

## 1179 FOSSIL FUEL POLICY

37168

Those who signed up 11-04-15 but did not testify

**PRESENT, will testify today****Please initial**

	Alvarez, Luis + Sandro p.6	
① ✓	Anderson, <del>Abey</del> p.5 Alex	AAE
	Brunelle, Adam p.5	
	Chapman, Julie p.7	
	Clarke, Anthony p.7	
⑦ ✓	Cohen, Donna p.8	DC
	Cornez, Sandi p.10	
③ ✓	Crumpacker, Nancy p.6	hes
	Cushing, Ben p.8	
	Denisor, p.10	
	Depue, Sylvia p.8	
	Entwislesr, Steve p.7	
	Farwell, Tracy p.8	
✓	Gleichen, Ted p.6	
	Harris, Andy. Dr p.5	
	Herbert, Sydney p.6	
	Hernandez, Michael p.10	
⑧ ✓	Holmes, Jenny p.9	ht
	Holms, Jenny p.5	
	Houser, Jim p. 4	
	Jacibs, George p.9	
	Jensen, sibayla Rich, Isabel Garrido-Spencer, Stella p.6	
	Lightening watchdog p.7	
	Litt, Judith p.8	
	Litt, Mike p.8	
	Mathers, Rob p.10	

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	Morten, Ann p.7	
	Nelson, John p.6	
	Quinn, Barbara p.9	
5	Romereiu, Deborah p.8 DR.	DR.
	Sanders, Sandy p.10	
6	Schor, David p.8 D	DS
	Sewell, Marilyn p.5	
	Sheeran, Kristen p.7	
4	Shober, Harlan p.6	
	Smith, Alan p.6	
	Smith, Chris p.1	
	Sponberg, Jessie p.10	
	Stanton, Mike p.1	
	Stewart, Fred p.10	
	Stone, Mindy p.9	
	Stookey, Jeff p.7	
	Swenson, Danica p.5	
2	Tenet, Byron p.5 JBST	
	Tennant. Rick p.8	
	Thoreamoore, Zephyr p.9	
	Valair, Raquel p.7	
	Weir, Doug p.8	
	Weiss, Jordan p.10	
	Weller, Darise p.9	
	Wilson, Ben Mirti, Esja	
	Edenlord, Marcelle p.6	
	Yoshikawa, Ken p.4	



FOSSIL FUELS INFRASTRUCTURE POLICY

TESTIMONY ON AMENDMENTS ONLY

IF YOU WISH TO SPEAK TO CITY COUNCIL, PRINT YOUR NAME, ADDRESS, AND EMAIL.

NAME (print)	ADDRESS AND ZIP CODE (Optional)	Email (Optional)
✓ Kendra Hubbard	2361 SE 145 <sup>th</sup> Ave 1Pkx 97233	khubbard@needle.com
✓ CATHY SAMPSON - CRUZE		
✓ Gregory Ellis		
✓ Liel VOSS-ANREAE		
✓ Kyle Smith-Doolittle		
✓ Rev. Marilyn Sewell	0841 SW Gaines, #319 97239	
Mark Farrell		
Kirk Richardson		
✓ Wiley G. Barnett	220 NE Bridgeton Rd 97211	
✓ RICK BROWN		

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NAME (print)	ADDRESS AND ZIP CODE (Optional)	Email (Optional)
✓ PETER TENFAL	5115 N Terry Plx	tenwa
✓ Dawn Oran		
✓ Fr. GACK MOSBRUCKE	ST PHILIP NERI PARISH	
✓ LOREY BERMAN	5908 NE 32 AVE POX 97211	KAMKALW@MSN.COM
✓ 3 SONNYSIDE Students		
✓ F. Bill Edens	—	—
✓ Peter Wilcox		
✓ Julie Chapman diana keith	LWV OREGON League of Women Voters Portland	
✓ Pam Ortiz		
✓ Antonio Zamora	Portland, OR	

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NAME (print)	ADDRESS AND ZIP CODE (Optional)	Email (Optional)
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Bepie Shapiro		
✓ NICK CALES		
Katja Jones		
✓ Eric LaBrant <sup>Port of Vancouver</sup> Commissioner		
✓ Stephen Eldred		
Scott Lewis		
John W. Lee		
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✓ Harriet Cooke		



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10ft Beth Woodward	0211 SW Idaho St Portland OR PO 1 BOX 911	
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Chress Montgomery	2522 SE 74th Ave	chress@jennings201.com
Bill Michtom	731 SW Salmon ST	

Please pass these out to the  
Portland City Council Members.  
as I am ill and cannot make  
the Council Meeting Wed 11/11/15

Thank you

Sincerely

Sean Morken  
St Helens, Or



My name is Ann Morten and I am a resident of St. Helens, Oregon. I would like to thank Mayor Hales and City Commissioners for the courageous stand against Pembina coming to Portland and for presenting the resolutions under consideration today. These actions speak loudly to the MANY reasons we should not allow hazardous and volatile materials to be stored or transported along the Columbia River. We who love the Columbia River desire to preserve the safety, the ecosystem, natural beauty, and habitat for humans, as well as wildlife.

Everyone should be aware of the dangers inherent in the storage and transport of these chemicals. They are moved by old rails and trains through our cities because of one thing -MONEY. But money cannot buy our health and happiness. The transport of these substances presents, not only the dangers and probability of disaster (such as the Big One, an explosion near cities or storage tanks, or the risk of terrorist attacks). The Columbia River is being threatened by the fossil fuel companies that are making their profits, while we gain nothing except inherent dangers. Port Westwood is built on sand and mud, the Columbia bar is the most dangerous in the world, existing rail systems antiquated and dangerous. All of these points are clear reasons to reject the push of big oil and others who benefit from present and proposed projects. The cost is too great. The idea of insurance is ludicrous, as these corporations will pass the expense down the line and it will end up tied in litigation forever.

The other reason in favor of these resolutions is that we should not be transporting out our natural resources. We should keep the fossil fuels in the ground until few need them and hopefully we will use our innovation to create clean energy and responsible use. And as our people need jobs, let us manufacture products and be paid a decent wage. These are political and moral issues. Please pass these resolutions!!!! It is the job of government to keep the country safe and viable. Thank you.

Council Clerk

37168



Pacific Northern Region - Northwest  
5880 N.W. St. Helens Rd., Portland, OR 97210  
503-220-1240 PHONE  
503-220-1249 FAX

November 12, 2015

Dear Mayor Hales and City Commissioners,

We'd intended to attach a list of questions concerning what the city actually means by "expansion", "export", "infrastructure" and other terms in proposed Resolution 1179. We'd also planned to provide examples of what might constitute "infrastructure expansion" if the city implements the policy. However, each time we prepared such a list and related examples, we ran into more questions and uncertainties. And there's been very little time to provide meaningful input. The point is, we're having a tough time wrapping our heads around what this resolution & policy really means for fuel supply to the city, state and region.

While we question the wisdom & advisability of the city opposing all major fossil fuel export projects, we're at a loss to understand how and why such opposition morphed into a proposed resolution to oppose and prohibit virtually any expansion of infrastructure for storing, handling, and transporting all fossil fuels in or through the City of Portland or adjacent waterways. The implications could be, and probably will be, far-reaching in terms of fuel-supply for all Oregonians and for communities in adjoining states.

One example we can provide at this time involves the supply of jet fuel to Portland International Airport (PDX). We handle virtually all Jet A bound for commercial flights at PDX through our storage and handling terminal in NW Portland (Willbridge), and through a pipeline that connects the terminal to the airport. There's an amazing amount of basic & sophisticated infrastructure associated with moving Jet A into and through Portland. Our facilities comprise several key links within and for the city as part of a complex supply chain. (Jet fuel is also moved by barge upriver and by truck to other regional airports).

During the past 20 years, we've stored, handled, metered, tested/re-tested, filtered and re-filtered ~2.8 billion gallons of Jet A at and through our terminal... without incident, without supply disruption and without a single gallon of off-spec fuel being delivered to the airport. This has enabled the movement of ~270 million air-passengers into and out of the city, and has supported the movement of vast amounts of freight.

What if expanded Jet A capacity (possibly for both civilian and military requirements) is needed during the next 20 years? Will we be able to expand storage capacity, or receipt/delivery pumping/pipeline

capacity, or metering capacity, or filtration capacity? Each of these elements (and a lot more) constitutes a part of the Jet A "fossil fuel infrastructure".

Even if sustainable alternative jet fuel (SAJF) becomes a meaningful source for and component of Jet A supply (maybe 20% someday?), the main source & component of Jet A will continue to be fossil fuel-based jet fuel. The airlines, the military, universities, industry, and others are, in addition to improving fuel efficiency mechanisms and aircraft, all trying to find ways to produce & introduce such alternative fuels into the supply chain in order to reduce emissions. This may not happen ~~happen~~ before a possible need for Jet A infrastructure expansion is needed at "mid-stream" facilities in Portland, and perhaps at the airport, the latter presumably being an "end-user" in the city's ill-defined lexicon of terms contained in the proposed resolution.

What's also of great concern is the manner in which city staff and those opposing the use of fossils may interpret what ends-up as city code when it comes to permitting any fossil fuel-related project in the city. It's understood that the city is not intending to restrict projects that improve safety, efficiency, seismic-resiliency, etc. in the energy sector, but such improvements are usually, directly related to investments in capacity expansions. Without including expansion as a vehicle-for or component-of such projects, investments are unlikely to take place. In fact, disinvestment in the energy cluster located in Portland's working harbor is a likely, unintended outcome of this policy. The sure-to-be discretionary nature of the permit review process, combined with the tendency on the part of some members of the community to delay and burden-to-death energy-related projects not related to solar-power or wind-power development, is troubling at best.

We appreciate that employment density in mid-stream energy facilities is lower than in the high-tech arena, for example. But if the city is dismissive of a "handful of valve-turners" at existing or possibly new/expanded energy facilities in Portland, the entire community has a problem. As 95%+ of all liquid fuel used in Oregon moves through Portland, there's evidently little recognition of or appreciation for the truly vital services provided by those "valve-turners" in the city and throughout the fuel supply chain.

We urge a "no" vote on Resolution 1179 this afternoon, November 12, 2015, or at least deferral of the vote until more definition can be incorporated into this rushed, binding city policy.

Sincerely,

Kinder Morgan Liquids Terminals LLC



R.H. Mathers, Director Business Development – NW Terminals



<http://thinkprogress.org/climate/2015/11/10/3720605/2-million-clean-jobs/>

## Going Off Fossil Fuels Would Boost Disposable Income And Create A Million Jobs

by Samantha Page Nov 10, 2015 9:46am

A new report has found that transitioning to a clean energy economy would be an economic boon to the United States, increasing employment, reducing costs to consumers, and benefiting investors.

The report, from NextGen Climate America, showed that investment in efficiency, renewable sources of electricity, and fuel switching — such as moving from fossil fuel-powered cars to electric vehicles — would add a million jobs by 2030, and roughly 2 million jobs by 2050, while increasing GDP by \$290 billion and improving household income. The researchers looked at scenarios that would reduce emissions by 80 percent below 1990 levels.

“While addressing climate change is one of our greatest challenges, it is one of our greatest opportunities to build the economy,” Tom Steyer, co-founder of NextGen and billionaire climate activist (and a board member of the Center for American Progress), said on a call with reporters Monday.

The construction industry, in particular, could see a huge bump in jobs — to the tune of 1.2 million more in 2050 than under the business-as-usual scenario. That’s because it will take a lot of people to build the wind farms, install the solar panels, and retrofit the buildings needed to reduce America’s dependence on fossil fuels.

The go-to argument against [climate action] is that it’s bad for the economy and it’s a job killer

Efforts to lower emissions are often subject to the criticism that they will hurt the economy, even though actual examples of programs have shown that efficiency and clean energy programs can actually boost economic factors like household disposable income.

“The go-to argument against [climate action] is that it’s bad for the economy and it’s a job killer,” Steyer said. This report shows otherwise. Steyer also pointed out that in the last few years, jobs in the solar industry have grown 20 times faster than the rest of the economy.

In addition, the so-called reference case — a general economic forecast — did not take into account the potential costs of not addressing climate change. Recent reports have shown climate change poses a significant financial risk.

The report studiously stays away from telling policymakers how to get to 80 percent less emissions. Rather than policy recommendations, the researchers took a feasibility study and used it to build out the economic impacts. The researchers used a 2014 report,

Pathways to Deep Decarbonization in the United States by Energy and Environmental Economics, which looked at whether it was technologically feasible to reduce carbon emissions significantly enough to avoid 2°C warming.

Economist Jeffery Sachs told reporters it was critical to first determine where we want to go, and then tailor policies to achieve those end goals.

“Too often our national policy conversation jumps straight to the question, ‘Is it a tax? Is it this or that?’ Whereas what this report does, much better, in my opinion, is to show here’s where we want to go,” Sachs said.

Overall, the report painted an optimistic picture of the economy under a clean energy scenario. It’s worth noting, though, that the gains will not be across the board. Job growth in two of the nine regions was expected slow under the low-carbon scenarios. Those two regions — which include roughly the area from Montana to Texas, a fossil fuel heavy swath of the country — would have slower job growth.

That means that as the country does develop policies to achieve these goals, it will likely need to dedicate resources — educational and economic — to areas that will have a harder time getting off fossil fuels.

“To help them adapt we need to provide dedicated new resources for economic diversification, job creation, job training and other employment services for workers and communities affected by job losses at coal mines and coal-fired power plants,” the authors said.

Jobs notwithstanding, all regions were found to see increases in disposable income.





## BUSES FUELED BY PROPANE AUTOGAS REDUCE EMISSIONS, COSTS FOR PORTLAND PUBLIC SCHOOL DISTRICT

### A PROPANE AUTOGAS CASE STUDY

#### SCHOOL DISTRICT FOCUSED ON REDUCING EMISSIONS REALIZES COST SAVINGS AND HIGH PERFORMANCE

**P**ortland Public Schools (PPS) in Portland, Ore., recognized as one of the most environmentally friendly cities in America, is supporting the city's green initiatives by choosing clean-burning propane autogas for its school bus fleet. The district operates some of its own buses, and contracts with First Student Inc. for additional bus service to transport students.

Eighty percent of all the buses are fueled by propane autogas. Combined, PPS's buses travel more than 3.3 million miles each year and transport more than 8,000 students a day. The school district has been committed to using buses fueled by propane autogas for nearly 30 years, setting an alternative fuel example for other schools nationwide.

#### GOING THE DISTANCE: FROM PAST TO PRESENT

PPS began exploring alternative fuels in the early 1980s because of high gasoline prices and clean air regulations. In 1983, the district converted several buses to run on propane autogas, and the results were impressive. It found that propane autogas was more cost-effective

than conventional fuels and burned cleaner, reducing emissions and vehicle maintenance requirements. Soon after, the school district converted most of its buses to run on propane autogas.

Until recently, new buses purchased by the district were retrofitted by a local vendor to run on propane autogas. Now that major bus manufacturers offer factory-built propane autogas buses, PPS is purchasing new school buses with dedicated liquid propane autogas injection engines directly from manufacturers. The district recently purchased 10 new Type-A school buses manufactured by Collins Bus Corp. through Western Bus Sales Inc., that use CleanFuel USA's liquid propane autogas injection system.

#### COMPANY

Portland Public Schools,  
Portland, Ore.

#### CHALLENGE & SOLUTION

To reduce emissions and fuel costs by remaining on the cutting edge of alternative fuels through the purchase of factory-built school buses fueled by propane autogas.

#### RESULT

- Mile for mile, propane autogas costs less than gasoline and diesel.
- Propane autogas provides a more affordable infrastructure for on-site refueling compared with conventional and alternative fuels.
- Vehicles fueled by propane autogas emit fewer harmful emissions than gasoline- and diesel-fueled vehicles, reducing short- and long-term effects in passengers.



Additionally, PPS is installing upgraded fuel dispensing equipment to support its on-site refueling infrastructure. The district's propane provider is covering the majority of the costs of infrastructure installation. The new refueling station will allow two buses to be fueled at once and will track miles per gallon for each bus. The station also will allow for the systematic monitoring of district fuel cost savings.

### PROPANE AUTOGAS — MAKING SENSE AND SAVING CENTS

PPS uses propane autogas to fuel its school bus fleet for the same reasons it originally converted in the 1980s. Propane autogas typically costs less than gasoline and it burns cleaner, resulting in less engine maintenance and reduced emissions. In fact, propane autogas can reduce greenhouse gas emissions by up to 25 percent in propane-autogas-fueled applications compared with gasoline-fueled vehicles.

The school district has reaped financial benefits of propane autogas through reduced bus maintenance costs and extended engine life. According to PPS' fleet maintenance supervisor, Melvin Philbrook, the propane-autogas-fueled buses run up to 30,000 miles longer than those fueled by gasoline.

The district also is saving through significantly lower fuel costs. "PPS' projections for 2012 show a 50 percent savings for its propane autogas purchases when compared with those for gasoline," Andy Leibenguth, PPS' transportation director, explains.

"With all these advantages, propane autogas is clearly the way to go," Philbrook adds.



### WORKING TOGETHER FOR A SUSTAINABLE FUTURE

Portland Public Schools contracts with bus provider First Student Inc. to transport many of the students in its district. "When we renew our agreements with contracted student transportation companies, like First Student, we expect them to provide 100 percent propane-autogas-fueled buses," Leibenguth says. "Fueling our school buses with propane autogas has been our priority for years, but it is becoming easier for us to maintain that commitment with the refueling infrastructure for propane autogas already in place. Now advances in technology and manufacturer support have allowed us to purchase liquid-injection, factory-built, dedicated propane-autogas-fueled buses directly from manufacturers."

Within the next several years, the school district expects its contract bus provider to buy a considerable number of new buses, all factory-built to run on propane autogas. Leibenguth says First Student Inc. is expecting the delivery of 90 propane-autogas-fueled NexBuses from Collins Bus Corp. "The buses fueled by propane autogas are clean-burning and are fiscally great," Leibenguth says. "We receive positive perceptions and feedback from the public and employees. Overall, propane autogas has been working well for us, so we plan to continue down this path."

### FOR MORE INFORMATION

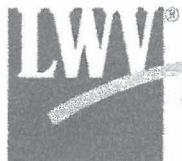
To learn more about propane-fueled lawn care equipment and the Propane Education & Research Council, visit [autogasusa.org](http://autogasusa.org).

Propane Education & Research Council / 1140 Connecticut Ave. NW, Suite 1075 / Washington, DC 20036  
P 202-452-8975 / F 202-452-9054 / [propanecouncil.org](http://propanecouncil.org)

 PROPANE EDUCATION & RESEARCH COUNCIL

The Propane Education & Research Council was authorized by the U.S. Congress with the passage of Public Law 104-284, the Propane Education and Research Act (PERA), signed into law on October 11, 1996. The mission of the Propane Education & Research Council is to promote the safe, efficient use of odorized propane gas as a preferred energy source.

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## The League of Women Voters of Portland

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**DATE:** November 12, 2015

**TO:** Mayor Hales, Commissioners Fish, Fritz, Novick, and Saltzman

**FROM:** Margaret Noel, President  
Julie Chapman, Action Committee member

**RE:** **Resolution No. 1179:** "Oppose expansion of infrastructure whose primary purpose is transporting or storing fossil fuels in or through Portland or adjacent waterways," and proposed amendments

The League of Women Voters of Portland urges your support of Resolution 1157, now reconsidered as Resolution 1179.

Since the 1950s, the League has worked at the federal and state levels to protect air, land and water resources. More recently, the League has lobbied vigorously for comprehensive legislation to control global climate change by setting a cap on greenhouse gas pollution and by encouraging conservation and renewable energy. Any major increase in fossil fuel industry infrastructure is not consistent with the current League of Women Voters natural resources and climate change positions, nor with Portland's 2015 Climate Action Plan.

The resolution as originally written was a clear statement of the Council's intention to honor our 2015 Climate Action Plan and its recommendation to establish a "fossil fuel export policy that considers lifecycle emissions, safety, economics, neighborhood livability and environmental impacts."

The original Resolution 1157 was both aspirational and a clear mandate to work toward better energy solutions through alternatives to burning fossil fuels. It is a statement of intention and a model for other local and state mandates to reduce reliance on the coal and oil industries.

The League of Women Voters of Portland continues to support the original Resolution 1157; we have reservations about any amendments that require further study and could delay implementation of the Resolution. In particular, we have concerns about the necessity, intent and implications of Amendments 5, 6 and 8. We ask that you reject these amendments if their approval would weaken the resolution and postpone the work of developing proposed code changes to protect public health, safety and our environment.

"To promote political responsibility through informed and active participation in government."



Lowen Berman  
5908 NE 32<sup>nd</sup> Ave  
Portland, OR 97211  
503-407-8749  
[kalmkalm@msn.com](mailto:kalmkalm@msn.com)

Let me tell you a bit about myself. I have been a member of four trade unions and vice president of one of the largest union locals in Oregon. I have been a punch press operator, a truck dock loader and a warehouse laborer. I have been a production assembler and a telephone wire inspector. I am a journeyman machinist. I have been a union negotiator and arbitrator. I have been a paid and unpaid union organizer. I also have a master's degree in labor studies. I am offended by the crocodile tears shed by corporate and business leaders about income inequality and the plight of the working class.

We all want family wage jobs. Older folks remember the newsreels of our WWII factories pouring out tanks and planes by the thousands. No shortage of jobs then. What we need today is a similar level of mobilization, but with factories pouring out wind turbines and solar plants and electric vehicles and new generations of energy storage systems. We need to build, install and maintain a new energy and transportation infrastructure. We need to retrofit millions of energy inefficient buildings. Such a mobilization would provide many times more jobs than the dying fossil fuel industry can produce. Many labor leaders understand this reality and are supporting the fight for climate justice. Others are trying to hang on to the few remaining union jobs by becoming allies to a dying industry.

If this council is truly concerned about the interests of labor, your concern must extend to the millions of farmers and workers in the US and abroad whose land and lives are, and will continue to be, devastated by climate change and fossil fuel extraction.

I am old, I am retired. Unlike many who have testified from the business community, I have no financial skin in this game. But it is clear to me that the interest of my fellow workers, and of all the world's children lies with the embrace of a sustainable future, not a dying, inequitable, catastrophic past. Please pass this resolution and begin a just transition to a new and better world. Thank you.

↑  
MAKE  
IT  
REAL

Dear Mayor and City Council Members,

Thank you for this opportunity to speak to you today. On behalf of Ecumenical Ministries of Oregon and its Oregon Interfaith Power and Light, I am pleased share some input from a faith perspective. I would like all the people of faith who are here to stand up. Many of them would like to give testimony, but will unable today. Also, I want to convey that Courtney Demko and Portland Green Muslims were not able to be here and support a strong resolution.

Testimony on the positions of EMO and OIPL were submitted last week, this week I think it would be most helpful to provide and ethical framework as you consider amendments to 1157 and your vote. We are on record in opposing the proposed Pembina Propane Terminal and asking for a regional EIS for coal transport and are in the process of finalizing a comprehensive fossil fuel statement rooted in faith teachings and principles.

I want to first start with a brief theological take on energy, and then share some principles from energy policy that come out of the religious community that I think you will find helpful.

God has provided an abundance of energy on our earth home. This gift of energy, especially when sourced from clean, renewable resources, enhances human life when used carefully and skillfully. A vibrant human society and responsible energy stewardship not mutually exclusive. A healthy environment, intact ecological functions and biologically diverse world are the foundations of a just and sustainable world.

Transitioning to a clean energy future can be complex. But when we keep our values in front of us, we can think more clearly and connect head and heard. I will share some ethical energy policy guidelines add the context of the issue of fossil fuel export infrastructure before us today.

### **Ethical Guidelines for Energy Policy<sup>i</sup>**

**Equity** concerns the impact of policy decisions on various sectors of society with special concern for the poor and vulnerable. Burdens and benefits should be assessed and distributed so that no group gains or loses disproportionately. Fossil fuel export facilities in the NW would disproportionately affect the poor in vulnerable in Portland and in the developing world.

**Efficiency** is the capability of an energy policy or alternative to provide power with the input of fewer resources. It also means frugality in consumption and a decrease in pollution. New technologies are essential to satisfying this guideline.

Creating infrastructure to export fossil fuels increases consumption and pollution.

**Adequacy** addresses the complex problem of supply. Policies and energy alternatives should be sufficient to meet basic energy needs. The meeting of basic needs takes priority until they are satisfied, then gives way to other guidelines, especially frugality and conservation.

**Renewability** refers to the capacity of an energy option to replenish its source. Reliance on renewable sources should take priority.

The City of Portland is on record in its Climate Action Plan in supporting the transition to renewable energy. How does fossil fuel export enhance the city's vision and identity as a climate leader?

**Appropriateness** refers to the tailoring of energy systems to (a) the satisfaction of basic needs, (b) human capacities, (c) end uses, (d) local demand, and (e) employment levels. Energy decisions should lead to a variety of scales and level of technical complexity.

Fossil fuel export infrastructure is not appropriate for meeting our local energy needs and increasing long-term employment.

**Risk** concerns the measurable potential of an energy policy or alternative to harm human health, social institutions, and ecological systems. Low risk options are preferable.

Extracting, transporting and shipping fossils is very risky business, and given the alternatives available, aiding and abetting fossil fuel export projects is morally acceptable.



**Peace** points to the potential of an energy policy to decrease the prospects of armed conflict. While international cooperation is essential to a sustainable energy future, energy dependence should be avoided to prevent disruption of supplies.

**Cost** refers to monetary costs as well as other social and environmental costs. All costs should be included in the prices consumers pay for energy.

The fossil fuels coming through the Portland area presently and planned for the future do not reflect all the social and environmental costs.

**Employment** concerns the impact of a policy or alternative on employment levels, skills, and the meaningfulness of work. Policies and systems should stimulate the creation of jobs and new skills.

**Flexibility** points to the capacity of policies and options to be changed or reversed. High flexibility is preferable, and systems subject to sudden disruption should be avoided.

**Participation** and timely decision-making refer to the processes used to set energy policies and choose alternatives. Processes should allow for those affected to have a voice without leading to endless procrastination.

**Aesthetics** points to beauty as one aspect of a flourishing life. Policies and alternatives that scar the landscape should be avoided.

In sum when these guidelines are applied, it fossil fuel export projects have serious ethical deficiencies. Please consider all of these values as consider amendments and vote today. People of faith will support you in doing the right thing on one of the most consequential votes you take on this council for the future of all Creation. Thank You

Jenny Holmes, EMO Environmental Ministries Director

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<sup>i</sup> Based on The Power to Change, policy on energy and global warming passed by the 2008 General Assembly of the Presbyterian Church USA.

# THE CLEAN ENERGY FUTURE

Protecting the Climate • Creating Jobs • Saving Money

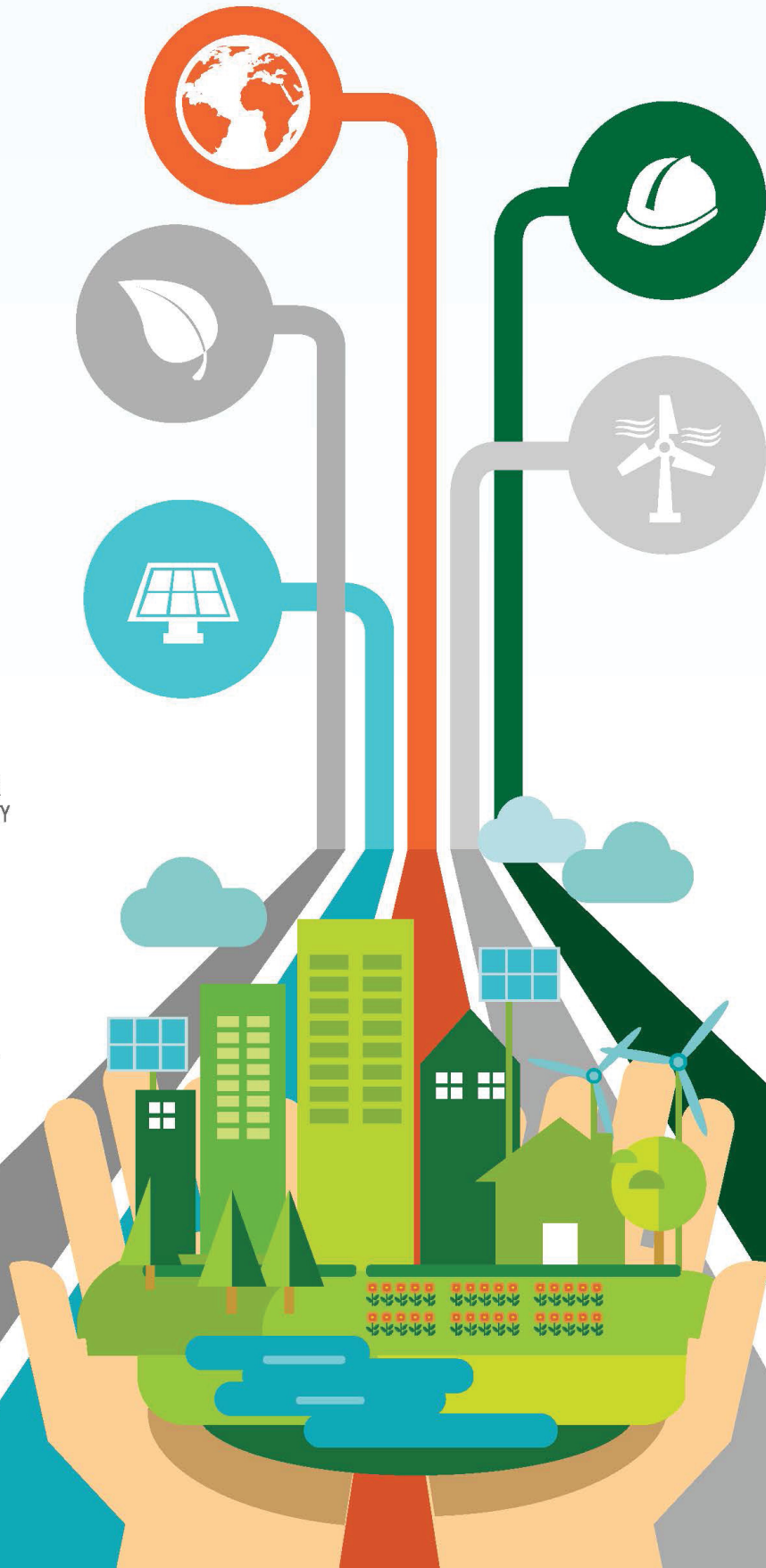


LABOR NETWORK  
FOR SUSTAINABILITY

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Synapse  
Energy Economics, Inc.





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This report is made possible by the generous support of the Chorus Foundation.

Introduction and conclusion are by Labor Network for Sustainability; the body of the report is by Synapse Energy Economics. The technical appendix, providing detailed explanation of calculations described in this report, is available at [http://synapse-energy.com/CEF\\_Appendix](http://synapse-energy.com/CEF_Appendix).





## INTRODUCTION



This report presents a Clean Energy Future plan for the United States to reduce greenhouse gas [GHG] emissions 80 percent by 2050 – while adding half a million jobs and saving Americans billions of dollars on their electrical, heating, and transportation costs.

Americans have often been told that saving the climate will reduce employment and bust the budget. The Intergovernmental Panel on Climate Change (IPCC) “80x50” target for GHG reduction is often portrayed as a threat to American workers’ jobs and the U.S. economy. And although President Obama has endorsed the goal of reducing greenhouse gas emissions 80 percent by 2050, even the most promising proposals in his Clean Power Plan do not approach this target.

The Clean Energy Future: Protecting the Climate, Creating Jobs and Saving Money refutes the claim that meeting the IPCC targets will cause economic devastation. Indeed, not only can these targets be met, but meeting them will create more jobs and save money. This report, prepared by the Labor Network for Sustainability<sup>1</sup> (LNS) and 350.org,<sup>2</sup> with research conducted by a team led by economist Frank Ackerman of Synapse Energy Economics,<sup>3</sup> lays out an aggressive strategy for energy efficiency and renewable energy that will:

- Transform the electric system, cutting coal-fired power in half by 2030 and eliminating it by 2050; building no new nuclear plants; and reducing the use of natural gas far below business-as-usual levels.
- Reduce greenhouse gas emissions 86 percent below 1990 levels by 2050, in the sectors analyzed (which account for three-quarters of US GHG emissions).
- Save money – the cost of electricity, heating, and transportation under this plan is \$78 billion less than current projections from now through 2050.
- Create new jobs – more than 500,000 per year over business as usual projections through 2050.

The plan does not depend on any new technical breakthroughs to realize these gains, only a continuation of current trends in energy efficiency and renewable energy costs.

<sup>1</sup> The Labor Network for Sustainability (<http://www.labor4sustainability.org>) was founded in 2009 based on an understanding that long-term sustainability cannot be achieved without environmental protection, economic fairness, and social justice. LNS believes we all need to be able to make a living on a living planet.

<sup>2</sup> Founded in 2008, 350.org (<http://www.350.org>) is building a global climate movement with online campaigns, grassroots organizing, and mass public actions coordinated by a global network active in over 188 countries.

<sup>3</sup> Synapse Energy Economics (<http://www.synapse-energy.com>) is a research and consulting firm specializing in energy, economic, and environmental topics. Since its inception in 1996, Synapse has grown to become a leader in providing rigorous analysis of the electric power sector for public interest and governmental clients.

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Most of the additional jobs will be in manufacturing and construction. Such jobs tend to have higher wages and better benefits than average, providing new opportunities for American workers. Because some jobs will be lost in fossil fuel related industries, the report calls for a vigorous program to provide new, high-quality jobs and/or dignified retirement for those affected.

Manufacturing and construction also provide a high proportion of the better jobs held by people of color. Expanding these sectors will help counter the growing inequality within the American labor market. The report advocates deliberate policies to create new opportunities and job pipelines for those groups who have been most excluded from good jobs.

The study covers the entire electric system, light vehicle transportation (cars and light trucks), space heating and water heating, and waste management. It assumes conversion of all gasoline-powered light vehicles and most space heating and water heating to 100 percent renewable electricity. This strategy achieves three-fourths of the total emission reduction needed to reach the 80 percent by 2050 target. The report also cites other studies suggesting that sufficient GHG reduction can be achieved in the remaining sectors – freight and transit, industrial process emissions, and non-energy GHG emissions in agriculture – to meet the 80% by 2050 GHG reduction target. Indeed, that target requires only moderate reductions in these other sectors; accelerated reduction in these other sectors would make possible even faster and larger national progress, doing better than 80 percent by 2050.

This program will help bring together environmental and labor advocates around their common interest in putting Americans to work saving the earth's climate. Climate protection has caused significant friction between labor unions and environmentalists around whether to create jobs or address climate change. The report demonstrates that this is a false choice. For unions and other jobs advocates, climate protection is also a great jobs program. We can create many more jobs by protecting the environment than by expanding the fossil fuel infrastructure.

The report will help guide the development of state policies under the Environmental Protection Agency's (EPA's) recently issued Clean Power Plan (CPP). States can configure their CPPs to serve as first steps toward realizing the far more ambitious objectives of The Clean Energy Future. The report will help draw together a community of allies, including unions, social justice advocates, students, and environmentalists to shape and promote such a program.

The Clean Energy Future presents a practical, realistic way for the United States to stop aggravating global warming. It does not depend on international agreements, science-fiction technologies, or sacrifice of Americans' well-being. Indeed, it provides financial, health, and job benefits for American workers and consumers that include much more than climate protection.







## 1. THREE CHALLENGES

Economic and environmental crises challenge and constrain our choices in at least three competing directions.

- As greenhouse gases overheat the earth, our use of fossil fuels is beginning to destroy the climate conditions which have allowed human civilization to emerge and prosper.
- As good jobs continue to disappear, the prospects for a stable, middle-class life are becoming remote for more and more Americans.
- Many people cannot afford, and few seem willing to consider, expensive solutions **to economic or environmental problems.**

Each of these problems could be addressed on its own. But can they be solved at the same time? Is there a plan that reduces carbon emissions enough to stabilize the climate, creates growing numbers of good jobs, and at the same time avoids imposing new costs on consumers and taxpayers? In terms of [Figure 1](#), it is easy to imagine plans that fall into any one of the circles. But is there any viable future that falls within all three?



Figure 1. Do the three circles overlap?

This report demonstrates that the three objectives do, in fact, overlap. It presents an achievable future scenario that creates hundreds of thousands of new jobs, concentrated in construction and manufacturing – and lowers the cost of electricity, transportation and heating – and meets demanding goals for eliminating most carbon emissions by the year 2050. Our scenario builds on and extends previous studies of clean energy futures by Synapse Energy Economics, based on detailed modeling of energy efficiency and renewable energy options for the U.S. electric system.<sup>4</sup> We then calculate the jobs created by clean energy

<sup>4</sup> See the documentation of this analysis at <http://synapse-energy.com/project/consumer-costs-low-emissions-futures>.



with IMPLAN, a widely used model of employment impacts.

## 1.1 CLIMATE PROTECTION: 80 PERCENT BY 2050

The partisan debate surrounding the Obama administration's Clean Power Plan (CPP) could create the mistaken impression that the plan represents the outer bounds of the possible, with opponents portraying it as a controversial, utopian, and expensive policy. The CPP, calling for U.S. power plant emissions to be reduced 32 percent below 2005 levels by 2030, may be controversial – but it is neither utopian nor expensive. Our scenario is a more ambitious alternative. It reduces emissions to a much lower level than the CPP targets, and saves money in the process.

We model two detailed scenarios for the U.S. energy system. One is a **reference case**, including only policies that were in place before the Clean Power Plan, and using many assumptions from the Energy Information Administration's Annual Energy Outlook – the standard long-run projections from Energy Department researchers. The other is a **Clean Energy Future**, assuming that present trends in renewable energy continue, and are accelerated by a set of new policies. The framework of the Clean Energy Future, a combination of data projections from the National Renewable Energy Laboratory (NREL) and our own analysis, includes the following:



Energy efficiency programs expand nationwide to match the performance of the most successful existing state programs.



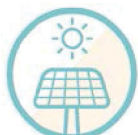
Coal-fired power is eliminated by 2050. Half of it is gone by 2030, and almost all the rest by 2040.



Wind power, already lower in cost than many fossil fuel technologies, continues a gradual decline in cost per kWh, inspiring widespread adoption.



Total natural gas capacity shrinks, as plant retirements outweigh new construction.



The ongoing decline in the cost of solar power continues at a rapid rate until 2030 and more gradually until 2040; adoption of solar power spreads throughout the country.



Renewable energy expands enough to allow electrification of all gasoline-powered light vehicles (cars, SUVs, and light trucks) and 80 percent of space heating and water heating by 2050. Oil production and refining decline as the demand for gasoline plummets.



No new nuclear plants are built; existing plants all close after 60 years of operation.



Ongoing progress in recycling, composting, and management of existing landfills eliminates all emissions from waste by 2050. This continues current trends: emissions from waste, largely landfill methane, fell by one-third from 1990 through 2013.

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Most of the international discussion of climate targets focuses on emission reductions from a 1990 baseline, typically assuming that the United States and other high-income countries need to reach 80 percent below 1990 levels by 2050 in order to stabilize the climate. The Obama administration has endorsed this target, although it has not produced any detailed plans to achieve it.

For the sectors included in our analysis – electricity generation, cars and light trucks<sup>5</sup>, space heating and water heating, fossil fuel supply, and waste management – the Clean Energy Future achieves an 86 percent reduction in emissions by 2050, relative to 1990 levels. This is not a plan for the whole U.S. economy, but it does most of the required heavy lifting. As [Table 1](#) shows, reductions of only 42 percent in the remainder of U.S. emissions – from industrial (non-electricity) emissions, mass transit, freight transport, and agriculture – would be enough to achieve an overall 80 percent reduction. With more ambitious reductions in other sectors, the United States could surpass the 80 percent reduction target.

	1990	2050	Change	Percent Change
	Million Metric Tons of CO <sub>2</sub> -eq			
Clean Energy Future Sectors	3,800	544	-3,256	-86%
All Other Sectors	2,502	1,443	-1,058	-42%
Gross Emissions	6,301	1,987	-4,324	-68%
Absorption (Land Use & Forestry)	-776	-882	-106	+14%
Net Emissions	5,525	1,105	-4,420	-80%

**Table 1. U.S. greenhouse gas emissions, 1990 and projected 2050**

Source: 1990 values from U.S. Greenhouse Gas Inventory, 1990-2013. The 2050 estimate for Clean Energy Future sectors is developed in this report. "All other" consists primarily of industrial (non-electricity) emissions, mass transit, freight transport, and agriculture. The "all other" value for 2050 is the amount needed to achieve 80 percent reduction in net national emissions (bottom line), not a forecast for these sectors. Emission absorption from land use and forestry in 2050 is assumed equal to the reported amount for 2013.

## 1.2 EMPLOYMENT: 550,000 NEW JOBS

At least one member of Congress has brought a more-than-life-sized cardboard photograph of a coal miner to hearings on climate change, in order to confront witnesses with the terrible human cost he imagines that climate policies will impose.<sup>6</sup> But real people's livelihoods are at stake, and the workers involved deserve a three-dimensional picture that goes beyond cardboard cutouts.

Some jobs will be lost as a result of our scenario, although more will be created. Compared to the reference case, the baseline scenario of fossil-fueled business as usual, the Clean Energy Future needs fewer workers in

<sup>5</sup> The small category of diesel-powered cars and light trucks is not included in our analysis.

<sup>6</sup> Based on the experience of the lead author of this report, when testifying before a Congressional committee in 2008.



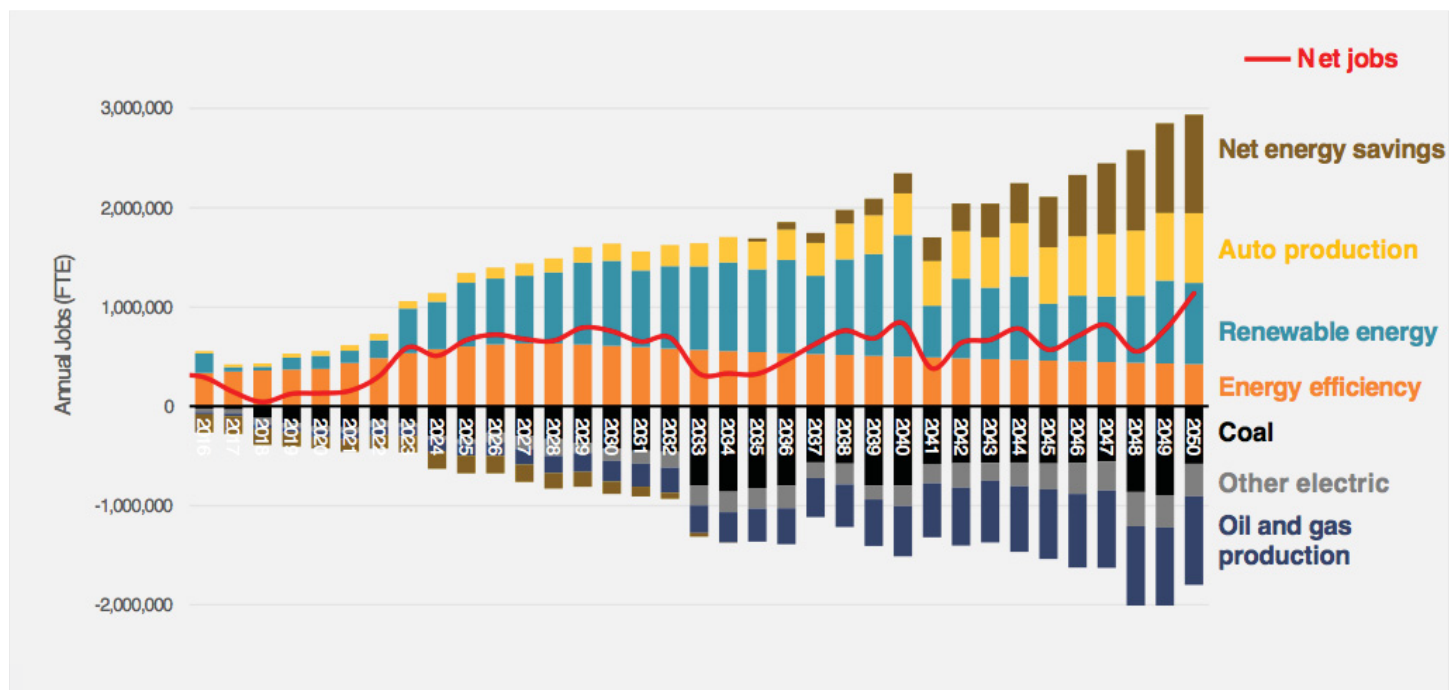


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coal mining, oil and gas production, and non-renewable electricity production, such as coal-burning, gas-burning, and nuclear plants.

The Clean Energy Future requires much larger numbers of workers, however, in energy efficiency programs, renewable energy production, and auto manufacturing (making electric cars). The net effect is an average gain, above the reference case, of more than 550,000 jobs per year from 2016 to 2050, as shown in [Figure 2](#). Net job gains increase over time, starting at a little under 200,000 per year in 2016-2020, and rising to 800,000 per year in 2046-2050.



**Figure 2. Job creation in the Clean Energy Future, 2016-2050**

The graph shows differences between employment in the Clean Energy Future and reference case projections, by year and major category of employment. Each category includes direct, indirect and induced employment. See text for explanation.

Four major categories of new jobs can be seen in the graph. Starting at once, hundreds of thousands of jobs are created by expanded energy efficiency programs. The existing electric system is inefficient, investing far too little in cost-effective efficiency programs. Rather than burning more fuel, it is often cheaper to install more insulation, better lighting, newer appliances and motors, and countless other energy-saving measures.

A second wave of new employment arises in the 2020s, as renewable energy programs take off. Numerous workers are employed in producing, installing, and maintaining wind turbines, solar panels, and other renewable energy equipment, the core technologies of the Clean Energy Future.

Next, after about 2030, employment expands in the auto industry, as production of electric vehicles becomes essential to the later stages of the scenario. Finally, in the 2040s, jobs are created by net energy

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savings, which are spent on other purchases.<sup>7</sup> (Each category combines direct, indirect, and induced employment. In auto production, for example, direct employment refers to jobs in the auto industry; indirect employment means jobs in industries that sell parts and supplies to auto companies; induced employment is created when auto workers and auto parts workers spend their paychecks, stimulating other industries.)

Net job creation in the Clean Energy Future, averaging 550,000 jobs per year for 35 years, may sound like a large number. It is, however, only about 0.3 percent of the expected size of the U.S. labor force from now through 2050.<sup>8</sup> Still, it is enough to ensure that there are jobs available for workers displaced from coal and other non-renewable energy industries – as well as opportunities for many other workers to launch promising careers in construction, manufacturing, and other industries required for the transition to clean energy.

Some of the jobs created by the Clean Energy Future are spread throughout the economy. But a majority are concentrated in just a few sectors, as shown in [Table 2](#). Of the new jobs, 78 percent will be in manufacturing and construction. Even after subtracting the jobs lost in mining and drilling for fossil fuels, the net result is still that 59 percent of new jobs will be created in these three industrial sectors, which account for about 13 percent of total employment today.

	New Jobs Per Year, 2016-2050	Percent
Manufacturing	187,518	34%
Construction	240,126	44%
Mining, Extraction	-101,846	-18%
Subtotal: 3 Industrial Sectors	325,798	59%
All Sectors	551,371	100%

**Table 2. Share of net new jobs in selected sectors.** Source: Authors' calculations.

The workers displaced from fossil fuel industries are not cardboard cutouts. They have done hard, dirty and dangerous jobs that kept our lights on and our cars moving for all the years before we recognized the need for a different energy future. In addition to our thanks, they deserve a just transition, with assistance in training and placement in new jobs, or retirement with dignity.

But the transition to new ways of producing energy is not primarily a story of loss. Rather, it offers new pathways into vital roles producing and using the resources of the twenty-first century. It can rejuvenate and expand the blue-collar American work force for those who have been displaced, for their children, and for hundreds of thousands of others who have been excluded from the constricted prosperity of the recent past.

<sup>7</sup> Net energy savings are a small negative factor, causing job losses, through the 2020s, when energy costs are slightly higher in the Clean Energy Future than in the reference case. Net energy savings become a positive factor, causing job gains, after 2035, when energy costs are lower in the Clean Energy Future.

<sup>8</sup> Based on an average labor force of 178 million from now through 2050, estimated from Mitra Toossi, "Projections of the labor force to 2050: A visual essay," *Monthly Labor Review*, October, 2012 3-16.



## 1.3 WHY IS THIS AFFORDABLE?

Transforming our energy system, slashing emissions while creating new jobs, may sound exciting, demanding, and important – but it also sounds expensive. In an era of tax-cutting and budget-cutting, what hope is there for the Clean Energy Future?

The scenario described in this report will slightly lower the costs of electricity, transportation and heating. The cumulative cost of the Clean Energy Future is \$78 billion less than the reference case.<sup>9</sup> Spread over 35 years, this is actually close to zero; it is a savings of about \$7 per person per year. Nonetheless, it demonstrates that there is no insurmountable cost barrier – in fact, no visible cost barrier at all – to adoption of the Clean Energy Future.

The notion that any major initiative must be expensive is based on an exaggerated belief in the efficiency of markets, an unexamined residue of conventional wisdom. If markets had already achieved textbook levels of efficiency, with competition relentlessly driving costs to the lowest possible level, then the tradeoff between energy costs and carbon emissions might look like [Figure 3](#). If energy was already being produced at the lowest possible cost, any reduction in emissions would require an increase in costs. This is the imagined world of economists talking about no free lunches, and the hidden assumption behind most cost-benefit analyses of public policies. But it is not the world of the U.S. energy system today.

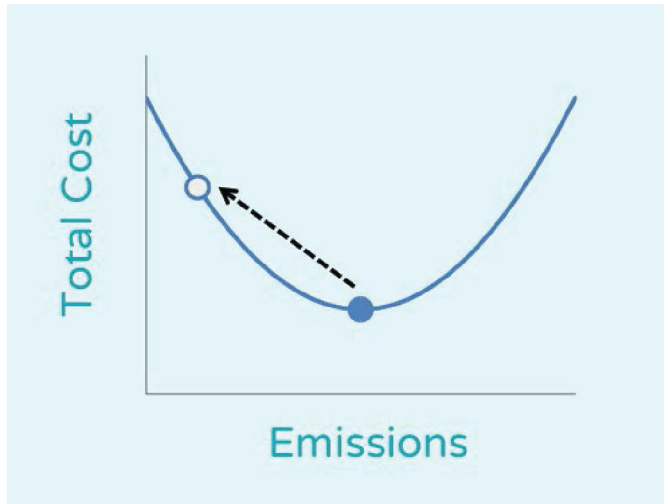


Figure 3. Cost vs. Emissions: Efficient Markets

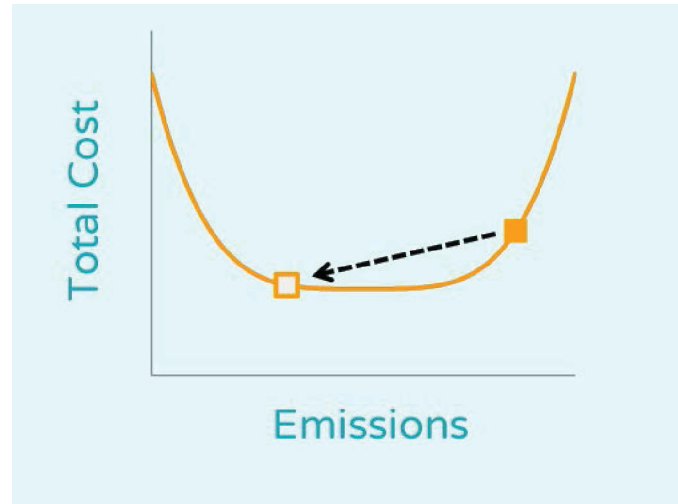


Figure 4. Cost vs. Emissions: Inefficient Markets

In the real world, competition is inhibited by the economic power of large energy companies, the natural monopoly created by electricity grids and distribution systems, the effects of government regulations, and

<sup>9</sup> This is the cumulative present value, at a 3 percent real discount rate, of the difference in costs between the two scenarios.





incomplete knowledge of alternatives. As a result, markets do not always reach the cost-minimizing outcome. In particular, energy markets have been slow to respond to the low costs of energy efficiency and of renewable energy, so they are stuck at a point where both costs and emissions are higher than they could be. Thus the tradeoff may look more like [Figure 4](#) – in which a change, like the Clean Energy Future, can lead to improvements in both costs and emissions.

The Clean Energy Future spends more than the reference case on energy efficiency and renewable energy – and less on fossil fuels and on upgrades and pollution controls at existing power plants. (Closing coal plants saves money, in part, because it avoids the expense of installing pollution controls that would be required to keep the plants running.) That is, the Clean Energy Future pushes for faster adoption of the low-cost resources that the market has been underusing. Therefore, as in [Figure 4](#), both costs and emissions can be reduced at the same time.

Changing the mix of energy resources is also the key to job creation benefits. In general, replacing fossil fuels with alternatives gives a boost to employment. Much of our oil is imported, so any jobs created are far away; and regardless of location, a large part of the price of fossil fuels ends up in the pockets of the owners of oil wells, gas wells, pipelines, and coal mines. Even the money spent on the actual process of production creates relatively fewer jobs than many other industries. Mining, drilling and oil refining rely more on expensive, long-lasting equipment, and less on labor, than most other industries, and create fewer jobs per million dollars of spending.

In contrast, energy efficiency programs hire a lot of construction workers to install insulation and other measures, and indirectly create manufacturing jobs producing efficient lighting, appliances and other devices. Renewable energy involves the production, installation, and maintenance of wind turbines and solar panels, requiring large amounts of steel and electronics, as well as workers in new, skilled occupations. Once power plants are operating, large natural gas plants create 5 jobs in operations and maintenance for every \$1 million of revenue, and coal-burning plants create 9. For the same \$1 million in revenue, on-shore wind turbines create 12 jobs, and photovoltaics create 14. The growth of renewable energy has already led to demand for workers with new skills; training programs for wind industry technicians have been launched in Kansas and Iowa.<sup>10</sup> In the Clean Energy Future, they will be joined by many more.

## 1.4 BACK TO THE FUTURE?

### CLEAN ENERGY AND THE AUTO INDUSTRY

The most surprising part of the Clean Energy Future may be its projected expansion of the auto industry. Achieving 80 percent reduction of carbon emissions by 2050 requires some form of very low- or zero-carbon transportation. Expansion of mass transit can play a role in some areas, but most of the United States has population densities so low that individual vehicles will remain essential. Electric vehicles, running on

<sup>10</sup> Philip Warburg (2012), *Harvest the Wind: America's Journey to Jobs, Energy Independence and Climate Stability* (Beacon Press).

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renewable electricity, offer one of the most promising options for zero-carbon transportation.

This part of our analysis involves more uncertainty than the detailed representation of electric system options. Projection of the technologies of 2050 inevitably feels like gazing into a crystal ball. Looking at what will exist 35 years from now is comparable to anticipating today's technologies back in 1980 – a time when cellphones, personal computers, and the World Wide Web did not yet exist. Staring that far into the future, here is what we see for the auto industry.

We assume that it will be possible to expand renewable electricity production and electric vehicle production fast enough to convert 100 percent of gasoline-powered cars and light trucks to renewable electricity by 2050. Drivers who switch to electric vehicles will save money on fuel, spending much less on electricity than they previously did on gasoline. What happens to that fuel savings is crucial to the economic analysis of the Clean Energy Future.

We assume that the total cost of driving will initially be unchanged: while their fuel is cheaper, electric cars are more expensive.<sup>11</sup> Until 2030 the price premium for buying an electric rather than a gasoline vehicle will be exactly equal to the fuel savings. After 2030 we assume that the rapid expansion of the electric vehicle production will lead to cost reductions, so that the price premium for an electric vehicle is only 99 percent of the fuel savings in 2031, declining to 80 percent in 2050. This is a very cautious assumption; it is easy to imagine an expanding new industry reducing costs more quickly.

The increased cost of electric vehicles, reflecting the novelty and complexity of this technology, implies that manufacturing these vehicles will require more workers.<sup>12</sup> Recent data show that 48 percent of automobiles sold in the United States are produced domestically; we assume no change in that ratio through 2050. The increased employment due to auto production, as seen in [Figure 2](#), results from meeting 48 percent of the new demand for electric vehicles within the United States. If the American auto industry becomes more internationally competitive, there could be even greater gains.

The Clean Energy Future will not involve DeLoreans, gull-wing doors, or time travel. But it could take America back to a future where the auto industry is one of the keys to a revitalized manufacturing sector, creating new jobs producing the zero-carbon technologies of the late twenty-first century.

## 2. BEYOND THE CLEAN ENERGY FUTURE

The Clean Energy Future scenario presented in this report addresses more than half of 1990 carbon emissions, and slashes them by 86 percent. It provides three-quarters of the total emission reductions needed to reach the national target of 80 percent below 1990 levels by 2050 (see Table 1, column 3). The

<sup>11</sup> The cost of technology to provide electric space heating and water heating is assumed to be unchanged from previous technologies; in this case, changes in fuel costs for heating are passed on to end users.

<sup>12</sup> Many of the new jobs may be in production of batteries and charging stations. James Hamilton (2012), "Electric vehicle careers: On the road to change," *Occupational Outlook Quarterly*, <http://files.eric.ed.gov/fulltext/EJ974224.pdf>.



major sectors omitted from our analysis are industry, other transportation (excluding cars and light trucks), and agriculture. To meet the 80 percent target, carbon emissions from these other sectors must be cut by at least 42 percent over the next 35 years.

While a quantitative analysis of the other sectors is beyond the scope of this report, there are many options for closing the remaining gap, using technologies that exist or are under active development.

Industry accounts for 18 percent of U.S. carbon emissions (excluding emissions from electricity used by industry). Most of these emissions come from a few energy-intensive materials industries: chemicals, primary metals, paper, and cement.<sup>13</sup> Individual industries and product lines will require different technologies for emission reduction, but some specific opportunities are worth noting.

- Production of recycled metals and paper requires much less energy than the corresponding virgin materials, leading to reductions in greenhouse gas emissions.
- Electricity can be substituted for use of fossil fuels in many industrial processes; if electricity is produced from renewable energy, this can eliminate emissions.
- Iron and steel industry emissions are already falling in the United States, both because domestic steel production is declining and because the ongoing shift from basic oxygen furnaces to electric arc furnaces leads to lower emissions per ton of steel. With electricity from renewable energy, an electric arc furnace could produce steel with near-zero emissions.
- One branch of the chemical industry has had very high non-fuel greenhouse emissions in recent years. The first round of replacements for ozone-depleting substances in refrigeration and air conditioning involved hydrofluorocarbons (HFCs), which protect the ozone layer but are potent greenhouse gases. Research is proceeding rapidly on climate-friendly (and ozone-layer-friendly) alternatives to HFCs, and next-generation replacements have already been developed.<sup>14</sup>
- In cement, a very emissions-intensive industry, it is possible to reduce emissions through more energy-efficient production processes, switching to low-carbon fuels, changing the mix of materials used, and redesigning final products to require less cement.<sup>15</sup>

<sup>13</sup> Petroleum refining, often counted as one of the energy-intensive materials industries, has been included in our Clean Energy Future calculations since it supplies most of the energy used in transportation. In 2010, the primary metals, chemicals, paper and cement industries accounted for 69 percent of energy use in U.S. manufacturing (excluding petroleum refineries); calculated from the 2010 Manufacturing Energy Consumption Survey, [http://www.eia.gov/consumption/manufacturing/data/2010/pdf/Table1\\_2.pdf](http://www.eia.gov/consumption/manufacturing/data/2010/pdf/Table1_2.pdf). The same sectors also accounted for almost all non-energy GHG emissions from manufacturing.

<sup>14</sup> Suely Carvalho, Stephen O. Andersen, Duncan Brack, and Nancy J. Sherman (2015), "Alternatives to High-GWP Hydrofluorocarbons", Institute for Governance and Sustainable Development, <http://igsd.org/documents/HFCSharpeningReport.pdf>.

<sup>15</sup> Fischedick M., J. Roy, A. Abdel-Aziz, et al. (2014), "Industry," in Climate Change 2014: Mitigation of Climate Change [IPCC AR5 WG3; Edenhofer, O., R. Pichs-Madruga, Y. Sokona et al. (eds.)]. Cambridge University Press, Cambridge, UK and New York.



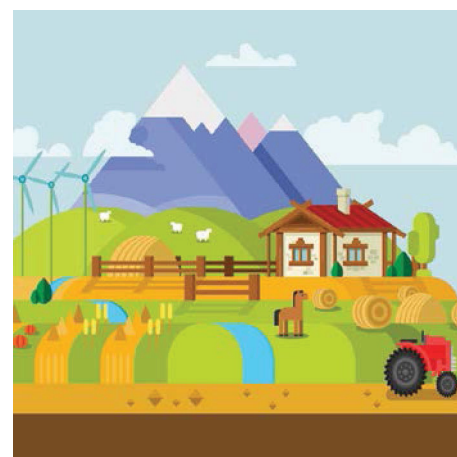
## THE CLEAN ENERGY FUTURE



**Non-car transportation** represented 10 percent of U.S. carbon emissions in 1990, primarily from trucks and airplanes. A National Research Council study found that existing technologies could lead to 40 to 50 percent improvements in truck fuel efficiency by 2020; the incremental cost of a new, fuel-efficient tractor-trailer pays for itself in fuel savings as long as diesel fuel remains above \$1.10 per gallon.<sup>16</sup> The International Energy Agency projects that fuel efficiency measures can reduce airplane emissions 43 percent below a business-as-usual baseline by 2050.<sup>17</sup> Additional reductions could come from shifting freight transportation from planes and trucks to trains.



**Agriculture** produces 7 percent of U.S. carbon emissions – largely in three areas, each of which has potential for mitigation. Nitrous oxide emissions from agricultural soils result from overuse of nitrogen fertilizers, and can be addressed by organic farming and/or more precisely targeted fertilizer applications. Methane from enteric fermentation (basically, cattle burping) can be reduced by use of more digestible feed. Methane from manure management on feedlots can be captured by digesters and used as fuel. In addition, per capita consumption of red meat is beginning to decline; continuation of that trend could lead to a reduction in livestock production, lowering emissions from cattle and feedlots.



Many strategies could contribute to emission reduction. Better urban planning and expanded mass transit, substitution of high-speed rail for flights on heavily traveled corridors, reduction in military activity, a continued decline in beef consumption – these and other possibilities for the next 35 years, none of which are included in our calculations, could also limit greenhouse gas emissions. But even without such far-reaching changes, there are numerous opportunities for emission reduction in the sectors beyond the Clean Energy Future scenario, which can help meet the target of an overall reduction in U.S. greenhouse gas emissions to 80 percent below 1990 levels by 2050.

Our evolving understanding of the climate crisis could eventually imply that even more needs to be done to reduce emissions beyond the 80 percent target. Likewise, more than 550,000 new jobs will be needed to create an inclusive and prosperous American economy. Nothing in this report is meant to suggest that the Clean Energy Future is the most we should strive for. Rather, it is the least we should consider. It shows that immense progress can be made, on both climate and employment, at no net cost. Going farther may require hard choices about budgets and resources - but going this far is free. Why would anyone want to do less?

<sup>16</sup> National Research Council (2010), Technologies and Approaches to Reducing the Fuel Consumption of Medium- and Heavy-Duty Vehicles. National Academies Press, Washington, D.C., [http://www.nap.edu/catalog.php?record\\_id=12845](http://www.nap.edu/catalog.php?record_id=12845).

<sup>17</sup> International Energy Agency (2009), *Transport, Energy and CO2: Moving Toward Sustainability*. Available at <https://www.iea.org/publications/freepublications/publication/transport2009.pdf>.



## CONCLUSION: WHY WAIT?

While more and more people agree that reducing greenhouse gas [GHG] emissions is necessary for the future of humanity, many wonder just how it can be done and worry that it will hurt their pocketbooks and threaten their jobs.

The Clean Energy Future laid out in this report represents a practical plan to reduce GHG emissions 80 percent by 2050 – the minimum reduction that climate scientists say can limit climate catastrophe. It shows that climate protection is not only affordable, but that it can actually save Americans money. The plan will create half a million more jobs than continuing on a fossil fuel pathway, most of them well-paid, family-supporting jobs in manufacturing and construction. The report answers the question it raised at the outset – “Is there a plan that reduces carbon emissions enough to stabilize the climate, creates growing numbers of good jobs, and at the same time avoids imposing new costs on consumers and taxpayers?” – with a resounding “yes.”

The Clean Energy Future plan provides a floor, not a ceiling, for what can be accomplished. It shows how we can meet climate goals with no net cost, and that doing so will create more jobs. But we can, and indeed should, do more. For example, mass transit can be expanded far faster. GHG reduction targets can be met earlier. GHG emissions can be reduced to near zero. We can achieve such goals just by accelerating and adjusting the same basic plan.

We can also achieve other goals besides climate protection as part of the same process. To achieve maximum benefit from the Clean Energy Future, we advocate four basic policies:

1. Climate protection will require the creation of tens of thousands of new jobs. But there is no guarantee that they will be good jobs. Indeed, depending on other economic trends, spending on climate protection could increase inequality and provide increasingly insecure, contingent work. Climate protection strategy should be designed to provide the maximum number of good, secure, permanent jobs with education, training, and advancement that provide maximum possible improvement in our job shortage. The deterioration in the quality of jobs is directly related to the reduction in the size and bargaining power of labor unions; reinforcing the right of workers to organize and bargain collectively should be an explicit part of public policy for climate protection.
2. Because some jobs will be lost in fossil-fuel related industries, we need a vigorous program to provide new, high-quality jobs and/or dignified retirement for workers in those industries. A Superfund to protect workers and communities from negative side effects of climate policies should be a central part of any climate program. Anything less will be unjust to workers and will undermine political support for climate protection programs.
3. The Clean Energy Future plan opens up new opportunities to counter the growing inequality and rampant racial, gender, and other injustice of our society. But many of those opportunities will be lost unless we have deliberate policies to realize them. Climate protection programs should include job pathways and strong affirmative action provisions for those groups that have been most

## THE CLEAN ENERGY FUTURE



excluded from good jobs in the past.

4. The Clean Energy Future also opens up a wide range of opportunities for creating a more democratic economy and society. It allows for a less top-down and more distributed energy system. It provides many opportunities for local economic initiatives, ranging from energy coops to locally- and community-based enterprises of many kinds. It will reduce the wealth and power of the fossil fuel corporations that have such a dominant role within our political system. These opportunities should not be squandered.

A series of forthcoming LNS reports will address in greater detail how the Clean Energy Future can best provide for high-quality jobs, protection for fossil fuel workers, advancement for disadvantaged groups, and a more democratic society.

The Clean Energy Future represents a pathway away from climate destruction that is also far better for workers and consumers than our current pathway based on fossil fuels. Should we let greed and inertia prevent us from taking it?



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# The Clean Energy Future: Technical Appendix

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Explanation and documentation of “The Clean Energy Future: Protecting the Climate, Creating Jobs, Saving Money”, a report from Synapse Energy Economics, Labor Network for Sustainability, and 350.org

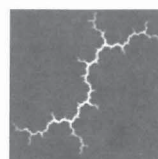
October 14, 2015

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## 1. INTRODUCTION

The “Clean Energy Future” report from Synapse Energy Economics and Labor Network for Sustainability presents a series of calculations showing that a clean energy scenario can slash carbon emissions, save money, and create hundreds of thousands of new jobs. This appendix explains and documents the calculations used in the report.

We begin with the reference case or business as usual scenario, then contrast it to the Clean Energy Future case. Emission reductions described in the report are based on the Clean Energy Future case emissions in 2050, compared to actual emissions in 1990. Most of the other calculations and results in the report, including costs and employment impacts, are based on the differences between the Clean Energy Future and Reference cases. In particular, the scenario differences in expenditures are the principal inputs into the analysis of job impacts, which we calculate with the IMPLAN model.

Because Synapse has produced other “clean energy future” studies with similar but not identical assumptions (and perhaps confusingly similar terminology), we conclude by contrasting this study with other related Synapse reports.

## 2. REFERENCE CASE

The Reference case reflects policies that were in place, visible trends and assumptions that seemed reasonable as of summer 2015, concerning the evolution of the US energy system in the absence of major new initiatives.

Federal policies that were adopted before the Clean Power Plan, such as environmental standards and vehicle fuel economy standards, are assumed to continue. The Clean Power Plan and any later standards are not included. Existing state-level Renewable Portfolio Standards (RPS), expressing state requirements to achieve specified percentages of renewable energy, are assumed to be met on schedule, but no new state regulations are adopted.

Retirements of coal and nuclear plants that were announced by June 2015 occur as scheduled; other existing plants remain available to supply electricity. Nuclear plants that are under construction or proposed are assumed to be built and used. While there is no prohibition on building additional nuclear plants, they are so expensive that they are never selected as part of the optimal plan for energy supply. All nuclear plants are assumed to retire after 60 years of operation, leading to a steep decline in nuclear capacity after 2030.

Future energy demand and price trends are based on the reference case from the federal Energy Information Administration’s *Annual Energy Outlook* (AEO). Since the AEO projections end in 2040, their growth rates in the 2030s are extrapolated to apply to the 2040s as well. Consistent with those





projections, we assume virtually no new movement toward electric vehicles or electric heating, but ongoing, gradual increases in vehicle fuel efficiency and other energy efficiency.

Costs of electric generating technologies are based on prior Synapse research, and on studies from the National Renewable Energy Laboratory (NREL). The Reference case assumes modest reductions in the price of wind and solar energy, gradually making them somewhat competitive – especially toward the end of the forecast period.

We modeled the electricity system that would be built under these assumptions, using NREL's Renewable Energy Development System (ReEDS) model. ReEDS is a long-term capacity expansion and dispatch model of the continental U.S. electric power system.<sup>1</sup> The model projects capacity, generation, and costs for each resource type for every even-numbered year through 2050. For distributed – mainly residential – photovoltaics (PV), which are not included in the ReEDS model, we used a rate of adoption based on solar power scenarios from NREL.<sup>2</sup>

Subject to these constraints, the ReEDS projection for the Reference case electricity system includes investment in any needed upgrades and pollution controls to keep existing coal and nuclear plants operating, while meeting new demand primarily though not exclusively with new gas plants. Some new investment occurs in renewable energy, both to meet state RPS requirements and because, in the later years of the projection, renewable energy becomes cost-competitive in many parts of the country. Demand reduction programs – offering customers reduced rates for interruptible power, which the utility can turn off at times of peak demand – also play an important part in avoiding new capacity.

In addition to formal modeling of the energy system, we assume that ongoing trends in waste management, which have already reduced emissions by one-third since 1990, will lead to zero carbon emissions by 2050. Carbon emissions from waste management consist almost entirely of methane from landfills. The progress of waste reduction, recycling and composting programs, combined with better management and methane capture at existing landfills, will continue to reduce emissions even further. This meets our criteria for the Reference case, since it is based on visible, existing trends. The assumption of zero emissions from waste by 2050 is common to both of our cases, and hence does not appear in the differences between them. It does, however, play a part in emission reduction from 1990 to 2050.

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<sup>1</sup> For ReEDS model documentation see Short et al. 2010. *Regional Energy Deployment System (ReEDS)*. Available at: <http://www.nrel.gov/docs/fy12osti/46534.pdf>

<sup>2</sup> In the Reference case we assume the price of PV installations drops by 40% from 2010 to 2020, then remains constant. We assume adoption is 80 percent as fast as in the NREL “Sunshot 50” scenario, in which prices drop by 50% from 2010 to 2020.

### 3. CLEAN ENERGY FUTURE CASE

#### 3.1. Scenario assumptions

Our Clean Energy Future case rests on many of the same assumptions and inputs as the Reference case. The Clean Energy Future case differs in two major respects: it models a more aggressive strategy for emission reduction and renewable energy adoption in ReEDS; and it extends those results to allow 100 percent of gasoline used in light vehicles and 80 percent of fossil fuels used in space heating and water heating to be replaced by renewable electricity.

To model policies aimed at rapid reduction of carbon emissions in ReEDS, we added or changed the following Reference case assumptions:

- Energy efficiency programs expand nationwide to match the performance of the most successful existing state programs.
- A national RPS is adopted, requiring that 70 percent of electricity is generated from renewable sources by 2040.
- The cost of solar PV installations drops by 75% from 2010 to 2020, compared to only 40% in the Reference case, driving more rapid and widespread adoption. Costs of other energy technologies are unchanged from the Reference case.
- Coal plants are scheduled for retirement, beginning with the oldest ones; half the capacity is gone by 2030 and almost all are gone by 2040. The handful of newest coal plants are assumed to operate for 35 years and then close, ensuring that coal is entirely phased out by 2050.
- No new nuclear plants can be built; plants that are planned, but not yet under construction, are assumed to be cancelled. This is the only change from Reference case assumptions about nuclear power, leading to slightly lower nuclear capacity. As in the Reference case, retirement of existing plants after 60 years of operation leads to a steep decline in nuclear capacity after 2030.
- Based on the NREL *Renewable Electricity Futures Study*, we initially assume that electric vehicles will account for 40 percent of the light vehicles (cars and light trucks) on the road in 2050.<sup>3</sup> (See below for revised assumption.) In combination with the other assumptions of the Clean Energy Future case, the expanded use of electric vehicles drives a rapid expansion in renewable generation.

These assumptions alone lead to a significant reduction in carbon emissions and increase in employment, at a net savings to the nation. They do not, however, approach the target of 80 percent

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<sup>3</sup> National Renewable Energy Laboratory (NREL). 2012. *Renewable Electricity Futures Study*. Hand, M.M., S. Baldwin, E. DeMeo, J.M. Reilly, T. Mai, D. Arent, G. Porro, M. Meshek, D. Sandor eds. 4 vols. NREL/TP-6A20-52409. Golden, CO: National Renewable Energy Laboratory. Available at: [http://www.nrel.gov/analysis/re\\_futures](http://www.nrel.gov/analysis/re_futures)



reduction in emissions by 2050. Most scenarios that reach or approach 80 percent emission reduction assume widespread adoption of electric vehicles, and sometimes heating, powered by renewable electricity.<sup>4</sup> Therefore, we modified the ReEDS model results to accommodate additional electrification of vehicles and heating, as follows:

- We scaled up the NREL assumptions about the expanded use of electric vehicles, to reach 100 percent electrification of gasoline-powered light vehicles by 2050.
- We assumed a linear rate of expansion of electrification of gas- and oil-fired space heating and water heating, starting from zero in 2015 and reaching 80 percent electrification in 2050.
- For each year, we calculated the percentage increase in wind and solar power (above the ReEDS model results) that would be needed to meet the additional demand from electric vehicles and heating. We assumed the needed percentage increase in wind and solar power would occur, at the same costs per unit as in the ReEDS model.
- For electric vehicles, we assumed that the total cost to consumers, i.e. vehicle purchases plus fuel, would be unchanged from gasoline vehicles through 2030. After 2030 we assumed a net savings to consumers, starting at 1 percent of fuel savings in 2031, rising linearly to 20 percent in 2050.
- For electric space and water heating, we assumed that the cost to consumers of furnaces and water heaters would be unchanged, so that the fuel savings from electrification flow through directly to consumers.

### 3.2. Emission reductions

Our study compares the greenhouse gas (GHG) emissions in 2050 under the Clean Energy Future case to actual U.S. emissions for the same sectors in 1990, from EPA's GHG inventory.<sup>5</sup> Those 1990 emissions include 1821 million metric tons (MMT) from electricity, 950 MMT from light-duty vehicles, and 206 MMT from waste management. As explained below, we estimate 314 MMT of carbon emissions in 1990 from residential heating and 135 MMT from commercial heating. Upstream fuel supply activities – coal mining, natural gas production and distribution, oil drilling and refining, and electricity transmission and distribution – together account for 374 MMT of emissions.<sup>6</sup> All activities included in this study emitted an estimated 3,800 MMT.

The derivation of 1990 emissions from residential and commercial fossil fuel heating is shown in Table 1. The GHG Inventory provided emissions from residential and commercial by fuel type. However, it did

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<sup>4</sup> For example, a study of options for California concluded that reaching 80 percent emission reduction by 2050 is impossible without widespread electrification of vehicles and other sectors, supplied by renewable energy. J.H. Williams et al. 2012. "The technology path to deep greenhouse gas emissions cuts by 2050: The pivotal role of electricity", *Science* 335, 53-59.

<sup>5</sup> US EPA, Inventory of U.S. Greenhouse Gas Emissions and Sinks, 1990-2013. April 15, 2015

<sup>6</sup> Id. Tables ES-2, ES-4 and 2-13. "Light-duty vehicles" includes passenger cars and light-duty trucks.





not isolate fuel emissions by end-use. Data on residential space and water heating by fuel type were provided by the Energy Information Administration (EIA) Residential Energy Consumption Survey.<sup>7</sup> Data on commercial space and water heating by fuel type was provided by the EIA Commercial Building Survey.<sup>8</sup> For both sectors, the share of each fuel type used for heating was applied to the GHG Inventory's estimate of emissions from each fuel.<sup>9</sup> Emissions from electric heating were attributed to the power sector rather than residential and commercial heating.

**Table 1: Carbon Emissions from Residential and Commercial Space and Water Heating in 1990 (Million metric tons of CO<sub>2</sub>)**

Sector and End-Use	Fuel Oil emissions (CO <sub>2</sub> MMT)	Natural Gas emissions (CO <sub>2</sub> MMT)	Potential emission reductions (CO <sub>2</sub> MMT)
<b>Residential</b>			
All uses	97	238	
Space and Water Heating only	92	222	<b>314</b>
<b>Commercial</b>			
All uses	63	142	
Space and Water Heating only	17	119	<b>135</b>

Source: Inventory of U.S. Greenhouse Gas Emissions and Sinks, 1990-2013 (emissions from all uses); EIA 1990 Residential Energy Consumption Survey (space and water heating fuel usage); EIA 1992 Commercial Building Survey (space and water heating fuel usage)

Clean Energy Future CO<sub>2</sub> emissions from the electric power sector in 2050 match the results of the Synapse EF study, discussed below (297 MMT). Additional electric load to serve electric heating and vehicles all comes from energy efficiency and renewable energy. Therefore, although significant electric load is being added to the system, it results in no additional carbon emissions. Reference case U.S. 2050 CO<sub>2</sub> emissions were based on EIA AEO projections of each sector's emissions by fuel type and end-use. As with other AEO projections used in this study, we extrapolated the AEO 2040 data to 2050 using the average annual growth rate from 2030 to 2040. This provided a baseline with which to reduce 2050 emissions under the clean scenario for heating and light-vehicle transportation. The percentage of 2050

<sup>7</sup> EIA, Household Energy Consumption and Expenditures 1990: Tables 31, 32, 39 and 40. Available at: [http://www.eia.gov/consumption/residential/data/archive/pdf/DOE%20EIA-0321\(90\).pdf](http://www.eia.gov/consumption/residential/data/archive/pdf/DOE%20EIA-0321(90).pdf)

<sup>8</sup> EIA, 1992 Commercial Building Survey: End-Use Consumption Tables 3 and 5. Available at: <http://www.eia.gov/consumption/commercial/data/1992/pdf/eui92.pdf>

<sup>9</sup> The only exception was commercial fuel oil usage for heating which was not specified in the Commercial Building Survey. As an estimate, we used the EIA's report share of all commercial fuel oil used for heating purposes in 2012 (26%).

adoption of electric heating (80% of 2050 residential oil and gas heating) and electric vehicles (97% of the 2050 light-duty fleet)<sup>10</sup> result in a commensurate reductions in the reference scenario emissions.

**Table 2: Carbon Emissions Reductions from Electricity, Transportation, and Heating (Million metric tons of CO<sub>2</sub>)**

<b>Sector</b>	<b>1990 emissions (CO<sub>2</sub> MMT)</b>	<b>Reference Scenario 2050 emissions (CO<sub>2</sub> MMT)</b>	<b>Clean Scenario 2050 emissions (CO<sub>2</sub> MMT)</b>	<b>Clean Scenario % reduction from 1990 emissions</b>	<b>Clean Scenario % reduction from 2050 Ref Scenario</b>
Electricity	1,821	2,212	297	84%	87%
Light-duty transportation	950	737	26	97%	97%
Residential heating	314	212	42	86%	80%
Commercial heating	135	103	21	85%	80%

## 4. THE TWO CASES COMPARED

### 4.1. Electricity Sector

The electricity sector modeling in ReEDS builds new capacity in both the Clean Energy Future and Reference cases in order to meet regional reserve margin requirements (i.e. additional capacity above peak load). The Clean Energy Future results in more coal retirements (see Figure 1), fewer new natural gas plants being built (see Figure 2) and much more renewable capacity (see Figure 3 and Figure 4) and efficiency. For this study, we extrapolated the renewable, efficiency and transmission requirements to meet additional load from electric vehicles and electric heating.

<sup>10</sup> This does not represent 100% of light-duty vehicle emissions because only gasoline emissions are displaced. We assume that light-duty diesel vehicles--and by extension their emissions--still exist in 2050.

Figure 1. Coal generation capacity

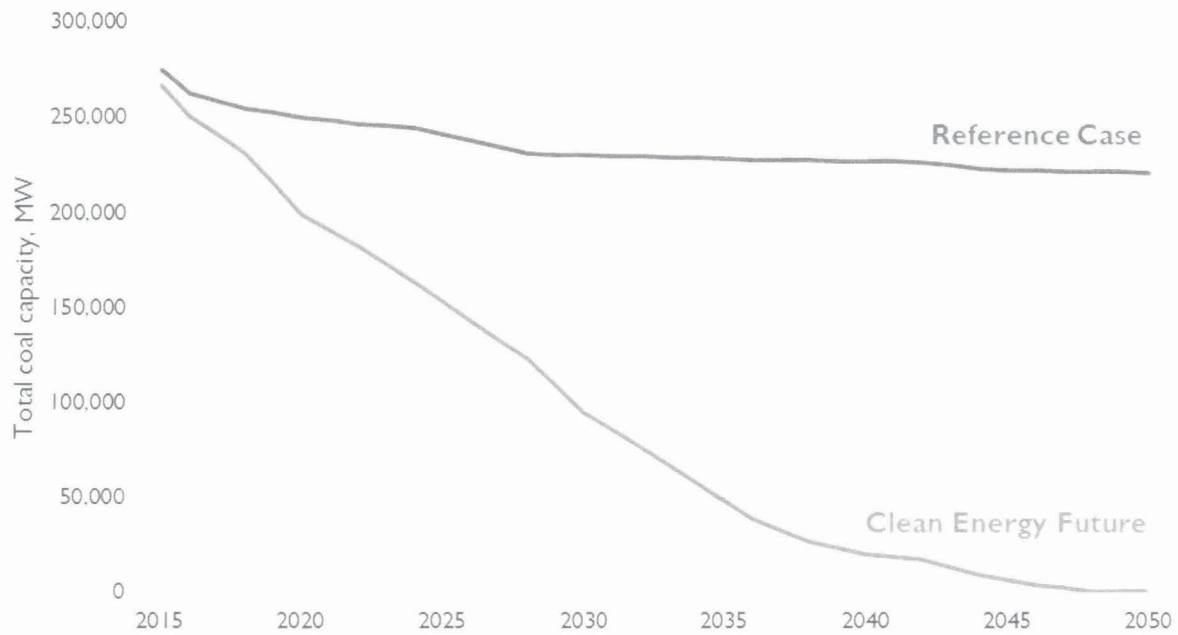


Figure 2. Gas generation capacity

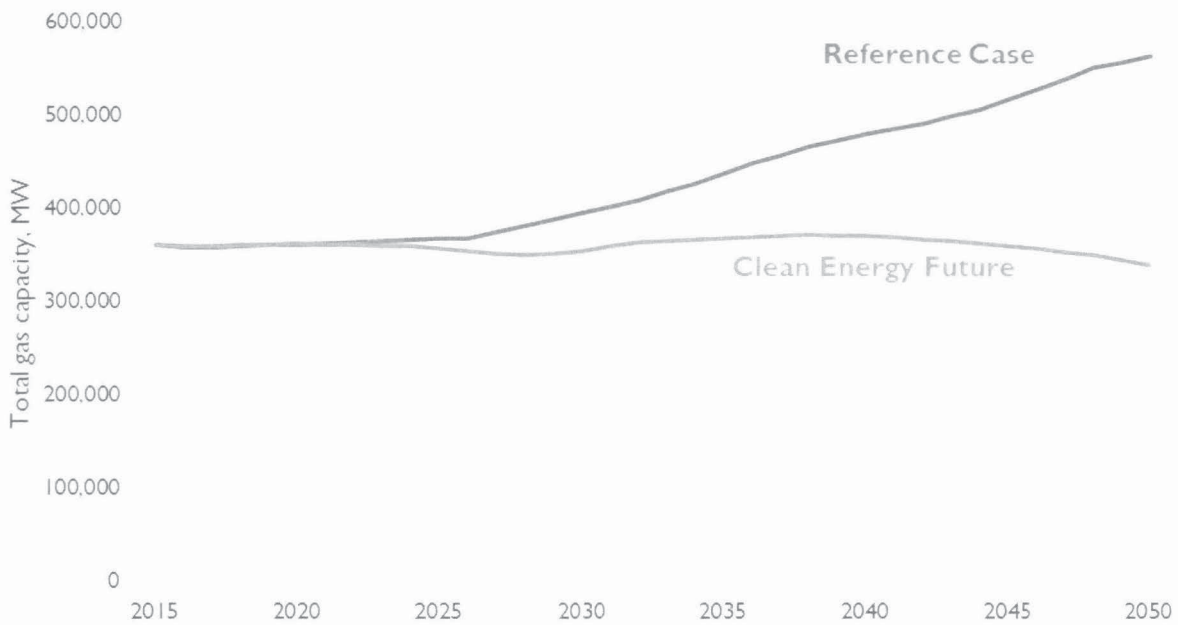




Figure 3. Wind generation capacity

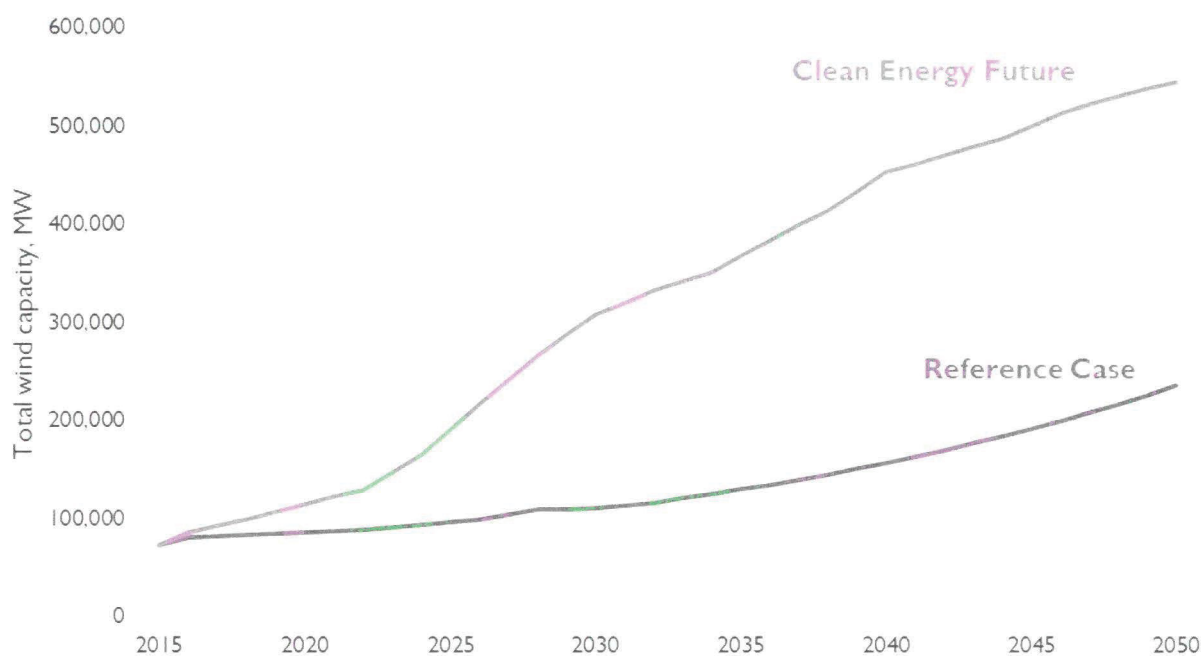


Figure 4. Solar generation capacity

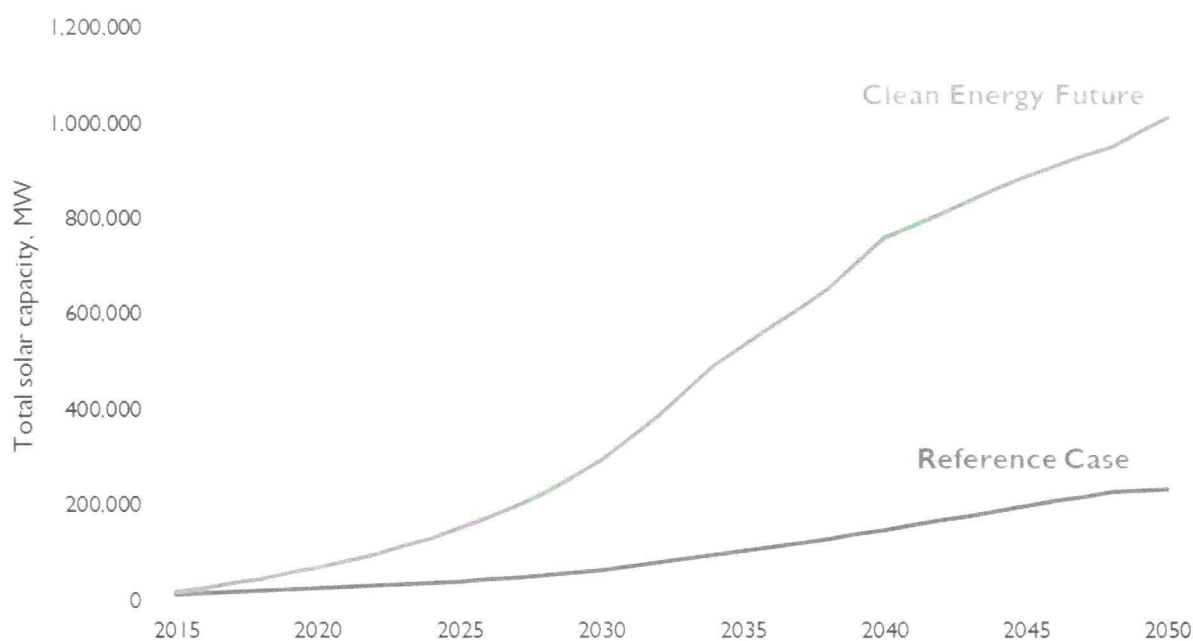


Table 3 below shows the difference in capital costs between the two scenarios (Clean Energy Future costs minus Reference costs). These costs are used in developing economic impacts from construction, as explained in the next section. Even when the avoided cost of constructing new fossil fuel plants is

subtracted, the Clean Energy Future requires a net annual average increase of \$80 billion in capital spending, above the Reference case. A majority of the new spending (\$48 billion per year) is on new energy efficiency which obviates the need for additional generating resources. For new renewable sources, over \$18 billion per year is spent on solar photovoltaics (small-scale and utility-scale combined) and nearly the same amount on new wind (including a small amount of off-shore)—in addition to what is spent in the Reference case.

Table 3: Incremental Electricity Sector Capital Costs by Resource (\$2013 millions)

Resource type	2016-2020	2021-2030	2031-2040	2041-2050	Annual Average
Battery	\$0	\$0	\$100	\$100	\$0
Biomass	\$2,000	-\$2,400	\$3,300	\$0	\$100
Coal	\$0	\$0	\$0	\$0	\$0
Coal Retrofits	-\$18,300	-\$21,700	-\$140,300	-\$73,200	-\$7,200
Energy Efficiency	\$142,900	\$503,300	\$532,500	\$505,100	\$48,100
Geothermal	-\$2,200	\$11,600	\$37,100	\$200	\$1,300
Hydro	\$600	\$12,900	\$51,100	\$19,500	\$2,400
Natural Gas CC	-\$200	-\$14,000	-\$15,100	-\$61,600	-\$2,600
Natural Gas CT	-\$200	-\$26,300	-\$49,800	-\$45,400	-\$3,500
Nuclear	-\$11,900	-\$8,600	-\$21,500	-\$15,800	-\$1,700
Off-shore wind	\$300	\$2,300	\$2,700	\$6,400	\$300
On-shore wind	\$11,200	\$282,400	\$214,500	\$105,800	\$17,500
Pipeline	-\$24,500	-\$49,000	-\$49,000	-\$49,000	-\$4,900
Solar CSP	\$0	\$6,900	\$97,000	\$177,900	\$8,100
Solar PV (small scale)	\$43,000	\$103,500	\$115,300	\$53,300	\$9,000
Solar PV (utility scale)	-\$300	\$102,500	\$260,000	-\$21,600	\$9,700
Transmission	\$2,400	\$23,800	\$39,500	\$54,100	\$3,400
<b>TOTAL</b>	<b>\$144,800</b>	<b>\$927,200</b>	<b>\$1,077,400</b>	<b>\$655,800</b>	<b>\$80,000</b>

The electricity sector modeling in ReEDS dispatches resources in both scenarios in order to meet energy requirements for different times of day, throughout the year. Again, the energy required for electric vehicles and electric heating was extrapolated from renewable energy, energy efficiency and transmission. The costs of operating each generating resource are comprised of both variable and fixed costs—that is, costs that fluctuate with the level of output and costs that do not. (These costs are used in developing economic impacts from construction, as explained in the next section.)

Table 4 below shows the difference in operating costs between the two scenarios. Not surprisingly, the Clean Energy Future results in lower operating costs for coal, natural gas, and (to a lesser extent) nuclear resources. This is the result of more retirements of these resources, as lower-cost renewables and efficiency displace the need for energy from traditional resources. Increased operating costs for wind

and solar power are small by comparison. Thus the Clean Energy Future results in a net annual average reduction in operating costs of \$59 billion per year below the Reference case. Most of this decrease comes from coal generation and retrofit operations (\$55 billion per year) and natural gas (\$26 billion per year).

Table 4: Incremental Operations and Maintenance Costs by Resource (\$2013 millions)

Resource type	2016-2020	2021-2030	2031-2040	2041-2050	Annual Average
Battery	\$0	\$0	\$100	\$0	\$0
Biomass	\$200	-\$1,400	\$500	\$45,700	\$1,300
Coal	-\$28,900	-\$265,100	-\$618,900	-\$739,900	-\$47,200
Coal Retrofits	-\$3,700	-\$48,800	-\$105,000	-\$121,500	-\$8,000
Energy Efficiency	\$0	\$0	\$0	\$0	\$0
Geothermal	\$300	\$5,400	\$17,500	\$66,400	\$2,600
Hydro	\$2,300	\$9,300	\$18,000	\$61,200	\$2,600
Natural Gas CC	-\$12,800	-\$110,900	-\$282,500	-\$478,400	-\$25,300
Natural Gas CT	-\$300	-\$1,300	-\$6,500	-\$12,100	-\$600
Nuclear	-\$300	-\$4,900	-\$20,200	-\$42,500	-\$1,900
Off-shore wind	\$100	\$900	\$1,500	\$3,000	\$200
On-shore wind	\$4,600	\$58,600	\$133,500	\$165,900	\$10,400
Pipeline	\$0	\$0	\$0	\$0	\$0
Solar CSP	\$100	\$600	\$6,900	\$45,300	\$1,500
Solar PV (small scale)	\$2,300	\$17,300	\$34,300	\$47,100	\$2,900
Solar PV (utility scale)	\$300	\$6,600	\$35,600	\$50,300	\$2,700
Transmission	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>-\$35,800</b>	<b>-\$333,700</b>	<b>-\$785,200</b>	<b>-\$909,500</b>	<b>-\$58,800</b>

## 4.2. Transportation

Additional electric vehicles add load to the electrical system and displace the emissions and costs of gasoline use—shown in Table 5. The additional electrical load (to meet our projected expansion of electric vehicles above NREL’s adoption level) is assumed to be met with renewable energy. Our Reference case projections of gasoline usage come from the Energy Information Administration’s (EIA) Annual Energy Outlook 2015 (AEO 2015). These projections account for regulations that have been finalized, such as the corporate average fuel economy (CAFE) standards for model years 2017 through



2025.<sup>11</sup> As shown in the table, this means that the Clean Energy Future does not count savings from the latest fuel economy standards—only *incremental* savings from measures beyond the Reference case, such as electrification.

Table 5: Gasoline Savings in Clean Energy Future<sup>12</sup>

	2020	2030	2040	2050
Average miles per gallon (Reference case)	24	31	36	41
Avoided consumption (million gallons)	5,288	19,847	51,474	88,682
Avoided consumption (% of Reference case)	4%	20%	55%	100%
Price per gallon (\$2013)	\$2.74	\$3.20	\$3.90	\$4.75
Avoided gasoline spending (\$2013 millions)	\$14,469	\$63,472	\$200,679	\$421,489

We assume that most of the gasoline savings is not passed on to the consumer. Between 2016 and 2030, we assume that the fuel savings from transportation (= avoided gasoline spending minus additional cost of electricity for charging) is exactly matched by the cost of electric vehicles. In 2031, we assume that 1% of net fuel savings flows to customers, an amount that increases by 1% per year to reach 20% of net savings passing through directly to the consumer in 2050.

### 4.3. Heating

Similar to our treatment of transportation, for space and water heating we assume substantial movement from burning fossil fuels to using clean electricity. The Clean Energy Future assumes that 80% of residential and commercial heating with natural gas and fuel oil is replaced with electricity by 2050. As shown in Table 6 and Table 7 below, this results in combined savings of nearly \$90 billion on fossil fuel heating.

<sup>11</sup> See AEO 2015 Transportation Demand Module: <http://www.eia.gov/forecasts/aeo/assumptions/pdf/transportation.pdf>

<sup>12</sup> Reference case projections through 2040 are from EIA's AEO 2015. Data from 2041-2050 was extrapolated based on the average annual growth rate from 2031-2040. Available here: <http://www.eia.gov/forecasts/aeo/data.cfm>. AEO 2015 Tables: *Transportation Sector Energy Use by Fuel Type Within a Mode, Reference case; Transportation Sector Key Indicators and Delivered Energy Consumption, Reference case; Petroleum and Other Liquids Prices, Reference case*

Table 6: Natural Gas Heating Savings in Clean Energy Future<sup>13</sup>

	2020	2030	2040	2050
Avoided residential NG consumption (tcf)	388	1,164	1,940	2,716
Avoided commercial NG consumption (tcf)	200	600	1,000	1,400
Avoided consumption (% of Reference case)	10%	29%	52%	80%
Avoided natural gas spending (\$2013 millions)	\$6,590	\$21,713	\$43,818	\$74,278

Table 7: Fuel Oil Heating Savings in Clean Energy Future Scenario<sup>14</sup>

	2020	2030	2040	2050
Avoided residential fuel oil consumption (mil. barrels)	8.8	26.5	44.1	61.8
Avoided commercial fuel oil consumption (mil. barrels)	2.4	7.1	11.8	16.5
Avoided consumption (% of reference scenario)	7%	27%	56%	80%
Avoided fuel oil spending (\$2013 millions)	\$1,189	\$4,233	\$8,630	\$14,914

As with EVs, the electrical load to provide heating is assumed to be met with additional renewable energy. All of the net fuel savings from heating is assumed to pass through to consumers.

## 5. EMPLOYMENT CALCULATIONS

In all sectors, we account for both the economic gains and losses that come with investing in clean energy. This study estimates the “net” jobs from the clean energy future, that is: the jobs created by the Clean Energy Future *minus* the jobs created in the Reference case. For the electricity sector, the net jobs depend on the differences in capital and operating costs between scenarios. We account for the increased activity and job creation from new resources in the Clean Energy Future, and also the avoided activity (i.e., decrease in spending and loss of jobs) from resources that exist only in the Reference case. Similarly, heating and transportation sectors generate economic impacts resulting from new electricity service and electric vehicles but also include losses from the fossil fuel industry.

We estimated the net employment impacts from the following activities – that is, increases or decreases in employment in the Clean Energy Future relative to the Reference case:

- Construction of generating resources, transmission and energy efficiency installations

<sup>13</sup> Id. AEO 2015 Tables: *Energy Consumption by Sector and Source, United States, Reference case; Residential Sector Key Indicators and Consumption, Reference case; Commercial Sector Key Indicators and Consumption, Reference case; Natural Gas Supply, Disposition, and Prices, Reference case*

<sup>14</sup> Id. AEO 2015 Tables: *Energy Consumption by Sector and Source, United States, Reference case; Residential Sector Key Indicators and Consumption, Reference case; Commercial Sector Key Indicators and Consumption, Reference case; Petroleum and Other Liquids Prices, Reference case*

- Operations of energy resources
- Electric vehicle manufacturing from new electric vehicle demand
- Avoided petroleum refining from reductions in gasoline usage caused by electric vehicles
- Avoided natural gas and petroleum extraction from reductions caused by electric heating

For the electric sector, we developed customized inputs for the IMPLAN model using spending patterns produced for NREL's JEDI model.<sup>15</sup> For each resource, we estimated the portion of the investment spent on materials versus labor based on data provided from the JEDI model. Impacts from electric vehicles, petroleum refining and natural gas and oil extraction were more straightforward since these industries directly correspond to IMPLAN industries.<sup>16</sup> IMPLAN captures the relationships between industries and institutions in order estimate the multiplier impacts from each direct activity. The types of employment impacts are defined as follows:

- **Direct impacts** are comprised of jobs for contractors, construction workers, plant operators and automobile manufacturers. We developed these estimates using the amount of investment, the share of that investment spent on labor for each resource, and industry-specific wages.
- **Indirect impacts** are jobs that support the direct activities. For instance, an investment in a new wind farm not only creates jobs at the wind farm, but also down the supply chain, increasing jobs for turbine and other component manufacturers. We adjusted the IMPLAN model's base resource spending allocation assumptions for the entire electric industry based on NREL data on requirements for each individual resource.
- **Induced Impacts** result from employees in newly created direct and indirect jobs spending their paychecks locally on restaurants, car repairs, and countless other consumer goods and services. Induced impacts also come from customer savings on energy spending, which are spent on the same broad range of goods and services.

Table 8 shows the breakdown of employment impacts by direct, indirect and induced jobs. (The annual employment impacts are presented in Figure 2 of the report.) Importantly, most of the new job activity comes from direct employment in construction and operation of energy resources.

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<sup>15</sup> NREL Jobs and Economic Development Impact (JEDI): [http://www.nrel.gov/analysis/jedi/about\\_jedi.html](http://www.nrel.gov/analysis/jedi/about_jedi.html). Information on IMPLAN is available at <http://implan.com/>



Table 8: Net Direct, Indirect and Induced Employment Impacts (cumulative job-years)<sup>17</sup>

Impact Type	Total Job-Years	Average Annual Jobs
Direct	10,692,400	305,500
Indirect	1,464,300	41,800
Induced	7,141,200	204,000
<b>TOTAL</b>	<b>19,298,000</b>	<b>551,400</b>

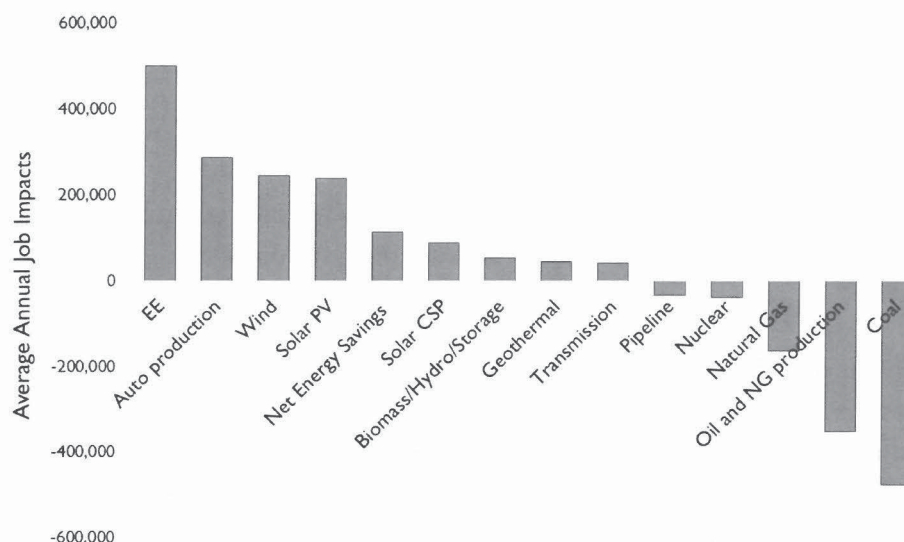
Table 9 shows the breakdown of employment impacts by the source of impact through 2050. The highest amount of job activity comes from energy efficiency (over 500,000 average jobs per year) followed by automobile production, wind and solar. The largest reduction in jobs comes from coal (-476,000 average jobs per year) followed by oil and natural gas production, and natural gas-fired generation. Figure 5 shows the results for average annual job impacts ranked from highest to lowest.

Table 9: Net Job Impacts by Resource (cumulative job-years)

Resource type	2016-2020	2021-2030	2031-2040	2041-2050	Total Job-Years	Average Annual Jobs
Auto production	172,300	1,084,100	2,980,100	5,809,100	10,045,600	287,000
Biomass/Hydro/Storage	67,800	149,000	573,900	1,106,800	1,897,500	54,200
Coal	-549,700	-2,861,600	-6,925,500	-6,334,500	-16,671,300	-476,300
Energy Efficiency	1,790,700	5,751,100	5,428,400	4,569,200	17,539,400	501,100
Geothermal	-23,200	215,800	600,000	771,200	1,563,800	44,700
Net Energy Savings (+)	-785,300	-1,560,200	515,600	5,802,100	3,972,200	113,500
NG	-72,100	-981,900	-1,866,400	-2,792,500	-5,712,900	-163,200
Nuclear	-190,700	-174,600	-465,600	-541,500	-1,372,400	-39,200
Oil and Natural Gas	-198,700	-1,369,600	-3,563,400	-7,202,700	-12,334,400	-352,400
Pipelines	-197,700	-361,800	-321,100	-285,000	-1,165,600	-33,300
Solar CSP	1,400	80,900	1,011,600	2,023,200	3,117,100	89,100
Solar PV	516,100	2,375,800	4,217,100	1,261,100	8,370,100	239,100
Transmission	36,800	330,600	487,200	614,300	1,468,900	42,000
Wind	167,600	3,154,000	3,030,900	2,227,300	8,579,800	245,100
<b>TOTAL</b>	<b>735,400</b>	<b>5,831,500</b>	<b>5,702,900</b>	<b>7,028,300</b>	<b>19,298,000</b>	<b>551,400</b>

<sup>17</sup> All jobs in this report are in terms of full-time equivalents (FTE's). IMPLAN data for each industry was used to translate number of workers into FTE's. We also assumed annual productivity gains across all industries which cause job impacts per dollar spent to decrease over time. The productivity assumption is based on the 1.2% average annual gains over the past 30 years from the Bureau of Labor Statistics (BLS).

Figure 5: Average Annual Net Job Impacts by Resource



Renewable energy and energy efficiency typically create more jobs for the same amount of capacity provided by coal and natural gas generation. This is partly because more of the cost of clean energy is spent on labor rather than on capital and fuel. The electrification of heating and transportation also displaces fossil fuels previously used for those purposes. Thus the clean energy scenario leads to a shift from extractive industries to more labor-intensive industries. Table 10 shows that much of the job creation is in the construction and manufacturing industries while the largest losses come from mining and extraction. (The percentages are also reported in Table 2 of the main report.)

Table 10: Net Job Impacts on Major Sectors (cumulative job-years)

	Construction	Manufacturing	Mining/Extraction	All Sectors
Net job-years (2016-2050)	8,404,424	6,563,119	(3,564,627)	<b>19,297,974</b>
% of all net jobs	44%	34%	-18%	

## 6. COMPARISON TO OTHER SYNAPSE STUDIES

The electricity sector scenarios relied heavily on previous electricity modeling that Synapse performed for the Energy Foundation (EF) that focused on the impact of a clean energy scenario on customers' electricity bills.<sup>18</sup> That study used the Renewable Energy Development System (ReEDS) model designed

<sup>18</sup> Knight, Patrick et al. *Bill Savings in a Clean Energy Future*. July 23, 2015.

by the National Renewable Energy Laboratory (NREL). ReEDS is a long-term capacity expansion and dispatch model of the continental U.S. electric power system.<sup>19</sup> The model projects capacity, generation, and costs for each resource type for every even-numbered year through 2050.

Key differences between this and the EF study include:

- **Extension of analysis past 2040.** The EF report analyzed a clean energy future through 2040. For this study, we have extended the analysis to 2050 in order to match up with many nations' climate goals.
- **Incorporating participant costs for solar PV and energy efficiency.** The most significant change from the EF study was the incorporation of additional electric vehicle and electric heating loads. Synapse's previous study was not intended to address the transformation of transportation and heating. As a result of the transfer of energy between sectors, we also have to capture the full costs to customers, including those paid out-of-pocket by participants for installing solar PV systems and efficiency measures. The previous study for EF was intended only to address costs that would appear on customers' electricity bill (i.e. utility system costs).
- **Investments in natural gas pipeline were developed for both the Clean Energy Future and Reference cases.** In this study, we assumed that pipelines would be needed for natural gas distribution in the clean scenario due to local gas constraints. We used the same methodology as the EF reference scenario to develop pipeline investment assumptions for the clean energy scenario.
- **More electric vehicle adoption.** For this study the Clean Energy Future assumes that 100% of light-duty, gasoline powered vehicles are replaced with electric vehicles (EVs) by 2050. For the EF study the level of EV adoption was from an NREL study which projected that EVs would be 40% of light-duty vehicle stock by 2050.<sup>20</sup>
- **Additional renewable energy and energy efficiency to serve new load from EVs and heating.** We scaled up the buildout and costs for renewables and efficiency to meet this additional load while maintaining the same share of each resource's contribution to total renewable generation. We also assumed that transmission investments were increased to accommodate the integration of more renewables.

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Available at: <http://synapse-energy.com/sites/default/files/Bill-Savings-in-a-Clean-Energy-Future.pdf>

<sup>19</sup> *Id.*, p.12. ReEDS model documentation: Short et al. 2010. *Regional Energy Deployment System (ReEDS)*. Available at: <http://www.nrel.gov/docs/fy12osti/46534.pdf>

<sup>20</sup> National Renewable Energy Laboratory (NREL). 2012. *Renewable Electricity Futures Study*. Hand, M.M., S. Baldwin, E. DeMeo, J.M. Reilly, T. Mai, D. Arent, G. Porro, M. Meshek, D. Sandor eds. 4 vols. NREL/TP-6A20-52409. Golden, CO: National Renewable Energy Laboratory. Available at: [http://www.nrel.gov/analysis/re\\_futures](http://www.nrel.gov/analysis/re_futures)





**Moore-Love, Karla**

---

**From:** Armstrong, Michael  
**Sent:** Wednesday, November 11, 2015 7:35 AM  
**To:** Moore-Love, Karla  
**Subject:** FW: Resolution 1157, EcoLube Recovery  
**Attachments:** EcoLube Recovery Background.pdf

Hi Karla,

Monica Bomber has asked that the attached document be shared with Council members as a follow up to her testimony last week on Council item 1157, which will be heard again on Thursday afternoon. Can you share it with the appropriate people?

Thanks,  
Michael

---

**From:** Bomber, Monica (DG-POR) [mailto:Monica.Bomber@BWDesignGroup.com]  
**Sent:** Monday, November 09, 2015 6:32 PM  
**To:** Armstrong, Michael <Michael.Armstrong@portlandoregon.gov>  
**Cc:** Boyce, Allen (DG-POR) <Allen.Boyce@bwdesigngroup.com>; Joe Stanaway <joe.stanaway@ecoluberecovery.com>; Commissioner Fritz <amanda@portlandoregon.gov>  
**Subject:** Resolution 1157, EcoLube Recovery

Michael,

Thank you. I just wanted to follow up with the summary, I promised, about EcoLube Recovery. I have attached a document written by EcoLube Recovery's CEO, Joe Stanaway. It includes background about oil recovery, information about what they do, future recommendations from EcoLube Recovery and expresses their support for the resolution. If you have a chance to share this with the council that would be appreciated.

Let me know if you have any questions.

Best,

**Monica Bomber**  
Project Engineer


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ClearLube Re-Refining

# EcoLube Recovery™

Innovation for the Waste Oil Re-refining Industry



## Background – The Used Oil Recycling Market and Process

The United States produces approximately 2.5B gallons of various lubricant oils per year, of which 1.3B is consumed in process, leaving available for recycle in some fashion the remaining 1.2B gallons.

Europe currently recycles 75% of the collectable used oil while in the USA it is projected that less than 50% is captured. Currently only an estimated 300 million gallons are actually re-refined into Group II base oil for reuse while the balance is either improperly disposed of or sold as low grade fuel to burn.

The conventional processing of waste engine oil involves three sequential steps:

1. Oil filtering and separation – removes water & contaminants from the collected used fluids creating a low BTU, dirty fuel oil traditionally used at portable asphalt plants and the marine bunker market. It is also sold to re-processing and re-refining facilities for further upgrade.
2. Re-processing – utilizes Thin Film Evaporation (TFE) equipment to separate lighter hydrocarbons from the base oil and remove the additive packages in modern vehicle oils. The output from the TFE is currently sold into the marine diesel market or to recyclers with large hydrotreater plants. (*note:* this is the feedstock for the EcoLube Recovery™ process)
3. Re-refining – in large metropolitan areas existing hydrotreater technology is used to remove the remaining color-causing contaminants from the base oil, rendering it water white. The output is Group II base oil that is sold to make new engine oil or a range of industrial lubricants.

## The ELR Advantage

EcoLube Recovery™ (ELR) is a recently formed environmental services company owned by ClearLube Re-Refining (CLRR) dedicated to the sustainable reuse of spent engine oil and industrial lubrication fluids.

ELR is owned and managed by entrepreneurs in the Pacific Northwest. The company has chosen Portland to locate its initial site to coincide with the City's progressive philosophy of using the earth's resources wisely.

Our patented proprietary process upgrades partially treated used lubrication oils via re-refining steps which create a final product (Group II base oil) that can be used as new engine oil. Every gallon of oil which is re-refined by ELR is a gallon of oil that can be left in the ground.

ELR has joint ventured with a local Portland based re-processing facility that utilizes a basic cleaning process to create an end product sold as a low grade fuel for marine diesel engines. ELR will convert the fuel into a reusable Group II base oil which allows for the recapture of the lubricating properties. Our process can clean and return used oil to its original molecular structure an infinite amount of times.

The company plans to process 6MM gallons during the startup phase and grow to 10MM gallons per year. Over the 20-year life of the project it will allow the Pacific Northwest to avoid the need for 200MM gallons of new lubricating oil. It can be left in the ground.

**Recommendation**

In addition to the passage of resolution 1157, ELR recommends the City Council to follow the lead of many states and municipalities in mandating the use of re-refined lubricating oil in the City fleet of vehicles. The company desires to be a reliable local partner to allow for the efficient and sustainable reuse of lubricating oil in the community. ELR fully supports the intentions of resolution 1157 and believe our process is a meaningful piece of the overall strategy to keep fossil fuels in the ground.

**Moore-Love, Karla**

---

**From:** Byron Harmon <harmb198@newschool.edu>  
**Sent:** Wednesday, November 11, 2015 11:13 AM  
**To:** Commissioner Fish; Commissioner Novick; Commissioner Saltzman; Hales, Mayor; Commissioner Fritz  
**Cc:** Moore-Love, Karla  
**Subject:** No New Fossil Fuel Infrastructure  
**Attachments:** PDX Statement.docx

Dear Commissioners and Mayor Hales,

The undersigned Faculty and Graduate Students of the NSSR Economics department support the City of Portland opposing the expansion of infrastructure whose primary purpose is the transportation or storage of fossil fuels. We acknowledge the clear and present imperative imposed by climate change: the decisive reduction in greenhouse gas emissions for 5 reasons.

1. The data on climate change is clear. Research shows that in order to avoid a global temperature rise above 2<sup>0</sup> C 33% of oil reserves, 50% of gas reserves, and over 80% percent of coal reserves must remain unused.[i] This will require a drastic reduction fossil fuel extraction, transportation and consumption.
2. The full costs of climate change, habitat loss, and human health are not reflected in fossil fuel prices. [ii] The construction of new fossil fuel infrastructure in Portland would localize these externalized costs. The people of Portland would bear these externalities as they repaired environmental damage or the permanent loss of habitat[iii] and they would bear it in localized health expenses.
3. Fossil Fuels are a bad investment. Within the fossil fuel industry there is a growing trend of overinvestment and overleveraging resulting in high risk of insolvency.[iv] Allowing for new fossil fuel infrastructure in Portland would tie Portland to a lead weight. The taxes received from a new industry are a reflexive relationship between the city and the industry. The city may extract a tax and expand its expenditure. Conversely, a portion of the city's expenditure becomes contingent upon the new industry, providing the new industry tacit leverage. This linkage would bind the prosperity of Portland with the fossil fuel industry and risk the city spending money to lift up a dying industry. The linkage of a boom-bust industry with local prosperity is a tale known by Oregonians. Towns and cities throughout Oregon linked their economies with the timber industry. The necessary restrictions on timber harvests and mechanization have led to a secular trend of stagnation in these communities. It is foreseeable that an analogous "necessary restriction" will be imposed upon the fossil fuel industry.
4. Taxes on fossil fuels and other policies are a complement to prohibiting new fossil fuel infrastructure, not a substitute. Mitigating climate change requires a multifaceted approach to decrease fossil fuel consumption and transition to green energy sources. Implementing these policies while ushering in new infrastructure would be self-defeating.
5. We believe any revenue that could be generated from new fossil fuel infrastructure could be generated by focusing on green infrastructure. Because of Portland's limited role as an intermediary waypoint and the capital intensity of the proposed projects, Portland would contribute negligible value added. Fostering green infrastructure would lead to more value added by firms in Portland.

Supportively,  
 Lopamudra Banerjee



Assistant Professor

37168

Duncan Foley  
Leo Model Professor of Economics

Teresa Ghilarducci  
Bernard and Irene Schwartz Chair in Economic Policy Analysis

Willi Semmler  
Arnhold Professor of International Cooperation and Development

Mark Setterfield  
Professor

#### Graduate Students

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Ibrahim Shikaki  
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Kyle Moore  
Alex Pavlakis  
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[i] <http://www.nature.com/nature/journal/v517/n7533/full/nature14016.html>

[ii] <http://www.imf.org/external/pubs/cat/longres.aspx?sk=42940.0>

[iii] [http://alaska.usgs.gov/science/biology/nearshore\\_marine/evos.php](http://alaska.usgs.gov/science/biology/nearshore_marine/evos.php)

[iv] [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2673066](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2673066)

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[iii] [http://alaska.usgs.gov/science/biology/nearshore\\_marine/evos.php](http://alaska.usgs.gov/science/biology/nearshore_marine/evos.php)

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<sup>i</sup> <http://www.nature.com/nature/journal/v517/n7533/full/nature14016.html>

<sup>ii</sup> <http://www.imf.org/external/pubs/cat/longres.aspx?sk=42940.0>

<sup>iii</sup> [http://alaska.usgs.gov/science/biology/nearshore\\_marine/evos.php](http://alaska.usgs.gov/science/biology/nearshore_marine/evos.php)

<sup>iv</sup> [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2673066](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2673066)

**Moore-Love, Karla**

---

**From:** Debbie Aiona <mdjaiona@aracnet.com>  
**Sent:** Wednesday, November 11, 2015 9:11 PM  
**To:** Hales, Mayor; Commissioner Fish; Fritz, Amanda; Commissioner Novick; Saltzman, Dan  
**Cc:** Nieves, Cristina; Dingfelder, Jackie; Armstrong, Michael; Moore-Love, Karla; Margaret Noel; Julie Chapman  
**Subject:** LWV: fossil fuel infrastructure, Resolution 1179  
**Attachments:** LWV - Resolution 1179 and Proposed Amendments.pdf; ATT00001.txt

Dear Mayor and Commissioners,

Please find attached the League's memo on resolution 1179 - fossil fuel infrastructure.

Thank you for considering our comments.

Debbie Aiona  
League of Women Voters of Portland





## The League of Women Voters of Portland

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**DATE:** November 12, 2015

**TO:** Mayor Hales, Commissioners Fish, Fritz, Novick, and Saltzman

**FROM:** Margaret Noel, President  
Julie Chapman, Action Committee member

**RE:** **Resolution No. 1179:** "Oppose expansion of infrastructure whose primary purpose is transporting or storing fossil fuels in or through Portland or adjacent waterways," and proposed amendments

The League of Women Voters of Portland urges your support of Resolution 1157, now reconsidered as Resolution 1179.

Since the 1950s, the League has worked at the federal and state levels to protect air, land and water resources. More recently, the League has lobbied vigorously for comprehensive legislation to control global climate change by setting a cap on greenhouse gas pollution and by encouraging conservation and renewable energy. Any major increase in fossil fuel industry infrastructure is not consistent with the current League of Women Voters natural resources and climate change positions, nor with Portland's 2015 Climate Action Plan.

The resolution as originally written was a clear statement of the Council's intention to honor our 2015 Climate Action Plan and its recommendation to establish a "fossil fuel export policy that considers lifecycle emissions, safety, economics, neighborhood livability and environmental impacts."

The original Resolution 1157 was both aspirational and a clear mandate to work toward better energy solutions through alternatives to burning fossil fuels. It is a statement of intention and a model for other local and state mandates to reduce reliance on the coal and oil industries.

The League of Women Voters of Portland continues to support the original Resolution 1157; we have reservations about any amendments that require further study and could delay implementation of the Resolution. In particular, we have concerns about the necessity, intent and implications of Amendments 5, 6 and 8. We ask that you reject these amendments if their approval would weaken the resolution and postpone the work of developing proposed code changes to protect public health, safety and our environment.

"To promote political responsibility through informed and active participation in government."

**Moore-Love, Karla**

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**From:** Dingfelder, Jackie  
**Sent:** Friday, November 06, 2015 3:22 PM  
**To:** Moore-Love, Karla; Wiggins, Rachael  
**Subject:** FW: Fossil fuels policy YES

Testimony on Fossil Fuel resolution.

*Jackie Dingfelder*

Policy Director  
Office of Mayor Charlie Hales  
1221 SW 4th Avenue, Suite 340  
Portland, OR 97204  
(O) 503-823-4125  
(C) 503-823-8540  
(E) [Jackie.Dingfelder@portlandoregon.gov](mailto:Jackie.Dingfelder@portlandoregon.gov)

**From:** Emily Herbert [mailto:[ewh1960@gmail.com](mailto:ewh1960@gmail.com)]  
**Sent:** Friday, November 06, 2015 11:29 AM  
**To:** Dingfelder, Jackie <[Jackie.Dingfelder@portlandoregon.gov](mailto:Jackie.Dingfelder@portlandoregon.gov)>  
**Subject:** Fossil fuels policy YES

Even with the amendments the policy is strong and necessary for a livable future. Big business always says progressive changes will cost money and jobs. Here we know already that clean energy produces at least 3 times the jobs. Time to get out of support for fracking and tar sands and join the President and Indigenous People in a clean future.

Emily Herbert  
2120 NE Halsey #29  
97232

**From:** Ricki Valair <ricki75valair@gmail.com>  
**Sent:** Thursday, November 05, 2015 2:14 PM  
**To:** Moore-Love, Karla  
**Subject:** Fwd: ET-Info.pdf  
**Attachments:** ET-Info.pdf

----- Forwarded message -----

From: "Ricki Valair" <[ricki75valair@gmail.com](mailto:ricki75valair@gmail.com)>  
Date: Nov 5, 2015 2:10 PM  
Subject: ET-Info.pdf  
To: <Karla.Moore-Love@portlandoregon.gov>  
Cc:

Hello. I attended the resolution meeting in regards to the issue with the petroleum companies wanting to transport and store petroleum products in our area. I was signed up to speak, but did not get a chance to. Here is an introduction to new fossil fuel free power producing generators that can reduce the need for fossil fuels. If less people "need" fossil fuels, those companies won't have a reason to expand their operations. The reason the petroleum stocks are falling and those companies are loosing money, is because they have to spend all their money dealing with all the spills, explosions and medical issues caused by their products and activities.

Thank you for your consideration of my testimony.

Raquel Valair



# EXISTENTIAL TECHNOLOGY

37168

## FOSSIL FUEL FREE POWER GENERATION SOLUTIONS

Our mission is to replace outdated and environmentally hazardous energy technologies. Guided by an environmental and humanitarian consciousness, we shall restore the balance between civilization and the planet.

Existential Technology's Power Generation Systems (ET-PGS) are operated by a deep cycle battery bank that recharges itself while in operation. An automatic switching system rotates between the primary and charging batteries. Our Patented Technology allows for monumental power 24/7, regardless of environmental conditions and without detriment to the Earth.

- No credit check necessary to qualify
- Fractions the cost of all other energy options
- ET-PGS are produced and 100% Made in the USA
- Our Patented Technology has only one moving part to ensure a lifetime of operation
- Decibels emitted during operation are many times less than that of Natural Gas and/or Diesel Generators without the indefinite costs of fuel and environmental harm
- Systems range from 10 sq. ft to 20 sq. ft. and weigh one quarter to one ton plus
- Customers will receive a considerable return on investment before the ET-PGS is paid in full though our 0% Interest Company Financing
- Once paid in full, you will never need to spend another cent on electricity again as you will own your own power plant outright
- Invest in Power and receive residual income without the overhead! Renewable Power Purchase Agreements (PPA) are available for strategic partners, please inquire.



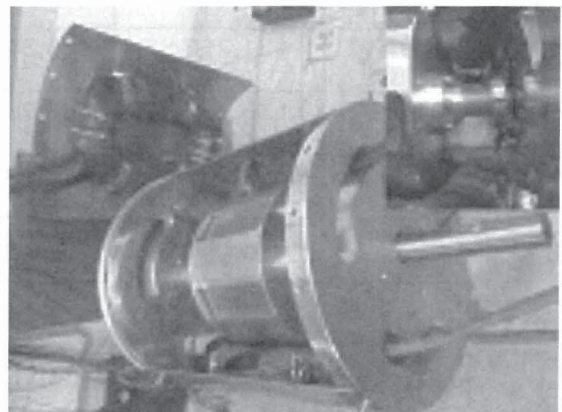
Cost for Solar to produce 10kW – 12kW of power 24/7:  
\$200,000.00!

ET-PGS 10kW offers the same power for 4X Less!

ET-PGS 25kW offers 2X the power for \$75,000 Less!

ET-PGS 35kW offers 3X the power for \$35,000 Less!

ET-PGS 50kW offers 5X the power for \$37,500 More!



The Environmental Protection Agency (EPA) estimates that one kilowatt-hour (kWh) produces 1.52 pounds of carbon dioxide. This number is excluding line-losses, which means the CO2 emitted is actually much greater due to inefficiency of power transmission. The U.S. Energy Information Administration (EIA) states that the average energy electricity consumption for a U.S. residential utility customer is 10,932 kWh annually. Conservatively, the average U.S. home produces (1.52 pounds X 10,932 kWh) 16,616.64 pounds or 8.3 tons of CO2 emissions annually.

The table below shows customers their potential CO2 Off-Set with our ET-PGS.

### CO2 Off-Set In Tons

ET-PGS	1 Year	5 Year	10 Year	15 Year	20 Year
<b>10kW</b>	61.29	306.43	612.86	919.30	1,225.73
<b>25kW</b>	153.22	766.08	1,532.16	2,298.24	3,064.32
<b>35kW</b>	214.50	1,072.51	2,145.02	3,217.54	4,290.05
<b>50kW</b>	306.43	1,532.16	3,064.32	4,596.48	6,128.64
<b>85kW</b>	520.93	2,604.67	5,209.34	7,814.02	10,418.69
<b>100kW</b>	612.86	3,064.32	6,128.64	9,192.96	12,257.28
<b>150kW</b>	919.30	4,596.48	9,192.96	13,789.44	18,385.92

In 2012, the EIA estimated one gallon of gasoline produces 19.6 pounds of carbon dioxide. Customers can now feel less guilty about driving their cars with fossil fuels.

The below table presumes a vehicle with an average of 20 miles per gallon.

### CO2 Off-Set In Miles

ET-PGS	1 Year	5 Year	10 Year	15 Year	20 Year
<b>10kW</b>	6,253.71	31,268.57	62,537.14	93,805.71	125,074.29
<b>25kW</b>	15,634.29	78,171.43	156,342.86	234,514.29	312,685.71
<b>35kW</b>	21,888.00	109,440.00	218,880.00	328,320.00	437,760.00
<b>50kW</b>	31,268.57	156,342.86	312,685.71	469,028.57	625,371.43
<b>85kW</b>	53,156.57	265,782.86	531,565.71	797,348.57	1,063,131.43
<b>100kW</b>	62,537.14	312,685.71	625,371.43	938,057.14	1,250,742.86
<b>150kW</b>	93,805.71	469,028.57	938,057.14	1,407,085.71	1,876,114.29

#### Contact:

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[ETinfo@nym.hush.com](mailto:ETinfo@nym.hush.com)

#### Headquarters:

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37168

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**Lynn Youngbar**, Organizational  
Development Consultant

November 4, 2015

Charlie Hales, Mayor  
City Commissioners  
City Hall  
1220 SW Fourth Avenue  
Portland, OR 97204

Dear Mayor Hales and Commissioners,

I am writing on behalf of the Urban Greenspaces Institute to urge your adoption today of both fossil fuel resolutions, 1156 and 1157. This is a signal opportunity for the City of Portland to take both a symbolic and substantive step in reducing our dependence on fossil fuels. Much as the city stepped away from trying to build our way out of congestion by turning away from another highway project and diverting funds to constructing the first light rail project in the city, your favorable vote today will be an historic act. As with the demise of the Mt Hood Freeway in February, 1974 adoption of the two resolutions before you will be viewed in the future as courageous and ground breaking.

As with other momentous decisions there will be those who will argue for more time to tweak the resolutions, to consider their legal implications, to further consider potential economic impacts. There will always be those arguing for delay when a tough decision needs to be made. The time to act on this pressing issue and for Portland to reassert its leadership is today. We urge a yes vote today.

Respectfully,

Mike Houck,  
Executive Director



**Moore-Love, Karla**

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**From:** City Auditor, Mary Hull Caballero  
**Sent:** Tuesday, November 03, 2015 1:08 PM  
**To:** Moore-Love, Karla  
**Subject:** FW: increased terrorism risk from coal oil gas

FYI

**From:** Edie Gillis [mailto:ediegillis@yahoo.com]  
**Sent:** Tuesday, November 03, 2015 9:53 AM  
**To:** City Auditor, Mary Hull Caballero <AuditorHullCaballero@portlandoregon.gov>  
**Subject:** increased terrorism risk from coal oil gas

Edith J. Gillis, 4626 SE Clinton St., #52, Portland, OR 97206, 503-777-4411

November 3, 2015

Portland City Auditor  
 1221 SW 4th Ave., Suite 210  
 Portland OR 97204

Dear Commissioner City Auditor Mary Hull Caballero:

The best accountability and auditing of our city must include taking into account the fact that the greatest cost to all city offices and agencies, and the greatest risk to their doing their assigned tasks and duties, and the greatest way to reduce local tax income and greatest harm to our local economy is allowing coal, oil, methane, propane, etc. coming through Portland.

To protect the economy and sustainability of Portland and our greater metro area and Metro, local counties, Oregon and Washington, the Pacific Northwest, the USA, and Canada, and TPP nations, I strongly request that you vote yes for 1156 and 1157 the fossil fuel facilities ban (including new methane production). We must not have King C.O.N.G (coal, oil, nukes, gas) It is essential that we not have any coal, oil, liquid "natural" gas, methane, propane, or nuclear/radioactive transport, development, refining, or sales in the Portland area because its presence would increase the costs of public services and local businesses and families and scare away the very sustainable businesses and responsible citizens that we most need. Coal, oil, gas, and propane in our area also means that we have increased safety and health hazards and costs, and therefore less funding available for needed services, and lowered quality of life. Obviously, more King C.O.N.G means also more destruction of our ability to provide safe clean water and fertile soil and sufficient safe food for our local people or region, much less, for global trade.

By having coal and oil trains along the Columbia River while our nation increases drone attacks and worse weapons and attacks, and global surveillance to increase attacks on citizens, it is guaranteed that someone sometime will put an end to the drone factories and NSA/Google/Facebook, etc. centers up river from us, using the highly-explosive trains and unsafe rails and company

practices. Since the fragile rail corridors are on land that shifts and beneath rock falls and landslides, and since the rails are inadequately maintained and the coal dust is corrosive and causes slipping of rail wheels on tracks, and since the dripping of diesel can catch fire on the coal dust with friction and sparks on rail joints and bends, this disaster will happen without anyone doing anything new. BNSF and each corporation involved has not invested in and won't invest in preventing the hazards, putting out the fires, saving the people, paying medical and funeral costs, or clean up the environment, much less pay for the losses to other businesses. They don't even allow their own employees to communicate the truth about the risks and crimes the corporations commit, assist emergency planning or response.

Yet, the easiest, quickest, cheapest way to stop the countless deaths abroad is to have some little thing on the train tracks near Bonneville Dam when an oil train passes, so it derails and spills and explodes, causing huge persistent forest fires, fires on the river, and explosion of the dam and destruction of the power source. There is no way to see or prevent this or to hold anyone accountable, so it is guaranteed, we just don't know when by whom. Since we do not hold the KING C.O.N.G corporations and officers accountable, it would be so easy for some little "nobody" to save the lives of their families and neighbors by ending the lives of us here.

By using oil, coal, gas trains and pipes or projects along the Columbia, any terrorist could easily cause the maximum cost and return terror to Portlanders and other Americans. That derailment and/or fire/explosions would cause flooding of Portland, poisoning of our river and wells, and killing/maiming of so many people. This would prevent NW farms, ranches, and orchards from getting their products to market. It would prevent electricity from being produced and transferred. It would increase martial law and violation of local rights and destruction of our economy further. No wildfire crews or municipal fire crews could prevent or stop it or rescue the victims. National Guard soldiers are kept in other countries so they won't align with and defend Oregonians and Washingtonians, and other soldiers trained to have no loyalty to civilians and trained to kill civilians and create false evidence to get away with terrorizing civilians will use their same training and reactions here on us.

When civilians find no reasonable hope that they can use nonviolent political action to protect our people and environment and economy, they are left with no other alternative than the very desperation I don't want happening in my home community.

So prevent the inevitable multiple catastrophes of allowing coal, oil, propane, methane, and other explosive and toxic gases on rail, ship, and truck in our area and reliance on them.

We cannot afford to waste money on coal, oil, gas and all that does us no good and increases all the harm that governments are responsible to prevent. We need to invest instead in sustainable energy, water, agriculture, transportation, and housing.

Please pass 1156 and 1157. Please keep up the work to increase the protections.

Thank you.

37168

Edith J. Gillis

Edith J. Gillis [ediegillis@yahoo.com](mailto:ediegillis@yahoo.com) 4626 SE Clinton, #52 Portland, Oregon 97206 USA 503-777-4411





November 3, 2015

AUDITOR 11/04/15 PM 1:42

City of Portland  
1900 S.W. Fourth Ave.  
Portland, OR 97201

Reference: **Anti-Fossil Fuel Resolution**

Dear Council Members,

My name is Darren Engle. I am the Director of Government Relations for Blue Star Gas, a family owned propane marketer in Oregon. I have worked in the propane industry for 29 years and currently chair the Propane Education & Research Council's (PERC) Research & Technology Development Advisory Committee. In addition, I serve on Governor Kitzhaber's Clean Fuels Advisory Committee as well as the Western Washington Clean Cities Coalition Steering Committee. I am submitting testimony today in opposition to the Anti-Fossil Fuels Resolution.

Propane is a versatile fuel that is used in a variety of applications from home heating to fueling motor vehicles. It is the most widely used alternative fuel in the world with over 25 million vehicles currently in use. Sadly, the United States lags well behind the rest of the world in alternative fuel adoption. With over 250 million vehicles registered in the U.S., less than one million run on all the alternative fuels combined.

My primary concern is to ensure that the commission is fully aware of the benefits of Liquefied Petroleum Gas (LPG) autogas as an alternative low carbon fuel option. (The major hydrocarbon of LPG is propane; the terms LPG, propane and propane autogas are often used interchangeably.) LPG can play a vital role in meeting the state's, and city's, Greenhouse Gas (GHG) reduction thresholds.

LPG is a derivative of the crude oil and natural gas industries. The produced fuel is clean, affordable and versatile, both readily available and in abundant supply in the U.S. The necessary technology and infrastructure for production, use, and deployment is already in place and the GHG savings over conventional fuels can make major and immediate contributions in achieving Portland's desired carbon reduction goals. The lower carbon content of LPG compared to gasoline or diesel is well known. The combination of carbon content and fuel upstream energy results in a reduction of approximately 18 g of carbon dioxide equivalent emissions (g CO<sub>2</sub>e) per MegaJoule (MJ) fuel compared to gasoline or diesel, or about an 18% reduction in GHG emissions.

#### Pollution & Toxic Substances

Propane is a clean-burning fuel, emitting virtually no soot or Particulate Matter (PM) on combustion. Conversely, diesel-fueled vehicles can emit up to 30 times more PM than LPG vehicles. LPG combustion also generates low levels of criteria air contaminants (Carbon Monoxide (CO) and oxides of nitrogen (NO<sub>x</sub>)), which are the basic precursors of ground-level ozone, also known as smog. LPG vehicles reduce CO emissions by up to 60% when compared to gasoline alone. Also, fugitive leaks and losses from LPG production and use dissipate quickly and do not contaminate soil or water, unlike gasoline or diesel.

Motor vehicle exhaust is another major source of toxic substances in the atmosphere. Both gasoline and diesel refueling and combustion release toxins and air pollutants (Benzene, Acetaldehyde, Formaldehyde, and Butadiene). A study published by the World LP Gas Association on the air toxics emitted by different fuels during the well-to-wheels fuel cycle, shows that LPG emits 20-90% lower levels of air pollutants than both gasoline and diesel.



### LPG Vehicle Populations and Technology Penetration

LPG is a derivative of two large energy industries: the processing of natural gas liquids and the refining of crude oil. In both cases LPG is a by-product. Refineries want to produce “middle distillates” namely gasoline, jet fuel, diesel and heating oil but on the way to the desired products LPGs are first produced. Natural gas processors want grid quality natural gas, which is mostly methane. On the way to the methane slate, LPGs must first be dealt with. In recent years with shale oil and gas production increasing greatly, LPGs are finding a demand in exports to world markets. Meanwhile, with abundant supply in the U.S. and dedicated infrastructure already in place, the LPG industry has the ability to quickly and cost-effectively install additional infrastructure as needed to service commercial, municipal and national fleets. LPG vehicles are already serving a broad variety of purposes, including school busses, paratransit vans, forklifts, delivery trucks, taxis and pickups.

To effectively service these fleets, the appropriate refueling infrastructure will need to be in place. Currently, propane refueling infrastructure is widely available across the state with plans for additional infrastructure to be expanded over the next few years. Propane has proven to be a reliable, cost-effective, low emission, domestically produced transportation fuel. Worldwide, there are more than 25 million LPG fueled vehicles in operation today – a number that is growing every year.

Other attributes of LPG vehicles include:

- Refueling nozzles are tightly secured to the fill connector minimizing fugitive emissions upon disconnect.
- Refueling time is 8-12 gallons per minute with very low cost for pumping time. Refueling is simply transferring a liquid LPG from one container to another.
- Driving range of an LPG vehicle is typically 300-400 miles between fuel stops. Dual fuel, using both LPG and gasoline as separate fuel systems, can increase driving range to 600-700 miles.
- LPG vehicles are quieter than diesel, they start easily in below zero weather (one reason school bus operators favor LPG), the fuel system has no vents or openings to the atmosphere and are fully warranted.

I hope that these comments demonstrate that LPG is a viable alternative fuel option that can help meet the carbon reduction goals of the state and the region. Some of the benefits of using LPG over conventional fuels outlined in these comments are highlighted below.

- **LPG vehicles have a lower carbon footprint than gasoline;**
  - to 18% less Greenhouse Gases (GHGs)
- **LPG vehicles emit fewer criteria air pollutants than gasoline and diesel;**
  - Up to 60% less CO emissions compared to gasoline.
  - Diesel-fuelled vehicles emit up to 30 times more PM than LPG vehicles
- **LPG vehicles emit significantly less harmful toxic substances than gasoline**
  - 20-90% less Benzene, Acetaldehyde, Formaldehyde, and Butadiene
- **LPG Vehicles have lower maintenance costs than gasoline and diesel**
  - Propane burns cleaner, experiences significantly less carbon build-up, and has the potential for increased engine life.



Thank you for taking the time to read these comments, I hope that I have illustrated the positive environmental benefits of using propane, the worlds most widely used alternative fuel. Please do not hesitate to contact me if you have any questions or need further information.

Sincerely,

Darren Engle  
Director of Government Relations  
3837 Portland Road NE  
Salem, OR 97301  
(530) 945-8604  
[dengle@bluestargas.com](mailto:dengle@bluestargas.com)  
[www.bluestargas.com](http://www.bluestargas.com)





## Parsons, Susan

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**From:** Jenna Garmon <jenna@climatesolutions.org>  
**Sent:** Wednesday, November 04, 2015 12:43 PM  
**To:** fish@ci.portland.or.us; Commissioner Novick; Commissioner Saltzman; Hales, Mayor; Commissioner Fritz; Council Clerk – Testimony  
**Cc:** Sheeran, Kristen  
**Subject:** [User Approved] Oil Train Resolution and Fossil Fuel Policy  
**Attachments:** 2015-11-04 Climate Solutions letter Portland FF Policy.pdf

Dear Mayor Hales and Commissioners,

Please accept these comments (attached and below) on the proposed oil train resolution and the fossil fuel policy submitted by Kristen Sheeran on behalf of Climate Solutions.

Thank you for the opportunity to comment on both: 1) the policy opposing all project proposals that would increase the amount of crude oil being transported by rail through the City of Portland and the City of Vancouver; and 2) the resolution to oppose expansion of infrastructure whose primary purpose is transporting or storing fossil fuels in or through Portland or adjacent waterways. Climate Solutions is a regional non-profit working to accelerate practical and profitable solutions to global warming. For more than 15 years, Climate Solutions has been working to implement energy efficiency, renewable energy, and carbon reduction policies that demonstrate that clean energy and broadly shared economic prosperity go hand-in-hand. The City of Portland has long reflected the bold leadership and thoughtful attention to fair and effective climate solutions that we support. **With respect to these two items before you, Climate Solutions strongly opposes expansion of coal and oil transportation, storage, and export facilities in Portland.**

As a core member of the Stand Up To Oil Coalition, Climate Solutions opposes the expansion of oil terminals and an increase in oil transport through the Northwest, while working to improve safety measures for oil currently traveling through the region. Oil companies are moving fast with efforts to expand operations in the Northwest. The oil terminal proposed in Vancouver along the Columbia River would be the largest in the country. These projects put our communities at risk from explosive oil train derailments, huge increases in rail traffic, and spills from trains, tankers, and barges. And each additional project adds to the problem of carbon pollution and climate disruption. Dangerous types of oil – volatile Bakken crude from the Midwest and toxic tar sands oil from Canada – pose unique risks to public health and the environment. By joining other Columbia River communities that have passed strong resolutions against oil-by-rail, including Vancouver, Scappoose, Rainer, Hood River, Washougal, Camas, and The Dalles, the City of Portland can create a united front to prevent the Northwest from becoming a thoroughfare for crude oil.

Climate Solutions has also been a central player in the Power Past Coal Coalition to oppose coal export in Oregon and Washington. Coal export proposals threaten Portland's (and Oregon's) legacy as a leader in the quest for a clean energy future, and would have significant climate and environmental impacts on our communities with negligible economic benefit to show for it. Coal is the dirtiest, most carbon-intensive fossil fuel. Coal export – which is directly linked to development of coal-based energy infrastructure in Asia and elsewhere – would make it virtually impossible to stabilize climate pollution at safe levels. If we continue to invest in long-lived, capital-intensive coal power infrastructure, we will be irrevocably locked in to global emission trajectories that guarantee catastrophic climate change.

The tide of global energy investment is turning. The cost of renewables continue to fall – the cost for new wind power in the U.S. is below \$100 a megawatt-hour, on par with coal and likely to continue to fall. U.S. oil firms are reporting sharply lower profits. The US coal industry is in decline, as are coal imports in major Asian coal consuming countries. A growing number of nations are adopting more aggressive climate targets and policies, such as China's recently announced cap-and-trade policy and the INDD's in anticipation of Paris. The clean energy revolution is underway, and these investments in renewable energy must be ramped up to transition to a low carbon future.

Portland and the Northwest has been and should remain a leader in the transition from fossil fuels to a new energy economy. Proponents of coal and oil infrastructure projects pose a false choice between environmental protection and the economy. Pioneers in energy efficiency, renewable energy, and sustainable fuels call the City of Portland and the Northwest home for a reason. We can succeed economically by innovating, commercializing and marketing energy strategies that reduce fossil fuel dependence, promote clean development, and deliver real climate solutions.

Thank you for your continued bold leadership on climate and clean energy.

Respectfully,

A handwritten signature in dark ink, reading "Kristen Sheeran". The signature is fluid and cursive, with the first name "Kristen" written in a larger, more prominent script than the last name "Sheeran".

Kristen Sheeran, Oregon Director

-----  
**Jenna Garmon** | Research Analyst

[Climate Solutions](#) – 15+ Years of Practical Solutions to Global Warming

Office: 503-548-2542 | Cell: 541-868-7822

610 SW Broadway, Suite 306 - Portland, OR 97205

[ClimateCast](#) | [Facebook](#) | [Twitter](#)

[Register today](#): **Climate Solutions 7<sup>th</sup> Annual Dinner: *Regional Leadership – Global Impacts*** on Thursday, November 12, Hilton Portland - with keynote speaker, **Danny Kennedy, Managing Director of California Clean Energy Fund (CalCEF)**, and globally recognized sustainability activist, businessperson, and opinion leader.





November 4, 2015

Portland City Council  
City of Portland  
1221 SW 4<sup>th</sup> Ave.  
Portland, OR 97204

RE: Policy opposing oil-by-rail transportation and Resolution to oppose expansion of fossil fuel infrastructure

Dear Mayor Hales and Members of City Council,

Thank you for the opportunity to comment on both: 1) the policy opposing all project proposals that would increase the amount of crude oil being transported by rail through the City of Portland and the City of Vancouver; and 2) the resolution to oppose expansion of infrastructure whose primary purpose is transporting or storing fossil fuels in or through Portland or adjacent waterways. Climate Solutions is a regional non-profit working to accelerate practical and profitable solutions to global warming. For more than 15 years, Climate Solutions has been working to implement energy efficiency, renewable energy, and carbon reduction policies that demonstrate that clean energy and broadly shared economic prosperity go hand-in-hand. The City of Portland has long reflected the bold leadership and thoughtful attention to fair and effective climate solutions that we support. **With respect to these two items before you, Climate Solutions strongly opposes expansion of coal and oil transportation, storage, and export facilities in Portland.**

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[ClimateSolutions.org](http://ClimateSolutions.org)

**Seattle**  
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fax 206.624.2022

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Olympia, WA 98501  
tel 360.352.1763  
fax 360.943.4977

**Portland**  
610 SW Broadway, Ste 306  
Portland, OR 97205  
tel 503.206.4837



# Climate Solutions

PRACTICAL SOLUTIONS TO GLOBAL WARMING

intensive fossil fuel. Coal export – which is directly linked to development of coal-based energy infrastructure in Asia and elsewhere – would make it virtually impossible to stabilize climate pollution at safe levels. If we continue to invest in long-lived, capital-intensive coal power infrastructure, we will be irrevocably locked in to global emission trajectories that guarantee catastrophic climate change.

The tide of global energy investment is turning. The cost of renewables continue to fall – the cost for new wind power in the U.S. is below \$100 a megawatt-hour, on par with coal and likely to continue to fall. U.S. oil firms are reporting sharply lower profits. The US coal industry is in decline, as are coal imports in major Asian coal consuming countries. A growing number of nations are adopting more aggressive climate targets and policies, such as China's recently announced cap-and-trade policy and the INDD's in anticipation of Paris. The clean energy revolution is underway, and these investments in renewable energy must be ramped up to transition to a low carbon future.

Portland and the Northwest has been and should remain a leader in the transition from fossil fuels to a new energy economy. Proponents of coal and oil infrastructure projects pose a false choice between environmental protection and the economy. Pioneers in energy efficiency, renewable energy, and sustainable fuels call the City of Portland and the Northwest home for a reason. We can succeed economically by innovating, commercializing and marketing energy strategies that reduce fossil fuel dependence, promote clean development, and deliver real climate solutions.

Thank you for your continued bold leadership on climate and clean energy.

Respectfully,

Kristen Sheeran, Oregon Director

[ClimateSolutions.org](http://ClimateSolutions.org)

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Author: Clark Williams-Derry Sightline (@ClarkWDerry) on October 30, 2015 at 2:00 pm

This article is part of the series Coal Exports: Caveat Investor Coal is losing money; exporting is not worth it.

What a week! The bad financial news for coal export prospects in Washington, Oregon, and British Columbia has come almost too quickly to track. So for those of you who don't follow the coal press as religiously as I do, here's a brief summary of all of the goings-on in Northwest coal export finance over the last week or so...

- **Arch Coal's debt restructuring failed; bankruptcy looms.** Arch Coal, one of the two companies trying to develop the Millennium Bulk Logistics coal terminal in Longview, WA, is in deep financial trouble. It wildly overpaid for coal mines at the peak of the coal bubble. Its bonds are coming due soon, and the company doesn't have the money to pay them back. So Arch tried to entice bondholders to agree to let Arch pay them less and pay later. But bondholders balked and blocked the deal. So now the nation's #2 coal company is close to bankruptcy and effectively cut off from credit markets. Good luck raising the capital to build an enormous coal terminal!
- **The Interior Department is scrutinizing the coal industry's mine cleanup liabilities.** As I wrote back in July, mine cleanup has emerged as a serious financial vulnerability for the coal industry. Federal law requires coal miners to clean up after themselves, but the industry's growing financial challenges are raising the specter that they may not have the money for cleanup. At a Senate hearing earlier this week, a top Interior Department official said that the risk that a coal company bankruptcy could saddle taxpayers with cleanup costs is "a serious issue being examined by the Interior Department." Private reclamation assurance companies (called "sureties") recently forced Peabody to put up over \$120 million to guarantee mine cleanup in some states. But Wyoming state regulators are letting Peabody get away with putting no money aside to clean up Wyoming mines. This is just one of many examples of how the private sector is being tougher on coal than government regulators are.
- **Canadian coal giant, Teck Coal, admitted that its mines are worth \$1.5 billion less than it thought.** Teck Coal, which operates in BC and Alberta and exports through Westshore and Ridley, posted a massive \$2.1 billion loss, after writing down the value of its coal mining assets by \$1.5 billion. In the same vein, Peabody coal took a \$900 million coal mine asset impairment charge back in June, focused on its Australian mines. This raises a major question: *when will we see write-downs of US coal mining assets?*
- **Cloud Peak has halted coal exports.** I wrote about this yesterday, but it's worth repeating: the only remaining Powder River Basin coal exporter has given up the ghost. The company has negotiated a new deal with BC's Westshore terminal: *it'll pay Westshore a bunch of money, and Westshore won't do anything for Cloud Peak*. The stock market rewarded Cloud Peak for getting the coal export monkey off its back, while punishing Westshore, whose stock fell more than 18 percent after the announcement. Apparently the stock market is realizing that nobody is making money selling coal to Asia.
- **Peabody is trying to wriggle out of paying for retiree health care.** One of the major backers of the proposed Gateway Pacific terminal outside of Bellingham, Washington, is trying to dodge responsibility for retired miners' health insurance. Surprise, surprise. (Just kidding, nobody is surprised.)
- **A raft of new data suggests that Chinese coal consumption and imports will keep falling.** China's coal imports are down 30% this year, after falling about 10% last year. Total coal consumption is down 5.7 percent, and the nation's coal plants are running at half of their capacity, on average. See this data-packed article for all the details.
- **Peabody projects that 2016 will be worse for the coal industry than 2015.** If you think things can't get any worse for the coal industry, you're wrong. The world's largest private-sector coal company thinks that US coal consumption will fall another 100 million tons next year. Per its Q3 press release: "Peabody expects 2016 utility coal consumption to be below 2015 levels based on current natural gas prices and expected plant closures; these factors more than offset higher capacity utilization within the remaining US coal fleet."

**For coal companies, a terrible, horrible, no good, very bad week.**





"Had there been a dangerous oil terminal here when I was making my decisions, I would not have started building here."

I chose Vancouver as the place to make my business dreams come true because it is one of the jewels of the Pacific Northwest, not an oil town.

**Bryan Shull**  
TRAP DOOR BREWING  
Opening 2015

VancouverUSA small businesses are the backbone of our proud local economy. Over the last two decades we have worked hard to build up our shops and companies and to revitalize our communities. Vancouver has come far.

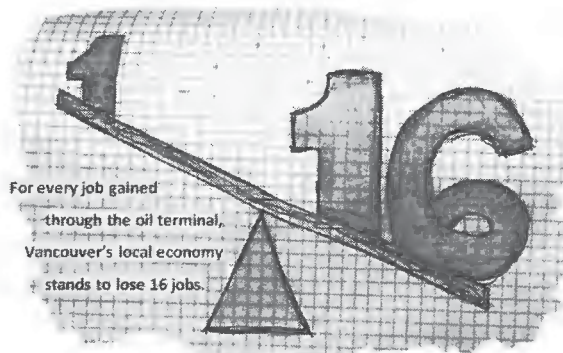
Our business models are diverse and rely on families who want to live, work, and raise children here in Vancouver. We are accountants, brewers, car mechanics, merchants, restaurateurs, retailers, lawyers, farmers, chiropractors, IT engineers, wine cellars, health service providers, designers, and consultants of all stripes and industries. Our future is tied to the fate of Vancouver.

The evidence is overwhelming that volatile crude oil trains & terminals are a ticking time bomb. We demand that small business voices and those of our neighbors and customers be heard in the decision-making process.



**BAD FOR BUSINESS**

IMPACT  
OF THE PROPOSED TESORO-SAVEGE  
OIL TERMINAL ON VANCOUVER  
SMALL BUSINESSES



#### Small business way: COST/BENEFIT CALCULUS

As business owners and community-minded people of VancouverUSA, we have been coming together to discuss the proposed Tesoro-Savage oil terminal.

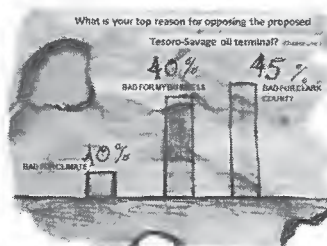
If built, it would be the largest crude oil facility in North America. What it means to run or start a business in Vancouver would not be the same.

As entrepreneurs we do back-of-the-envelope cost/benefit analysis all the time. Here we have done something similar in order to understand for ourselves what the impact of 360,000 barrels/day of crude oil would have on our business models and our customer demand.

Our city was founded 158 years ago. We asked just as many small business owners -- a big majority of whom oppose the oil terminal passionately -- more about their opinions.

#### Considerations of EXISTING BUSINESSES

There are 5,946 businesses based in Vancouver. They average 10 employees, with a total number of private sector jobs at about 60,000. We have assumed that about 20% of Vancouver's total 75,147 jobs are in the public sector.



Most business owners who oppose the oil terminal do so because they think it will have a negative impact on their own businesses, or on Clark County as a place to do business.

**1,980 JOBS**

Almost half of the owners we asked said they would seriously consider leaving Vancouver in case it becomes an oil town. We cautiously assumed that moving will be costly and that only 1 in 30 existing businesses would be able to pull it off.

That would mean that over 5 years Vancouver would lose 198 businesses, and with it 1,980 jobs. The first five years would see most serious losses: businesses would leave when leases come up for renewals, when expansions happen, or ownership changes hands.



"Our firm is soon celebrating our 30th anniversary. I remember how downtown was back in 1988. We worked hard to make it walkable and safe. We don't want to go back now by becoming a dirty oil town."

Linda McLain  
Currie & McLain P.S.

#### Considerations of NEW/FUTURE BUSINESSES

In 2014 . . . 803 new business licenses were registered in the city of Vancouver. About a quarter of them were change-of-address/ownership filings. About 600 were actual new businesses. Their average number of employees we estimated at three.

**30 NEW BUSINESSES EVERY YEAR**

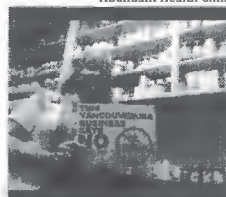
Tesoro-Savage claims that their oil terminal would bring 176 jobs to Vancouver.

With 2,880 jobs Vancouver would lose over 10 years, for every job we gain through the oil terminal we lose 16.

Proposed oil terminal is bad for business. Our businesses.

"Many of my clients are very concerned about explosive oil passing and accumulating next to our schools, parks, farms, our water. That of course influences my own thinking about the viability of my practice."

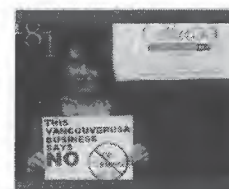
Dr. Laura Schissel  
Abundant Health Clinic



Our conservative assumption: each year 1 in 20 of new businesses would decide not to locate in Vancouver due to the presence of a dangerous crude oil terminal.

Even with such a cautious assumption, implications are serious: each year Vancouver would lose 30 new businesses in search of a home base. That is 90 jobs annually, and 900 jobs over 10 years.

Once the losses of those existing businesses who decide to relocate are factored in (see opposite page), the number of jobs our city's economy stands to lose is at 2,880 jobs over 10 years.



"I bought this business eight years ago because Vancouver could offer the kind of customer base that a wine cellar needs. I am very worried that the oil terminal will turn away many from tasting their wine here."

Michelle Brinning  
Cellar 55

"Our state-of-the-art facility is in the proposed oil terminal blast zone. And so are our members and clients when they come here. And they know it. What a horrible prospect."

Michael Lary  
Source Climbing Center



# 101 businesses in Vancouver, WA stand up against oil terminal

**For Immediate Release:** June, 25, 2015

**Contacts:** Don Orange, Hoesly Eco Auto: 360-281-2480 Boris Popovic, Vancouver 101: 202-294-8951

**Vancouver, WA** — Today at Hoesly Eco Auto & Tire in Vancouver, WA, representatives of a group of 101 Vancouver small business leaders called on Governor Jay Inslee to reject the proposed Tesoro-Savage oil terminal in Vancouver. Speaking for a diverse group of small businesses, the group cited multiple recent oil train derailments and explosions in highlighting public safety risks to small businesses and their customers. The businesses called for Governor Inslee to deny what would be the largest crude-by-rail facility in the United States.

"Oil trains are bad for business in Vancouver," said Don Orange, who runs Hoesly Eco Automotive in Vancouver. "We have seen enough oil train explosions in 2015 alone to know that we shouldn't gamble our city's future on this dangerous way of moving volatile oil. Our businesses, our customer base, and our local economy simply don't need this risk."

In early 2015, at least four major oil train derailments caused spills, fires and explosions in West Virginia, Illinois, and Ontario, Canada. Almost two years ago, a catastrophic oil train accident killed 47 people in Lac-Megantic, Quebec.

Orange was joined by dozens of supporters and customers, as well as several other local business leaders, many of whom arrived at the press conference in hybrid or other "clean" vehicles. The businesses objecting to oil-by-rail in Vancouver posted a [growing photo petition](#) calling for Washington to deny the Tesoro-Savage oil terminal proposal.

Several members of the group will travel to Olympia in Tesla cars and other hybrid vehicles on Thursday to deliver their message to the Governor's office.

Ryan Palmer, owner of Torque Coffee Roasters in downtown Vancouver, explained his reasons for speaking up against oil-by-rail in Vancouver. "As a community, we have invested in our small businesses and our downtown. Becoming a hub for explosive oil trains puts that investment at risk. The trains would roll right next to our downtown, and our customers won't accept the risk of a Lac Megantic-type disaster here in our community."

Michelle Brinning, owner of a popular tasting room Cellar 55, talked about the threat oil trains pose to the viability of downtown businesses: "We have worked hard to build our shops and companies and it shows in the diversity of businesses that are successful here. Becoming an oil boom town goes directly against this trajectory. It is questionable how successful I can remain here if crude oil trains start rolling in."

Laura Schissell, whose chiropractor practice Abundant Health Clinic is also located in downtown Vancouver, highlighted the growing consensus in Vancouver against the proposed Tesoro terminal.

"Our business could be located anywhere, but it happens to be in the potential evacuation zone if there were an oil train accident as a result of the Tesoro-Savage proposal. We need Governor Inslee to understand the potential harm oil-by-rail poses to our local economy here in Vancouver." Added, Schissell, "We're not the only ones speaking out: the City of Vancouver, the Waterfront Development group, and the local Longshore Union agree. We are joining a growing chorus calling for a stop to this crude-by-rail project."

Christopher Read, with Arnada Naturals, highlighted their customers' hope for a cleaner future for Vancouver. "Arnada Naturals shares its name with the Arnada neighborhood here in Vancouver, one of over a dozen neighborhoods that have objected to this oil-by-rail scheme. We support a clean, safe, healthy community – one that works for the entire community and doesn't impose ridiculous hazards on homes, schools, and businesses like our own."

The Tesoro-Savage proposal is under review by the Washington Energy Facility Site Evaluation Council (EFSEC) and would be the largest oil-by-rail facility in the United States. EFSEC will make a recommendation before Governor Inslee makes a final decision on the project. NuStar Energy has proposed a second, smaller in Vancouver that is being reviewed by the City of Vancouver.

For more images of Vancouver businesses standing up to oil-by-rail, visit <http://vancouver101.us>.



# Cloud Peak's Coal Exports: The Red Ink Keeps Flowing

Blocking coal ports prevented a financial disaster for Big Coal.

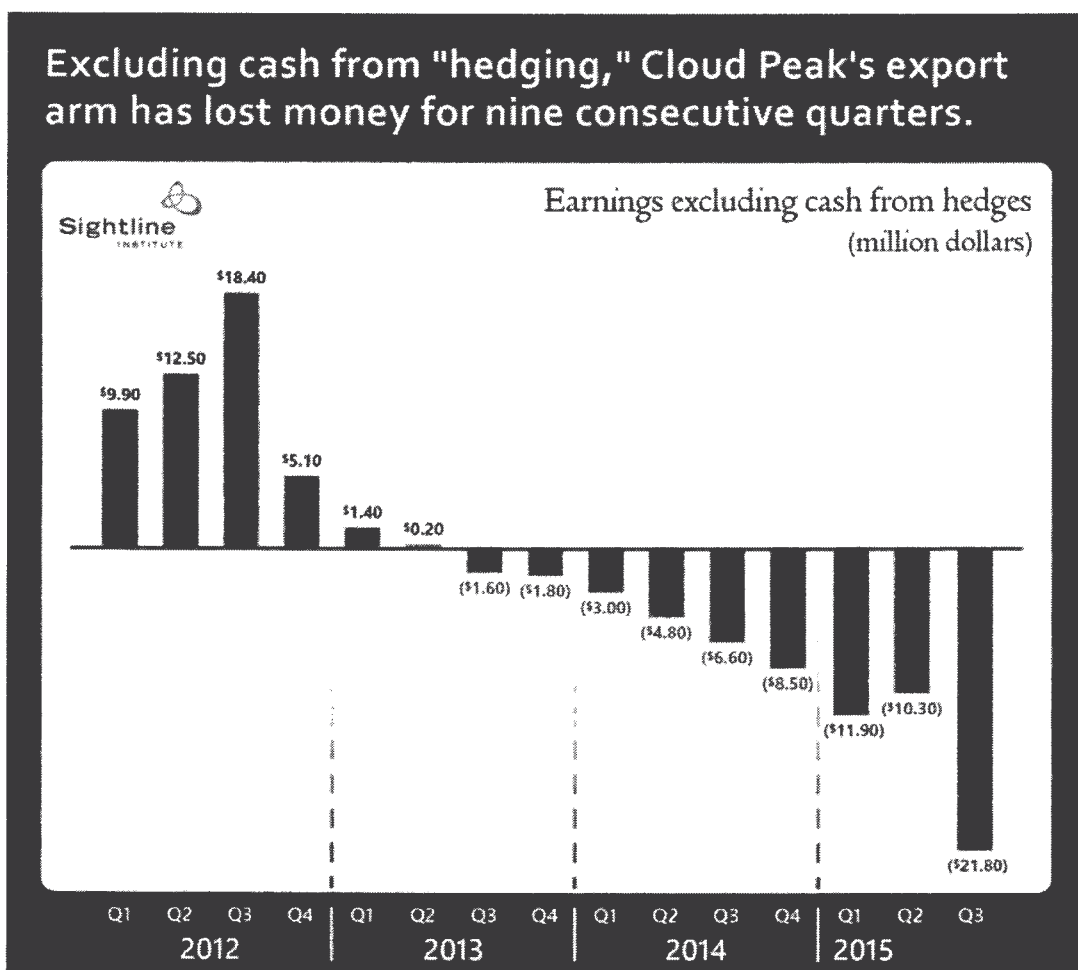
Sightline author Clark W Derry (@ClarkWDerry) on November 3, 2015 at 1:00 :of the series [Coal Exports: Caveat Investor](#)

A few weeks back, a reporter caught an unnamed coal industry executive in a stunning admission: **environmental opposition to coal terminals has been a huge boon for the coal industry.**

"I believe these agencies and environmental groups are doing the coal producers a favor by not approving or supporting the approval of these terminals...**If the terminals were already built and in operation, few, if any, would be exporting coal as current pricing wouldn't support it.**" [Emphasis added.]

Given last week's stunning news that Cloud Peak would suspend its coal export commitments from 2016 through 2018, this assessment might seem spot on. Yet if anything, the industry insider *underestimated* how dire coal industry's finances would have been if Northwest ports had moved forward.

For proof, look no further than the third quarter financial results of Cloud Peak Energy, the only company to ship significant volumes of Powder River Basin (PRB) coal to Asia over the past several years. Excluding futures market transactions, **Cloud Peak's export arm lost nearly \$22 million from July through September 2015, the company's ninth consecutive quarter of export losses:**



Cloud Peak's export earnings, 2012-2015, by Sightline Institute, available under our [free use policy](#).

Astonishingly, Cloud Peak lost all that money while moving a piddling 900,000 tons of coal overseas. (Yes, in the coal world, 900,000 tons is piddling.) The specifics of those losses are somewhat complicated; not only did Cloud Peak lose money on actual sales, the company also paid steep penalties for not shipping enough coal. Still, **Cloud Peak was losing between \$10 and \$15 on every ton of coal it shipped to Asian customers during the quarter.**

Notably, Cloud Peak has far and away the best export economics of any PRB coal company. **Peabody and Arch, the other two major players in the PRB export game, would have lost even more than Cloud Peak if they had tried to export their wares to the Pacific Rim.**

So just imagine the dire straits the coal industry would have put themselves in had Northwest coal ports moved forward as quickly as their proponents had hoped. Right about now, the first phases of several massive projects would be nearing completion, with the capacity to ship roughly 50 million tons of coal to Asia each year. **To finance construction, the ports likely would have locked coal companies into long-term export contracts saddling them with losses of \$10 to \$20 per ton on roughly 12.5 million tons of coal per quarter.**

By slowing down and blocking coal terminals, the **environmental community may have saved PRB coal miners some \$700 million per year**—more than the entire market capitalization of the four largest coal companies operating in the basin. It may seem as if the coal industry is hurting today, but it's nothing compared to the bloodbath those companies would be facing if those ports had been built.

Obviously, this isn't a story that you'll hear the coal industry tell in public, except in an unguarded moment. They've continued to complain that environmentalists are killing jobs, stifling a great business opportunity, and so on. **That story line, while false, lets coal industry executives blame their own poor business judgment on someone else.**

But the truth is that **coal exports are lousy business**. There's **simply no money to be made in shipping Powder River Basin coal to Asia. There hasn't been for years.** The only thing that would-be exporters can do now is hope that the Asian coal bubble re-inflates for long enough for them to get rich, and then get out before it pops once again.

# Ten Reasons Why A Sustained Drop In Oil Prices Could Be Catastrophic

By [Gail Tverberg](#) Posted on Mon, 08 December 2014 22:00 | 14

Not long ago, I [wrote](#) Ten Reasons Why High Oil Prices are a Problem. If high oil prices can be a problem, how can low oil prices also be a problem? In particular, how can the steep drop in oil prices we have recently been experiencing also be a problem?

Let me explain some of the issues:

## **Issue 1. If the price of oil is too low, it will simply be left in the ground.**

The world badly needs oil for many purposes: to power its cars, to plant its fields, to operate its oil-powered irrigation pumps, and to act as a raw material for making many kinds of products, including medicines and fabrics.

If the price of oil is too low, it will be left in the ground. With low oil prices, production may drop off rapidly. High price encourages more production and more substitutes; low price leads to a whole series of secondary effects (debt defaults resulting from deflation, job loss, collapse of oil exporters, loss of letters of credit needed for exports, bank failures) that indirectly lead to a much quicker decline in oil production.

The view is sometimes expressed that once 50% of oil is extracted, the amount of oil we can extract will gradually begin to decline, for geological reasons. This view is only true if high prices prevail, as we hit limits. If our problem is low oil prices because of debt problems or other issues, then the decline is likely to be far more rapid. With low oil prices, even what we consider to be proved oil reserves today may be left in the ground.

## **Issue 2. The drop in oil prices is already having an impact on shale extraction and offshore drilling.**

While many claims have been made that US shale drilling can be profitable at low prices, actions speak louder than words. (The problem may be a cash flow problem rather than profitability, but either problem cuts off drilling.) [Reuters indicates](#) that new oil and gas well permits tumbled by 40% in November.

### **Related: Who Comes Out On Top After Oil Pandemonium?**

Offshore drilling is also being affected. Transocean, the owner of the biggest fleet of deep water drilling rigs, recently [took a \\$2.76 billion charge](#), among a “drilling rig glut.”

## **3. Shale operations have a huge impact on US employment.**

[Zero Hedge](#) posted the following chart of employment growth, in states with and without current drilling from shale formations:



## Jobs In America - Shale Vs Non-Shale States

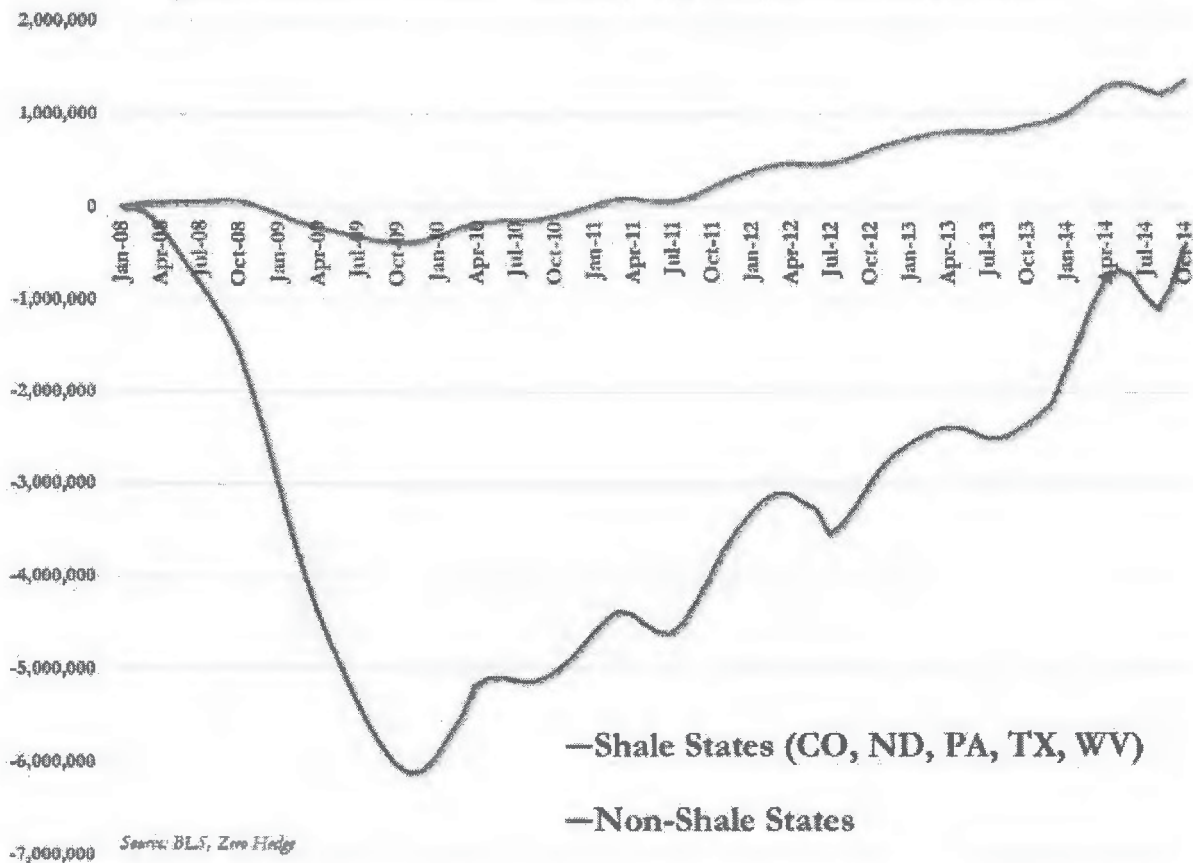


Figure 1. Jobs in States with and without Shale Formations, from Zero Hedge.

Clearly, the shale states are doing much better, job-wise. According to the article, since December 2007, shale states have added 1.36 million jobs, while non-shale states have lost 424,000 jobs. The growth in jobs includes all types of employment, including jobs only indirectly related to oil and gas production, such as jobs involved with the construction of a new supermarket to serve the growing population.

It might be noted that even the “Non-Shale” states have benefited to some extent from shale drilling. Some support jobs related to shale extraction, such as extraction of sand used in fracking, college courses to educate new engineers, and manufacturing of parts for drilling equipment, are in states other than those with shale formations. Also, all states benefit from the lower oil imports required.

**Issue 4. Low oil prices tend to cause debt defaults that have wide ranging consequences. If defaults become widespread, they could affect bank deposits and international trade.**

With low oil prices, it becomes much more difficult for shale drillers to pay back the loans they have taken out. Cash flow is much lower, and interest rates on new loans are likely much higher. The huge amount of debt that shale drillers have taken on suddenly becomes at-risk. Energy debt currently accounts for 16% of the US junk bond market, so the amount at risk is substantial.

Dropping oil prices affect international debt as well. The value of Venezuelan bonds recently fell to 51 cents on the dollar, because of the high default risk with low oil prices. Russia's Rosneft is also reported to be having difficulty with its loans.

There are many ways banks might be adversely affected by defaults, including

- Directly by defaults on loans held by a bank

- Indirectly, by defaults on securities the bank owns that relate to loans elsewhere
- By derivative defaults made more likely by sharp changes in interest rates or in currency levels
- By liquidity problems, relating to the need to quickly sell or buy securities related to ETFs

After the many bank bailouts in 2008, there has been discussion of changing the system so that there is no longer a need to bail out “too big to fail” banks. One proposal that has been discussed is to force bank depositors and pension funds to cover part of the losses, using Cyprus-style bail-ins. According to some reports, such an approach has been approved by the G20 at a meeting the weekend of November 16, 2014. If this is true, our bank accounts and pension plans could already be at risk.<sup>1</sup>

Another bank-related issue if debt defaults become widespread, is the possibility that junk bonds and Letters of Credit<sup>2</sup> will become outrageously expensive for companies that have poor credit ratings. Supply chains often include some businesses with poor credit ratings. Thus, even businesses with good credit ratings may find their supply chains broken by companies that can no longer afford high-priced credit. This was one of the issues in the 2008 credit crisis.

#### **Issue 5. Low oil prices can lead to collapses of oil exporters, and loss of virtually all of the oil they export.**

The collapse of the Former Soviet Union in 1991 seems to be related to a drop in oil prices.

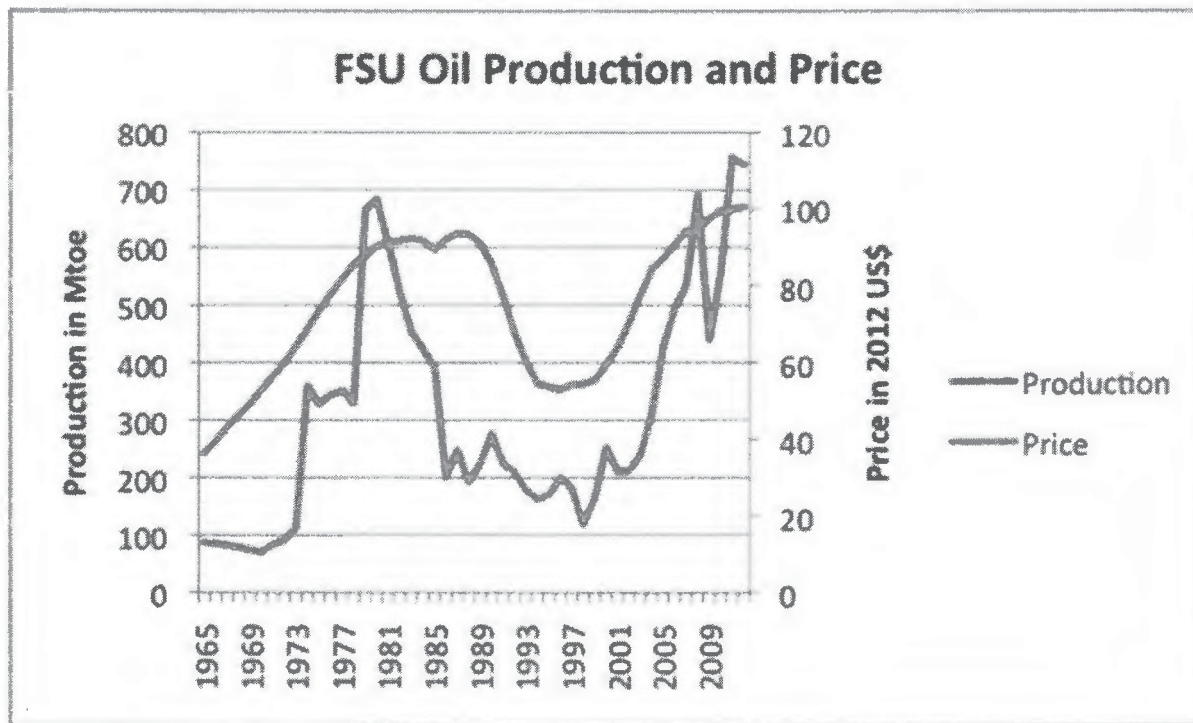


Figure 2. Oil production and price of the Former Soviet Union, based on BP Statistical Review of World Energy 2013.

Oil prices dropped dramatically in the 1980s after the issues that gave rise to the earlier spike were mitigated. The Soviet Union was dependent on oil for its export revenue. With low oil prices, its ability to invest in new production was impaired, and its export revenue dried up. The Soviet Union collapsed for a number of reasons, some of them financial, in late 1991, after several years of low oil prices had had a chance to affect its economy.

Many oil-exporting countries are at risk of collapse if oil prices stay very low very long. Venezuela is a clear risk, with its big debt problem. Nigeria's economy is reported to be “tanking.” Russia even has a possibility of collapse, although probably not in the near future.

Even apart from collapse, there is the possibility of increased unrest in the Middle East, as oil-exporting nations find it necessary to cut back on their food and oil subsidies. There is also more possibility of warfare among groups, including new groups such as ISIL. When everyone is prosperous, there is little reason to fight, but when oil-related funds dry up, fighting among neighbors increases, as does unrest among those with lower subsidies.

#### **Issue 6. The benefits to consumers of a drop in oil prices are likely to be much smaller than the adverse impact on consumers of an oil price rise.**

When oil prices rose, businesses were quick to add fuel surcharges. They are less quick to offer fuel rebates when oil prices go down. They will try to keep the benefit of the oil price drop for themselves for as long as possible.

Airlines seem to be more interested in adding flights than reducing ticket prices in response to lower oil prices, perhaps because additional planes are already available. Their intent is to increase profits, through an increase in ticket sales, not to give consumers the benefit of lower prices.

In some cases, governments will take advantage of the lower oil prices to increase their revenue. China recently raised its oil products consumption tax, so that the government gets part of the benefit of lower prices. Malaysia is using the low oil prices as a time to reduce oil subsidies.

Most businesses recognize that the oil price drop is at most a temporary situation, since the cost of extraction continues to rise (because we are getting oil from more difficult-to-extract locations). Because the price drop is only temporary, few business people are saying to themselves, "Wow, oil is cheap again! I am going to invest a huge amount of money in a new road building company [or other business that depends on cheap oil]." Instead, they are cautious, making changes that require little capital investment and that can easily be reversed. While there may be some jobs added, those added will tend to be ones that can easily be dropped if oil prices rise again.

#### **Issue 7. Hoped-for crude and LNG sales abroad are likely to disappear, with low oil prices.**

There has been a great deal of publicity about the desire of US oil and gas producers to sell both crude oil and LNG abroad, so as to be able to take advantage of higher oil and gas prices outside the US. With a big drop in oil prices, these hopes are likely to be dashed. Already, we are seeing the story, Asia stops buying US crude oil. According to this story, "There's so much oversupply that Middle East crudes are now trading at discounts and it is not economical to bring over crudes from the US anymore."

LNG prices tend to drop if oil prices drop. (Some LNG prices are linked to oil prices, but even those that are not directly linked are likely to be affected by the lower demand for energy products.) At these lower prices, the financial incentive to export LNG becomes much less. Even fluctuating LNG prices become a problem for those considering investment in infrastructure such as ships to transport LNG.

#### **\$80 Oil By Christmas – Do NOT Be Fooled By The Mainstream Media**

The current market turmoil has created a once in a generation opportunity for savvy energy investors. Whilst the mainstream media prints scare stories of oil prices falling through the floor smart investors are setting up their next winning oil plays.

[Click here for more info on successful oil investing](#)

#### **Issue 8. Hoped-for increases in renewables will become more difficult, if oil prices are low.**

Many people believe that renewables can eventually take over the role of fossil fuels. (I am not of the view that this is possible.) For those with this view, low oil prices are a problem, because they discourage the hoped-for transition to renewables.



Despite all of the statements made about renewables, they don't really substitute for oil. Biofuels come closest, but they are simply oil-extendors. We add ethanol made from corn to gasoline to extend its quantity. But it still takes oil to operate the farm equipment to grow the corn, and oil to transport the corn to the ethanol plant. If oil isn't around, the biofuel production system comes to a screeching halt.

#### **Issue 9. A major drop in oil prices tends to lead to deflation, and because of this, difficulty in repaying debts.**

If oil prices rise, so do food prices, and the price of making most goods. Thus rising oil prices contribute to inflation. The reverse of this is true as well. Falling oil prices tend to lead to a lower price for growing food and a lower price for making most goods. The net result can be deflation. Not all countries are affected equally; some experience this result to a greater extent than others.

Those countries experiencing deflation are likely to eventually have problems with debt defaults, because it will become more difficult for workers to repay loans, if wages are drifting downward. These same countries are likely to experience an outflow of investment funds because investors realize that funds invested these countries will not earn an adequate return. This outflow of funds will tend to push their currencies down, relative to other currencies. This is at least part of what has been happening in recent months.

The value of the dollar has been rising rapidly, relative to many other currencies. Debt repayment is likely to especially be a problem for those countries where substantial debt is denominated in US dollars, but whose local currency has recently fallen in value relative to the US dollar.



Figure 3. US Dollar Index from Intercontinental Exchange

The big increase in the US dollar index came since June 2014 (Figure 3), which coincides with the drop in oil prices. Those countries with low currency prices, including Japan, Europe, Brazil, Argentina, and South Africa, find it expensive to import goods of all kinds, including those made with oil products. This is part of what reduces demand for oil products.

China's yuan is relatively closely tied to the dollar. The collapse of other currencies relative to the US dollar makes Chinese exports more expensive, and is part of the reason why the Chinese economy has been doing less well recently. There are, no doubt, other reasons why China's growth is lower recently, and thus its growth in debt. China is now trying to lower the level of its currency.

**Issue 10. The drop in oil prices seems to reflect a basic underlying problem: the world is reaching the limits of its debt expansion.**

There is a natural limit to the amount of debt that a government, or business, or individual can borrow. At some point, interest payments become so high, that it becomes difficult to cover other needed expenses. The obvious way around this problem is to lower interest rates to practically zero, through Quantitative Easing (QE) and other techniques.

(Increasing debt is a big part of pumped up "demand" for oil, and because of this, oil prices. If this is confusing, think of buying a car. It is much easier to buy a car with a loan than without one. So adding debt allows goods to be more affordable. Reducing debt levels has the opposite effect).

QE doesn't work as a long-term technique, because it tends to create bubbles in asset prices, such as stock market prices and prices of farmland. It also tends to encourage investment in enterprises that have questionable chance of success. Arguably, investment in shale oil and gas operations are in this category.

As it turns out, it looks very much as if the presence or absence of QE may have an impact on oil prices as well (Figure 4), providing the "uplift" needed to keep oil prices high enough to cover production costs.

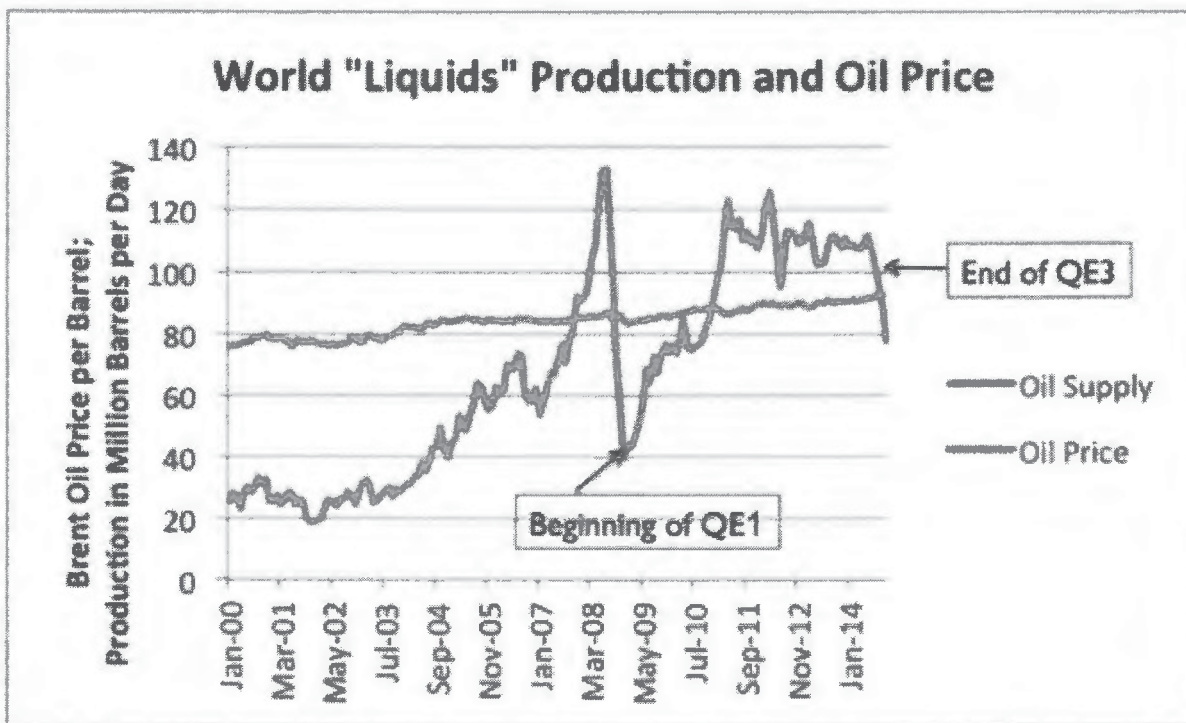


Figure 4. World "liquids production" (that is oil and oil substitutes) based on EIA data, plus OPEC estimates and judgment of author for August to October 2014. Oil price is monthly average Brent oil spot price, based on EIA data.

The sharp drop in price in 2008 was credit-related, and was only solved when the US initiated its program of QE started in late November 2008. Oil prices began to rise in December 2008. The US has had three periods of QE, with the last of these, QE3, finally tapering down and ending in October 2014. Since QE seems to have been part of the solution that stopped the drop in oil prices in 2008, we should not be surprised if discontinuing QE is contributing to the drop in oil prices now.



Part of the problem seems to be the differential effect that happens when other countries are continuing to use QE, but the US not. The US dollar tends to rise, relative to other currencies. This situation contributes to the situation shown in Figure 3.

QE allows more borrowing from the future than would be possible if market interest rates really had to be paid. This allows financiers to temporarily disguise a growing problem of un-affordability of oil and other commodities.

The problem we have is that, because we live in a finite world, we reach a point where it becomes *more expensive* to produce commodities of many kinds: oil (deeper wells, fracking), coal (farther from markets, so more transport costs), metals (poorer ore quality), fresh water (desalination needed), and food (more irrigation needed). Wages don't rise correspondingly, because more and more labor is needed to provide less and less actual benefit, in terms of the commodities produced and goods made from those commodities. Thus, workers find themselves becoming poorer and poorer, in terms of what they can afford to purchase.

QE allows financiers to disguise the growing mismatch between *what it costs to produce commodities, and what customers can really afford*. Thus, QE allows commodity prices to rise to levels that are unaffordable by customers, unless customers' lack of income is disguised by a continued growth in debt.

Once commodity prices (including oil prices) fall to levels that are affordable based on the incomes of customers, they fall to levels that cut out a large share of production of these commodities. As commodity production drops to levels that can be produced at affordable prices, so does the world's ability to make goods and services. Unfortunately, the goods whose production is likely to be cut back if commodity production is cut back are those of every kind, including houses, cars, food, and electrical transmission equipment.

## Conclusion

There are really two different problems that a person can be concerned about:

1. **Peak oil:** the possibility that oil prices will rise, and because of this production will fall in a rounded curve. Substitutes that are possible because of high prices will perhaps take over.
2. **Debt related collapse:** oil limits will play out in a very different way than most have imagined, through lower oil prices as limits to growth in debt are reached, and thus a collapse in oil "demand" (really affordability). The collapse in production, when it comes, will be sharper and will affect the entire economy, not just oil.

In my view, a rapid drop in oil prices is likely a symptom that we are approaching a debt-related collapse—in other words, the second of these two problems. Underlying this **debt-related collapse** is the fact that we seem to be reaching the limits of a finite world. There is a growing mismatch between what workers in oil importing countries can afford, and the rising real costs of extraction, including associated governmental costs. This has been covered up to date by rising debt, but at some point, it will not be possible to keep increasing the debt sufficiently.

## Related: A Glimmer Of Hope In Current Oil Price Slide?

The timing of collapse may not be immediate. Low oil prices take a while to work their way through the system. It is also possible that the world's financiers will put off a major collapse for a while longer, through more QE, or more programs related to QE. For example, actually getting money into the hands of customers would seem to be temporarily helpful.

At some point the debt situation will eventually reach a breaking point. One way this could happen is through an increase in interest rates. If this happens, world economic growth is likely to slow greatly. Oil and commodity prices will fall further. Debt defaults will skyrocket. Not only will oil production drop, but production of many other commodities will drop, including natural gas and coal. In such a scenario, the downslope of all energy use is likely to be quite steep, perhaps similar to what is shown in the following chart.



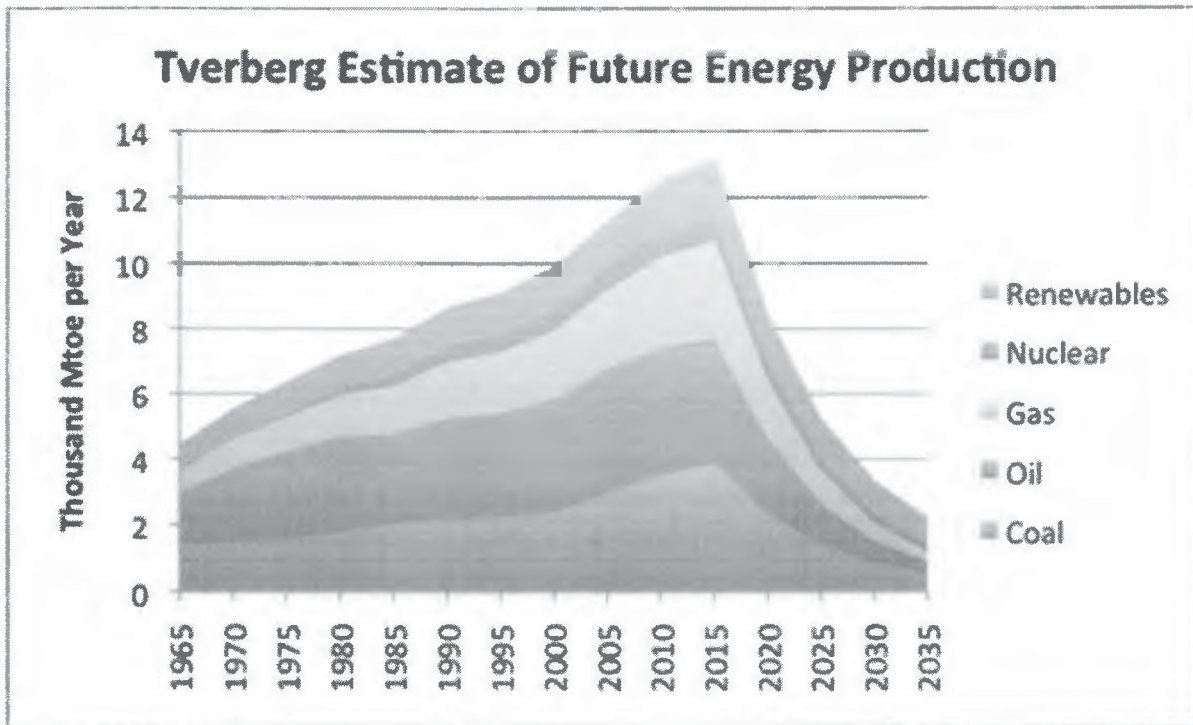


Figure 5. Estimate of future energy production by author. Historical data based on BP adjusted to IEA groupings.

Notes:

[1] There is of course insurance by the FDIC and the PBGC, but the actual funding for these two insurance programs is tiny in relationship to the kind of risk that would occur if there were widespread debt defaults and derivative defaults affecting many banks and many pension plans at once. While depositors and pension holders might try to collect this insurance, there wouldn't be enough money to actually cover these demands. This problem would be similar to the issue that arose in Iceland in 2008. Insurance would seem to be available, but in practice, would not pay out much.

[2] LOCs are required when goods are shipped internationally, before payment has actually been made. They offer a guarantee that a buyer will be able to "make good" on his promise to pay for goods when they arrive.

By Gail Tverberg

Source - <http://ourfiniteworld.com/>

**Parsons, Susan**

---

**From:** Joyce Weir <jaweir@povn.com>  
**Sent:** Friday, November 06, 2015 8:31 AM  
**To:** Council Clerk – Testimony  
**Subject:** Fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

As a native of Oregon I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a thoroughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Joyce Weir  
Box 973  
Newport, WA 99156

**Parsons, Susan**

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**From:** jan and larry Slobin <janetjs@comcast.net>  
**Sent:** Friday, November 06, 2015 8:44 AM  
**To:** Council Clerk – Testimony  
**Subject:** //we support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

We strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. We also support the resolution opposing dangerous oil trains.

We urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

jan and larry Slobin  
2340 NW Brewer Kabe  
Portland, OR 97229  
503-200-2202



**Parsons, Susan**

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**From:** Craig Heverly <heverlyjc@hevanet.com>  
**Sent:** Sunday, November 08, 2015 1:36 PM  
**To:** Council Clerk – Testimony; Saltzman, Dan; Commissioner Fish; Commissioner Novick  
**Subject:** Council meeting Thurs.

I am writing asking you to join Mayor Hales and Councilor Fritz in supporting the proposed measure to ban future development of fossil fuel infrastructure. When my wife and I moved to Portland twenty years ago it was largely a decision based on reputation. It was the type of place we wanted to call home for our family. This measure will go a long way toward building on that good reputation, We would be saying to the world, "This is a place that looks to the future, not only of our immediate area but of the whole planet. We are not willing to be the servants of a dirty, destructive, deadly 19th century power source. We are looking to a new creation based on sustainable and life-giving sources of energy." It is a beautiful vision. Please support it.

Thank you.

Craig Heverly  
4814 SE 30th Ave #131  
Portland, OR 97202  
(503) 235-7144

**Parsons, Susan**

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**From:** Craig Heverly <heverlyjc@hevanet.com>  
**Sent:** Monday, November 09, 2015 5:06 PM  
**To:** Commissioner Novick; Commissioner Fish; Council Clerk – Testimony; Saltzman, Dan  
**Subject:** Fossil fuels

Please vote "yes" on the resolution to ban further development of fossil fuel transport and storage. And please, no amendments to study, postpone, or create panels. We already know that further fossil development is no good for the City and no good for the future of the planet. Please vote yes and put Portland at the head of the movement for a sustainable tomorrow.

Thank you.

Craig Heverly  
4814 SE 30th Ave #131  
Portland, OR 97202

## Parsons, Susan

---

**From:** Jenny Stephenson <bounce@list.credoaction.com>  
**Sent:** Monday, November 09, 2015 12:51 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Jenny Stephenson  
San Antonio, TX



## Parsons, Susan

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**From:** Megan Bradley <mekabra@gmail.com>  
**Sent:** Tuesday, November 10, 2015 11:17 AM  
**To:** Hales, Mayor; Commissioner Novick; Commissioner Fish; Commissioner Fritz; Commissioner Saltzman; Council Clerk – Testimony  
**Subject:** Vote Yes on Resolution 1157

Dear Mayor Hales, Commissioners Fish, Novick, Fritz, and Saltzman,

First, THANK YOU, THANK YOU, THANK YOU for passing the oil train resolution last week.

Second, I write you now in support of Resolution 1157. I don't think it's hyperbole to say that we could be climate heroes nationwide if we pass this resolution. I want to live in a city that is taking action to do our best to make a world where the ones growing up now will have a chance at survival. Short term profits, though understandably tempting, are not ethical choices anymore. We can't afford to leave this world in shambles. So, let's be the leaders that we know we are!

You can actually make a difference this week, that really will change the world. Your actions DO make a difference. We need you to be strong leaders for us right now, to make choices that set us on a better path for a future for human life on this planet.

Thank you for all you already do in this vein.

Let's do more.

Sincerely,

Megan Bradley  
5432 SE Lafayette St.  
Portland, OR 97206

Edith J. Gillis, 4626 SE Clinton St., #52, Portland, OR 97206, 503-777-4411

Life-long Oregonian, former business-owner, serious voter, 45 years as a conscientious activist putting her life on the line

November 11, 2015

Commissioner Nick Fish  
Commissioner Steve Novick  
Commissioner Dan Saltzman  
Council Clerk Karla Moore-Love

Fossil fuel projects destroy jobs, tax-base, city bond ratings, and our local economy; increase sex slavery/crimes and train wreck fatalities; and hurt the very people and jobs we need instead— examples from my personal life re. family train tragedy, and sustainable jobs with restaurants, fisheries, farms, engineering, disaster resiliency

Dear Commissioners and Clerk:

The last two weekends I've enjoyed delicious food and enjoyable conversations at Jakes Famous Crawdad Restaurant, founded in 1892, and this is how it is relevant to the fossil fuel vote.

Last Saturday we talked with big-spending strangers sitting nearby who took Amtrak from Seattle to enjoy a weekend of Portland restaurants when global climate change and a hurricane changed their plans to spend a month in Mexico. They said a U-Haul truck hit a bridge making it unsafe for trains, delaying their trip mid-route by many hours, and how catastrophic it could have been if their train had instead been an oil bomb going over the bridge at the time or soon after.

My mother was killed and my nine-year-old sister injured at a railroad crossing September 1976 because of the same rail industry neglect and corruption. In spite of nation-wide media coverage because dozens of similar but unreported fatal accidents had previously happened at the same place without correction because Indian lives were not valued, still BNSF does not maintain safe crossings, does not publish rail damage, does not have cameras or satellite or computer sensors along the rails or reporting or regular maintenance before each train travels the route, does not have safe couplers, does not have adequate fire suppression equipment or staff, and the single employee on the oil or coal or propane train would not be able to know the rails were unsafe or to stop in time. None of the rail cars used by the fossil fuel industry are reliable or safe, and the tracks are not properly maintained, while worker whistleblowers are fired, libeled, harassed, and sued while the public is given falsified reports and more lies. Since coal cars must be uncovered to prevent spontaneous combustion, the spilled coal dust and sprayed on poisons also corrodes the metal and can cause derailments, or explode with sparks from the friction, with or without dripping oil and diesel. These situations endanger lives of anyone nearby and jobs in the rail industry and any business shipping by rail. Meanwhile, the delays for fossil fuel trains means that Amtrak is less reliable and losing money and customers, endangering Portlanders' jobs. Please don't collude with more people dying as did my mom.

These fellow restaurant guests certainly would not come to Portland if the fossil fuel industry increased, ruining the environment and community feel they seek. If you vote no on the Fossil Fuel Policy Resolution, these well-connected tourists and their friends will stop spending money in Portland.

**A no vote means fewer Portlanders will have jobs directly or indirectly related to rails, restaurants, motels, and entertainment.**

That got me thinking about the broken promises for short-term jobs the lying fossil fuel industry and other polluters use to make taxpayers pay across all stages of costs of their business while they keep the profits and don't clean up their messes or pay for their injured workers or harmed or killed customers and people down-stream, and how each and every fossil fuel disaster over the last century has not resulted in the injured and harmed getting justice or the industry cleaning up its spills, explosions, or fires. Tax-dodging multinational fossil fuel corporations lie that they bring in needed jobs. Actually, they are losing money fast even with huge federal subsidies and not paying taxes, even as they take away jobs, fight family wages and benefits and unions, and take away other long-term and family-wage safe jobs, and leave taxpayers to pay for unemployed, poisoned, injured, or killed Oregonians.

Infrastructure jobs for coal, oil, LNG/methane, and propane are short-term before the failing fossil fuel export industry busts, since it cannot pay its own costs now, prices are falling while costs increase, demand is falling, investors are divesting,

insurance companies are making it too costly, competition from sustainable energy is taking over, and citizens are fighting and replacing pro-fossil fuel politicians with public servants committed to just and sustainable economy.

**Good long-term, stable, sustainable family-wage jobs and family-owned businesses which give back to our society in so many ways could be destroyed with increased fossil fuel infrastructure and traffic. The guaranteed pollution, fires, and explosions from increased infrastructure for oil, coal, LNG/methane, and propane means destroying our river and ocean fisheries and tourism industry.**

I don't just eat at Jakes; since I was "itty-bitty Edie" our families and guests have enjoyed and recommended the oldest, continuously-family-owned restaurant in Portland -- Dan and Louis Oyster Bar, founded in 1907-- where their employees have stable jobs, unlike those wanting the unreliable and anti-union kaboom!-and-bust fossil fuel temporary jobs. Family-owned Pacific Seafood founded in Oregon in 1941, run by its 88-year-old owner has 38 different processing and distribution facilities from Alaska and Hawaii to Chile, and is a leader in the world.

Iliamna Fish Company, housed on SE 60<sup>th</sup> by Mt. Tabor, is a sustainable boutique fish csa with community members buying shares of the quality salmon catch. The extended family of fishermen provide many additional benefits to Portland. For example, Eike and Reid Ten Kley did annual yardwork at Franklin High School and donated to the auditorium painting and sound system with Imago Dei. Reid heroically did exhausting, back-aching hard volunteer work on his birthday removing yews to build Franklin's life skills class vegetable gardens, saving taxpayers and making our city better. His whole team exudes love and integrity. These are the types of long-term community members and businesses I trust, respect, and enjoy, and that I want you to support with a YES vote, and not attack and destroy with a no vote.

A no vote on the fossil fuel policy resolution would guarantee that coal dust and other pollution would destroy our salmon habitat, rivers, and Pacific fisheries, shell fish grounds, and coastline, and destroy all the jobs that would be lost as a result. Increased dredging of the rivers and ports for the huge dangerous ships taking our fuels to China would guarantee more and catastrophic shipwrecks in the Graveyard of the Pacific, the extremely dangerous and changeable mouth of the Columbia River. **Pollution would destroy the fishing, oyster and shell fish industry, whale-watching and scuba, tourism, and related jobs in Portland and along the Pacific.**

**It is unfair and hypocritical to punish these hard-working, tax-paying, good caring Portlanders practicing sustainable fishing and providing stable long-term family wage jobs to instead subsidize fossil fuel outsiders who rape and run, ruining our state's economy and cultures.**

**But the fossil fuel polluters and liars don't just figuratively rape our land, waters, and economy; their kaboom!-and-bust construction projects bring in outsiders who don't care about the local area and people and also cause worse child sex trafficking, disease, and poverty wherever they exist across the continent. Don't allow this.**

September 1993 while I was in labor at Emanuel Hospital, my then two-year-old girl Grace and seven-year-old son Will were taken down the hall from me, then according to the City of Portland homicide detective, "Kidnapped to be sold into prostitution for drug money." I read and hear that more and more Portland infants, toddlers, and young children are sold to be raped and video-graphed because they are easier to handle, control, transport, and silence. While human trafficking and illegal drugs increase the profits of some banks, gun-dealers, and porn producers, they cause years of incalculable costs and suffering, failure in schools, chronic physical and mental illness, chronic unemployment or underemployment, cancerous despair, and the powder-keg of PTSD.

**Not every job and dollar is equal; we cannot afford to attract crime and make crime pay.** Oregon, Multnomah County, the feds, and Portland don't pay for the needed mental health permanent jobs that can do far more good for Portland than the kaboom!-and-bust temp jobs. See attached article about child sex trafficking that follows oil/coal kaboom!-and-bust projects.

Instead, provide safer, healthier, sustainable family jobs and more fulfilling means to prevent homelessness and so more can feel powerful and thrilled connecting with our community, with accountable businesses with law-abiding owners who continue to live for generations in Portland caring for our community.

An example of the good families and businesses we need are exemplified by a fellow Sunday School classmate of my daughter AnnaJoy who was born at Emanuel Hospital in 1993. Jessica Graser-Lindsey graduated from PSU this year with honors in engineering, with a capstone project designing, making, and using tools for making carbon fiber bikes, and she uses this expertise to make better equipment for organic farming with horses not fossil fuels. She can use her mustang horses rescued from BLM slaughter for rescuing Portlanders between our big earthquakes and methane gas explosions/fires. She rode her horse between her family's organic farm and the bus stop to commute to and from PSU. At home, she cares for the dairy goats, chickens, and food crops



managed by her mother Elizabeth, a former professor in engineering and agricultural micro-climates who taught students decades ago about global climate change, while her father Barry works for a small construction company and on the farm.

**When she did an internship on a fossil-fuel-free horse farm outside of Eugene, she could not ride on Amtrak or transport her horses and equipment on Amtrak reliably, because oil and coal trains were taking precedence and delaying sustainable passenger trains, and if you allow further fossil fuel infrastructure, it would effectively kill sustainable rail traffic between Portland and Eugene.** Bad public policy wasted her time and income on erratic rail schedules and inadequate service which took time away from her many tasks at her organic farm at home outside of Oregon City, or on the job in Eugene, for a business in Portland where she is an engineer, and time from her developing sustainable businesses we need in the Portland area.

**Instead of wasting city dollars subsidizing the fossil fuel industry that does not pay its bills or clean up its messes or care for the people it harms or kills, Portland needs to invest in creative problem-solvers with her integrity and businesses like hers. Instead of investing in businesses that will cause pollution and explosions killing Portlanders, we need to invest in people like Jessica who reduce pollution and have ways to save Portlanders' lives, reaching them by horse when expensive fire trucks and ambulances cannot.** She can use her sturdy, reliable formerly-wild horses to carry wounded Portlanders on slings when wheeled and tread vehicles won't function. She can use her horses to save the lives of Portlanders when fires, sparks, and explosive gases will make the use of gasoline or diesel vehicles or generators dangerous. She can deliver organic local food when FEMA fails us, stores are demolished and out of stock, and local gardens are inadequate to grow food, and all the torn up paved surfaces prevent safe food crops. She doesn't contribute to the problems and she has the solutions to them, and at far smaller cost and far greater benefit to Portlanders and Oregonians.

Her father's expertise building structures from recycled materials and building and using boats will be needed when our bridges and buildings fail. Her calm and courageous genius mother's skills growing and preparing food, engineering, and healing people with prayer will all be what we need now and when we have series of huge earthquakes, mudslides, liquefaction, methane and other gas explosions and fires, and scared violent people. These are the good people and qualities we need. Your investment into these good character strengths, talents, values, skills, and expertise is what Portland needs.

Don't waste our money and lives gambling on the failing and fraudulent fossil fuel industry. Don't allow the selfish, dishonest, parasitic, contemptuous, abusive and neglectful, criminal psychopathic mentality and behavior of the fossil fuel corporate decision-makers. My late abusive husband was a psychopath in the law business, so I well recognize the kind of thinking and acting that we need to make policies to prevent and reduce. Just as we voted and paid to protect us from little criminals and individual abusers and murderers, do your job protecting us from the big bad guys. We voted for you to keep us people, environment, economy, and community safe, healthy, sustainable, livable, and good for raising our families and enjoying our great grandchildren, creating jobs and solutions, and creating an example of a better world.

**New and expanded fossil fuel infrastructure and projects would destroy local, long-term, sustainable family-wage jobs and strong communities and economies, and cost taxpayers and local businesses and individuals far more money and peace of mind.** Vote YES on the Fossil Fuel Policy Resolution.

**Protect people from the preventable disasters caused by poor public policy and corporate corruption that killed my mother and injured my sister at the rail crossing, and that resulted in my two little children Grace and Will being kidnapped to be sold into prostitution for drug money. Invest in sustainable, humane, creative solutions and local families who will stay here for generations if you keep Portland safe and healthy and fair for all. Show your support for good economic sense and people like the family owners of Dan and Louis Oyster Bar, like 88-year-old owner of Pacific Seafood, like community volunteer Reid Ten Kley of Ilamna red salmon CSA, like horse-farming engineer inventor Jessica Graser Lindsey and her carpenter dad and organic farmer/engineer mom. Give good reasons for the friendly people I met at Jakes Famous Crawfish Restaurant to come and spend money in Portland.**

Follow up your YES vote with better public policies to make Portland safe, healthy, sustainable, worth investing in and living and volunteering in.

Sincerely,



Edith J. Gillis

# North Dakota's oil industry fuels another boom: sex trafficking

By Amy Dalrymple and Katherine Lymn Forum News Service

Posted: 01/04/2015 12:01:00 AM CST Updated: 01/05/2015 12:53:03 PM CST



(Photo illustration: Benjamin Edwards photography / Forum News Service)

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## ▮ When Twin Cities girls are missing, cops look to Oil Patch

Clayton Louis Lakey scrolls, and girls beckon.

Rather, their sellers do.

Like carnival barkers in an Internet sideshow, they tout their product: young women who will provide companionship. For a price.

"I have girls that are waiting for you to do with as you please," one online ad promises.

Lakey, 34, scrolls through the lurid postings, scores of them offering a break from the tedium and loneliness of his solitary job packing dirt in the Bakken oilfields.

Another ad grabs his attention. "Hot young girls!" it says.



Clayton Lakey, 34, a North Dakota oilfield worker caught up in a November 2013 sex trafficking sting, pleaded guilty in U.S. District Court in May to a charge of coercion and enticement. (Forum News Service)

"They are experienced and ready to go if you are."

Lakey is ready. With a few clicks, he says he wants a girl. A young girl.

From a distant site, supply negotiates with demand.

"I have a little girl."

"How old is she? Do you have a place to host?"

"13 and yes I have a place to host."

"Can I hook up with her tomorrow when I get off work?"

"Sure, got cash?"



/ says he doesn't want to use a condom.

at's fine."

nd they talk in text shorthand, buyer and seller, about younger girls.

"What age is ur youngest you have?"

"I have younger, but they're not as experienced as my 13 yo. I got a 10 yo in training but I don't think she's quite ready."

Lakey asks to see a photo, and he discusses paying \$5,000 for the 10-year-old girl.

Advertisement

For "it," he says. For owning "it."

He asks how the seller recruits girls to work for him. How do you keep "the product" from running?

He agrees to pay \$250 for sex with the 13-year-old.

But when he arrives at the designated tryst stop, he learns the girl doesn't exist, her pimp is a cop and Lakey is on his way to prison, his twisted yearnings captured in police chat logs and court affidavits.

Over the past six months, Forum News Service has investigated an emerging issue in the Bakken oilfield region of western North Dakota: sex trafficking, including the trafficking of children.

We reviewed hundreds of documents and conducted more than 100 interviews with law enforcement officers, victim service providers, victims rescued from the sex trade and experts who have examined the issue regionally, nationally and internationally.

Our reporting took us from the Dakotas to Washington, D.C., from predators in courtrooms and prostitutes in police cars to top law enforcement agents, high elected officials and victim advocates who once were caught up in "the life" themselves.

What we found:

Sex trafficking can be an incredibly lucrative business, but far more for the traffickers than for the women and girls they exploit. Traffickers near and far have shown themselves eager to supply a booming demand in the "market" that is the Bakken.

Sex traffickers operating in North Dakota frequently are engaged in drug trafficking as well, and the extent of that trade is growing, along with the severity of the drugs involved.

Backpage.com, which has replaced Craigslist as the primary Internet prostitution marketplace, daily displays staggering numbers and varieties of sex-for-money ads, especially in pages aimed at growing male-heavy populations in Williston and Minot, N.D. But there is disagreement over whether authorities should seek to end the practice, fearing the ads could migrate to sites less easy for police to monitor -- or use to set up stings.

While many people may see prostitution as a life of choice, advocates and others close to the issue increasingly resist that characterization: Most of the women engaged in prostitution actually are victims, they say, and need to be treated as such.

North Dakota service providers, including staff at domestic violence shelters, report seeing a growing number of women and girls they believe to be victims of trafficking, but the state has no dedicated shelters for trafficking victims and the facilities that offer such services are 500 or more miles from the Oil Patch.

Law enforcement agencies and victim service providers in western North Dakota, even if inclined to help, are maxed out, struggling to keep up with all the demands of a booming population and the crime that has followed.

As local, state and federal authorities look to ramp up pressure on sex trafficking in the region, the initial arrest and conviction numbers may not seem terribly shocking.

In the past year, federal and state courts in North Dakota have charged seven people with offenses related to sex trafficking or felony facilitating or promoting prostitution. The cases involve allegations in Bismarck, Minot, Williston and Dickinson.

More than a dozen men were convicted in the state in 2014 in federal and state courts for seeking to buy sex with underage girls. The sting that resulted in charges against Lakey snared so many prospective johns it had to be shut down early.

Paula Bosh, who has worked as a victim specialist with the FBI in Minot for 11 years, never encountered a human-trafficking case until recently. She now estimates she has worked with 12 adult victims of sex trafficking in northwest North Dakota in the past 1 1/2 years.

The influx of young, unaccompanied men working high-paying oil jobs fuels the market for trafficking in the Bakken, said Siddharth Kara, a Harvard researcher who has traveled the world interviewing victims and traffickers.

With communities still catching up to the challenges of rapid growth, a general lack of awareness and strained law enforcement resources, the risk of getting caught is diminished.

Another factor complicating the issue: Drug crimes increased 19.5 percent from 2012 to 2013 in North Dakota, and many of the same people trafficking drugs are involved in sex trafficking, Attorney General Wayne Stenehjem said.

"Everybody used to specialize, and now they're diversifying," Stenehjem said. "They're all tied together."

Adults who are coerced or forced into engaging in prostitution through the use of violence, threats, lies or other tactics are considered victims of sex trafficking under federal law. Anyone younger than 18 who is involved in commercial sex is considered a victim regardless of whether force, fraud or coercion are involved.

In 2013, the National Center for Missing and Exploited Children estimated that one in seven endangered runaways reported to them was likely a sex trafficking victim.

Kara, considered an authority on human trafficking, said sex slavery has been more present in rural America than many people realize, and anecdotal evidence from western North Dakota before the oil boom seems to bear that out.

Heidi Carlson, who was recruited into prostitution as a Minnesota college student, said she traveled a circuit in the 1980s that included the Dakotas, Minnesota, Wisconsin and Nebraska.

"I've always known North Dakota as a spot that's got a lot of trafficking," said Carlson, who has since worked to help trafficking victims in the Twin Cities. "There were no man camps when I was in North Dakota. It was all the community guys."

But the oil boom has put a brighter spotlight on North Dakota and the issue of human trafficking, drawing several rounds of national media attention and a recent visit to Williston by a senior human-trafficking adviser for the U.S. Department of Health and Human Services.

It is mouse-click easy now for women and johns to connect. Sites such as [Backpage.com](http://Backpage.com) host the ads, and meetings can be arranged without a woman ever having to be seen soliciting sex.

[Backpage.com](http://Backpage.com) has as many as 70 commercial sex ads in a typical night for Williston and sometimes 100 or more for Minot.

Minneapolis police Sgt. Grant Snyder, who trains law enforcement officers on human trafficking, was concerned about the potential for trafficking in the Bakken and monitored Backpage ads west of Bismarck for four months. He found that 70 percent of the ads had been posted in a different state the previous week.

"That's shocking," Snyder said. "Nobody else has that issue."

Traffickers often move from city to city to stay off the radar, Michael Osborn, chief of the FBI's Violent Crimes Against Children unit, told Forum News Service.

Some perceive the women on [Backpage.com](http://Backpage.com) as opportunists moving to the Bakken eagerly to earn big money and that they are engaging in a "victimless crime." Attitudes are shifting, however, as reflected in a recent comment by Tim Purdon, U.S. attorney for North Dakota.

"My belief is that a lot more people involved in prostitution are being forced into it through some form of force, fraud or coercion," Purdon said.

Clayton Louis Lakey was the first conviction from more than a dozen men arrested in "Operation Vigilant Guardian," a federal sting targeting men in Dickinson and Williston who were seeking to purchase sex with minors.

Assistant U.S. Attorney Gary Delorme told the judge during Lakey's sentencing that the catch-a-predator operations work, and they can prevent children from being abused in the Bakken.

But Heather McCord Mitchell, a federal public defender who represented Lakey and met with several of the defendants from the sting, told the judge that the problems arise from more than the money flowing into the Bakken. A majority of the men were having difficult times with nowhere to turn, she said during Lakey's sentencing hearing.

"It's a lot of men who are away from their families, isolated, lonely, many grappling with severe depression," she said. There is considerable alcohol and drug use in the area, and a lack of services, particularly a lack of mental health services, adds to the feeling of isolation, she said.

It's unclear how many underage girls are being forced into prostitution in North Dakota, but national statistics show that the average age of entry into prostitution is 12 to 14.

Police in Moorhead, Minn., rescued a 13-year-old sex trafficking victim in June after responding to a suspicious ad on [Backpage.com](http://Backpage.com). The girl was a runaway from the Twin Cities.

Grand Forks police have encountered two underage sex trafficking victims in the past two years, said Lt. Jim Remer. One case involved a 17-year-old girl, and the trafficker was recently sentenced in a federal case in Minnesota.

And while the trafficking cases prosecuted so far in North Dakota have not involved underage victims, the strong response to stings that advertise underage girls using keywords on Craigslist and Backpage indicate underage victims likely are in the state, Attorney General Stenehjem said.

Lakey pleaded guilty in U.S. District Court in May to a charge of coercion and enticement. He was sentenced to five years in prison, followed by 10 years of supervised release. He also must register as a sex offender.



He was legally separated from his wife, he told a federal judge, and had been working in North Dakota for three years, trying to make enough money to get a better place and seek custody of his 5-year-old daughter.

"I was just going through a hard time and lonely," Lakey told the judge. "And I just got bored and doing -- looking back at this now, it just -- I don't know how I could have even did it."

But he did. He arranged to pay to have unprotected sex with a 13-year-old girl.

Rob Fontenot, an investigator with the North Dakota Bureau of Criminal Investigation, was involved with the sting. "What was scary ... was that he would refer to the child as 'it,' " Fontenot said. "As a parent and a cop and a human being ... it's shocking to think those people are really out there."

This story is the first in a series by Forum News Service about sex trafficking in North Dakota's Bakken oilfield region. Read more stories from the series in coming days in the Pioneer Press and on [TwinCities.com](http://TwinCities.com).

See the entire series and additional materials at [traffickedreport.com](http://traffickedreport.com)

**Parsons, Susan**

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**From:** Sarah Prowell <sprowell@ix.netcom.com>  
**Sent:** Sunday, November 08, 2015 2:48 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Sarah Prowell  
2216 SW Sunset Blvd  
Portland, OR 97239  
503-452-0972

**Parsons, Susan**

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**From:** Max Osofsky <Mo41@humboldt.edu>  
**Sent:** Saturday, November 07, 2015 11:31 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Max Osofsky  
2107 se clinton st  
Portland, OR 97202



**Parsons, Susan**

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**From:** Deva Fleming <Msdeva@gmail.com>  
**Sent:** Saturday, November 07, 2015 5:14 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Deva Fleming  
6420 NE 42nd Ave  
Portland, OR 97218

**Parsons, Susan**

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**From:** Cheryl Baker <cheryl74074@gmail.com>  
**Sent:** Saturday, November 07, 2015 9:33 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Cheryl Baker  
1719 N Jantzen Ave  
Portland, OR 97217  
4057439398

**Parsons, Susan**

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**From:** Linda Greene <lgreene@bloomington.in.us>  
**Sent:** Saturday, November 07, 2015 9:27 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Linda Greene  
7487 N. John Young Rd.  
Unionville, IN 47468

**Parsons, Susan**

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**From:** Carolyn Crawford <sandiadogg@yahoo.com>  
**Sent:** Saturday, November 07, 2015 7:32 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Carolyn Crawford  
752 Parpala Road  
Naselle, WA 98638  
360-484-3437



**Parsons, Susan**

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**From:** Ninette Jones <sealiondefensebrigade@gmail.com>  
**Sent:** Saturday, November 07, 2015 6:52 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ninette Jones  
7637 N interstate  
Portland, OR 97217

## Parsons, Susan

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**From:** Charlotte Sines <ladycatx@yahoo.com>  
**Sent:** Saturday, November 07, 2015 6:44 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

I will be moving to Oregon next fall and it would be really nice if my new home will not be covered in new fossil fuel infrastructure. Oregon's green energy policies are one of the main reasons I am moving there. Please do not allow any new fossil fuel developments in such a beautiful city and state.

Sincerely,

Charlotte Sines  
3014 N. Arcardia St. #202  
Colorado Springs, CO 80907

**Parsons, Susan**

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**From:** Jim Lockwood <jimlockwood45@yahoo.com>  
**Sent:** Monday, November 09, 2015 11:12 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jim Lockwood  
31516 s w firdale Rd  
Cornelius, OR 97113

**Parsons, Susan**

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**From:** Jeff Koupal <jbkrdk@gmail.com>  
**Sent:** Tuesday, November 10, 2015 9:25 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jeff Koupal  
3712 Bayonne Dr se  
Salem, OR 97317  
5039105017



**Parsons, Susan**

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**From:** Bob Pierson <epdmbob@aol.com>  
**Sent:** Tuesday, November 10, 2015 9:05 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Bob Pierson  
14650 NE Russell Ct  
Portland, OR 97230  
503-255-3886

**Parsons, Susan**

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**From:** Dennis Paul <paulcommadennis@gmail.com>  
**Sent:** Tuesday, November 10, 2015 11:57 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a thoroughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Dennis Paul  
5624 SE Raymond St.  
Portland, OR 97206  
5094323860

## Parsons, Susan

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 10:35 PM  
**To:** Council Clerk – Testimony  
**Subject:** Please VOTE YES on the Fossil Fuel Resolution!

From: Gayle  
Email: cgjanzen@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

Good news that you are opposing opposing new fossil fuel infrastructure in Portland and surrounding waterways. I strong support your resolution. We need cities and states to start taking the lead away from dirty energy and moving towards clean energy since the US govt. continues to try to prop up dirty energy and turn the PNW into a dirty export hub. We say NO to dirty energy!!

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Gayle

**Parsons, Susan**

---

**From:** John Beaston <john@beaston.com>  
**Sent:** Saturday, November 07, 2015 1:57 PM  
**To:** Commissioner Novick; Commissioner Saltzman  
**Cc:** Hales, Mayor; Commissioner Fritz; Council Clerk – Testimony  
**Subject:** Supporting the Fossil Fuel Resolution

I strongly support the resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents the risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust all of which have happened in other communities. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

I urge you to join Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents.

Thank you.  
Sincerely,  
John Beaston  
5133 N Gay Ave  
Portland, OR 97217  
503-708-5900



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 10:55 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Claire  
Email: cebach@syr.edu

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Claire

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 10:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Tim and Ivy  
Email: ivyxtim@hevanet.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and well-being of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Tim and Ivy Dixon

Tim and Ivy

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 10:03 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Lisa  
Email: lisagrimm97@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Lisa

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 7:51 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Nekko  
Email: nekko.deutsch@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Nekko



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 6:34 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Robert  
Email: [pricetesc@earthlink.net](mailto:pricetesc@earthlink.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Robert

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 6:33 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Nancy  
Email: nintu9@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Nancy

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 1:32 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Brenda  
Email: [brendaweber@cavtel.net](mailto:brendaweber@cavtel.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Brenda

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Sunday, November 08, 2015 8:31 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Donna  
Email: murph1949@aol.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Donna



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Sunday, November 08, 2015 2:20 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Heather  
Email: heatherbmcgarry@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Heather

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Sunday, November 08, 2015 8:31 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Larry  
Email: larryulrey@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Larry

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Sunday, November 08, 2015 8:06 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Justine  
Email: justinehurley@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Justine

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Sunday, November 08, 2015 7:36 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Robert  
Email: rmb4631@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Robert



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 11:24 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: James  
Email: jrhipp010@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

James

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 10:17 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: jonnel  
Email: jonnelcovault@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

jonnel

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 9:21 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Janiece  
Email: ms.jdstaton@frontier.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Janiece

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 7:48 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Jean  
Email: jteach@webtv.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Jean



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 7:34 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Brian  
Email: bwildman14@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Brian

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 7:25 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Todd  
Email: htcorbett@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Todd

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 7:29 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Todd  
Email: htcorbett@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Todd

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 1:21 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: David  
Email: dhermann@earthlink.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

David



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 9:54 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Maureen  
Email: maureenhavenner@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Maureen

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 6:52 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Annette  
Email: annetteon50th@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Annette

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 6:32 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Tom  
Email: sincict@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Tom

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 4:21 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Shawn  
Email: mstreuswaz@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Shawn



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 4:17 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Shawn  
Email: mstreuswaz@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

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Sincerely,

Shawn

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Saturday, November 07, 2015 12:48 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Gregory  
Email: gregojalab@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Gregory

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 11:10 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Anthony  
Email: anthony.p.teso@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Anthony

**Parsons, Susan**

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**From:** Joyce Sherman <bounce@list.credoaction.com>  
**Sent:** Sunday, November 08, 2015 3:08 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Joyce Sherman  
PORTLAND, OR



## Parsons, Susan

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**From:** Salsa mochi <bounce@list.credoaction.com>  
**Sent:** Sunday, November 08, 2015 2:15 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Salsa mochi  
Schenectady, NY

## Parsons, Susan

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**From:** Yvonne McDonald <bounce@list.credoaction.com>  
**Sent:** Saturday, November 07, 2015 6:53 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Yvonne McDonald  
Portland, OR

**Parsons, Susan**

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**From:** Shayna Glenn <bounce@list.credoaction.com>  
**Sent:** Saturday, November 07, 2015 4:24 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Shayna Glenn  
Portland, OR

**Parsons, Susan**

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**From:** Marilee Dea <bounce@list.credoaction.com>  
**Sent:** Saturday, November 07, 2015 6:59 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Marilee Dea  
Portland, OR



**Parsons, Susan**

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**From:** Jacqueline Glyde <bounce@list.credoaction.com>  
**Sent:** Saturday, November 07, 2015 2:50 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Jacqueline Glyde  
PORTLAND, OR

**Parsons, Susan**

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**From:** Pamela E Hepper <bounce@list.credoaction.com>  
**Sent:** Monday, November 09, 2015 10:27 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Pamela E Hepper  
Portland, OR

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:45 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: john  
Email: john.vareldzis@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

john

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:43 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Heidi  
Email: hmfox@q.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Heidi



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:42 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Lee  
Email: leeschmidt1938@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Lee

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:36 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Farrah  
Email: FNChaichi@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Farrah

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:26 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Jane  
Email: jane@janestackhouse.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jane

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:17 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Phillip  
Email: phillipnoe@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Phillip



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:16 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Anandi  
Email: anandi@anandi.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Anandi

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: G  
Email: montevena@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

G

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Rob  
Email: rstone71@icloud.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Rob

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:05 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Nancy L  
Email: dlnlcarl2@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Nancy L

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:58 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Eric  
Email: canonmetals@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Eric



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:58 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Marjorie  
Email: marjorie.nafziger@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Marjorie

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:55 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Laurence  
Email: overmac@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Laurence

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:53 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Matthew  
Email: matt@teskedesign.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Matthew

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:52 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Trudy  
Email: TeyunaSe@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Trudy

## Parsons, Susan

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:52 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Susie  
Email: suzqnorman@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Susie



## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:50 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: john  
Email: jpbi@johnpaisley.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

John Paisley

john

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:44 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Gail  
Email: gsabbadini@mail.sdsu.edu

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Gail

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:43 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Noah  
Email: njohnj@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Noah

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:41 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Larry  
Email: lhonharpster55@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Larry

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:39 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Diana  
Email: diana@gerdinginvestment.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Diana



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:38 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Heather  
Email: heatherannedavis@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Heather

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:37 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Barbara  
Email: bbakeremail@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Barbara

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:37 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Jimmy  
Email: jimmy.whipps@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Jimmy

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:35 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Aaron  
Email: swampminer@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Aaron

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 10:50 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Deva  
Email: drdartist@riseup.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Deva



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 10:35 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Stephen  
Email: eldred\_stephen@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely, Stephen Eldred

Stephen

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 10:06 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Eduardo  
Email: emontejo.pdx@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Eduardo

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 10:18 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Elizabeth  
Email: serfurth@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Elizabeth

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 10:10 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Lee  
Email: leeschmidt1938@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Lee

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 10:09 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Rev. Dave  
Email: revdaveb@hotmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Rev. Dave



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 9:59 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Anna  
Email: snoblind1@earthlink.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Anna

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 9:55 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Pat  
Email: pmc970@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Pat

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 6:54 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Mia  
Email: mia@350pdx.org

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Mia

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 9:15 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Bobby  
Email: bobbyhayden@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Bobby

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 5:14 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Amber  
Email: amber.n.ayers@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Amber Ayers

Amber



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 3:43 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Tori  
Email: tori.gcampbell@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Tori

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 3:04 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Meg  
Email: megruby@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Meg

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 9:02 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: jody  
Email: jodyguth@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

jody

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 7:39 AM  
**To:** Council Clerk – Testimony  
**Subject:** Yes to Fossil Fuel Resolution

From: Juliana  
Email: vossandreae@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I urge you to support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Juliana

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:57 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Beverly  
Email: bawielgo@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Beverly



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:57 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Brian  
Email: [brian@beinlich.org](mailto:brian@beinlich.org)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Brian

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:50 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Margaret  
Email: mlstep@msn.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Margaret

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Friday, November 06, 2015 8:48 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Gregory  
Email: gbell87@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,  
Gregory Bell

Gregory

## Parsons, Susan

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**From:** Tim and Debbie Lang <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 10:16 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Tim and Debbie Lang  
Portland, OR

**Parsons, Susan**

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**From:** Maureen stolle <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 8:51 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Maureen stolle  
Portland, OR



**Parsons, Susan**

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**From:** Nathan Hall <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 8:23 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Nathan Hall  
PORTLAND, OR

**Parsons, Susan**

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**From:** M Rita Olson <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 8:22 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

M Rita Olson  
Portland, OR

## Parsons, Susan

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**From:** Peter Schutte <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 7:53 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Peter Schutte  
Portland, OR

## Parsons, Susan

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**From:** David Jaffe <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 7:35 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

David Jaffe  
Portland, OR

**Parsons, Susan**

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**From:** Drs Marilyn Robert and Shotola <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 5:17 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Drs Marilyn Robert and Shotola  
PORTLAND, OR



## Parsons, Susan

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**From:** Drs Marilyn Robert and Shotola <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 5:17 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Drs Marilyn Robert and Shotola  
PORTLAND, OR

**Parsons, Susan**

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**From:** Carol Dotson <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 5:15 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Carol Dotson  
Cloverdale, OR

## Parsons, Susan

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**From:** Rae G Svendgard <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 5:12 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Rae G Svendgard  
Portland, OR

**Parsons, Susan**

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**From:** Kristinna Young <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 4:19 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Kristinna Young  
Portland, OR

## Parsons, Susan

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**From:** Melanie Templeman <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 3:53 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Melanie Templeman  
Portland, OR



## Parsons, Susan

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**From:** Sheila A Sadowski <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 3:48 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Sheila A Sadowski  
Portland, OR

**Parsons, Susan**

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**From:** Amy Whitworth <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 3:26 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Amy Whitworth  
PORTLAND, OR

## Parsons, Susan

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**From:** Jerome Joseph McGinn <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 11:02 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Jerome Joseph McGinn  
Portland, OR

## Parsons, Susan

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**From:** J E <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 10:23 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

J E  
Portland, OR

**Parsons, Susan**

---

**From:** Kristen hart <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 9:37 AM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Kristen hart  
Portland, OR



**Parsons, Susan**

---

**From:** Mary K Davis <bounce@list.credoaction.com>  
**Sent:** Thursday, November 05, 2015 10:54 PM  
**To:** Council Clerk – Testimony  
**Subject:** Vote to block all new fossil fuel projects in Portland.

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Mary K Davis  
Portland, OR

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 9:36 AM  
**To:** Council Clerk – Testimony  
**Subject:** I Support the Fossil Fuel Policy and Oil Train Resolution

From: Virginia  
Email: vvg@spiritone.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways and the resolution opposing dangerous crude-by-rail shipments through the Columbia River Gorge and the Portland Metro area.

Together, these resolutions provide the City of Portland an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. These resolutions are also consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass both resolutions introduced by Mayor Hales and Commissioner Fritz on November 4th and to codify a legally binding policy that protect our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Virginia

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 9:32 AM  
**To:** Council Clerk – Testimony  
**Subject:** I Support the Fossil Fuel Policy and Oil Train Resolution

From: Jen  
Email: forti.jennifer@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways and the resolution opposing dangerous crude-by-rail shipments through the Columbia River Gorge and the Portland Metro area.

Together, these resolutions provide the City of Portland an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. These resolutions are also consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass both resolutions introduced by Mayor Hales and Commissioner Fritz on November 4th and to codify a legally binding policy that protect our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jen

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Thursday, November 05, 2015 12:33 PM  
**To:** Council Clerk – Testimony  
**Subject:** I Support the Fossil Fuel Policy and Oil Train Resolution

From: shara  
Email: sharaealexander@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

Please represent us and lead the city away from a devastating future!

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways and the resolution opposing dangerous crude-by-rail shipments through the Columbia River Gorge and the Portland Metro area.

Together, these resolutions provide the City of Portland an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. These resolutions are also consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass both resolutions introduced by Mayor Hales and Commissioner Fritz on November 4th and to codify a legally binding policy that protect our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Thank you,

shara

**Parsons, Susan**

---

**From:** Robert Cochran <worldcitizenrob@gmail.com>  
**Sent:** Thursday, November 05, 2015 10:34 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

We MUST DO THIS NOW! This resolution is this resolution is right for Portland, and right for the planet.

Sincerely,

Rob Cochran  
Portland

Robert Cochran  
2019 SE 12th Ave  
SE 12th Ave  
Portland, OR 97214  
5413997284



**Parsons, Susan**

---

**From:** Lori Smith <lorifromoregon@gmail.com>  
**Sent:** Thursday, November 05, 2015 9:22 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Lori Smith  
7101 NE 109th St.  
Vancouver, WA 98686  
971-269-91267

**Parsons, Susan**

---

**From:** Judith Lienhard <lienjud@aol.com>  
**Sent:** Thursday, November 05, 2015 4:48 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Judith Lienhard  
4455 SW 94th Ave  
Portland, OR 97225  
503-384-0249

**Parsons, Susan**

---

**From:** Matthew Kimble <matthewkimble@comcast.net>  
**Sent:** Thursday, November 05, 2015 3:43 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Matthew Kimble  
4128 Kanan Drive  
Portland, OR 97221  
5032246187

**Parsons, Susan**

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**From:** Quyen Le <ql@pnca.edu>  
**Sent:** Thursday, November 05, 2015 3:24 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Quyen Le  
7837 SE Harrison St.  
Portland, OR 97215

**Parsons, Susan**

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**From:** Amber Bennett <ambern28@outlook.com>  
**Sent:** Thursday, November 05, 2015 11:49 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Amber Bennett  
1706 Avalon Way Unit 11  
Hood River, OR 97031

**Parsons, Susan**

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**From:** Dawn Smallman <dawnsmallman@gmail.com>  
**Sent:** Thursday, November 05, 2015 10:05 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Dawn Smallman  
1148 50th Ave.  
Portland, OR 97215



**Parsons, Susan**

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**From:** Mary Steller <marybee@wwest.net>  
**Sent:** Thursday, November 05, 2015 9:35 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Mary Steller  
150 Waranka Road  
Rosburg, WA 98643  
3604652493

**Parsons, Susan**

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**From:** Alison Howard <alihowie9@gmail.com>  
**Sent:** Thursday, November 05, 2015 9:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Alison Howard  
7727 SE Lambert  
Portland, OR 97206  
5038908799

**Parsons, Susan**

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**From:** Mary Thamann <marythamann@gmail.com>  
**Sent:** Friday, November 06, 2015 7:22 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Mary Thamann  
Yamhill St  
Portland, OR 97214

**Parsons, Susan**

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**From:** Ron Hubert <rhubertaz@gmail.com>  
**Sent:** Friday, November 06, 2015 8:31 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ron Hubert  
6800 Virgil Way  
Flagstaff, AZ 86001

**Parsons, Susan**

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**From:** Dee Packard <deepackard66@gmail.com>  
**Sent:** Friday, November 06, 2015 6:51 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Dee Packard  
DNM  
Portland, OR 97215

**Parsons, Susan**

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**From:** Phil Hanson <phanson@spiretech.com>  
**Sent:** Friday, November 06, 2015 6:39 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I unequivocally support the City of Portland's resolution to adopt a landmark, binding policy prohibiting new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region toward a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Phil Hanson  
7941 S.E. Monroe St.  
Milwaukie, OR 97222



**Parsons, Susan**

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**From:** Tom Lichatowich <tjlichat@gmail.com>  
**Sent:** Friday, November 06, 2015 4:28 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Tom Lichatowich  
4625 NE 38th Ave  
Portland, OR 97211

**Parsons, Susan**

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**From:** Penelope Lichatowich <penelopelich@gmail.com>  
**Sent:** Friday, November 06, 2015 12:03 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Penelope Lichatowich  
4625 NE 38th Ave  
Portland, OR 97211  
503-284-2465

**Parsons, Susan**

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**From:** Rachel White <Rachelann2211@yahoo.com>  
**Sent:** Friday, November 06, 2015 9:30 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Rachel White  
1767 12 st  
Hood River, OR 97031

**Parsons, Susan**

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**From:** Guy Newcomer <guy@strategicmfg.com>  
**Sent:** Friday, November 06, 2015 9:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Guy Newcomer  
3345 NE Holladay St  
Portland, OR 97232

**Parsons, Susan**

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**From:** Dorothy Louis <dorothylouis@yahoo.com>  
**Sent:** Friday, November 06, 2015 9:50 PM  
**To:** Council Clerk – Testimony  
**Subject:** I support the fossil fuel policy resolutions!

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Dorothy Louis  
33125 White Oak Rd.  
Corvallis, OR 97333

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 11:19 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Zak  
Email: zakgarriss@icloud.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Zak



## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 11:14 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: john  
Email: john.vareldzis@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

john

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 10:55 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Angela  
Email: [angela.zehava@stanfordalumni.org](mailto:angela.zehava@stanfordalumni.org)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Angela

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 8:37 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Elizabeth  
Email: wlw848891@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Elizabeth

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 8:36 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Kelly  
Email: brignellwilson@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

US OFF FOSSIL FUELS NOW!!!!!! I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Kelly

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 8:34 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Daniel  
Email: martino.dan@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Daniel

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 8:02 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Mark  
Email: mkmpnw@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Mark



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 8:00 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Mark  
Email: mkmpnw@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Mark

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 6:44 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Annette  
Email: annetteon50th@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Annette

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 11:44 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: JANICE  
Email: jmp77.peterson@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

JANICE

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 10:36 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Yoko  
Email: yokita@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Yoko

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 10:33 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Sam  
Email: samuelhayesslater@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Sam

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 9:48 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Duane  
Email: duaneray@frontier.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Duane



**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 9:26 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Timothy  
Email: tim.titus@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Timothy

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 9:24 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Konrad  
Email: konrad.dobbertin@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Konrad

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 9:00 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Linda  
Email: Short@gorge.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Linda

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 8:20 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Carla  
Email: apsara51@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Carla

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 7:22 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Michael  
Email: niner2niner@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Michael

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 6:53 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: G  
Email: montevena@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

G



## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 5:07 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Basey  
Email: bklopp@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

For all of Oregon's sake,

Basey

## Parsons, Susan

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 5:06 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Candace  
Email: cjshadbolt@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Candace Shadbolt

Candace

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:46 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: dick  
Email: dickwisingup@hevanet.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

dick

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:25 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Karl  
Email: kvischer@msn.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Karl

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:22 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Margaret  
Email: margaret.rose.macgregor@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Margaret

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:10 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Gregory  
Email: gbell87@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,  
Gregory Bell

Gregory



**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:04 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Lin  
Email: greengirlpdx@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. Portland City Council should pass the resolution to ban major new fossil fuel storage and transport facilities in Portland.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

The construction of new fossil fuel transport and storage facilities on top of an earthquake liquefaction zone along Portland's rivers would add to an already dangerous and explosive situation presented by the existing fossil fuel tank farms along our rivers. As a matter of health and safety, Portland should say "NO" to new fossil fuel transport and storage infrastructure. From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Lin

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:02 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Sandra  
Email: smeucci@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Sandra

**Parsons, Susan**

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**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:01 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Jan  
Email: whitebirdsdancing@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jan

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 4:01 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Chris  
Email: dennettc@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Chris

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Monday, November 09, 2015 3:40 PM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Christopher  
Email: topher.reisner@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

I'm sure you know the rest by now...

Sincerely,

Christopher

**Parsons, Susan**

---

**From:** 350PDX <webmaster@350pdx.org>  
**Sent:** Tuesday, November 10, 2015 11:34 AM  
**To:** Council Clerk – Testimony  
**Subject:** VOTE YES on the Fossil Fuel Resolution

From: Eve  
Email: eveandden@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

Thank you for your vote on the oil train issue! I was in the room that day but won't be able to be there this Thursday. I will be there in spirit, hoping for another YES vote and historic step forward in the effort to protect our planet.

Please ---- it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) --to ban all new or expanded fossil fuel transport or storage infrastructure in Portland and its surrounding waterways.

I appreciate all the time and thought you are giving this issue.

Sincerely,

Eve



**From:** [Parsons, Susan](#)  
**To:** [Commissioner Fish](#); [Fritz, Amanda](#); [Hales, Charlie](#); [Novick, Steve](#); [Saltzman, Dan](#); [Wadsworth, Jasmine](#); [Wiggins, Rachael](#)  
**Cc:** [Lana Butterfield](#)  
**Subject:** FW: 1179 Testimony Portland Public Schools - Propane Buses  
**Date:** Thursday, November 12, 2015 8:11:00 AM  
**Attachments:** [Portland Public schools.pdf](#)

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Susan Parsons  
Assistant Council Clerk  
City of Portland  
[susan.parsons@portlandoregon.gov](mailto:susan.parsons@portlandoregon.gov)  
503.823.4085

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**From:** Baron Glassgow [mailto:[bglassgow@npga.org](mailto:bglassgow@npga.org)]  
**Sent:** Wednesday, November 11, 2015 1:40 PM  
**To:** Parsons, Susan <[Susan.Parsons@portlandoregon.gov](mailto:Susan.Parsons@portlandoregon.gov)>  
**Cc:** Lana Butterfield <[lanab@teleport.com](mailto:lanab@teleport.com)>  
**Subject:** Portland Public Schools - Propane Buses

Hi Susan,

My testimony at tomorrow's City Council meeting will focus on the attached case study of the Portland Public School's adoption of propane buses. Thanks for including this information.

Baron

Baron Glassgow  
Executive Director, Pacific Propane Gas Association  
PH: 866-881-6309  
FAX: 866-261-4910  
EMAIL: [bglassgow@npga.org](mailto:bglassgow@npga.org)



## BUSES FUELED BY PROPANE AUTOGAS REDUCE EMISSIONS, COSTS FOR PORTLAND PUBLIC SCHOOL DISTRICT

### A PROPANE AUTOGAS CASE STUDY

#### SCHOOL DISTRICT FOCUSED ON REDUCING EMISSIONS REALIZES COST SAVINGS AND HIGH PERFORMANCE

**P**ortland Public Schools (PPS) in Portland, Ore., recognized as one of the most environmentally friendly cities in America, is supporting the city's green initiatives by choosing clean-burning propane autogas for its school bus fleet. The district operates some of its own buses, and contracts with First Student Inc. for additional bus service to transport students.

Eighty percent of all the buses are fueled by propane autogas. Combined, PPS's buses travel more than 3.3 million miles each year and transport more than 8,000 students a day. The school district has been committed to using buses fueled by propane autogas for nearly 30 years, setting an alternative fuel example for other schools nationwide.

#### GOING THE DISTANCE: FROM PAST TO PRESENT

PPS began exploring alternative fuels in the early 1980s because of high gasoline prices and clean air regulations. In 1983, the district converted several buses to run on propane autogas, and the results were impressive. It found that propane autogas was more cost-effective

than conventional fuels and burned cleaner, reducing emissions and vehicle maintenance requirements. Soon after, the school district converted most of its buses to run on propane autogas.

Until recently, new buses purchased by the district were retrofitted by a local vendor to run on propane autogas. Now that major bus manufacturers offer factory-built propane autogas buses, PPS is purchasing new school buses with dedicated liquid propane autogas injection engines directly from manufacturers. The district recently purchased 10 new Type-A school buses manufactured by Collins Bus Corp. through Western Bus Sales Inc., that use CleanFuel USA's liquid propane autogas injection system.

#### COMPANY

Portland Public Schools,  
Portland, Ore.

#### CHALLENGE & SOLUTION

To reduce emissions and fuel costs by remaining on the cutting edge of alternative fuels through the purchase of factory-built school buses fueled by propane autogas.

#### RESULT

- Mile for mile, propane autogas costs less than gasoline and diesel.
- Propane autogas provides a more affordable infrastructure for on-site refueling compared with conventional and alternative fuels.
- Vehicles fueled by propane autogas emit fewer harmful emissions than gasoline- and diesel-fueled vehicles, reducing short- and long-term effects in passengers.

Additionally, PPS is installing upgraded fuel dispensing equipment to support its on-site refueling infrastructure. The district's propane provider is covering the majority of the costs of infrastructure installation. The new refueling station will allow two buses to be fueled at once and will track miles per gallon for each bus. The station also will allow for the systematic monitoring of district fuel cost savings.

### PROPANE AUTOGAS — MAKING SENSE AND SAVING CENTS

PPS uses propane autogas to fuel its school bus fleet for the same reasons it originally converted in the 1980s. Propane autogas typically costs less than gasoline and it burns cleaner, resulting in less engine maintenance and reduced emissions. In fact, propane autogas can reduce greenhouse gas emissions by up to 25 percent in propane-autogas-fueled applications compared with gasoline-fueled vehicles.

The school district has reaped financial benefits of propane autogas through reduced bus maintenance costs and extended engine life. According to PPS' fleet maintenance supervisor, Melvin Philbrook, the propane-autogas-fueled buses run up to 30,000 miles longer than those fueled by gasoline.

The district also is saving through significantly lower fuel costs. "PPS' projections for 2012 show a 50 percent savings for its propane autogas purchases when compared with those for gasoline," Andy Leibenguth, PPS' transportation director, explains.

"With all these advantages, propane autogas is clearly the way to go," Philbrook adds.



### WORKING TOGETHER FOR A SUSTAINABLE FUTURE

Portland Public Schools contracts with bus provider First Student Inc. to transport many of the students in its district. "When we renew our agreements with contracted student transportation companies, like First Student, we expect them to provide 100 percent propane-autogas-fueled buses," Leibenguth says. "Fueling our school buses with propane autogas has been our priority for years, but it is becoming easier for us to maintain that commitment with the refueling infrastructure for propane autogas already in place. Now advances in technology and manufacturer support have allowed us to purchase liquid-injection, factory-built, dedicated propane-autogas-fueled buses directly from manufacturers."

Within the next several years, the school district expects its contract bus provider to buy a considerable number of new buses, all factory-built to run on propane autogas. Leibenguth says First Student Inc. is expecting the delivery of 90 propane-autogas-fueled NexBuses from Collins Bus Corp. "The buses fueled by propane autogas are clean-burning and are fiscally great," Leibenguth says. "We receive positive perceptions and feedback from the public and employees. Overall, propane autogas has been working well for us, so we plan to continue down this path."

#### FOR MORE INFORMATION

To learn more about propane-fueled lawn care equipment and the Propane Education & Research Council, visit [autogasusa.org](http://autogasusa.org).

Propane Education & Research Council / 1140 Connecticut Ave. NW, Suite 1075 / Washington, DC 20036  
P 202-452-8975 / F 202-452-9054 / [propanecouncil.org](http://propanecouncil.org)

**From:** [Parsons, Susan](#)  
**To:** [Commissioner Fish](#); [Fritz, Amanda](#); [Hales, Charlie](#); [Novick, Steve](#); [Saltzman, Dan](#); [Wadsworth, Jasmine](#); [Wiggins, Rachael](#)  
**Cc:** [Lana Butterfield](#)  
**Subject:** FW: 1179 - Testimony from Kiva Energy  
**Date:** Thursday, November 12, 2015 8:09:00 AM  
**Attachments:** [Kiva Energy - Portland City Resolution.pdf](#)

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Susan Parsons  
Assistant Council Clerk  
City of Portland  
[susan.parsons@portlandoregon.gov](mailto:susan.parsons@portlandoregon.gov)  
503.823.4085

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**From:** Lana Butterfield [mailto:[lanab@teleport.com](mailto:lanab@teleport.com)]  
**Sent:** Wednesday, November 11, 2015 1:14 PM  
**To:** Parsons, Susan <[Susan.Parsons@portlandoregon.gov](mailto:Susan.Parsons@portlandoregon.gov)>  
**Cc:** BMorse@kivaenergy.com  
**Subject:** Testimony from Kiva Energy

Hi, Susan!

Here is some testimony on the City of Portland Anti-Fossil Fuel resolution.

Thanks, Lana

Lana Butterfield  
Butterfield Enterprises, LLC  
P.O. Box 1517, Wilsonville, OR 97070  
[lanab@teleport.com](mailto:lanab@teleport.com)  
office: 503/682-3839  
cell: 503/819-5800



November 11, 2015

City of Portland  
1900 S.W. Fourth Ave.  
Portland, OR 97201

Reference: **Anti-Fossil Fuel Resolution**

Dear Council Members,

My name is Brannon Morse, and I am wholesale propane marketer for Kiva Energy based in Salt Lake City, UT. I have been involved, and committed to, the Northwest propane market place, and in the propane industry as a whole for seven years. There are co-workers currently on my team that have worked this area for 30+ years. We take great pride in the propane industry, and the eco-friendly environment that it sustains and promotes.

There have been early letters and documents to you regarding the intricacies of how propane is a green and evolving source of energy related to the fossil fuel family. The motor fuel, construction and industrial markets have really started to take off the last few years, and it is a great opportunity for the commercial sector of the propane industry. We have talked with local companies that have already, or have plans to, move their source of fuel and energy to propane, not only for its current economic advantages, but also for the cleaner burning fuel that it is. Propane energy offers a softer carbon footprint, all the time being an efficient fuel to burn. There is an ever growing domestic supply of LPG, which should continue to offer the consumer a green and competitive priced fuel for years to come.

The above dialogue brings me to my point: It would be a mistake on the City of Portland's part to thwart the economic development to the propane industry in or around the city of Portland, so I am submitting my testimony today in opposition to the Anti-Fossil Fuels Resolution.

The propane industry has many good, hard working, people that go above and beyond to comply with the local city and state regulations related to the industry itself. This is a highly regulated business that is very committed to protecting the public and their best interests.

We ask you to consider our plea to allow the industry to move forward in its growth in the City of Portland, and its surrounding areas. The industry, and its people, can, and will, be a contributing part of the city's economic development, all the while adding to your eco-friendly initiatives and aspirations.

Best regards,

A handwritten signature in black ink, appearing to read "Brannon Morse", is written over a horizontal line.

Brannon Morse  
Kiva Energy Inc.  
10281 S. State Street  
Salt Lake City, UT 84070  
(801)520-5246



**From:** [Nora Stern](#)  
**To:** [Commissioner Fish](#); [Saltzman, Dan](#); [Novick, Steve](#); [Council Clerk – Testimony](#)  
**Subject:** No to oil trains through our community  
**Date:** Thursday, November 12, 2015 7:13:13 AM

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Dear City Council Member,

I am in full support of opposition to the oil-by-rail terminal in Vancouver. I support adoption of a binding policy to prohibit fossil fuel transport through Portland and support Portland taking a stand against greenhouse gas emissions. We need a policy that will stand in the future against oil trains, coal trains that could pollute our valuable Columbia gorge, and other future fossil fuel transport proposals.

Portland should stand for clean energy!!

Thank you for your attention and your commitment to a cleaner planet.

Nora Stern  
4763 NE Going St  
Portland, OR 97212  
503 913 4828



**From:** [Joseph Miller](#)  
**To:** [Hales, Mayor](#); [Commissioner Fish](#); [Commissioner Fritz](#); [Commissioner Novick](#); [Commissioner Saltzman](#)  
**Cc:** [Council Clerk – Testimony](#)  
**Subject:** Prohibit new large-scale infrastructure in Portland to export fossil fuels  
**Date:** Wednesday, November 11, 2015 9:02:48 PM

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Dear Mayor Hales and Commissioners Fish, Fritz, Novick and Saltzman,

For all the compelling reasons outlined in the proposed Resolution, I strongly encourage you to add your votes to those of Mayor Hales and Commissioner Fritz to adopt a binding resolution to direct City bureaus and the BPS to develop recommendations and code prohibiting the construction of new large-scale transportation and storage infrastructure in Portland for the purpose of export ingfossil fuels.

Widespread support and justification for the Resolution has already been demonstrated by the City's adoption of the 2015 Climate Action Plan, and specifically Action 3G on page 69.

Sincerely,

Joe Miller  
1030 SW Jefferson St., Apt. 534  
Portland, Oregon 97201

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Heck yes! on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:33:13 PM

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From: Noelle  
Email: [noellest@gmail.com](mailto:noellest@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to demonstrate Portland's stake in the ground at a leader in progressive climate policy in America. This policy will also protect the health, safety and well-being of Portland's residents, neighborhoods and surrounding waterways.

The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more I strongly advise the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Noelle

**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** FW: Please Pass Resolution #1157 on Nov. 17 - with no further delays!  
**Date:** Wednesday, November 11, 2015 6:03:58 PM

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[For your copy.](#)

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**From:** Sarah Prowell [mailto:sprowell@ix.netcom.com]  
**Sent:** Wednesday, November 11, 2015 4:26 PM  
**To:** 'dan@portlandoregon.gov' <dan@portlandoregon.gov>  
**Subject:** Please Pass Resolution #1157 on Nov. 17 - with no further delays!

Dear Commissioner Saltzman,

I write to strongly urge you to please support Resolution #1157 this Thursday, Nov. 12, 2015, with no further delays!!

I was present on Nov. 4. And noticed you were not present to vote for Resolution # 1156, or to hear public testimony on Resolution #1157. But I understand through your office that will attend on Nov. 12 to vote on #1157. And so I write to you today to relay this citizen's urging for your yes vote.

By passing the resolution to prevent new and/or expanded fossil fuel infrastructure in Portland, the Council will be protecting the best well-being of:

- our climate (a time-critical, urgent local and global need),
- the health and safety of our citizens and our workers,
- the health and vitality of our waterways, and of our environment.

As evidenced by the outpouring of public support for Resolution #1157, these protections and Resolution #1157 are deeply valued by Portlanders. And this local step forward could positively influence additional climate action policy elsewhere. **I urge you to start NOW, locally – with YES Votes on Resolution #1157 Nov. 12!**

Anticipating amendment proposals in the Nov. 12 hearing, I urge you to reject any diluting language changes and, instead, stand strong to protect the strength of Resolution #1157 's language.

While some may argue that we need these projects for the benefit of jobs and our economy, --in fact, expanded fossil fuel transport and storage is a dangerous step backward and would not substantially help local employment or economy.

- These projects are primarily raw product exports that create few, if any, good jobs, and put local residents and their waterways and environment at significant risk of spills, air and water contamination, explosions and fire (for which Portland is not prepared), and infeasible emergency evacuations in highly populated areas (for which Portland is also not prepared).
- And while these fossil fuel projects pose great risks to the Portland area, they would NOT provide substantive, stable, long-term, high wage, safe employment for our region. We need to preserve our local resources and health and safety while exploring other better

options for long term, healthy, robust local employment.

- Additionally, these projects pose great financial risk to the taxpayer and The City, as safety and cleanup costs would largely be paid by taxpayers and the City.

**We in Portland do not want these dangerous, expensive “pass-through” fossil fuel abuses of our local infrastructure and resources and want the strong language in Resolution #1157 to be retained.**

**\*Please, vote to pass Resolution #1157 on Nov. 12, ---with current resolution language and no further delays!!!**

Sincerely,

Sarah Prowell, R.G.  
2216 SW Sunset Blvd  
Portland, Oregon 97239  
503-452-0972

**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** FW: Please Pass Resolution # 1157 on Nov. 12 - With no further delays!  
**Date:** Wednesday, November 11, 2015 6:03:29 PM

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[For your copy.](#)

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**From:** Sarah Prowell [mailto:sprowell@ix.netcom.com]  
**Sent:** Wednesday, November 11, 2015 4:18 PM  
**To:** 'nick@portlandoregon.gov' <nick@portlandoregon.gov>  
**Subject:** Please Pass Resolution # 1157 on Nov. 12 - With no further delays!

First, thank you for voting for the ground-breaking policy resolution on Nov. 4, 2015. It's passage was a proud moment.

And Second, I write to strongly urge you to please support Resolution #1157 this Thursday, Nov. 12, 2015, with no further changes or delays!! By passing the resolution to prevent new and/or expanded fossil fuel infrastructure in Portland, the Council will be protecting the best well-being of:

- our climate (a time-critical, urgent local and global need),
- the health and safety of our citizens and our workers,
- the health and vitality of our waterways, and of our environment.

As evidenced by the outpouring of public support for Resolution #1157, these protections and the Resolution are deeply valued by Portlanders. And this local step forward could positively influence additional climate action policy elsewhere. **I urge you to start NOW, locally – with YES Votes on Resolution #1157 Nov. 12!**

Anticipating amendment proposals in the Nov. 12 hearing, I urge you to reject any diluting language changes and, instead, stand strong to protect the strength of Resolution #1157 's language.

While some may argue that we need these projects for the benefit of jobs and our economy, --in fact, expanded fossil fuel transport and storage is a dangerous step backward and would not substantially help local employment or economy.

- These projects are primarily raw product exports that create few, if any, good jobs, and put local residents and their waterways and environment at significant risk of spills, air and water contamination, explosions and fire (for which Portland is not prepared), and infeasible emergency evacuations in highly populated areas (for which Portland is also not prepared).
- And while these fossil fuel projects pose great risks to the Portland area, they would NOT provide substantive, stable, long-term, high wage, safe employment for our region. We need to preserve our local resources and health and safety while exploring other better options for long term, healthy, robust local employment.
- Additionally, these projects pose great financial risk to the taxpayer and The City, as safety and cleanup costs would largely be paid by taxpayers and the City.

**We in Portland do not want these dangerous, expensive “pass-through” fossil fuel abuses of our**

local infrastructure and resources and want the strong language in Resolution #1157 to be retained.

\*Please, vote to pass Resolution #1157 on Nov. 12, ---with current resolution language and no further delays!!!

Sincerely,

Sarah Prowell, R.G.  
2216 SW Sunset Blvd  
Portland, Oregon 97239  
503-452-0972



**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** FW: Please Pass Resolution #1157 on Nov. 12 --No further delays!  
**Date:** Wednesday, November 11, 2015 6:03:03 PM

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[For your copy.](#)

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**From:** Sarah Prowell [mailto:sprowell@ix.netcom.com]  
**Sent:** Wednesday, November 11, 2015 4:16 PM  
**To:** 'novick@portlandoregon.gov' <novick@portlandoregon.gov>  
**Subject:** Please Pass Resolution #1157 on Nov. 12 --No further delays!

Dear Commissioner Novick,

First, thank you for voting for the ground-breaking policy resolution on Nov. 4, 2015. It's passage was a proud moment.

And Second, I write to strongly urge you to please support Resolution #1157 this Thursday, Nov. 12, 2015, with no further changes or delays!! By passing the resolution to prevent new and/or expanded fossil fuel infrastructure in Portland, the Council will be protecting the best well-being of:

- our climate (a time-critical, urgent local and global need),
- the health and safety of our citizens and our workers,
- the health and vitality of our waterways, and of our environment.

As evidenced by the outpouring of public support for Resolution #1157, these protections and the Resolution are deeply valued by Portlanders. And this local step forward could positively influence additional climate action policy elsewhere. **I urge you to start NOW, locally – with YES Votes on Resolution #1157 Nov. 12!**

Anticipating amendment proposals in the Nov. 12 hearing, I urge you to reject any diluting language changes and, instead, stand strong to protect the strength of Resolution #1157 's language.

While some may argue that we need these projects for the benefit of jobs and our economy, --in fact, expanded fossil fuel transport and storage is a dangerous step backward and would not substantially help local employment or economy.

- These projects are primarily raw product exports that create few, if any, good jobs, and put local residents and their waterways and environment at significant risk of spills, air and water contamination, explosions and fire (for which Portland is not prepared), and infeasible emergency evacuations in highly populated areas (for which Portland is also not prepared).
- And while these fossil fuel projects pose great risks to the Portland area, they would NOT provide substantive, stable, long-term, high wage, safe employment for our region. We need to preserve our local resources and health and safety while exploring other better options for long term, healthy, robust local employment.
- Additionally, these projects pose great financial risk to the taxpayer and The City, as safety and cleanup costs would largely be paid by taxpayers and the City.

**We in Portland do not want these dangerous, expensive “pass-through” fossil fuel abuses of our local infrastructure and resources and want the strong language in Resolution #1157 to be retained.**

**\*Please, vote to pass Resolution #1157 on Nov. 12, ---with current resolution language and no further delays!!!**

Sincerely,

Sarah Prowell, R.G.  
2216 SW Sunset Blvd  
Portland, Oregon 97239  
503-452-0972

**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** FW: Strong Support for Resolution #1157! Now!  
**Date:** Wednesday, November 11, 2015 6:02:44 PM

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[For your copy.](#)

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**From:** Sarah Prowell [mailto:sprowell@ix.netcom.com]  
**Sent:** Wednesday, November 11, 2015 2:48 PM  
**To:** 'Amanda@portlandoregon.gov' <Amanda@portlandoregon.gov>  
**Subject:** Strong Support for Resolution #1157! Now!

Dear Commissioner Fritz,

Thank you so very much for the leadership you and Mayor Hales have shown in seeking to restrict new or expanded fossil fuel infrastructure in Portland. It renews one's hope! A pivotal policy for the best well-being of our climate, health and safety, waterways, and environment!

In anticipation of this Thursday's Nov. 12 City Council meeting, I urge you to reject any diluting amendments that may be proposed and instead, to stand strong to protect the strength of Resolution #1157 's language and (as I understand) its legally binding policy effect.

Though our economy is important too, I thank you for seeking to restrict the expansion of dangerous and contaminating fossil fuel transport and storage, which offers us *de minimus* local economic value, as it would result in the export of these "old economy" greenhouse fuels as raw product. By rejecting fossil fuel expansion in Portland, we are freed to pursue other, more forward-looking, stable, safe, high paying jobs for our city and its citizens.

I look forward to attending the groundbreaking Nov. 12 council meeting!

Stand Strong. Sincerely,

Sarah Prowell, R.G.  
2216 SW Sunset Blvd  
Portland, Oregon 97239  
503-452-0972

**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** FW: Support for Resolution 1157 Fossil Fuel Policy!  
**Date:** Wednesday, November 11, 2015 5:59:22 PM

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[For your copy.](#)

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**From:** Sarah Prowell [mailto:sprowell@ix.netcom.com]  
**Sent:** Wednesday, November 11, 2015 2:34 PM  
**To:** 'mayorcharliehales@portlandoregon.gov' <mayorcharliehales@portlandoregon.gov>  
**Subject:** Support for Resolution 1157 Fossil Fuel Policy!

Dear Mayor Hales,

Thank you so very much for the leadership you and Commissioner Fritz have shown to restrict fossil fuel infrastructure in Portland. It renews one's hope! A pivotal policy for the best well-being of our climate, health and safety, waterways, and environment!

Though our economy is vitally important too, I thank you for restricting the expansion of dangerous and contaminating fossil fuel transport and storage, which offers us *de minimus* local economic value, as it would result in the export of these "old economy" greenhouse fuels as raw product. By rejecting fossil fuel expansion in Portland, we are freed to pursue other, more forward-looking, stable, high paying jobs for our city and its citizens.

I urge you to reject any diluting amendments that may be proposed this Thursday, Nov. 12 and instead, stand strong to protect the strength of Resolution #1157 's language and (as I understand it) its legally binding policy effect.

I look forward to attending the groundbreaking Nov. 12 council meeting!

Stand Strong. Sincerely,

Sarah Prowell, R.G.  
2216 SW Sunset Blvd  
Portland, Oregon 97239  
503-452-0972

**From:** [Wes Kempfer](#)  
**To:** [Hales, Mayor](#); [Commissioner Fritz](#)  
**Cc:** [Council Clerk – Testimony](#)  
**Subject:** Thank you! (Re: fossil fuel export resolutions)  
**Date:** Wednesday, November 11, 2015 2:11:28 PM

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Dear Mayor Hales, Commissioner Fritz,

This message is to thank you both for initiating and cosponsoring the two City Council resolutions regarding fossil fuel exports through our region. I have been active on this issue for quite some time. Like so many of my cohorts, I've spent considerable amounts of my own time and money, and have even risked arrest, trying to raise awareness about it in our community. As a struggling small business person, these are things that I can scarcely afford. But, it is absolutely insane to allow fossil fuel exports through Portland at a time when the latest science indicates that we should stop burning all fossil fuels as quickly as we possibly can. It seems crazier still considering that there are technologies and policy mechanisms that are already being successfully implemented in other parts of the world that could help us to rapidly transition. I am so grateful that as city leaders you have come to see it that way too.

Sincerely,

Wes Kempfer

## **This Neck of the Woods Consulting**

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**From:** [Solveig Nilsen-Goodin](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** For the record RE: Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:34:37 PM

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Dear Mayor Hales and Commissioners,

I am a pastor, a mother, and a 21-year Portland resident. **A few weeks ago my 10-year-old son said the three worst things in his life were (in order): GLOBAL WARMING, war, and practicing his clarinet.** You can understand why practicing might be in the top three for a 10-year-old boy. :)

But please understand this: GLOBAL WARMING IS the WORST thing in his life. My son is right.

By supporting the current Fossil Fuel resolution YOU will be able to look my son and all children in the eye and say that you did something historic to stop global warming.

**Please vote YES on resolution #1157 and let's make history together...for our children.**

Thank you.

Rev. Solveig Nilsen-Goodin  
Portland, OR 97213



**From:** [Doctor Munira Doctor](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Wednesday, November 11, 2015 12:09:51 PM

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In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Doctor Munira Doctor  
Portland, OR

**From:** [Christine Glenn](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Wednesday, November 11, 2015 11:35:39 AM

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In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Christine Glenn  
Portland, OR

**From:** [Bill Michtom](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** All Fossil Fuels Must Be Stopped  
**Date:** Tuesday, November 10, 2015 11:56:44 PM

---

Dear Mayor Hales and Portland City Commissioners:

I strongly urge you to pass the resolution to prohibit new fossil fuel transport infrastructure in Portland. Ending fossil fuel use is absolutely necessary for the survival of a livable earth and passing the resolution shows that the City is serious about curbing dangerous greenhouse gas emissions.

The resolution will help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, and put more pressure on the fossil fuel industry to close down their business.

Thank you.

Bill Michtom  
731 SW Salmon St, Apt 505  
505  
Portland, OR 97205  
5039751529

**From:** [Stephanie Christensen](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Tuesday, November 10, 2015 8:48:40 PM

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In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Stephanie Christensen  
Portland, OR

**From:** [Craig Heverly](#)  
**To:** [Commissioner Novick](#); [Saltzman, Dan](#); [Council Clerk – Testimony](#); [Commissioner Fish](#)  
**Subject:** Fossil fuel infrastructure  
**Date:** Tuesday, November 10, 2015 7:05:53 PM

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Please be brave, bold, and visionary and vote "yes" on the measure to ban new fossil fuel infrastructure. My family is counting on you. Thanks.

Craig Heverly  
9702

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 7:33:48 AM

---

From: Sarah  
Email: [sdeumling@gmail.com](mailto:sdeumling@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

This is a fantastic idea and future generations will thank you and be better off for it. Thank you for LEADING!

Sincerely,

Sarah



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 7:28:40 AM

---

From: Nathan  
Email: [designlovegiveadamn@gmail.com](mailto:designlovegiveadamn@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Nathan

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 6:16:46 AM

---

From: Diana  
Email: [dianarempe@gmail.com](mailto:dianarempe@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Diana

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 2:57:29 AM

---

From: Anthony  
Email: [bencivea@reed.edu](mailto:bencivea@reed.edu)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Anthony

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 10:36:08 PM

---

From: John  
Email: [jonniki@gmail.com](mailto:jonniki@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

John

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 10:19:43 PM

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From: katy  
Email: [katytmcfadden@gmail.com](mailto:katytmcfadden@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

katy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 9:32:00 PM

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From: Carol  
Email: [carolgonzalez@fronier.com](mailto:carolgonzalez@fronier.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Carol



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:58:16 PM

---

From: Sheila  
Email: [goldensheila6@gmail.com](mailto:goldensheila6@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Sheila

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:30:53 PM

---

From: Erika  
Email: rikalittle@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Erika

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:18:18 PM

---

From: Jane  
Email: [jane@janestackhouse.com](mailto:jane@janestackhouse.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Jane

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:10:01 PM

---

From: Patsy  
Email: [pharrisnamu@yahoo.com](mailto:pharrisnamu@yahoo.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Patsy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 8:05:34 PM

---

From: Tori  
Email: [tmmmyoder@gmail.com](mailto:tmmmyoder@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Tori

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 7:43:09 PM

---

From: Melinda  
Email: [melindamccoy1@aol.com](mailto:melindamccoy1@aol.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,  
Melinda McCoy  
PS: I have five grandchildren and I vote.

Melinda



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 7:39:02 PM

---

From: jake  
Email: rianal@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

it's about time ...

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

jake

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 6:56:00 PM

---

From: Michael  
Email: [mcath87@gmail.com](mailto:mcath87@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Michael

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 6:45:26 PM

---

From: John  
Email: [jrau2@comcast.net](mailto:jrau2@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

John

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 5:38:16 PM

---

From: Thea  
Email: [theaweiss@gmail.com](mailto:theaweiss@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

While I would like to be at the Council meeting tomorrow but am ill and don't want to give this virus to any of you, I'd like to weigh in and strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more, I believe wholeheartedly it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Thea

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 4:59:27 PM

---

From: Lucy  
Email: lbwhipps@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Lucy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 4:58:57 PM

---

From: marilee  
Email: [marileedea@comcast.net](mailto:marileedea@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

marilee



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 4:32:35 PM

---

From: Susan Bennett  
Email: [sbparks7@gmail.com](mailto:sbparks7@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Susan Bennett

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 4:24:30 PM

---

From: Robert  
Email: [rbgrossman@gmail.com](mailto:rbgrossman@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely, Robert Grossman

Robert

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 3:50:21 PM

---

From: Daniel  
Email: [dsjaffee@gmail.com](mailto:dsjaffee@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Daniel

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 3:48:05 PM

---

From: Janice  
Email: [javranka@gmail.com](mailto:javranka@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Janice

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 3:09:38 PM

---

From: Edward  
Email: [edepley@hotmail.com](mailto:edepley@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Edward

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 3:07:54 PM

---

From: Anna  
Email: [wellscottage@gmail.com](mailto:wellscottage@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Anna

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:58:12 PM

---

From: Carolyn  
Email: [sackettandjetta@hotmail.com](mailto:sackettandjetta@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

I would be there if I could at the hearing on November 12th but I am teaching high school to our kids. Let's show our youth that we care about the future of their planet!!!!!!!!!!

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Carolyn



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:27:55 PM

---

From: Daniel  
Email: [danielmattson@hotmail.com](mailto:danielmattson@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Daniel

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:20:22 PM

---

From: Jennifer  
Email: [jenniferroseschwartz@gmail.com](mailto:jenniferroseschwartz@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jennifer

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:16:47 PM

---

From: Judy Arielle  
Email: [judyarielle@gmail.com](mailto:judyarielle@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Judy Arielle

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:09:36 PM

---

From: Harry  
Email: [harrykershner@msn.com](mailto:harrykershner@msn.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Harry

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:09:23 PM

---

From: James  
Email: jamesltyreeii@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

James

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:08:00 PM

---

From: Cathy  
Email: [cathyj.hume@gmail.com](mailto:cathyj.hume@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Cathy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 2:03:39 PM

---

From: Michael  
Email: [littm10@comcast.net](mailto:littm10@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. I attended last week's hearing at which this resolution was discussed and heard several proposed amendments from Steve Novick and Nick Fish. My impression was that these amendments would clarify the intent of the resolution and would not oppose it's basic purpose, so I hope that you will pass an amended resolution tomorrow.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. And neighborhoods with low income and minority residents would experience the worst impacts. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Michael



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:57:05 PM

---

From: Bill  
Email: [bbharris1936@gmail.com](mailto:bbharris1936@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Bill

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:55:42 PM

---

From: Sybil  
Email: [sybkohl@msn.com](mailto:sybkohl@msn.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Sybil

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:53:48 PM

---

From: Sarah  
Email: [sprowell@ix.netcom.com](mailto:sprowell@ix.netcom.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Sarah

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:48:26 PM

---

From: Sarah  
Email: [sprowell@ix.netcom.com](mailto:sprowell@ix.netcom.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Sarah

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:38:30 PM

---

From: Brian  
Email: [brian@brianksmith.net](mailto:brian@brianksmith.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Brian

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:38:13 PM

---

From: kim  
Email: [k.mdavis@yahoo.com](mailto:k.mdavis@yahoo.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

kim

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:34:08 PM

---

From: Mary & John  
Email: [marysievertsen@comcast.net](mailto:marysievertsen@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Mary & John



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:23:09 PM

---

From: Michael  
Email: [mjgpdx36@gmail.com](mailto:mjgpdx36@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety, and wellbeing of Portland's residents, neighborhoods, and surrounding waterways.

The Fossil Fuel resolution is consistent with our City's goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient, and prosperous communities.

On behalf of my grandchildren who will inherit tomorrow the results of your vote today, I urge you to pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th.

Let your wise and forward-looking action be a positive message from the people of Portland to the world leaders meeting next month in Paris. The time is now.

Sincerely,

Michael

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:15:52 PM

---

From: Curt  
Email: [curt.j.schneider@gmail.com](mailto:curt.j.schneider@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Other jurisdictions and countries (Germany, Denmark, The Netherlands, China and many more) are moving to renewable energy development and use. Let's continue to show the way on how we can save the planet from human induced global warming.

Thank you for your consideration.

Sincerely,

Curt

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:02:38 PM

---

From: Judy  
Email: [sib@hevanet.com](mailto:sib@hevanet.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. We need to support keeping fossil fuels in the ground by limiting their routes of transport to where they are burned.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and well-being of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and its surrounding waterways.

Sincerely,

Judy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 1:00:38 PM

---

From: Lee  
Email: leeschmidt1938@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Lee

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:55:44 PM

---

From: Joanne  
Email: [joannedelmonico@gmail.com](mailto:joannedelmonico@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Joanne

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:53:24 PM

---

From: Steve  
Email: [stevegoldstein@hotmail.com](mailto:stevegoldstein@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

Recent events have demonstrated first, that the methods proposed for oil, coal and gas transportation and processing facilities in our region are not designed as state of the art, safety as a first priority, facilities. Second, they are designed to meet industry safety minimums to generate maximum profitability. Third, they fail to take into account the devastating contributions they will make to global warming and fourth, our location with highly unstable soils and land forms in the path of the next Pacific Subduction Zone major earthquake.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Steve

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:51:06 PM

---

From: Gregory  
Email: [gregorymonahan29@gmail.com](mailto:gregorymonahan29@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Gregory



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:20:16 PM

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From: Emilie  
Email: [emagen@bendbroadband.com](mailto:emagen@bendbroadband.com)

Dear Mayor Hales and Members of the Portland City Council --

Although I am not a resident of your fair city, I do reside in another of Oregon's fair cities, Bend, and want to let you all know that people from across the state and region are very interested in this legislation. I am personally in strong support of the City of Portland's resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. The passage of this Resolution will strike a bold leadership stance on this critically important issue for all Oregonians, and will set a standard for communities across the region to embrace as we all strive to find ways to combat the climate change crisis that we can no longer ignore.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more, I'm hoping that the City of Portland will pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and its surrounding waterways.

Your attention to these comments is much appreciated.

Sincerely,

Emilie

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:18:32 PM

---

From: Mark  
Email: [frogger104@gmail.com](mailto:frogger104@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Mark

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:14:13 PM

---

From: Peter  
Email: [peterjng1@gmail.com](mailto:peterjng1@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Peter

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:10:56 PM

---

From: William  
Email: wobobr123@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

William

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 12:10:50 PM

---

From: Mark  
Email: [markdari@pacifier.com](mailto:markdari@pacifier.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Mark

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:59:55 AM

---

From: Ginny  
Email: [vwc1010@gmail.com](mailto:vwc1010@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Ginny

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:37:33 AM

---

From: Sherrie  
Email: [heckendorn8366@comcast.net](mailto:heckendorn8366@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Please help stop this insanity and save not only our states environment but the world's environment

Sincerely,

Sherrie



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:32:30 AM

---

From: Tasha  
Email: [tashamail@comcast.net](mailto:tashamail@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Tasha

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:28:20 AM

---

From: Tracy  
Email: farwellt@msn.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

THE FOSSIL FUEL INDUSTRY NEVER REPORTED ON THEIR MASSIVE LEAK RATES FOR CLIMATE DESTROYING METHANE, AND RELY ON INDEPENDENT RESEARCHERS TO REPORT THE FACTS. THEY HAVE NO PLAN IN PLACE FOR RECLAIMING CLIMATE, DESPITE EARLIER REMEDIES FOR SULFUR EMISSIONS AND UNDERGROUND FUEL TANK LEAKAGE. PORTLAND NEEDS TO LEVY A FULL STOP, NOW.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Tracy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:28:15 AM

---

From: Patricia  
Email: [ashlandmagic@gmail.com](mailto:ashlandmagic@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Patricia

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:27:33 AM

---

From: Daniel  
Email: [daniel.yuhas@gmail.com](mailto:daniel.yuhas@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Daniel

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:27:25 AM

---

From: Colin  
Email: [colonelforbes@hotmail.com](mailto:colonelforbes@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Colin

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:23:08 AM

---

From: Walt  
Email: [mintkeski@juno.com](mailto:mintkeski@juno.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Walt

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:20:08 AM

---

From: Martin  
Email: martinlherrera@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Martin



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:18:55 AM

---

From: Donna  
Email: [murph1949@aol.com](mailto:murph1949@aol.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Donna

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:17:47 AM

---

From: Jennifer  
Email: [jenbaye@gmail.com](mailto:jenbaye@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jennifer

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:15:11 AM

---

From: barbara  
Email: [browerb@pdx.edu](mailto:browerb@pdx.edu)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

barbara

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 11:14:03 AM

---

From: Dante  
Email: dcdante15@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Dante Carnevale

Dante

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Wednesday, November 11, 2015 3:46:54 AM

---

From: Jane  
Email: [jane@janestackhouse.com](mailto:jane@janestackhouse.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jane

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 9:41:57 PM

---

From: Joe  
Email: joetruck@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways, as well as helping protect the rest of Oregon and large parts of Washington, the Gorge and Vancouver.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Joe

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 9:38:32 PM

---

From: JAN  
Email: [janowa85@gmail.com](mailto:janowa85@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

JAN



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 9:03:19 PM

---

From: Christina  
Email: [snowmoondogs@gmail.com](mailto:snowmoondogs@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Christina

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 5:59:45 PM

---

From: Jeanne  
Email: [jeanne.alberts@gmail.com](mailto:jeanne.alberts@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Jeanne

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 4:25:56 PM

---

From: Sandra  
Email: joosgalefamily@comcast.net

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Sandra

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 3:50:39 PM

---

From: Gary  
Email: [mccuen7691@comcast.net](mailto:mccuen7691@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Gary

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 3:46:24 PM

---

From: Rebecca  
Email: [rebeccatrek@yahoo.com](mailto:rebeccatrek@yahoo.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Rebecca

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 3:09:24 PM

---

From: Natalie  
Email: [hoepagirl@gmail.com](mailto:hoepagirl@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Natalie

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 2:46:26 PM

---

From: Don  
Email: [ddumond@uoregon.edu](mailto:ddumond@uoregon.edu)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Don



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 12:45:30 PM

---

From: Abbey  
Email: [aby@sirensongfarm.com](mailto:aby@sirensongfarm.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Abbey

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Tuesday, November 10, 2015 12:34:43 PM

---

From: Sean  
Email: [sean@oregonpsr.org](mailto:sean@oregonpsr.org)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Sean

**From:** [Jenna Garmon](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 7:35:09 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jenna Garmon  
7520 SE Milwaukie Ave. #206  
Portland, OR 97202

**From:** [L Ted Nelson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 9:18:35 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

L Ted Nelson  
5650 N Hudson St  
Portland, OR 97203

**From:** [T L](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 9:00:38 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

T L  
123 no thanks  
La Center, WA 98629  
913-961-1481

**From:** [Aaron Newman](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:57:03 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Aaron Newman  
5124 SW 45th ave  
Unit B  
Portland, OR 97221  
503-547-7308

**From:** [Lynn Hager](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:54:45 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Lynn Hager  
5124 SW 45th ave  
Unit B  
Portland, OR 97221  
503-547-7308



**From:** [John Nettleton](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:51:33 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

John Nettleton  
4311 SE 37th Ave. #21  
Portland, OR 97202  
9712071142

**From:** [James Heffernan](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:48:40 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

James Heffernan  
1908 NE Multnomah Street, Apt 7  
Portland, OR 97232  
5033816408

**From:** [joana kirchhoff](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:42:22 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

joana kirchhoff  
3414 NE 73rd  
Portland, OR 97213  
5032809880

**From:** [Carol Rogers](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:40:15 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Carol Rogers  
14928 NW Mill Rd  
Portland, OR 97231  
503 984-4722

**From:** [Nancy Anderson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:35:04 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Nancy Anderson  
330 S. E. 75th Ave.  
Portland, OR 97215  
503-284-6193

**From:** [Eldon Haines](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:23:48 AM

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Dear Mayor Hales and Members of the Portland City Council:

We know that the only safe path for our world is to stop burning fossil fuels. We have to keep fossil fuels in the ground.

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

Portland can walk the talk.

Sincerely,

Eldon Haines  
4343B NE Ainsworth St  
Portland, OR 97218  
971-406-2474

**From:** [jan and larry Slobin](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** We support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 7:52:22 AM

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Dear Mayor Hales and Members of the Portland City Council:

We strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

We urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jan and Larry Slobin

jan and larry Slobin  
2340 NW Brewer Kabe  
Portland, OR 97229  
503-200-2202



**From:** [Marianne Eddington](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 7:49:37 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

Though I am a resident across the river, Portland's decision will improve the lives of Clark County for years to come, and be a role model for Vancouver to follow your example.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Marianne Eddington  
20520 N.E. 221st Circle  
Battle Ground, WA 98604  
360-666-6204

**From:** [Chris Arthur](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 6:42:45 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Chris Arthur  
3343 NE 18th  
Portland, OR 97212  
503 313 8495

**From:** [Wanda Pilakowski](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 3:09:13 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Wanda Pilakowski  
31524 Leafy Lane  
portland, OR 97056  
503-543-3830

**From:** [Frodo Okulam](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 11:51:53 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

We have an opportunity to take the lead in saving our world from the devastating effects of climate change. Please vote yes on this resolution!

Sincerely,

Frodo Okulam  
2804 NE 42nd Ave  
Portland, OR 97213  
5037534451

**From:** [Meg Ruby](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 11:44:50 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Meg Ruby  
3218 SE Tibbets  
Portland, OR 97202  
5039789458

**From:** [Lynne Magnuson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 11:12:23 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Lynne Magnuson  
4446 SE Center St  
Portland, OR 97206

**From:** [Sarah Prowell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 10:14:55 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Sarah Prowell  
2216 SW Sunset Blvd  
Portland, OR 97239  
503-452-0972



**From:** [Sharon Miller](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 10:09:37 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Sharon Miller  
1501 NE 89th Ct  
Vancouver, WA 98664  
2062281827

**From:** [Janna Auslam](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 10:09:36 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Janna Auslam  
1718 SE 42nd Ave  
Portland, OR 97215

**From:** [Robert Ranta](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 9:45:51 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Robert Ranta  
7144 N. Boston  
Portland, OR 97217

**From:** [Ineke Deruyter](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 8:44:01 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ineke Deruyter  
9322 N Oswego Ave  
Portland, OR 97203  
503-286-6364

**From:** [Matt Mcdell](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 8:42:41 PM

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Dear Mayor Hales and Members of the Portland City Council:

PLEASE HELP END THE DESTRUCTION OF THE PLACES AND RESOURCES THAT MAKE OREGON SO BEAUTIFUL. Columbia gorge is one of the seven wonders of the world. You are among the few brave souls elected to protect it, let's keep it beautiful and habitable. Shall we?

Matt Mcdell  
3125 SE Yamhill St  
Portland, OR 97214

**From:** [Sarah Knudsen](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 8:12:28 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Sarah Knudsen  
0108 SW Brugger Street  
Portland, OR 97219  
503-701-6490

**From:** [Randall Webb](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 8:08:41 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Randall Webb  
2328 NW Glisan St. Apt 10  
Portland, OR 97210



**From:** [Daniel Jaffee](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 8:05:23 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Daniel Jaffee  
4723 NE 14th Ave  
Portland, OR 97211

**From:** [Margaret Comfort](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 7:59:25 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Margaret Comfort  
3743 N Overlook Blvd  
Portland, OR 97227  
503 2818150

**From:** [Lee Kristin](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 7:56:51 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Lee Kristin  
5803 SW Garden Home Rd  
Portland, OR 97219  
5032276460

**From:** [Chris Bekemeier](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 7:34:14 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Chris Bekemeier  
3045 NE Flanders  
Portland, OR 97232

**From:** [Ketty Miller](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 7:13:23 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ketty Miller  
14209 NE Eugene Ct  
Portland, OR 97230  
5037801368

**From:** [Marna Jones](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 7:13:11 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Marna Jones  
3144 NE 18th Ave  
Portland, OR 97212  
503-974-4565

**From:** [Marissa Dorais](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 6:30:09 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Marissa Dorais

Marissa Dorais  
511 NE 29th Ave  
Portland, OR 97232  
503-415-1037



**From:** [Pamela Howard](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 6:05:58 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Pamela Howard  
2124 SW Laurel Street  
Portland, OR 97201

**From:** [Karen Henell & Gregg McCarty](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 6:04:19 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Karen Henell & Gregg McCarty  
4605 SW 27th Ave  
Portland, OR 97239  
503-246-5545

**From:** [Kate Schmitt](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 6:04:18 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Kate Schmitt  
PO Box 29083  
Portland, OR 97296  
5022328887

**From:** [Marilyn Harlin](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:46:43 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Marilyn Harlin  
255 SE 33rd Ave  
Portland, OR 97214  
503-233=2555

**From:** [Rose Christopherson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:28:47 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Rose Christopherson  
14707 Nw Cedar St  
Portland, OR 97231  
(503) 247-7219

**From:** [Andrea Marks](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:26:14 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,  
Andrea Marks

Andrea Marks  
9845 N Syracuse St  
Portland, OR 97203  
9715067018

**From:** [Jeffrey Mills](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:17:09 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jeffrey Mills

Jeffrey Mills  
5533 NE 24th Ave  
Portland, OR 97211  
971-409-8578



**From:** [Paulette Meyer](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:16:08 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Paulette Meyer  
1615 SE 58th Ave  
Portland, OR 97215  
5032367795

**From:** [Jeff Stookey](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:06:30 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

We must keep fossil fuels in the ground.

We currently have all the scientific and technical knowledge and the physical resources to get all of the energy we need from renewables, according to Mark Z. Jacobson, Director of the Atmosphere/Energy Program and Professor of Civil and Environmental Engineering at Stanford University. Now add to that a new analysis, called "World Energy Revolution: A Sustainable World Energy Outlook 2015", produced by Greenpeace in collaboration with researchers from the German Aerospace Center, that says our world can make the switch to 100% renewable energy by 2050. Feed-in-tariffs--which have helped put Germany and Ontario, Canada at the forefront of the transition to green energy--are promoted by Oregonians for Renewable Energy Progress (OREP) as an important policy tool to incentivize this transition.

America's path to prosperity lies in a rapid switch-over to abundant, homegrown, renewable energy to power our homes, businesses, and vehicles--NOT in facilitating extracting and exporting of dirty, polluting coal, oil, and gas, which represents a retreat from the 21st Century economy. Renewable energy already employs 2.7 million workers (more than the fossil fuel industry) and studies have shown that green energy will continue to create far more jobs than the fossil fuel industries. [see: Sizing the Clean Economy, A National and Regional Green Jobs Assessment by the Metropolitan Policy Program at the Brookings Institute, 2011.] A U.S.-led, green, industrial revolution will move our economy forward, create millions of new jobs, and help ensure a livable planet for future generations.

Sincerely,

Jeff Stookey  
3656 NE Wasco St  
Portland, OR 97232  
503-232-6867

**From:** [Darvel Lloyd](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 5:03:15 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Darvel Lloyd  
54 S.E. 74th Ave.  
Portland, OR 97215  
503-251-2784

**From:** [Charles Townsend](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:38:18 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Charles Townsend  
623 NE Morris  
Portland, OR 97212  
971-322-7136

**From:** [Bridget Bayer](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:36:47 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,  
Bridget Bayer

Bridget Bayer  
173 NE Bridgeton Rd  
Portland, OR 98211  
503-249-7981

**From:** [Robin Engle](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:22:52 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Robin Engle  
5946 NE Hoyt St  
Portland, OR 97213  
503-896-9967

**From:** [Kristen Abram](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:07:35 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Kristen Abram  
4532 NE 20th Ave.  
Portland, OR 97211  
971-207-1758



**From:** [Robert Wilson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:04:11 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Robert Wilson  
8333 SE 23rd Ave  
Apt D  
Portland, OR 97202

**From:** [John DAvolio](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 4:04:10 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

John DAvolio  
2543 NE 44th Ave  
Portland, OR 97213  
4152837368

**From:** [Vernon Groves](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 3:48:31 PM

---

Dear Mayor Hales and Members of the Portland City Council:

Peer reviewed climate science is saying that quickly switching to clean energy is an urgent necessity for a sustainable future. It is life on our planet itself that is at stake.

Therefore I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Vernon Groves  
5496 SW 157th Pl.  
Aloha, OR 97007  
503-641-5196

**From:** [Jenny Holmes](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 2:43:01 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jenny Holmes  
2325 NE 44th Ave.  
Portland, OR 97213

**From:** [marilee dea](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 2:05:28 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

marilee dea  
4613 NE Killingsworth Street, Unit #2  
Unit #2  
Portland, OR 97218  
503 771 6088

**From:** [Susan Monson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 12:44:29 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Susan Monson  
2002 SE 59th Av  
Portland, OR 97215

**From:** [P Horter](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 12:02:31 AM

---

Dear Mayor Hales and Members of the Portland City Council:

This is so important!

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

P Horter  
17827 NW Sauvie Is.Rd.  
Portland, OR 97231  
5034331902



**From:** [Judith Eda](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I STRONGLY support the fossil fuel policy resolution!  
**Date:** Tuesday, November 10, 2015 10:19:23 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I write to tell you I'm supporting the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region toward a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in our city's effort to reduce our consuming and investing in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Judith Eda  
4655 NE Killingsworth St  
Portland, OR 97218  
971-276-2789

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I Support the Fossil Fuel Policy and Oil Train Resolution  
**Date:** Tuesday, November 10, 2015 5:19:10 PM

---

From: Brent  
Email: [brent\\_rocks@comcast.net](mailto:brent_rocks@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Brent

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I Support the Fossil Fuel Policy and Oil Train Resolution  
**Date:** Tuesday, November 10, 2015 3:55:45 PM

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From: Helen  
Email: [hlhays@ccgmail.net](mailto:hlhays@ccgmail.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Helen

**From:** [Dianne Ensign](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 11:10:55 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Dianne Ensign  
11600 SW Lancaster Rd  
Portland, OR 97219

**From:** [Anne-Marie Claire](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 11:05:03 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Anne-Marie Claire  
(Moved)  
Portland, OR 97212  
5032844574

**From:** [Susan Gere](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 11:01:11 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

We are the Gateway; we are the Watchers on the Wall. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Susan Gere  
9311 N Willamette Blvd  
Portland, OR 97203  
6508231973

**From:** [Matthew Smith](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 10:02:41 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Matthew Smith  
8524 ne thompson  
Portland, OR 97220  
5034061465

**From:** [Ann Littlewood](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:42:32 PM

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Dear Mayor Hales and Members of the Portland City Council:I strongly su

Please vote to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future.

The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ann Littlewood  
2915 NE 21st Ave  
Portland, OR 97212  
5032878782



**From:** [Craig Heverly](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 8:40:43 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Craig Heverly  
4814 SE 30th Ave Apt 131  
Portland, OR 97202  
5032357144

**From:** [Melba Dlugonski](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 7:43:12 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Melba Dlugonski  
6735 SE 78th  
Portland, OR 97206

**From:** [Claudia Craig and Roberta Fisher](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 7:39:28 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Claudia Craig and Roberta Fisher  
4731 NE Shaver St.  
Portland, OR 97213  
503-331-8160

**From:** [Mark Leed](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 7:16:49 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Sincerely,

Mark Leed  
3419 E. 21st St., Unit 4  
Vancouver, WA 98661  
3607359451

**From:** [SJ van Rees](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 6:53:27 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

SJ van Rees  
133 NW 18th Ave Apt 3  
Portland, OR 97209

**From:** [Jason Nolin](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 6:29:11 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Jason Nolin  
5745 NE Church St  
Portland, OR 97218

**From:** [Elizabeth Sheppard](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 6:29:08 PM

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Dear Mayor Hales and Members of the Portland City Council:

Thank you for passing the City of Portland's resolution to prohibit new fossil fuel transport infrastructure in Portland. This empowers the City to lead the region towards a cleaner energy future.

I urge you also to support the resolution opposing dangerous oil trains.

Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Elizabeth Sheppard  
2007 SE Bybee Blvd  
Portland, OR 97202  
360-521-8316

**From:** [Joann Macey](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:58:23 PM

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Dear Mayor Hales and Members of the Portland City Council:

I am so glad that the City Council has the strength to take action and stand up to horrible uses of our environment.  
Thanks

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Joann Macey  
1320 SW Hilary  
McMinnville, OR 97128  
5033790021



**From:** [Marian Rauch](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:52:44 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Marian Rauch  
1574 SE River Ridge Dr.  
Portland, OR 97222

**From:** [Mary Forst](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:40:23 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Mary Forst  
15500 NW Ferry Rd  
Portland, OR 97231

**From:** [Rebecca Clark](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:39:24 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Rebecca Clark  
5035 N Depauw St  
Portland, OR 97203  
503-735-9194

**From:** [Sandra HILL](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:36:12 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Sandra HILL  
13110 SE River Rd.  
Portland, OR 97222  
503 353 2790

**From:** [robert turner](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:20:20 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

robert turner  
po bx 29035  
portland, OR 97296  
503 241 8612

**From:** [penelope lichatowich](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:19:10 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

penelope lichatowich  
4625 NE 38th Ave  
Portland, OR 97211  
503-284-2465

**From:** [Tom Lichatowich](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:17:46 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Tom Lichatowich  
4625 NE 38th Ave  
Portland, OR 97211

**From:** [marjorie bontje](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:17:39 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

marjorie bontje  
2143N. skidmore terrace  
Portland, OR 97217  
503 281 5953



**From:** [Ken Ferguson](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:12:41 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Ken Ferguson  
6019 SE Steele St.  
Portland, OR 97206

**From:** [Mary Andre](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:03:26 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Mary Andre  
2940 SE Brooklyn St  
Portland, OR 97202  
971-506-3197

**From:** [Douglas Hayner](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:01:29 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Douglas Hayner  
5825 NE Emerson  
Portland, OR 97218

**From:** [Celeste Soles](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 5:00:17 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Celeste Soles  
6126 NE 31st Avenue  
Portland, OR 97211  
5032842607

**From:** [Barbara McLean](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:56:29 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Barbara McLean  
2025 SE Grant Street  
Portland, OR 97214  
503-381-8296

**From:** [Nieba Paige](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:49:56 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Nieba Paige  
1322 SE 60th Ave.  
Portland, OR 97215  
503-234-7432

**From:** [Eric Strid](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:49:04 PM

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Dear Mayor Hales and Members of the Portland City Council:

We live in White Salmon, Washington, but your actions on fossil fuel terminals directly affect the safety and prosperity of our communities in the Columbia Gorge. 19 dangerous oil trains per week pass near our house and through dozens of Gorge communities; and about as many coal trains per week continue spewing coal along the tracks and into the river. (Don't go near one on a windy day!)

It's time to adopt clean, 21st-century fuels and technologies. And it's clear that fossil fuel infrastructure will become stranded within a decade or two. We power our home and two electric vehicles with a grid-tied solar array, all for \$18 a month. That is a glimpse of our clean future.

We applaud Portland for stepping up to tell Big Oil that enough is enough!

Sincerely,

Eric Strid  
545 Waubish  
White Salmon, WA 98672  
5033327507

**From:** [Linda Cook](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:42:25 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Linda Cook  
PO Box 935  
Manzanita, OR 97130



**From:** [Patricia Chandler](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:23:16 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

I was at the meeting on November 4th and was moved by the people of the First Nation, the beautiful young people and all concerned and dedicated citizens who spoke.

I was also moved by the questions and amendments brought by Commissioner Steve Novick and Commissioner Nick Fish. You showed the depth of your understanding and caring about this, the greatest issue facing our generation and I'm afraid, all generations to come. The present time is critical.

Unfortunately, I have a doctor's appointment this Thursday, in Hillsboro, and will be able to attend tomorrow's meeting.

Sincerely,  
Patricia L. Chandler, mother, grandmother, counselor

Patricia Chandler  
124 SW Bancroft St  
Portland, OR 97239  
5032949076

**From:** [John MacDonald](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:17:39 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

John MacDonald  
8893 NW Savoy Lane  
Portland, OR 97229  
503-764-9876

**From:** [Lin Reedijk](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:15:49 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a thruway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Lin Reedijk  
4673 SW Corbett Ave Uppr  
Uppr  
Portland, OR 97239  
503-227-4698

**From:** [Richard Benner](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:15:11 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Richard Benner  
2525 SE Ankeny St  
Portland, OR 97214  
5034490278

**From:** [Michael Schulte](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:11:35 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Michael Schulte  
3612 NE 44th  
Portland, OR 97213  
503.331.9590

**From:** [Jules and Renee Elias](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 4:04:55 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Jules and Renee Elias  
6435 S.E. Yamhill St  
Portland, OR 97215  
503 936 7453

**From:** [Angela Moos](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 3:59:26 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Angela Moos  
3417 N Russet  
Portland, OR 97217  
503-285-4276

**From:** [Laura Heller](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 3:05:58 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Laura Heller  
5604 NE Going St  
Portland, OR 97218



**From:** [James Tyree II](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 2:44:37 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

James Tyree II  
9005 SW Caroline Dr  
Portland, OR 97225  
5038905615

**From:** [Shari Sokel](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 1:36:39 PM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Shari Sokel  
2305 SE 47th Ave 97215  
Portland, OR 97215  
503-475-4274

**From:** [Kelly O'Hanley](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 1:29:11 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Kelly O'Hanley  
6134 NE Alameda St  
Portland, OR 97213  
5038808844

**From:** [Dawn Bolgioni](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 1:28:38 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Dawn Bolgioni  
3505 SE Sherman St  
Portland, OR 97214  
5033584243

**From:** [Alice Knouff](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 1:14:25 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

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Sincerely,

Alice Knouff  
3944 SE Ankeny St  
Portland, OR 97214  
503-235-8702

**From:** [Margaret MacGregor](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 12:40:25 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Margaret MacGregor  
1824 se 49th ave  
portland, OR 97215

**From:** [Grant Sawyer](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 12:29:09 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Grant Sawyer  
3763 SE Grant St Unit A  
Portland, OR 97214  
5037995472

**From:** [Peter Teneau & Nancy Cushwa](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 12:15:00 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Peter Teneau & Nancy Cushwa  
2715 N Terry St  
Portland, OR 97217  
503-978 0119



**From:** [Marilyn Cohen](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 12:02:47 PM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Marilyn Cohen  
12145 SW 33rd Avenue  
Portland, OR 97219

**From:** [Lani Roberts](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 11:20:56 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Lani Roberts  
3515 Belmont Drive  
Hood River, OR 97031  
5412509027

**From:** [Paul Metzger](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 10:59:43 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Sincerely,

Paul Metzger  
5105 SW Evelyn St.  
Portland, OR 97219  
5032468505

**From:** [Stephen & Irene Bachhuber](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 10:39:47 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Stephen & Irene Bachhuber  
3428 SE 9th Ave  
Portland, OR 97202  
503-777-8608

**From:** [Pamela Bergquist-Sullivan](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 10:30:59 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Pamela Bergquist-Sullivan  
4621 SW Cameron Rd  
Portland, OR 97221  
9712225373

**From:** [Craig Heverly](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Wednesday, November 11, 2015 9:53:46 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Craig Heverly  
4814 SE 30th Ave Apt 131  
Portland, OR 97202  
5032357144

**From:** [John E. Mijo](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Thursday, November 12, 2015 11:08:05 PM

---

In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

John E. Mijo  
Portland, OR

**From:** [Candace Lazarus](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Thursday, November 12, 2015 6:08:26 PM

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In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Candace Lazarus  
Portland, OR



**From:** [Julia Wyatt](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Vote to block all new fossil fuel projects in Portland.  
**Date:** Thursday, November 12, 2015 4:44:20 PM

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In order to stop all new fossil fuel projects in Portland and ensure that none of our communities are put at risk by fossil fuel extraction, storage and transportation, we call upon the City of Portland to pass a resolution that will prohibit explosive oil trains from passing through the City of Portland and to ban all new, large-scale fossil fuel infrastructure including trains, pipelines, storage tanks and transfer stations.

Julia Wyatt  
Portland, OR

**From:** [Ted Gleichman](#)  
**To:** [Council Clerk – Testimony](#)  
**Cc:** [Hales, Mayor](#); [Commissioner Fritz](#); [Commissioner Fish](#); [Commissioner Novick](#); [Commissioner Saltzman](#); [Alpert, Josh](#); [Crail, Tim](#); [Schmanski, Sonia](#); [Warner, Chris](#); [Finn, Brendan](#)  
**Subject:** Testimony, Res. #1179 -- with thanks, and a special shout-out to Commissioner Novick  
**Date:** Thursday, November 12, 2015 1:05:42 PM  
**Attachments:** [Ted Gleichman-Testimony-Portland City Council-No New Fossil Fuel Infrastructure-Whereas #4-November 4 2015.pdf](#)  
[ATT00001.htm](#)  
[Climate Impacts of Gas & LNG-One page Science Summary.pdf](#)  
[ATT00002.htm](#)  
[Climate Impacts of Natural Gas Production & LNG Export--Edition 1.3--November 2014.pdf](#)  
[ATT00003.htm](#)

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Attached are 3 items, also provided in hard copy to Mayor Hales & Commissioners Fritz, Fish, and Novick on November 4th (previous item #1157).

**Thanks so much for your unanimous support for Commissioner Fritz's beautifully-written resolution re Crude-By-Rail** (item #1156).

My topic is the fact that natural gas (pure methane, post-refinery) and other gaseous hydrocarbons (such as propane) can no longer be considered positive for the global climate, based on comprehensive recent science.

These materials are **a direct clearly-documented rebuttal** to those who testified Nov. 4 that natural gas is still a net plus for the planet, as we adapt our energy economy.

1) Nov. 4 Testimony Superset (2 pages — attached) — With the shout-out materials for Commissioner Novick

This brief document includes this thesaurus point at the end:

"Please also be clear on who we are:

**We are indefatigable.**

We are assiduous, determined, dogged, hard-working, indomitable, industrious, persistent, relentless, resolute, single-minded, tenacious, tireless, unfaltering, unflagging, unremitting, unshakable, unswerving, untiring, unwavering, unwearied.

Also, we will not give up."

The reference is that in 2008, Commissioner Novick corrected my pronunciation of **indefatigable**.

This was embarrassing but useful, so I added it as pointed humor for this testimony.

2) *Climate Impacts of Natural Gas Production & LNG Export: A Synopsis of Current Science* (8 pages — attached).

This document, which I edited, was assembled by leaders of the statewide anti-LNG coalition (alpha):

- 1000 Friends of Oregon
- Cascadia Wildlands
- Columbia Riverkeeper
- Crag Law Center
- Food & Water Watch
- Oregon Coast Alliance

# Natural Gas and LNG Exports are NOT “Climate Solutions”



The climate impacts of producing natural gas and exporting liquefied natural gas (LNG) have been scientifically analyzed. We now know: 1) Natural gas consumption worsens greenhouse-gas pollution; and 2) Natural gas production and LNG exports are no better than other fossil fuels. Therefore, **natural gas cannot be a “bridge to the future.”** Here’s why.

## ► Methane Leakage is Pervasive in the Supply Chain

Methane leakage has a massive greenhouse-gas impact, and natural gas is predominantly methane. Leakage occurs in drilling and production, transmission, processing and refining, and distribution (including liquefaction into LNG, its transport, regasification and redistribution). These fugitive methane emissions are critical factors in the life-cycle pollution of natural gas.

## ► Methane is More Dangerous than Carbon Dioxide

Natural gas is sold as the ideal long-term transition fuel to a distant renewable-energy economy (“the bridge to the future”). This comes from the contention that it is the least-polluting fossil fuel. True, burning methane directly releases significantly less carbon dioxide than burning other fossil fuels. But unburned methane is 86 times more potent at trapping heat in the atmosphere than coal over a 20-year period.

## ► Time is of the Essence

The next two decades are critical, and methane emissions are a serious short- and long-term problem. Official predictions are that heat increases may reach 3.6° F (2° C) within decades. The dramatic climate impacts we’ve seen so far come from atmospheric heat increases of only 1.5° F. Because methane is such a devastating greenhouse gas, even a tiny percentage of leakage creates enormous climate disruption.

## ► Scientists Sound the Alarm on Methane Leakage

In July 2014, scientists called on the Obama administration to account for methane emissions in global warming: “As evidence continues to mount that serious climate change impacts are already upon us, research indicates that mitigation of short-lived pollutants such as methane can play a significant role in slowing the rate of climate change....” The scientists’ letter urges the U.S. Environmental Protection Agency (EPA) and Department of Energy (DOE) to use a 20-year timeframe for evaluation and planning on methane because of the urgency of the climate crisis.

## ► Governmental Analyses are Deficient

DOE has published a draft “life-cycle analysis of natural gas destined for export” (LNG exports) including methane leakage rates that the EPA is also currently using. Evaluations by major environmental analysts and attorneys show that the DOE and EPA assumptions contain significant gaps and flaws. As a result, the destructive impact of methane leaks is seriously underestimated by the Federal Government.

## ► The Industry Has Failed to Monitor and Stop Methane Leakage

A 2013 study in Texas directly measured methane leaks from wells chosen by the industry. These wells are likely to have some of the best controls and lowest emissions, and yet still show significant leakage. EPA and DOE estimate the industry average leak rates to be about the same as the Texas best-case examples – a severe underestimate of realistic leakage methane leakage rates and counter to other studies.

### ► **Top-Down versus Bottom-Up Makes a Difference**

Studies looking at methane in the atmosphere (“top-down” studies) give compelling evidence that methane leakage estimates based on wells, pipelines, and refineries (“bottom-up” reviews) have dramatically underestimated total methane leaks. Two recent studies from Harvard and Stanford found emissions levels are much higher than EPA estimates, and atmospheric evaluations in the fracking fields of Colorado and Utah found the same problem.

### ► **Federal Perspectives Must Change**

The science makes it clear that we have to look at the markets that would import LNG and consider leaks there. DOE has ignored this. DOE also cannot assume that U.S. LNG exports will automatically reduce the burning of other fossil fuels overseas. The International Energy Agency (IEA) predicts that U.S. LNG exports would cause reductions in renewable energy development in other countries – leading directly to more greenhouse-gas emissions and climate disruption.

### ► **Market Economics Alone Cannot Reduce Climate Impacts**

Methane, like coal and oil, is a market commodity, but its economic impacts also are core to energy choices and climate evolution; these three spheres connect. A study of energy-economic-climate interactions by DOE’s own Pacific Northwest National Laboratory found that natural gas is not a global climate solution on that basis. International teams evaluated the affects of dramatic increases in global gas consumption through 2050. This showed that long-term gas expansion escalates the climate crisis because gas would replace both other fossil fuels and renewable energy. The study points out that public policies expanding and protecting renewables are vital to prevent the market push for gas superiority.

### ► **LNG Exports Require More Fracking**

LNG export terminals and pipelines proposed for Oregon are targeting Asian markets. One agonizing result of West Coast LNG exports to the Pacific Rim would be opening up most of Western North America to much more fracking. The Jordan Cove Energy Project proposed in Oregon even highlights that as a major plus, to “balance supply and demand...in the current market environment of [natural gas] oversupply and low prices.” A Jordan Cove consultant states, “LNG exports... should be seen as instrumental in providing the increased demand to spur exploration and development of gas shale assets in North America.” Gulf and Atlantic coast projects would also spur more fracking.

### ► **Climate-Change Mitigation Efforts Would be Undone by LNG Exports**

The current science makes a compelling case: LNG exports are not a climate solution. Oregon should reject proposals to make the Pacific Northwest a throughway for fracked-gas exports. LNG proposals on the U.S. Atlantic and Gulf Coasts claiming climate benefits are equally misguided. The bottom line: Urgent near-term action against methane and other high-intensity greenhouse gases must go hand-in-hand with major reductions in direct carbon-dioxide output. We will negate efforts to curb climate disruption if we permit LNG exports.

In November 2014, the U.N. Intergovernmental Panel on Climate Change (IPCC) released a synthesis report warning that greenhouse gas levels are at the highest they have been in 800,000 years. IPCC Chairman Rajendra Pachauri said of the report: “We have little time before the window of opportunity to stay within the 2C of warming closes. To keep a good chance of staying below the 2C, and at manageable costs, our emissions should drop by 40 to 70 percent globally between 2010 and 2050, and falling to zero or below by 2100.”

► *America’s natural gas system is leaky and in need of a fix, new study finds.* (February 13, 2014).

<http://news.stanford.edu/news/2014/february/methane-leaky-gas-021314.html>

► *The Washington Post on DOE LNG Life-Cycle: Exporting U.S. Natural Gas isn’t as “Clean” as You Think.* (June 9, 2014). <http://www.washingtonpost.com/blogs/wonkblog/wp/2014/06/09/exporting-u-s-natural-gas-isnt-as-clean-as-you-think/>

► *Scientific American* discusses a new NOAA study showing leakage rates double or triple the DOE estimates and Texas findings. <http://www.scientificamerican.com/article/leaky-methane-makes-natural-gas-bad-for-global-warming/>.

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**For detailed references and the full synopsis, visit: <http://tinyurl.com/l46jq68>**

#### **Contributions from the following Oregonians:**

Ted Gleichman, Editor, *Sierra Club*, [ted.gleichman@oregon.sierraclub.org](mailto:ted.gleichman@oregon.sierraclub.org). 503-781-2498.

Lesley Adams, *Waterkeeper Alliance*; Bob Barker; Susan Jane Brown, *Western Environmental Law Center*; Julia DeGraw, *Food & Water Watch*; Forrest English and Robyn Janssen, *Rogue Riverkeeper*; Francis Eatherington, *Cascadia Wildlands*; Doug Heiken, *Oregon Wild*; Phillip Johnson, *Oregon Shores Conservation Coalition*; Courtney Johnson, *Crag Law Center*; Cameron LaFollette, *Oregon Coast Alliance*; Rhett Lawrence and Nathan Matthews, *Sierra Club*; Steve McCoy, *1000 Friends of Oregon*; Daniel Serres, *Columbia Riverkeeper*; John Ward, *Rogue Flyfishers*.



# Climate Impacts of Natural Gas Production and LNG Export

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## A Synopsis of Current Science

November 2014  
Edition 1.3

The climate impacts of producing natural gas and exporting liquefied natural gas (LNG) have been analyzed in major peer-reviewed studies over the last three years.

We now have a clear outcome:

- Natural gas consumption – here or abroad – exacerbates greenhouse gas pollution, and
- Natural gas production and LNG exports offer no substantive reduction of carbon pollution over other fossil fuels. They are not “climate solutions.”

**Therefore, natural gas cannot be a “bridge to the future.”**

This synopsis explains why.

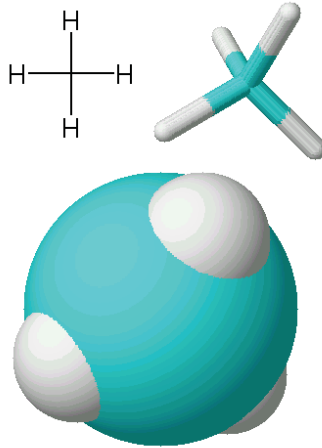


*The LNG Export Tanker “Arctic Lady”*

Photo: kees torn, Flickr: [Arctic Lady](#). License: Creative Commons Attribution-Share Alike 2.0, Wikimedia Commons

### Methane Leakage is Pervasive in the Supply Chain

Natural gas is predominantly methane at the well, and essentially 100% methane post-refinery. The studies detailed here identified methane leakage as a key factor determining the overall greenhouse gas impact and life-cycle pollution of natural gas.<sup>1</sup>



*Methane – CH<sub>4</sub> – the fundamental, simplest, and most versatile hydrocarbon.*

Illustration: Effeitsanders, Netherlands–[Methaan](#). License: Creative Commons Attribution-Share Alike 2.5, Wikimedia Commons.

Leakage creates fugitive methane emissions throughout the gas supply chain: in drilling and production, transmission, processing and refining, and distribution (including liquefaction into LNG and its transport, regasification, and redistribution).

### Methane is More Dangerous Than Carbon Dioxide

The characterization of natural gas as the ideal long-term transition fuel to a distant renewable-energy economy (“the bridge to the future”) comes from the perception that it is the least-polluting fossil fuel. (It also embodies the false claim that renewable energy is not ready for prime time.<sup>2</sup>) Industry constantly claims that natural gas is actually “clean.”<sup>3</sup>

It is true that direct methane combustion, viewed in isolation from the rest of the natural gas supply chain and the methane atmospheric life cycle, releases significantly less carbon dioxide than burning other fossil fuels. Unburned, however, methane is a much more potent heat-trapping greenhouse gas than carbon dioxide.

Specifically, the Intergovernmental Panel on Climate Change (IPCC) assesses methane impact over a twenty-year period as having a global warming potential **86 times greater than carbon dioxide**. Over a 100-year period, methane presents a global-warming effect 34 times that of carbon dioxide – still a massive imbalance, with dangerous ramifications.<sup>4</sup>

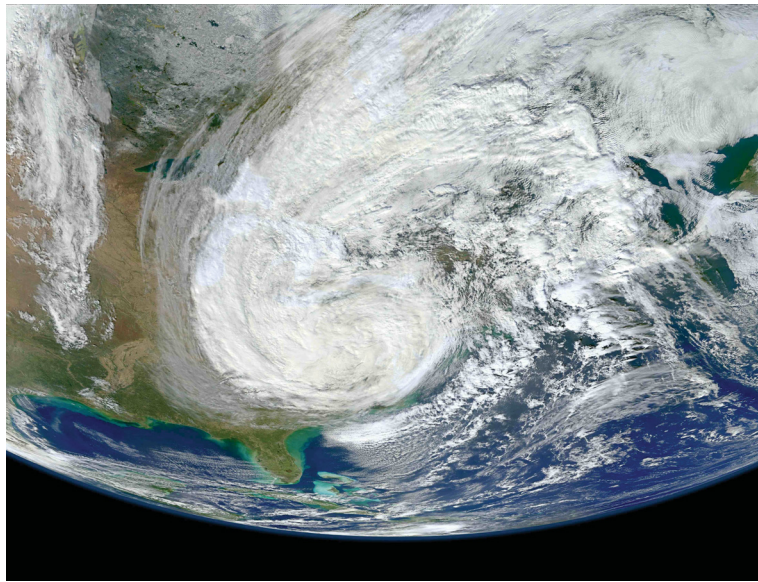
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<sup>1</sup> For a list of other forms of environmental, economic, and personal damage not specifically addressed in this synopsis, please see *Note: Other Damages from LNG Exports and Natural Gas Production and Consumption* on page 8.

<sup>2</sup> See, for example, Al Gore, *The Turning Point: New Hope for the Climate*, Rolling Stone, June 18, 2014.

<sup>3</sup> See, for example, Energy Tomorrow, [www.energytomorrow.com](http://www.energytomorrow.com); America’s Natural Gas Alliance, [anga.us](http://anga.us).

<sup>4</sup> Intergovernmental Panel on Climate Change (IPCC), *Climate Change 2013: Physical Science Basis*, Anthropogenic and Natural Radiative Forcing, p. 714.



***Superstorm Sandy, October 30, 2012, one day after landfall.  
It extended from the Florida Panhandle to Lake Superior and across Eastern Canada.***

Photo: [NASA](#), Norman Kuring, Ocean Color Web. Public domain: Wikimedia Commons.

### **Time is of the Essence**

Tragically, we do not have a century to make changes. The next ten to twenty years are critical, and methane emissions factor heavily into addressing greenhouse gas pollution in this near term. The IPCC projects that warming increases may reach 3.6° F (2° C) within decades. The dramatic climate impacts witnessed to date come from a heat increase of only a bit more than 1.5° F.<sup>5</sup>

This 3.6° F increase is the level that scientists agree is about the maximum that the Earth can stand without suffering the most devastating consequences of climate change. Furthermore, the growth in heat-trapping gases will continue for decades, regardless, and the impacts will build for centuries.

Because methane is such a devastating greenhouse gas, even a tiny percentage of leakage at the well, in the pipeline distribution system, at refineries, and in the consumer distribution system creates an enormous impact. Variations that superficially may appear small – say, from a rate of 1.5% to 3% – drastically increase overall fugitive-methane pollution.

### **Scientists Sound the Alarm on Methane Leakage**

On July 29, 2014, a panel of leading scientists called on the Obama administration to account accurately for the contribution of methane emissions to potential global warming. They urged the Department of Energy (DOE), the Environmental Protection Agency (EPA), and other agencies to use a 20-year timeframe to evaluate methane's greenhouse gas impact because of the urgency of the climate crisis:

“As evidence continues to mount that serious climate change impacts are already upon us, research indicates that mitigation of short-lived pollutants such as methane can play a significant role in slowing the rate of climate change....”<sup>6</sup>

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<sup>5</sup> IPCC, *Climate Change 2013: Physical Science Basis*, Summary for Policymakers, p. 3. See pp. 27-29 for discussion of time frames and long-term impacts, including coastal losses from the melting of the Greenland ice sheet and global sea-level rise. See also the November 2014 *Synthesis Report* for a comprehensive climate overview: [www.ipcc.ch](http://www.ipcc.ch).

<sup>6</sup> Chapin, Davidson, Hong, Howarth, et al., Letter to the U.S. EPA, U.S. DOE, CEQ, and White House Domestic Policy Council, July 29, 2014. “Recommendation to accurately account for warming effects of methane.” See: <http://tinyurl.com/mjg79hg>.



### Governmental Analyses are Deficient

An important review of key literature on natural gas impacts was provided in two sets of comments submitted by Sierra Club, Food & Water Watch, Cascadia Wildlands, Columbia Riverkeeper, and others (*Sierra Club et al.*)<sup>7</sup> to DOE on July 21, 2014. *Sierra Club et al.* makes it clear that DOE's life-cycle analyses of natural gas destined for export (*DOE LNG Life-Cycle*)<sup>8</sup> contain significant gaps and flaws, highlighted throughout this synopsis.

### The Industry Has Failed to Monitor and Stop Methane Leakage

*Sierra Club et al.* addresses how *DOE LNG Life-Cycle*, attempting to evaluate relative impacts of natural gas production and LNG export plans, consistently underestimates the methane leakage rate.<sup>9</sup>

For example, a 2013 study by a team led by University of Texas professor David Allen<sup>10</sup> (*Texas*) directly measured methane leaks from wells chosen by the industry. These specimens are likely to have some of the best controls and lowest emissions. The EPA and DOE estimate the industry average leak rates to be about the same as the *Texas* best-case examples – a severe underestimate of realistic leakage rates.

Significantly, two other seminal studies – one at Argonne National Laboratory in 2011, led by Andrew Burnham,<sup>11</sup> and another at the federally-chartered Institute for Defense Analyses in 2012, by Christopher Weber and Christopher Clavin<sup>12</sup> – found markedly higher leakage estimates than those cited by DOE.



*Halliburton preparing a fracking site in North Dakota's Bakken field.*

Photo: Joshua Doubek. License: Creative Commons Attribution - Share Alike 3.0, Wikimedia Commons.

### Top-Down versus Bottom-Up Makes a Difference

In the last two years, peer-reviewed studies looking at methane levels in the atmosphere (“top-down” studies) provide compelling evidence that the aggregate methane leakage estimates based on measurements at wells, pipelines, refineries, and other gas facilities (“bottom-up” reviews, like *Texas*) have dramatically underestimated gas-sector methane leaks.<sup>13</sup> Two recent nationwide life-cycle methane emissions studies found emissions levels much higher than current EPA estimates.

<sup>7</sup> Sierra Club et al., Comments re DOE, “Life Cycle Greenhouse Gas Perspective on Exporting Liquefied Natural Gas from the United States,” addressed “Attn: LCA GHG Report Comments,” July 21, 2014. See: <http://tinyurl.com/lh9phuj>. In addition to this comment set on LNG and methane, please see the related comment set focused on fracking: Comments re DOE, “Environmental Impacts of Unconventional Natural Gas Development and Production” and other DOE documents, addressed, “Attn: Addendum Comments,” July 21, 2014. See: <http://tinyurl.com/qc94dph>. These comment sets interact.

<sup>8</sup> U.S. Department of Energy, *Life Cycle Greenhouse Gas Perspective on Exporting Liquefied Natural Gas from the United States*, May 29, 2014. See <http://tinyurl.com/orc3ytz>.

<sup>9</sup> Sierra Club et al., pp 5-10.

<sup>10</sup> Allen, D. T., Torres, V. M., Thomas, J., Sullivan, D. W., Harrison, M., Hendler, A., Herndon, S.C., Kolb, C.E., Fraser, M.P., Hill, A.D., Lamb, B.K., Miskimins, J., Sawyer, R.F., Seinfeld, J. H. (2013). *Measurements of methane emissions at natural gas production sites in the United States*. Proceedings of the National Academy of Sciences.

<sup>11</sup> Burnham, A., Han, J., Clark, C.E., Wang, M., Dunn, J.B., and Palou-Rivera, I. (2011). *Lifecycle Greenhouse Gas Emissions of Shale Gas, Natural Gas, Coal, and Petroleum*. Environmental Science & Technology.

<sup>12</sup> Weber, C. L., and Clavin, C. (2012). *Life Cycle Carbon Footprint of Shale Gas: Review of Evidence and Implications*. Environmental Science & Technology, DOI: 10.1021/es300375n.

<sup>13</sup> Sierra Club et al., p. 9.



## Climate Impacts of Natural Gas Production and LNG Export



### ***Natural gas production on public land, leased out by the US Bureau of Land Management, west of the Wind River Range, Wyoming.***

Photo: Pinedale BLM Field Office. Public domain via Wikimedia Commons.

The first, from a team led by Harvard University's Scot M. Miller<sup>14</sup> (*Harvard*), reviewed atmospheric measurements of methane and concluded that the "EPA recently [in the 2013 Greenhouse Gas Inventory] decreased its [methane] emission factors for fossil fuel extraction and processing by 25–30% (for 1990–2011), but we find that [methane] data from across North America instead indicate the need for a larger adjustment of the opposite sign."<sup>15</sup>

*Harvard* concluded that atmospheric measurements of methane emissions from all sources were 50% higher than the EPA 2013 Greenhouse Gas Inventory's bottom-up estimate. *Harvard* emphasizes that gas emissions are a significant part of the observed emissions that the EPA missed in their Inventory amendments, and suggests that the actual leak rate is likely to be 3% or more.

This stunning figure establishes natural gas production and LNG exports as significant contributors to climate-changing pollution, even as destructive as coal or oil.

The second study, by a team led by Stanford University's Adam Brandt<sup>16</sup> (*Stanford*) also concluded that the EPA's Inventory and other bottom-up estimates, which generally use values similar to those assumed by DOE, significantly underestimate methane emissions from oil and gas production. (See *The Stanford Report* article referenced below for a good summary of *Stanford*.)

*Harvard* and *Stanford*, as nationwide studies, parallel with atmospheric studies examining individual regions, which have found even higher local fugitive methane emissions. In Colorado's Front Range fracking region (the Denver-Julesburg Basin), two studies by a National Oceanic & Atmospheric Administration (NOAA) team led by Gabrielle Petron concluded that during gas production alone, the gas leak rate was about 4%.<sup>17</sup>

Alarmingly, the same NOAA research team, led by Anna Karion, found dramatically higher leak rates from wells in Utah's Uinta Basin, estimating escaped methane at 9% ± 3% of total production.<sup>18</sup> Notably, these valuable research projects did not include additional leaks from downstream segments of the industry, such as transmission and distribution pipelines and processing facilities.

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<sup>14</sup> Miller, S., et al., *Anthropogenic emissions of methane in the United States*. Proceedings of the National Academy of Sciences (Dec. 10, 2013) ("PNAS Study"), available at <http://calgem.lbl.gov/Miller-2013-PNAS-US-CH4-Emissions-9J5D3GH72.pdf>

<sup>15</sup> Miller et al., p. 5.

<sup>16</sup> Brandt, A.R., et al., *Methane Leaks from North American Natural Gas Systems*. *Science*, Vol. 343, no. 6172, pp.733-735 (Feb. 14, 2014).

<sup>17</sup> Petron, et al., *A new look at methane and non-methane hydrocarbon emissions from oil and natural gas operations in the Colorado Denver-Julesburg Basin*. 119:9 *J. Geophys. Res. Atmospheres* (June 3, 2014), abstract available at <http://onlinelibrary.wiley.com/doi/10.1002/2013JD021272/abstract>. The second Colorado study is Petron, et al., *Hydrocarbon emissions characterization in the Colorado Front Range: A pilot study*. 117:D4 *J. Geophys. Res. Atmospheres* 4304 (Feb. 21, 2012).

<sup>18</sup> Karion, et al., *Methane emissions estimate from airborne measurements over a western United States natural gas field*. 40:16 *Geophysical Research Letters* 4393 (Aug. 27, 2013), abstract available at: <http://onlinelibrary.wiley.com/doi/10.1002/grl.50811/abstract>.

### **Federal Perspectives Must Change**

This evidence makes it clear that, to fully assess the life-cycle impacts of natural gas production, consumption, and export, we must examine markets that would purchase and import LNG, and consider their local transportation leaks and other fugitive emissions. Unfortunately, DOE has ignored this.<sup>19</sup>

*Sierra Club et al.* also addresses why DOE must do more than simply compare the life-cycle emissions of domestic LNG with other fossil fuels to fully analyze production and export impacts. DOE cannot assume that U.S. LNG exports will offer one-for-one displacement of other fossil fuel use overseas. The International Energy Agency (IEA) predicts that U.S. LNG exports would reduce renewable energy development in other countries – leading directly to increased greenhouse gas emissions. Similarly, U.S. LNG exports may also increase U.S. greenhouse gas emissions.<sup>20</sup>

One assessment in *DOE LNG Life-Cycle* shows the complexity and problematic nature of these impact analyses: DOE concluded that using U.S. LNG for electricity in China would have higher life-cycle greenhouse gas emissions than Chinese coal-based electrical generation during a 20-year timeframe!<sup>21</sup>

### **Market Economics Alone Cannot Reduce Climate Impacts**

Methane, like coal and oil, is a market commodity, with economic benefits and costs. But its economic impacts also are core to energy choices and climate evolution; these three spheres connect. A study of energy-economic-climate interactions led by Haewon McJeon<sup>22</sup> of DOE's own Pacific Northwest National Laboratory (*PNNL*) found that natural gas is not a global climate solution on that basis.

*PNNL* assembled international cross-disciplinary teams to evaluate the effects of dramatic increases in global gas consumption through 2050. The teams evaluated natural gas through five independent assessment models, each integrating this three-part energy-economic-climate analysis. This market-model study showed that long-term gas expansion escalates the climate crisis because gas would replace not only other fossil fuels, but also low-carbon energy sources, including renewable energy. *PNNL* also notes the key role of fugitive methane emissions. Most critically, *PNNL* points out that public policies expanding and protecting renewables are vital to prevent the market push for gas superiority.

It's clear from these studies that:

- *DOE LNG Life-Cycle* estimates of the natural gas supply chain leak rates are far too low;
- the EPA also currently underestimates the scope of that problem; and
- depending on a larger gas sector through the market for fossil fuels cannot protect the climate.



***An off-grid solar photovoltaic array outside Denver.  
Our technical and economic capabilities are fully  
adequate for complete conversion of our energy supply  
systems through sustainable renewable energy,  
efficiency, and conservation. See note 2 above.***

Photo: Ted Gleichman.

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<sup>19</sup> Sierra Club et al., pp. 10-11.

<sup>20</sup> Sierra Club et al., pp. 2-5.

<sup>21</sup> DOE Life Cycle, pp. 14-15. See footnote 10.

<sup>22</sup> McJeon, H., et al., *Limited impact on decadal-scale climate change from increased use of natural gas*. Nature (October 15, 2014), DOI:10.1038/nature13837, abstract available at: <http://www.nature.com/nature/journal/vaop/ncurrent/pdf/nature13837.pdf>.

### **LNG Exports Require More Fracking**

LNG export terminals and pipelines proposed for Oregon target markets in Asia, working to lock in 20-year export contracts.<sup>23</sup> One agonizing result of West Coast LNG exports to the Pacific Rim would be opening up most of Western North America to much more fracking, long term.

In fact, the Jordan Cove Energy Project proposed in Oregon even highlights that as a major plus, to “balance supply and demand...in the current market environment of oversupply and low prices.” A Jordan Cove consultant states, “LNG exports... should be seen as instrumental in providing the increased demand to spur exploration and development of gas shale assets in North America.”<sup>24</sup> Projects on U.S. Gulf and Atlantic Coasts will similarly induce much more regional fracking.

### **Climate-Change Mitigation Efforts Would be Undone by LNG Exports**

Taken as a whole, the current science makes a compelling case:

**Natural gas production and consumption and LNG exports are not climate solutions.** Oregon should reject proposals to make the Pacific Northwest a throughway for fracked-gas exports. Pipeline and terminal proposals on the Gulf and Atlantic Coasts claiming climate benefits are equally misguided.

The bottom line: Urgent near-term action against methane and other high-intensity greenhouse gases **must** parallel the necessary major reductions in direct carbon dioxide output.<sup>25</sup>

**We will negate efforts to curb climate disruption if we permit  
LNG exports and unrestricted natural gas production and consumption.**

#### **Other relevant information:**

► *The Stanford Report* published a briefing paper summarizing the Brandt/Stanford study: *America's natural gas system is leaky and in need of a fix, new study finds.* (February 13, 2014). [news.stanford.edu/news/2014/february/methane-leaky-gas-021314.html](http://news.stanford.edu/news/2014/february/methane-leaky-gas-021314.html).

► *The Washington Post* analyzed DOE LNG Life-Cycle: *Exporting U.S. Natural Gas isn't as "Clean" as You Think.* (June 9, 2014). [washingtonpost.com/blogs/wonkblog/wp/2014/06/09/exporting-u-s-natural-gas-isnt-as-clean-as-you-think/](http://washingtonpost.com/blogs/wonkblog/wp/2014/06/09/exporting-u-s-natural-gas-isnt-as-clean-as-you-think/).

► A Chesapeake Climate Action Network factsheet raises good points about DOE LNG Life-Cycle: *DOE: US LNG Exports to Asia are Likely Worse Than Coal for the Climate.* (June 9, 2014). [chesapeakeclimate.org/press-releases/doe-u-s-lng-exports-to-asia-are-likely-worse-than-coal-for-the-climate/](http://chesapeakeclimate.org/press-releases/doe-u-s-lng-exports-to-asia-are-likely-worse-than-coal-for-the-climate/).

► *Scientific American* discusses a new NOAA study, from a team led by Stefan Schweitzke of Carnegie Mellon University, showing leakage rates double or triple the DOE estimates and Texas findings. The article notes, “natural gas fields globally may be leaking enough methane, a potent greenhouse gas, to make the fuel as polluting as coal for the climate over the next few decades...” *Leaky Methane Makes Natural Gas Bad for Global Warming.* (June 26, 2014). [scientificamerican.com/article/leaky-methane-makes-natural-gas-bad-for-global-warming/](http://scientificamerican.com/article/leaky-methane-makes-natural-gas-bad-for-global-warming/).

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<sup>23</sup> Snow, N., *DOE approves LNG exports to non-FTA countries from Oregon project.* Oil & Gas Journal, March 24, 2014. This details the 20-year export approval granted conditionally to Veresen, Inc., the Canadian corporation that owns the Jordan Cove Energy Project, proposed for Coos Bay, Oregon, and the affiliated Pacific Connector Pipeline proposal, which would extend 234 miles from the terminus of the Ruby Pipeline in Malin, Oregon, to Coos Bay.

<sup>24</sup> Jordan Cove Resource Report 1, March 2012, p. 1-4.

<sup>25</sup> Sierra Club et al., pp. 10-12.

## **Climate Impacts of Natural Gas Production and LNG Export**

### **Note: Other Damages from LNG Exports and Natural Gas Production and Consumption**

The natural gas supply chain and LNG export development cause many other forms of environmental, economic, and personal damage not addressed in this synopsis. These include but are not limited to:

- Surface water, ground water, and aquifer pollution from toxic fracking fluids;
- Massive consumptive water use for drilling and fracking, with the water permanently removed from the natural hydrologic cycle (used to extinction);
- Toxic air pollution beyond fugitive methane emissions;
- Gas pipeline and LNG terminal construction impacts to forests, rivers, and farms and the people and species that depend on them;
- Corporate use of eminent domain authority against landowners in pipeline routing, eliminating other land-use options and causing permanent deprivation for private-sector profit;
- Increased costs for residential, commercial, and manufacturing gas use from LNG export, partially spurred by corporate trade treaties reducing governmental oversight and sovereignty;
- Massive loss of manufacturing jobs in the United States;
- Fracking-induced earthquakes;
- Health and safety risks of explosive facilities; and
- In Oregon, the planned siting of LNG facilities and pipelines in areas guaranteed to suffer the most destructive seismic event and tsunami in U.S. history – and at very high risk of experiencing that earthquake and flood during the lifetime of the proposed LNG pipelines and terminals.

### **Acknowledgements: Compiled by Oregonians**

This project has been developed by these contributors; for more information, please contact any of us. **Please notify us of use; thank you.**

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**Edition 1.3, November 15, 2014**

Errata b



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Testimony & Notes: Portland City Council Resolutions, November 4, 2015  
**Crude-by-Rail Restrictions & No New Fossil Fuel Infrastructure**

Ted Gleichman\*

Focus: *No New Fossil Fuel Infrastructure – Whereas #4*

“The extraction and combustion of fossil fuels are significant sources of greenhouse gas emissions and major contributors to climate change and pollution.”

Specifically:

The claim that natural gas and other gaseous hydrocarbons, like propane, are a bridge to the future is a myth.

As Sierra Club Executive Director Michael Brune first put it, gas is not a bridge, it's a gangplank. We now know with scientific certainty that there is no circumstance under which natural gas is a net plus for the planet, for two key reasons:

1) Methane is the primary component of the toxic brew of gaseous hydrocarbons at the wellhead, and is a synonym for post-refinery natural gas. Methane is the most potent naturally-occurring greenhouse gas. The IPCC assessment is that methane has 86 times the global warming potential of carbon dioxide over a 20-year period.

2) Methane leaks constantly throughout the supply chain – at the wellhead, from pipelines, compressor stations, block valves, consumer distribution networks – and, for liquefied natural gas, during liquefaction, transoceanic shipment, re-gasification, and final distribution.

Methane is a tiny molecule – CH<sub>4</sub>, the first hydrocarbon. These fugitive methane emissions can never be fully prevented, because all wells leak, sooner or later, and all infrastructure decays.

Because it is so potent, only a tiny percentage of leakage creates huge impact. The best current science is leakage of 3-9%; even cutting this to 1% guarantees – because of methane's potency in global warming potential – that there is no fossil fuels solution to the fossil fuels crisis.

[Distribution of Climate Impacts of Natural Gas Production & LNG Exports – two documents.]

Please do not let anyone tell you that any of these gases are a plus for the planet. That is completely bogus on every level.

Although propane, for example, is not a greenhouse gas, there is no such thing as a propane well: it must be extracted from gaseous or liquid (or occasionally, solid) hydrocarbons. Inevitably, propane production increases methane output and leakage.

And, of course, the combustion and consumption of all of these hydrocarbons – including those that are not greenhouse gases – generates carbon dioxide. It is both a trap and a falsehood to claim that one fossil fuel is superior to another.

In addition, for these gaseous and liquid hydrocarbons, the fracking used in all new wells generates massive amounts of permanent pollution of air, land, and especially water.

**Again, there is no fossil fuels solution to the fossil fuels crisis.**

-----

Please also be clear on who we are:

**We are indefatigable.**

We are assiduous, determined, dogged, hard-working, indomitable, industrious, persistent, relentless, resolute, single-minded, tenacious, tireless, unfaltering, unflagging, unremitting, unshakable, unswerving, untiring, unwavering, unwearied.

Also, we will not give up.

Thank you.

\* Ted Gleichman

503-781-2498

- Political Director, Climate & Energy Program, Center for Sustainable Economy  
Please see: [www.sustainable-economy.org](http://www.sustainable-economy.org)
- Member, National Strategy Team, Sierra Club *Stop Dirty Fuels Initiative*
- Policy Advisor, Oregon Sierra Club *Beyond Gas & Oil Team*

- Oregon Shores Conservation Coalition
- Oregon Wild
- Rogue Riverkeeper
- Sierra Club, National and Oregon
- Western Environmental Law Center
- Waterkeeper Alliance

Since this synopsis was prepared late last year, the Oregon League of Conservation Voters has also accepted these arguments.

3) ***Natural Gas and LNG Exports are NOT “Climate Solutions”*** (2 pages — attached).  
This is a summary of the ***Climate Impacts Synopsis***.

My verbal testimony today (since I deferred my 2 minutes on Nov. 4) will focus on the relationship of these issues to the Oregon Clean Fuels Program.

Thanks for your consideration.  
Ted Gleichman

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** Please VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 10:46:48 AM

---

From: Elizabeth  
Email: [egraserlindsey@gmail.com](mailto:egraserlindsey@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

The fossil fuel resolution before you today is extremely important. In my professional life I studied meteorology and climatology at the PhD level and I have worked with modeling of the atmosphere and environmental physics, research various problems including those related to climate change at several universities. As a person I like to avoid needless risk and keep myself and my family safe and to work for the common good. In my political involvement I request you understand the science of climate change and global warming and its driver the burning of fossil fuels and express the wisdom to put in place policies that protect us as much as your local jurisdiction allows. Action should have been taken decades ago to avoid our civilization passing the tipping points of climate change. It is urgent that you act now.

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and well being of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Elizabeth



**From:** [murph1949@aol.com](mailto:murph1949@aol.com)  
**To:** [Council Clerk – Testimony](#); [Commissioner Fish](#); [Commissioner Saltzman](#); [novick@portlandoregon.gov](mailto:novick@portlandoregon.gov);  
[Commissioner Fritz](#); [Hales, Mayor](#)  
**Subject:** [User Approved] Fossil fuel infrastructure ban  
**Date:** Thursday, November 12, 2015 8:54:52 AM

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Thank you for your support last week for the ban on fossil fuel rail traffic.  
Please vote Thursday for the ban on fossil fuel infrastructure in Portland, for the health and safety of the city and people who live here. I have my fingers crossed that the wisdom of our elected leaders will prevail over the profits of fossil fuel companies. Thank you.  
Donna Murphy  
2134 NE 37 Ave.  
Portland

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 2:51:42 PM

---

From: Patricia  
Email: [geshin@hevanet.com](mailto:geshin@hevanet.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Patricia

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 1:34:02 PM

---

From: Catherine  
Email: [katiesireno@hotmail.com](mailto:katiesireno@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Catherine

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 1:19:27 PM

---

From: Michelle  
Email: [meeshellwood@gmail.com](mailto:meeshellwood@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Michelle

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 12:56:33 PM

---

From: Tyler  
Email: [twhitneyosu@gmail.com](mailto:twhitneyosu@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Tyler

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 12:36:04 PM

---

From: Gordon  
Email: [gordon@rivercity-tech.com](mailto:gordon@rivercity-tech.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Gordon

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 12:34:59 PM

---

From: Helen  
Email: [helenacallis@gmail.com](mailto:helenacallis@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

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Sincerely,

Helen

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:51:20 AM

---

From: Sylvan  
Email: [lenrivers@hotmail.com](mailto:lenrivers@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Sylvan



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:31:33 AM

---

From: Christine  
Email: [christine@christinebrautigam.com](mailto:christine@christinebrautigam.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

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Sincerely,

Christine

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:27:54 AM

---

From: Johanna  
Email: [johanna.wearsch@gmail.com](mailto:johanna.wearsch@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Johanna

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:19:53 AM

---

From: Nora  
Email: [nora.mattek@gmail.com](mailto:nora.mattek@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Nora

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:09:04 AM

---

From: Wade  
Email: [wade.worthington@gmail.com](mailto:wade.worthington@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Wade

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 11:02:22 AM

---

From: Nancy  
Email: [nancypfeiler6@gmail.com](mailto:nancypfeiler6@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Nancy

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 10:56:30 AM

---

From: Stephanie  
Email: [steph@mentalslapstick.com](mailto:steph@mentalslapstick.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Stephanie

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 10:48:30 AM

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From: Hans  
Email: westh3@gmail.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. It is high time that we get serious about reducing our dependence on fossil fuels.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and its surrounding waterways.

Sincerely,

Hans

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 9:42:30 AM

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From: Deborah  
Email: [deblev@teleport.com](mailto:deblev@teleport.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways. After 15 years of working within the City, I am excited to use my voice as a member of the community. In the days leading up to the summit in Paris, Portland has a unique opportunity to set an example of local responsibility for protecting the wellbeing of present and future generations.

Please do take this opportunity seriously. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

I urge the Council to pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and its surrounding waterways.

Sincerely,

Deborah Lev

Deborah



**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 9:37:57 AM

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From: Austin  
Email: [austin.muller@icloud.com](mailto:austin.muller@icloud.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Austin

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 9:26:37 AM

---

From: Polly  
Email: pollyp\_waller@yahoo.com

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

For these reasons and more it is imperative that the City of Portland pass the Fossil Fuel Resolution (#1157) introduced by Mayor Hales and Commissioner Fritz on November 12th and to codify a legally binding policy that protects our neighborhoods and residents by passing a comprehensive ban on all new or expanded fossil fuel transport or storage infrastructure in Portland and it's surrounding waterways.

Sincerely,

Polly

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 8:40:02 AM

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From: Jim  
Email: [jkleinpdx@gmail.com](mailto:jkleinpdx@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

From extraction to transportation to storage to combustion, fossil fuels pose a threat to watersheds, air quality, human health and climate stability. Current proposals throughout the region for new pipelines, rail lines and terminals would drastically increase the volume of coal, oil and gas in the Portland area, exposing Portland residents to direct and immediate risks from train derailment and storage tank explosions, dangerous pipeline leaks and toxic coal dust. The Fossil Fuel resolution is consistent with our City's values, vision and goals in the Portland-Multnomah County Climate Action Plan to create healthy, equitable, resilient and prosperous communities.

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Sincerely,

Jim

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 8:32:19 AM

---

From: Piper  
Email: [piperlinnash@gmail.com](mailto:piperlinnash@gmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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As a medical student in Portland, resident of SE Portland, and member of Physicians of Social Responsibility I am obviously very concerned about the impact of climate change and coal/oil use on human health. I cross train tracks on my bike ride to school and every time I am stopped by a train carrying oil tanks I feel fear. Many of these train cars have exploded and it could happen in a densely populated city like Portland. Please vote YES on the Fossil Fuel Resolution.

Sincerely,

Piper

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 8:31:44 AM

---

From: Paul  
Email: [halothane55@hotmail.com](mailto:halothane55@hotmail.com)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Paul

**From:** [350PDX](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** VOTE YES on the Fossil Fuel Resolution  
**Date:** Thursday, November 12, 2015 8:25:08 AM

---

From: Peggy  
Email: [peggy-murphy@comcast.net](mailto:peggy-murphy@comcast.net)

Dear Mayor Hales and Members of the Portland City Council --

I strongly support the City of Portland resolution opposing new fossil fuel infrastructure in Portland and surrounding waterways.

The Fossil Fuel Resolution (#1157) is an opportunity to put an end to new dangerous fossil fuel projects that jeopardize the health, safety and wellbeing of Portland's residents, neighborhoods and surrounding waterways.

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Sincerely,

Peggy

**From:** [Leland Block](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 11:23:47 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Leland Block  
3565 NE Mathison Pl  
Portland, OR 97212

**From:** [Kathy Bangertt](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 11:16:13 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Kathy Bangertt  
4540 SE Taylor St  
Portland, OR 97215  
5032398149



**From:** [Shaun Hassel](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 10:36:49 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

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Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,  
Shaun Hassel

Shaun Hassel  
1604 NE 50th Ave  
Portland, OR 97213  
503-477-0469

**From:** [Nora Polk](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 10:28:34 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Nora Polk  
6405 SE 62nd Ave  
Portland, OR 97206  
5037715209

**From:** [Linda Jauron-Mills](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 9:19:10 AM

---

Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Linda Jauron-Mills  
9536 N Todd  
Portland, OR 97203

**From:** [Steve Lanigan](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 9:15:42 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Steve Lanigan  
4137 N Overlook Blvd  
Portland, OR 97217

**From:** [Timothy Ford](#)  
**To:** [Council Clerk – Testimony](#)  
**Subject:** [User Approved] I support the fossil fuel policy resolution!  
**Date:** Thursday, November 12, 2015 8:41:52 AM

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Dear Mayor Hales and Members of the Portland City Council:

I strongly support the City of Portland's resolution to adopt a landmark, binding policy to prohibit new fossil fuel transport infrastructure in Portland. The fossil fuel export policy shows that the City is serious about curbing dangerous greenhouse gas emissions. Rather than allowing Portland to become a throughway for dirty fossil fuels, the fossil fuel policy resolution empowers the City to lead the region towards a cleaner energy future. I also support the resolution opposing dangerous oil trains.

I urge the City Council to establish a fossil fuel export policy that opposes all projects that increase risky, polluting fossil fuel transportation and storage. The City of Portland can help to protect our communities from oil and propane train hazards, the Columbia River from oil spills, and our climate from increased fossil fuel consumption, by adopting the fossil fuel export policy resolution.

Portland can walk the talk. This resolution is another positive step in the city's effort to reduce our consumption and investment in fossil fuels. Strongly opposing the export of dirty fuel through our city is a critical and necessary action.

Sincerely,

Timothy Ford  
950 Lloyd Cntr.  
P.M.B. #129  
Portland, OR 97232  
(503) 234-4877