

## IMPACT STATEMENT

**Legislation title:** Establish goal to transition Portland to 100% renewable energy by 2050 (Resolution)

**Contact name:** Nathan Howard

**Contact phone:** 3-4125

**Presenter name:** Nathan Howard

**Purpose of proposed legislation and background information:**

- Establishes a goal to transition Portland to 100% renewable energy by 2050 building on the Climate Action Plan goals.

**Financial and budgetary impacts:**

- While there will be financial impacts in the future as bureaus transition to 100% renewable energy – these costs will be accounted for as individual projects and purchases come to City Council.

**Community impacts and community involvement:**

Addressing Climate Change and transitioning to renewable energy has huge benefits for the community. As the resolution outlines, there will be specific engagement and involvement initiatives around social and environmental justice, outreach to underserved communities, and a broad community engagement strategy.

### Budgetary Impact Worksheet

**Does this action change appropriations?**

☐ YES: Please complete the information below.

☒ NO: Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount

## RESOLUTION No.

Establish goal to transition Portland to 100% renewable energy by 2050 (Resolution)

WHEREAS, the scientific consensus is clear that human activities are primarily responsible for the warming that is accelerating global climate change; and

WHEREAS, changes in Oregon's climate are already being felt, with Oregon's mean temperature warming by 2.2°F per century during 1895-2015, and 2015 was the warmest year on record and 2016 was the wettest winter on record; and

WHEREAS, the Oregon Climate Change Research Institute has found that climate change poses a significant threat to Oregon's forestry, fisheries, water supplies and coastal resources, and impacts that are likely to include winter flooding, summer droughts, loss of shoreline, forest fires, diminished fish and wildlife habitat, retreating glaciers, decreased snowpack, increased disease vectors and invasive species, urban heat islands; and

WHEREAS, the City of Portland's climate future is expected to be characterized by hotter, drier summers with more high-heat days, and warmer winters with more intense rain events. Oregon's mean annual temperature is projected to increase by up to 10.7°F by the 2080s (compared to the 1970-1999 average) if we don't act; and

WHEREAS, the entire community will be impacted by climate change, but communities that already face existing socioeconomic and health inequities will be most severely impacted by these risks, including children, older adults, people of color, and people in poverty, and such communities will therefore require an investment in resilience that is proportionate and accountable to these more severe risks; and

WHEREAS, the newly confirmed EPA Administrator Scott Pruitt and President Trump are making decisions that are setting climate policy back decades by defunding environmental programs, attempting to reinvigorate the coal industry, greenlighting major pipeline projects (such as Keystone XL and Dakota Access), attacking the Clean Power Plan, and weakening EPA's commitment to environmental justice; and

WHEREAS, the Oregon Global Warming Commission concluded in its 2017 report to the Legislature that Oregon is not on track to achieve its statutory greenhouse gas reduction goals, specifically to reduce emissions by 10 percent by 2020 and by 75 percent by 2050; and

WHEREAS, the City of Portland has committed to policies opposing new fossil fuel infrastructure because of the inherent dangers to health and safety in extraction, transport, storage, and combustion of fossil fuels which are exacerbated by the specific seismic profile of this region; and

WHEREAS, the economic opportunities presented by a clean energy transition far outweigh the opportunities to expanding the fossil fuel economy; and

WHEREAS, Portland's history of progressive climate action has helped to create a large and globally competitive low carbon industry and made Portland a net exporter of environmental goods and services; and

WHEREAS, the *2015 Climate Action Plan*, adopted by Resolution 37135, found that communities of color and low-income populations have been historically under-served by programs and investments and under-represented in decision making on climate policy; and

WHEREAS, the *2015 Climate Action Plan* commits the City to continue to advance policy and programs to reduce local fossil fuel use both in the City's own operations and through community-wide initiatives; and

WHEREAS, the *2015 Climate Action Plan* supports the use of tools and strategies to engage impacted communities, minimize harms and hazards and ensure economic, social, and environmental benefits are shared by low-income populations and communities of color; and

WHEREAS, community-based development of environmental infrastructure, such as the June Key Delta Center and Let Us Build Cully Park! Initiative, is an emerging best practice for ensuring that economic, social, and environmental benefits are led and shared by low-income populations and communities of color; and

→ WHEREAS, it is imperative that energy consumers and the utilities serving them take early action to reduce carbon emissions given the accelerating rate climate change the planet is experiencing, and shifting to 100% of clean energy sources from electricity by 2035 is within reach; and

WHEREAS, achieving these goals will require action at all levels: individual and community, local and state government, businesses and utilities; and

WHEREAS, one sector alone, solar energy, accounts for over 300,000 jobs in the United States, and over 4,000 jobs in Oregon, more than double the number of the jobs at fossil fuel power plants; and

WHEREAS, "renewable energy" includes energy derived from wind, solar, existing and low-impact hydroelectric, geothermal, biogas, and wave technology sources. These sources of energy have significant public health co-benefits associated that can help address pressing environmental justice challenges in sensitive communities in Oregon and around the country; and

WHEREAS, "renewable energy" specifically excludes energy derived from fossil fuels, nuclear, biomass, incineration of municipal and medical waste, and any large-scale future hydroelectric development; and

WHEREAS, renewable energy must also be sustainable, both in terms of the conservation of fish and wildlife habitat and in the promotion of social justice, therefore our reliance on hydroelectric power requires special consideration; and

→ WHEREAS, no new large hydroelectric operations (>10<sup>MW</sup>) and no new small hydroelectric operations that would degrade native fish habitat are considered renewable energy; and

WHEREAS, access to the financial and environmental benefits of renewable energy must be shared equitably across all economic classes, and this can be achieved through such mechanisms as community-based development of renewable energy infrastructure, equitable pricing structures, community solar programs with low-income carve-outs, non-profit organization leadership, and access to public energy conservation facilities; and

WHEREAS, rooftop solar, low-income community solar, and demand control technologies offer the opportunity to redistribute resources, address poverty, stimulate new economic activity in the City, and lift up those most impacted by high energy costs; and

WHEREAS, extending transit service to be less costly and more accessible to all, and especially to low-income neighborhoods, will bring not only significant greenhouse gas abatement benefits but also cleaner neighborhood air and improved access to employment opportunities; and

WHEREAS, the construction of new fossil fuel infrastructure or expanded reliance on fossil fuels in utility resource mixes adversely impacts a renewable energy powered future and creates financial risk to customers through potential stranded assets; and

→ <sup>E</sup> WHEREAS, electrifying car, truck, and bus fleets will bring similar environmental and economic benefits to City of Portland residents, including lower cost transportation options for low income families; and

WHEREAS, local educational institutions (high schools, community colleges, universities), community-based job training programs, apprenticeship programs, and on-the-job training providers are well situated to train the professionals who will design, implement, install, retrofit, and maintain the renewable energy infrastructure of the future.

NOW, THEREFORE, BE IT RESOLVED, the City establishes a goal to meet 100 percent of community-wide energy needs (including transportation, heating, and electric sectors) with renewable energy by 2050; and

BE IT FURTHER RESOLVED, the City establishes a goal to meet 100 percent of the community's electric energy needs through renewable energy resources by 2035; and

BE IT FURTHER RESOLVED, the City will continue to supply 100 percent of electricity for City operations from renewable energy through a combination of local renewable electricity generation and renewable energy credit purchases (REC); and

BE IT FURTHER RESOLVED, the City will prioritize local generation over the purchase of RECs with the intention of reducing reliance on RECs each year and reaching 100 percent local generation over time; and

BE IT FURTHER RESOLVED, the City will prioritize community-based development of renewable energy infrastructure, meet 50 percent of community-wide energy needs (including transportation, heating, and electricity) via such infrastructure by 2050, and pursue additional policies and partnerships ~~pursue additional policies and partnerships~~ to include low-income residents in the economic, social, and environmental benefits to be derived from the clean energy transition; and

BE IT FURTHER RESOLVED, a renewable energy transition is an opportunity to redress historical inequities in our community and must be just. This means, in part, prioritizing the resources to train and hire people from within communities of color and women that have traditionally been under-represented in renewable energy, energy efficiency, and the workforce needed to implement a successful renewable energy transition; and

BE IT FURTHER RESOLVED, the City will work collaboratively with energy utilities to accelerate the transition to renewable energy and minimize dependence on fossil fuels, expressing the City's preferences for renewable energy goals and opposition to any new fossil fuel power project; and

BE IT FURTHER RESOLVED, the City urges Portland General Electric and Pacific Power to maximize energy efficiency, demand control technologies, energy storage, and renewable energy and avoid any new commitments to ownership of or long-term contracts for electricity derived from fossil-fuel power plants through their Integrated Resource Plan processes because reliance on fossil fuels adversely impacts the renewable energy goals of this resolution; and

BE IT FURTHER RESOLVED, the Bureau of Planning and Sustainability will incorporate strategies to achieve the 100 percent renewable energy goals into the next update to the Climate Action Plan; and

BE IT FURTHER RESOLVED, the Bureau of Planning and Sustainability will report to City Council every two years on progress toward the 100 percent renewable energy goals; and

BE IT FURTHER RESOLVED, the City urges the State of Oregon to adopt 100% renewable energy goals, adopt aggressive carbon pricing policy, amend its energy code to target net-zero energy buildings by 2035, and renew and expand renewable energy incentives; and

BE IT FURTHER RESOLVED, the City will participate in the Public Utility Commission community solar program rulemaking and integrated resource plan processes to advocate for rules that support City goals; and

BE IT FURTHER RESOLVED, the City seeks to collaborate with Multnomah County and Tri-Met to reduce fares for low-income residents while significantly extending service miles and public transit access across City neighborhoods in order to realize both economic, social, and environmental benefits; and

BE IT FURTHER RESOLVED, the City will work with and advocate for Tri-Met to transition to electric bus and other renewable energy powered public transit options as soon as practicable; and

BE IT FURTHER RESOLVED, this resolution is binding City policy.

Adopted by the Council:

Mayor Wheeler  
Prepared by: Nathan Howard  
Date Prepared: 04/18/2017

**Mary Hull Caballero**  
Auditor of the City of Portland  
By

Deputy



Establish goal to transition Portland to 100% renewable energy by 2050 (Resolution)

<b>INTRODUCED BY</b> Commissioner/Auditor: <b>Mayor Wheeler and</b> <b>COMMISSIONER EUDALY</b> <b>COMMISSIONER APPROVAL</b>	CLERK USE: DATE FILED <b>APR 18 2017</b>
Mayor—Finance & Administration – Wheeler <b>KOD</b> Position 1/Utilities - Fritz Position 2/Works - Fish Position 3/Affairs - Saltzman Position 4/Safety - Eudaly <b>[Signature]</b>	Mary Hull Caballero Auditor of the City of Portland  By: <b>[Signature]</b> Deputy
<b>BUREAU APPROVAL</b> Bureau: Bureau Head:	<b>ACTION TAKEN:</b>  <b>APR 26 2017</b> <b>REFERRED TO COMMISSIONER OF FINANCE AND ADMINISTRATION</b>
Prepared by: Nathan Howard Date Prepared: April 17, 2017	
Impact Statement Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/>	
Portland Policy Document If "Yes" requires City Policy paragraph stated in document. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
<b>City Auditor Office Approval:</b> required for Code Ordinances	
<b>City Attorney Approval:</b> required for contract, code, easement, franchise, charter, Comp Plan	
Council Meeting Date <b>April 26, 2017</b>	

<b>AGENDA</b> <b>2412</b>
<b>TIME CERTAIN</b> <input checked="" type="checkbox"/> <b>Start time: 2:15</b>  <b>Total amount of time needed: _____</b> (for presentation, testimony and discussion)
<b>CONSENT</b> <input type="checkbox"/>
<b>REGULAR</b> <input type="checkbox"/> <b>Total amount of time needed: _____</b> (for presentation, testimony and discussion)

FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:		
		YEAS	NAYS
1. Fritz	1. Fritz		
2. Fish	2. Fish		
3. Saltzman	3. Saltzman		
4. Eudaly	4. Eudaly		
Wheeler	Wheeler		