



Portland's Local Energy Assurance Plan



Tricia R. Sears, LEAP Project Manager

Portland Planning and Sustainability Commission

August 9, 2011





What is Energy Assurance?

Energy assurance is a confidence that energy will be available when needed.

To reach that level of security and availability of energy, we must take actions to reduce our vulnerabilities and prepare for an energy disruption.





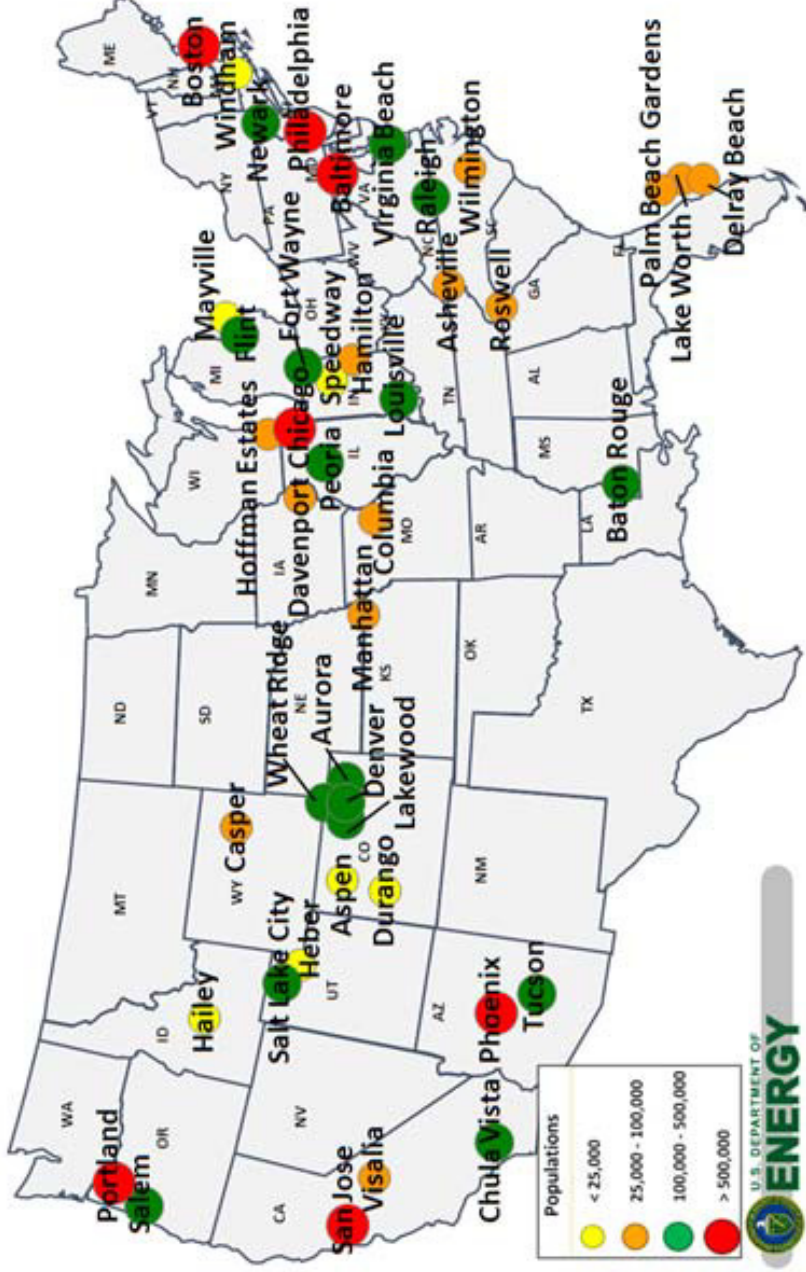
What is the Portland LEAP?

A **plan** that addresses our dependency on energy before (mitigation), during (response) and after (recovery) an energy disruption.

An **emergency plan** that provides an understanding of roles, responsibilities, and response actions for emergency providers and energy distributors.

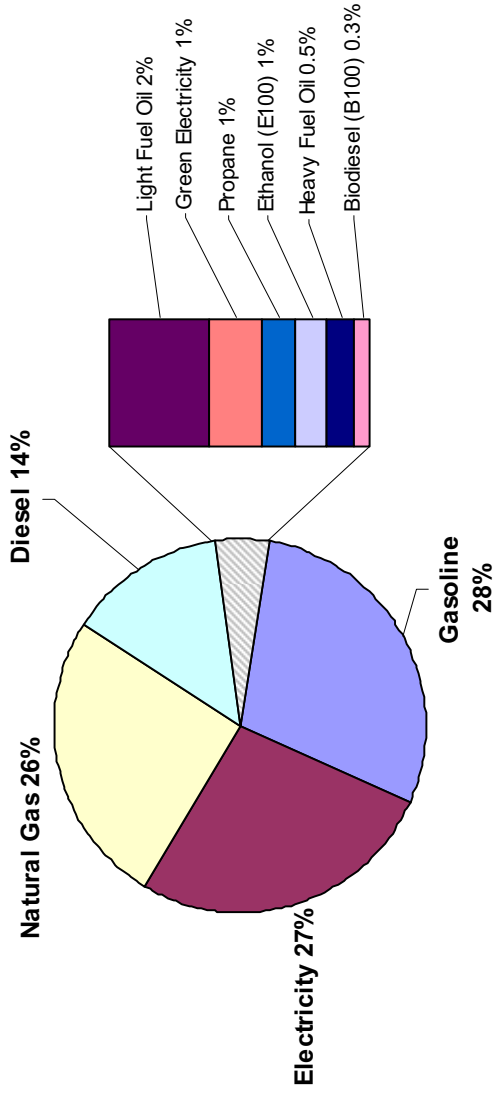


LEAP Cities



Sources of energy used in Portland

Total 2007 Portland Energy Use by Fuel Source
in percent of Millions of BTU

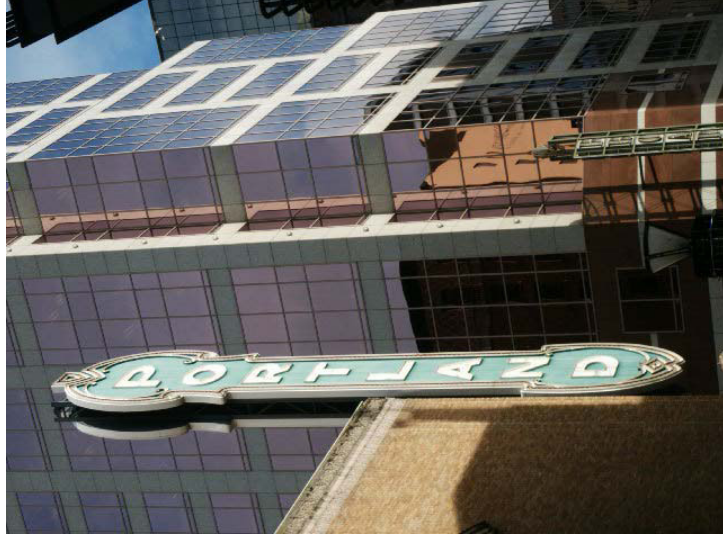


Total energy used from all fuel sources = 105,077,140 Million British Thermal Units (MBTU).

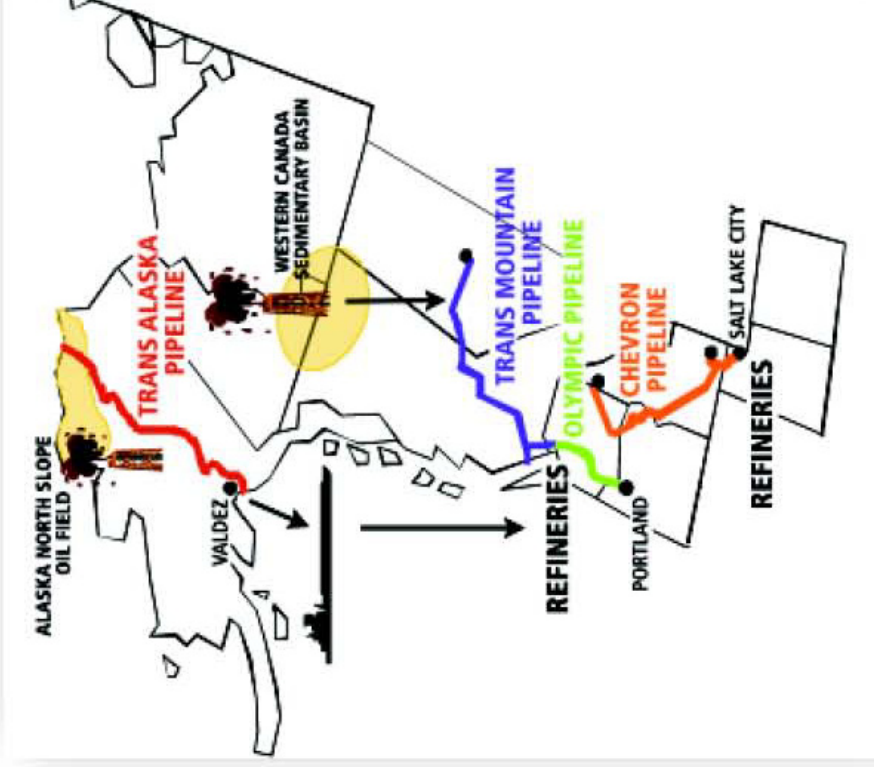


Why Should You Care about LEAP?

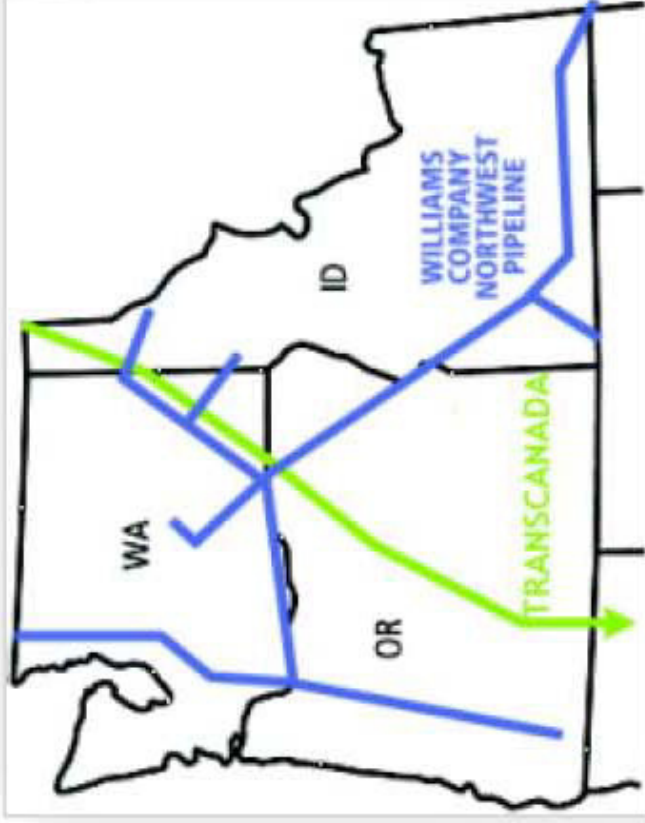
- Energy is the backbone of our economy.
- Portland's energy infrastructure is concentrated primarily in one area – the NW Industrial Area.
- That area is vulnerable to numerous potential hazards.



Oregon's Petroleum Supply



Oregon's Natural Gas Supply



LEAP Project Committees



- Steering
- Industry, Response Agencies and Utilities
- Neighborhood and Small Business
- Environment, Economy, and Alternative Energy

LEAP Aha! Moments



- Access, transportation, debris management
- PBOT, Portland Fire & Rescue, Police Bureau
- Fuel use data
- Alternative energy in emergency management
- Building damage assessment
- Communication, roles and responsibilities



LEAP Outreach

- Portland LEAP web pages
- FAQ, general statement, project handouts
- Presentations
- Business survey, site visits
- Collaborations with State of Oregon
- Table Top Exercise





What will LEAP do for you?

- Portland LEAP doesn't add, subtract or otherwise change rules.
- LEAP analysis will be used so the region can have informed conversation.
- Inspire communication, share resources, and take action to prepare!
- Community-wide plan that is functional, dynamic, and actively used.
- November 2011 Table Top Exercise; March 2012 City Council with our LEAP report.
- Check out our web pages!
<http://www.portlandonline.com/oem/leap>





Energy assurance and sustainability have similar goals!

**Any
questions?**

Contact

Tricia R. Sears

LEAP Project Manager

Phone #503-823-2360

Penny Bowman

LEAP Project Assistant

Phone #503-823-9799

