



# 100 Percent Renewable Energy 1<sup>st</sup> Biennial Report

(Resolution No. 37289)

Portland City Council  
December 12, 2019

Andrea Durbin, Director

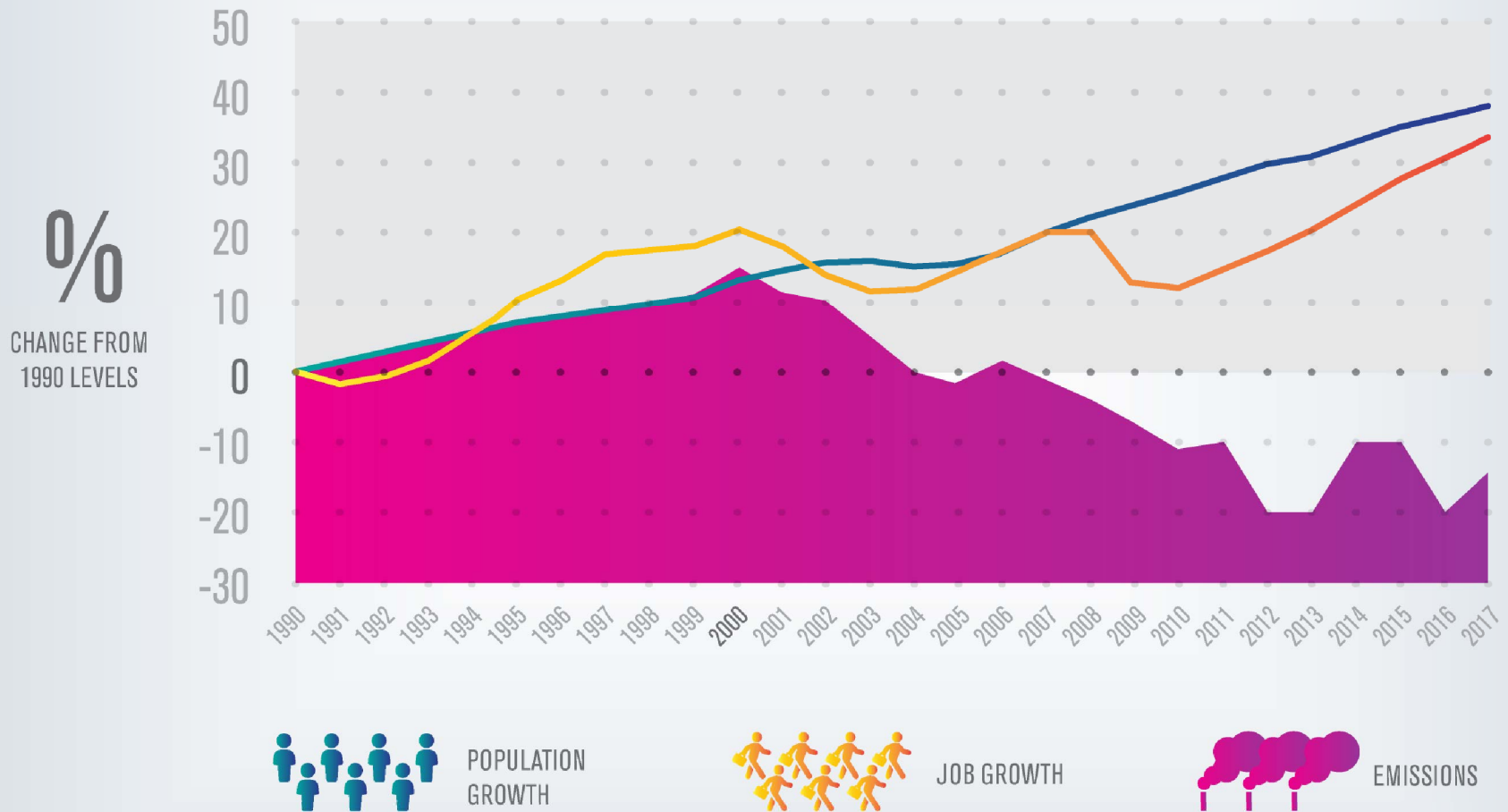
Andria Jacob, Manager, Energy Programs & Policy



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# POPULATION AND JOBS UP / EMISSIONS DOWN



# Resolution Goals

- By 2035
  - 100 percent renewable electricity.
  - 2 percent community-based development.
- By 2050
  - 100 percent renewable transportation and heating.
  - 10 percent community-based development.

# What 100% Renewables Means

- **Reduce** use of all fossil fuels in buildings and reduce need for vehicle trips.
- **Generate** 100 percent renewable electricity.
- **Use** renewable transportation fuels for all remaining vehicle trips.
- **Replace** fossil fuels used to heat buildings with renewable heating fuels.

# A Just Transition



Photo credit: Multnomah County

# Resolution Directives

- Community energy
- Equitable workforce development
- State-level policy intervention
- Utility engagement
- Electric vehicles
- City operations
- Green infrastructure
- Governance



# Finding #1

- Most decarbonization progress to date has taken place in the utility sector.
- City has aided development of new clean energy markets and technology.



# Finding #2

- City, community and technical partners are advancing community-based development of clean energy.



Photo credit: GRID Alternatives



# Finding #3

- City, community and technical partners are advancing transportation electrification.



# Finding #4

- City is enabling and encouraging low-carbon transportation options.



# Finding #5

- City staff have engaged in and influenced state-level policy.



Lawmakers unveil new version of much-anticipated climate legislation

**BEFORE THE PUBLIC UTILITY COMMISSION OF  
OREGON**

UM 1930  
ORDER

DISPOSITION: FINAL ELEMENTS FOR COMMUNITY SOLAR  
PROGRAM ADOPTED

**SB 978**  
**ACTIVELY ADAPTING TO**  
**THE CHANGING**  
**ELECTRICITY SECTOR**

**September 2018**

# Finding #6

- City's influence over renewable energy development is limited, so progress on workforce-related objectives is hard to demonstrate.



# Next Steps: Accelerate and Amplify

- Utilities.
- Transportation.
- Portland Clean Energy Fund.
- City walk its talk.
- Staffing, funding, accountability.





# Thank You



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# Supporting Portland's Path to 100%

Pacific Power is the retail business unit of PacifiCorp, serving Oregon, Washington and California

- Headquartered in Portland's Lloyd District
- Serves 80,000 customers in Portland

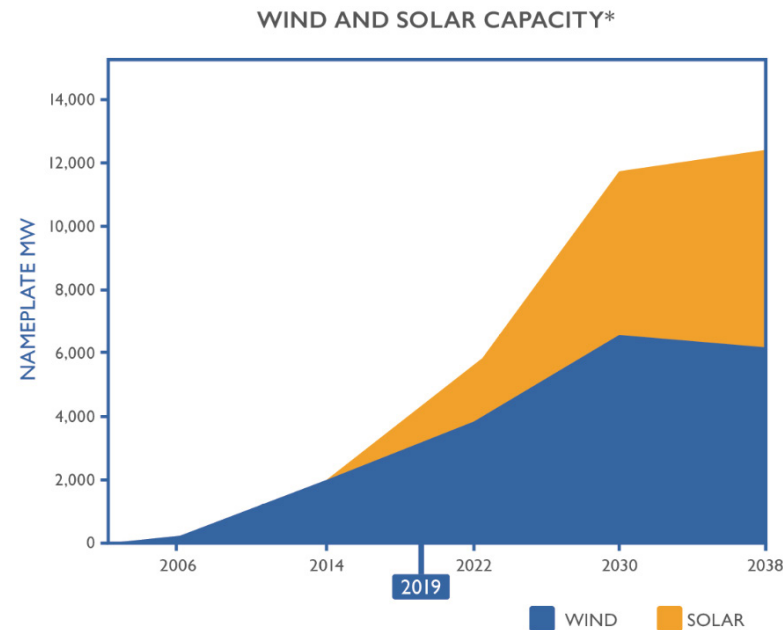
In October, we released our most environmentally significant Integrated Resource Plan (IRP) to date:

- Over 7,000 MW of new renewables
- Retirement of 16 coal units by 2030

We are committed to decarbonize and reach 100% renewable electricity in our home City by 2035

- Custom renewables under Blue Sky Select, expanding electric vehicle programs, energy efficiency, community storage pilot
- No coal in Oregon rates by 2030

Continued support of low-income programming and community-based renewables



\*Total capacity includes 799 MW acquired through customer partnerships supported by purchase of 100% of renewable attributes generated by those resources, resources to be used for renewable portfolio standard compliance, and resources where a portion of the renewable attributes are sold to customers, third-parties, or are excluded from energy purchased.

Learn more at <https://www.pacificpower.net/>