



OREGON
DEPARTMENT OF
ENERGY

Small-Scale & Community- Based Energy Projects Study

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Senate Interim Committee on
Energy and Environment
December 8, 2022



STUDY OF SMALL-SCALE RENEWABLE PROJECTS

HB 2021 directed ODOE to convene a work group-led study on small-scale and community-based renewables.

[HB 2021](#) requires the study to cover:

- Barriers to project development
- Potential economic and resilience benefits
- Access and ownership opportunities
- Potential rate impacts
- Potential legislation to encourage small-scale renewables

Wind



Solar



Geothermal



Biomass / Biogas



Marine Hydrokinetic
(Wave)



Certain Hydropower



Renewable Hydrogen



WORKGROUP MEMBERS BY ORGANIZATION

- Oregon Legislature (Dembrow and Owens)
- Rogue Climate
- Oregon Solar + Storage Industries Association
- Oregon Citizens' Utility Board
- Oregon Clean Power Cooperative
- Energy Trust of Oregon*
- Small Business Utility Advocates
- PacifiCorp
- Exelon
- Portland Bureau of Planning and Sustainability –
Portland Clean Energy Fund
- Portland General Electric
- Oregon Department of Land Conservation and
Development
- Bonneville Power Administration
- Oregon Public Utility Commission
- Emerald People's Utilities District
- Idaho Power
- Lane County Public Works
- Community Renewable Energy Association
- City of Milwaukie
- Coalition of Communities of Color
- Verde
- BlueGreen Alliance
- Central Electric Coop
- City of Prineville
- City of Ashland Electric Utility
- Crook County
- Navajo Power

STUDY WORK GROUP SCHEDULE

Workshop #1 – April 28, 2022

Focus: Ownership and Access

Workshop #2 – June 3, 2022

Focus: Opportunities and Barriers

Workshop #3 – June 28, 2022

Focus: Benefits, Costs, and Rate Impacts

Workshop #4 – July 28, 2022

Focus: Project Recap and Possible Recommendations

Guest Speakers:

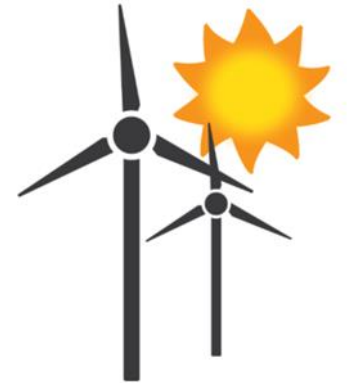
- Energy Trust
- PaTu Wind Farm
- CPUC
- PGE
- PAC
- OPUC
- City of Prineville
- Elemental Energy
- BPA
- Obsidian Renewables
- Navajo Power
- Pine Gate Renewables
- Farm Conservation Alliance
- Solarize Rogue
- Oregon Clean Power Cooperative
- Three Sisters Irrigation
- Bonneville Energy Foundation
- Public Service Commission of Wisconsin

KEY FINDINGS

- Opportunity to achieve important goals, such as:
 - Equity
 - Efficient land use
 - Local energy resilience to extreme weather events
 - Increased local economic performance
- Opportunities exist in every community, but some communities face more barriers.
- Barriers include:
 - Financing & insurance
 - Regulatory hurdles
 - Local capacity and knowledge

GUIDING PRINCIPLES AND RECOMMENDATIONS

- Workgroup identified **guiding principles** to inform the development of potential recommendations to advance small-scale renewables:
 - Assist Oregon in meeting state goals as defined in HB 2021.
 - Promote equitable outcomes, including a promotion of the state's environmental justice goals.
 - Maintain affordable energy / rates for all Oregonians.
 - Promote an equitable distribution of costs and benefits for all Oregonians.
 - Support project transparency.
 - Consider the perspectives of other stakeholders that may differ from one's own perspective.
 - Support economic development in Oregon.
 - Support unique contributions of small-scale projects, including:
 - Local energy resilience
 - Nimbleness due to smaller footprint / scale
 - Community / local ownership
 - Utilization of local available resources, including hydro and bioenergy
 - Waste stream management when waste is used for bioenergy projects





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Questions/Comments?

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<https://www.oregon.gov/energy/Data-and-Reports/Pages/SSREP-Study.aspx>