



Getting Oregon's Small Businesses the Best Energy Future
at a Fair and Reasonable Cost

8/26/20 Webinar

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Small Business Utility Advocates (SBUA)

- A 501(c)(3) that advocates for:
 - Fair electricity rates for small businesses and
 - Getting fair value for the cost small businesses pay for electricity;
- Educates the small business customer, utilities, and the government on small business electricity behavior and needs;
- Informs you on small business opportunities;
- Offers affordable membership to small business; and
- You can easily give input to SBUA on what you want in your electricity rates and service!





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Advocating Small Business Utility Interests

Small businesses are the lifeline of our economy. Utilities should be a tool to help the small business community prosper and thrive.

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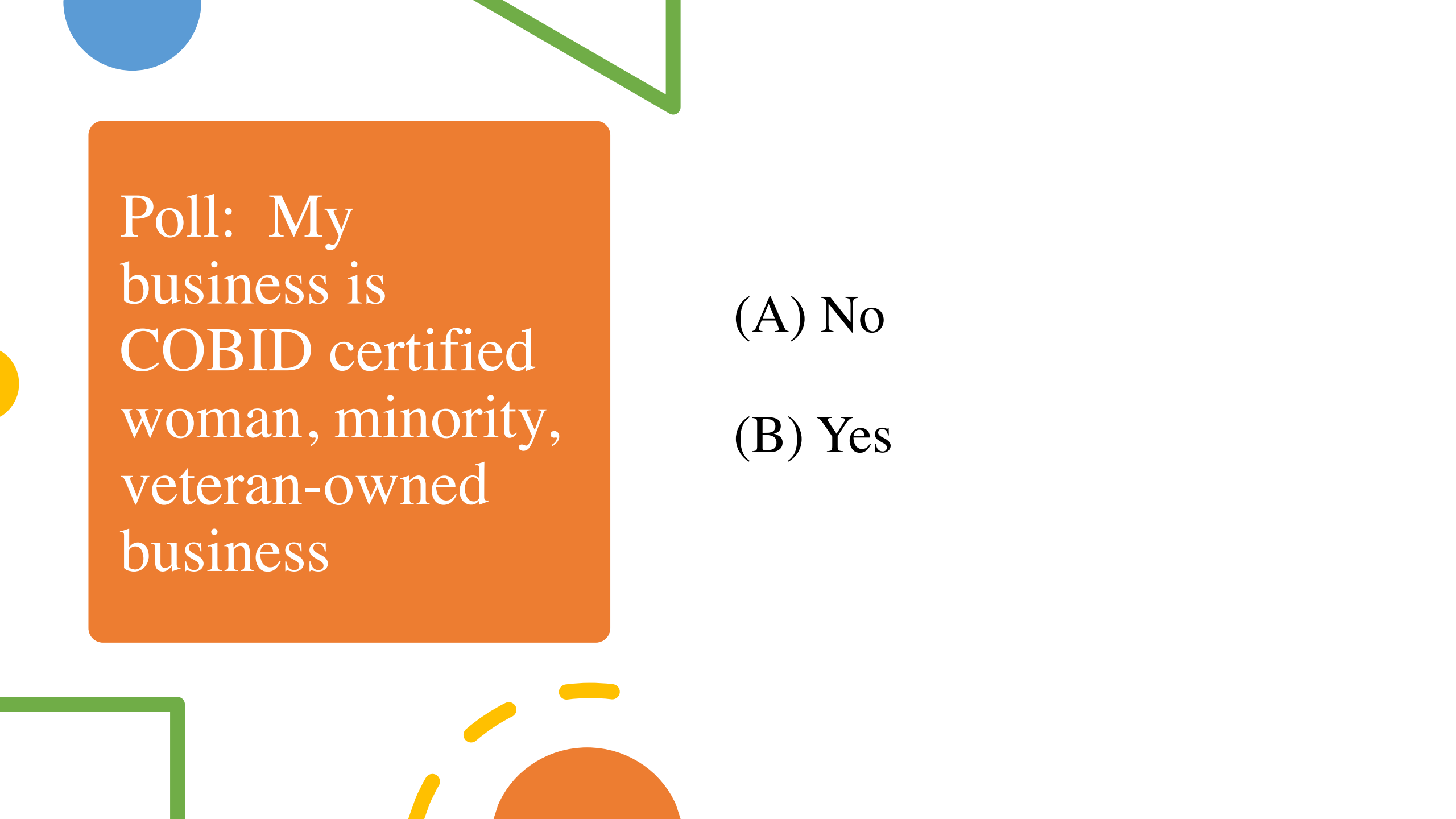
Oregon Small Businesses

- Under 100 employees
- 99% of Oregon businesses**
- 55% of Oregon employees**
- State of Oregon Certification Office of Business Inclusion and Diversity (“COBID”)



SBUA members include:

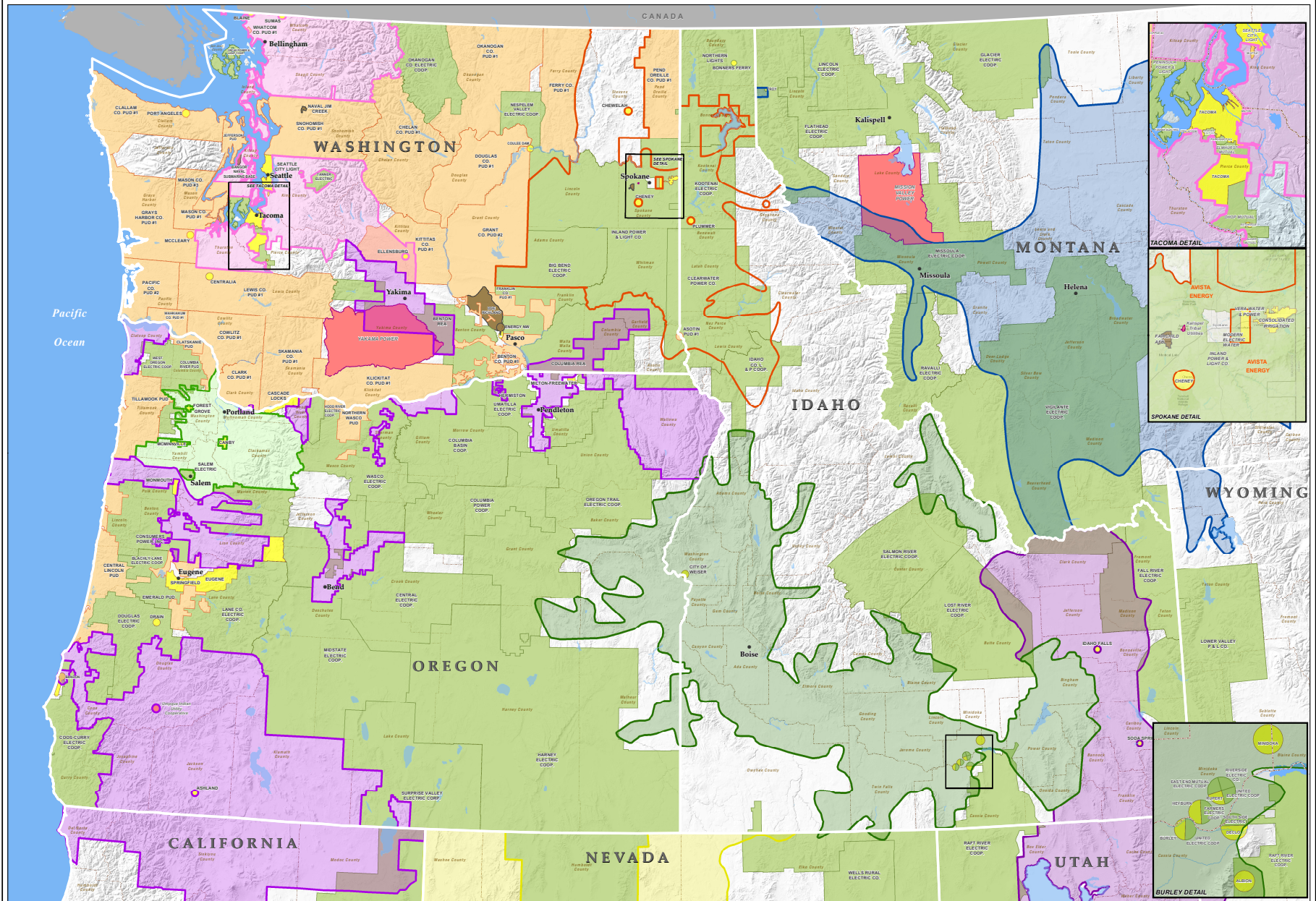
Food and beverage, Professional consulting, Technology entrepreneurs, Shoe repair, Hair salons, Residential and Commercial contractors, Pest management, Commercial agriculture, Commercial cleaning, Glass artists, Jewelers, Bicycling, Wood milling, Multifamily dwellings, and many more



Poll: My
business is
COBID certified
woman, minority,
veteran-owned
business

(A) No

(B) Yes



Public, Tribal and Investor Owned Utility Service Areas

	Tribal Utilities Tribal	Public Utilities Cooperative Public Utility District Municipality Federal	Investor Owned Utilities Avista Energy Idaho Power Company Northwestern Energy PacifiCorp	Portland General Electric Puget Sound Energy Rocky Mountain Power (PacifiCorp) Sierra Pacific Power
	<p style="font-size: small;">This product was made for informational and advisory purposes only and does not constitute any legal advice or representation. It is not intended to be used as a basis for any legal action or to create any legal rights. Bonneville Power Administration. 2020</p>			



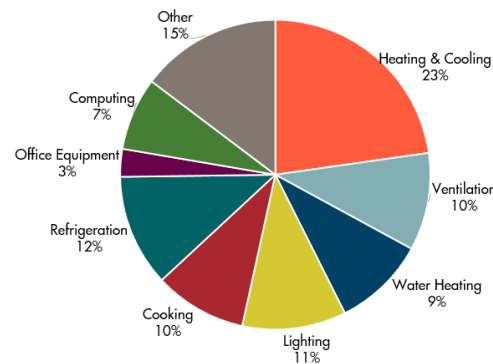
Oregon Department of Energy
 2018 Biennial Energy Report p 45
 Available at: <https://www.oregon.gov/energy/Data-and-Reports/Documents/BER-Chapter-1-Energy-Numbers.pdf>

Oregon's Commercial Sector

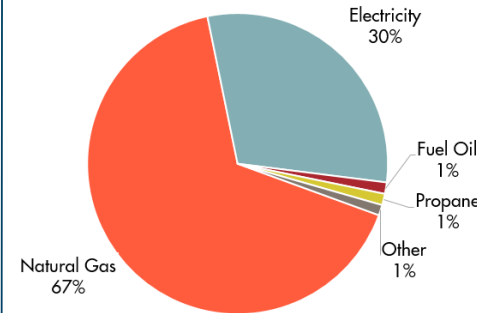
19.3%

Commercial sector's share of total energy use in Oregon

Commercial sector: offices and businesses, government, schools, and other public buildings, hospitals and care facilities, hotels, malls, warehouses, restaurants, and places of worship and public assembly. In the Pacific Northwest, energy — from all sources, including electricity, natural gas, or other fuels — is used for HVAC, lighting, computing, and other commercial needs.



97 percent of Oregon commercial buildings use electricity or natural gas for heating:



Heating, cooling, and ventilation, which is responsible for the largest share of electricity and natural gas use in a commercial building, is provided through central systems, individual units, or a combination of both.

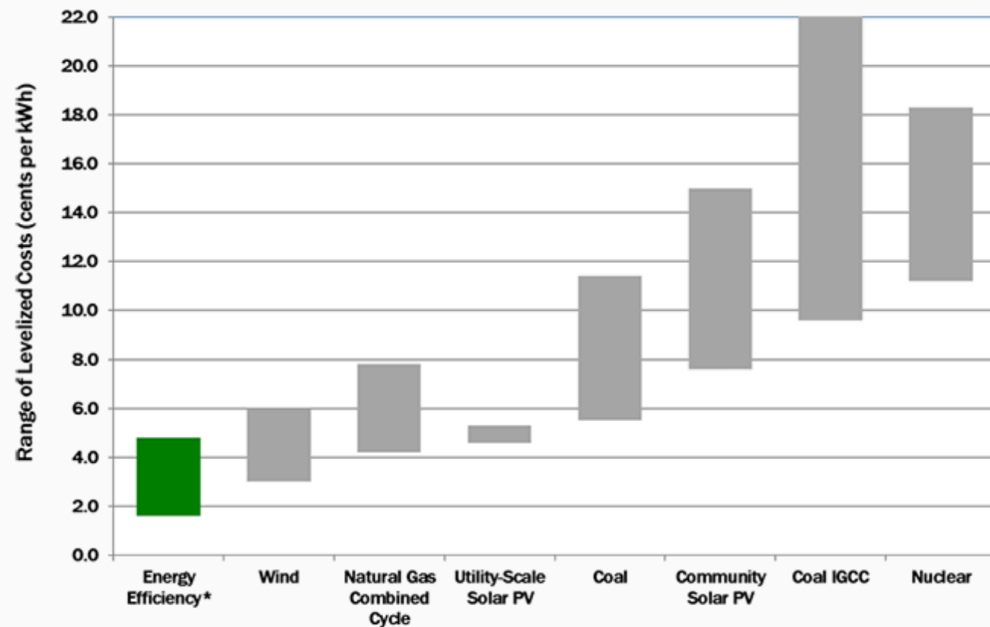
Lighting is the third largest share of energy use. Efficiency and type of lighting are evolving as incandescent and fluorescent lighting is replaced with energy-efficient LEDs.

Oregon's commercial sector has reduced energy use by **8.4 percent since 2000**. The amount of energy used per square foot in the region also decreased:

Energy used per dollar (in 2012 dollars) of economic output in the region has also decreased since 2000:

Costs of Different Forms of Energy

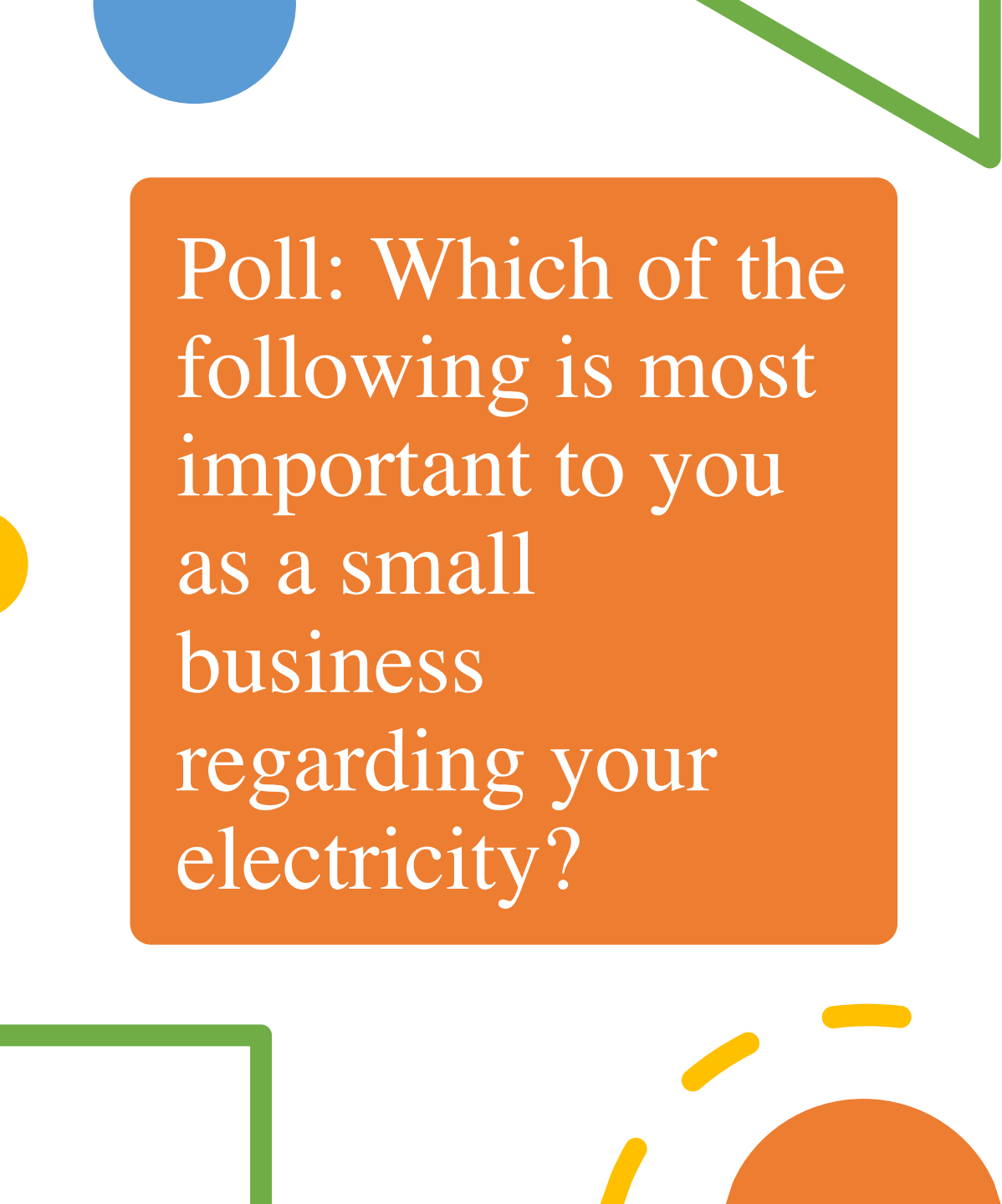
Levelized Cost of Electricity Resources




*Notes: Energy efficiency program portfolio data from Molina 2014; All other data from Lazard 2017. High-end range of coal includes 90% carbon capture and compression.

- Energy Efficiency is usually the cheapest form of energy
 - 2 – 5 cents per kWh
- Electricity generation:
 - Wind: 3 – 6 cents per kWh
 - Utility-Scale Solar PV: 5 cents per kWh
 - Community Solar PV: 8 – 15 cents per kWh
 - Natural Gas: 4 – 8 cents per kWh
 - Coal: 6 – 12 cents per kWh
 - Nuclear: 11 – 18 cents per kWh

*Levelized cost of electricity – measures lifetime costs of an energy source divided by its energy production

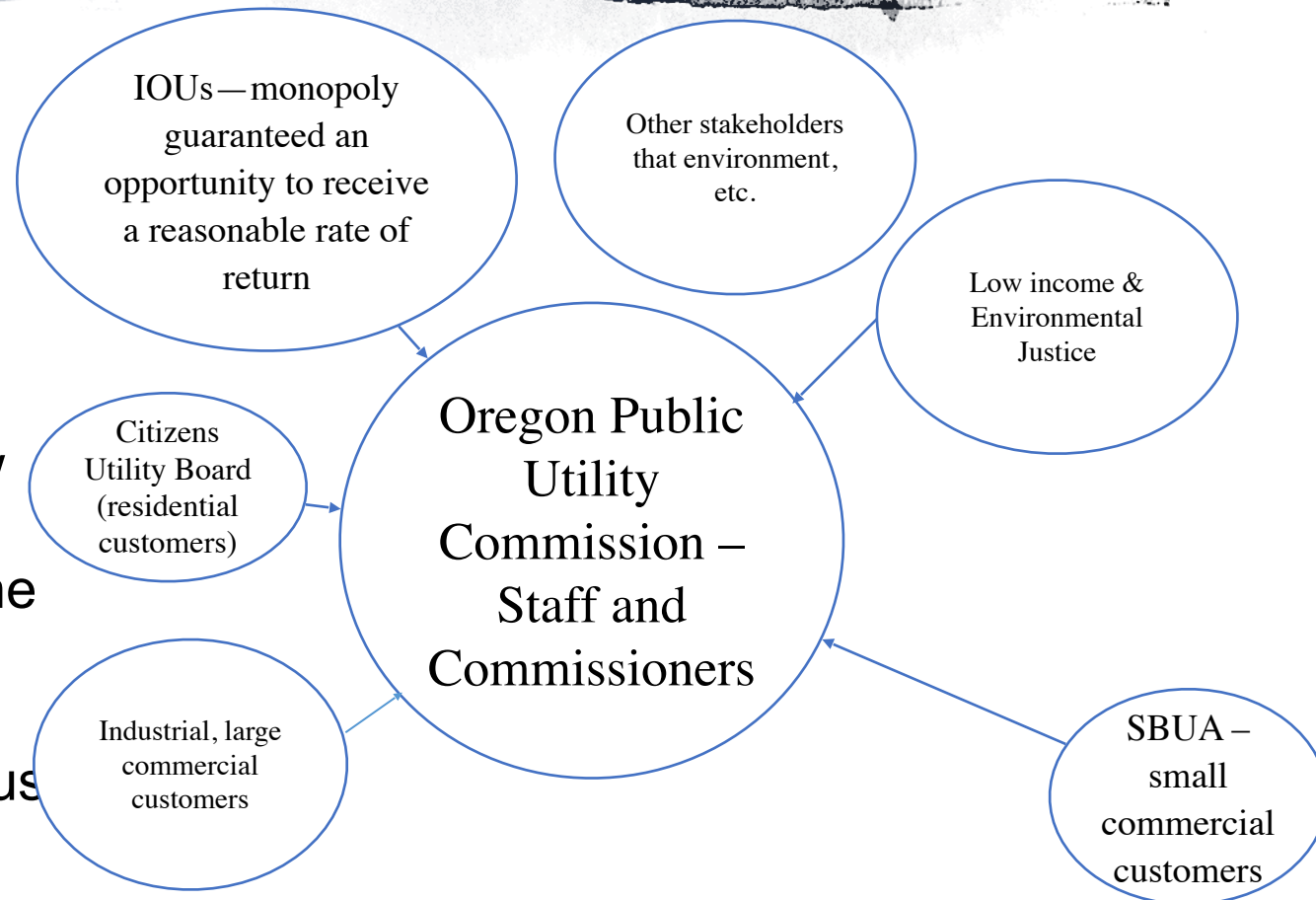


Poll: Which of the following is most important to you as a small business regarding your electricity?

- (A) Price of my electric bill
 - (B) Whether the power is generated by fossil fuels causing greater greenhouse gas emissions or renewable energy
 - (C) Different pricing mechanisms such as time of use pricing
 - (D) Manner of service and reliability of electricity
- 

Electricity prices must be fair and reasonable.

- Residential customers are always represented -by statute
- Industrial customers are always represented by a nonprofit intervenor
- Large commercial (Walmart, Kroger/Fred Meyer, etc.) are represented
- Low income & Environmental Justice now a focus group at the PUC
- Small commercial customers are by far the second most numerous ratepayer group
- SBUA alone only represents small businesses –Tell us what you think & tell us what you want!



Example: PacifiCorp Request for Rate Change

- Electric utility has asked the OPUC to allow increase of customer rates to pay for the utility's infrastructure and work to achieve Oregon's renewable portfolio standard and other state objectives
- Residential and industrial customers are at the table, represented
- Large commercial (Walmart, Fred Meyer, etc.) are at the table, represented
- Chargepoint & Tesla are at the table
- Other private interests are at the table
- SBUA is at the table representing small commercial customers — 83,000 customers

Governor's Executive Order 20-04 and Small Businesses

WHAT THE EO 20-04 DOES:

- Sets new state greenhouse gas emission reduction goals
 - at least 45% below 1990 levels by 2035
 - at least 80% below 1990 levels by 2050
- Creates an Interagency Workgroup on Climate Impacts to Impacted Communities
- Certain agencies have to report to the Governor's Office

QUESTIONS


- What is the impact on small business & how is it measured?
- Is small business represented? How and by whom?
- How to harness assets of small business to achieve Oregon's climate goals?



Poll:

1—As a small business I think about climate change and my business...

2—Oregon should include climate change considerations in state government work (exact phrasing TBD)

- (A) always
 - (B) often
 - (C) sometimes
 - (D) seldom
 - (E) never
- 

Small Business Opportunities from Energy Trust of Oregon (ETO)

Utilities could have a better chance of encouraging efficiency upgrades if they would directly contact small business customers to talk about cost-effective conservation.



Cash incentives for equipment upgrades and retrofits



Cash incentives and technical assistance for new construction, major renovation, tenant improvements, or additions



Cash incentives for multi-family property improvements



Technical assistance, cash incentives, and personalized referrals to qualified local contractors for the installation of solar energy

<https://www.energytrust.org/commercial/>

COVID-19 Impacts on Oregon Small Business



- 10% urban, 30% rural businesses expected not to survive COVID-19
- More than 620,000 U.S. clean energy workers have lost their jobs since March
 - Represents 18.5% of the industry's workforce
 - Includes energy efficiency, renewables, clean vehicles, grid and storage, clean fuels and more
- Oregon PUC is studying impacts and options for utility customers—all welcome to participate

• Statistics re business survival due to COVID-19 from Energy Trust of Oregon meeting notes CAC 4/20 & Prosper Portland listening sessions

• Statistics re U.S. clean energy industry from BW Research for E2, E4TheFuture, and the American Council on Renewable Energy - Find report [here](#)



Poll: COVID-19 Impacts on Small Businesses

- Did you change your workplace (i.e. from office to home)?
- Are you deducting your home office power costs from your home power bill?
- Has your business been unable to or do you anticipate being unable to pay one or more electric bills due to COVID-19?

Pacific Northwest Energy Digest

- See the link to the Pacific Northwest Energy Digest in every SBUA newsletter.

https://docs.google.com/spreadsheets/d/1DB9tF-s1x3Cw0-2UwntObx_birKulM4VFKa1342NUMc/edit?ts=59739eaa#gid=796277172

- Work and other opportunities for small business are highlighted in yellow
- The goal of the Pacific Northwest Energy Digest is to even the information playing field as we move forward to a cleaner energy economy.

Some Opportunities from the Energy Digest:

Portland
Clean
Energy Fund

ETO COVID incentives and bonuses reducing the ROI on efficiency improvements

NEEA & ETO
RFP's & RFQ's

Energy Trust
of Oregon
Trade Ally

ODOE Solar
Dashboard

USDA grants
for business
in rural
Oregon

Portland
Energy
Performance Map

Small Business Energy Saving Tips

Audit	Get an energy audit/consultation (available through Energy Trust of Oregon)
Purchase	Purchase energy efficient appliances/equipment and check Energy Trust of Oregon for incentives/rebates
Turn off	Find and turn off “phantom loads”. Use timers to turn off lights and appliances not needed 24/7. Turn off lights when not in use.
LED	Use energy efficient LED (Light-emitting diode) light bulbs
Power Strip	Use power strips (a.k.a. surge protectors) to shut down equipment such as computers, printers, coffee makers, microwaves, etc. at night
Engage	Engage your employees in energy efficient practices

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<https://utilityadvocates.org/get-involved/>

SBUA WINS:

Proposal by parties to the PacifiCorp Rate Request to the PUC regarding rate spread and rate design for the utility to collaborate with SBUA re small business outreach, and identify data-based solutions for small commercial customers.

Participated in SB 978 utility planning and visioning, participating in Distributed Energy Regulation docket, COVID-19 work, and intervened every year since 2014 to represent small business and small commercial customers.

Five times “case certified” by the Oregon Public Utility Commission as representing small commercial effectively in PUC dockets.

Increasing number and diversity of members, industries, and locations

Staffed SBUA w/expert utility economists, energy law students, volunteer and paid counsel, and SBUA members w/various expertise

ACTION ITEMS:

—Tell SBUA what you want in your electricity and energy uses and service and rates, and opportunities

—Let the PUC, legislators, and energy decision makers know you support SBUA’s aims: fair rates, opportunity to be heard, and work opportunity.

—Participate in SBUA’s once a year annual meeting TBA September or October.

—Join SBUA & Donate to demonstrate support!

Contact Us & Learn more!

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<https://utilityadvocates.org/news-and-resources/>

