



Electricity can be generated in a number of ways. This annual brochure lists the prices, fuel sources and environmental impact of electricity provided to you.

To learn about Pacific Power's implementation plan to comply with Oregon's Renewable Portfolio Standard, visit [pacificpower.net/ORrps](https://www.pacificpower.net/ORrps).

*† The environmental impact charts compare the environmental performance of this electricity product with the average profile for electricity generation in the Northwest, with respect to emission of key air pollutants (SO<sub>2</sub>, NO<sub>x</sub>), toxins (mercury), and greenhouse gases (CO<sub>2</sub>) associated with conventional energy generation. Impacts also occur due to the waste from nuclear power plants, but are not represented in these charts.*

More information about the public health and environmental costs of those emissions can be obtained from the U.S. Environmental Protection Agency at <https://www.epa.gov/energy>, <https://www.epa.gov/environmental-topics/air-topics> and <https://www.epa.gov/ghgemissions/understanding-global-warming-potentials>, or by calling the Oregon Department of Environmental Quality at 503-229-5696.



# Your power sources



# Power source (mix)

During the 2018 calendar year Pacific Power had this mix of power sources (may not add to 100% due to rounding).

Based on energy production and not resource capability, capacity or delivered energy. All or some of the renewable energy attributes associated with wind, solar, biomass, geothermal and qualifying hydro facilities in Pacific Power's power source mix may be: (a) used in future years to comply with renewable portfolio standards or other regulatory requirements, (b) sold to third parties in the form of renewable energy credits and/or other environmental commodities or (c) excluded from energy purchased. Pacific Power's power source mix includes owned resources and purchases from third parties.

For additional information on the resources listed in power source charts, go to [pacificpower.net/ORrps](http://pacificpower.net/ORrps).

# Cost comparison and price formula

We are required to provide price, power source and environmental impact information to customers annually. As an example, the comparison uses rate schedule 48, primary delivery voltage, for a monthly kilowatt-hour (kWh) usage of 1,750,000. The prices used in these examples reflect the energy portion of your bill charged under supply service rate schedules 200, 201 and 202. Prices are current as of April 1, 2020. The prices do not reflect Supply Service adjustment rate, Delivery Service charges, other adjustment rate schedules or local taxes.

# Environmental impact<sup>1</sup>

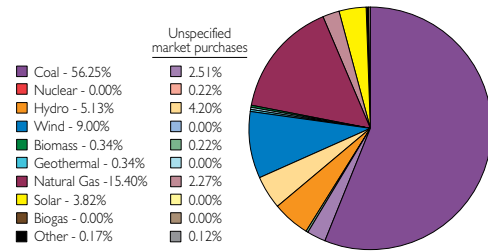
During the 2018 calendar year Pacific Power had the following relative environmental impact per kilowatt-hour compared to the Northwest U.S. average.

The Northwest U.S. is called the Northwest Power Pool (NWPP) and is comprised of all or major portions of the states of Washington, Oregon, Idaho, Wyoming, Montana, Nevada, and Utah; a small portion of Northern California; and the Canadian provinces.



# Basic Service

Service you receive from the company's diverse resource mix.



Pacific Power may save the renewable energy credits associated with the eligible renewable energy (wind, solar, biomass and some hydro) in our Basic Service resource mix to comply with Oregon's Renewable Portfolio Standard beginning in 2011. For more information, visit [pacificpower.net/ORrps](http://pacificpower.net/ORrps).

## Monthly electricity usage

Demand @ \$1.87 per on-peak kW	4,000 kW
On-peak @ 4.93 ¢ per kWh Off-peak @ 4.83 ¢ per kWh	1,750,000 kWh
<b>Energy cost*</b>	<b>\$93,072.50</b>
No additional option charges	
<b>Adjusted energy cost</b>	<b>\$93,072.50</b>

\* Based on 60% on-peak, 40% off-peak

Carbon Dioxide (CO<sub>2</sub>)  
Sulfur Dioxide (SO<sub>2</sub>)  
Nitrogen Oxides (NO<sub>x</sub>)  
Mercury



Less than <<< regional average **100** >>> More than regional average