

Electric Utility Resource Plan

The City's Electric Utility is required by the State of Washington (RCW 19.280.030) to develop an Electric Utility Power Resource Plan and submit it to the Washington State Department of Community, Trade and Economic Development. The Plan assures that future resources are adequate to meet projected loads.

The Plan outlines how Port Angeles will continue to purchase power from the BPA and seeks to increase the level of energy efficiency. The City has long benefited from having access to low-cost electricity from the federal power system.

City of Port Angeles

<< Utility Name

Washington State Utility Resource Plan Year 2022

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	Base Year	5 Yr. Est.	10 Yr Est.
Estimate Year	2021	2026	2031
Period	Annual	Annual	Annual
Units	(MWa)	(MWa)	(MWa)
Loads	46.36	50.53	50.48
Resources:			
Future Conservation/Efficiency		0.30	0.30
Demand Response			
BPA Tier 1 (include BPA PF)	45.97	50.14	50.09
BPA Tier 2			
Non BPA:			
Co-generation			
Hydro (critical water)			
Wind			
Other Renewables			
Thermal-Natural Gas			
Thermal-Coal			
Market Purchase (non BPA)	0.09	0.09	0.09
Other			
Distributed Generation			
Undecided			
Total Resources	46.06	50.53	50.48
Load Resource Balance	-0.30	0.00	0.00

Date of Board/Commission Approval (mm/yy)

Notes: Explain resource choices other than conservation / Use of renewable energy credits in planning / Distributed Generation Sources

RESOURCES: BPA Tier 1 (includes BPA PF) - The City of Port Angeles is a full resource customer of the Bonneville Power Administration. The current BPA contract ends in 2028. This forecast for 2031 assumes the City continues it's power purchase contract with BPA due to low cost and support of the City's energy efficiency. CARBON: The City is complying with all state and federal requirements to decrease carbon in the the City's power supply. As of 2020 (last year available) BPA's power is 94.61% carbon free. In addition, BPA estimates it will maintain a 91% or better carbon-free power over the next ten years.

The City is participating in BPA's new contract-period talks and is pushing for a carbon-free energy product. In the event such a product is not available in the next contract period the City does have the option of meeting the 2030 goal of having a carbon-neutral power by utilizing up to 10% of its load with carbon offsets it can purchase on the open market.