

Snohomish County PUD
Preliminary 2022 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report
Updated 10/30/2023

Step 1	2022
Sales	MWh
Total Retail Load¹	6,780,908
Losses²	246,096
Total Retail Load + Losses	7,027,004

Step 2		2022 Fuel Mix Disclosure	Method Selection	Step 3 Emissions
Resources (MWh)³	Fuel			
Bonneville Power Administration				
BPA Hydro	Hydro	6,246,113		
BPA Wind	Wind	5,227,397	EIA	0
BPA Nuclear	Nuclear	93,292	EIA	0
BPA Unspecified Purchase	Unspecified	665,338	EIA	0
		260,086	Unspecified	113,658
Claims on Power Plants				
Woods Creek	Hydro	799	EIA	0
Hampton	Wood/Wood Waste	30,654	EPA	0
Qualco	Other Biomass - Solids	5,566	EPA	
Arlington Community Solar	Solar	1,218	EIA	
Washington State Ferries - Mukilteo Fe	Solar	278	EIA	
Distributed Generation (Solar)	Solar	228,485	EIA	0
White Creek	Wind	56,664	EIA	
Hay Canyon Wind	Wind	207,508	EIA	0
Wheat Field Wind	Wind	218,980	EIA	
Stimson Lumber	Wood/Wood Waste	9,035	EIA	
Mt. Home Solar	Solar	3,140	EIA	
Cosmo Specialty Fibers	Wood/Wood Waste	5,614	EIA	
Hidden Hollow Energy	Biogas	3,088	EIA	
Sierra Pacific Burlington	Wood/Wood Waste	9,862	EIA	
Total Resources ⁴		7,027,004		

Total Utility Emissions⁵	113,658	Step 4
Utility Emissions Rate (MT/MWh)	0.0162	Step 5

Notes:

Steps correspond to the document "Procedures for Calculating Greenhouse Gas Emissions". For this document see: www.snopud.com/ghgprocedures
The greenhouse gas (GHG) emissions rate used in this report represents the GHG emissions content of the electricity the PUD supplied to its retail customers consistent with state guidelines, that is, Department of Commerce Fuel Mix Disclosure, Department of Ecology GHG Emissions, WA Renewable Portfolio Standards. Industrial and commercial customers may require a different methodology for calculating emissions content based on their business need.

Sales

- Total retail load includes residential, commercial, industrial and street lighting loads.
- Losses are "Total kWh Losses" from Financials, consistent with Department of Commerce guidelines to use losses reported in Energy Information Administration survey EIA-861.

Resources

- Claimed Resources shown are in compliance with Washington State's Fuel Mix Disclosure law and administrative guidelines. Note: As of November 2023, the 2022 Washington State Fuel Mix Disclosure has not been published yet.

4 Total Resources and Total Retail Load + Losses may not add due to rounding

Plant Emissions

- Per RCW 19.405.070(2), the default emissions rate is 0.437 metric tons of carbon dioxide per megawatt hour of electricity.
- The 2020 Utility Emissions Report is available here: [2020 Utility GHG Emissions Report](#)