

Snohomish County PUD
2019 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report
 Updated 3/2/2021

<u>Step 1</u>	2019
<u>Sales</u>	<u>MWh</u>
Total Retail Load¹	6,521,223
Losses²	358,295
Total Retail Load + Losses	6,879,518

<u>Step 2</u>		2019 Fuel Mix Disclosure	Method Selection	<u>Step 3</u>
<u>Resources (MWh)³</u>	<u>Fuel</u>			<u>Emissions</u>
<u>Bonneville Power Administration</u>				
BPA Hydro	Hydro	6,290,841		
BPA Nuclear	Nuclear	5,231,357	EIA	0
BPA Unspecified Purchase	Unspecified	720,591	EIA	0
		338,893	Unspecified	148096.2
<u>Claims on Power Plants</u>				
Condon Windpower LLC	Wind	10,859	EIA	0
Distributed Generation (solar)	Solar	17,328	EIA	0
FPL Energy Vanscycle LLC (WA)	Wind	21,937	EIA	0
Hampton Lumber Mill	Wood/Wood Waste	33,466	EPA	0
Hay Canyon Wind	Wind	207,744	EIA	0
Klondike Wind Power	Wind	5,048	EIA	0
Klondike Wind Power II	Wind	13,683	EIA	0
Payne's Ferry Wind Park	Wind	2,932	EIA	0
Qualco Energy	Other- Biomass Solids	3,502	EPA	0
Thousand Springs Wind Park	Wind	1,483	EIA	0
Wheat Field Wind	Wind	216,470	EIA	0
White Creek Wind	Wind	53,407	EIA	0
Woods Creek	Hydro	811	EIA	0
Total Resources⁴		6,879,511		

Total Utility Emissions⁵	148,096	Step 4
Utility Emissions Rate (MT/MWh)	0.0215	Step 5

Notes:

Steps correspond to the document "Procedures for Calculating Greenhouse Gas Emissions". For this document see: www.snopud.com/ghgprocedures

Sales

1 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, for Snohomish 2019 Fuel Mix report, see

<https://www.commerce.wa.gov/wp-content/uploads/2021/02/FMD-Report-2019-FINAL.pdf>

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: