

**Snohomish County PUD**  
**2018 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report**  
**Updated 4/26/2021**

<u>Step 1</u> Sales	2018 MWh
Total Retail Load <sup>1</sup>	6,487,390
Losses <sup>2</sup>	172,646
<b>Total Retail Load + Losses</b>	<b>6,660,036</b>

<u>Step 2</u>	2018 Fuel Mix Disclosure	Method Selection	<u>Step 3</u> Emissions
Resources (MWh) <sup>3</sup>	Fuel		
<b><u>Bonneville Power Administration</u></b>			
BPA Hydro	Hydro	6,122,196	
BPA Nuclear	Nuclear	5,293,585	EIA 0
BPA Natural Gas	Natural Gas	658,309	EIA 0
BPA Unspecified Purchase	Unspecified	417	Unspecified 182
		169,885	Unspecified 74,240
<b><u>Claims on Power Plants</u></b>			
Distributed Generation (solar)	Solar	15,536	EIA 0
Hampton Lumber Mill	Wood/Wood Waste	35,328	EPA 0
Hay Canyon Wind	Wind	185,648	EIA 0
Hidden Hollow Energy	Landfill Gas	10,206	EPA 0
Klondike Wind Power III	Wind	1,403	EIA 0
Payne's Ferry Wind Park	Wind	35,856	EIA 0
Qualco Energy	Other- Biomass Solids	4,864	EPA 0
Salmon Falls Wind Park	Wind	5,574	EIA 0
Seneca Sustainable Energy LLC	Wood/Wood Waste	1,220	EPA 0
Thousand Springs Wind Park	Wind	8,612	EIA 0
Wheat Field Wind	Wind	180,246	EIA 0
White Creek Wind	Wind	45,748	EIA 0
Woods Creek	Hydro	1,462	EIA 0
Yahoo Creek	Hydro	6,125	EIA 0
Total Resources <sup>4</sup>		6,660,024	

<b>Total Utility Emissions<sup>5</sup></b>	74,422	<b><u>Step 4</u></b>
<b>Utility Emissions Rate (MT/MWh)</b>	0.0112	<b><u>Step 5</u></b>

**Notes:**

Steps correspond to the document "Procedures for Calculating Greenhouse Gas Emissions". For this document see: [www.snopud.com/ghgprocedures](http://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 2018 Fuel Mix report, see

<https://www.commerce.wa.gov/wp-content/uploads/2020/04/Energy-Fuel-Mix-Disclosure-2018.pdf>

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

**Plant Emissions**

5 Per RCW 19.405.070(2), the default emissions rate is 0.437 metric tons of carbon dioxide per megawatt hour of electricity: