

**Snohomish County PUD**  
**2017 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report**  
**Updated 3/2/2021**

<u>Step 1</u> Sales	2017 MWh
Total Retail Load <sup>1</sup>	6,594,136
Losses <sup>2</sup>	252,444
<b>Total Retail Load + Losses</b>	<b>6,846,580</b>

<u>Step 2</u> Resources (MWh) <sup>3</sup>	Fuel	2017 Fuel Mix Disclosure	Method Selection	<u>Step 3</u> Emissions
<b><u>Bonneville Power Administration</u></b>				
BPA Hydro	Hydro	6,675,884		
BPA Natural Gas	Natural Gas	5,838,418	EIA	0
BPA Nuclear	Nuclear	398	Unspecified	174
BPA Unspecified Purchase	Unspecified	586,221	EIA	0
		250,847	Unspecified	109,620
<b><u>Claims on Power Plants</u></b>				
H M Jackson	Hydro	170,690	EIA	0
Hay Canyon Wind Power LLC	Wind	0	EIA	0
Packwood	Hydro	0	EIA	0
Qualco Energy	Other Biomass Solids	0	EPA	0
Roosevelt Biogas 1	Landfill Gas	0	EIA	0
Wheat Field Wind	Wind	0	EIA	0
White Creek Wind	Wind	0	EIA	0
Woods Creek	Hydro	0	EIA	0
Youngs Creek Hydroelectric Project	Hydro	0	EIA	0
<b>Total Resources<sup>4</sup></b>		<b>6,846,574</b>		

<b>Total Utility Emissions<sup>5</sup></b>	109,794	<b>Step 4</b>
<b>Utility Emissions Rate (MT/MWh)</b>	0.0160	<b>Step 5</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 2017 Fuel Mix report, see

<http://www.commerce.wa.gov/wp-content/uploads/2013/01/Energy-Fuel-Mix-Disclosure-Report-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: