

**Snohomish County PUD**  
**2023 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report**  
**Updated 3/25/2025**

<u>Step 1</u>	<b>2023</b>
<u>Sales</u>	<b>MWh</b>
<b>Total Retail Load<sup>1</sup></b>	6,834,653
<b>Losses<sup>2</sup></b>	15,816
<b>Total Retail Load + Losses</b>	<b>6,850,465</b>

<u>Step 2</u>	<b>2023 Fuel Mix Disclosure</b>	<b>Method Selection</b>	<u>Step 3</u>
<b>Resources (MWh)<sup>3</sup></b>	<b>Fuel</b>		<b>Emissions</b>
<b><u>Bonneville Power Administration</u></b>			
BPA Hydro	Hydro	5,934,816	
BPA Nuclear	Nuclear	4,630,164	EIA 0
BPA Unspecified Purchase	Unspecified	667,804	EIA 0
		636,848	Unspecified 278,303
<b><u>Claims on Power Plants</u></b>			
Woods Creek	Hydro	568	EIA 0
Hampton	Wood/Wood Waste	64,366	EPA 0
Arlington Community Solar	Solar	2,706	EIA
Washington State Ferries - Mukilteo Ferry	Solar	414	EIA
Distributed Generation (OR Solar)	Solar	183,668	EIA 0
White Creek	Wind	50,782	EIA
Hay Canyon Wind	Wind	173,497	EIA 0
Wheat Field Wind	Wind	193,603	EIA
Biomass REC Purchases	Wood/Wood Waste	8,934	EIA
Wind REC Purchases	Wind	165,312	EIA
Solar REC Purchases	Solar	12	EIA
Bundled Incremental Hydro Purchase	Hydro	36,625	EIA
Distributed Generation (WA Solar)	Solar	30,554	
Clatskanie T1 Wind REC Purchase	Wind	4,608	
<b>Total Resources<sup>4</sup></b>		<b>6,850,465</b>	

<b>Total Utility Emissions<sup>5</sup></b>	278,303	<b><u>Step 4</u></b>
<b>Utility Emissions Rate (MT/MWh)</b>	0.0406	<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)

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**

1 Total retail load includes residential, commercial, industrial and street lighting loads.

2 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**

3 Claimed Resources shown are in compliance with Washington State's Fuel Mix Disclosure law and administrative guidelines.

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.