

Snohomish County PUD
 2021 Greenhouse Gas Emissions using the Fuel Mix Disclosure Report
 Updated 9/27/2022

<u>Step 1</u> Sales	2021 MWh
Total Retail Load ¹	6,593,771
Losses ²	263,629
Total Retail Load + Losses	6,857,400

<u>Step 2</u>		2021 Fuel Mix Disclosure	Method Selection	<u>Step 3</u> Emissions
Resources (MWh) ³	Fuel			
<u>Bonneville Power Administration</u>				
BPA Hydro	Hydro	6,678,792		
BPA Wind	Wind	5,659,225	EIA	0
BPA Nuclear	Nuclear	40,739	EIA	0
BPA Unspecified Purchase	Unspecified	716,803	EIA	0
		262,025	Unspecified	114,505
<u>Claims on Power Plants</u>				
Jackson	Solar	93,792	EIA	0
Distributed Generation (solar)	Solar	88	EIA	0
Hay Canyon Wind	Wind	84,214	EIA	0
Woods Creek	Hydro	514	EIA	0
Total Resources ⁴		6,857,400		

Total Utility Emissions⁵	114,505	<u>Step 4</u>
Utility Emissions Rate (MT/MWh)	0.0167	<u>Step 5</u>

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

2 in Energy Information Administration survey EIA-861.

Resources

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

3 guidelines, for Snohomish 2020 Fuel Mix report, see

<https://www.commerce.wa.gov/wp-content/uploads/2021/12/Fuel-Mix-CY-2020.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.

6 The 2020 Utility Emissions Report is available here:

[2020 Utility GHG Emissions Report](#)