

# Washington Electric Utility 2021 Fuel Mix Disclosure Report



Department of Commerce

For calendar year 2020

Updated August 2023

**Michael Fong, Director**

# Acknowledgements

**Washington State Department of Commerce**  
Energy Policy Office

---

Austin Scharff, Energy Policy Specialist

Glenn Blackmon, Manager, Energy Policy Office

Liz Reichart, Research and Data

Anna Batie, Research and Data

WASHINGTON ENERGY OFFICE

1011 Plum St. SE  
P.O. Box 42525  
Olympia, WA 98504-2525

[www.commerce.wa.gov](http://www.commerce.wa.gov)

For people with disabilities, this report is available on request in other formats. To submit a request, please call 360.725.4000 (TTY 360.586.0772)

# Table of contents

**Forward .....2**

**About the Washington electric utilities fuel mix .....3**

**Graphs and tables .....5**

**Northwest Power Pool Fuel Mix.....12**

# Forward

The Washington Fuel Mix Disclosure process is designed to provide utilities with an assessment of the mix of fuel sources associated with the generation of the electricity used to serve their customers. The data supporting the process includes tabulated datasets from utilities and public agencies, as well as manually entered data.

If you have any questions about the information contained in this report, contact our office at [energydata@commerce.wa.gov](mailto:energydata@commerce.wa.gov).

# About Fuel Mix

[RCW 19.29A](#) requires Washington electric utilities report to customers the sources of power used to serve them. The law defines how the utility “fuel mix” should be calculated, which fuel categories to use, and how utilities should share this information with customers. Commerce collects the data supporting this effort; the fuel mix values and associated carbon dioxide emissions are calculated and summarized for utility and state level mix information.

## How is a utility's fuel mix determined?

The objective of this process is to inform customers and policy makers about the characteristics of the electricity delivered by each utility to consumers and businesses. Most utilities use electricity from multiple sources, even if they operate their own power plants. In some cases, utilities obtain power without knowing the specific generation source. Power in Washington comes from three sources: Specific power plants, the Bonneville Power Administration (BPA), and unspecified power purchases. Unspecified power is electricity obtained in a transaction where the seller does not identify a specific generating source. These are typically short-term transactions in bulk power markets.

To build a fuel mix picture for each utility, Commerce uses information reported by each utility about the quantity (megawatt-hours, represented as MWh) of electricity from specific generating plants. The fuel source for the specified generating plants is provided by the U.S. Energy Information Administration (EIA). [RCW 19.29A](#) requires that a utility have documentation of ownership or contractual rights from a specific generating facility to report a claim on that resource. To protect against double counting of renewable energy sources, Commerce relies on the ownership of renewable energy certificates as evidence that the utility owns the right to make this claim.

Many utilities serve their retail customers using electricity provided by BPA. BPA provides Commerce with information about the mix of resources used to generate this electricity. PNGC Power, an electric generation and transmission cooperative, also provides information to Commerce on behalf of some member utilities.

## Post-2019 reports

In 2019 the Legislature enacted [Engrossed Substitute House Bill 1428](#) to reform the fuel mix statute ([RCW 19.29A](#)). Commerce requested this legislation to make much-needed updates to the law and to improve the accuracy and timeliness of the reports.

For utility customers, the biggest change was a new category on the disclosure label for “unspecified sources.” Utilities sometimes purchase electricity without requiring that the seller identify the source of that electricity. For example, power transactions to balance supply and demand on an hour-by-hour basis are typically unspecified. Prior to the 2019 change the law had required that Commerce assign fuel shares to this power. Instead, unknown sources are now listed as a separate category.

## What is the source of information for this report?

The primary source of information in this publication is the reports of individual utilities of the source and disposition of electricity supplies. A secondary source is the U.S. Energy Information Administration (EIA) report of generation and fuel consumption data for each power plant in the United States in its report EIA-923. EIA publishes its “early release” version of the EIA-923 report on

approximately July 31 each year for the previous calendar year. The “early release” version is subject to revision after publication. The EIA reports are available at [www.eia.gov/electricity/data/eia923/](http://www.eia.gov/electricity/data/eia923/).

Washington electricity sector emissions are determined using the prorated EIA-923 fuel consumption information for all state power claims in combination with fuel specific emission rate data. Commerce developed a fuel-specific emission rate database using information available from the EIA and the U.S. Environmental Protection Agency.

### **How is information presented in this report?**

State level fuel mix information, expressed as energy (MWh) and fuel type, is presented first. The state level information is the aggregate of all of the calculated individual utility fuel mix values. A state level historical series is also presented. The Northwest Power Pool (NWPP) Generation Mix information is presented next. Following these tables and figures is a full description of the fuel mix for each electric utility in the state.

### Glossary

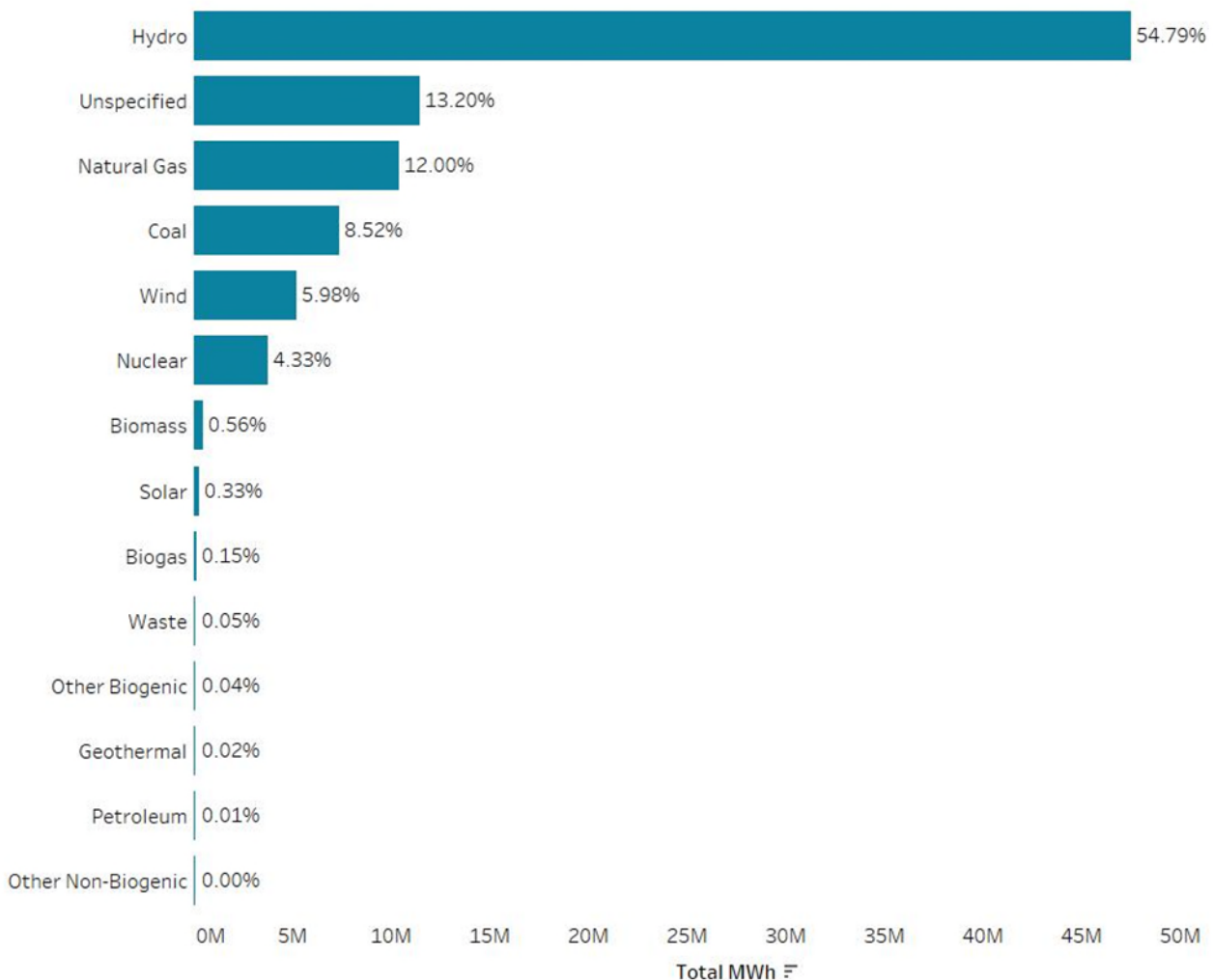
- “Claims on resources” refers to power obtained from specific generation facilities, with fuel source information obtained from the U.S. Energy Information Administration.
- “Unspecified power purchase” refers to power purchases where the generation facility and fuel source information is not known.
- “BPA resource mix” includes only the portion of delivered BPA power that can be attributed to specific plants. The portion of BPA power that cannot be connected with a specified plant or fuel source is labeled as unspecified.
- “BPA claims” includes only the portion of delivered BPA power that can be attributed to specific plants.

# Graphs and tables

The Washington fuel mix is the state aggregate of fuel sources associated with the electricity delivered by all electric utilities to end users in Washington, including Bonneville Power Administration’s direct electricity sales. It includes all electric power that is used to serve retail customers that is owned, purchased under contract, or purchased on the spot market.

Figure 1 presents the fuel sources associated with electricity to end users in Washington for 2020. Hydropower (54.79%) is the largest primary fuel used to produce electricity in the state. Unspecified power is the second largest category (13.20%), followed by natural gas (12%) and coal (8.52%). Table 1 lists the electricity fuel sources by MWh and percent.

**Figure 1: 2020 Aggregate Fuel Mix for Washington Electric Utilities**

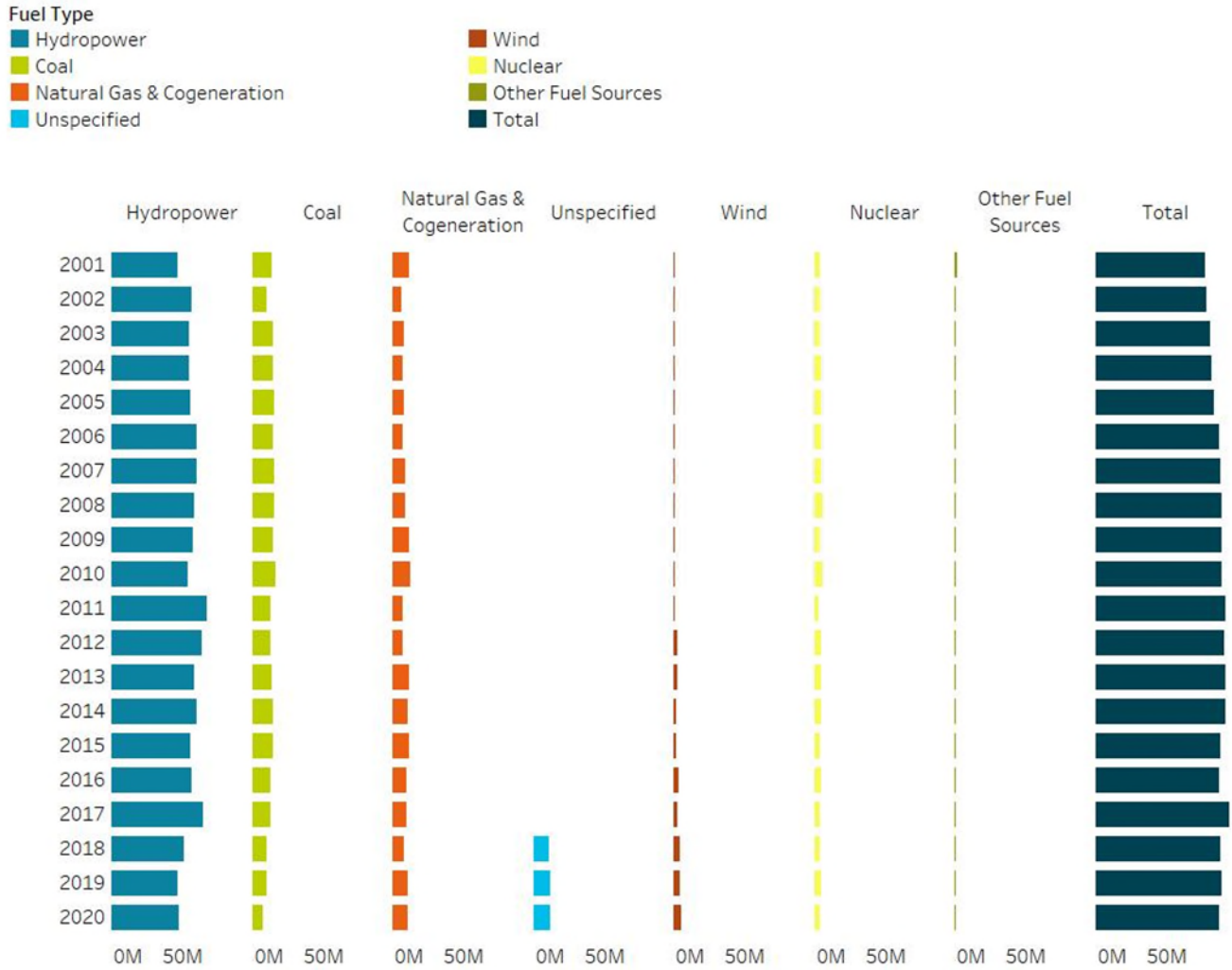


**Table 1: 2020 Aggregate Fuel Mix for Washington Electric Utilities**

Fuel type	Total electric power MWh	Share of total
Hydro	47,490,784	54.79%
Unspecified power	11,442,378	13.20%
Natural gas	10,402,498	12.00%
Coal	7,385,036	8.52%
Wind	5,180,571	5.98%
Nuclear	3,754,829	4.33%
Biomass	482,183	0.56%
Solar	288,595	0.33%
Biogas	133,530	0.15%
Waste	42,741	0.05%
Other biogenic	37,253	0.04%
Geothermal	21,528	0.02%
Petroleum	11,451	0.01%
Total	86,673,377	100%



Figure 2: Aggregate Fuel Mix Time Series (MWh) for Washington Electric Utilities<sup>1</sup>



<sup>1</sup> As described above, the method of reporting claims on unspecified sources changed in 2018. Before 2018, the fuel mix law required that Commerce assign a fuel mix to unspecified sources based on regional data.

**Table 2: Aggregate Fuel Mix Time Series (MWh) for Washington Electric Utilities**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Hydropower	45,853K	56,340K	53,850K	54,132K	55,342K	59,610K	59,204K	58,236K	57,215K	53,412K
Natural Gas	5,909K	2,634K	4,371K	4,662K	5,325K	4,553K	6,302K	7,386K	9,979K	10,476K
Unspecified										
Coal	13,248K	10,076K	14,336K	14,459K	14,860K	14,245K	14,867K	15,035K	14,673K	15,955K
Wind	24K	163K	321K	346K	433K	867K	546K	1,011K	588K	567K
Nuclear	3,975K	3,859K	3,726K	4,591K	4,404K	4,513K	4,326K	5,084K	3,654K	5,431K
Biomass	938K	392K	435K	537K	587K	393K	461K	415K	445K	492K
Solar										
Landfill Gas	71K	221K	75K	134K	81K	58K	49K	23K	16K	19K
Waste	237K	23K	139K	103K	151K	332K	289K	277K	296K	333K
Other		234K	7K	37K	31K	11K	13K	19K	29K	29K
Geothermal	159K					14K	11K	17K	19K	17K
Petroleum	490K	22K	35K	53K	44K	62K	69K	70K	94K	81K
Cogeneration	5,955K	3,972K	3,590K	2,717K	2,661K	2,767K	2,157K	1,635K	1,867K	1,732K
<b>Total</b>	<b>76,857K</b>	<b>77,937K</b>	<b>80,886K</b>	<b>81,772K</b>	<b>83,919K</b>	<b>87,425K</b>	<b>88,294K</b>	<b>89,207K</b>	<b>88,876K</b>	<b>88,544K</b>
	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Hydropower	66,847K	62,985K	58,074K	59,724K	55,307K	55,698K	63,645K	50,289K	46,496K	47,491K
Natural Gas	5,684K	6,953K	10,823K	9,516K	11,808K	9,937K	10,182K	7,655K	10,878K	10,402K
Unspecified								11,158K	12,063K	11,442K
Coal	12,901K	12,149K	13,520K	14,027K	14,389K	12,800K	12,593K	9,556K	10,069K	7,385K
Wind	1,018K	3,011K	2,859K	2,220K	2,029K	3,661K	2,674K	4,275K	4,145K	5,181K
Nuclear	2,390K	4,239K	4,248K	4,617K	4,022K	4,309K	3,942K	3,791K	4,051K	3,755K
Biomass	447K	311K	261K	300K	401K	676K	562K	418K	440K	482K
Solar		1K	2K	7K	9K	3K	3K	273K	273K	289K
Landfill Gas	49K	84K	61K	104K	133K	148K	122K	185K	182K	134K
Waste	337K	303K	222K	204K	36K	37K	35K	36K	38K	43K
Other	27K	36K	40K	60K	123K	122K	172K	43K	36K	37K
Geothermal	18K	17K	16K	18K	16K			4K	4K	22K
Petroleum	69K	68K	65K	60K	47K	62K	103K	16K	13K	11K
Cogeneration	1,319K	487K	1,127K	927K						
<b>Total</b>	<b>91,106K</b>	<b>90,644K</b>	<b>91,317K</b>	<b>91,783K</b>	<b>88,320K</b>	<b>87,453K</b>	<b>94,033K</b>	<b>87,697K</b>	<b>88,689K</b>	<b>86,673K</b>

Commerce uses the fuel mix data to estimate aggregate carbon dioxide emissions from electricity consumed by Washington customers. This information is used by the Department of Ecology in its statewide inventory of greenhouse gases. Table 3 presents the statewide electric consumption emissions for 2020 by fuel category. Total sulfur dioxide, nitrogen oxide and mercury emissions are shown at the bottom of the table. Figure 3 below presents the carbon dioxide emissions information in chart format. Emissions from coal-fired generation dominate Washington's electric sector carbon dioxide emissions. Figure 4 illustrates the aggregate state carbon dioxide for the electric sector for 2005-2020.

**Table 3: 2020 Aggregate CO2 Emissions by Fuel Type for Washington Electric Utilities**

Fuel type	Short tons	Metric tons
Coal	12,373,844	11,282,533
Natural gas	5,156,558	4,679,272
Other biogenic/non-biogenic	128,506	88,225
Waste	97,223	115,676
Landfill gas	75,717	68,708
Petroleum	67,231	61,007
Total	17,898,047	16,241,422

Other emissions	Short tons	Metric Tons
Sulfur dioxide	32,915	29,869
Nitrogen oxides	30,349	27,540
Mercury (not measured in tons)	273 pounds	

Figure 3: 2020 Aggregate CO2 Emissions by Fuel Type for Washington Electric Utilities

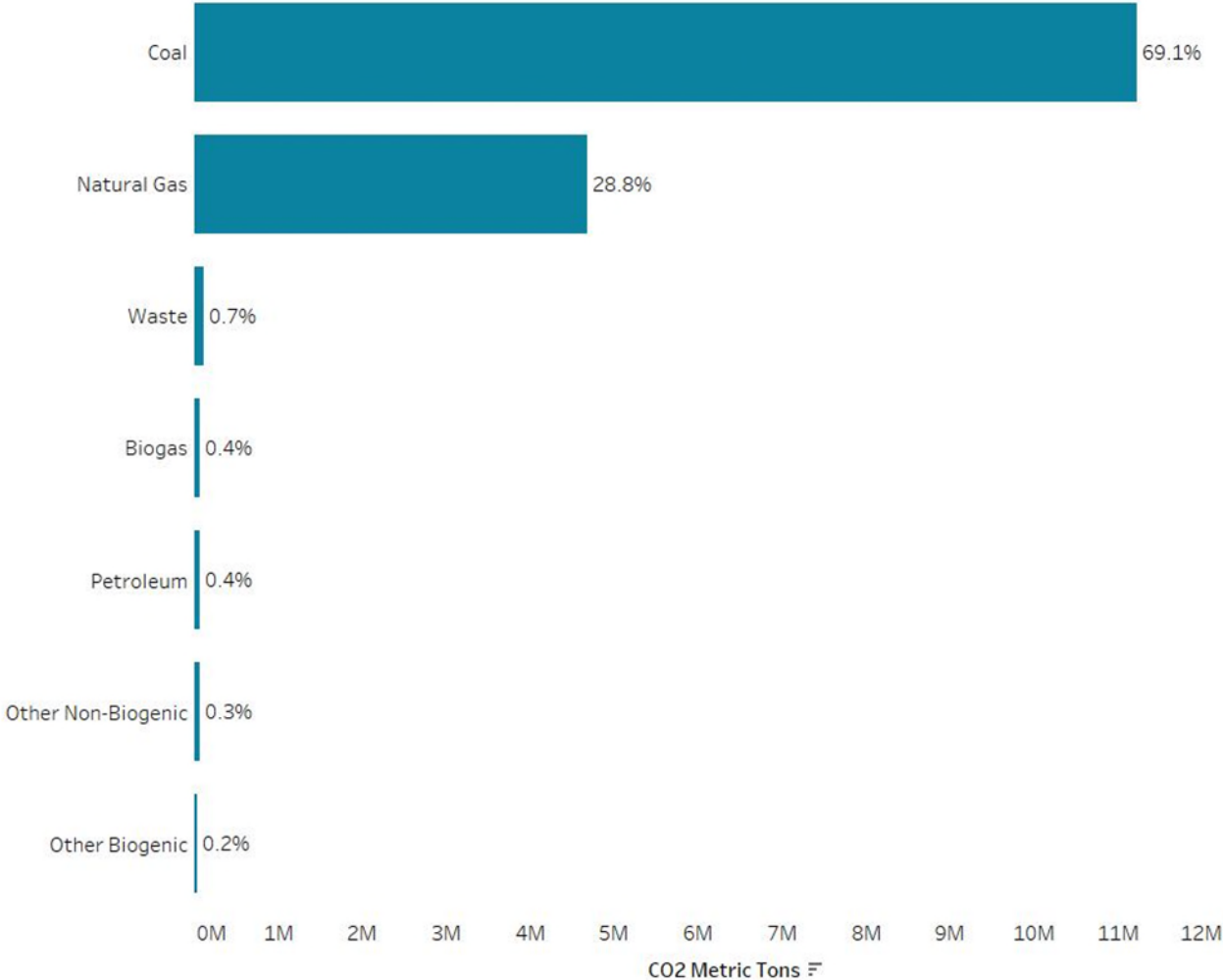
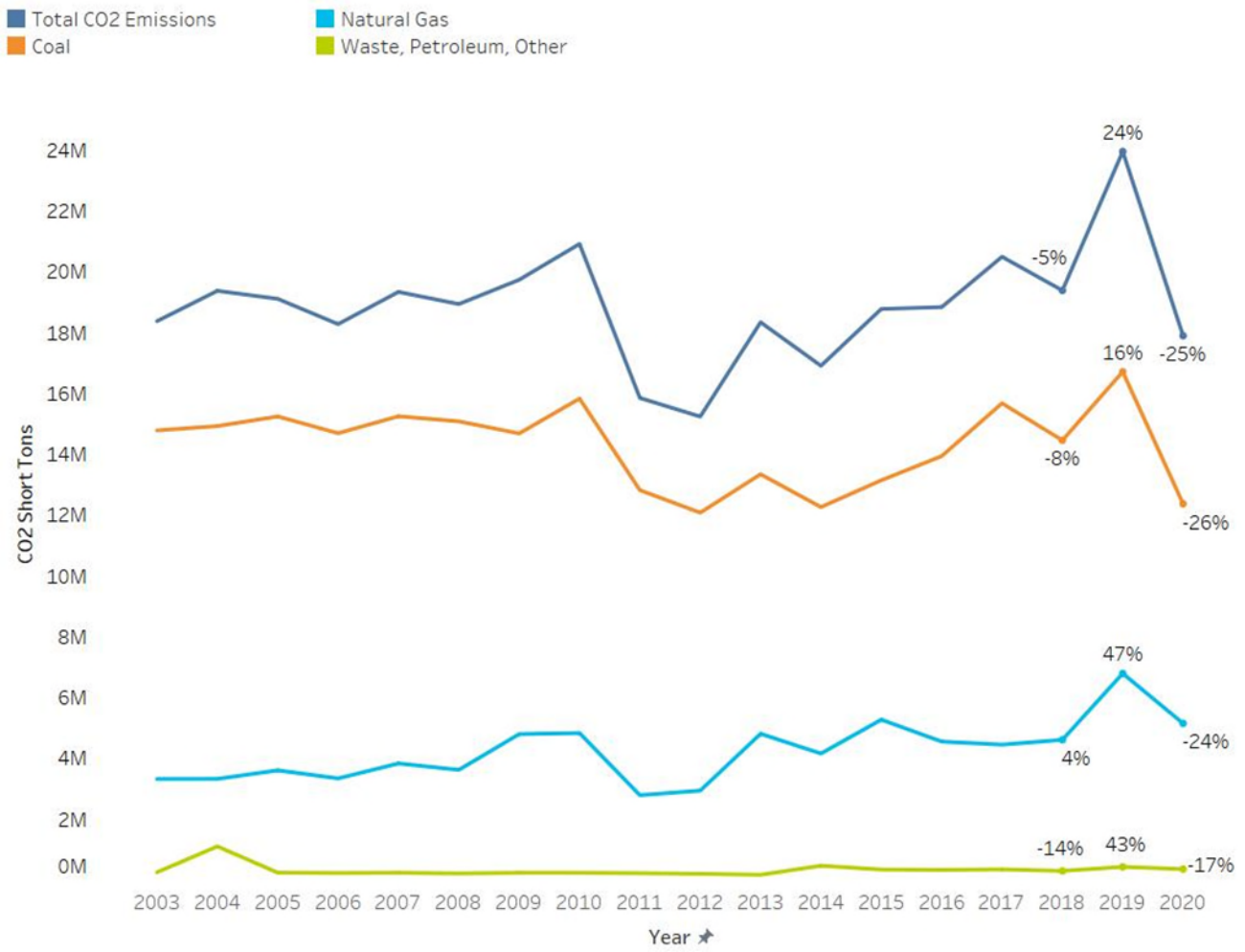


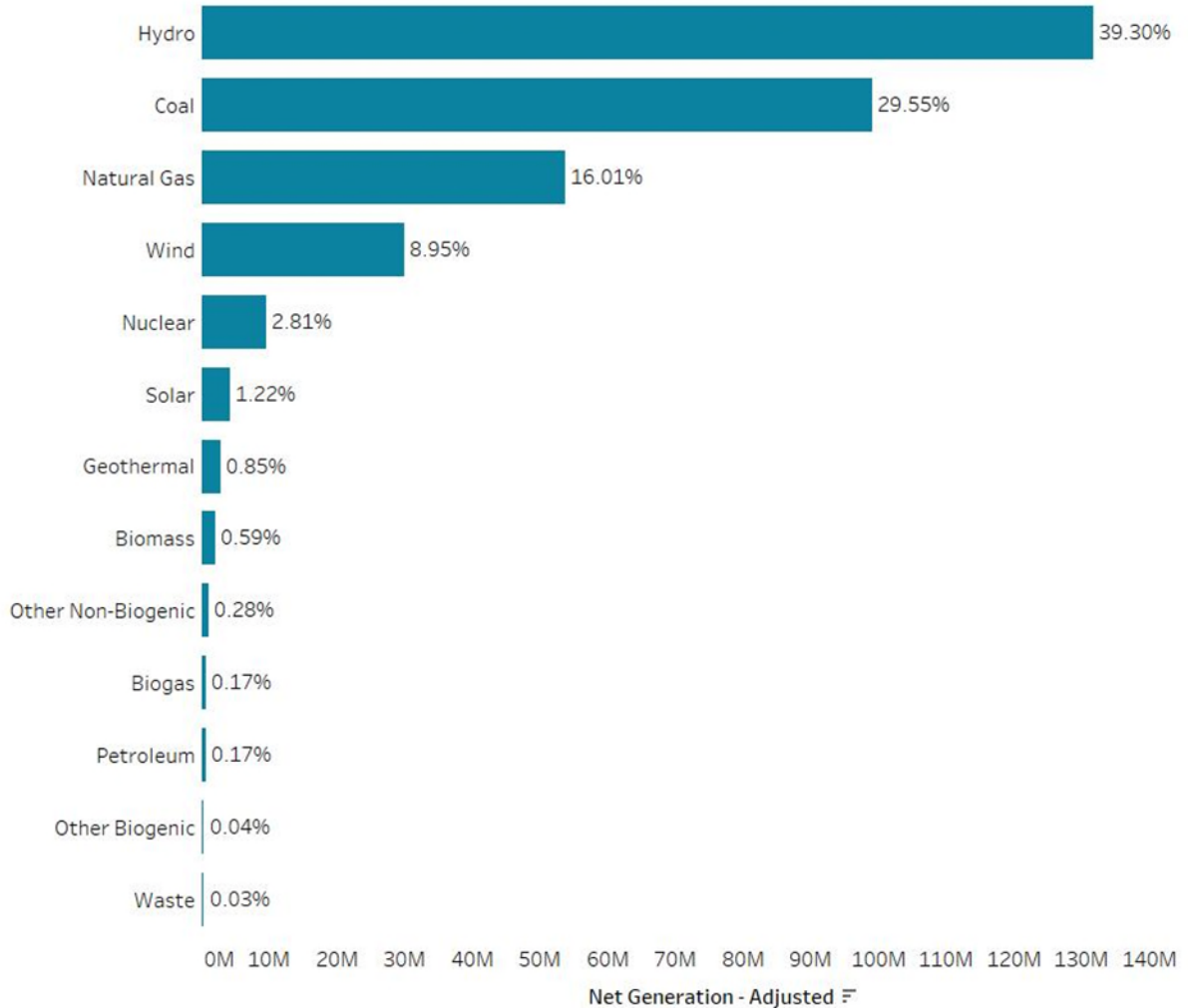
Figure 4: Aggregate CO2 Emissions Time Series by Fuel Type for Washington Electric Utilities



# Northwest Power Pool Fuel Mix

The Northwest Power Pool Fuel Mix for 2020 is presented in Figure 5 and Table 4 below. The Northwest Power Pool includes electric utilities in Washington, Oregon, and Idaho and parts of Montana, Nevada, Utah, and California. Hydropower has the largest share of generation (39.30%), followed by coal (29.55%) and natural gas (16.01%).

**Figure 5: 2020 Northwest Power Pool Generation**



**Table 4: 2020 Northwest Power Pool Generation by Fuel Category<sup>2</sup>**

Fuel category	Net generation (MWh)	Fuel category share
Hydro	131,709,209	39.30%
Coal	99,046,382	29.55%
Natural gas	53,672,274	16.01%
Wind	30,007,166	8.95%
Nuclear	9,427,050	2.81%
Solar	4,101,472	1.22%
Geothermal	2,849,677	0.85%
Biomass	1,981,268	0.59%
Other non-biogenic	954,062	0.28%
Biogas	583,216	0.17%
Petroleum	569,529	0.17%
Waste	113,206	0.03%
Other biogenic	135,503	0.04%
Total	335,150,014	100.00%

---

<sup>2</sup> Net power plant generation is used in the Washington fuel mix disclosure process. Some entities report power as gross generation, which does not include power plant parasitic losses.

Table 5 illustrates carbon dioxide emissions associated with electric power generation in the Northwest Power Pool in 2020. Coal fired electricity generation is the primary source of emissions.

**Table 5: 2020 Northwest Power Pool estimated CO2 Emissions by Fuel Type**

Fuel type	CO2 emissions: Short tons	CO2 emissions: Metric tons
Coal	125,590,812	113,923,984
Natural gas	25,118,624	22,779,579
Petroleum	734,692	666,710
Other	1,122,252	1,018,222
Total	152,566,381	138,388,494



Table 6 illustrates the Northwest Power Pool Net System Mix for 2020. The Net System Mix, also known as the residual mix, is the electric generation remaining after all known claims on generation are made against the Northwest Power Pool total generation shown in Table 4 above. Coal generation comprises the largest share (43.94%), followed by hydropower (34.55%) and natural gas (17.99%). Commerce no longer uses the residual mix in estimating Washington utility fuel mix but presents the information for other potential uses.

**Table 6: 2020 Northwest Power Pool Net System Fuel Mix by Fuel Category**

Fuel type	Net generation (MWh)	Fuel category share	Imputed NSM emissions (Short tons)
Coal	82,259,502	43.94%	104,305,049
Hydro	64,677,521	34.55%	
Natural gas	33,681,367	17.99%	14,295,041
Nuclear	3,710,331	1.98%	
Biomass	1,362,274	0.73%	
Other non-biogenic	950,961	0.51%	888,693
Waste	33,407	0.02%	96,463
Petroleum	547,613	0.29%	641,054
Total	177,707,863	100.00%	108,161,430

**Alder Mutual Light**

**Utility Fuel Mix**

<b>Fuel</b>	<b>Percent</b>	<b>Total MWh</b>
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	4,616
Natural Gas	0.00 %	0
Nuclear	10.92 %	595
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	239
<b>Total</b>	<b>100.00 %</b>	<b>5,450</b>

**BPA Claims**

<b>Fuel</b>	<b>MWh</b>
Hydro	4,616
Nuclear	595
<b>SubTotal</b>	<b>5,211</b>
BPA Unspecified Purchase	240
<b>BPA Total</b>	<b>5,451</b>

## Asotin County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	3,822
Natural Gas	0.00 %	0
Nuclear	10.92 %	493
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	198
<b>Total</b>	<b>100.00 %</b>	<b>4,513</b>

### BPA Claims

Fuel	MWh
Hydro	3,822
Nuclear	493
<b>SubTotal</b>	<b>4,315</b>
BPA Unspecified Purchase	198
<b>BPA Total</b>	<b>4,513</b>

## Avangrid (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	0.00 %	0
Natural Gas	0.00 %	0
Nuclear	0.00 %	0
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	100.00 %	134
<b>Total</b>	<b>100.00 %</b>	<b>134</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	134
<b>Total</b>	<b>134</b>

## Avista (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	5.21 %	302,861
Coal	13.01 %	756,088
Geothermal	0.00 %	0
Hydro	33.87 %	1,968,825
Natural Gas	39.98 %	2,324,914
Nuclear	0.00 %	0
Other Biogenic	0.60 %	34,971
Other Non-Biogenic	0.00 %	0
Petroleum	0.01 %	871
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.74 %	42,741
Wind	1.65 %	95,946
Unspecified	4.93 %	286,393
<b>Total</b>	<b>100.00 %</b>	<b>5,813,610</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	286,394
<b>Total</b>	<b>286,394</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Boulder Park	Natural Gas	29,861	29,861
Cabinet Gorge	Water	236,205	236,205
Clearwater Paper IPP Lewiston	Black Liquor	170,795	
	Wood/Wood Waste Solids	47,372	
	Natural Gas	46,672	
	Distillate Fuel Oil	0	
	Residual Fuel Oil	0	264,840
Colstrip	Distillate Fuel Oil	822	
	Waste/Other Oil	49	
	Subbituminous Coal	756,088	
	Gaseous Propane	0	756,959
Coyote Springs II	Natural Gas	1,096,276	1,096,276
Kettle Falls Generating Station	Natural Gas	352	
	Wood/Wood Waste Solids	62,038	62,390
Little Falls (WA)	Water	131,834	131,834
Long Lake	Water	311,808	311,808
Meyers Falls	Water	7,164	7,164
Monroe Street	Water	19,576	19,576
Nine Mile	Water	27,780	27,780
Northeast (WA)	Natural Gas	413	413
Noxon Rapids	Water	376,073	376,073
Palouse	Wind	87,193	87,193
Plummer Cogen	Wood/Wood Waste Solids	22,655	22,655
Post Falls	Water	18,141	18,141
Priest Rapids	Water	218,204	218,204

Rathdrum	Natural Gas	106,085	106,085
Rathdrum Power LLC	Natural Gas	1,045,255	1,045,255
Rattlesnake	Wind	8,753	8,753
Rocky Reach	Water	260,524	260,524
Sheep Creek Hydro	Water	5,395	5,395
Spokane Waste to Energy	Non-biogenic Municipal Solid Waste	42,741	
	Biogenic Municipal Solid Waste	34,971	77,712
Upper Falls	Water	13,696	13,696
Upriver Dam Hydro Plant	Water	31,761	31,761
Wells	Water	310,664	310,664
<b>Total</b>		<b>5,527,216</b>	<b>5,527,217</b>

## Benton County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	77.88 %	1,403,185
Natural Gas	0.00 %	0
Nuclear	9.94 %	179,185
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	8.18 %	147,426
Unspecified	4.00 %	72,061
<b>Total</b>	<b>100.00 %</b>	<b>1,801,857</b>

### BPA Claims

Fuel	MWh
Hydro	1,389,416
Nuclear	179,185
<b>SubTotal</b>	<b>1,568,601</b>
BPA Unspecified Purchase	72,062
<b>BPA Total</b>	<b>1,640,663</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	709	709
Cold Springs Windfarm	Wind	990	990
Condon Windpower LLC	Wind	5,031	5,031
Desert Meadow Windfarm	Wind	1,132	1,132
FPL Energy Vansycle LLC (WA)	Wind	4,584	4,584
Hammett Hill Windfarm	Wind	1,039	1,039
Klondike Wind Power	Wind	2,796	2,796
Klondike Windpower III	Wind	23,949	23,949
Mainline Windfarm	Wind	1,089	1,089
Nine Canyon	Wind	39,604	39,604
Packwood	Water	13,060	13,060
Ryegrass Windfarm	Wind	1,022	1,022
Two Ponds Windfarm	Wind	1,093	1,093
White Creek Wind Farm	Wind	22,277	22,277
Wolverine Creek	Wind	5,000	5,000
Yahoo Creek	Wind	37,820	37,820
<b>Total</b>		<b>161,195</b>	<b>161,195</b>

## Benton Rural Electric Assn

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	452,998
Natural Gas	0.00 %	0
Nuclear	10.92 %	58,420
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	23,494
<b>Total</b>	<b>100.00 %</b>	<b>534,912</b>

### BPA Claims

Fuel	MWh
Hydro	452,998
Nuclear	58,420
<b>SubTotal</b>	<b>511,418</b>
BPA Unspecified Purchase	23,495
<b>BPA Total</b>	<b>534,913</b>



## Big Bend Electric Coop

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	79.44 %	479,324
Natural Gas	0.00 %	0
Nuclear	10.25 %	61,815
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	10.31 %	62,205
<b>Total</b>	<b>100.00 %</b>	<b>603,344</b>

### BPA Claims

Fuel	MWh
Hydro	479,324
Nuclear	61,815
<b>SubTotal</b>	<b>541,139</b>
BPA Unspecified Purchase	24,859
<b>BPA Total</b>	<b>565,998</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	37,343
<b>Total</b>	<b>37,343</b>

## Centralia City Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	14.06 %	37,303
Geothermal	0.00 %	0
Hydro	75.07 %	199,125
Natural Gas	0.00 %	0
Nuclear	7.74 %	20,523
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.02 %	42
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	3.11 %	8,254
<b>Total</b>	<b>100.00 %</b>	<b>265,247</b>

### BPA Claims

Fuel	MWh
Hydro	159,139
Nuclear	20,523
<b>SubTotal</b>	<b>179,662</b>
BPA Unspecified Purchase	8,254
<b>BPA Total</b>	<b>187,916</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Transalta Centralia Generation	Distillate Fuel Oil	42	
	Subbituminous Coal	0	
	Refined Coal	37,294	
	Waste/Other Coal	8	37,345
Yelm	Water	39,986	39,986
<b>Total</b>		<b>77,330</b>	<b>77,331</b>

## Chelan County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	99.98 %	1,663,395
Natural Gas	0.00 %	0
Nuclear	0.00 %	0
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	24
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.02 %	327
Unspecified	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>1,663,746</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Chelan	Water	377,119	377,119
Nine Canyon	Wind	327	327
Rock Island	Water	139,054	139,054
Rocky Reach	Water	1,146,131	1,146,131
Stehekin Diesel	Distillate Fuel Oil	24	24
Stehekin Hydro	Water	1,091	1,091
<b>Total</b>		<b>1,663,746</b>	<b>1,663,746</b>

## Cheney Light Department

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	79.44 %	112,151
Natural Gas	0.00 %	0
Nuclear	10.24 %	14,463
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	10.32 %	14,577
<b>Total</b>	<b>100.00 %</b>	<b>141,191</b>

### BPA Claims

Fuel	MWh
Hydro	112,151
Nuclear	14,463
<b>SubTotal</b>	<b>126,614</b>
BPA Unspecified Purchase	5,816
<b>BPA Total</b>	<b>132,430</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	8,760
<b>Total</b>	<b>8,760</b>

## Chewelah Electric Department

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	17,640
Natural Gas	0.00 %	0
Nuclear	10.92 %	2,275
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	915
<b>Total</b>	<b>100.00 %</b>	<b>20,830</b>

### BPA Claims

Fuel	MWh
Hydro	17,640
Nuclear	2,275
<b>SubTotal</b>	<b>19,915</b>
BPA Unspecified Purchase	916
<b>BPA Total</b>	<b>20,831</b>

## City of Blaine

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	68,150
Natural Gas	0.00 %	0
Nuclear	10.92 %	8,789
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	3,535
<b>Total</b>	<b>100.00 %</b>	<b>80,474</b>

### BPA Claims

Fuel	MWh
Hydro	68,150
Nuclear	8,789
<b>SubTotal</b>	<b>76,939</b>
BPA Unspecified Purchase	3,535
<b>BPA Total</b>	<b>80,474</b>

## Clallam County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.90 %	574,455
Natural Gas	0.00 %	0
Nuclear	10.77 %	72,850
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.33 %	29,298
<b>Total</b>	<b>100.00 %</b>	<b>676,603</b>

### BPA Claims

Fuel	MWh
Hydro	564,890
Nuclear	72,850
<b>SubTotal</b>	<b>637,740</b>
BPA Unspecified Purchase	29,297
<b>BPA Total</b>	<b>667,037</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Packwood	Water	9,565	9,565
<b>Total</b>		<b>9,565</b>	<b>9,565</b>

## Clark County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	50.94 %	2,355,224
Natural Gas	29.87 %	1,381,142
Nuclear	6.52 %	301,574
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	3.05 %	140,908
Unspecified	9.62 %	444,855
<b>Total</b>	<b>100.00 %</b>	<b>4,623,703</b>

### BPA Claims

Fuel	MWh
Hydro	2,338,438
Nuclear	301,574
<b>SubTotal</b>	<b>2,640,012</b>
BPA Unspecified Purchase	121,282
<b>BPA Total</b>	<b>2,761,294</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	323,573
<b>Total</b>	<b>323,573</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
BPA--Dedicated Resource Type Sales	Unknown		60,273
Eurus Combine Hills Turbine Ranch 2	Wind	140,908	140,908
Packwood	Water	16,786	16,786
River Road Gen Plant	Natural Gas	1,381,142	1,381,142
<b>Total</b>		<b>1,538,836</b>	<b>1,599,109</b>



## Clearwater Power (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.66 %	18,639
Natural Gas	0.00 %	0
Nuclear	10.92 %	2,404
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.42 %	972
<b>Total</b>	<b>100.00 %</b>	<b>22,015</b>

### BPA Claims

Fuel	MWh
Hydro	18,639
Nuclear	2,404
<b>SubTotal</b>	<b>21,043</b>
BPA Unspecified Purchase	967
<b>BPA Total</b>	<b>22,010</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	5
<b>Total</b>	<b>5</b>

## Columbia Rural Electric Assn (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	77.25 %	290,733
Natural Gas	0.00 %	0
Nuclear	9.96 %	37,494
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	12.79 %	48,140
<b>Total</b>	<b>100.00 %</b>	<b>376,367</b>

### BPA Claims

Fuel	MWh
Hydro	290,733
Nuclear	37,494
<b>SubTotal</b>	<b>328,227</b>
BPA Unspecified Purchase	15,080
<b>BPA Total</b>	<b>343,307</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	33,062
<b>Total</b>	<b>33,062</b>

## Consolidated Irrigation District #19

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	2,087
Natural Gas	0.00 %	0
Nuclear	10.92 %	269
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	108
<b>Total</b>	<b>100.00 %</b>	<b>2,464</b>

### BPA Claims

Fuel	MWh
Hydro	2,087
Nuclear	269
<b>SubTotal</b>	<b>2,356</b>
BPA Unspecified Purchase	108
<b>BPA Total</b>	<b>2,464</b>

## Coulee Dam, Town of

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	14,392
Natural Gas	0.00 %	0
Nuclear	10.92 %	1,856
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	746
<b>Total</b>	<b>100.00 %</b>	<b>16,994</b>

### BPA Claims

Fuel	MWh
Hydro	14,392
Nuclear	1,856
<b>SubTotal</b>	<b>16,248</b>
BPA Unspecified Purchase	746
<b>BPA Total</b>	<b>16,994</b>

## Cowlitz County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	1.54 %	67,647
Coal	0.06 %	2,622
Geothermal	0.00 %	0
Hydro	71.69 %	3,156,681
Natural Gas	0.38 %	16,590
Nuclear	8.80 %	387,284
Other Biogenic	0.03 %	1,151
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	127
Solar	0.01 %	558
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	7.91 %	348,336
Unspecified	9.58 %	421,995
<b>Total</b>	<b>100.00 %</b>	<b>4,402,991</b>

### BPA Claims

Fuel	MWh
Hydro	3,003,040
Nuclear	387,284
<b>SubTotal</b>	<b>3,390,324</b>
BPA Unspecified Purchase	155,751
<b>BPA Total</b>	<b>3,546,075</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	266,245
<b>Total</b>	<b>266,245</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
American Falls Solar	Solar	558	558
Cold Springs Windfarm	Wind	8,933	8,933
Condon Windpower LLC	Wind	6,274	6,274
Desert Meadow Windfarm	Wind	8,934	8,934
FPL Energy Vansycle LLC (WA)	Wind	10,855	10,855
Hammett Hill Windfarm	Wind	8,933	8,933
Harvest Wind Project	Wind	108,594	108,594
High Mesa	Wind	92,794	92,794
Horse Butte Wind I, LLC	Wind	3,357	3,357
Klondike Wind Power	Wind	2,502	2,502
Klondike Windpower III	Wind	16,520	16,520
Longview Fibre	Black Liquor	37,437	
	Wood/Wood Waste Solids	10,572	
	Natural Gas	11,427	59,436
Mainline Windfarm	Wind	8,934	8,934
Nine Canyon	Wind	16,633	16,633
Nippon Dynawave Packaging Longview WA	Distillate Fuel Oil	5	
	Residual Fuel Oil	122	
	Wood/Wood Waste Solids	4,883	
	Natural Gas	5,163	
	Black Liquor	14,756	
	Sludge Waste	1,151	
	Subbituminous Coal	2,622	28,701

Power County Wind Park North	Wind	19,302	19,302
Power County Wind Park South	Wind	17,904	17,904
Priest Rapids	Water	5,888	5,888
Ryegrass Windfarm	Wind	8,933	8,933
Swift 2	Water	141,870	141,870
Two Ponds Windfarm	Wind	8,934	8,934
Wanapum	Water	5,883	5,883
<b>Total</b>		<b>590,673</b>	<b>590,672</b>

## Douglas County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	66.17 %	741,599
Natural Gas	0.00 %	0
Nuclear	0.00 %	0
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	33.83 %	379,204
<b>Total</b>	<b>100.00 %</b>	<b>1,120,803</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	379,204
<b>Total</b>	<b>379,204</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Boardman	Distillate Fuel Oil	0	
	Subbituminous Coal	0	0
Distributed Generation--Hydro (OR)	Water	0	0
Distributed Generation--Natural Gas (OR)	Natural Gas	0	0
Distributed Generation--Solar (OR)	Solar	0	0
Distributed Generation--Wind (OR)	Wind	0	0
Rocky Reach	Water	298,989	298,989
Wells	Water	442,610	442,610
<b>Total</b>		<b>741,599</b>	<b>741,599</b>

## Eatonville Electric Department

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	23,494
Natural Gas	0.00 %	0
Nuclear	10.92 %	3,030
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,219
<b>Total</b>	<b>100.00 %</b>	<b>27,743</b>

### BPA Claims

Fuel	MWh
Hydro	23,494
Nuclear	3,030
<b>SubTotal</b>	<b>26,524</b>
BPA Unspecified Purchase	1,218
<b>BPA Total</b>	<b>27,742</b>



## Ellensburg Electric Division

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	170,796
Natural Gas	0.00 %	0
Nuclear	10.92 %	22,027
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	8,858
<b>Total</b>	<b>100.00 %</b>	<b>201,681</b>

### BPA Claims

Fuel	MWh
Hydro	170,796
Nuclear	22,027
<b>SubTotal</b>	<b>192,823</b>
BPA Unspecified Purchase	8,859
<b>BPA Total</b>	<b>201,682</b>

## Elmhurst Mutual Power & Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	238,201
Natural Gas	0.00 %	0
Nuclear	10.92 %	30,719
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	12,354
<b>Total</b>	<b>100.00 %</b>	<b>281,274</b>

### BPA Claims

Fuel	MWh
Hydro	238,201
Nuclear	30,719
<b>SubTotal</b>	<b>268,920</b>
BPA Unspecified Purchase	12,354
<b>BPA Total</b>	<b>281,274</b>

## Energy Northwest

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	20,276
Natural Gas	0.00 %	0
Nuclear	10.92 %	2,615
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,052
<b>Total</b>	<b>100.00 %</b>	<b>23,943</b>

### BPA Claims

Fuel	MWh
Hydro	20,276
Nuclear	2,615
<b>SubTotal</b>	<b>22,891</b>
BPA Unspecified Purchase	1,051
<b>BPA Total</b>	<b>23,942</b>

## Fairchild Airforce Base

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	37,262
Natural Gas	0.00 %	0
Nuclear	10.92 %	4,806
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,933
<b>Total</b>	<b>100.00 %</b>	<b>44,001</b>

### BPA Claims

Fuel	MWh
Hydro	37,262
Nuclear	4,806
<b>SubTotal</b>	<b>42,068</b>
BPA Unspecified Purchase	1,933
<b>BPA Total</b>	<b>44,001</b>

## Ferry County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	59,888
Natural Gas	0.00 %	0
Nuclear	10.92 %	7,723
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	3,106
<b>Total</b>	<b>100.00 %</b>	<b>70,717</b>

### BPA Claims

Fuel	MWh
Hydro	59,888
Nuclear	7,723
<b>SubTotal</b>	<b>67,611</b>
BPA Unspecified Purchase	3,107
<b>BPA Total</b>	<b>70,718</b>

## Franklin County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	82.66 %	893,085
Natural Gas	0.00 %	0
Nuclear	10.50 %	113,472
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	6.84 %	73,860
<b>Total</b>	<b>100.00 %</b>	<b>1,080,417</b>

### BPA Claims

Fuel	MWh
Hydro	879,876
Nuclear	113,472
<b>SubTotal</b>	<b>993,348</b>
BPA Unspecified Purchase	45,635
<b>BPA Total</b>	<b>1,038,983</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	28,227
<b>Total</b>	<b>28,227</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Distributed Generation--Hydro (WA)	Water	3,436	3,436
Packwood	Water	9,773	9,773
<b>Total</b>		<b>13,209</b>	<b>13,209</b>

## Grant County PUD #2

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	22.42 %	1,172,023
Natural Gas	0.00 %	0
Nuclear	0.10 %	5,371
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.64 %	33,610
Unspecified	76.84 %	4,016,059
<b>Total</b>	<b>100.00 %</b>	<b>5,227,063</b>

### BPA Claims

Fuel	MWh
Hydro	41,647
Nuclear	5,371
<b>SubTotal</b>	<b>47,018</b>
BPA Unspecified Purchase	2,160
<b>BPA Total</b>	<b>49,178</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	4,013,898
<b>Total</b>	<b>4,013,898</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Nine Canyon	Wind	33,610	33,610
PEC Headworks	Water	18,191	18,191
Priest Rapids	Water	521,831	521,831
Quincy Chute	Water	31,584	31,584
Wanapum	Water	558,770	558,770
<b>Total</b>		<b>1,163,986</b>	<b>1,163,986</b>

## Grays Harbor County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.89 %	8,040
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	83.94 %	755,205
Natural Gas	0.00 %	0
Nuclear	10.82 %	97,394
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.35 %	39,168
<b>Total</b>	<b>100.00 %</b>	<b>899,807</b>

### BPA Claims

Fuel	MWh
Hydro	755,205
Nuclear	97,394
<b>SubTotal</b>	<b>852,599</b>
BPA Unspecified Purchase	39,170
<b>BPA Total</b>	<b>891,769</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Sierra Pacific Aberdeen	Wood/Wood Waste Solids	8,040	8,040
<b>Total</b>		<b>8,040</b>	<b>8,040</b>



## Inland Power & Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	80.60 %	843,076
Natural Gas	0.00 %	0
Nuclear	10.39 %	108,726
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	9.01 %	94,274
<b>Total</b>	<b>100.00 %</b>	<b>1,046,076</b>

### BPA Claims

Fuel	MWh
Hydro	843,076
Nuclear	108,726
<b>SubTotal</b>	<b>951,802</b>
BPA Unspecified Purchase	43,726
<b>BPA Total</b>	<b>995,528</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	50,549
<b>Total</b>	<b>50,549</b>

## Jefferson County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	334,525
Natural Gas	0.00 %	0
Nuclear	10.92 %	43,142
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	17,350
<b>Total</b>	<b>100.00 %</b>	<b>395,017</b>

### BPA Claims

Fuel	MWh
Hydro	334,525
Nuclear	43,142
<b>SubTotal</b>	<b>377,667</b>
BPA Unspecified Purchase	17,350
<b>BPA Total</b>	<b>395,017</b>

## Kalispel Tribal Utility

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	23,497
Natural Gas	0.00 %	0
Nuclear	10.92 %	3,030
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,219
<b>Total</b>	<b>100.00 %</b>	<b>27,746</b>

### BPA Claims

Fuel	MWh
Hydro	23,497
Nuclear	3,030
<b>SubTotal</b>	<b>26,527</b>
BPA Unspecified Purchase	1,218
<b>BPA Total</b>	<b>27,745</b>

## Kittitas County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.55 %	94,855
Natural Gas	0.00 %	0
Nuclear	10.90 %	12,233
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.55 %	5,105
<b>Total</b>	<b>100.00 %</b>	<b>112,193</b>

### BPA Claims

Fuel	MWh
Hydro	94,855
Nuclear	12,233
<b>SubTotal</b>	<b>107,088</b>
BPA Unspecified Purchase	4,919
<b>BPA Total</b>	<b>112,007</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	185
<b>Total</b>	<b>185</b>

## Klickitat County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	75.26 %	376,883
Natural Gas	0.00 %	0
Nuclear	8.57 %	42,921
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	16.17 %	80,958
<b>Total</b>	<b>100.00 %</b>	<b>500,762</b>

### BPA Claims

Fuel	MWh
Hydro	332,816
Nuclear	42,921
<b>SubTotal</b>	<b>375,737</b>
BPA Unspecified Purchase	17,261
<b>BPA Total</b>	<b>392,998</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	63,697
<b>Total</b>	<b>63,697</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
McNary Dam Fish Attraction Project	Water	41,280	41,280
Packwood	Water	2,787	2,787
<b>Total</b>		<b>44,067</b>	<b>44,067</b>

## Lakeview Light & Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	218,245
Natural Gas	0.00 %	0
Nuclear	10.92 %	28,146
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	11,319
<b>Total</b>	<b>100.00 %</b>	<b>257,710</b>

### BPA Claims

Fuel	MWh
Hydro	218,245
Nuclear	28,146
<b>SubTotal</b>	<b>246,391</b>
BPA Unspecified Purchase	11,320
<b>BPA Total</b>	<b>257,711</b>

## Lewis County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	79.37 %	748,174
Natural Gas	0.00 %	0
Nuclear	10.18 %	95,975
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	6.36 %	59,989
Unspecified	4.09 %	38,597
<b>Total</b>	<b>100.00 %</b>	<b>942,735</b>

### BPA Claims

Fuel	MWh
Hydro	744,198
Nuclear	95,975
<b>SubTotal</b>	<b>840,173</b>
BPA Unspecified Purchase	38,599
<b>BPA Total</b>	<b>878,772</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Burton Creek Hydro	Water	1,618	1,618
Fossil Gulch	Wind	12,551	12,551
Klondike Windpower III	Wind	1,260	1,260
Mill Creek	Water	760	760
Nine Canyon	Wind	46,178	46,178
Packwood	Water	1,598	1,598
<b>Total</b>		<b>63,965</b>	<b>63,965</b>

## Mason County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	85.70 %	67,503
Natural Gas	0.00 %	0
Nuclear	10.20 %	8,038
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.10 %	3,232
<b>Total</b>	<b>100.00 %</b>	<b>78,773</b>

### BPA Claims

Fuel	MWh
Hydro	62,326
Nuclear	8,038
<b>SubTotal</b>	<b>70,364</b>
BPA Unspecified Purchase	3,232
<b>BPA Total</b>	<b>73,596</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Lilliwaup Falls Generating	Water	4,750	4,750
Rocky Brook Hydroelectric	Water	427	427
<b>Total</b>		<b>5,177</b>	<b>5,177</b>



### Mason County PUD #3

#### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	82.61 %	573,771
Natural Gas	0.00 %	0
Nuclear	10.47 %	72,761
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.03 %	210
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	2.68 %	18,628
Unspecified	4.21 %	29,262
<b>Total</b>	<b>100.00 %</b>	<b>694,632</b>

#### BPA Claims

Fuel	MWh
Hydro	564,196
Nuclear	72,761
<b>SubTotal</b>	<b>636,957</b>
BPA Unspecified Purchase	29,262
<b>BPA Total</b>	<b>666,219</b>

#### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Condon Windpower LLC	Wind	8	8
Distributed Generation--Solar (WA)	Solar	210	210
Nine Canyon	Wind	8,419	8,419
Packwood	Water	9,575	9,575
White Creek Wind Farm	Wind	10,201	10,201
<b>Total</b>		<b>28,413</b>	<b>28,413</b>

## McCleary Light & Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	26,063
Natural Gas	0.00 %	0
Nuclear	10.92 %	3,361
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,352
<b>Total</b>	<b>100.00 %</b>	<b>30,776</b>

### BPA Claims

Fuel	MWh
Hydro	26,063
Nuclear	3,361
<b>SubTotal</b>	<b>29,424</b>
BPA Unspecified Purchase	1,352
<b>BPA Total</b>	<b>30,776</b>

## Milton Electric Division

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	48,057
Natural Gas	0.00 %	0
Nuclear	10.92 %	6,198
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	2,492
<b>Total</b>	<b>100.00 %</b>	<b>56,747</b>

### BPA Claims

Fuel	MWh
Hydro	48,057
Nuclear	6,198
<b>SubTotal</b>	<b>54,255</b>
BPA Unspecified Purchase	2,491
<b>BPA Total</b>	<b>56,746</b>

## Modern Electric Water Company

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	197,048
Natural Gas	0.00 %	0
Nuclear	10.92 %	25,412
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	10,220
<b>Total</b>	<b>100.00 %</b>	<b>232,680</b>

### BPA Claims

Fuel	MWh
Hydro	197,048
Nuclear	25,412
<b>SubTotal</b>	<b>222,460</b>
BPA Unspecified Purchase	10,221
<b>BPA Total</b>	<b>232,681</b>

## Nespelem Valley Elec Coop

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	55,609
Natural Gas	0.00 %	0
Nuclear	10.92 %	7,172
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	2,884
<b>Total</b>	<b>100.00 %</b>	<b>65,665</b>

### BPA Claims

Fuel	MWh
Hydro	55,609
Nuclear	7,172
<b>SubTotal</b>	<b>62,781</b>
BPA Unspecified Purchase	2,884
<b>BPA Total</b>	<b>65,665</b>

## Northern Lights (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	104
Natural Gas	0.00 %	0
Nuclear	10.92 %	13
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	5
<b>Total</b>	<b>100.00 %</b>	<b>122</b>

### BPA Claims

Fuel	MWh
Hydro	104
Nuclear	13
<b>SubTotal</b>	<b>117</b>
BPA Unspecified Purchase	5
<b>BPA Total</b>	<b>122</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Lake Creek	Water	8	8
<b>Total</b>		<b>8</b>	<b>8</b>

## Ohop Mutual Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	76,896
Natural Gas	0.00 %	0
Nuclear	10.92 %	9,917
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	3,988
<b>Total</b>	<b>100.00 %</b>	<b>90,801</b>

### BPA Claims

Fuel	MWh
Hydro	76,896
Nuclear	9,917
<b>SubTotal</b>	<b>86,813</b>
BPA Unspecified Purchase	3,988
<b>BPA Total</b>	<b>90,801</b>

## Okanogan County Electric Coop

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	79.76 %	53,768
Natural Gas	0.00 %	0
Nuclear	10.29 %	6,934
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	9.95 %	6,711
<b>Total</b>	<b>100.00 %</b>	<b>67,413</b>

### BPA Claims

Fuel	MWh
Hydro	53,768
Nuclear	6,934
<b>SubTotal</b>	<b>60,702</b>
BPA Unspecified Purchase	2,788
<b>BPA Total</b>	<b>63,490</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	3,923
<b>Total</b>	<b>3,923</b>



## Okanogan County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	79.84 %	505,889
Natural Gas	0.00 %	0
Nuclear	6.91 %	43,783
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	13.25 %	83,959
<b>Total</b>	<b>100.00 %</b>	<b>633,631</b>

### BPA Claims

Fuel	MWh
Hydro	339,494
Nuclear	43,783
<b>SubTotal</b>	<b>383,277</b>
BPA Unspecified Purchase	17,610
<b>BPA Total</b>	<b>400,887</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	66,351
<b>Total</b>	<b>66,351</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Boardman	Distillate Fuel Oil	0	
	Subbituminous Coal	0	0
Distributed Generation--Hydro (WA)	Water	0	0
Distributed Generation--Natural Gas (WA)	Natural Gas	0	0
Distributed Generation--Wind (WA)	Wind	0	0
Nine Canyon	Wind	0	0
Wells	Water	166,395	166,395
<b>Total</b>		<b>166,395</b>	<b>166,395</b>

## Orcas Power & Light Coop

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	190,465
Natural Gas	0.00 %	0
Nuclear	10.92 %	24,563
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	9,878
<b>Total</b>	<b>100.00 %</b>	<b>224,906</b>

### BPA Claims

Fuel	MWh
Hydro	190,465
Nuclear	24,563
<b>SubTotal</b>	<b>215,028</b>
BPA Unspecified Purchase	9,879
<b>BPA Total</b>	<b>224,907</b>

## Pacific County PUD #2

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	80.33 %	249,175
Natural Gas	0.00 %	0
Nuclear	10.36 %	32,135
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	9.31 %	28,884
<b>Total</b>	<b>100.00 %</b>	<b>310,194</b>

### BPA Claims

Fuel	MWh
Hydro	249,175
Nuclear	32,135
<b>SubTotal</b>	<b>281,310</b>
BPA Unspecified Purchase	12,923
<b>BPA Total</b>	<b>294,233</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	15,960
<b>Total</b>	<b>15,960</b>

## Pacific Power (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	36.00 %	1,604,372
Geothermal	0.00 %	0
Hydro	13.89 %	619,337
Natural Gas	18.17 %	809,860
Nuclear	0.25 %	11,329
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.02 %	957
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	6.52 %	290,848
Unspecified	25.15 %	1,121,090
<b>Total</b>	<b>100.00 %</b>	<b>4,457,793</b>

### BPA Claims

Fuel	MWh
Hydro	87,846
Nuclear	11,329
<b>SubTotal</b>	<b>99,175</b>
BPA Unspecified Purchase	4,556
<b>BPA Total</b>	<b>103,731</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	1,116,533
<b>Total</b>	<b>1,116,533</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bend	Water	69	69
Campbell Hill Windpower	Wind	25,346	25,346
Chehalis Generating Facility	Distillate Fuel Oil	0	
	Natural Gas	501,928	501,928
Clearwater 1	Water	5,133	5,133
Clearwater 2	Water	4,831	4,831
Colstrip	Gaseous Propane	0	
	Subbituminous Coal	81,060	
	Distillate Fuel Oil	88	
	Waste/Other Oil	5	81,153
Copco 1	Water	15,286	15,286
Copco 2	Water	18,852	18,852
Dunlap	Wind	31,363	31,363
Eagle Point	Water	3,483	3,483
Fall Creek	Water	1,810	1,810
Fish Creek	Water	4,527	4,527
Glenrock	Wind	30,212	30,212
Goodnoe Hills	Wind	26,561	26,561
Hermiston Generating Plant	Natural Gas	307,932	307,932
Iron Gate	Water	17,931	17,931
Jim Bridger	Subbituminous Coal	1,523,313	
	Distillate Fuel Oil	863	1,524,176
John C Boyle	Water	38,336	38,336
Leaning Juniper	Wind	25,711	25,711

Lemolo 1	Water	16,872	16,872
Lemolo 2	Water	20,665	20,665
Marengo Wind Plant	Wind	52,729	52,729
Merwin	Water	102,686	102,686
Prospect 1	Water	2,811	2,811
Prospect 2	Water	37,888	37,888
Prospect 3	Water	3,705	3,705
Prospect 4	Water	586	586
Rolling Hills	Wind	26,997	26,997
Seven Mile Hill	Wind	32,251	32,251
Slide Creek	Water	10,444	10,444
Soda Springs	Water	8,180	8,180
Swift 1	Water	89,043	89,043
Toketee Falls	Water	34,084	34,084
Top of the World Windpower Project	Wind	39,678	39,678
Wallowa Falls	Water	1,105	1,105
West Side	Electricity for Energy Storage	-11	-11
Yale	Water	93,164	93,164
<b>Total</b>		<b>3,237,517</b>	<b>3,237,517</b>

## Parkland Light & Water

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	97,640
Natural Gas	0.00 %	0
Nuclear	10.92 %	12,592
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	5,064
<b>Total</b>	<b>100.00 %</b>	<b>115,296</b>

### BPA Claims

Fuel	MWh
Hydro	97,640
Nuclear	12,592
<b>SubTotal</b>	<b>110,232</b>
BPA Unspecified Purchase	5,064
<b>BPA Total</b>	<b>115,296</b>

## Pend Oreille County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	91.01 %	892,365
Natural Gas	0.00 %	0
Nuclear	1.42 %	13,920
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	7.57 %	74,274
<b>Total</b>	<b>100.00 %</b>	<b>980,559</b>

### BPA Claims

Fuel	MWh
Hydro	107,939
Nuclear	13,920
<b>SubTotal</b>	<b>121,859</b>
BPA Unspecified Purchase	5,599
<b>BPA Total</b>	<b>127,458</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	68,676
<b>Total</b>	<b>68,676</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Boundary	Water	340,151	340,151
Box Canyon	Water	444,275	444,275
<b>Total</b>		<b>784,426</b>	<b>784,426</b>

## Peninsula Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	75.16 %	519,161
Natural Gas	0.00 %	0
Nuclear	9.69 %	66,953
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	11.25 %	77,722
Unspecified	3.90 %	26,926
<b>Total</b>	<b>100.00 %</b>	<b>690,762</b>

### BPA Claims

Fuel	MWh
Hydro	519,161
Nuclear	66,953
<b>SubTotal</b>	<b>586,114</b>
BPA Unspecified Purchase	26,925
<b>BPA Total</b>	<b>613,039</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	0	0
Chief Joseph	Water	0	0
Cold Springs Windfarm	Wind	21,576	21,576
Condon Windpower LLC	Wind	5,664	5,664
Cougar	Water	0	0
Grand Coulee	Water	0	0
Harvest Wind Project	Wind	1,535	1,535
Hills Creek	Water	0	0
Horse Butte Wind I, LLC	Wind	15,635	15,635
Klondike Wind Power	Wind	458	458
Klondike Windpower III	Wind	1,212	1,212
Lookout Point	Water	0	0
Palisades Dam	Water	0	0
Vansycle II Wind Energy Center	Wind	31,642	31,642
<b>Total</b>		<b>77,722</b>	<b>77,722</b>



## Port Angeles Light Operations

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	229,534
Natural Gas	0.00 %	0
Nuclear	10.92 %	29,602
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	11,905
<b>Total</b>	<b>100.00 %</b>	<b>271,041</b>

### BPA Claims

Fuel	MWh
Hydro	229,534
Nuclear	29,602
<b>SubTotal</b>	<b>259,136</b>
BPA Unspecified Purchase	11,906
<b>BPA Total</b>	<b>271,042</b>

## Port of Seattle

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	111,229
Natural Gas	0.00 %	0
Nuclear	10.92 %	14,344
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	5,769
<b>Total</b>	<b>100.00 %</b>	<b>131,342</b>

### BPA Claims

Fuel	MWh
Hydro	111,229
Nuclear	14,344
<b>SubTotal</b>	<b>125,573</b>
BPA Unspecified Purchase	5,769
<b>BPA Total</b>	<b>131,342</b>

## Puget Sound Energy

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.09 %	19,362
Biomass	0.01 %	2,087
Coal	22.96 %	4,984,651
Geothermal	0.02 %	3,500
Hydro	24.12 %	5,234,658
Natural Gas	27.04 %	5,869,992
Nuclear	0.19 %	40,693
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.04 %	9,430
Solar	0.95 %	206,950
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	10.51 %	2,282,111
Unspecified	14.07 %	3,053,442
<b>Total</b>	<b>100.00 %</b>	<b>21,706,876</b>

### BPA Claims

Fuel	MWh
Hydro	315,539
Nuclear	40,693
<b>SubTotal</b>	<b>356,232</b>
BPA Unspecified Purchase	16,364
<b>BPA Total</b>	<b>372,596</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	3,037,077
<b>Total</b>	<b>3,037,077</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
3 Bar G Wind Turbine #3	Wind	80	80
American Falls Solar	Solar	7,796	7,796
American Falls Solar II	Solar	7,687	7,687
Black Creek	Water	11,913	11,913
Campbell Hill Windpower	Wind	12,726	12,726
Cassia Gulch	Wind	7,654	7,654
Cassia Wind	Wind	967	967
Cedar Creek Wind	Wind	10,000	10,000
Colstrip	Distillate Fuel Oil	2,094	
	Gaseous Propane	0	
	Subbituminous Coal	1,926,451	
	Waste/Other Oil	125	1,928,670
Crystal Mountain	Distillate Fuel Oil	490	490
Distributed Generation--Biomass (WA)	Wood/Wood Waste Solids	2,087	2,087
Distributed Generation--Solar (OR)	Solar	28,664	28,664
Distributed Generation--Solar (WA)	Solar	159	159
Double A Digester	Other Biomass Gas	1,599	1,599
Electron	Water	87,909	87,909
Encogen	Natural Gas	339,968	
	Distillate Fuel Oil	23	339,991
Escalante Solar I, LLC	Solar	25,000	25,000
Escalante Solar III, LLC	Solar	11,535	11,535
Farm Power Rexville	Other Biomass Gas	3,770	3,770

Ferndale Generating Station	Natural Gas	1,009,486	
	Distillate Fuel Oil	40	1,009,526
Finley Buttes Landfill Gas	Landfill Gas	3,500	3,500
First Up Knudson Wind Turbine	Wind	143	143
Frederickson	Distillate Fuel Oil	95	
	Natural Gas	26,890	26,985
Frederickson Power LP	Natural Gas	438,966	438,966
Fredonia	Natural Gas	176,140	
	Distillate Fuel Oil	2,915	179,055
Glenrock	Wind	1,500	1,500
Goldendale Generating Station	Natural Gas	1,850,118	1,850,118
Goodnoe Hills	Wind	30,200	30,200
Grand View Solar Two	Solar	11,469	11,469
Hopkins Ridge Wind	Wind	253,696	253,696
Horse Butte Wind I, LLC	Wind	16,379	16,379
Horseshoe Bend Wind Park	Wind	9,130	9,130
ID Solar	Solar	7,897	7,897
Iron Springs Solar, LLC	Solar	14,961	14,961
Juniper Canyon I Wind Project	Wind	28,546	28,546
Klondike Windpower III	Wind	53,421	53,421
Koma Kulshan Associates	Water	37,334	37,334
Leaning Juniper	Wind	24,800	24,800
Lower Baker	Water	361,440	361,440
Lower Snake River Wind Energy Project	Wind	713,072	713,072
LRI LFGTE Facility	Landfill Gas	5,000	5,000
Marengo Wind Plant	Wind	69,726	69,726
Meadow Creek Project Company	Wind	38,760	38,760
Mint Farm Generating Station	Natural Gas	1,586,428	1,586,428
Mt. Home Solar 1, LLC	Solar	4,962	4,962
Murphy Flat Solar	Solar	8,023	8,023
Neal Hot Springs Geothermal Project	Geothermal	250	250
Nine Canyon	Wind	18,937	18,937
Nooksack Hydro	Water	22,143	22,143
Orchard Ranch Solar	Solar	8,508	8,508
Pavant Solar II LLC	Solar	22,596	22,596
Priest Rapids	Water	209,971	209,971
Raft River Geothermal Power Plant	Geothermal	3,250	3,250
Rock Creek Dairy	Other Biomass Gas	1,901	1,901
Rock Island	Water	599,065	599,065
Rockland Wind Farm	Wind	50,743	50,743
Rocky Reach	Water	1,230,890	1,230,890
Selis Ksanka Qlispe	Water	269,458	269,458
Sheep Solar	Solar	1,572	1,572
Silverton Solar	Solar	1,490	1,490
Simcoe Solar	Solar	8,200	8,200
Skookumchuck	Water	4,106	4,106
Skookumchuck Wind Facility	Wind	23,253	23,253
Smith Creek (Whatcom County, WA)	Water	61	61
Snoqualmie	Water	48,152	48,152
Snoqualmie 2	Water	165,219	165,219
South Peak Wind	Wind	11,500	11,500

Spanish Fork Wind Park 2 LLC	Wind	2,190	2,190
Sumas Power Plant	Natural Gas	437,912	437,912
Swauk Wind LLC	Wind	11,454	11,454
Three Peaks Power	Solar	6,250	6,250
Top of the World Windpower Project	Wind	10,273	10,273
Transalta Centralia Generation	Subbituminous Coal	0	
	Refined Coal	3,057,515	
	Waste/Other Coal	685	
	Distillate Fuel Oil	3,460	3,061,660
Twin Falls Hydro	Water	81,378	81,378
Upper Baker	Water	332,223	332,223
Utah Red Hills Renewable Energy Park	Solar	30,073	30,073
Van Dyk -S Holsteins	Other Biomass Gas	111	111
Vanderhaak Dairy Digester	Other Biomass Gas	3,481	3,481
Wanapum	Water	205,707	205,707
Weeks Falls	Water	14,588	14,588
Wells	Water	1,237,562	1,237,562
Whitehorn	Distillate Fuel Oil	189	
	Natural Gas	4,083	4,272
Wild Horse	Wind	873,184	
	Solar	108	873,292
Wolverine Creek	Wind	10,000	10,000
<b>Total</b>		<b>18,297,425</b>	<b>18,297,425</b>

## Richland Energy Services

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	78.24 %	726,361
Natural Gas	0.00 %	0
Nuclear	10.09 %	93,674
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.04 %	399
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	11.63 %	107,944
<b>Total</b>	<b>100.00 %</b>	<b>928,378</b>

### BPA Claims

Fuel	MWh
Hydro	726,361
Nuclear	93,674
<b>SubTotal</b>	<b>820,035</b>
BPA Unspecified Purchase	37,672
<b>BPA Total</b>	<b>857,707</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	70,272
<b>Total</b>	<b>70,272</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Horn Rapids Solar, Storage and Training	Solar	399	399
<b>Total</b>		<b>399</b>	<b>399</b>

## Ruston, Town of

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	1.63 %	57
Coal	0.00 %	0
Geothermal	0.80 %	28
Hydro	75.62 %	2,638
Natural Gas	0.00 %	0
Nuclear	0.00 %	0
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	21.95 %	766
Unspecified	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>3,489</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Alder	Water	178	178
Benson Creek Windfarm (Burnt River)	Wind	44	44
Bonneville Dam Incremental Hydro G1	Unknown		0
Burley Butte Windpark	Wind	88	88
Chief Joseph	Water	28	28
Condon Windpower LLC	Wind	8	8
Cushman 1	Water	88	88
Cushman 2	Water	145	145
Durbin Creek Windfarm (Burnt River)	Wind	39	39
Elkhorn Valley Wind Farm	Wind	50	50
FPL Energy Vansycle LLC (OR)	Wind	16	16
Grand Coulee Project Hydro Authority	Water	261	261
Hood Street Reservoir	Water	3	3
Hot Springs Windfarm LLC	Wind	43	43
Jett Creek Windfarm (Burnt River)	Wind	13	13
Klondike Wind Power	Wind	5	5
Klondike Windpower III	Wind	12	12
LaGrande	Water	297	297
Lookout Point	Water	1	1
Mayfield	Water	610	610
Milner Dam Wind Park LLC	Wind	80	80
Mossyrock	Water	972	972

Neal Hot Springs Geothermal Project	Geothermal	28	28
Nine Canyon	Wind	26	26
Palisades Dam	Water	5	5
Payne's Ferry	Wind	96	96
Pilgrim Stage Wind Park	Wind	50	50
Power County Wind Park North	Wind	42	42
Power County Wind Park South	Wind	36	36
Priest Rapids	Water	11	11
Prospector Windfarm (Burnt River)	Wind	40	40
Sierra Pacific Aberdeen	Wood/Wood Waste Solids	57	57
Wanapum	Water	14	14
White Creek Wind Farm	Wind	78	78
Wynoochee	Water	25	25
<b>Total</b>		<b>3,489</b>	<b>3,489</b>



## Seattle City Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	1.24 %	114,168
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	86.09 %	7,909,407
Natural Gas	0.00 %	0
Nuclear	4.98 %	457,743
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	5.14 %	472,131
Unspecified	2.55 %	234,663
<b>Total</b>	<b>100.00 %</b>	<b>9,188,112</b>

### BPA Claims

Fuel	MWh
Hydro	3,549,385
Nuclear	457,743
<b>SubTotal</b>	<b>4,007,128</b>
BPA Unspecified Purchase	184,088
<b>BPA Total</b>	<b>4,191,216</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	50,576
<b>Total</b>	<b>50,576</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	4,092	4,092
Boundary	Water	2,012,076	2,012,076
Cedar Falls (WA)	Water	67,764	67,764
Chief Joseph	Water	23,097	23,097
Condon Windpower LLC	Wind	7,651	7,651
Cougar	Water	354	354
Diablo	Water	590,461	590,461
Eitopia Branch Canal 4.6	Water	3,217	3,217
FPL Energy Vansycle LLC (OR)	Wind	433,679	433,679
FPL Energy Vansycle LLC (WA)	Wind	15,343	15,343
Gorge	Water	804,475	804,475
Grand Coulee	Water	37,028	37,028
Hills Creek	Water	174	174
Klondike Wind Power	Wind	3,929	3,929
Klondike Windpower III	Wind	11,529	11,529
Lookout Point	Water	921	921
Main Canal Headworks	Water	43,678	43,678
Newhalem	Water	0	0
Palisades Dam	Water	3,944	3,944
Potholes East Canal 66.0	Water	1,870	1,870
Priest Rapids	Water	17,941	17,941
Ross	Water	540,891	540,891
Russell D Smith	Water	5,514	5,514
South Fork Tolt	Water	35,283	35,283

Summer Falls Power Plant	Water	162,991	162,991
Wanapum	Water	4,251	4,251
Waste Management Columbia Ridge LFGTE	Landfill Gas	100,927	100,927
West Point Treatment Plant	Other Biomass Gas	13,241	
	Natural Gas	0	13,241
<b>Total</b>		<b>4,946,321</b>	<b>4,946,321</b>

## Skamania County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	120,589
Natural Gas	0.00 %	0
Nuclear	10.92 %	15,552
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	6,254
<b>Total</b>	<b>100.00 %</b>	<b>142,395</b>

### BPA Claims

Fuel	MWh
Hydro	120,589
Nuclear	15,552
<b>SubTotal</b>	<b>136,141</b>
BPA Unspecified Purchase	6,254
<b>BPA Total</b>	<b>142,395</b>

## Snohomish County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.99 %	65,472
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	73.82 %	4,896,819
Natural Gas	0.00 %	0
Nuclear	9.31 %	617,771
Other Biogenic	0.02 %	1,132
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	1.21 %	80,280
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	10.90 %	722,952
Unspecified	3.75 %	248,444
<b>Total</b>	<b>100.00 %</b>	<b>6,632,870</b>

### BPA Claims

Fuel	MWh
Hydro	4,790,259
Nuclear	617,771
<b>SubTotal</b>	<b>5,408,030</b>
BPA Unspecified Purchase	248,444
<b>BPA Total</b>	<b>5,656,474</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	6,236	6,236
Brush Creek Solar	Solar	8,988	8,988
Chief Joseph	Water	35,259	35,259
Condon Windpower LLC	Wind	19,952	19,952
Cougar	Water	531	531
Distributed generation - solar (WA)	Solar	36,700	36,700
Distributed Generation--Solar (OR)	Solar	5,192	5,192
FPL Energy Vansycle LLC (WA)	Wind	41,594	41,594
Grand Coulee	Water	56,474	56,474
Hampton Lumber Mill	Wood/Wood Waste Solids	65,472	65,472
Hay Canyon Wind Power LLC	Wind	350,608	350,608
Hills Creek	Water	267	267
Klondike Wind Power	Wind	11,105	11,105
Klondike Windpower III	Wind	31,039	31,039
Lookout Point	Water	1,400	1,400
Morgan Solar Center	Solar	9,634	9,634
Ontario Solar Center	Solar	9,608	9,608
Palisades	Unknown		0
Palisades Dam	Water	6,003	6,003
Qualco Energy	Other Biomass Solids	1,132	1,132
SulusSolar17	Solar	4,784	4,784
Vale Solar Center	Solar	5,374	5,374
Wheat Field Wind Power Project	Wind	185,497	185,497
White Creek Wind Farm	Wind	83,157	83,157

Woods Creek	Water	390	390
<b>Total</b>		<b>976,396</b>	<b>976,396</b>

## Steilacoom Electric Utility

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	32,608
Natural Gas	0.00 %	0
Nuclear	10.92 %	4,205
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,691
<b>Total</b>	<b>100.00 %</b>	<b>38,504</b>

### BPA Claims

Fuel	MWh
Hydro	32,608
Nuclear	4,205
<b>SubTotal</b>	<b>36,813</b>
BPA Unspecified Purchase	1,690
<b>BPA Total</b>	<b>38,503</b>

## Sumas, City of

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	25,702
Natural Gas	0.00 %	0
Nuclear	10.92 %	3,315
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,333
<b>Total</b>	<b>100.00 %</b>	<b>30,350</b>

### BPA Claims

Fuel	MWh
Hydro	25,702
Nuclear	3,315
<b>SubTotal</b>	<b>29,017</b>
BPA Unspecified Purchase	1,333
<b>BPA Total</b>	<b>30,350</b>

## Tacoma Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.75 %	36,019
Coal	0.00 %	0
Geothermal	0.37 %	18,000
Hydro	80.51 %	3,864,226
Natural Gas	0.00 %	0
Nuclear	5.84 %	280,288
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	198
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	10.18 %	488,871
Unspecified	2.35 %	112,721
<b>Total</b>	<b>100.00 %</b>	<b>4,800,323</b>

### BPA Claims

Fuel	MWh
Hydro	2,173,379
Nuclear	280,288
<b>SubTotal</b>	<b>2,453,667</b>
BPA Unspecified Purchase	112,723
<b>BPA Total</b>	<b>2,566,390</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Alder	Water	113,796	113,796
Benson Creek Windfarm (Burnt River)	Wind	28,209	28,209
Bonneville	Water	3,138	3,138
Burley Butte Windpark	Wind	56,106	56,106
Chief Joseph	Water	17,752	17,752
Condon Windpower LLC	Wind	4,752	4,752
Cougar	Water	265	265
Cushman 1	Water	56,472	56,472
Cushman 2	Water	93,058	93,058
Distributed Generation--Solar (WA)	Solar	198	198
Durbin Creek Windfarm (Burnt River)	Wind	24,782	24,782
Elkhorn Valley Wind Farm	Wind	32,000	32,000
FPL Energy Vansycle LLC (WA)	Wind	10,451	10,451
Grand Coulee	Water	28,442	28,442
Grand Coulee Project Hydro Authority	Water	138,712	138,712
Hills Creek	Water	134	134
Hood Street Reservoir	Water	1,941	1,941
Hot Springs Windfarm LLC	Wind	27,515	27,515
Jett Creek Windfarm (Burnt River)	Wind	8,363	8,363
Klondike Wind Power	Wind	2,920	2,920
Klondike Windpower III	Wind	7,724	7,724
LaGrande	Water	189,725	189,725



Lookout Point	Water	704	704
Mayfield	Water	389,879	389,879
Milner Dam Wind Park LLC	Wind	51,216	51,216
Mossyrock	Water	621,398	621,398
Neal Hot Springs Geothermal Project	Geothermal	18,000	18,000
Nine Canyon	Wind	16,375	16,375
Palisades Dam	Water	3,029	3,029
Payne's Ferry	Wind	61,653	61,653
Pilgrim Stage Wind Park	Wind	31,677	31,677
Power County Wind Park North	Wind	26,797	26,797
Power County Wind Park South	Wind	23,203	23,203
Priest Rapids	Water	7,250	7,250
Prospector Windfarm (Burnt River)	Wind	25,434	25,434
Sierra Pacific Aberdeen	Wood/Wood Waste Solids	36,019	36,019
Wanapum	Water	9,186	9,186
White Creek Wind Farm	Wind	49,694	49,694
Wynoochee	Water	15,966	15,966
<b>Total</b>		<b>2,233,935</b>	<b>2,233,935</b>

## Tanner Electric Coop

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	82,838
Natural Gas	0.00 %	0
Nuclear	10.92 %	10,683
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	4,296
<b>Total</b>	<b>100.00 %</b>	<b>97,817</b>

### BPA Claims

Fuel	MWh
Hydro	82,838
Nuclear	10,683
<b>SubTotal</b>	<b>93,521</b>
BPA Unspecified Purchase	4,296
<b>BPA Total</b>	<b>97,817</b>

## Vera Water & Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	80.38 %	184,322
Natural Gas	0.00 %	0
Nuclear	10.36 %	23,771
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	9.26 %	21,246
<b>Total</b>	<b>100.00 %</b>	<b>229,339</b>

### BPA Claims

Fuel	MWh
Hydro	184,322
Nuclear	23,771
<b>SubTotal</b>	<b>208,093</b>
BPA Unspecified Purchase	9,561
<b>BPA Total</b>	<b>217,654</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	11,685
<b>Total</b>	<b>11,685</b>

## Wahkiakum County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	37,799
Natural Gas	0.00 %	0
Nuclear	10.92 %	4,875
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	1,960
<b>Total</b>	<b>100.00 %</b>	<b>44,634</b>

### BPA Claims

Fuel	MWh
Hydro	37,799
Nuclear	4,875
<b>SubTotal</b>	<b>42,674</b>
BPA Unspecified Purchase	1,960
<b>BPA Total</b>	<b>44,634</b>

## Whatcom County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	197,775
Natural Gas	0.00 %	0
Nuclear	10.92 %	25,506
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	10,257
<b>Total</b>	<b>100.00 %</b>	<b>233,538</b>

### BPA Claims

Fuel	MWh
Hydro	197,775
Nuclear	25,506
<b>SubTotal</b>	<b>223,281</b>
BPA Unspecified Purchase	10,257
<b>BPA Total</b>	<b>233,538</b>

## Yakama Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	84.69 %	124,903
Natural Gas	0.00 %	0
Nuclear	10.92 %	16,108
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	4.39 %	6,478
<b>Total</b>	<b>100.00 %</b>	<b>147,489</b>

### BPA Claims

Fuel	MWh
Hydro	124,903
Nuclear	16,108
<b>SubTotal</b>	<b>141,011</b>
BPA Unspecified Purchase	6,477
<b>BPA Total</b>	<b>147,488</b>