

# Washington electric utility 2023 fuel mix disclosure report

For calendar year 2023

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Report to the Legislature

Director Joe Nguyen

# Acknowledgments

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# Forward

RCW 19.29A.060 requires each electric supplier, or utility, serving retail customers in Washington to disclose the mix of fuels used to generate the electricity sold to its customers in the previous year. Utilities must disclose the information, similar to a content label on a food product, to new customers and post the information on their public websites. 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

[Chapter 19.29A RCW](#) 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 greenhouse gas emissions content 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)
- 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). [Chapter 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, the State Auditor verifies 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 fuel mix disclosure reports

In 2019, the Legislature enacted [Engrossed Substitute House Bill 1428](#) to reform the fuel mix statute ([Chapter 19.29A RCW](#)). 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 the seller to 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/).

### **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. Following these tables and figures is a full description of the fuel mix for each electric utility in the state.

### **Glossary**

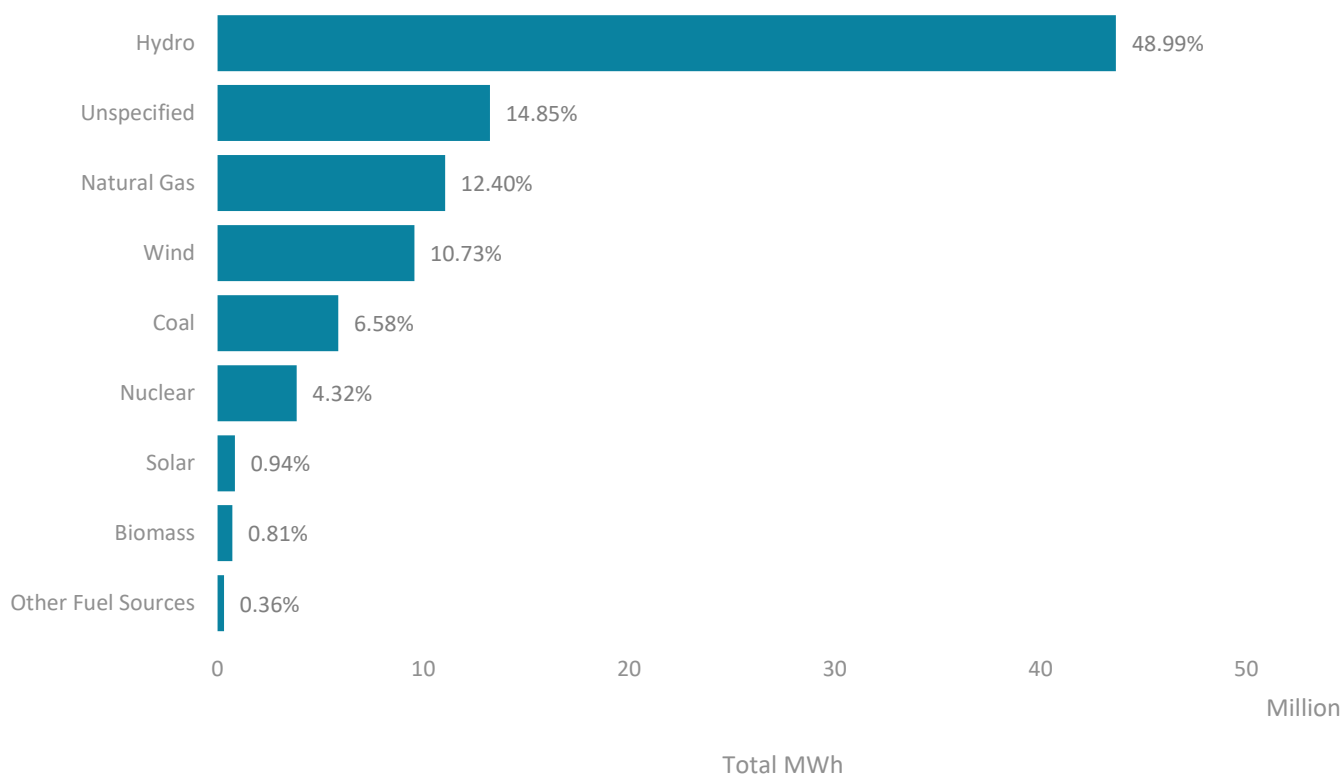
- “Claims on resources” refers to power obtained from specific generation facilities, with fuel source information obtained from the U.S. Energy Information Administration.
- “Unspecified power purchase” refers to power purchases where the generation facility and fuel source information is not known.
- “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 calendar year 2023. Hydropower (48.99%) is the largest primary fuel used to produce electricity in the state. Unspecified power is the second largest category (14.85%), followed by natural gas (12.40%), and wind (10.73%). Table 1 lists the electricity fuel sources by MWh and percent.

**Figure 1: 2022 Aggregate fuel mix for Washington electric utilities**

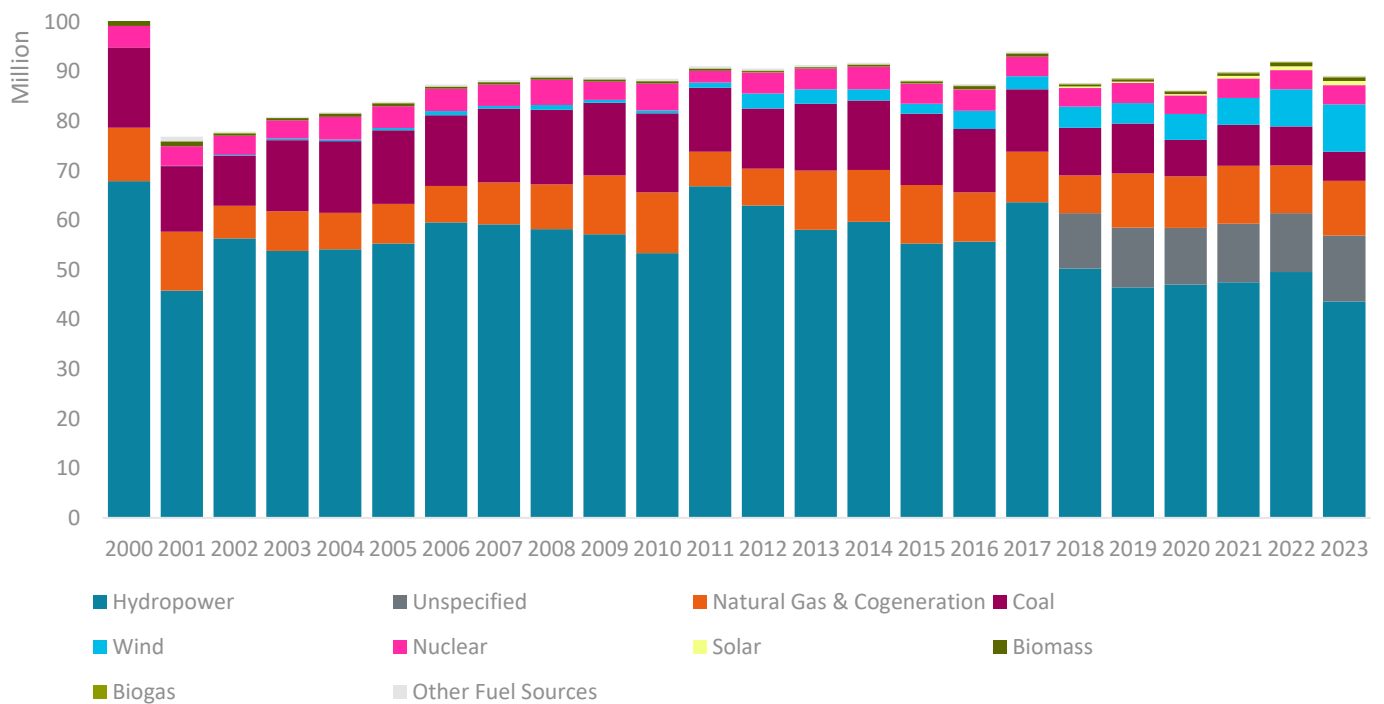


**Table 1: 2023 Aggregate fuel mix for Washington electric utilities**

Fuel Type	Total electric power MWh	Percentage
Hydro	43,672,410	48.99%
Unspecified	13,235,019	14.85%
Natural gas	11,056,937	12.40%
Wind	9,566,364	10.73%
Coal	5,869,567	6.58%
Nuclear	3,851,249	4.32%
Solar	841,902	0.94%

Fuel Type	Total electric power MWh	Percentage
Biomass	724,355	0.81%
Biogas	170,971	0.19%
Other Non-Biogenic	50,872	0.06%
Waste	34,222	0.04%
Other Biogenic	28,000	0.03%
Geothermal	19,207	0.02%
Petroleum	15,418	0.02%
<b>Grand Total</b>	<b>89,136,493</b>	<b>100.00%</b>

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 2019 (which affected calendar year 2018 fuel mix). Before 2019, the fuel mix law required that Commerce assign a fuel mix to unspecified sources based on regional data.



Year	Hydropower	Unspecified	Natural gas & cogeneration	Coal	Wind	Nuclear	Solar	Biomass	Biogas	Other fuel sources	Grand total
2000	67,889,834	0	10,771,994	16,243,438	0	4,285,939	0	1,100,469	68,978	704,295	101,064,947
2001	45,853,455	0	11,863,293	13,247,976	23,822	3,975,371	0	937,515	70,807	885,095	76,857,334
2002	56,339,641	0	6,606,079	10,076,412	163,134	3,858,716	0	392,378	220,705	279,710	77,936,775
2003	53,850,478	0	7,961,221	14,336,264	320,540	3,726,175	0	434,700	75,125	181,004	80,885,507
2004	54,132,176	0	7,379,356	14,459,001	346,470	4,591,072	0	536,643	134,122	193,289	81,772,129
2005	55,342,273	0	7,986,135	14,860,017	432,667	4,403,537	0	587,085	80,500	226,344	83,918,558
2006	59,609,529	0	7,319,962	14,245,188	867,392	4,513,216	0	392,712	57,858	419,457	87,425,314
2007	59,203,647	0	8,459,744	14,866,637	545,622	4,326,265	0	460,983	49,041	381,907	88,293,846
2008	58,235,550	0	9,021,053	15,034,912	1,010,928	5,083,665	0	415,226	23,043	382,863	89,207,240
2009	57,214,771	0	11,846,700	14,672,973	587,994	3,653,541	0	445,076	16,058	438,427	88,875,540
2010	53,412,121	0	12,207,985	15,955,168	567,281	5,430,617	0	492,371	18,787	459,971	88,544,301
2011	66,847,397	0	7,003,278	12,900,636	1,017,702	2,390,245	0	446,890	49,209	450,901	91,106,258
2012	62,984,536	0	7,439,486	12,149,258	3,011,137	4,239,398	1,433	310,812	83,665	424,045	90,643,770
2013	58,074,493	0	11,949,790	13,519,852	2,859,415	4,247,504	1,709	260,972	60,741	342,191	91,316,667
2014	59,723,805	0	10,442,483	14,026,540	2,219,613	4,617,391	6,618	300,416	104,431	341,509	91,782,806
2015	55,306,859	0	11,807,835	14,388,993	2,029,032	4,021,955	8,807	401,408	133,132	222,080	88,320,101
2016	55,697,796	0	9,937,111	12,799,782	3,661,267	4,308,647	3,491	675,649	148,177	220,682	87,452,602
2017	63,644,891	0	10,181,880	12,593,438	2,674,081	3,941,745	2,740	562,311	121,566	310,420	94,033,072
2018	50,289,183	11,157,787	7,654,899	9,556,048	4,274,696	3,790,590	272,611	417,963	184,859	97,952	87,696,588
2019	46,496,026	12,063,469	10,877,913	10,069,295	4,144,546	4,050,965	273,319	440,016	182,344	91,033	88,688,926
2020	47,060,403	11,408,437	10,412,290	7,385,036	5,180,571	3,754,196	288,595	482,183	133,530	112,974	86,218,215
2021	47,491,276	11,816,252	11,676,676	8,289,597	5,425,544	3,921,061	507,748	537,485	159,621	128,292	89,953,552
2022	49,583,521	11,885,124	9,574,626	7,921,025	7,451,109	3,920,657	767,131	691,390	186,100	118,024	92,098,707
2023	43,672,410	13,235,019	11,056,937	5,869,567	9,566,364	3,851,249	841,902	724,355	170,971	147,719	89,136,493

**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	78.01 %	2,930
Natural Gas	0.00 %	0
Nuclear	11.26 %	423
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	10.73 %	403
<b>Total</b>	<b>100.00 %</b>	<b>3,756</b>

**BPA Claims**

<b>Fuel</b>	<b>MWh</b>
Hydro	2,930
Nuclear	423
<b>SubTotal</b>	<b>3,353</b>
BPA Unspecified Purchase	403
<b>BPA Total</b>	<b>3,756</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	78.02 %	3,699
Natural Gas	0.00 %	0
Nuclear	11.24 %	533
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	10.74 %	509
<b>Total</b>	<b>100.00 %</b>	<b>4,741</b>

### BPA Claims

Fuel	MWh
Hydro	3,699
Nuclear	533
<b>SubTotal</b>	<b>4,232</b>
BPA Unspecified Purchase	509
<b>BPA Total</b>	<b>4,741</b>

# Avangrid (WA)

## Utility Fuel Mix

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

## Avista (WA)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	5.37 %	326,405
Coal	13.47 %	818,555
Geothermal	0.00 %	0
Hydro	32.78 %	1,992,689
Natural Gas	41.01 %	2,492,566
Nuclear	0.00 %	0
Other Biogenic	0.46 %	28,000
Other Non-Biogenic	0.00 %	0
Petroleum	0.01 %	706
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.56 %	34,222
Wind	6.34 %	385,696
Unspecified	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>6,078,839</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Boulder Park	Natural Gas	31,888	31,888
Cabinet Gorge	Water	395,625	395,625
Clearwater Paper IPP Lewiston	Natural Gas	28,404	
	Wood/Wood Waste Solids	49,895	
	Residual Fuel Oil	0	
	Distillate Fuel Oil	0	
	Black Liquor	134,209	212,508
Colstrip	Subbituminous Coal	818,555	
	Distillate Fuel Oil	706	
	Waste/Other Oil	0	819,261
Coyote Springs II	Natural Gas	1,130,383	1,130,383
Kettle Falls Generating Station	Natural Gas	11,599	
	Wood/Wood Waste Solids	137,918	149,517
Little Falls (WA)	Water	87,728	87,728
Long Lake	Water	206,061	206,061
Meyers Falls	Water	4,755	4,755
Monroe Street	Water	43,224	43,224
Nine Mile	Water	57,374	57,374
Northeast (WA)	Natural Gas	56	56
Noxon Rapids	Water	632,576	632,576
Palouse	Wind	178,188	178,188
Plummer Cogen	Wood/Wood Waste Solids	4,383	4,383
Post Falls	Water	23,263	23,263
Priest Rapids	Water	127,263	127,263
Rathdrum	Natural Gas	388,865	388,865

Rathdrum Power LLC	Natural Gas	901,371	901,371
Rattlesnake Flat	Wind	207,508	207,508
Rocky Reach	Water	174,675	174,675
Sheep Creek Hydro	Water	2,731	2,731
Spokane Waste to Energy	Biogenic Municipal Solid Waste	28,000	
	Non-biogenic Municipal Solid Waste	34,222	62,222
Upper Falls	Water	29,058	29,058
Upriver Dam Hydro Plant	Water	19,212	19,212
Wells	Water	189,144	189,144
<b>Total</b>		<b>6,078,839</b>	<b>6,078,839</b>

## Benton County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	3.93 %	74,069
Biomass	1.02 %	19,304
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	67.79 %	1,278,455
Natural Gas	0.00 %	0
Nuclear	9.72 %	183,376
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	6.59 %	124,214
Unspecified	10.95 %	206,502
<b>Total</b>	<b>100.00 %</b>	<b>1,885,920</b>

### BPA Claims

Fuel	MWh
Hydro	1,271,420
Nuclear	183,376
<b>SubTotal</b>	<b>1,454,796</b>
BPA Unspecified Purchase	174,875
<b>BPA Total</b>	<b>1,629,671</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	31,628
<b>Total</b>	<b>31,628</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Cassia Gulch	Wind	3,477	3,477
Cosmo Specialty Fibers Inc.	Wood/Wood Waste Solids	19,304	19,304
Dry Creek LFG to Energy Project	Landfill Gas	12,100	
	Natural Gas	0	12,100
Finley Buttes Landfill Gas	Landfill Gas	13,509	13,509
FPL Energy Vansycle LLC (WA)	Wind	4,767	4,767
Hidden Hollow Energy	Landfill Gas	16,672	16,672
Klondike Windpower III	Wind	3,302	3,302
LRI LFGTE Facility	Landfill Gas	31,788	31,788
Meadow Creek Project Company	Wind	36,523	36,523
Nine Canyon	Wind	18,861	18,861
Packwood	Water	7,035	7,035
White Creek Wind Farm	Wind	23,232	23,232
Yahoo Creek	Wind	34,052	34,052
<b>Total</b>		<b>224,622</b>	<b>224,622</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	78.02 %	504,685
Natural Gas	0.00 %	0
Nuclear	11.25 %	72,790
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	10.73 %	69,416
<b>Total</b>	<b>100.00 %</b>	<b>646,891</b>

### BPA Claims

Fuel	MWh
Hydro	504,685
Nuclear	72,790
<b>SubTotal</b>	<b>577,475</b>
BPA Unspecified Purchase	69,416
<b>BPA Total</b>	<b>646,891</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	69.51 %	418,410
Natural Gas	0.00 %	0
Nuclear	10.02 %	60,347
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	20.47 %	123,211
<b>Total</b>	<b>100.00 %</b>	<b>601,968</b>

### BPA Claims

Fuel	MWh
Hydro	418,410
Nuclear	60,347
<b>SubTotal</b>	<b>478,757</b>
BPA Unspecified Purchase	57,550
<b>BPA Total</b>	<b>536,307</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	65,662
<b>Total</b>	<b>65,662</b>

## Centralia City 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	76.38 %	209,150
Natural Gas	0.00 %	0
Nuclear	9.64 %	26,384
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	13.98 %	38,264
<b>Total</b>	<b>100.00 %</b>	<b>273,798</b>

### BPA Claims

Fuel	MWh
Hydro	182,933
Nuclear	26,384
<b>SubTotal</b>	<b>209,317</b>
BPA Unspecified Purchase	25,161
<b>BPA Total</b>	<b>234,478</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	13,103
<b>Total</b>	<b>13,103</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Yelm	Water	26,217	26,217
<b>Total</b>		<b>26,217</b>	<b>26,217</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	80.85 %	1,573,647
Natural Gas	0.00 %	0
Nuclear	0.00 %	0
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	79
Solar	0.00 %	0
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.01 %	230
Unspecified	19.14 %	372,618
<b>Total</b>	<b>100.00 %</b>	<b>1,946,574</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	372,618
<b>Total</b>	<b>372,618</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Chelan	Water	267,413	267,413
Nine Canyon	Wind	230	230
Rock Island	Water	286,565	286,565
Rocky Reach	Water	1,018,492	1,018,492
Stehekin Diesel	Distillate Fuel Oil	79	79
Stehekin Hydro	Water	1,177	1,177
<b>Total</b>		<b>1,573,956</b>	<b>1,573,956</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	72.61 %	107,539
Natural Gas	0.00 %	0
Nuclear	10.47 %	15,510
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	16.92 %	25,062
<b>Total</b>	<b>100.00 %</b>	<b>148,111</b>

### BPA Claims

Fuel	MWh
Hydro	107,539
Nuclear	15,510
<b>SubTotal</b>	<b>123,049</b>
BPA Unspecified Purchase	14,791
<b>BPA Total</b>	<b>137,840</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	10,270
<b>Total</b>	<b>10,270</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	78.02 %	17,010
Natural Gas	0.00 %	0
Nuclear	11.25 %	2,453
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	10.73 %	2,339
<b>Total</b>	<b>100.00 %</b>	<b>21,802</b>

### BPA Claims

Fuel	MWh
Hydro	17,010
Nuclear	2,453
<b>SubTotal</b>	<b>19,463</b>
BPA Unspecified Purchase	2,339
<b>BPA Total</b>	<b>21,802</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	78.02 %	65,659
Natural Gas	0.00 %	0
Nuclear	11.25 %	9,470
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	10.73 %	9,031
<b>Total</b>	<b>100.00 %</b>	<b>84,160</b>

### BPA Claims

Fuel	MWh
Hydro	65,659
Nuclear	9,470
<b>SubTotal</b>	<b>75,129</b>
BPA Unspecified Purchase	9,031
<b>BPA Total</b>	<b>84,160</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	78.22 %	540,024
Natural Gas	0.00 %	0
Nuclear	11.15 %	76,991
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	10.63 %	73,422
<b>Total</b>	<b>100.00 %</b>	<b>690,437</b>

### BPA Claims

Fuel	MWh
Hydro	533,810
Nuclear	76,991
<b>SubTotal</b>	<b>610,801</b>
BPA Unspecified Purchase	73,422
<b>BPA Total</b>	<b>684,223</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Distributed Generation--Hydro (WA)	Water	118	118
Packwood	Water	6,096	6,096
<b>Total</b>		<b>6,214</b>	<b>6,214</b>

## Clark County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.11 %	5,301
Biomass	0.40 %	20,116
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	40.06 %	2,003,983
Natural Gas	31.77 %	1,589,482
Nuclear	5.75 %	287,512
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	2.36 %	118,149
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	10.71 %	535,628
Unspecified	8.84 %	442,216
<b>Total</b>	<b>100.00 %</b>	<b>5,002,387</b>

### BPA Claims

Fuel	MWh
Hydro	1,993,442
Nuclear	287,512
<b>SubTotal</b>	<b>2,280,954</b>
BPA Unspecified Purchase	274,184
<b>BPA Total</b>	<b>2,555,138</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	168,032
<b>Total</b>	<b>168,032</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
American Falls Solar	Solar	16,267	16,267
American Falls Solar II	Solar	17,956	17,956
Black Cap Solar, LLC	Solar	5,329	5,329
Black Mesa Solar, LLC	Solar	4,138	4,138
Cassia Gulch	Wind	21,558	21,558
Cassia Wind	Wind	9,561	9,561
Chiloquin Solar, LLC	Solar	4,122	4,122
Combine Hills I	Wind	80,000	80,000
Cosmo Specialty Fibers Inc.	Wood/Wood Waste Solids	19,131	19,131
Eurus Combine Hills Turbine Ranch 2	Wind	214,764	214,764
FPL Energy Vansycle LLC (WA)	Wind	9,665	9,665
Goodnoe Hills	Wind	8,469	8,469
Goshen Phase II	Wind	2,555	2,555
Hidden Hollow Energy	Landfill Gas	5,301	5,301
Horse Butte Wind I, LLC	Wind	2,693	2,693
Horseshoe Bend Wind LLC	Wind	658	658
Jackpot Solar, LLC	Solar	3,980	3,980
Klondike Windpower III	Wind	9,481	9,481
Leaning Juniper	Wind	7,600	7,600
Marengo Wind Plant	Wind	9,800	9,800
Meadow Creek Project Company	Wind	7,724	7,724
Mountain Air	Wind	94,276	94,276
Mt Hope Solar	Solar	4,636	4,636



Murphy Flat Solar	Solar	7,793	7,793
Nine Canyon	Wind	6,188	6,188
North Hurlburt Wind LLC	Wind	15,794	15,794
OR Solar 2, LLC	Solar	3,159	3,159
OR Solar 3, LLC	Solar	4,369	4,369
OR Solar 5, LLC	Solar	3,121	3,121
OR Solar 6, LLC	Solar	6,039	6,039
OR Solar 8, LLC	Solar	4,190	4,190
Orchard Ranch Solar	Solar	14,955	14,955
Orchard Windfarm 1, LLC	Wind	7,762	7,762
Orchard Windfarm 2, LLC	Wind	7,896	7,896
Orchard Windfarm 3, LLC	Wind	10,299	10,299
Orchard Windfarm 4, LLC	Wind	2,703	2,703
Packwood	Water	10,541	10,541
River Road Gen Plant	Natural Gas	1,589,482	1,589,482
Sierra Pacific Burlington Facility	Wood/Wood Waste Solids	985	985
Simcoe Solar	Solar	17,657	17,657
South Hurlburt Wind LLC	Wind	6,182	6,182
Woodline Solar	Solar	438	438
<b>Total</b>		<b>2,279,217</b>	<b>2,279,217</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	77.66 %	17,290
Natural Gas	0.00 %	0
Nuclear	11.20 %	2,494
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	11.14 %	2,480
<b>Total</b>	<b>100.00 %</b>	<b>22,264</b>

### BPA Claims

Fuel	MWh
Hydro	17,290
Nuclear	2,494
<b>SubTotal</b>	<b>19,784</b>
BPA Unspecified Purchase	2,377
<b>BPA Total</b>	<b>22,161</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	103
<b>Total</b>	<b>103</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	77.99 %	1,981
Natural Gas	0.00 %	0
Nuclear	11.26 %	286
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	10.75 %	273
<b>Total</b>	<b>100.00 %</b>	<b>2,540</b>

### BPA Claims

Fuel	MWh
Hydro	1,981
Nuclear	286
<b>SubTotal</b>	<b>2,267</b>
BPA Unspecified Purchase	273
<b>BPA Total</b>	<b>2,540</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	78.02 %	13,214
Natural Gas	0.00 %	0
Nuclear	11.25 %	1,906
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	10.73 %	1,817
<b>Total</b>	<b>100.00 %</b>	<b>16,937</b>

### BPA Claims

Fuel	MWh
Hydro	13,214
Nuclear	1,906
<b>SubTotal</b>	<b>15,120</b>
BPA Unspecified Purchase	1,817
<b>BPA Total</b>	<b>16,937</b>

## Cowlitz County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	3.81 %	157,628
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	65.12 %	2,691,479
Natural Gas	0.00 %	0
Nuclear	9.05 %	373,891
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.50 %	20,459
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	10.20 %	421,488
Unspecified	11.32 %	467,791
<b>Total</b>	<b>100.00 %</b>	<b>4,132,736</b>

### BPA Claims

Fuel	MWh
Hydro	2,592,343
Nuclear	373,891
<b>SubTotal</b>	<b>2,966,234</b>
BPA Unspecified Purchase	356,559
<b>BPA Total</b>	<b>3,322,793</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	111,230
<b>Total</b>	<b>111,230</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
American Falls Solar II	Solar	1,876	1,876
Bennett Creek Windfarm LLC - Mountain Home	Wind	1,865	1,865
Chopin Wind LLC	Wind	2,764	2,764
Cold Springs Windfarm	Wind	23,622	23,622
Condon Windpower LLC	Wind	1,125	1,125
Desert Meadow Windfarm	Wind	23,622	23,622
FPL Energy Vansycle LLC (OR)	Wind	27,082	27,082
FPL Energy Vansycle LLC (WA)	Wind	2,122	2,122
Goodnoe Hills	Wind	2,796	2,796
Hammett Hill Windfarm	Wind	23,622	23,622
Harvest Wind Project	Wind	61,567	61,567
Horse Butte Wind I, LLC	Wind	531	531
Klondike Wind Power	Wind	554	554
Klondike Windpower III	Wind	1,766	1,766
Leaning Juniper	Wind	22,500	22,500
Longview Fibre RECs	Wood/Wood Waste Solids	99,250	99,250
Mainline Windfarm	Wind	23,622	23,622
Marengo Wind Plant	Wind	7,531	7,531
Meadow Creek Project Company	Wind	35,000	35,000
Nine Canyon	Wind	24,033	24,033
Nippon Dynawave Packaging RECs	Wood/Wood Waste Solids	58,378	58,378
OR Solar 2, LLC	Solar	10,776	10,776
Orchard Windfarm 1, LLC	Wind	3,209	3,209

Orchard Windfarm 2, LLC	Wind		4,198	4,198
Orchard Windfarm 3, LLC	Wind		5,860	5,860
Orchard Windfarm 4, LLC	Wind		5,169	5,169
Power County Wind Park South	Wind		17,047	17,047
Priest Rapids	Water		1,367	1,367
Ryegrass Windfarm	Wind		23,622	23,622
Swift 2	Water		91,937	91,937
Tumbleweed Solar, LLC	Solar		1,982	1,982
Two Ponds Windfarm	Wind		23,622	23,622
Wanapum	Water		5,832	5,832
White Creek Wind Farm	Wind		35,516	35,516
Wolverine Creek	Wind		17,522	17,522
Woodline Solar	Solar		5,825	5,825
<b>Total</b>			<b>698,712</b>	<b>698,712</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	0.66 %	8,903
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	99.34 %	1,348,494
<b>Total</b>	<b>100.00 %</b>	<b>1,357,397</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	1,348,494
<b>Total</b>	<b>1,348,494</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
GM Shrum	Water	8,903	8,903
<b>Total</b>		<b>8,903</b>	<b>8,903</b>

## Douglas County PUD #1 (Schedule 4 – Renewable)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	100.00 %	135,235
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	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>135,235</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bridge River	Water	223	223
GM Shrum	Water	96,486	96,486
Kootenay	Water	599	599
MIC	Water	25,825	25,825
Peace Canyon	Water	5,376	5,376
Revelstoke	Water	5,999	5,999
Seven Mile	Water	727	727
<b>Total</b>		<b>135,235</b>	<b>135,235</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	78.02 %	22,679
Natural Gas	0.00 %	0
Nuclear	11.25 %	3,271
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	10.73 %	3,120
<b>Total</b>	<b>100.00 %</b>	<b>29,070</b>

### BPA Claims

Fuel	MWh
Hydro	22,679
Nuclear	3,271
<b>SubTotal</b>	<b>25,950</b>
BPA Unspecified Purchase	3,120
<b>BPA Total</b>	<b>29,070</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	78.02 %	171,783
Natural Gas	0.00 %	0
Nuclear	11.25 %	24,776
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	10.73 %	23,629
<b>Total</b>	<b>100.00 %</b>	<b>220,188</b>

### BPA Claims

Fuel	MWh
Hydro	171,783
Nuclear	24,776
<b>SubTotal</b>	<b>196,559</b>
BPA Unspecified Purchase	23,629
<b>BPA Total</b>	<b>220,188</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	78.02 %	226,862
Natural Gas	0.00 %	0
Nuclear	11.25 %	32,720
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	10.73 %	31,203
<b>Total</b>	<b>100.00 %</b>	<b>290,785</b>

### BPA Claims

Fuel	MWh
Hydro	226,862
Nuclear	32,720
<b>SubTotal</b>	<b>259,582</b>
BPA Unspecified Purchase	31,203
<b>BPA Total</b>	<b>290,785</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	78.02 %	14,629
Natural Gas	0.00 %	0
Nuclear	11.25 %	2,110
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	10.73 %	2,012
<b>Total</b>	<b>100.00 %</b>	<b>18,751</b>

### BPA Claims

Fuel	MWh
Hydro	14,629
Nuclear	2,110
<b>SubTotal</b>	<b>16,739</b>
BPA Unspecified Purchase	2,012
<b>BPA Total</b>	<b>18,751</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	78.02 %	34,590
Natural Gas	0.00 %	0
Nuclear	11.25 %	4,989
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	10.73 %	4,759
<b>Total</b>	<b>100.00 %</b>	<b>44,338</b>

### BPA Claims

Fuel	MWh
Hydro	34,590
Nuclear	4,989
<b>SubTotal</b>	<b>39,579</b>
BPA Unspecified Purchase	4,759
<b>BPA Total</b>	<b>44,338</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	78.02 %	64,487
Natural Gas	0.00 %	0
Nuclear	11.25 %	9,301
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	10.73 %	8,869
<b>Total</b>	<b>100.00 %</b>	<b>82,657</b>

### BPA Claims

Fuel	MWh
Hydro	64,487
Nuclear	9,301
<b>SubTotal</b>	<b>73,788</b>
BPA Unspecified Purchase	8,869
<b>BPA Total</b>	<b>82,657</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	70.46 %	794,625
Natural Gas	0.00 %	0
Nuclear	10.05 %	113,311
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	3.70 %	41,711
Unspecified	15.79 %	178,055
<b>Total</b>	<b>100.00 %</b>	<b>1,127,702</b>

### BPA Claims

Fuel	MWh
Hydro	785,633
Nuclear	113,311
<b>SubTotal</b>	<b>898,944</b>
BPA Unspecified Purchase	108,058
<b>BPA Total</b>	<b>1,007,002</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	69,997
<b>Total</b>	<b>69,997</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Esquatzel Irrigation Canal	Water	2,837	2,837
Nine Canyon	Wind	19,745	19,745
Packwood	Water	6,155	6,155
White Creek Wind Farm	Wind	21,966	21,966
<b>Total</b>		<b>50,703</b>	<b>50,703</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	15.02 %	922,981
Natural Gas	0.00 %	0
Nuclear	0.11 %	6,541
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	0.40 %	24,520
Unspecified	84.47 %	5,191,604
<b>Total</b>	<b>100.00 %</b>	<b>6,145,646</b>

### BPA Claims

Fuel	MWh
Hydro	45,354
Nuclear	6,541
<b>SubTotal</b>	<b>51,895</b>
BPA Unspecified Purchase	6,238
<b>BPA Total</b>	<b>58,133</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	5,185,366
<b>Total</b>	<b>5,185,366</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Nine Canyon	Wind	24,520	24,520
PEC Headworks	Water	16,337	16,337
Priest Rapids	Water	272,417	272,417
Quincy Chute	Water	29,163	29,163
Wanapum	Water	559,710	559,710
<b>Total</b>		<b>902,147</b>	<b>902,147</b>



## Grant County PUD #2 (Rate Schedule 13)

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	100.00 %	20,500
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	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>20,500</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Priest Rapids	Water	10,250	10,250
Wanapum	Water	10,250	10,250
<b>Total</b>		<b>20,500</b>	<b>20,500</b>

## Grays Harbor 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	73.98 %	763,966
Natural Gas	0.00 %	0
Nuclear	10.60 %	109,427
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	3.09 %	31,934
Unspecified	12.33 %	127,274
<b>Total</b>	<b>100.00 %</b>	<b>1,032,601</b>

### BPA Claims

Fuel	MWh
Hydro	758,705
Nuclear	109,427
<b>SubTotal</b>	<b>868,132</b>
BPA Unspecified Purchase	104,355
<b>BPA Total</b>	<b>972,487</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	22,919
<b>Total</b>	<b>22,919</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	5,261	5,261
Nine Canyon	Wind	31,934	31,934
<b>Total</b>		<b>37,195</b>	<b>37,195</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	68.18 %	782,685
Natural Gas	0.00 %	0
Nuclear	9.83 %	112,886
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.40 %	4,620
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	12.21 %	140,165
Unspecified	9.38 %	107,653
<b>Total</b>	<b>100.00 %</b>	<b>1,148,009</b>

### BPA Claims

Fuel	MWh
Hydro	782,685
Nuclear	112,886
<b>SubTotal</b>	<b>895,571</b>
BPA Unspecified Purchase	107,653
<b>BPA Total</b>	<b>1,003,224</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Apex Solar	Solar	4,620	4,620
Condon Windpower LLC	Wind	8,217	8,217
FPL Energy Vansycle LLC (WA)	Wind	29,438	29,438
Horse Butte Wind I, LLC	Wind	22,785	22,785
Klondike Wind Power	Wind	2,729	2,729
Klondike Windpower III	Wind	22,793	22,793
Leaning Juniper	Wind	10,300	10,300
Meadow Creek Project Company	Wind	38,903	38,903
Two Ponds Windfarm	Wind	5,000	5,000
<b>Total</b>		<b>144,785</b>	<b>144,785</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	78.02 %	313,833
Natural Gas	0.00 %	0
Nuclear	11.25 %	45,264
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	10.73 %	43,166
<b>Total</b>	<b>100.00 %</b>	<b>402,263</b>

### BPA Claims

Fuel	MWh
Hydro	313,833
Nuclear	45,264
<b>SubTotal</b>	<b>359,097</b>
BPA Unspecified Purchase	43,166
<b>BPA Total</b>	<b>402,263</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	78.02 %	25,315
Natural Gas	0.00 %	0
Nuclear	11.25 %	3,651
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	10.73 %	3,482
<b>Total</b>	<b>100.00 %</b>	<b>32,448</b>

### BPA Claims

Fuel	MWh
Hydro	25,315
Nuclear	3,651
<b>SubTotal</b>	<b>28,966</b>
BPA Unspecified Purchase	3,482
<b>BPA Total</b>	<b>32,448</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	69.87 %	358,144
Natural Gas	0.00 %	0
Nuclear	8.88 %	45,536
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	21.25 %	108,904
<b>Total</b>	<b>100.00 %</b>	<b>512,584</b>

### BPA Claims

Fuel	MWh
Hydro	315,719
Nuclear	45,536
<b>SubTotal</b>	<b>361,255</b>
BPA Unspecified Purchase	43,425
<b>BPA Total</b>	<b>404,680</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	65,480
<b>Total</b>	<b>65,480</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
McNary Dam Fish Attraction Project	Water	40,669	40,669
Packwood	Water	1,756	1,756
<b>Total</b>		<b>42,425</b>	<b>42,425</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	78.02 %	205,607
Natural Gas	0.00 %	0
Nuclear	11.25 %	29,655
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	10.73 %	28,280
<b>Total</b>	<b>100.00 %</b>	<b>263,542</b>

### BPA Claims

Fuel	MWh
Hydro	205,607
Nuclear	29,655
<b>SubTotal</b>	<b>235,262</b>
BPA Unspecified Purchase	28,280
<b>BPA Total</b>	<b>263,542</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	71.67 %	697,840
Natural Gas	0.00 %	0
Nuclear	10.29 %	100,233
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	1.08 %	10,482
Unspecified	16.96 %	165,176
<b>Total</b>	<b>100.00 %</b>	<b>973,731</b>

### BPA Claims

Fuel	MWh
Hydro	694,954
Nuclear	100,233
<b>SubTotal</b>	<b>795,187</b>
BPA Unspecified Purchase	95,586
<b>BPA Total</b>	<b>890,773</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	69,590
<b>Total</b>	<b>69,590</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Burton Creek Hydro	Water	662	662
Nine Canyon	Wind	10,482	10,482
Packwood	Water	2,224	2,224
<b>Total</b>		<b>13,368</b>	<b>13,368</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	79.59 %	69,599
Natural Gas	0.00 %	0
Nuclear	10.45 %	9,137
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	9.96 %	8,713
<b>Total</b>	<b>100.00 %</b>	<b>87,449</b>

### BPA Claims

Fuel	MWh
Hydro	63,349
Nuclear	9,137
<b>SubTotal</b>	<b>72,486</b>
BPA Unspecified Purchase	8,713
<b>BPA Total</b>	<b>81,199</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Lilliwaup Falls Generating	Water	6,031	6,031
Rocky Brook Hydroelectric	Water	219	219
<b>Total</b>		<b>6,250</b>	<b>6,250</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	68.48 %	492,956
Natural Gas	0.00 %	0
Nuclear	9.76 %	70,226
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	0.02 %	156
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	12.99 %	93,488
Unspecified	8.75 %	63,004
<b>Total</b>	<b>100.00 %</b>	<b>719,830</b>

### BPA Claims

Fuel	MWh
Hydro	486,905
Nuclear	70,226
<b>SubTotal</b>	<b>557,131</b>
BPA Unspecified Purchase	66,971
BPA Unspecified Purchase Adjustment Using RECs	-3,967
<b>BPA Total</b>	<b>620,135</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Condon Windpower LLC	Wind	576	576
Distributed Generation--Solar (WA)	Solar	156	156
FPL Energy Vansycle LLC (OR)	Wind	1,868	1,868
Klondike Wind Power	Wind	190	190
Klondike Windpower III	Wind	1,333	1,333
Nine Canyon	Wind	6,150	6,150
Packwood	Water	6,050	6,050
White Creek Wind Farm	Wind	83,371	83,371
<b>Total</b>		<b>99,694</b>	<b>99,694</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	78.01 %	23,783
Natural Gas	0.00 %	0
Nuclear	11.25 %	3,430
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	10.74 %	3,273
<b>Total</b>	<b>100.00 %</b>	<b>30,486</b>

### BPA Claims

Fuel	MWh
Hydro	23,783
Nuclear	3,430
<b>SubTotal</b>	<b>27,213</b>
BPA Unspecified Purchase	3,273
<b>BPA Total</b>	<b>30,486</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	78.02 %	45,000
Natural Gas	0.00 %	0
Nuclear	11.25 %	6,490
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	10.73 %	6,189
<b>Total</b>	<b>100.00 %</b>	<b>57,679</b>

### BPA Claims

Fuel	MWh
Hydro	45,000
Nuclear	6,490
<b>SubTotal</b>	<b>51,490</b>
BPA Unspecified Purchase	6,189
<b>BPA Total</b>	<b>57,679</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	78.02 %	185,471
Natural Gas	0.00 %	0
Nuclear	11.25 %	26,750
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	10.73 %	25,510
<b>Total</b>	<b>100.00 %</b>	<b>237,731</b>

### BPA Claims

Fuel	MWh
Hydro	185,471
Nuclear	26,750
<b>SubTotal</b>	<b>212,221</b>
BPA Unspecified Purchase	25,510
<b>BPA Total</b>	<b>237,731</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	78.02 %	51,474
Natural Gas	0.00 %	0
Nuclear	11.25 %	7,424
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	10.73 %	7,080
<b>Total</b>	<b>100.00 %</b>	<b>65,978</b>

### BPA Claims

Fuel	MWh
Hydro	51,474
Nuclear	7,424
<b>SubTotal</b>	<b>58,898</b>
BPA Unspecified Purchase	7,080
<b>BPA Total</b>	<b>65,978</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	77.19 %	220
Natural Gas	0.00 %	0
Nuclear	11.23 %	32
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	11.58 %	33
<b>Total</b>	<b>100.00 %</b>	<b>285</b>

### BPA Claims

Fuel	MWh
Hydro	220
Nuclear	32
<b>SubTotal</b>	<b>252</b>
BPA Unspecified Purchase	29
<b>BPA Total</b>	<b>281</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	4
<b>Total</b>	<b>4</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	78.02 %	78,766
Natural Gas	0.00 %	0
Nuclear	11.25 %	11,360
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	10.73 %	10,833
<b>Total</b>	<b>100.00 %</b>	<b>100,959</b>

### BPA Claims

Fuel	MWh
Hydro	78,766
Nuclear	11,360
<b>SubTotal</b>	<b>90,126</b>
BPA Unspecified Purchase	10,833
<b>BPA Total</b>	<b>100,959</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	76.85 %	55,707
Natural Gas	0.00 %	0
Nuclear	11.08 %	8,035
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	12.07 %	8,751
<b>Total</b>	<b>100.00 %</b>	<b>72,493</b>

### BPA Claims

Fuel	MWh
Hydro	55,707
Nuclear	8,035
<b>SubTotal</b>	<b>63,742</b>
BPA Unspecified Purchase	7,663
<b>BPA Total</b>	<b>71,405</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	1,090
<b>Total</b>	<b>1,090</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	46.97 %	304,377
Natural Gas	0.00 %	0
Nuclear	6.77 %	43,900
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	46.26 %	299,790
<b>Total</b>	<b>100.00 %</b>	<b>648,067</b>

### BPA Claims

Fuel	MWh
Hydro	304,377
Nuclear	43,900
<b>SubTotal</b>	<b>348,277</b>
BPA Unspecified Purchase	41,866
<b>BPA Total</b>	<b>390,143</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	257,925
<b>Total</b>	<b>257,925</b>

## Orcas Power & Light Co-op

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	77.54 %	176,377
Natural Gas	0.00 %	0
Nuclear	11.18 %	25,439
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	11.28 %	25,658
<b>Total</b>	<b>100.00 %</b>	<b>227,474</b>

### BPA Claims

Fuel	MWh
Hydro	176,377
Nuclear	25,439
<b>SubTotal</b>	<b>201,816</b>
BPA Unspecified Purchase	24,260
<b>BPA Total</b>	<b>226,076</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	1,398
<b>Total</b>	<b>1,398</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	70.13 %	228,756
Natural Gas	0.00 %	0
Nuclear	10.11 %	32,993
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	19.76 %	64,474
<b>Total</b>	<b>100.00 %</b>	<b>326,223</b>

### BPA Claims

Fuel	MWh
Hydro	228,756
Nuclear	32,993
<b>SubTotal</b>	<b>261,749</b>
BPA Unspecified Purchase	31,465
<b>BPA Total</b>	<b>293,214</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	33,009
<b>Total</b>	<b>33,009</b>

## PacifiCorp

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.00 %	0
Coal	34.82 %	1,387,691
Geothermal	0.48 %	19,207
Hydro	8.12 %	323,648
Natural Gas	18.83 %	750,211
Nuclear	0.06 %	2,315
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.04 %	1,537
Solar	2.12 %	84,600
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	15.10 %	601,724
Unspecified	20.43 %	813,982
<b>Total</b>	<b>100.00 %</b>	<b>3,984,915</b>

#### BPA Claims

Fuel	MWh
Hydro	16,051
Nuclear	2,315
<b>SubTotal</b>	<b>18,366</b>
BPA Unspecified Purchase	2,206
<b>BPA Total</b>	<b>20,572</b>

#### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	811,774
<b>Total</b>	<b>811,774</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Adams Solar Center	Solar	4,236	4,236
Ashton	Water	2,335	2,335
Bear Creek Solar Center	Solar	4,604	4,604
Bend	Water	7	7
Big Fork	Water	1,942	1,942
Blundell	Geothermal	19,207	19,207
Bly Solar Center	Solar	3,847	3,847
Campbell Hill Windpower	Wind	22,910	22,910
Cedar Springs I	Wind	59,089	59,089
Cedar Springs II	Wind	44,955	44,955
Cedar Springs III	Wind	41,883	41,883
Chehalis Generating Facility	Distillate Fuel Oil	0	0
	Natural Gas	470,822	470,822
Clearwater 1	Water	1,958	1,958
Clearwater 2	Water	2,034	2,034
Colstrip	Waste/Other Oil	0	0
	Distillate Fuel Oil	94	94
	Subbituminous Coal	109,434	109,528
Copco 1	Water	5,527	5,527
Copco 2	Water	3,287	3,287
Cutler Hydro	Water	7,448	7,448
Dunlap	Wind	33,434	33,434
Eagle Point	Water	1,133	1,133
Ekola Flats	Wind	58,315	58,315

Elbe Solar Center	Solar	4,601	4,601
Enterprise Solar, LLC	Solar	46,536	46,536
Fall Creek	Water	515	515
Fish Creek	Water	1,416	1,416
Foote Creek I	Wind	16,679	16,679
Foote Creek III	Wind	1,487	1,487
Foote Creek IV	Wind	1,289	1,289
Glenrock	Wind	24,303	24,303
Goodnoe Hills	Wind	17,327	17,327
Grace	Water	5,639	5,639
Granite	Water	228	228
Gunlock	Water	165	165
Hermiston Generating Plant	Natural Gas	279,389	279,389
High Plains	Wind	26,477	26,477
Iron Gate	Water	6,306	6,306
Jim Bridger	Subbituminous Coal	1,278,257	
	Distillate Fuel Oil	1,443	1,279,700
John C Boyle	Water	14,856	14,856
Last Chance	Water	265	265
Leaning Juniper	Wind	19,707	19,707
Lemolo 1	Water	6,852	6,852
Lemolo 2	Water	9,171	9,171
Marengo Wind Plant	Wind	43,381	43,381
McFadden Ridge	Wind	8,074	8,074
Merwin	Water	36,493	36,493
Oneida	Water	3,282	3,282
Paris	Water	90	90
Pavant Solar, LLC	Solar	20,776	20,776
Pioneer	Water	1,452	1,452
Priest Rapids	Water	41,170	41,170
Prospect 2	Water	12,637	12,637
Rolling Hills	Wind	14,532	14,532
Sand Cove	Water	144	144
Seven Mile Hill	Wind	35,842	35,842
Slide Creek	Water	3,720	3,720
Soda	Water	1,324	1,324
Soda Springs	Water	3,057	3,057
Stairs	Water	323	323
Swift 1	Water	37,087	37,087
TB Flats	Wind	101,900	101,900
Toketee Falls	Water	12,884	12,884
Top of the World Windpower Project	Wind	19,721	19,721
Veyo	Water	46	46
Viva Naughton	Water	33	33
Wallowa Falls	Water	111	111
Wanapum	Water	45,470	45,470
Weber	Water	743	743
Wolverine Creek	Wind	10,419	10,419
Yale	Water	36,447	36,447
<b>Total</b>		<b>3,152,567</b>	<b>3,152,567</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	78.02 %	91,847
Natural Gas	0.00 %	0
Nuclear	11.25 %	13,247
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	10.73 %	12,632
<b>Total</b>	<b>100.00 %</b>	<b>117,726</b>

### BPA Claims

Fuel	MWh
Hydro	91,847
Nuclear	13,247
<b>SubTotal</b>	<b>105,094</b>
BPA Unspecified Purchase	12,632
<b>BPA Total</b>	<b>117,726</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	19.55 %	139,437
Natural Gas	0.00 %	0
Nuclear	2.82 %	20,111
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	77.63 %	553,770
<b>Total</b>	<b>100.00 %</b>	<b>713,318</b>

### BPA Claims

Fuel	MWh
Hydro	139,437
Nuclear	20,111
<b>SubTotal</b>	<b>159,548</b>
BPA Unspecified Purchase	19,179
<b>BPA Total</b>	<b>178,727</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	534,590
<b>Total</b>	<b>534,590</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	78.02 %	500,523
Natural Gas	0.00 %	0
Nuclear	11.25 %	72,190
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	10.73 %	68,843
<b>Total</b>	<b>100.00 %</b>	<b>641,556</b>

### BPA Claims

Fuel	MWh
Hydro	500,523
Nuclear	72,190
<b>SubTotal</b>	<b>572,713</b>
BPA Unspecified Purchase	68,843
<b>BPA Total</b>	<b>641,556</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	78.02 %	311,765
Natural Gas	0.00 %	0
Nuclear	11.25 %	44,966
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	10.73 %	42,881
<b>Total</b>	<b>100.00 %</b>	<b>399,612</b>

### BPA Claims

Fuel	MWh
Hydro	311,765
Nuclear	44,966
<b>SubTotal</b>	<b>356,731</b>
BPA Unspecified Purchase	42,881
<b>BPA Total</b>	<b>399,612</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	78.02 %	113,529
Natural Gas	0.00 %	0
Nuclear	11.25 %	16,374
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	10.73 %	15,616
<b>Total</b>	<b>100.00 %</b>	<b>145,519</b>

### BPA Claims

Fuel	MWh
Hydro	113,529
Nuclear	16,374
<b>SubTotal</b>	<b>129,903</b>
BPA Unspecified Purchase	15,616
<b>BPA Total</b>	<b>145,519</b>

## Puget Sound Energy

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	454
Biomass	0.60 %	125,738
Coal	17.61 %	3,663,321
Geothermal	0.00 %	0
Hydro	29.57 %	6,152,717
Natural Gas	29.92 %	6,224,678
Nuclear	0.20 %	40,594
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.24 %	50,143
Petroleum	0.06 %	13,096
Solar	0.01 %	1,271
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	21.60 %	4,494,409
Unspecified	0.19 %	38,711
<b>Total</b>	<b>100.00 %</b>	<b>20,805,132</b>

### BPA Claims

Fuel	MWh
Hydro	281,455
Nuclear	40,594
<b>SubTotal</b>	<b>322,049</b>
BPA Unspecified Purchase	38,711
<b>BPA Total</b>	<b>360,760</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bridge River	Water	2,107	2,107
Cheakamus Generating Station	Water	131	131
Clearwater Wind I	Wind	1,318,219	1,318,219
Colstrip	Distillate Fuel Oil	1,407	
	Waste/Other Oil	0	
	Subbituminous Coal	1,632,650	1,634,057
Condon Windpower LLC	Wind	897	897
Crystal Mountain	Distillate Fuel Oil	21	21
Encogen	Distillate Fuel Oil	0	
	Natural Gas	551,900	551,900
Ferndale Generating Station	Distillate Fuel Oil	3,220	
	Natural Gas	931,456	934,676
FPL Energy Vansycle LLC (WA)	Wind	1,694	1,694
Frederickson	Distillate Fuel Oil	4,970	
	Natural Gas	92,564	97,534
Frederickson Power LP	Natural Gas	555,727	555,727
Fredonia	Natural Gas	590,173	
	Distillate Fuel Oil	873	591,046
GM Shrum	Water	1,296,656	1,296,656
Golden Hill Wind	Wind	597,384	597,384
Goldendale Generating Station	Natural Gas	1,352,323	1,352,323
HF Sinclair Puget Sound Refining	Other Gas	50,143	
	Distillate Fuel Oil	0	
	Natural Gas	150,122	

	Jet Fuel	0	200,265
Hidden Hollow Energy	Landfill Gas	454	454
Hopkins Ridge Wind	Wind	411,046	411,046
Klondike Wind Power	Wind	439	439
Klondike Windpower III	Wind	144,666	144,666
Kootenay	Water	3,412	3,412
Lower Baker	Water	106,440	106,440
Lower Snake River Wind Energy Project	Wind	964,634	964,634
MIC	Water	356,182	356,182
Mint Farm Generating Station	Natural Gas	1,215,966	1,215,966
Nine Canyon	Wind	7,200	7,200
Peace Canyon	Water	2,662	2,662
Priest Rapids	Water	251,513	251,513
Revelstoke	Water	30,974	30,974
Rock Island	Water	665,057	665,057
Rocky Reach	Water	1,435,015	1,435,015
Selis Ksanka Qlispe	Water	350,058	350,058
Seven Mile	Water	2,411	2,411
Sierra Pacific Burlington Facility	Wood/Wood Waste Solids	125,738	125,738
Snoqualmie	Water	4,515	4,515
Snoqualmie 2	Water	13,337	13,337
Sumas Power Plant	Natural Gas	510,246	510,246
Transalta Centralia Generation	Refined Coal	0	
	Waste/Other Coal	0	
	Subbituminous Coal	2,030,672	
	Distillate Fuel Oil	2,417	2,033,089
Upper Baker	Water	270,892	270,892
Wanapum	Water	82,329	82,329
Wells	Water	997,571	997,571
Whitehorn	Natural Gas	274,201	
	Distillate Fuel Oil	187	274,388
Wild Horse	Solar	1,271	
	Wind	1,048,230	1,049,501
<b>Total</b>		<b>20,444,372</b>	<b>20,444,372</b>

## Puget Sound Energy Green Direct Program

### 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	46.00 %	333,154
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	54.00 %	391,087
Unspecified	0.00 %	0
<b>Total</b>	<b>100.00 %</b>	<b>724,241</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Lund Hill Solar	Solar	333,154	333,154
Skookumchuck Wind Facility	Wind	391,087	391,087
<b>Total</b>		<b>724,241</b>	<b>724,241</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	73.48 %	734,152
Natural Gas	0.00 %	0
Nuclear	10.60 %	105,886
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.07 %	729
Petroleum	0.00 %	0
Solar	0.50 %	5,018
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	0.00 %	0
Unspecified	15.35 %	153,393
<b>Total</b>	<b>100.00 %</b>	<b>999,178</b>

### BPA Claims

Fuel	MWh
Hydro	734,152
Nuclear	105,886
<b>SubTotal</b>	<b>840,038</b>
BPA Unspecified Purchase	100,977
<b>BPA Total</b>	<b>941,015</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	52,416
<b>Total</b>	<b>52,416</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Horn Rapids Solar, Storage and Training	Electricity for Energy Storage	729	
	Solar	5,018	5,747
<b>Total</b>		<b>5,747</b>	<b>5,747</b>

## Ruston, Town of

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.04 %	4
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	75.35 %	7,827
Natural Gas	0.00 %	0
Nuclear	6.32 %	657
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	1.03 %	107
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	11.22 %	1,166
Unspecified	6.04 %	627
<b>Total</b>	<b>100.00 %</b>	<b>10,388</b>

### BPA Claims

Fuel	MWh
Hydro	4,559
Nuclear	657
<b>SubTotal</b>	<b>5,216</b>
BPA Unspecified Purchase	627
<b>BPA Total</b>	<b>5,843</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Alder	Water	227	227
Benson Creek Windfarm (Burnt River)	Wind	62	62
Burley Butte Windpark	Wind	228	228
Condon Windpower LLC	Wind	6	6
Cosmo Specialty Fibers Inc.	Wood/Wood Waste Solids	4	4
Cushman 1	Water	123	123
Cushman 2	Water	191	191
Distributed generation - solar (WA)	Solar	1	1
Durbin Creek Windfarm (Burnt River)	Wind	78	78
Elkhorn Valley Wind Farm	Wind	26	26
FPL Energy Vansycle LLC (WA)	Wind	20	20
Grand Coulee Project Hydro Authority	Water	399	399
ID Solar	Solar	106	106
Jett Creek Windfarm (Burnt River)	Wind	57	57
LaGrande	Water	430	430
Mayfield	Water	846	846
Milner Dam Wind Park LLC	Wind	210	210
Mossyrock	Water	976	976
Mountain Home	Wind	13	13
Payne's Ferry	Wind	128	128
Pilgrim Stage Wind Park	Wind	67	67
Priest Rapids	Water	17	17



Prospector Windfarm (Burnt River)	Wind	57	57
Wanapum	Water	18	18
White Creek Wind Farm	Wind	98	98
Willow Spring Windfarm (Burnt River)	Wind	62	62
Wynoochee	Water	41	41
Yahoo Creek	Wind	54	54
<b>Total</b>		<b>4,545</b>	<b>4,545</b>

## Seattle City Light

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.95 %	91,147
Biomass	0.00 %	0
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	78.28 %	7,497,314
Natural Gas	0.00 %	0
Nuclear	4.65 %	445,831
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	8.24 %	789,681
Unspecified	7.88 %	755,009
<b>Total</b>	<b>100.00 %</b>	<b>9,578,982</b>

### BPA Claims

Fuel	MWh
Hydro	3,091,134
Nuclear	445,831
<b>SubTotal</b>	<b>3,536,965</b>
BPA Unspecified Purchase	425,165
<b>BPA Total</b>	<b>3,962,130</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	329,843
<b>Total</b>	<b>329,843</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Bonneville	Water	4,468	4,468
Boundary	Water	2,533,037	2,533,037
Camp Reed	Wind	63,689	63,689
Cedar Falls (WA)	Water	24,755	24,755
Chief Joseph	Water	20,211	20,211
Condon Windpower LLC	Wind	65,599	65,599
Cougar	Water	196	196
Diablo	Water	539,485	539,485
Eltopia Branch Canal 4.6	Water	573	573
FPL Energy Vansycle LLC (OR)	Wind	346,438	346,438
FPL Energy Vansycle LLC (WA)	Wind	12,406	12,406
Golden Valley Wind Park LLC	Wind	27,828	27,828
Gorge	Water	712,550	712,550
Grand Coulee	Water	28,099	28,099
Hills Creek	Water	238	238
Klondike Windpower III	Wind	8,601	8,601
Lookout Point	Water	654	654
Main Canal Headworks	Water	50,875	50,875
Oregon Trail Wind Park	Wind	34,576	34,576
Palisades Dam	Water	2,140	2,140
PaTu Wind Farm LLC	Wind	25,447	25,447
Potholes East Canal 66.0	Water	3,161	3,161
Priest Rapids	Water	9,752	9,752
Roseburg LFG	Landfill Gas	5,691	5,691

Ross	Water	246,621	246,621
Salmon Falls Wind Park	Wind	57,229	57,229
Sawtooth Wind Project	Wind	56,455	56,455
South Fork Tolt	Water	29,587	29,587
Summer Falls Power Plant	Water	190,309	190,309
Thousand Springs Wind Park	Wind	32,231	32,231
Tuana Gulch Wind Park	Wind	28,820	28,820
Tuana Springs	Wind	30,362	30,362
Wanapum	Water	9,469	9,469
Waste Management Columbia Ridge LFGTE	Landfill Gas	78,270	78,270
West Point Treatment Plant	Other Biomass Gas	7,186	
	Natural Gas	0	7,186
<b>Total</b>		<b>5,287,008</b>	<b>5,287,008</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	78.02 %	112,181
Natural Gas	0.00 %	0
Nuclear	11.25 %	16,180
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	10.73 %	15,431
<b>Total</b>	<b>100.00 %</b>	<b>143,792</b>

### BPA Claims

Fuel	MWh
Hydro	112,181
Nuclear	16,180
<b>SubTotal</b>	<b>128,361</b>
BPA Unspecified Purchase	15,431
<b>BPA Total</b>	<b>143,792</b>

## Snohomish County PUD #1

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	1.07 %	73,300
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	68.13 %	4,667,357
Natural Gas	0.00 %	0
Nuclear	9.75 %	667,804
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	3.17 %	217,354
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	8.58 %	587,802
Unspecified	9.30 %	636,848
<b>Total</b>	<b>100.00 %</b>	<b>6,850,465</b>

### BPA Claims

Fuel	MWh
Hydro	4,630,164
Nuclear	667,804
<b>SubTotal</b>	<b>5,297,968</b>
BPA Unspecified Purchase	636,848
<b>BPA Total</b>	<b>5,934,816</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Chopin Wind LLC	Wind	1	1
Condon Windpower LLC	Wind	5,351	5,351
Cosmo Specialty Fibers Inc.	Wood/Wood Waste Solids	3,625	3,625
Distributed generation - solar (WA)	Solar	16,936	16,936
Distributed Generation--Solar (OR)	Solar	183,680	183,680
Distributed Generation--Solar (WA)	Solar	16,738	16,738
FPL Energy Vansycle LLC (WA)	Wind	18,616	18,616
Goshen Phase II	Wind	13,629	13,629
Hampton Lumber Mill	Wood/Wood Waste Solids	64,366	64,366
Hay Canyon Wind Power LLC	Wind	173,497	173,497
Horseshoe Bend Wind LLC	Wind	22,304	22,304
Klondike Wind Power	Wind	15,092	15,092
Marengo Wind Plant	Wind	13,441	13,441
Meadow Creek Project Company	Wind	11,290	11,290
Nine Canyon	Wind	14,312	14,312
North Hurlburt Wind LLC	Wind	33,880	33,880
Priest Rapids	Water	14,164	14,164
Sierra Pacific Burlington Facility	Wood/Wood Waste Solids	5,001	5,001
South Hurlburt Wind LLC	Wind	22,004	22,004
Stimson	Wood/Wood Waste Solids	308	308
Wanapum	Water	22,461	22,461
Wheat Field Wind Power Project	Wind	193,603	193,603
White Creek Wind Farm	Wind	50,782	50,782
Woods Creek	Water	568	568

<b>Total</b>		<b>915,649</b>	<b>915,649</b>
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## 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	78.02 %	30,217
Natural Gas	0.00 %	0
Nuclear	11.25 %	4,358
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	10.73 %	4,156
<b>Total</b>	<b>100.00 %</b>	<b>38,731</b>

### BPA Claims

Fuel	MWh
Hydro	30,217
Nuclear	4,358
<b>SubTotal</b>	<b>34,575</b>
BPA Unspecified Purchase	4,156
<b>BPA Total</b>	<b>38,731</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	78.02 %	25,098
Natural Gas	0.00 %	0
Nuclear	11.25 %	3,620
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	10.73 %	3,452
<b>Total</b>	<b>100.00 %</b>	<b>32,170</b>

### BPA Claims

Fuel	MWh
Hydro	25,098
Nuclear	3,620
<b>SubTotal</b>	<b>28,718</b>
BPA Unspecified Purchase	3,452
<b>BPA Total</b>	<b>32,170</b>



## Tacoma Power

### Utility Fuel Mix

Fuel	Percent	Total MWh
Biogas	0.00 %	0
Biomass	0.04 %	1,860
Coal	0.00 %	0
Geothermal	0.00 %	0
Hydro	75.34 %	3,629,036
Natural Gas	0.00 %	0
Nuclear	6.33 %	304,907
Other Biogenic	0.00 %	0
Other Non-Biogenic	0.00 %	0
Petroleum	0.00 %	0
Solar	1.02 %	49,331
Unknown	0.00 %	0
Waste	0.00 %	0
Wind	11.23 %	541,125
Unspecified	6.04 %	290,774
<b>Total</b>	<b>100.00 %</b>	<b>4,817,033</b>

### BPA Claims

Fuel	MWh
Hydro	2,114,048
Nuclear	304,907
<b>SubTotal</b>	<b>2,418,955</b>
BPA Unspecified Purchase	290,774
<b>BPA Total</b>	<b>2,709,729</b>

### Claims on Power Plants

Plant Name	Fuel	MWh	Total MWh
Alder	Water	105,429	105,429
Benson Creek Windfarm (Burnt River)	Wind	28,520	28,520
Burley Butte Windpark	Wind	105,782	105,782
Condon Windpower LLC	Wind	2,880	2,880
Cosmo Specialty Fibers Inc.	Wood/Wood Waste Solids	1,846	1,846
Cushman 1	Water	56,887	56,887
Cushman 2	Water	88,197	88,197
Distributed Generation--Solar (WA)	Solar	320	320
Durbin Creek Windfarm (Burnt River)	Wind	36,061	36,061
Elkhorn Valley Wind Farm	Wind	12,147	12,147
FPL Energy Vansycle LLC (WA)	Wind	9,382	9,382
Grand Coulee Project Hydro Authority	Water	184,884	184,884
Hood Street Reservoir	Water	127	127
ID Solar	Solar	49,011	49,011
Jett Creek Windfarm (Burnt River)	Wind	26,313	26,313
LaGrande	Water	199,565	199,565
Mayfield	Water	392,443	392,443
Milner Dam Wind Park LLC	Wind	97,784	97,784
Mossyrock	Water	452,630	452,630
Mountain Home	Wind	5,987	5,987
Payne's Ferry	Wind	59,319	59,319
Pilgrim Stage Wind Park	Wind	31,285	31,285

Priest Rapids	Water	7,645	7,645
Prospector Windfarm (Burnt River)	Wind	26,617	26,617
Sierra Pacific Burlington Facility	Wood/Wood Waste Solids	14	14
Wanapum	Water	8,179	8,179
White Creek Wind Farm	Wind	45,408	45,408
Willow Spring Windfarm (Burnt River)	Wind	28,818	28,818
Wynoochee	Water	19,002	19,002
Yahoo Creek	Wind	24,822	24,822
<b>Total</b>		<b>2,107,304</b>	<b>2,107,304</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	78.02 %	81,474
Natural Gas	0.00 %	0
Nuclear	11.25 %	11,751
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	10.73 %	11,207
<b>Total</b>	<b>100.00 %</b>	<b>104,432</b>

### BPA Claims

Fuel	MWh
Hydro	81,474
Nuclear	11,751
<b>SubTotal</b>	<b>93,225</b>
BPA Unspecified Purchase	11,207
<b>BPA Total</b>	<b>104,432</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	74.96 %	185,925
Natural Gas	0.00 %	0
Nuclear	10.81 %	26,816
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	14.23 %	35,295
<b>Total</b>	<b>100.00 %</b>	<b>248,036</b>

### BPA Claims

Fuel	MWh
Hydro	185,925
Nuclear	26,816
<b>SubTotal</b>	<b>212,741</b>
BPA Unspecified Purchase	25,572
<b>BPA Total</b>	<b>238,313</b>

### Utility Unspecified Purchases

Type	MWh
Unspecified Purchase	9,723
<b>Total</b>	<b>9,723</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	78.02 %	37,864
Natural Gas	0.00 %	0
Nuclear	11.25 %	5,461
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	10.73 %	5,208
<b>Total</b>	<b>100.00 %</b>	<b>48,533</b>

### BPA Claims

Fuel	MWh
Hydro	37,864
Nuclear	5,461
<b>SubTotal</b>	<b>43,325</b>
BPA Unspecified Purchase	5,208
<b>BPA Total</b>	<b>48,533</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	78.02 %	189,257
Natural Gas	0.00 %	0
Nuclear	11.25 %	27,296
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	10.73 %	26,032
<b>Total</b>	<b>100.00 %</b>	<b>242,585</b>

### BPA Claims

Fuel	MWh
Hydro	189,257
Nuclear	27,296
<b>SubTotal</b>	<b>216,553</b>
BPA Unspecified Purchase	26,032
<b>BPA Total</b>	<b>242,585</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	78.02 %	122,248
Natural Gas	0.00 %	0
Nuclear	11.25 %	17,632
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	10.73 %	16,815
<b>Total</b>	<b>100.00 %</b>	<b>156,695</b>

### BPA Claims

Fuel	MWh
Hydro	122,248
Nuclear	17,632
<b>SubTotal</b>	<b>139,880</b>
BPA Unspecified Purchase	16,815
<b>BPA Total</b>	<b>156,695</b>