

Adequacy Assessment 70908 - Formatted

Pacific Northwest Regional Resource Adequacy Assessment

Capacity Reserve Margin Assessment 2013 Jan RM 40% Jan Threshold 23%  
 NWPCC Jul RM 29% Jul Threshold 24%  
 May 28, 2008 Last Update

Summary	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Peak Demand	25297	25800	27700	29975	29974	29026	27634	25724	25056	26103	27349	27115
Peak Resources	32424	33175	40463	41348	41842	39911	37140	35659	37917	34106	35297	33053
Reserve Margin	28%	29%	46%	38%	40%	37%	34%	39%	51%	31%	29%	22%
W/O Uncontracted	24%	25%	22%	16%	18%	15%	12%	17%	29%	27%	25%	18%

Sust Peak Demand	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Non-DSI	22979	23990	26458	28916	28871	27929	26072	23917	23195	23880	25110	24764
DSI	818	818	818	818	818	818	818	818	818	818	818	818
Coulee Pumping	137	65	2	2	2	2	28	158	238	255	274	238
<b>Total</b>	<b>23934</b>	<b>24873</b>	<b>27278</b>	<b>29736</b>	<b>29691</b>	<b>28749</b>	<b>26918</b>	<b>24893</b>	<b>24251</b>	<b>24953</b>	<b>26202</b>	<b>25820</b>

Sust Peak Resources	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Hydro	18855	19476	20071	20810	21278	19465	18857	19522	21853	23661	21760	19528
Hydro Flex	1000	1000	2000	2000	2000	2000	2000	2000	2000	1000	1000	1000
PNW Uncontracted	1000	1000	3553	3589	3592	3566	3062	2565	2532	1000	1000	1000
Out-of-PNW Uncontracted	0	0	3000	3000	3000	3000	3000	3000	3000	0	0	0
Non-Hydro	11569	11699	11839	11949	11972	11879	10221	8571	8531	8445	11537	11525

On-Peak Contracts	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Exports	2244	1850	1728	1724	1719	1715	1750	1750	1728	2237	2231	2219
Imports	881	923	1306	1485	1436	1438	1034	918	923	1088	1084	923

Hydro flex, PNW uncontracted and out-of-PNW uncontracted resources are reduced during the SW peak months June-October.

**LEGEND:**

**PEAK DEMAND:** Average load under normal temperatures over the peak load hours (6 hours/day over 3 weekdays).  
**HYDRO:** Hydro capacity for sustained peaking period based on 6-hour Trap output for lowest quintile.  
**HYDRO FLEX:** Additional hydro capacity over the sustained peaking period.  
**PNW UNCONTRACTED:** Merchant capacity located and available to the PNW, but not committed to load through long-term contracts.  
**OUT-OF-PNW UNCONTRACTED:** Out-of-region resources available to PNW based on an analysis of California winter surplus capacity.  
**NON-HYDRO:** Capacity available over sustained peaking period from all non-hydro resources accounting for maintenance outages & limited by fuel-supply constraints/environmental constraints (wind assumed at 5% plant factor for now).

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Capacity Reserve Margin Assessment

2013

NWPCC

May 28, 2008

Resource Detail	(MW/a)	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
18th Street (Springfield ICs,	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Alden Bailey (Loki)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amalgamated Sugar (TASC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amalgamated Sugar (TASC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barber Dam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Basin Creek 1 - 9	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
Beaver 1 - 7	467.7	479.2	490.0	496.4	497.0	492.6	428.1	364.5	358.4	353.0	461.7	460.9	460.9
Beaver 8	22.6	23.1	23.7	24.0	24.0	23.8	20.7	17.6	17.3	17.0	22.3	22.3	22.3
Bennett Mountain	164.2	169.7	174.5	177.8	178.0	175.6	151.3	128.1	125.2	122.8	159.6	160.1	160.1
Big Sheep Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biglow Canyon Ph I	5.3	4.1	4.8	5.4	5.8	5.1	6.0	6.0	6.8	6.8	6.0	6.3	6.0
Biomass One 1 & 2	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Birch Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blind Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Boardman	438.8	438.8	438.8	438.8	438.8	438.8	368.7	298.6	298.6	298.6	438.8	438.8	438.8
Boulder Park 1-6	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
Boundary GT	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Box Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Box Canyon 1 & 2	1.0	1.3	1.1	1.5	1.7	1.3	1.5	1.6	2.1	2.0	2.0	2.0	1.8
Briggs Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Broadwater	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.2	2.5	3.4	2.5	2.5	1.8
Bypass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cedar Draw Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Central Oregon Siphon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Centralia 1	100.0	100.0	100.0	100.0	100.0	100.0	84.0	68.1	68.1	68.1	100.0	100.0	100.0
Chehalis Generating Facility	489.4	501.4	512.7	519.4	520.0	515.4	448.0	381.4	374.9	369.3	483.0	482.2	482.2
Cleaver Hatchery (Dwors	0.3	0.4	0.4	0.5	0.6	0.4	0.5	0.5	0.7	0.7	0.7	0.7	0.6
Coffin Butte 1 - 5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Cogen II (D.R. Johnson) 1 &	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Colstrip 1	214.9	214.9	214.9	214.9	214.9	214.9	180.6	146.3	146.3	146.3	214.9	214.9	214.9
Colstrip 2	214.9	214.9	214.9	214.9	214.9	214.9	180.6	146.3	146.3	146.3	214.9	214.9	214.9

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Colstrip 3	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	
Colstrip 4	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0	555.0
Columbia Generating Statio	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0	1150.0
Combine Hills I	1.7	1.3	1.6	1.9	1.8	1.9	1.7	1.7	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Condon	2.1	1.6	1.9	2.2	2.2	2.3	2.0	2.4	2.4	2.4	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
COPCO 1 (1 & 2)	7.8	10.3	9.2	11.6	11.6	13.4	10.3	12.0	13.0	13.0	17.1	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
COPCO 2 (1 & 2)	10.5	13.7	12.2	15.5	15.5	17.8	13.8	16.0	17.3	17.3	22.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
Corrette (J.E. Corette)	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
Covanta Marion	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Cowiche Hydroelectric Proj	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Coyote Springs 1	227.8	235.4	242.2	246.7	246.7	247.0	243.6	209.9	177.8	177.8	173.7	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
Coyote Springs 2	243.5	251.6	258.8	263.7	263.7	264.0	260.4	224.4	190.0	190.0	185.7	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1	182.1
Crystal Mountain	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Danskin (Evander Andrews)	156.8	162.0	166.7	169.8	169.8	170.0	167.7	144.5	122.4	122.4	119.6	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
Danskin (Evander Andrews)	42.4	43.8	45.1	45.9	45.9	46.0	45.4	39.1	33.1	33.1	32.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
Danskin (Evander Andrews)	42.4	43.8	45.1	45.9	45.9	46.0	45.4	39.1	33.1	33.1	32.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
Deep Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dietrich Drop	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Don Plant (Simplot Pocatelli	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Dry Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Creek Landfill	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastound 4 & 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Elk Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Elkhorn	4.2	3.3	3.8	4.3	4.3	4.6	4.1	4.8	4.8	4.8	5.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Eltopia Branch Canal 4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Encogen 1-4	150.6	154.3	157.7	159.8	159.8	160.0	158.6	137.8	117.3	117.3	115.4	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6
Everett Cogeneration Proj	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
Evergreen Forest Products	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Fall Creek 1 - 3	0.7	0.9	0.8	1.0	1.0	1.1	0.9	1.0	1.1	1.1	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Fall River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Falls Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Farmers Irr. Dist. No. 2 (Cof	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Farmers Irr. Dist. No. 3 (Pet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Faulkner	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foote Creek 1	1.8	1.4	1.6	1.8	1.8	1.9	1.7	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Foote Creek 2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Foote Creek 4	0.7	0.6	0.6	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

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Fortix	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Fossil Gulch	0.4	0.3	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Frederickson 1	83.8	85.8	87.7	88.9	89.0	88.2	89.0	89.0	88.2	89.0	89.0	89.0	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
Frederickson 2	83.8	85.8	87.7	88.9	89.0	88.2	89.0	89.0	88.2	89.0	89.0	89.0	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
Frederickson Power 1	253.2	259.4	265.2	268.7	269.0	266.6	231.7	197.3	194.0	191.1	191.1	194.0	191.1	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3
Fredonia 1	116.7	119.6	122.2	123.9	124.0	122.9	106.8	90.9	89.4	88.1	115.2	115.0	88.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
Fredonia 2	116.7	119.6	122.2	123.9	124.0	122.9	106.8	90.9	89.4	88.1	115.2	115.0	88.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
Fredonia 3	57.4	58.8	60.1	60.9	61.0	60.5	55.1	49.7	48.9	48.2	56.7	56.6	48.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
Fredonia 4	56.5	57.9	59.2	59.9	60.0	59.5	54.2	48.9	48.1	47.4	55.7	55.6	47.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
Freres Lumber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Galesville	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geo-Bon No. 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia-Pacific (Camas)	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
Georgia-Pacific (Wauna)	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
Glenns Ferry Cogeneration	9.2	9.5	9.8	10.0	10.0	9.9	8.5	7.2	7.0	6.9	9.0	9.0	7.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Goldendale CC 1A & 1B	228.7	236.4	243.2	247.7	248.0	244.6	210.8	178.5	174.4	171.0	222.3	223.0	171.0	210.8	210.8	210.8	210.8	210.8	210.8	210.8	210.8	210.8	210.8	210.8	210.8
Goodhoe Hills	4.0	3.1	3.6	4.1	4.4	3.8	4.5	4.5	5.1	4.5	4.7	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Grant Village 1 & 2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
H.W. Hill (Roosevelt Biogas)	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Hampton Lumber	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Hazelton A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hazelton B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hermiston Generating Proje	217.7	224.9	231.4	235.7	236.0	232.8	200.6	169.9	166.0	162.8	211.6	212.2	162.8	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6
Hermiston Generating Proje	217.7	224.9	231.4	235.7	236.0	232.8	200.6	169.9	166.0	162.8	211.6	212.2	162.8	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6
Hidden Hollow	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hopkins Ridge	6.3	4.9	5.7	6.5	6.9	6.1	7.2	7.2	8.1	7.2	7.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Hoquiam Diesels	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Horseshoe Bend	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Horseshoe Bend Hydroelec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ingram Warm Springs Ranc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ingram Warm Springs Ranc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iron Gate	5.9	7.7	6.9	8.7	10.0	7.7	9.0	9.7	12.8	11.9	11.9	10.8	11.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Jim Bridger 1	530.0	530.0	530.0	530.0	530.0	530.0	445.4	360.7	360.7	360.7	530.0	530.0	360.7	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4
Jim Bridger 2	530.0	530.0	530.0	530.0	530.0	530.0	445.4	360.7	360.7	360.7	530.0	530.0	360.7	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4
Jim Bridger 3	530.0	530.0	530.0	530.0	530.0	530.0	445.4	360.7	360.7	360.7	530.0	530.0	360.7	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4
Jim Bridger 4	530.0	530.0	530.0	530.0	530.0	530.0	445.4	360.7	360.7	360.7	530.0	530.0	360.7	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4	445.4
Jim Ford Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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Nine Canyon	2.7	2.1	2.4	2.8	3.0	2.6	3.1	3.1	3.5	3.1	3.2	3.1	3.1
North Fork Sprague River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Valmy 1	127.0	127.0	127.0	127.0	127.0	127.0	106.7	86.4	86.4	86.4	127.0	127.0	127.0
North Valmy 2	129.0	129.0	129.0	129.0	129.0	129.0	108.4	87.8	87.8	87.8	129.0	129.0	129.0
Northeast 1	31.1	31.8	32.5	33.0	33.0	32.7	29.8	26.9	26.5	26.1	30.7	30.6	30.6
Northeast 2	31.1	31.8	32.5	33.0	33.0	32.7	29.8	26.9	26.5	26.1	30.7	30.6	30.6
Old Faithful 1 & 2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Olympic View 1 & 2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Opal Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Owyhee Dam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Owyhee Tunnel No. 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pasco (Franklin/Grays) GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pasco (Franklin/Grays) GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pasco (Franklin/Grays) GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pasco (Franklin/Grays) GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plummer Forest Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Point Whitehorn 2	83.8	85.8	87.7	88.9	89.0	88.2	76.7	65.3	64.2	63.2	82.7	82.5	82.5
Point Whitehorn 3	83.8	85.8	87.7	88.9	89.0	88.2	76.7	65.3	64.2	63.2	82.7	82.5	82.5
Port Westward CC1A & 1B	400.9	410.8	420.0	425.5	426.0	422.2	367.0	312.4	307.2	302.6	395.7	395.1	395.1
Portneuf River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Potholes East Canal 66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Potholes East Canal Headw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Potlatch (Lewiston) 1 - 4	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
Prather Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Raft River 1	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Rathdrum 1	81.2	83.9	86.3	87.9	88.0	86.8	74.8	63.3	61.9	60.7	78.9	79.1	79.1
Rathdrum 2	81.2	83.9	86.3	87.9	88.0	86.8	74.8	63.3	61.9	60.7	78.9	79.1	79.1
River Road Generating Plar	233.4	239.1	244.5	247.7	248.0	245.8	213.6	181.9	178.8	176.1	230.4	230.0	230.0
Rock Creek #1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rock Creek #2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rock River 1	2.1	1.6	1.9	2.2	2.3	2.0	2.4	2.4	2.7	2.4	2.5	2.4	2.4
Ross Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rough & Ready Lumber	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Rupert Cogeneration	9.2	9.5	9.8	10.0	10.0	9.9	8.5	7.2	7.0	6.9	9.0	9.0	9.0
Russell D. Smith	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmon 1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Salmon 2	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

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Savage Rapids Diversion	0.4	0.5	0.6	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Shasta River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Short Mountain 1 - 4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Shoshone/Shoshone II	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Pacific (Aberdeen)	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Sierra Pacific (Fredonia)	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Skookumchuck	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Slate Creek	1.4	1.8	1.6	2.0	2.3	1.8	2.1	2.3	2.3	3.0	2.8	2.8	2.8	2.5	2.5
South Dry Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
St. Anthony	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
Stataline	12.7	9.9	11.5	13.0	13.9	12.2	14.4	14.4	14.4	16.3	14.4	15.0	14.4	14.4	14.4
Sumas Energy	115.8	118.6	121.3	122.9	123.0	121.9	106.0	90.2	88.7	87.4	87.4	114.3	114.1	114.1	114.1
Summer Falls 1 & 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tenaska Washington Partn	230.6	236.2	241.5	244.7	245.0	242.8	211.1	179.7	176.7	174.0	174.0	227.6	227.2	227.2	227.2
Tiber-Montana	1.6	2.1	1.9	2.4	2.8	2.2	2.5	2.7	3.6	3.3	3.3	3.3	3.0	3.0	3.0
Tieton	4.4	5.8	5.2	6.6	7.6	5.9	6.8	7.4	9.7	9.0	9.0	9.0	8.1	8.1	8.1
Tuttle Ranch (Ravenscroft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Twin Falls (TFHA)	6.5	8.6	7.6	9.7	11.2	8.6	10.0	10.8	14.2	13.2	13.2	13.2	12.0	12.0	12.0
Twin Reservoirs	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
U.S. Bankcorp IC1 - IC4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
Upriver	4.6	6.0	5.3	6.8	7.8	6.0	7.0	7.6	9.9	9.2	9.2	9.3	8.4	8.4	8.4
Vaagen Brothers Lumber	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Vansycle Wind Energy Projt	1.1	0.8	1.0	1.1	1.2	1.0	1.2	1.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2
Wapato Drop 2 (#1)	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Wapato Drop 3 (#1 - 2)	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Weeks Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Weyerhaeuser (Springfield)	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Wheelabrator Spokane	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
White Creek	8.5	6.6	7.7	8.7	9.3	8.2	9.7	9.7	11.0	9.7	10.1	10.1	9.7	9.7	9.7
Wild Horse Wind	9.7	7.5	8.7	9.9	10.6	9.3	11.0	11.0	12.4	11.0	11.4	11.4	11.0	11.0	11.0
Wilson Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wolverine Creek	2.7	2.1	2.5	2.8	3.0	2.6	3.1	3.1	3.5	3.1	3.1	3.2	3.1	3.1	3.1
WSU Grimes Way Central S	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Yellowstone Energy (BGI)	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
<b>Total</b>	<b>11569</b>	<b>11699</b>	<b>11839</b>	<b>11949</b>	<b>11972</b>	<b>11879</b>	<b>10221</b>	<b>8571</b>	<b>8531</b>	<b>8445</b>	<b>8445</b>	<b>11537</b>	<b>11525</b>	<b>11525</b>	<b>11525</b>

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Uncommitted IPPs	233.4	239.1	244.5	247.7	248.0	245.8	213.6	181.9	178.8	176.1	230.4	230.0
Big Hanaford CC1A-1E	570.0	570.0	570.0	570.0	570.0	570.0	479.0	388.0	388.0	388.0	570.0	570.0
Centralia 1	670.0	670.0	670.0	670.0	670.0	670.0	563.0	456.0	456.0	456.0	670.0	670.0
Centralia 2	611.7	626.8	640.8	649.2	650.0	644.2	559.9	476.7	468.7	461.7	603.8	602.8
Grays Harbor Energy Facilit	488.8	505.2	519.7	529.4	530.0	522.7	450.5	381.5	372.8	365.5	475.1	476.6
Hermiston Power Project	442.7	457.5	470.6	479.4	480.0	473.4	408.0	345.5	337.6	331.1	430.3	431.7
Klamath Cogeneration Projk	47.1	48.2	49.3	49.9	50.0	49.6	45.1	40.8	40.1	39.5	46.4	46.4
Klamath Generation Peaker	47.1	48.2	49.3	49.9	50.0	49.6	45.1	40.8	40.1	39.5	46.4	46.4
Klamath Generation Peaker	300.2	307.6	314.5	318.6	319.0	316.1	274.8	234.0	230.0	226.6	296.3	295.8
Mint Farm	23.5	24.1	24.6	25.0	25.0	24.8	22.6	20.4	20.0	19.7	23.2	23.2
Morrow Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Point Treatment Plant	3435	3497	3553	3589	3592	3566	3062	2565	2532	2504	3392	3393
<b>Total</b>												

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