

Johnson, Stefanie (ATG)

From: Hopkins, William [william.hopkins@pse.com]
Sent: Monday, January 25, 2010 6:13 PM
To: Popoff, Phillip; Nightingale, David (UTC); Johnson, Steven (UTC); Kimball, Mary (ATG); J. Rachel Shimshak; Nancy Hirsh; ffitc, Simon (ATG); John Iles; Ann Gravatt; Rhys Roth; Jesse Berst; Dan Kirschner; Daeschel, Lea (ATG); RUBEN.LORENZO@nexteraenergy.com; Ksiazek, Paul; briangru@microsoft.com; Reynolds, Deborah (UTC); david.vanholde@kingcounty.gov; Stefan Brown; Steven Lafond; Michael Early; Kerry Donk; John Heberling; Gall, James; David Steeb; Dave Sloan; Lawrence Jones; Joe Ross; Bart_Jones@transcanada.com; Tom Foley (Climate Solutions); Terrance Meyer; Robert Kahn; Elizabeth Thomas; Danielle Dixon; Clint Kalich; burt@pugetsoundtidalpower.com; Paula Pyron; Daryl Maas; efinklea@EnergyActionNW.org; Dick@pnucc.org; Tom Eckman ; Scott Piscitello; Chuck Eberdt; Johnson, Stefanie (ATG); Murray, Chuck (COM); Rahn, Greg; Saldivar, Marty; Kathie Barnard; David Bennett; Sellers-Vaughn, Mark; Ken Ross; Dirk Middents
Cc: Englert, Eric; Stolarski, Robert W; Shirley, Calvin E - Cal; DeBoer, Tom; Ringel, H Grant
Subject: PSE WAC 480-109 Conservation Target to be Based on 5th Regional Power Plan
Attachments: Directions to our Bellevue Campus.doc; 5th Reg Pwr Pln UtilityTargetCalc_v1_7.xls
Importance: High

This e-mail is to inform you of a public meeting scheduled for January 27, 1:30 – 3:30 at the PSE Auditorium (map and directions attached). Those of you that are members of the Conservation Resources Advisory Group may receive a duplicate notice. T

The purpose of this meeting is to present and discuss the ten-year cumulative conservation potential and biennial conservation target that PSE will file by January 29, in accordance with the requirements of WAC 480-109-010.

The WAC rule for utilities to report their ten-year conservation potential and biennial target is as follows:

WAC 480-109 (3) (b) This report must identify whether the conservation council's plan or the utility's IRP and acquisition process were the source of its ten-year conservation potential. The report must also clearly state how the utility prorated this ten-year projection to create its two-year conservation target.

PSE will file its achievable ten-year conservation potential and biennial conservation target for 2010 - 2011 using the Northwest Power & Conservation Council's 5th Regional Plan as the basis. As identified to the IRP Advisory Group and Conservation Resources Advisory Group on December 31, 2009, PSE's share of the Council's 5th Power Plan, which is the plan currently in effect, is a cumulative ten-year potential of 219.3 aMW (1,921,253 MWh), with a 2010 - 2011 two year pro rata share of 42.7 aMW (374,244 MWh). A copy of the Council's 5th Power Plan calculator, showing PSE's share of the regional plan is attached. PSE has used Option 2 as the method for calculating its share of the power plan.

A conference line has been set up if you cannot attend in person. The call-in instructions are as follows:

To join the meeting:

Meeting Place Main Number 425-456-2500

Toll Free Number 888-228-0484

Meeting ID: 6789

Password: 5656

Bill Hopkins
Energy Efficiency Services

APPENDIX H

phone: 425-462-3391

e-mail: william.hopkins@pse.com

5th Plan Conservation Target Calculator

Introduction: The purpose of this calculator is to provide utilities with a simple means to compute "their share" of the Northwest Power and Conservation Council 5th Plan's regional conservation target. This calculator is intended to provide utilities with an "approximation" of the level of conservation they should target in order to be consistent with the Council's regional goals. The Council does not formally assign individual utility targets in its planning process. Individual utility conservation goals are best established through utility integrated resource planning processes which can better account for local conditions and legal requirements. Nevertheless, the results of this calculator can be used as rough guidance for utility conservation program planning until such time as a utility completes its own integrated resource plan or other similar process.

Instructions: Select utility from the pull-down menu in row 12. Three options are provided to calculate individual utility shares of the 5th Plan's conservation target. Option 1 is best suited for larger utilities whose retail sales across residential, commercial and industrial sectors reasonably match those of the entire region. Option 2 is best suited for any utility regardless of size that does not have significant retail sales to irrigated agriculture. Options 1 and 2 do not require any input data. Users only need to select the service territory of interest. Option 3 requires that the user enter the utility's 2006 retail sales to the irrigated agriculture sector (cell B30). Option 3 is the preferred approach since it best accounts for differences in both the resource potential and the 5th Plan's targets across sectors. The results for Option 3 are not valid unless a utility's irrigation sector retail sales have been entered by the user. *Note: Utilities that serve multiple states must add each state's results together to determine their totals.*

Version Number => **Utility Shares Based on EIA Data for =>** **Option 1 - Target Based on Utility Share of Total Regional Retail Sales** **Last Revised =>**

Select Utility Service Area **Annual Conservation Target (MWH)**

Page: Sound Energy Inc - WA

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average Annual Target 2005 - 2024
Total - All Sectors	17.72	18.41	19.09	19.77	20.45	21.13	21.81	22.50	23.18	23.86	24.54	23.86	15.00	13.63	285.0
Total - All Sectors	155,268.2	161,240.1	167,211.9	173,183.8	179,155.6	185,127.5	191,099.3	197,071.2	203,043.1	209,014.9	214,986.8	209,014.9	181,360.8	119,437.1	2,496,235.2

Option 2 - Target Based on Utility Share of Total Regional Retail Sales by Sector

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average Annual Target 2005 - 2024
Residential	7.58	8.00	8.42	8.84	9.27	9.69	10.11	10.53	10.95	11.37	12.63	13.06	9.27	7.68	137.3
Commercial	7.13	7.57	8.02	8.46	8.91	9.35	10.69	11.14	10.69	11.14	11.58	12.03	8.91	8.91	134.3
Industrial and Irrigated Agriculture	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.36	1.02	0.17	0.17	17.8
Total - All Sectors	16.23	17.10	17.97	18.83	19.70	20.57	22.15	23.02	23.17	24.03	25.57	26.10	18.34	16.66	288.5

Option 3 - Target Based on Utility Reported Share of Total Regional Retail Sales by Sector - Adjusted for Irrigation Sales

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average Annual Target 2005 - 2024
Residential	66,408.6	70,098.0	73,787.4	77,476.7	81,166.1	84,855.5	88,544.8	92,234.2	95,923.6	99,612.9	110,681.0	114,370.4	81,166.1	66,408.6	1,202,733.9
Commercial	62,435.0	66,337.1	70,239.3	74,141.5	78,043.7	81,945.9	85,848.1	89,750.3	93,652.4	97,554.6	101,456.8	105,359.0	78,043.7	78,043.7	1,376,460.0
Industrial and Irrigated Agriculture	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	13,365.3	11,890.3	10,310.2	1,485.0	1,485.0	159,243.8
Total - All Sectors	142,208.9	149,800.5	157,392.0	164,983.6	172,575.1	180,166.7	187,758.3	195,350.0	202,941.6	210,533.2	228,124.8	245,716.4	180,694.8	145,937.4	2,535,637.5

Sector	2006 Retail Sales (MWh)	Share of Regional Sales	2006 Irrigation Sales (MWh)	Adjusted Retail Sales (MWh)
Residential	10,654,059	16.85%	1,376,517	9,277,542
Commercial	9,060,957	17.82%	1,376,517	7,684,440
Irrigated Agriculture	1,376,517	3.94%	1,376,517	0
Total - All Sectors	21,091,533	13.63%	2,753,034	18,338,500

Option 3 - Target Based on Utility Reported Share of Total Regional Retail Sales by Sector - Adjusted for Irrigation Sales

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average Annual Target 2005 - 2024
Residential	7,581	8,002	8,423	8,844	9,265	9,687	10,108	10,529	10,950	11,371	12,635	13,056	9,265	7,581	12.6
Commercial	7,127	7,573	8,018	8,464	8,909	9,355	10,691	11,138	10,691	11,138	11,582	12,027	8,909	8,909	11.6
Industrial and Irrigated Agriculture	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,377	1,377	1,577	1,183	0.197	0.197	1.6
Total - All Sectors	16,088	16,955	17,822	18,688	19,555	20,421	22,179	23,046	23,219	24,085	25,794	26,266	18,372	16,687	25.8

Option 3 - Target Based on Utility Reported Share of Total Regional Retail Sales by Sector - Adjusted for Irrigation Sales

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average Annual Target 2005 - 2024
Residential	63,409	70,098	73,787	77,477	81,166	84,855	88,544	92,234	95,924	99,613	110,681	114,370	81,166	66,409	1,106,611
Commercial	62,435	66,337	70,239	74,142	78,044	81,946	85,848	89,752	93,652	97,555	101,457	105,359	78,044	78,044	1,014,571
Industrial and Irrigated Agriculture	12,091	12,091	12,091	12,091	12,091	12,091	12,091	12,091	12,091	12,091	13,818	10,364	1,727	1,727	13,818
Total - All Sectors	140,935	148,526	156,118	163,709	171,301	178,892	186,483	194,075	201,666	209,257	226,848	234,439	160,937	146,180	2,259,956