## 5th Plan Conservation Target Calculator Posted 1/27/2010

Introduction: The purpose of this calculator is to provide utilities with a simple means to compute "their share" of the Northwest Power and 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 utility service territory of interest. Option 3 requires that the user enter the utility's 2005 retail sales to the irrigated agriculture sector (cell i38). Option 3 is the is 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 states results together the determined by the user. It is the serve multiple states must add each states results together.

to determine their totals.																						
Version Number =	> 1_8		Utility Share	es Based on	EIA Data for		2007			Last Re					1/25/2010							
						Op	tion 1 - Ta	arget Base	ed on Utili	ty Share o	f Total Reg	gional Reta	il Sales									
Select Utility Service Area									Δnnıı	al Conservat	ion Target (s	MW)										Average
									Aillu	Jonaci vat	.c rarget (a										Total 2005 -	Annual Target 200
Puget Sound Energy Inc - WA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024	2024
Total - All Sectors	17.66	18.34	19.02	19.70	20.38	21.06	21.74	22.41	23.09	23.77	24.45	23.77	14.94	13.58	13.58	12.91	12.91	12.91	12.91	12.91	362.0	
																						Average
										al Conservati											Total 2005 -	Annual
	2005			2008	2009	2010	2011	2012	2013		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024	Target 200
Total - All Sectors	154,702.4	160,652.5	166,602.6	172,552.7	178,502.8	184,452.9	190,403.0	196,353.0	202,303.1	208,253.2	214,203.3	208,253.2	130,902.0	119,001.8	119,001.8	113,051.8	113,051.8	113,051.8	113,051.8	113,051.8	3,171,399.2	158,569.9
									11:11: 01													
	-					Option 2	2 - Target	Based on	Utility Sh	are of Tota	al Regiona	l Retail Sal	es by Sec	tor								•
																						Average
									_													Annual
	0005	1 0000		0000	0000	2012	0044	0040		I Conservat			0047	2010	0040	0000	2024	0000	0000	0004	Total 2005 -	Target 200
Year Besidential	2005			2008	2009	2010	2011	2012	2013		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024	2024
Residential Commercial	7.56 6.98	7.98 7.41	8.40 7.85	8.82 8.28	9.24 8.72	9.66 9.16	10.08 10.46	10.50 10.90	10.91 10.46	11.33 10.90	12.59 11.34	13.01 11.77	9.24 8.72	7.56 8.72	7.56 8.72	7.56 7.85	7.56 7.85	7.56 7.85	7.56 7.85	7.56 7.85	182.2 179.6	9.1 8.9
Industrial and Irrigated Agriculture	1.52	1.52	1.52	1.52	1.52	1.52	1.35	1.35	1.52	1.52	1.35	1.01	0.12	0.12	0.12	0.17	0.17	0.17	0.17	0.17	18.5	0.9
Total - All Sectors	16.05	16.90		18.62	19.47	20.33	21.89	22.74	22.89	23.75	25.28	25.80	18.12	16.44	16.44	15.57	15.57	15.57	15.57	15.57	380.4	19.0
																						Average
																						Annual
																					Total 2005 -	Target 200
Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024	2024
Residential	66,195.0 61,105.3	69,872.5 64,924.3	73,550.0 68,743.4	77,227.5 72,562.5	80,905.0 76,381.6	84,582.5 80,200.7	88,260.1 91,657.9	91,937.6 95,477.0	95,615.1 91,657.9	99,292.6 95,477.0	110,325.1 99,296.1	114,002.6 103,115.1	80,905.0 76,381.6	66,195.0 76,381.6	66,195.0 76,381.6	66,195.0 68,743.4	66,195.0 68,743.4	66,195.0 68,743.4	66,195.0 68,743.4	66,195.0 68,743.4	1,596,035.9 1,573,460.7	79,801.8
Commercial Industrial and Irrigated Agriculture	13,285.7	13,285.7	13,285,7	13.285.7	13.285.7	13.285.7	11.809.5	11,809.5	13.285.7	13.285.7	11.809.5	8.857.1	1,476.2	1,476.2	1,476.2	1.476.2	1,476.2	1,476.2	1,476.2	1,476.2	162.380.4	78,673.0 8.119.0
Total - All Sectors	140.586.0	148,082.6	155,579.1	163,075.7	170,572.3	178,068.9	191,727.4	199,224.0	200,558.6	208,055.2	221,430.6	225,974.8	158,762.8	144,052.8	144,052.8	136,414.7	136,414.7		136,414.7	136,414.7	3,331,877.0	166,593.8
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				Ontion	3 - Target	Based on	Utility Rer	norted Sha	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adius	sted for Irr	ination Sa	les						
		1		Option	3 - Target	Based on	Utility Rep		are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
			ElA instrudes in				j	Reported	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
	2006 Retail	Share of		rrigation sales	in its industrial	sector total. In	order to		are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
	Sales	Share of Regional	adjust for this,	rrigation sales	in its industrial		order to in MWH for	Reported Industrial	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
Sector			adjust for this, irrigation belov	rrigation sales , please enter y w in row 38. Th so that the tota	in its industrial your utility's 20 ne industrial se al still agrees w	sector total. In 06 retail sales ctor sales will u vith EIA data.	order to in MWH for update	Reported Industrial and	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
Residential	Sales (MWH) 10,909,007	Regional Sales 16.79%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. The so that the total Combined I	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale	sector total. In 06 retail sales octor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
Residential Commercial	Sales (MWH) 10,909,007 9,348,288	Regional Sales 16.79% 17.44%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture	are of Tot	al Regiona	l Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
Residential Commercial Industrial	Sales (MWH) 10,909,007	Regional Sales 16.79% 17.44% 3.92%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242	are of Tota	al Regiona	I Retail Sa	les by Sect	or - Adjus	sted for Irri	igation Sa	les						
Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242	Regional Sales 16.79% 17.44% 3.92% 0.00%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242	are of Tot	al Regiona	I Retail Sa	les by Sect	or - Adjus	sted for Irri	igation Sa	les						
Residential Commercial Industrial	Sales (MWH) 10,909,007 9,348,288	Regional Sales 16.79% 17.44% 3.92%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242	are of Tot	al Regiona	I Retail Sa	les by Sect	or - Adjus	sted for Irr	igation Sa	les						
Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242	Regional Sales 16.79% 17.44% 3.92% 0.00%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242		·			or - Adjus	sted for Irr	igation Sa	les						LAvorago
Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242	Regional Sales 16.79% 17.44% 3.92% 0.00%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242		al Regiona			or - Adjus	sted for Irr	igation Sa	les						
Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242	Regional Sales 16.79% 17.44% 3.92% 0.00%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242		·			or - Adjus	sted for Irr	igation Sa	les					Total 2005 -	Annual
Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242	Regional Sales 16.79% 17.44% 3.92% 0.00%	adjust for this, irrigation belov	rrigation sales please enter y w in row 38. Th so that the tota Combined II	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N	sector total. In 06 retail sales i ctor sales will u vith EIA data. es (MWh)=>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242		·			or - Adjus	2018	igation Sa	2020	2021	2022	2023	2024	Total 2005 - 2024	Annual
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 - 21,626,537	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%	adjust for this, irrigation belov automatically s	rrigation sales please enter y win row 38. Th so that the tota Combined II Net Indu Enter 2006 I	in its industrial your utility's 20 ne industrial se al still agrees w nd & Irrig Sale strial Sales (N rrigation Sale	sector total. In 06 retail sales ctor sales will to with EIA data. ss (MWh)=> ss (MWh) =>	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242	Annua	al Conservat	ion Target (N	иwн)					2021 7.557	<b>2022</b> 7.557	2023 7.557	<b>2024</b> 7.557		Annual Target 200 2024
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial	Sales (MWH) 10,999,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. Th so that the total Combined In Net Indu Enter 2006 I	in its industrial your utility's 20 re industrial sea I still agrees wind & Irrig Sale strial Sales (Norrigation Sales)  2009  9.236  8.719	sector total. In 06 retail sales ctor sales will with EIA data. es (MWh) =>	2011 10.075 10.463	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 	2013 10.915 10.463	2014 11.335 10.899	2015 12.594 11.335	2016 13.014 11.771	2017 9.236 8.719	2018 7.557 8.719	2019 7.557 8.719	2020 7.557 7.847	7.557 7.847	7.557 7.847	7.557 7.847	7.557 7.847	2024 182.2 179.6	Annual Target 200 2024 9.1 8.9
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557	Regional Sales  16.79% 17.44% 0.00% 13.58%  2006 7.976	adjust for this, irrigation belov automatically s	rrigation sales please enter y in row 38. The so that the tota Combined It Net Indu Enter 2006 I	in its industrial your utility's 20 ne industrial en industrial agrees w nd & Irrig Sale strial Sales (N rrigation Sale  2009 9.236	sector total. In 06 retail sales: ctor sales will t vith EIA data. ss (MWh)=> MWh) => s (MWh) => s (MWh) => 0.656	order to in MWH for update	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 -	Annua 2013 10.915	al Conservati 2014 11.335	2015 12.594	2016 13.014	2017 9.236	<b>2018</b> 7.557	2019 7.557	<b>2020</b> 7.557	7.557	7.557	7.557	7.557	<b>2024</b> 182.2	Annual Target 200 2024 9.1 8.9
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975 1,372	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411 1.372	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. This so that the total Combined I Met Indu Enter 2006 I	in its industrial signal signa	sector total. In 06 retail sales cotor sales will the ElA data. ss (MWh) ⇒ WWh) ⇒ S (MWh) ⇒ S (MWh) ⇒ 1.35 (MWh) ⇒ 1.35 (MWh) ⇒ 1.37 (MWh)	2011 10.075 10.463 1.372	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 10.495 10.899 1.372	2013 10.915 10.463 1.568	2014 11.335 10.899 1.568	2015 12.594 11.335 1.568	2016 13.014 11.771 1.176	2017 9.236 8.719 0.196	2018 7.557 8.719 0.196	2019 7.557 8.719 0.196	2020 7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	182.2 179.6 18.4	Annual Target 200 2024 9.1 8.9 0.9
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,999,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. Th so that the total Combined In Net Indu Enter 2006 I	in its industrial your utility's 20 re industrial sea I still agrees wind & Irrig Sale strial Sales (Norrigation Sales)  2009  9.236  8.719	sector total. In 06 retail sales ctor sales will with EIA data. es (MWh) =>	2011 10.075 10.463	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 	2013 10.915 10.463	2014 11.335 10.899	2015 12.594 11.335	2016 13.014 11.771	2017 9.236 8.719	2018 7.557 8.719	2019 7.557 8.719	2020 7.557 7.847	7.557 7.847	7.557 7.847	7.557 7.847	7.557 7.847	2024 182.2 179.6	Annual Target 200 2024 9.1 8.9 0.9
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975 1,372	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411 1.372	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. This so that the total Combined I Met Indu Enter 2006 I	in its industrial signal signa	sector total. In 06 retail sales cotor sales will the ElA data. ss (MWh) ⇒ WWh) ⇒ S (MWh) ⇒ S (MWh) ⇒ 1.35 (MWh) ⇒ 1.35 (MWh) ⇒ 1.37 (MWh)	2011 10.075 10.463 1.372	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 10.495 10.899 1.372	2013 10.915 10.463 1.568	2014 11.335 10.899 1.568	2015 12.594 11.335 1.568	2016 13.014 11.771 1.176	2017 9.236 8.719 0.196	2018 7.557 8.719 0.196	2019 7.557 8.719 0.196	2020 7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	182.2 179.6 18.4	Annual Target 200 2024 9.1 8.9 0.9
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975 1,372	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411 1.372	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. This so that the total Combined I Met Indu Enter 2006 I	in its industrial signal signa	sector total. In 06 retail sales cotor sales will the ElA data. ss (MWh) ⇒ WWh) ⇒ S (MWh) ⇒ S (MWh) ⇒ 1.35 (MWh) ⇒ 1.35 (MWh) ⇒ 1.37 (MWh)	2011 10.075 10.463 1.372	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 10.495 10.899 1.372	2013 10.915 10.463 1.568 - 22.946	2014 2014 11.335 10.899 1.568 - 23.802	2015 2015 12.594 11.335 1.568 25.497	2016 13.014 11.771 1.176 25.961	2017 9.236 8.719 0.196	2018 7.557 8.719 0.196	2019 7.557 8.719 0.196	2020 7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	182.2 179.6 18.4	Annual Target 200 2024 9.1 8.9 0.9 -
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975 1,372	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.976 7.411 1.372	adjust for this, irrigation below automatically s	rrigation sales please enter y win row 38. This so that the total Combined I Met Indu Enter 2006 I	in its industrial signal signa	sector total. In 06 retail sales cotor sales will the ElA data. ss (MWh) ⇒ WWh) ⇒ S (MWh) ⇒ S (MWh) ⇒ 1.35 (MWh) ⇒ 1.35 (MWh) ⇒ 1.37 (MWh)	2011 10.075 10.463 1.372	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 10.495 10.899 1.372	2013 10.915 10.463 1.568 - 22.946	2014 11.335 10.899 1.568	2015 2015 12.594 11.335 1.568 25.497	2016 13.014 11.771 1.176 25.961	2017 9.236 8.719 0.196	2018 7.557 8.719 0.196	2019 7.557 8.719 0.196	2020 7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	7.557 7.847 0.196	2024 182.2 179.6 18.4 - 380.2	Annual Target 200 2024 9.1 8.9 0.9 19.0 Average Annual
Residential Commercial Industrial Irrigated Agriculture Total - Ali Sectors  Year Residential Commercial Industrial Irrigated Agriculture	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537  2005 7.557 6.975 1.372 15.904	Regional Sales 16.79% 17.44% 3.92% 13.58%  2006 7.976 7.411 1.372 - 16.760	adjust for this, irrigation below automatically s	rrigation sales , please enter vi in row 38. Ti so that the tota Combined ii Net Indu Enter 2006 I  2008 8.816 8.283 1.372 18.471	in its industrial source in its industrial source industrial sea industrial sea industrial sea industrial sea industrial sea in its industrial sales (North industrial sales (	sector total. In 06 retail sales ctor sales will time ElA data. ets (MWh) => (MWh) =	2011 10.075 10.463 1.372 21.910	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,369,242 10,495 10,899 1,372 22,766	2013 10.915 10.483 1.568 22.946	2014 11.335 10.899 1.568 23.802	2015 12.594 11.335 1.568 25.497	2016 13.014 11.771 1.176 - 25.961	2017 9.236 8.719 0.196 - 18.151	2018 7.557 8.719 0.196 - 16.472	2019 7.557 8.719 0.196 - 16.472	2020 7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	2024 182.2 179.6 18.4 - 380.2	Annual Target 200 2024 9.1 8.9 0.9 19.0 Average Annual Target 200
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537  2005 7,557 6,975 1,372 15,904	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.764 11.372 16.760	2007 2007 2007 2007 2007 2007 2007 2007	rrigation sales please enter vi in row 38. Ti so that the tota Combined ti Net Indu Enter 2006 I  2008 8.816 8.283 1.372 - 18.471	in its industrial sin its industrial solution in its industrial sea industrial sea al still agrees with a still agrees with a still agrees with a still agree sea strial Sales (North agrees) and a strig Sales (North agrees) and a string str	sector total. In 06 retail sales ctor sales will use toto sales will use toto sales will use toto sales will use to sales will use the sales will use to sales will use the sa	2011 10.075 10.463 1.372 21.910	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,049,242 10.495 10.495 1.372 22.766	2013 10.915 10.463 1.568 - 22.946 Annua	2014 2014 11.335 10.899 1.568 23.802	2015 2015 12.594 11.335 1.568 25.497 ion Target (N	2016 2016 13.014 11.771 1.176 - 25.961	2017 9.236 8.719 0.196 	2018 7.557 8.719 0.196 - 16.472	2019 7.557 8.719 0.196 - 16.472	2020 7.557 7.847 0.196 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	2024 182.2 179.6 18.4 - 380.2 Total 2005 - 2024	Annual Target 200 2024 9.1 8.9 0.9 19.0 Average Annual
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537  2005 7.557 6.975 1.372 - 15.904	Regional Sales 16.79% 17.44% 3.92% 13.58%  2006 7.976 7.976 1.417 1.472 - 16.760	adjust for this, irrigation below automatically s	rrigation sales please enter vi in row 38. Ti so that the tota Combined Ii Net Indu Enter 2006 I  2008 8.816 8.283 1.372 18.471 2008 77,228	in its industrial solution in its industrial sol	sector total. In 06 retail sales ctor sales will tim EIA data. Is (MWh)⇒> s (MWh)⇒> s (MWh)⇒> s (MWh)⇒> 2010 9.656 9.155 1.372 20.183	2011 10.075 10.463 1.372 21.910	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,369,242 1,369,242 1,369,242 1,269,10,899 1,372 22.766	2013 10.915 10.463 1.568 22.946 Annua 2013 95,615	2014 11.335 10.899 1.568 23.802	2015 12.594 11.335 1.568 25.497 2015	2016 13.014 11.771 1.176 25.961	2017 9.236 8.719 0.196 - 18.151	2018 7.557 8.719 0.196 - 16.472	2019 7.557 8.719 0.196 - 16.472	2020 7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600 2024 66,195	2024 182.2 179.6 18.4 - 380.2 Total 2005 - 2024 1,596,036	Target 200 2024 9.11 8.99 0.99 19.00 Average Annual Target 200 2024 79,801.4
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537  2005 7,557 6,975 1,372 15,904	Regional Sales 16.79% 17.44% 3.92% 0.00% 13.58%  2006 7.741 1.372 16.760	2007 2007 2007 2007 2007 2007 2007 2007	rrigation sales please enter un in row 38. Tis so that the total Combined II Net Indu Enter 2006 I 2008 8.816 8.283 1.372 18.471	in its industrial sin its industrial solution in its industrial sea industrial sea al still agrees with a still agrees with a still agrees with a still agree sea strial Sales (North agrees) and a strig Sales (North agrees) and a string str	sector total. In 06 retail sales ctor sales will use toto sales will use toto sales will use toto sales will use to sales will use the sales will use to sales will use the sa	2011 10.075 10.463 1.372 21.910	Reported Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,049,242 10.495 10.495 1.372 22.766	2013 10.915 10.463 1.568 - 22.946 Annua	2014 2014 11.335 10.899 1.568 23.802	2015 2015 12.594 11.335 1.568 25.497 ion Target (N	2016 2016 13.014 11.771 1.176 - 25.961	2017 9.236 8.719 0.196 	2018 7.557 8.719 0.196 - 16.472	2019 7.557 8.719 0.196 - 16.472	2020 7.557 7.847 0.196 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	7.557 7.847 0.196 - 15.600	2024 182.2 179.6 18.4 - 380.2 Total 2005 - 2024	Annual Target 200 2024 9.1 8.9 0.9 19.0 Average Annual Target 200 2024 79,801. 78,673.
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7,557 6,975 1,372 15,904 2005 66,195 61,105	Regional Sales 16,79% 17,44% 19,744% 19,744% 19,744% 19,7411 19,72 16,760 2006 69,873 64,924 12,018	2007 8.396 7.847 1.372 1.7615	rrigation sales please enter vi in row 38. Ti so that the tota Combined in Net Indu Enter 2006 1  2008 8.816 8.283 1.372 18.471  2008 77.228 72.563 12,018	in its industrial your utility's 20 en industrial se la still agrees with a \$1 still agree with a \$1 still agr	sector total. In 06 retail sales ctor sales will in 06 retail sales ctor sales will with E1A data. ets (MWh)⇒ so (MWh)⇒ so (MWh)⇒ so (MWh)⇒ 2010 9.656 9.155 1.372 - 20.183 20.183 80.201 12.018	2011 10,075 10,463 1.372 21,910 2011 88,260 91,658 12,018	Reported Industrial and Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,369,242 1,372 22,766 222,766	2013 10.915 10.483 1.568 22.946 Annu: 2013 95,615 91,658 13,734	2014 11.335 10.899 1.568 23.802 2014 2014 2014 395,437 13.734	2015 12.594 11.335 1.568 25.497 2015 110.325 99.296 13,734	2016 13.014 11.771 1.176 - 25.961 114.003 103.115 10.301	2017 9.236 8.719 0.196 - 18.151 2017 80.905 76.382 1,717	2018 7.557 8.719 0.196 - 16.472 2018 66.195 76,362 1,717	2019 7.557 8.719 0.196 - 16.472 2019 66.195 76,382 1,717	2020 7.557 7.847 0.196 - 15.600 2020 66.195 68,743 1,717	7.557 7.847 0.196 	7.557 7.847 0.196 - 15.600 2022 66.195 68,743 1,717	7.557 7.847 0.196 - 15.600 2023 66,195 68,743 1,717	7.557 7.847 0.196 - 15.600 2024 66,195 68,743 1,717	2024 182.2 179.6 18.4 - 380.2 Total 2005 - 2024 1,596,036 1,573,461 161,379	Annual Target 200 2024 9.1 8.9 0.9 19.0 Average Annual Target 200 2024 79,801. 78,673.
Residential Commercial Industrial Irrigated Agriculture Total - All Sectors  Year Residential Commercial Industrial Irrigated Agriculture Total - All Sectors	Sales (MWH) 10,909,007 9,348,288 1,369,242 21,626,537 2005 7.557 6,975 1,372 15,904 2005 66,195 61,105	Regional Sales 16.79% 17.44% 17.44% 18.29% 19.00% 19.58% 2006 7.411 1.372 16.760	2007 8.396 7.847 1.372 17.615	rrigation sales , please enter vi in row 38. Ti so that the tota Combined li Net Indu Enter 2006 l  2008 8.816 8.283 1.372 18.471  2008 77,228	in its industrial vour utility's 20 en industrial se al still agrees who d' & Irrig Sale strial Sales (Norrigation Sales (Norri	sector total. In 06 retail sales cotor sales will in 06 retail sales cotor sales will in E1A data. ets (MWh) ⇒> s(MWh) ⇒> s(MWh) ⇒> s(MWh) ⇒> 2010  9.656  9.155  1.372  20.183	2011 10.075 10.463 1.372 21.910 2018 2019 2019 2019 2019 2019 2019 2019 2019	Reported Industrial and Industrial and Irrigated Agriculture 1,369,242 1,369,242 1,369,242 1,369,242 1,372 2,766 1,372 2,766	2013 10.915 10.463 1.568 - 22.946 Annua 2013 95,615 91,658	2014 11.335 10.899 1.568 - 23.802 al Conservat 2014 99,293 95,477	2015 12.594 11.335 1.568 - 25.497 2015 110,325 99,296	2016 13.014 11.771 1.176 - 25.961 4WH) 2016 114,003	2017 9.236 8.719 0.196 - 18.151 2017 80,905 76,362	2018 7.557 8.719 0.196 - 16.472 2018 66,195 76,382	2019 7.557 8.719 0.196 - 16.472 2019 66,195 76,382	2020 7.557 7.847 0.196 - 15.600 2020 66,195	7.557 7.847 0.196 - 15.600 2021 66,195 68,743	7.557 7.847 0.196 - 15.600 2022 66,195 68,743	7.557 7.847 0.196 - 15.600 2023 66,195 68,743	7.557 7.847 0.196 - 15.600 2024 66,195 68,743	2024 182.2 179.6 18.4 - 380.2 Total 2005 - 2024 1,596.036 1,573,461	Annual Target 2009 2024 9.11 8.99 0.92 19.01  Average Annual Target 2009 2024

						Option	2 - Target	Based on	Utility Sh	are of Tot	al Regiona	ıl Retail Sa	les by Se	ctor								
Annual Conservation Target (MWH)													Total 2005 -	Average Annual Target 2005								
Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2024
Residential	7.56	7.98	8.40	8.82	9.24	9.66	10.08	10.50	10.91	11.33	12.59	13.01	9.24	7.56	7.56	7.56	7.56	7.56	7.56	7.56	182.2	9.11
Commercial	6.98	7.41	7.85	8.28	8.72	9.16	10.46	10.90	10.46	10.90	11.34	11.77	8.72	8.72	8.72	7.85	7.85	7.85	7.85	7.85	179.6	8.98
Industrial and Irrigated Agriculture	1.52	1.52	1.52	1.52	1.52	1.52	1.35	1.35	1.52	1.52	1.35	1.01	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	18.5	0.93
Total - All Sectors	16.05	16.90	17.76	18.62	19.47	20.33	21.89	22.74	22.89	23.75	25.28	25.80	18.12	16.44	16.44	15.57	15.57	15.57	15.57	15.57	380.4	19.02
																					Total 2005 -	
Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024	2024
Residential	66,195.0	69,872.5	73,550.0	77,227.5	80,905.0	84,582.5	88,260.1	91,937.6	95,615.1	99,292.6	110,325.1	114,002.6	80,905.0	66,195.0	66,195.0	66,195.0	66,195.0	66,195.0	66,195.0	66,195.0	1,596,035.9	79,801.80
Commercial	61,105.3	64,924.3	68,743.4	72,562.5	76,381.6	80,200.7	91,657.9	95,477.0	91,657.9	95,477.0	99,296.1	103,115.1	76,381.6	76,381.6	76,381.6	68,743.4	68,743.4	68,743.4	68,743.4	68,743.4	1,573,460.7	78,673.03
Industrial and Irrigated Agriculture	13,285.7	13,285.7	13,285.7	13,285.7	13,285.7		11,609.5	11,809.5	13,285.7	13,285.7	11,809.5	8,857.1	1,4/6.2	1,470.2	1,476.2	1,476.2	1,476.2	1,476.2	1,476.2	1,476.2	162,380.4	8,119.02
Total - All Sectors	140,586.0	148,082.6	155,579.1	163,075.7	170,5723	178,068.9	191,727.4	199,224.0	200,558.6	208,055.2	221,430.6	225,974.8	158,762.8	144,052.8	144,052.8	133,414.7	136,414.7	136,414.7	136,414.7	136,414.7	3,331,877.0	166,593.85

Ten-year Potential 1,871,908 MWh

Biennial Target 369,796 MWh