

Department of Commerce, Division of Energy Resources

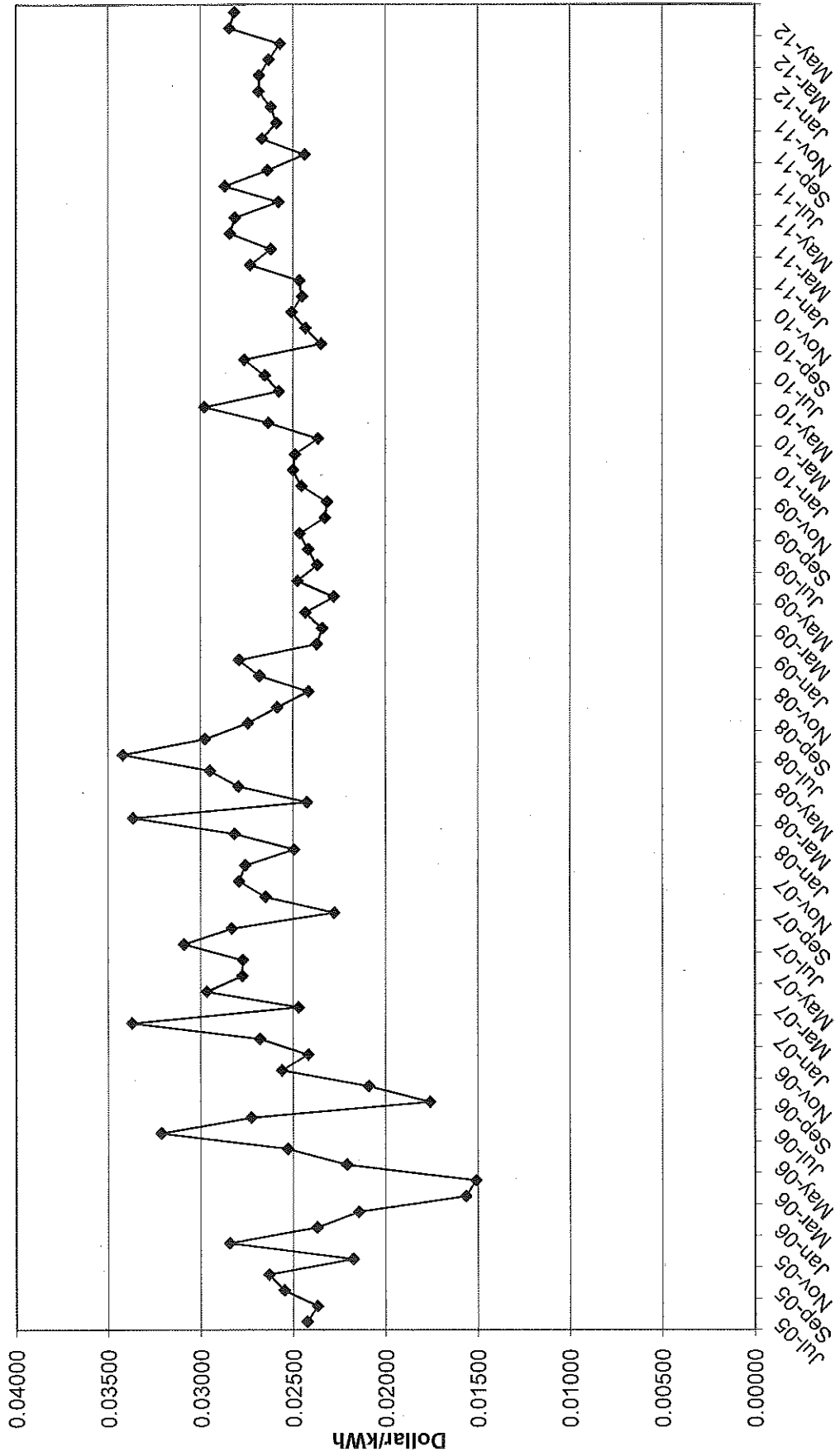
Attachments E1 through E12

Docket No. E999/AA-12-757

Attachment E1

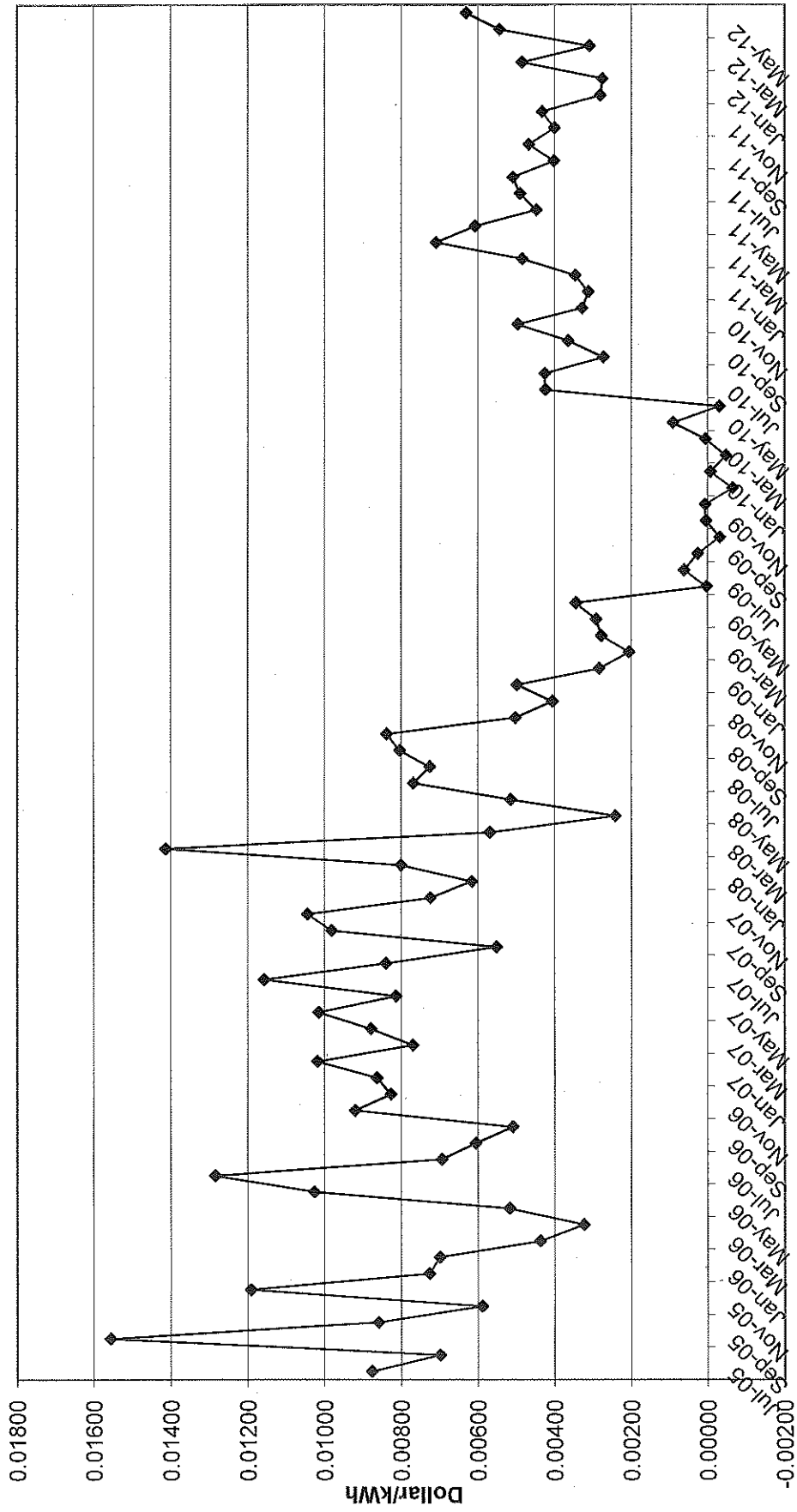
Xcel's Graphs, Data and Source: FYE06 through FYE12.

Xcel's Net Energy Costs (\$/kWh)



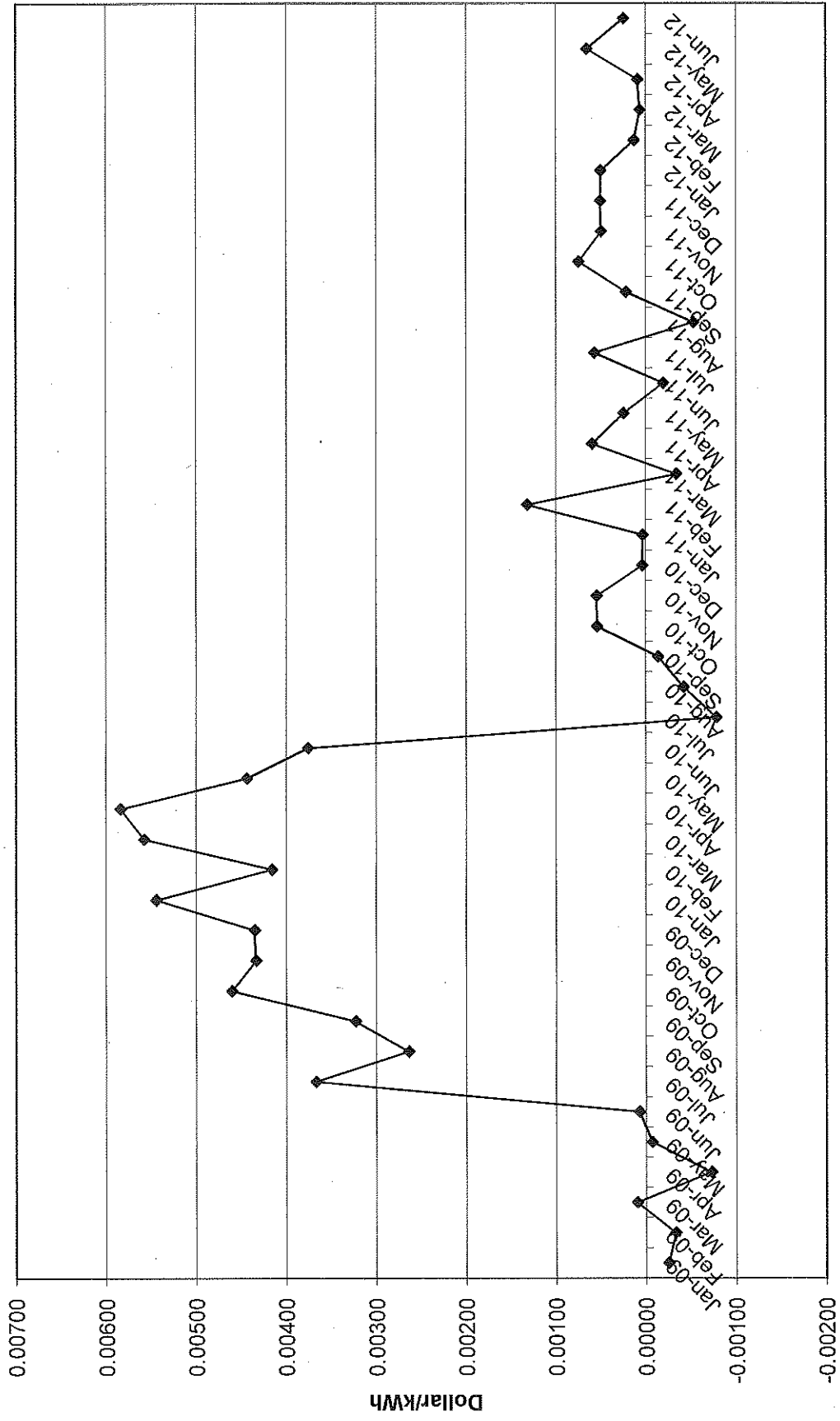
July 2005-June 2012

Xcel's MISO Day 2 Costs (\$/kWh)



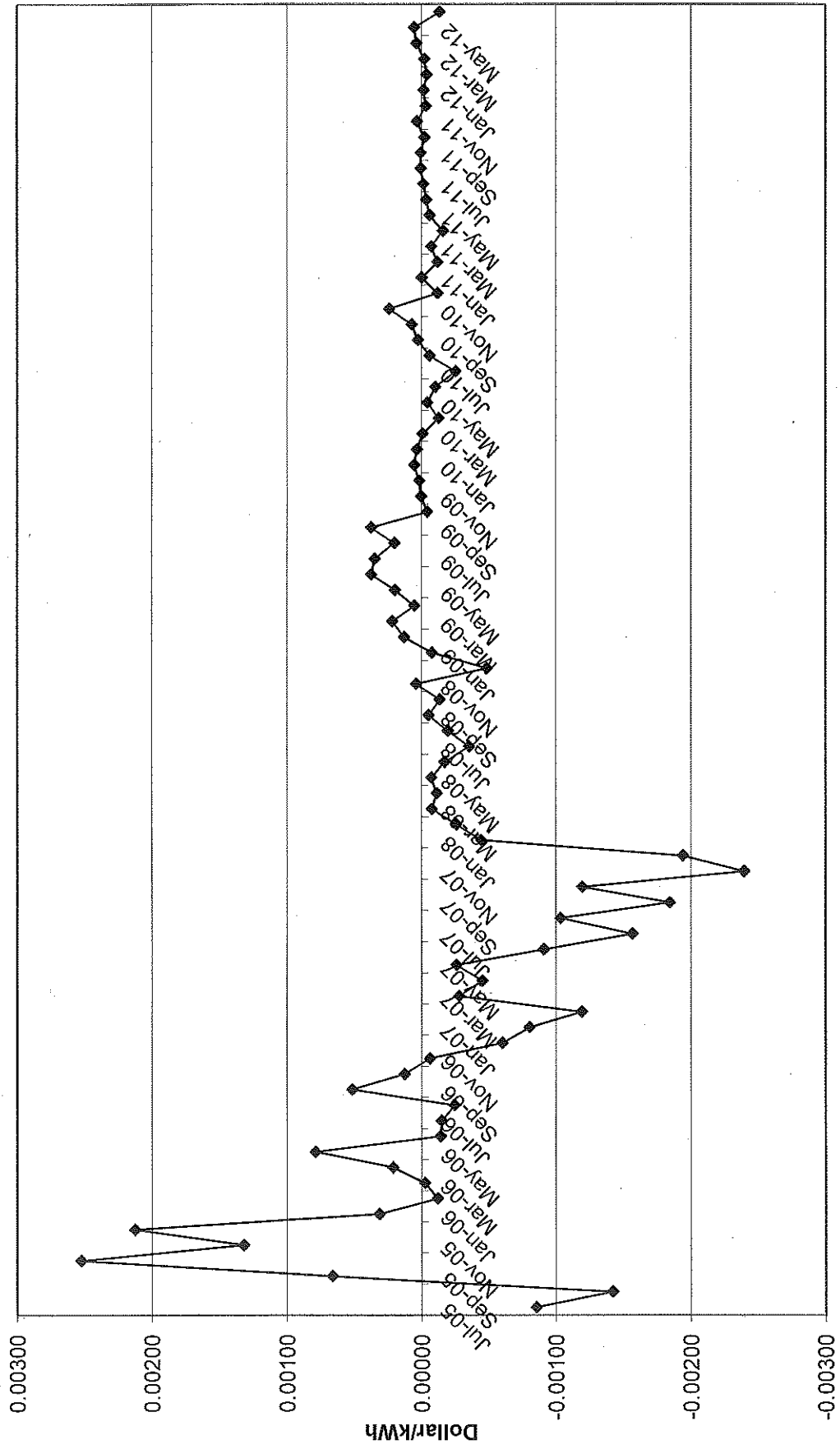
July 2005-June 2012

Xcel's MISO ASM Costs (\$/kWh)



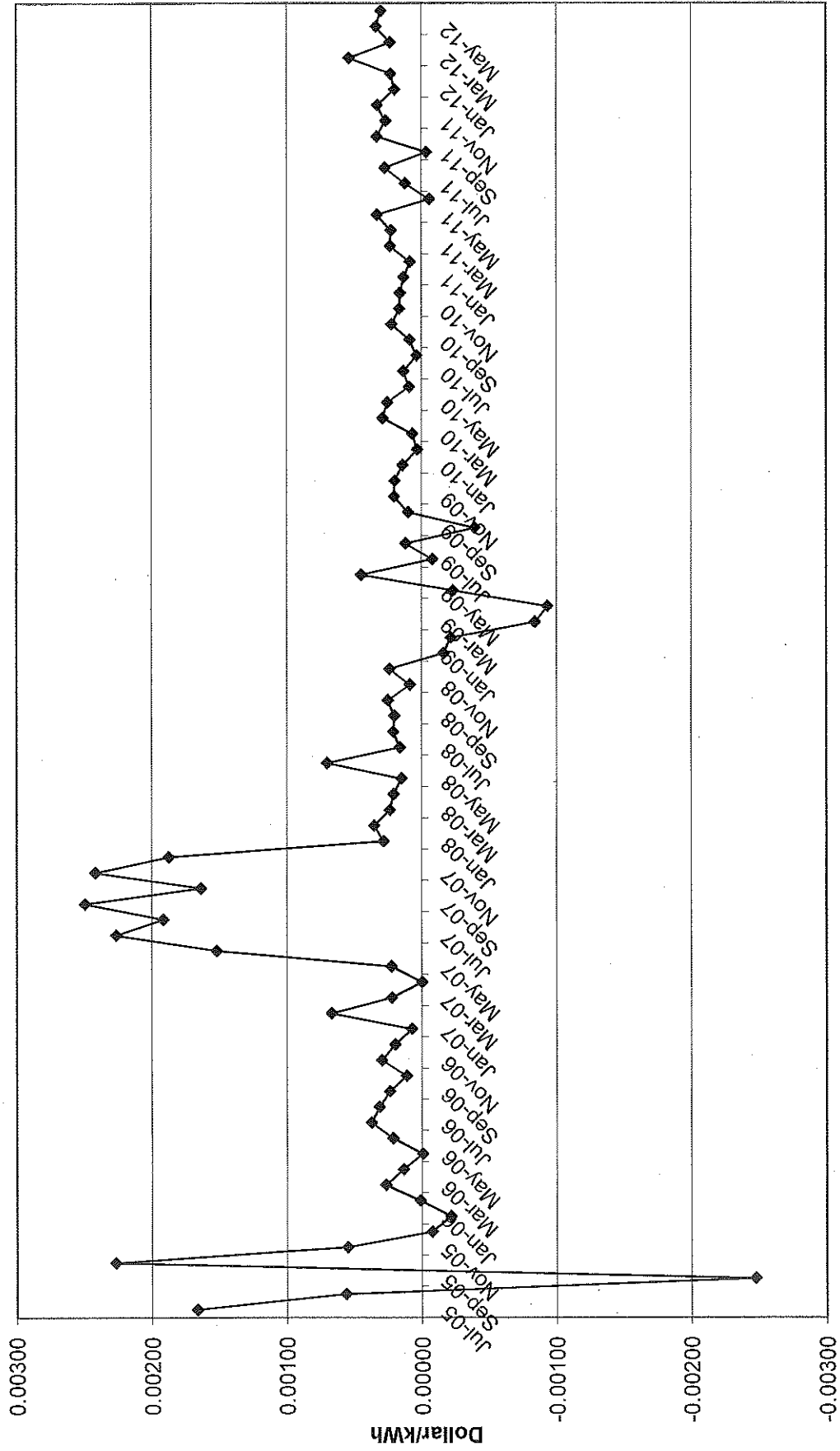
January 2009-June 2012

Xcel's RSG Charges (\$/kWh)



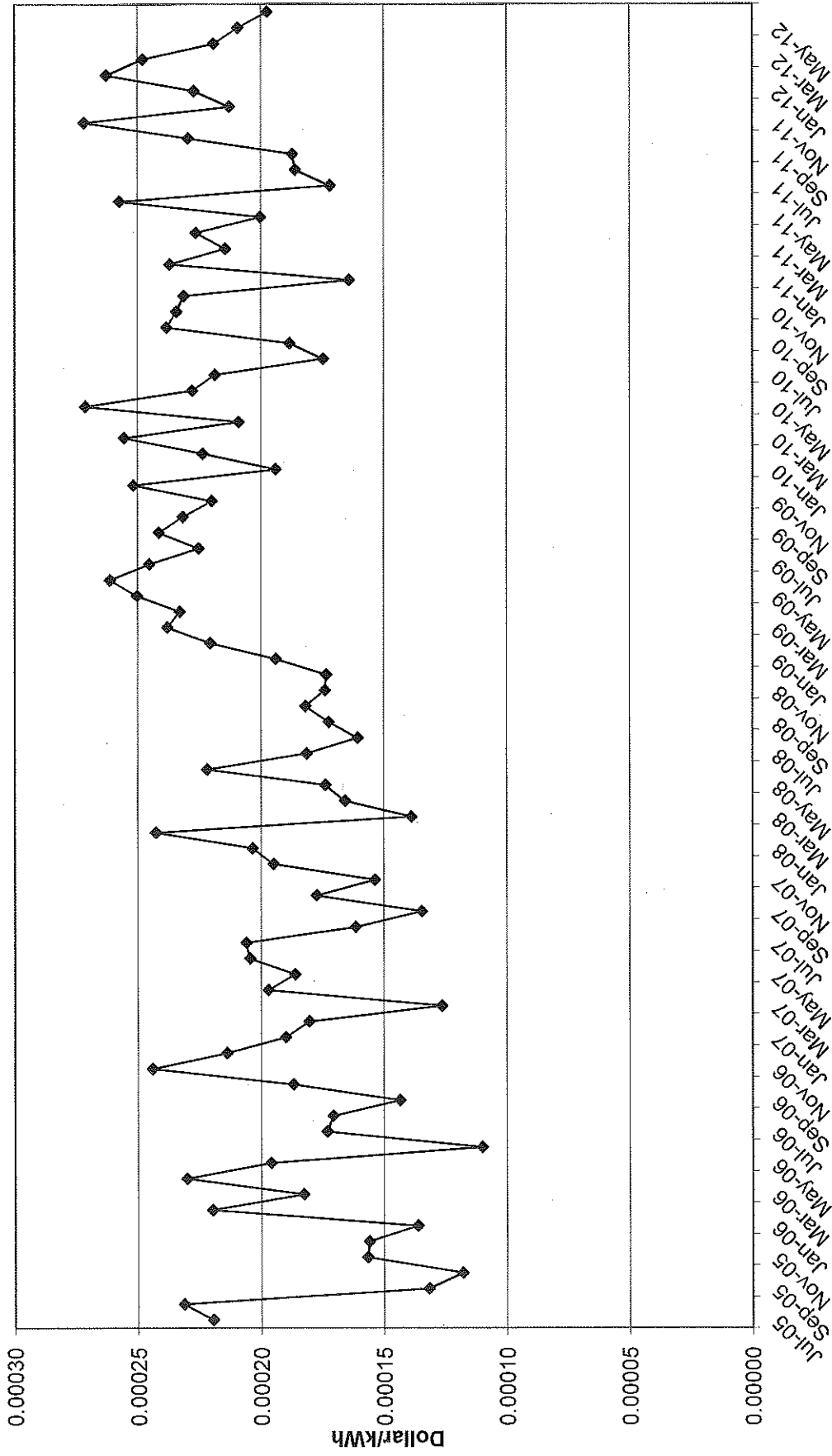
July 2005-June 2012

Xcel's RNU Charges (\$/kWh)



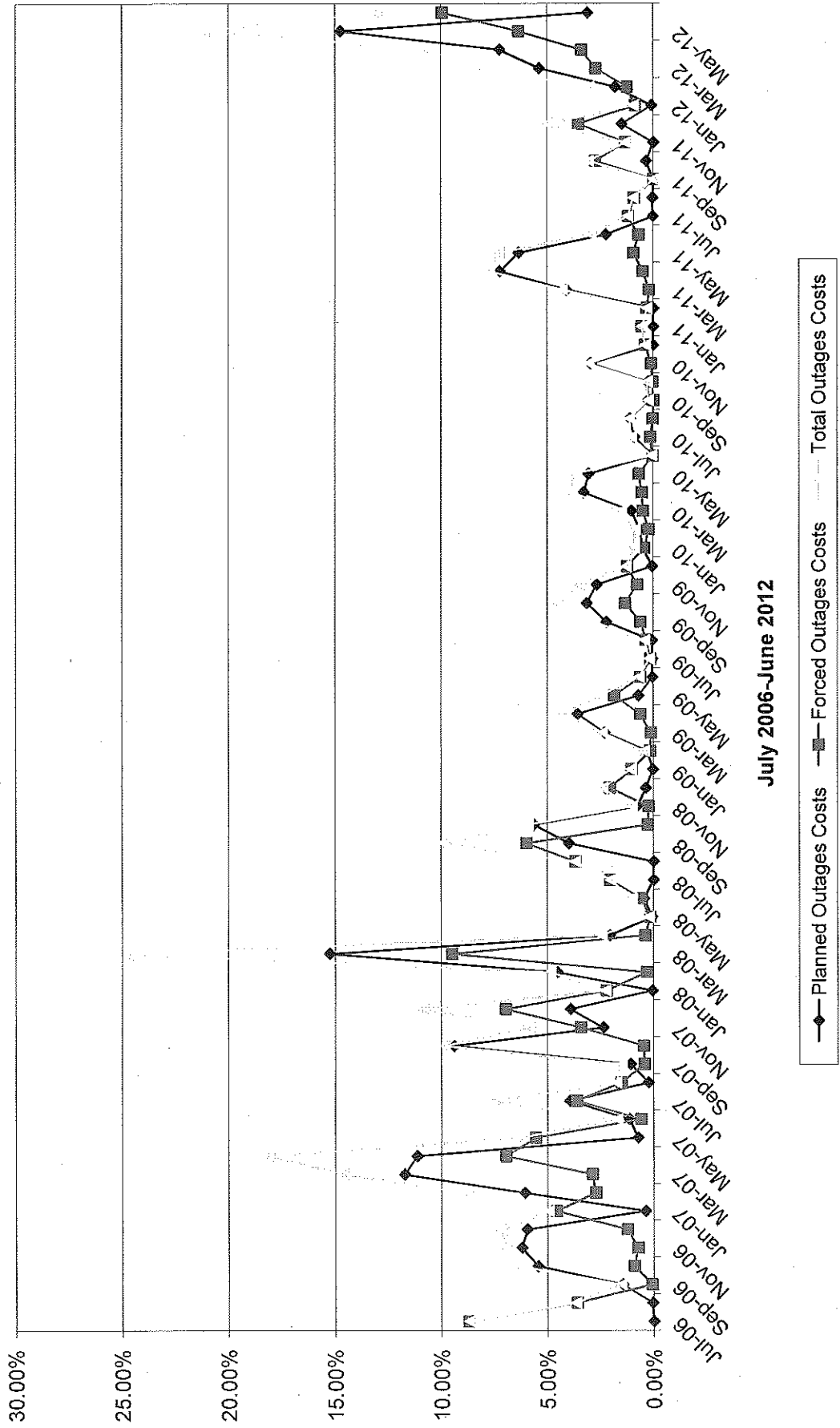
July 2005-June 2012

Xcel's Schedules 16 & 17 Costs (\$/kWh)



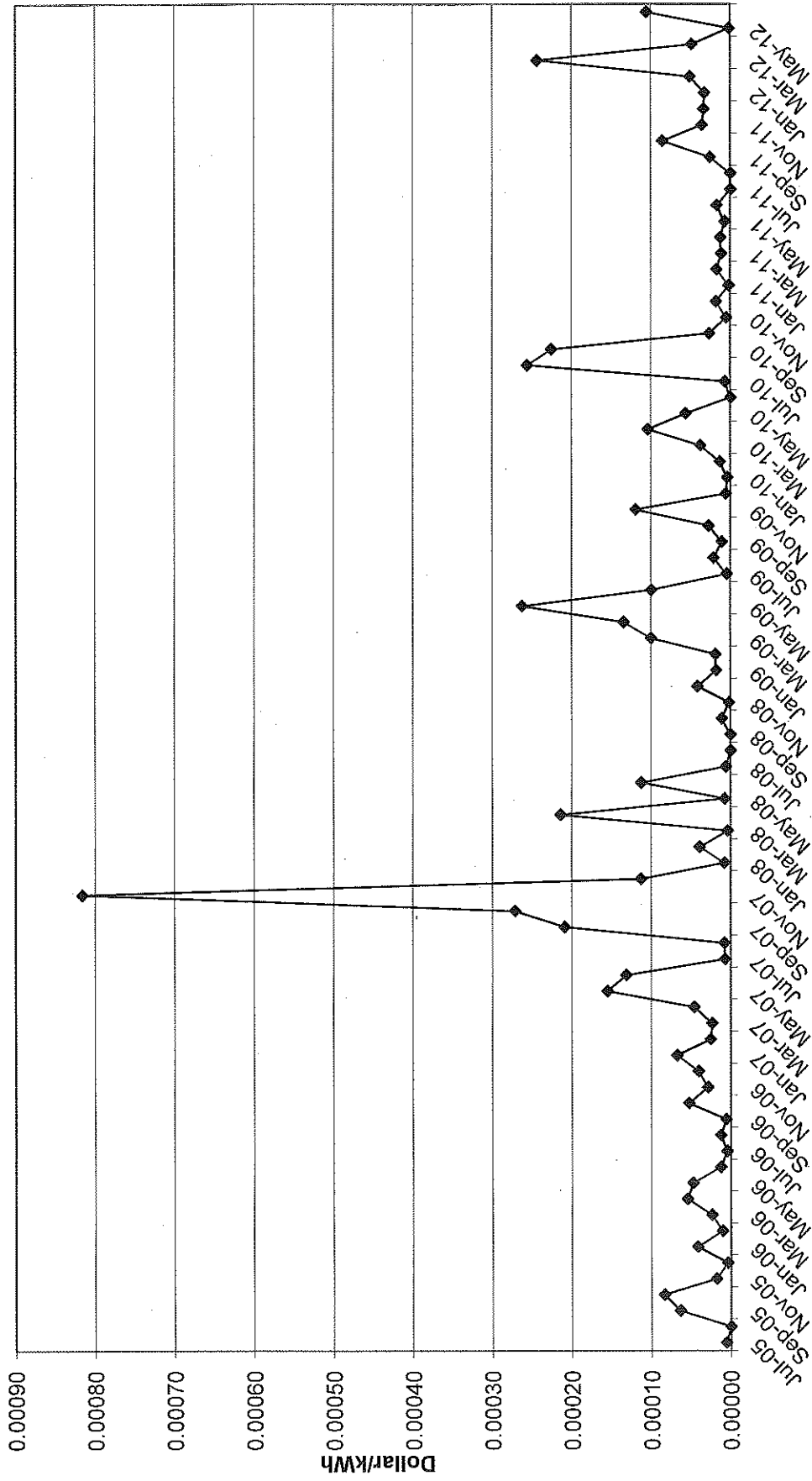
July 2005-June 2012

Xcel's Planned and Forced Outages Share of System Costs



July 2006-June 2012

Xcel's Wind Curtailment Costs (\$/kWh)



July 2005-June 2012

Xcel	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System MWh Sales (f)
Jul-05	\$ 101,690,704	\$ 36,746,148	\$ (3,570,948)	\$ 6,977,520	\$ 920,389	4,192,102	
Aug-05	\$ 91,999,640	\$ 27,116,278	\$ (5,507,552)	\$ 2,186,411	\$ 898,066	3,881,665	
Sep-05	\$ 90,052,726	\$ 54,994,548	\$ 2,351,389	\$ (8,730,286)	\$ 465,224	3,532,513	
Oct-05	\$ 93,884,507	\$ 30,674,220	\$ 9,014,129	\$ 8,095,169	\$ 420,846	3,568,177	
Nov-05	\$ 76,047,198	\$ 20,570,091	\$ 4,614,487	\$ 1,928,297	\$ 547,228	3,491,560	
Dec-05	\$ 99,169,808	\$ 41,559,724	\$ 7,414,738	\$ (261,367)	\$ 544,184	3,485,917	
Jan-06	\$ 84,009,668	\$ 25,736,702	\$ 1,115,643	\$ (758,578)	\$ 482,464	3,540,665	
Feb-06	\$ 69,742,407	\$ 22,731,116	\$ (385,841)	\$ 42,644	\$ 714,077	3,248,229	
Mar-06	\$ 53,560,692	\$ 14,987,503	\$ (79,292)	\$ 917,790	\$ 625,354	3,422,535	
Apr-06	\$ 47,496,593	\$ 10,174,674	\$ 671,692	\$ 432,775	\$ 723,968	3,144,442	
May-06	\$ 71,889,427	\$ 16,838,428	\$ 2,568,533	\$ (16,292)	\$ 637,284	3,250,793	
Jun-06	\$ 92,483,000	\$ 37,523,088	\$ (515,743)	\$ 785,526	\$ 402,208	3,665,152	
FYE06	\$ 972,026,370	\$ 339,652,520	\$ 17,691,236	\$ 11,599,609	\$ 7,381,294	42,413,750	
Jul-06	\$ 144,846,349	\$ 57,950,496	\$ (669,748)	\$ 1,692,157	\$ 780,782	4,508,140	
Aug-06	\$ 107,830,903	\$ 27,471,869	\$ (960,594)	\$ 1,250,127	\$ 675,542	3,954,226	
Sep-06	\$ 61,521,770	\$ 21,174,897	\$ 1,808,894	\$ 834,726	\$ 501,657	3,494,884	
Oct-06	\$ 74,257,907	\$ 18,092,244	\$ 455,797	\$ 406,851	\$ 663,498	3,549,038	
Nov-06	\$ 84,453,508	\$ 30,360,789	\$ (197,391)	\$ 979,686	\$ 804,983	3,297,177	
Dec-06	\$ 86,170,307	\$ 29,462,036	\$ (2,129,218)	\$ 714,391	\$ 761,715	3,560,880	
Jan-07	\$ 100,293,004	\$ 32,296,070	\$ (2,999,810)	\$ 278,021	\$ 710,711	3,740,099	
Feb-07	\$ 117,233,512	\$ 35,424,968	\$ (4,135,754)	\$ 2,330,057	\$ 627,809	3,477,620	
Mar-07	\$ 86,257,459	\$ 26,880,901	\$ (972,237)	\$ 780,436	\$ 441,250	3,490,166	
Apr-07	\$ 98,178,588	\$ 29,098,450	\$ (1,493,604)	\$ (3,766)	\$ 652,017	3,307,852	
May-07	\$ 97,403,236	\$ 35,643,628	\$ (909,569)	\$ 794,786	\$ 653,569	3,509,940	
Jun-07	\$ 106,176,979	\$ 31,173,727	\$ (3,475,903)	\$ 5,820,360	\$ 783,130	3,828,446	
FYE07	\$ 1,164,623,522	\$ 375,030,075	\$ (15,679,137)	\$ 15,877,832	\$ 8,056,664	43,718,468	

Xcel	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System MWh Sales (f)
Jul-07	\$ 133,614,814	\$ 50,065,840		(6,761,738)	\$ 9,791,815	\$ 890,993	4,323,758
Aug-07	\$ 120,470,419	\$ 35,758,456		\$ (4,387,862)	\$ 8,152,188	\$ 687,244	4,252,981
Sep-07	\$ 85,391,038	\$ 20,671,000		\$ (6,898,687)	\$ 9,345,513	\$ 504,130	3,745,910
Oct-07	\$ 97,604,889	\$ 36,149,361		\$ (4,396,422)	\$ 6,033,601	\$ 653,614	3,682,973
Nov-07	\$ 96,582,195	\$ 36,131,022		\$ (8,276,716)	\$ 8,368,151	\$ 531,912	3,458,829
Dec-07	\$ 103,256,983	\$ 27,111,361		\$ (7,252,043)	\$ 7,015,548	\$ 729,608	3,741,199
Jan-08	\$ 93,975,847	\$ 23,231,369		\$ (1,667,995)	\$ 1,066,729	\$ 766,596	3,766,880
Feb-08	\$ 101,703,309	\$ 28,935,511		\$ (935,179)	\$ 1,277,623	\$ 876,476	3,610,497
Mar-08	\$ 123,810,755	\$ 52,007,961		\$ (274,141)	\$ 872,819	\$ 510,932	3,678,647
Apr-08	\$ 80,882,218	\$ 18,980,404		\$ (375,309)	\$ 700,612	\$ 552,987	3,334,068
May-08	\$ 94,313,067	\$ 8,161,278		\$ (241,366)	\$ 510,748	\$ 586,697	3,372,517
Jun-08	\$ 103,378,987	\$ 18,051,102		\$ (597,449)	\$ 2,460,456	\$ 777,599	3,504,531
FYE08	\$ 1,234,984,521	\$ 355,254,665		\$ (42,064,907)	\$ 55,595,803	\$ 8,068,788	44,472,790
Jul-08	\$ 143,660,693	\$ 32,294,687		\$ (1,485,264)	\$ 679,747	\$ 762,191	4,198,881
Aug-08	\$ 122,000,842	\$ 29,761,504		\$ (794,547)	\$ 868,113	\$ 658,787	4,097,869
Sep-08	\$ 97,483,906	\$ 28,566,590		\$ (179,147)	\$ 723,182	\$ 612,831	3,552,167
Oct-08	\$ 91,990,035	\$ 29,809,810		\$ (480,581)	\$ 894,103	\$ 647,379	3,556,834
Nov-08	\$ 86,104,737	\$ 17,909,695		\$ 147,457	\$ 312,338	\$ 619,732	3,560,649
Dec-08	\$ 100,969,583	\$ 15,287,607		\$ (1,823,467)	\$ 902,282	\$ 653,291	3,764,717
Jan-09	\$ 104,227,906	\$ 18,611,532	\$ (928,519)	\$ (279,573)	\$ (599,154)	\$ 724,323	3,732,684
Feb-09	\$ 80,352,505	\$ 9,622,552	\$ (1,111,922)	\$ 440,754	\$ (728,547)	\$ 747,274	3,386,446
Mar-09	\$ 89,821,743	\$ 7,911,710	\$ 378,801	\$ 838,788	\$ (3,214,303)	\$ 912,471	3,832,688
Apr-09	\$ 77,234,070	\$ 8,833,660	\$ (2,293,179)	\$ 172,784	\$ (2,958,056)	\$ 739,380	3,173,328
May-09	\$ 74,300,208	\$ 9,509,826	\$ (213,104)	\$ 648,986	\$ (750,525)	\$ 815,049	3,256,451
Jun-09	\$ 83,116,197	\$ 11,567,324	\$ 246,543	\$ 1,264,411	\$ 1,512,486	\$ 876,801	3,355,879
FYE09	\$ 1,151,262,425	\$ 219,686,497	\$ (3,921,380)	\$ (1,529,398)	\$ (2,358,334)	\$ 8,769,509	43,468,593

Xcel	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System MWh Sales (f)
Jul-09	\$ 87,725,497	\$ 13,582,722	\$ 135,795	\$ 1,297,440	\$ (291,912)	\$ 908,110	3,701,307
Aug-09	\$ 92,021,170	\$ 10,043,849	\$ 2,374,116	\$ 774,919	\$ 453,976	\$ 857,609	3,804,321
Sep-09	\$ 85,879,277	\$ 11,257,284	\$ 926,518	\$ 1,314,346	\$ (1,364,249)	\$ 841,400	3,484,360
Oct-09	\$ 80,745,930	\$ 15,964,027	\$ (1,061,115)	\$ (141,796)	\$ 348,170	\$ 803,610	3,467,337
Nov-09	\$ 77,164,451	\$ 14,442,755	\$ 155,862	\$ 11,594	\$ 679,891	\$ 732,843	3,330,241
Dec-09	\$ 89,826,980	\$ 15,923,465	\$ 268,984	\$ 65,977	\$ 732,522	\$ 921,222	3,659,054
Jan-10	\$ 93,895,226	\$ 20,438,167	\$ (2,413,241)	\$ 207,381	\$ 532,852	\$ 728,862	3,755,092
Feb-10	\$ 80,730,673	\$ 13,482,153	\$ (205,852)	\$ 116,022	\$ 101,548	\$ 725,249	3,241,968
Mar-10	\$ 81,078,817	\$ 19,109,367	\$ (1,603,330)	\$ (19,658)	\$ 235,399	\$ 875,699	3,426,277
Apr-10	\$ 80,458,470	\$ 17,835,962	\$ 191,295	\$ (386,130)	\$ 881,885	\$ 638,762	3,054,411
May-10	\$ 99,734,425	\$ 14,852,616	\$ 3,067,125	\$ (138,722)	\$ 855,285	\$ 908,110	3,347,833
Jun-10	\$ 93,808,543	\$ 13,683,359	\$ (1,083,051)	\$ (369,661)	\$ 339,458	\$ 829,880	3,641,260
FYE10	\$ 1,043,069,459	\$ 180,615,726	\$ 753,106	\$ 2,731,711	\$ 3,504,826	\$ 9,771,356	41,913,461
Jul-10	\$ 113,323,948	\$ 18,117,466	\$ (3,342,692)	\$ (1,074,044)	\$ 578,444	\$ 934,395	4,271,656
Aug-10	\$ 120,742,182	\$ 18,603,242	\$ (1,838,745)	\$ (250,614)	\$ 159,869	\$ 763,733	4,368,965
Sep-10	\$ 78,659,425	\$ 9,139,964	\$ (458,766)	\$ 92,447	\$ 296,121	\$ 630,881	3,347,989
Oct-10	\$ 81,246,071	\$ 12,176,576	\$ 1,810,282	\$ 248,817	\$ 744,770	\$ 795,644	3,337,948
Nov-10	\$ 84,833,418	\$ 16,803,521	\$ 1,842,324	\$ 818,166	\$ 555,730	\$ 792,516	3,381,944
Dec-10	\$ 90,588,015	\$ 12,142,324	\$ 141,999	\$ (433,974)	\$ 590,676	\$ 854,683	3,693,231
Jan-11	\$ 92,318,583	\$ 11,680,558	\$ 131,112	\$ 4,726	\$ 498,542	\$ 614,956	3,743,320
Feb-11	\$ 90,787,386	\$ 11,512,485	\$ 4,385,695	\$ (388,958)	\$ 285,645	\$ 788,013	3,324,030
Mar-11	\$ 92,036,327	\$ 17,029,042	\$ (1,190,496)	\$ (247,532)	\$ 821,597	\$ 753,303	3,512,082
Apr-11	\$ 89,314,179	\$ 22,303,128	\$ 1,879,447	\$ (492,674)	\$ 715,018	\$ 711,518	3,142,428
May-11	\$ 92,329,582	\$ 19,942,105	\$ 813,502	\$ (187,689)	\$ 1,086,888	\$ 657,311	3,280,931
Jun-11	\$ 92,904,289	\$ 16,132,989	\$ (698,342)	\$ (119,807)	\$ (202,380)	\$ 927,374	3,602,374
FYE11	\$ 1,119,083,405	\$ 185,583,400	\$ 3,475,320	\$ (2,031,137)	\$ 6,130,920	\$ 9,224,327	43,006,898

Xcel	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System MWh Sales (f)
Jul-11	\$ 126,618,613	\$ 21,660,341	\$ 2,527,713	\$ (51,297)	\$ 537,734	\$ 759,266	4,412,942
Aug-11	\$ 106,990,101	\$ 20,656,101	\$ (2,141,110)	\$ 30,336	\$ 1,106,523	\$ 754,686	4,054,263
Sep-11	\$ 84,457,228	\$ 13,931,556	\$ 765,636	\$ 26,997	\$ (120,292)	\$ 648,886	3,463,995
Oct-11	\$ 89,288,788	\$ 15,661,504	\$ 2,503,345	\$ (67,005)	\$ 1,111,345	\$ 768,206	3,345,947
Nov-11	\$ 86,173,652	\$ 13,337,835	\$ 1,650,022	\$ 119,823	\$ 888,634	\$ 904,419	3,327,862
Dec-11	\$ 92,538,417	\$ 15,296,102	\$ 1,786,591	\$ (104,504)	\$ 1,162,559	\$ 751,621	3,530,453
Jan-12	\$ 95,195,722	\$ 9,961,484	\$ 1,779,702	\$ (45,807)	\$ 707,846	\$ 805,059	3,542,899
Feb-12	\$ 86,788,447	\$ 8,911,462	\$ 427,763	\$ (114,602)	\$ 739,882	\$ 849,628	3,233,716
Mar-12	\$ 86,909,799	\$ 16,033,024	\$ 218,685	\$ (61,976)	\$ 1,779,019	\$ 819,228	3,302,195
Apr-12	\$ 79,887,359	\$ 9,625,895	\$ 281,011	\$ 120,400	\$ 724,137	\$ 681,051	3,106,816
May-12	\$ 93,851,877	\$ 17,961,404	\$ 2,166,407	\$ 186,037	\$ 1,117,065	\$ 690,908	3,298,959
Jun-12	\$ 103,737,921	\$ 23,241,541	\$ 913,950	\$ (483,622)	\$ 1,112,016	\$ 727,479	3,682,214
FYE12	\$ 1,132,437,924	\$ 186,278,249	\$ 12,879,715	\$ (445,220)	\$ 10,866,468	\$ 9,160,437	42,302,261

Xcel	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-05	0.02426	0.00876557		-0.00085	0.00166	0.00022
Aug-05	0.02370	0.00698573		-0.00142	0.00056	0.00023
Sep-05	0.02549	0.01556811		0.00067	-0.00247	0.00013
Oct-05	0.02631	0.00859661		0.00253	0.00227	0.00012
Nov-05	0.02178	0.00589138		0.00132	0.00055	0.00016
Dec-05	0.02845	0.01192218		0.00213	-0.00007	0.00016
Jan-06	0.02373	0.00726889		0.00032	-0.00021	0.00014
Feb-06	0.02147	0.006998		-0.00012	0.00001	0.00022
Mar-06	0.01565	0.00437906		-0.00002	0.00027	0.00018
Apr-06	0.01510	0.00323576		0.00021	0.00014	0.00023
May-06	0.02211	0.00517979		0.00079	-0.00001	0.00020
Jun-06	0.02530	0.01026581		-0.00014	0.00021	0.00011
FYE06	0.02292	0.00800808		0.00042	0.00027	0.00017
Jul-06	0.03213	0.01285464		-0.00015	0.00038	0.00017
Aug-06	0.02727	0.00694747		-0.00024	0.00032	0.00017
Sep-06	0.01760	0.00605883		0.00052	0.00024	0.00014
Oct-06	0.02092	0.00509779		0.00013	0.00011	0.00019
Nov-06	0.02561	0.00920812		-0.00006	0.00030	0.00024
Dec-06	0.02420	0.00827381		-0.00060	0.00020	0.00021
Jan-07	0.02682	0.00863508		-0.00080	0.00007	0.00019
Feb-07	0.03371	0.01018656		-0.00119	0.00067	0.00018
Mar-07	0.02471	0.0077019		-0.00028	0.00022	0.00013
Apr-07	0.02968	0.00879678		-0.00045	0.00000	0.00020
May-07	0.02775	0.01015505		-0.00026	0.00023	0.00019
Jun-07	0.02773	0.00814266		-0.00091	0.00152	0.00020
FYE07	0.02664	0.0085783		-0.00036	0.00036	0.00018

Xcel	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-07	0.03090	0.01158		-0.00156	0.00226	0.00021
Aug-07	0.02833	0.00841		-0.00103	0.00192	0.00016
Sep-07	0.02280	0.00552		-0.00184	0.00249	0.00013
Oct-07	0.02650	0.00982		-0.00119	0.00164	0.00018
Nov-07	0.02792	0.01045		-0.00239	0.00242	0.00015
Dec-07	0.02760	0.00725		-0.00194	0.00188	0.00020
Jan-08	0.02495	0.00617		-0.00044	0.00028	0.00020
Feb-08	0.02817	0.00801		-0.00026	0.00035	0.00024
Mar-08	0.03366	0.01414		-0.00007	0.00024	0.00014
Apr-08	0.02426	0.00569		-0.00011	0.00021	0.00017
May-08	0.02797	0.00242		-0.00007	0.00015	0.00017
Jun-08	0.02950	0.00515		-0.00017	0.00070	0.00022
FYE08	0.02777	0.00799		-0.00095	0.00125	0.00018
Jul-08	0.03421	0.00769		-0.00035	0.00016	0.00018
Aug-08	0.02977	0.00726		-0.00019	0.00021	0.00016
Sep-08	0.02744	0.00804		-0.00005	0.00020	0.00017
Oct-08	0.02586	0.00838		-0.00014	0.00025	0.00018
Nov-08	0.02418	0.00503		0.00004	0.00009	0.00017
Dec-08	0.02682	0.00406		-0.00048	0.00024	0.00017
Jan-09	0.02792	0.00499	-0.00025	-0.00007	-0.00016	0.00019
Feb-09	0.02373	0.00284	-0.00033	0.00013	-0.00022	0.00022
Mar-09	0.02344	0.00206	0.00010	0.00022	-0.00084	0.00024
Apr-09	0.02434	0.00278	-0.00072	0.00005	-0.00093	0.00023
May-09	0.02282	0.00292	-0.00007	0.00020	-0.00023	0.00025
Jun-09	0.02477	0.00345	0.00007	0.00038	0.00045	0.00026
FYE09	0.02648	0.00505	-0.00009	-0.00004	-0.00005	0.00020

Xcel	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-09	0.02370	0.00367	0.00004	0.00035	-0.00008	0.00025
Aug-09	0.02419	0.00264	0.00062	0.00020	0.00012	0.00023
Sep-09	0.02465	0.00323	0.00027	0.00038	-0.00039	0.00024
Oct-09	0.02329	0.00460	-0.00031	-0.00004	0.00010	0.00023
Nov-09	0.02317	0.00434	0.00005	0.00000	0.00020	0.00022
Dec-09	0.02455	0.00435	0.00007	0.00002	0.00020	0.00025
Jan-10	0.02500	0.00544	-0.00064	0.00006	0.00014	0.00019
Feb-10	0.02490	0.00416	-0.00006	0.00004	0.00003	0.00022
Mar-10	0.02366	0.00558	-0.00047	-0.00001	0.00007	0.00026
Apr-10	0.02634	0.00584	0.00006	-0.00013	0.00029	0.00021
May-10	0.02979	0.00444	0.00092	-0.00004	0.00026	0.00027
Jun-10	0.02576	0.00376	-0.00030	-0.00010	0.00009	0.00023
FYE10	0.02489	0.00431	0.00002	0.00007	0.00008	0.00023
Jul-10	0.02653	0.00424	-0.00078	-0.00025	0.00014	0.00022
Aug-10	0.02764	0.00426	-0.00042	-0.00006	0.00004	0.00017
Sep-10	0.02349	0.00273	-0.00014	0.00003	0.00009	0.00019
Oct-10	0.02434	0.00365	0.00054	0.00007	0.00022	0.00024
Nov-10	0.02508	0.00497	0.00054	0.00024	0.00016	0.00023
Dec-10	0.02453	0.00329	0.00004	-0.00012	0.00016	0.00023
Jan-11	0.02466	0.00312	0.00004	0.00000	0.00013	0.00016
Feb-11	0.02731	0.00346	0.00132	-0.00012	0.00009	0.00024
Mar-11	0.02621	0.00485	-0.00034	-0.00007	0.00023	0.00021
Apr-11	0.02842	0.00710	0.00060	-0.00016	0.00023	0.00023
May-11	0.02814	0.00608	0.00025	-0.00006	0.00033	0.00020
Jun-11	0.02579	0.00448	-0.00019	-0.00003	-0.00006	0.00026
FYE11	0.02602	0.00432	0.00008	-0.00005	0.00014	0.00021

Xcel	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-11	0.02869	0.00491	0.00057	-0.00001	0.00012	0.00017
Aug-11	0.02639	0.00509	-0.00053	0.00001	0.00027	0.00019
Sep-11	0.02438	0.00402	0.00022	0.00001	-0.00003	0.00019
Oct-11	0.02669	0.00468	0.00075	-0.00002	0.00033	0.00023
Nov-11	0.02589	0.00401	0.00050	0.00004	0.00027	0.00027
Dec-11	0.02621	0.00433	0.00051	-0.00003	0.00033	0.00021
Jan-12	0.02687	0.00281	0.00050	-0.00001	0.00020	0.00023
Feb-12	0.02684	0.00276	0.00013	-0.00004	0.00023	0.00026
Mar-12	0.02632	0.00486	0.00007	-0.00002	0.00054	0.00025
Apr-12	0.02571	0.00310	0.00009	0.00004	0.00023	0.00022
May-12	0.02845	0.00544	0.00066	0.00006	0.00034	0.00021
Jun-12	0.02817	0.00631	0.00025	-0.00013	0.00030	0.00020
FYE12	0.02677	0.00440	0.00030	-0.00001	0.00026	0.00022

Xcel	Wind Costs	Curtailment Payments	Curtailment Payments %	Curtailment Payments (\$/kWh)
	(l)	(m)	(n)	(o)
Jul-05	\$ 2,209,107	\$ 25,541	1.16%	0.00001
Aug-05	\$ 1,518,401	\$ 402	0.03%	0.00000
Sep-05	\$ 2,980,966	\$ 226,425	7.60%	0.00006
Oct-05	\$ 2,672,444	\$ 299,556	11.21%	0.00008
Nov-05	\$ 3,246,917	\$ 63,469	1.95%	0.00002
Dec-05	\$ 2,310,360	\$ 14,611	0.63%	0.00000
Jan-06	\$ 3,181,045	\$ 149,230	4.69%	0.00004
Feb-06	\$ 2,928,149	\$ 34,409	1.18%	0.00001
Mar-06	\$ 3,225,927	\$ 82,933	2.57%	0.00002
Apr-06	\$ 3,277,251	\$ 172,533	5.26%	0.00005
May-06	\$ 3,420,464	\$ 155,300	4.54%	0.00005
Jun-06	\$ 1,794,434	\$ 47,056	2.62%	0.00001
FYE06	\$ 32,765,465	\$ 1,271,465	3.88%	0.00003
Jul-06	\$ 2,022,618	\$ 21,751	1.08%	0.00000
Aug-06	\$ 1,622,157	\$ 49,915	3.08%	0.00001
Sep-06	\$ 2,137,230	\$ 21,205	0.99%	0.00001
Oct-06	\$ 3,735,580	\$ 187,961	5.03%	0.00005
Nov-06	\$ 3,750,604	\$ 96,229	2.57%	0.00003
Dec-06	\$ 4,420,067	\$ 145,404	3.29%	0.00004
Jan-07	\$ 5,269,373	\$ 253,194	4.81%	0.00007
Feb-07	\$ 3,667,764	\$ 88,835	2.42%	0.00003
Mar-07	\$ 5,058,108	\$ 82,644	1.63%	0.00002
Apr-07	\$ 4,590,927	\$ 152,683	3.33%	0.00005
May-07	\$ 5,346,822	\$ 545,568	10.20%	0.00016
Jun-07	\$ 3,491,293	\$ 504,074	14.44%	0.00013
FYE07	\$ 45,112,543	\$ 2,149,463	4.76%	0.00005

Xcel	Wind Costs	Curtailment Payments	Curtailment Payments %	Curtailment Payments (\$/kWh)
	(l)	(m)	(n)	(o)
Jul-07	\$ 2,409,324	\$ 31,773	1.32%	0.00001
Aug-07	\$ 1,923,872	\$ 33,751	1.75%	0.00001
Sep-07	\$ 4,869,010	\$ 782,876	16.08%	0.00021
Oct-07	\$ 5,442,224	\$ 1,000,320	18.38%	0.00027
Nov-07	\$ 8,214,094	\$ 2,823,623	34.38%	0.00082
Dec-07	\$ 6,291,719	\$ 423,078	6.72%	0.00011
Jan-08	\$ 8,362,879	\$ 30,628	0.37%	0.00001
Feb-08	\$ 7,021,419	\$ 142,412	2.03%	0.00004
Mar-08	\$ 7,816,746	\$ 14,281	0.18%	0.00000
Apr-08	\$ 10,118,928	\$ 714,484	7.06%	0.00021
May-08	\$ 8,781,452	\$ 25,464	0.29%	0.00001
Jun-08	\$ 5,840,030	\$ 394,186	6.75%	0.00011
FYE08	\$ 77,091,697	\$ 6,416,876	8.32%	0.00014
Jul-08	\$ 4,860,293	\$ 25,680	0.53%	0.00001
Aug-08	\$ 5,114,362	\$ -	0.00%	0.00000
Sep-08	\$ 7,195,808	\$ 314	0.00%	0.00000
Oct-08	\$ 8,287,796	\$ 39,601	0.48%	0.00001
Nov-08	\$ 9,236,754	\$ 7,321	0.08%	0.00000
Dec-08	\$ 11,364,844	\$ 157,390	1.38%	0.00004
Jan-09	\$ 9,589,360	\$ 67,841	0.71%	0.00002
Feb-09	\$ 9,301,276	\$ 65,027	0.70%	0.00002
Mar-09	\$ 9,116,584	\$ 384,076	4.21%	0.00010
Apr-09	\$ 9,657,360	\$ 428,054	4.43%	0.00013
May-09	\$ 8,707,682	\$ 854,757	9.82%	0.00026
Jun-09	\$ 5,200,532	\$ 335,260	6.45%	0.00010
FYE09	\$ 97,632,650	\$ 2,365,322	2.42%	0.00005

Xcel	Wind Costs	Curtailment Payments	Curtailment Payments %	Curtailment Payments (\$/kWh)
	(l)	(m)	(n)	(o)
Jul-09	\$ 4,415,900	\$ 17,809	0.40%	0.0000
Aug-09	\$ 5,166,096	\$ 81,725	1.58%	0.0002
Sep-09	\$ 4,536,909	\$ 38,172	0.84%	0.0001
Oct-09	\$ 6,681,288	\$ 96,615	1.45%	0.0003
Nov-09	\$ 8,659,367	\$ 398,315	4.60%	0.00012
Dec-09	\$ 6,168,879	\$ 21,765	0.35%	0.00001
Jan-10	\$ 8,659,367	\$ 15,380	0.18%	0.00000
Feb-10	\$ 6,168,879	\$ 43,617	0.71%	0.00001
Mar-10	\$ 9,796,100	\$ 130,620	1.33%	0.00004
Apr-10	\$ 10,043,080	\$ 318,281	3.17%	0.00010
May-10	\$ 9,458,060	\$ 189,651	2.01%	0.00006
Jun-10	\$ 6,363,014	\$ -	0.00%	0.00000
FYE10	\$ 86,116,937	\$ 1,351,950	1.57%	0.00003
Jul-10	\$ 5,889,422	\$ 30,218	0.51%	0.00001
Aug-10	\$ 7,999,951	\$ 1,118,405	13.98%	0.00026
Sep-10	\$ 8,204,135	\$ 755,635	9.21%	0.00023
Oct-10	\$ 8,956,519	\$ 90,191	1.01%	0.00003
Nov-10	\$ 10,639,220	\$ 18,314	0.17%	0.00001
Dec-10	\$ 8,262,040	\$ 67,164	0.81%	0.00002
Jan-11	\$ 8,685,186	\$ 8,352	0.10%	0.00000
Feb-11	\$ 11,805,336	\$ 57,676	0.49%	0.00002
Mar-11	\$ 9,357,485	\$ 40,590	0.43%	0.00001
Apr-11	\$ 10,904,234	\$ 39,573	0.36%	0.00001
May-11	\$ 12,596,208	\$ 23,328	0.19%	0.00001
Jun-11	\$ 8,578,212	\$ 61,634	0.72%	0.00002
FYE11	\$ 111,877,948	\$ 2,311,080	2.07%	0.00005

Xcel	Wind Costs	Curtailment Payments	Curtailment Payments %	Curtailment Payments (\$/kWh)
	(l)	(m)	(n)	(o)
Jul-11	\$ 4,505,969	\$ -	0.00%	0.00000
Aug-11	\$ 4,423,991	\$ -	0.00%	0.00000
Sep-11	\$ 5,797,516	\$ 89,862	1.55%	0.00003
Oct-11	\$ 11,041,598	\$ 286,768	2.60%	0.00009
Nov-11	\$ 13,146,681	\$ 119,855	0.91%	0.00004
Dec-11	\$ 11,628,278	\$ 119,830	1.03%	0.00003
Jan-12	\$ 12,653,902	\$ 116,974	0.92%	0.00003
Feb-12	\$ 9,353,699	\$ 165,746	1.77%	0.00005
Mar-12	\$ 12,154,263	\$ 803,846	6.61%	0.00024
Apr-12	\$ 11,291,497	\$ 152,377	1.35%	0.00005
May-12	\$ 11,449,094	\$ 6,459	0.06%	0.00000
Jun-12	\$ 8,443,492	\$ 390,097	4.62%	0.00011
FYE12	\$ 115,889,981	\$ 2,251,812	1.94%	0.00005

Xcel	Net Energy Costs (a)	Planned	Outages Costs		Total (p)	P. Outages	F. Outages	Outages
			Share of System Costs	Forced		Share of System Costs	Share of System Costs	
Jul-06	\$ 144,846,349	\$ 1,814	\$ 12,601,700	\$ 12,603,514	0.00%	8.70%	8.70%	
Aug-06	\$ 107,830,903	\$ 58,031	\$ 3,877,621	\$ 3,935,652	0.05%	3.60%	3.65%	
Sep-06	\$ 61,521,770	\$ 896,425	\$ 50,735	\$ 947,160	1.46%	0.08%	1.54%	
Oct-06	\$ 74,257,907	\$ 4,041,289	\$ 680,324	\$ 4,721,613	5.44%	0.92%	6.36%	
Nov-06	\$ 84,453,508	\$ 5,243,882	\$ 632,159	\$ 5,876,041	6.21%	0.75%	6.96%	
Dec-06	\$ 86,170,307	\$ 5,140,991	\$ 1,053,189	\$ 6,194,180	5.97%	1.22%	7.19%	
Jan-07	\$ 100,293,004	\$ 392,345	\$ 4,590,036	\$ 4,982,381	0.39%	4.58%	4.97%	
Feb-07	\$ 117,233,512	\$ 7,106,045	\$ 3,194,075	\$ 10,300,120	6.06%	2.72%	8.79%	
Mar-07	\$ 86,257,459	\$ 10,123,941	\$ 2,479,462	\$ 12,603,403	11.74%	2.87%	14.61%	
Apr-07	\$ 98,178,588	\$ 10,944,044	\$ 6,828,319	\$ 17,772,363	11.15%	6.95%	18.10%	
May-07	\$ 97,403,236	\$ 716,056	\$ 5,416,922	\$ 6,132,978	0.74%	5.56%	6.30%	
Jun-07	\$ 106,176,979	\$ 1,198,904	\$ 631,315	\$ 1,830,219	1.13%	0.59%	1.72%	
FYE07	\$ 1,164,623,522	\$ 45,863,767	\$ 42,035,857	\$ 87,899,624	3.94%	3.61%	7.55%	
Jul-07	\$ 133,614,814	\$ 2,124,125	\$ 765,133	\$ 2,889,258	1.59%	0.57%	2.16%	
Aug-07	\$ 120,470,419	\$ 299,770	\$ 1,829,884	\$ 2,129,654	0.25%	1.52%	1.77%	
Sep-07	\$ 85,391,038	\$ 919,938	\$ 369,445	\$ 1,289,383	1.08%	0.43%	1.51%	
Oct-07	\$ 97,604,889	\$ 9,170,089	\$ 453,379	\$ 9,623,468	9.40%	0.46%	9.86%	
Nov-07	\$ 96,582,195	\$ 2,281,166	\$ 3,297,502	\$ 5,578,668	2.36%	3.41%	5.78%	
Dec-07	\$ 103,256,983	\$ 4,035,260	\$ 7,192,950	\$ 11,228,210	3.91%	6.97%	10.87%	
Jan-08	\$ 93,975,847	\$ 51,360	\$ 2,072,975	\$ 2,124,335	0.05%	2.21%	2.26%	
Feb-08	\$ 101,703,309	\$ 4,604,964	\$ 330,612	\$ 4,935,576	4.53%	0.33%	4.85%	
Mar-08	\$ 123,810,755	\$ 18,881,551	\$ 11,755,775	\$ 30,637,326	15.25%	9.49%	24.75%	
Apr-08	\$ 80,882,218	\$ 1,654,064	\$ 321,332	\$ 1,975,396	2.05%	0.40%	2.44%	
May-08	\$ 94,313,067	\$ 62,448	\$ 154,236	\$ 216,684	0.07%	0.16%	0.23%	
Jun-08	\$ 103,378,987	\$ 475,210	\$ 584,455	\$ 1,059,665	0.46%	0.57%	1.03%	
FYE08	\$ 1,234,984,521	\$ 44,559,945	\$ 29,127,678	\$ 73,687,623	3.61%	2.36%	5.97%	

Xcel	Net Energy Costs (a)		Outages Costs		Total (p)	P. Outages	F. Outages	Outages
	Planned	Forced	Share of System Costs	Share of System Costs		Share of System Costs	Share of System Costs	
Jul-08	\$ 143,660,693	\$ 2,918,606	\$ 1,236	\$ 2,919,842	\$ 2,919,842	0.00%	2.03%	2.03%
Aug-08	\$ 122,000,842	\$ 4,475,146	\$ 840	\$ 4,475,986	\$ 4,475,986	0.00%	3.67%	3.67%
Sep-08	\$ 97,483,906	\$ 5,829,095	\$ 3,882,636	\$ 9,711,731	\$ 9,711,731	3.98%	5.98%	9.96%
Oct-08	\$ 91,990,035	\$ 249,083	\$ 5,183,251	\$ 5,432,334	\$ 5,432,334	5.63%	0.27%	5.91%
Nov-08	\$ 86,104,737	\$ 208,648	\$ 661,594	\$ 870,242	\$ 870,242	0.77%	0.24%	1.01%
Dec-08	\$ 100,969,583	\$ 2,066,437	\$ 362,756	\$ 2,429,193	\$ 2,429,193	0.36%	2.05%	2.41%
Jan-09	\$ 104,227,906	\$ 1,081,010	\$ 24,771	\$ 1,105,781	\$ 1,105,781	0.02%	1.04%	1.06%
Feb-09	\$ 80,352,505	\$ 135,031	\$ 231,807	\$ 366,838	\$ 366,838	0.29%	0.17%	0.46%
Mar-09	\$ 89,821,743	\$ 113,882	\$ 2,057,997	\$ 2,171,879	\$ 2,171,879	2.29%	0.13%	2.42%
Apr-09	\$ 77,234,070	\$ 479,184	\$ 2,751,155	\$ 3,230,339	\$ 3,230,339	3.56%	0.62%	4.18%
May-09	\$ 74,300,208	\$ 1,369,967	\$ 528,700	\$ 1,898,667	\$ 1,898,667	0.71%	1.84%	2.56%
Jun-09	\$ 83,116,197	\$ 515,677	\$ 49,536	\$ 565,213	\$ 565,213	0.06%	0.62%	0.68%
FYE09	\$ 1,151,262,425	\$ 19,441,766	\$ 15,736,279	\$ 35,178,045	\$ 35,178,045	1.37%	1.69%	3.06%
Jul-09	\$ 87,725,497	\$ 129,792	\$ 46,872	\$ 176,664	\$ 176,664	0.05%	0.15%	0.20%
Aug-09	\$ 92,021,170	\$ 326,185	\$ 66,216	\$ 392,401	\$ 392,401	0.07%	0.35%	0.43%
Sep-09	\$ 85,879,277	\$ 521,620	\$ 1,896,425	\$ 2,418,045	\$ 2,418,045	2.21%	0.61%	2.82%
Oct-09	\$ 80,745,930	\$ 1,071,664	\$ 2,525,758	\$ 3,597,422	\$ 3,597,422	3.13%	1.33%	4.46%
Nov-09	\$ 77,164,451	\$ 595,954	\$ 2,057,790	\$ 2,653,744	\$ 2,653,744	2.67%	0.77%	3.44%
Dec-09	\$ 89,826,980	\$ 1,102,258	\$ 56,520	\$ 1,158,778	\$ 1,158,778	0.06%	1.23%	1.29%
Jan-10	\$ 93,895,226	\$ 400,776	\$ 453,254	\$ 854,030	\$ 854,030	0.48%	0.43%	0.91%
Feb-10	\$ 80,730,673	\$ 184,287	\$ 514,946	\$ 699,233	\$ 699,233	0.64%	0.23%	0.87%
Mar-10	\$ 81,078,817	\$ 394,515	\$ 834,192	\$ 1,228,707	\$ 1,228,707	1.03%	0.49%	1.52%
Apr-10	\$ 80,458,470	\$ 439,385	\$ 2,635,175	\$ 3,074,560	\$ 3,074,560	3.28%	0.55%	3.82%
May-10	\$ 99,734,425	\$ 684,343	\$ 3,038,350	\$ 3,722,693	\$ 3,722,693	3.05%	0.69%	3.73%
Jun-10	\$ 93,808,543	\$ 36,894	\$ 44,305	\$ 81,199	\$ 81,199	0.05%	0.04%	0.09%
FYE10	\$ 1,043,069,459	\$ 5,887,673	\$ 14,169,803	\$ 20,057,476	\$ 20,057,476	1.36%	0.56%	1.92%

Xcel	Net Energy Costs (a)		Outages Costs		Total (p)	P. Outages	F. Outages	Outages
	Planned	Forced	Share of System Costs	Share of System Costs		Share of System Costs		
Jul-10	\$ 113,323,948	\$ 1,006,179	\$ 168,241	\$ 1,174,420	0.89%	0.15%	1.04%	
Aug-10	\$ 120,742,182	\$ 1,322,649	\$ 39,768	\$ 1,362,417	1.10%	0.03%	1.13%	
Sep-10	\$ 78,659,425	\$ 195,048	\$ -	\$ 195,048	0.25%	0.00%	0.25%	
Oct-10	\$ 81,246,071	\$ 213,532	\$ 33,279	\$ 246,811	0.26%	0.04%	0.30%	
Nov-10	\$ 84,833,418	\$ 2,498,781	\$ 85,744	\$ 2,584,525	2.95%	0.10%	3.05%	
Dec-10	\$ 90,588,015	\$ -	\$ 351,026	\$ 351,026	0.00%	0.39%	0.39%	
Jan-11	\$ 92,318,583	\$ -	\$ 507,186	\$ 507,186	0.00%	0.55%	0.55%	
Feb-11	\$ 90,787,386	\$ -	\$ 280,401	\$ 280,401	0.00%	0.31%	0.31%	
Mar-11	\$ 92,036,327	\$ 3,754,967	\$ 189,864	\$ 3,944,831	4.08%	0.21%	4.29%	
Apr-11	\$ 89,314,179	\$ 6,457,974	\$ 438,446	\$ 6,896,420	7.23%	0.49%	7.72%	
May-11	\$ 92,329,582	\$ 5,857,280	\$ 858,361	\$ 6,715,641	6.34%	0.93%	7.27%	
Jun-11	\$ 92,904,289	\$ 2,066,850	\$ 650,574	\$ 2,717,424	2.22%	0.70%	2.92%	
FYE11	\$ 1,119,083,405	\$ 23,373,260	\$ 3,602,890	\$ 26,976,150	2.09%	0.32%	2.41%	
Jul-11	\$ 126,618,613	\$ 27,236	\$ 1,485,947	\$ 1,513,183	0.02%	1.17%	1.20%	
Aug-11	\$ 106,990,101	\$ 47,364	\$ 981,040	\$ 1,028,404	0.04%	0.92%	0.96%	
Sep-11	\$ 84,457,228	\$ -	\$ -	\$ -	0.00%	0.00%	0.00%	
Oct-11	\$ 89,288,788	\$ 302,034	\$ 2,428,335	\$ 2,730,369	0.34%	2.72%	3.06%	
Nov-11	\$ 86,173,652	\$ -	\$ 1,132,679	\$ 1,132,679	0.00%	1.31%	1.31%	
Dec-11	\$ 92,538,417	\$ 1,372,983	\$ 3,258,292	\$ 4,631,275	1.48%	3.52%	5.00%	
Jan-12	\$ 95,195,722	\$ 83,127	\$ 818,325	\$ 901,452	0.09%	0.86%	0.95%	
Feb-12	\$ 86,788,447	\$ 1,558,422	\$ 1,071,268	\$ 2,629,690	1.80%	1.23%	3.03%	
Mar-12	\$ 86,909,799	\$ 4,670,827	\$ 2,352,313	\$ 7,023,140	5.37%	2.71%	8.08%	
Apr-12	\$ 79,887,359	\$ 5,789,988	\$ 2,706,434	\$ 8,496,422	7.25%	3.39%	10.64%	
May-12	\$ 93,851,877	\$ 13,845,642	\$ 5,959,252	\$ 19,804,894	14.75%	6.35%	21.10%	
Jun-12	\$ 103,737,921	\$ 3,213,739	\$ 10,335,304	\$ 13,549,043	3.10%	9.96%	13.06%	
FYE12	\$ 1,132,437,924	\$ 30,911,362	\$ 32,529,189	\$ 63,440,551	2.73%	2.87%	5.60%	

Source

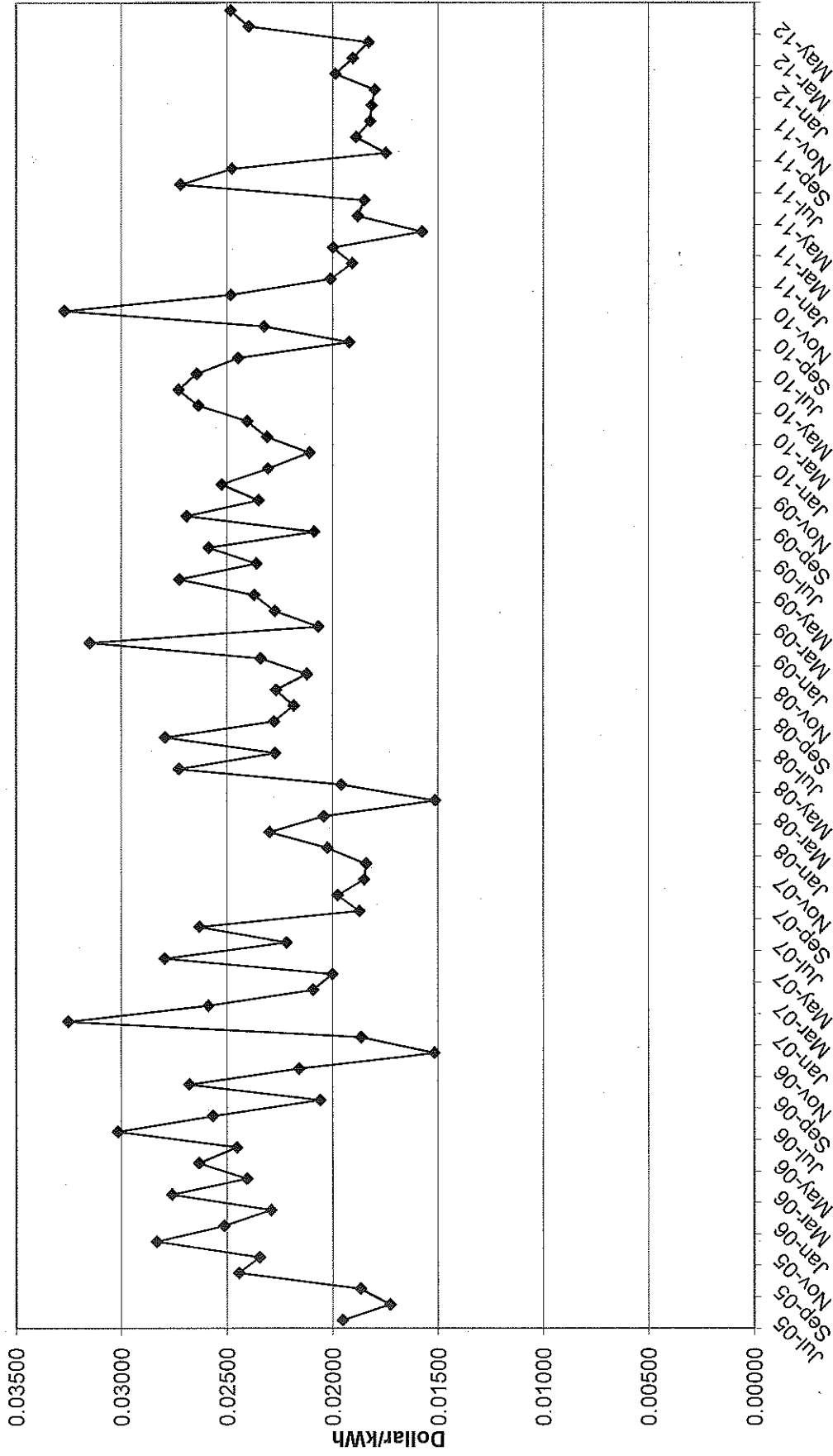
- (a) Source: Xcel monthly FCAs. Net Energy Costs = System costs exclusive of Intersystem sales and Schedule 16 & 17 costs.
- (b1) Source: Xcel's monthly FCAs.
- (b2) Source: Xcel's monthly FCAs.
- (c) Source: Xcel's monthly FCAs. RSG = Revenue Sufficiency Guarantee Charges (#10, 11, 24 & 25)
- (d) Source: Xcel's monthly FCAs. RNU = Real-Time Revenue Neutrality Uplift Charges (#23)
- (e) Source: Xcel's monthly FCAs. MAC = Market Administration Charges (#4, #19 & #29): Schedules 16 & 17
- (f) Source: Xcel's monthly FCAs. Net System MWh Sales = System MWh sales exclusive of Intersystem sales.
- (g) = (a)/(f)/1000
- (h1) = (b1)/(f)/1000
- (h2) = (b2)/(f)/1000
- (i) = (c)/(f)/1000
- (j) = (d)/(f)/1000
- (k) = (e)/(f)/1000
- (l) & (m) Source: Wind Curtailment Summary Reports for Lake Benton I, Lake Benton II, Chanarambie, Moraine, NAE, Velva, FPL Energy Mower County, Norgaard and MinnDakota in Xcel's February 27, 2009 AA filing in Docket No. E002/AA-09-193.
- (n) = (m)/(l)
- (o) = (m)/(f)/1000
- Lake Benton I's PPA was approved on April 11, 1997 in Docket No. E002/M-94-730
- Lake Benton II's PPA was approved on June 3, 1998 in Docket No. E002/M-96-1002
- Chanarambie's PPA was approved on July 17, 2002 in Docket No. E002/M-00-622
- Moraine's (formerly Navitas Energy) PPA was approved on July 17, 2002 in Docket No. E002/M-02-51
- NAE's PPAs were executed on February 15, 1999, and amended on July 17, 2000
- Velva's PPA was approved on December 29, 2004 in Docket No. E002/M-04-864
- FPL Energy Mower County's PPA was approved on March 31, 2006 in Docket No. E002/M-05-1934.
- (p) Source: Xcel's January 16, 2008 response to the OES information request No. 204 in Docket No. E999/AA-07-1130 for FYE07, then Xcel's monthly FCAs.

Note: Data after January 2009 is from Xcel's September 2, 2011 and later Input Data emails.

Attachment E2

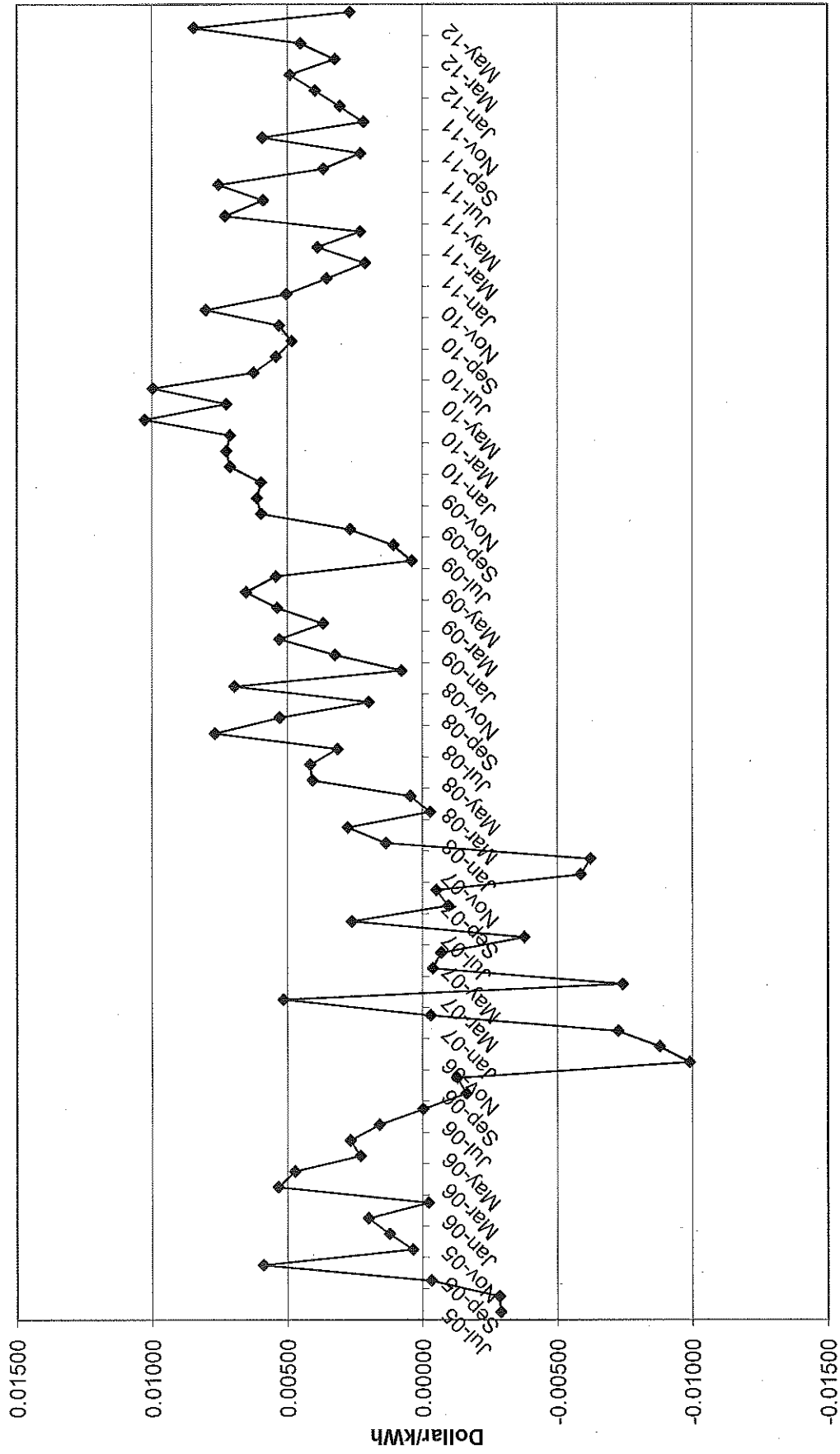
IPL's Graphs, Data and Source: FYE06 through FYE12.

IPL's Net Energy Costs (\$/kWh)



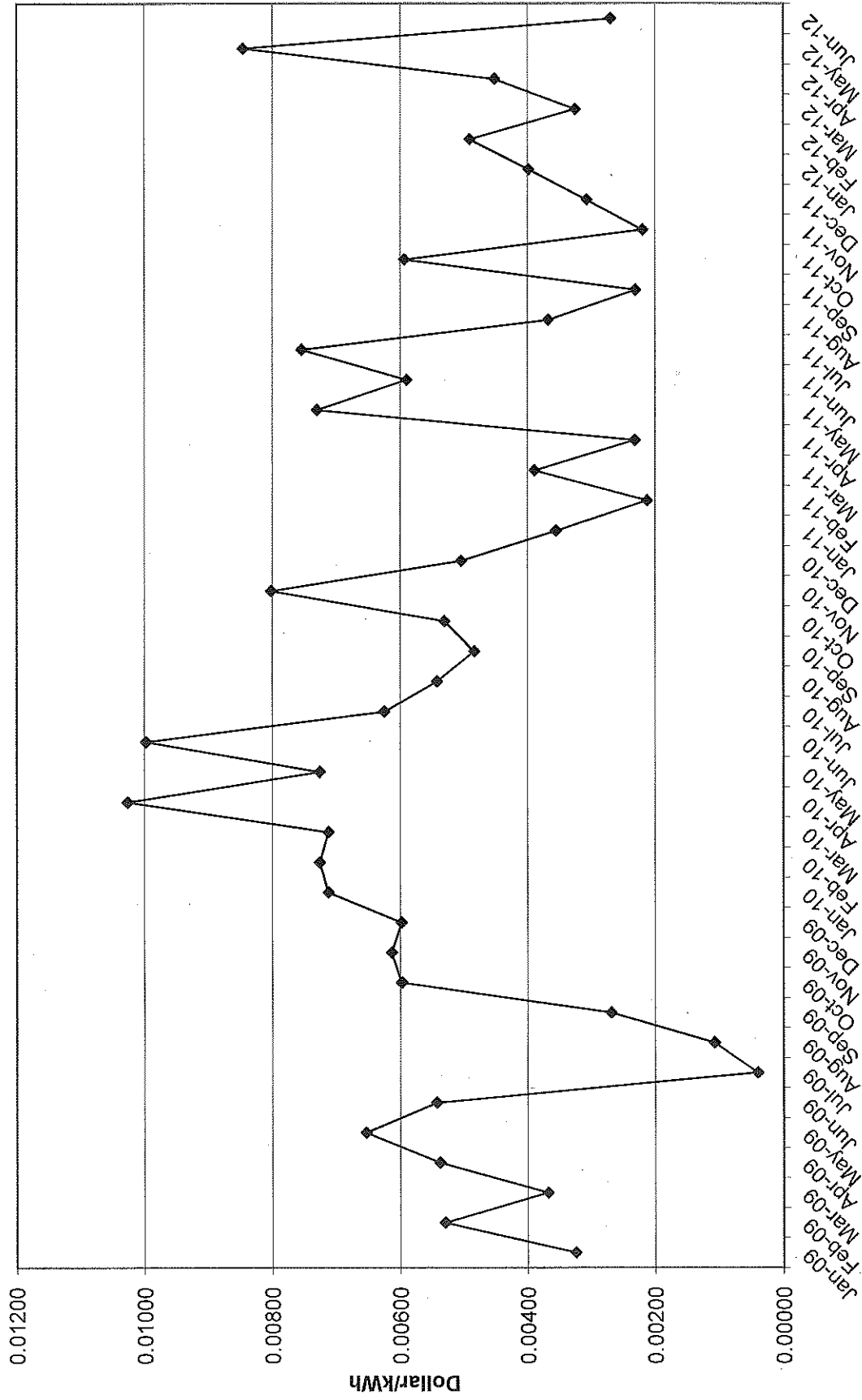
July 2005-June 2012

IPL's MISO Day 2 Costs (\$/kWh)

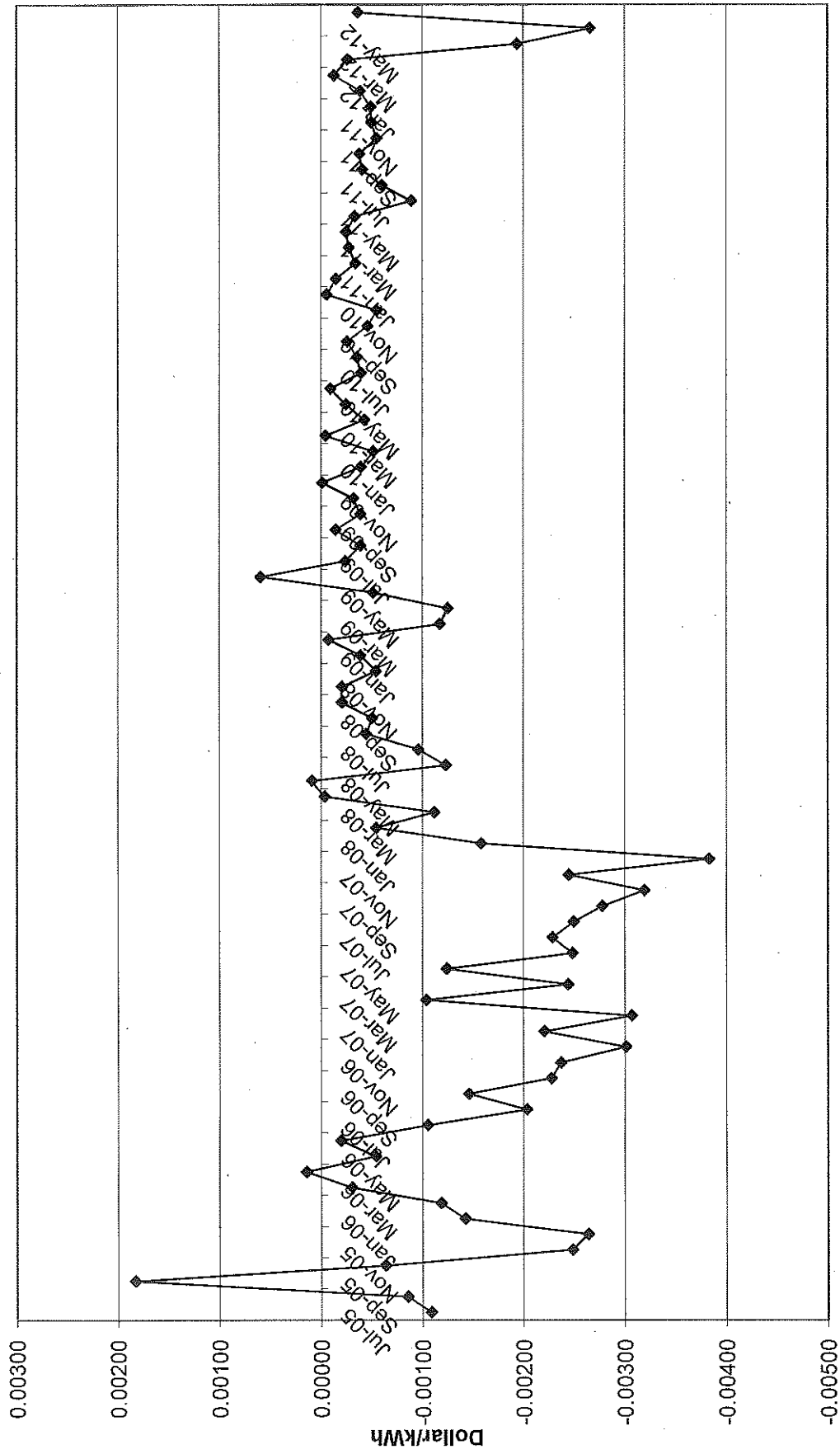


July 2005- June 2012

IPL's MISO ASM Costs (\$/kWh)

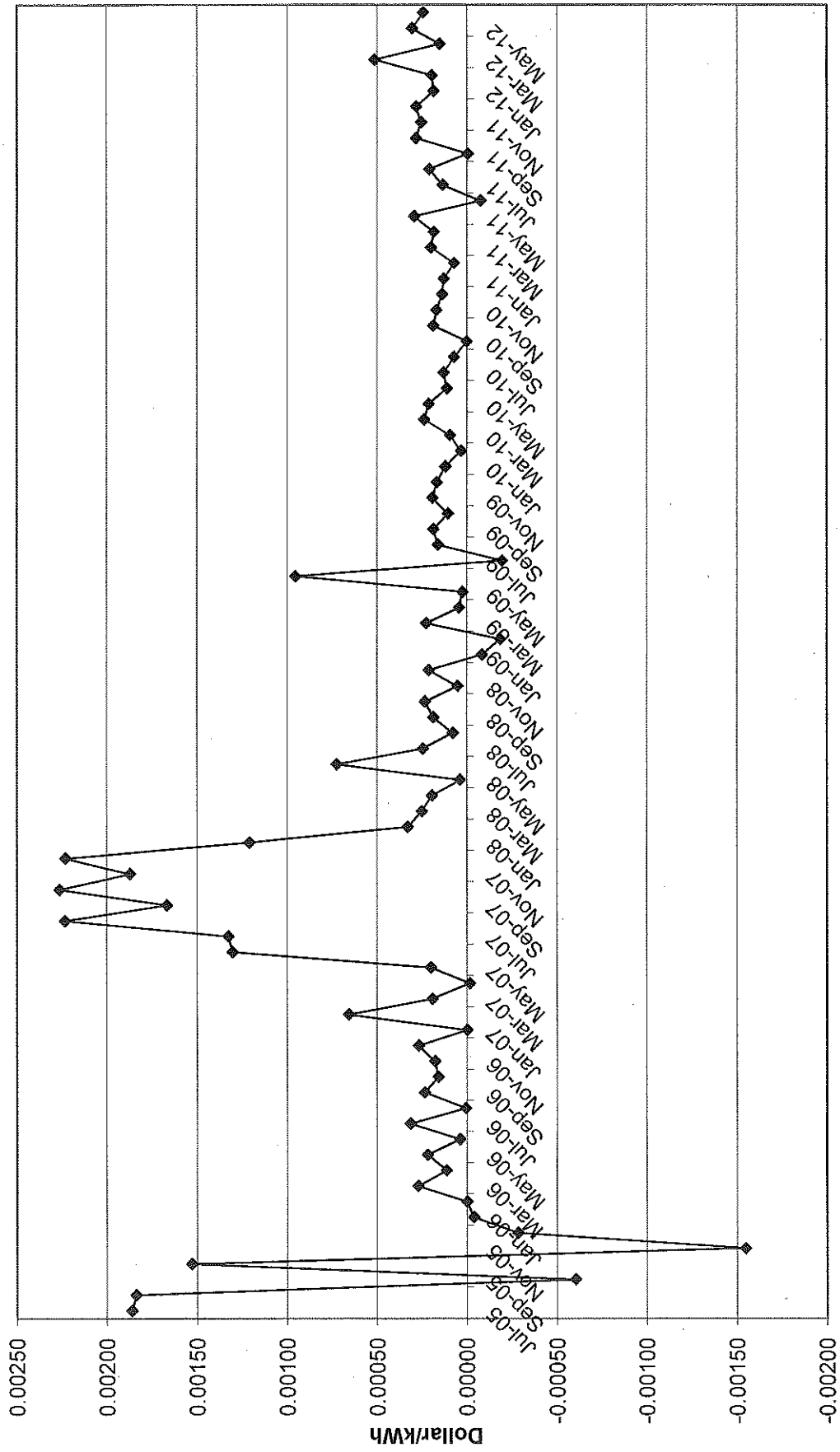


IPL's RSG Charges (\$/kWh)



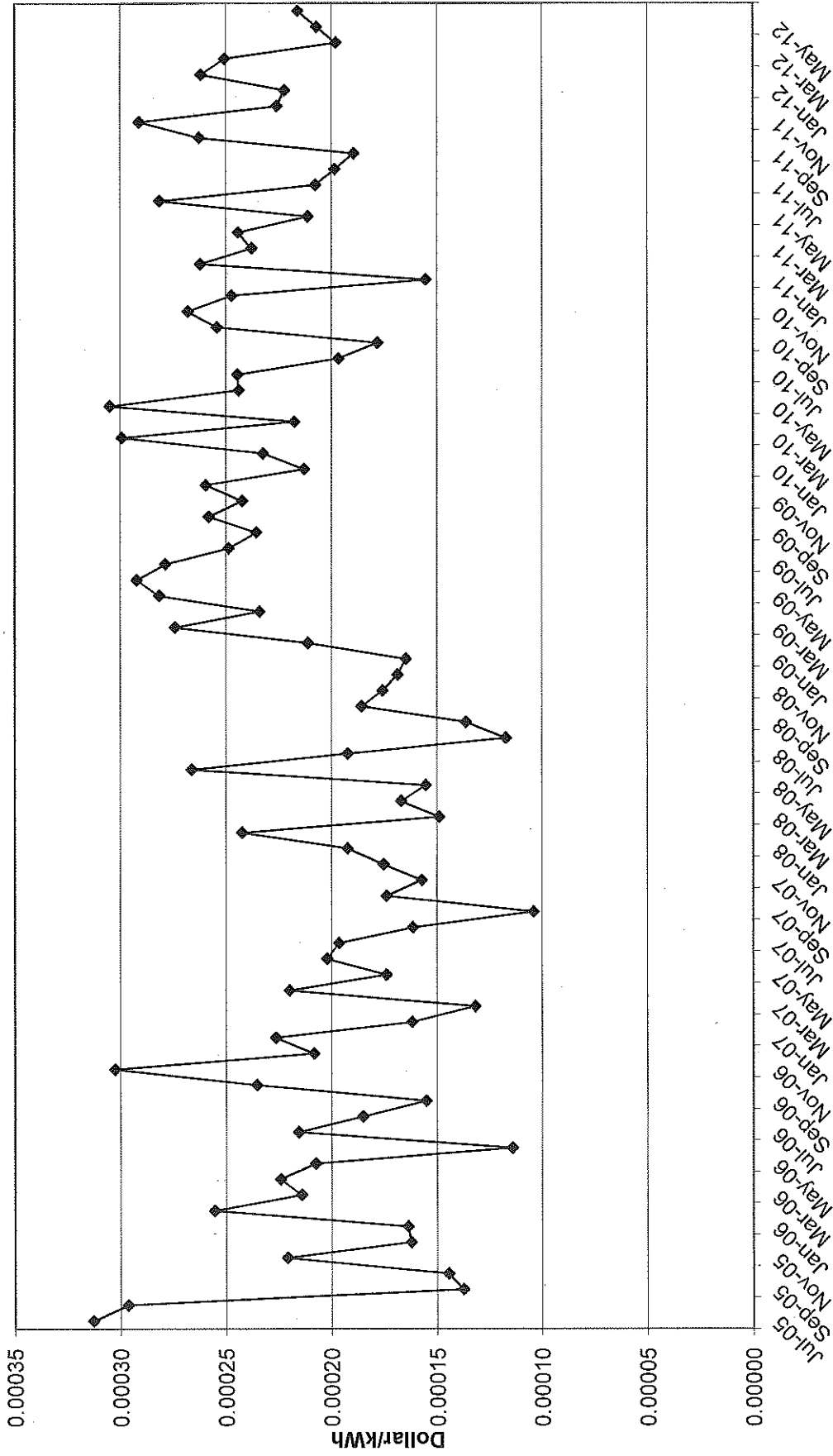
July 2005-June 2012

IPL's RNU Charges (\$/kWh)



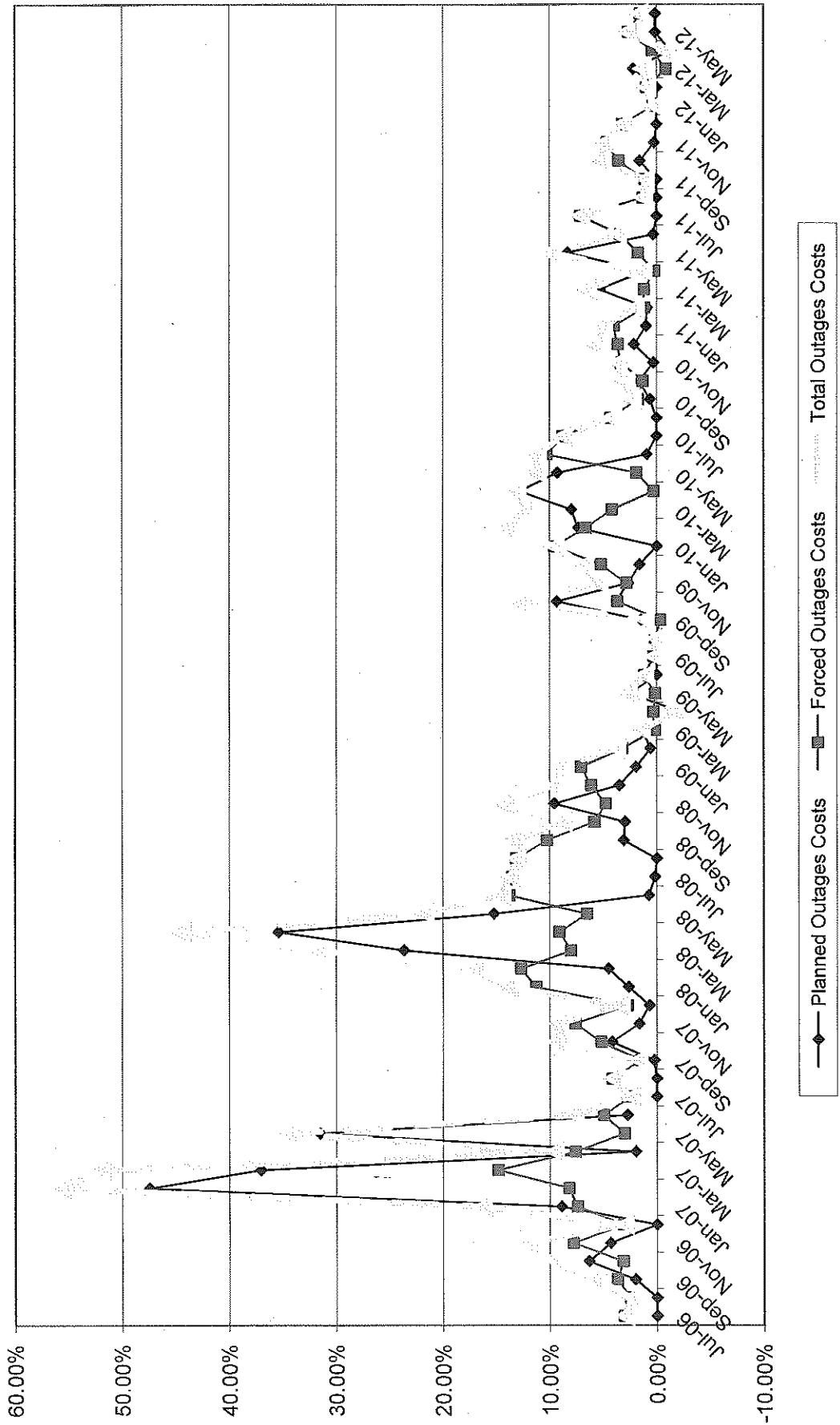
July 2005-June 2012

IPL's Schedules 16 & 17 Costs (\$/kWh)



July 2005-June 2012

IPL's Planned and Forced Outages Share of System Costs



IPL	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-05	\$ 28,745,941	\$ (4,246,030)	\$ (1,596,592)	\$ 2,740,805	\$ 460,322	1,471,197,900	
Aug-05	\$ 25,936,603	\$ (4,275,556)	\$ (1,283,065)	\$ 2,759,671	\$ 445,018	1,501,067,623	
Sep-05	\$ 26,541,509	\$ (447,994)	\$ 2,600,455	\$ (855,623)	\$ 195,378	1,420,186,183	
Oct-05	\$ 32,809,541	\$ 7,925,579	\$ (853,181)	\$ 2,054,178	\$ 194,112	1,342,391,676	
Nov-05	\$ 29,768,471	\$ 459,876	\$ (3,149,237)	\$ (1,962,560)	\$ 280,403	1,268,887,706	
Dec-05	\$ 39,854,848	\$ 1,731,516	\$ (3,709,312)	\$ (397,437)	\$ 228,383	1,406,810,124	
Jan-06	\$ 35,538,112	\$ 2,843,678	\$ (2,008,900)	\$ (52,952)	\$ 231,498	1,413,279,772	
Feb-06	\$ 29,910,738	\$ (284,811)	\$ (1,545,778)	\$ (496)	\$ 333,550	1,305,369,960	
Mar-06	\$ 34,771,749	\$ 6,732,700	\$ (379,775)	\$ 343,659	\$ 269,833	1,259,230,464	
Apr-06	\$ 29,096,717	\$ 5,722,526	\$ 175,524	\$ 138,157	\$ 271,193	1,209,493,200	
May-06	\$ 31,325,502	\$ 2,742,635	\$ (639,961)	\$ 261,554	\$ 246,956	1,189,481,672	
Jun-06	\$ 33,017,187	\$ 3,608,050	\$ (263,144)	\$ 53,151	\$ 153,740	1,345,717,784	
FYE06	\$ 377,316,919	\$ 22,512,168	\$ (12,652,967)	\$ 5,082,105	\$ 3,310,387	16,133,114,064	
Jul-06	\$ 43,802,746	\$ 2,335,003	\$ (1,527,089)	\$ 457,558	\$ 313,022	1,452,388,899	
Aug-06	\$ 39,961,304	\$ (26,254)	\$ (3,161,189)	\$ 8,908	\$ 288,261	1,556,386,327	
Sep-06	\$ 28,391,692	\$ (2,233,147)	\$ (2,009,455)	\$ 325,194	\$ 213,922	1,378,680,504	
Oct-06	\$ 33,836,937	\$ (1,622,259)	\$ (2,869,849)	\$ 201,936	\$ 297,323	1,262,839,054	
Nov-06	\$ 27,498,977	\$ (12,595,082)	\$ (3,015,228)	\$ 227,310	\$ 385,343	1,273,220,382	
Dec-06	\$ 21,003,892	\$ (12,160,307)	\$ (4,164,979)	\$ 373,910	\$ 288,381	1,383,904,274	
Jan-07	\$ 26,334,646	\$ (10,229,907)	\$ (3,110,624)	\$ (1,106)	\$ 319,752	1,411,527,355	
Feb-07	\$ 44,946,927	\$ (406,580)	\$ (4,237,359)	\$ 908,774	\$ 223,797	1,381,786,746	
Mar-07	\$ 33,029,147	\$ 6,576,133	\$ (1,320,646)	\$ 246,263	\$ 168,237	1,275,576,830	
Apr-07	\$ 25,155,216	\$ (8,909,207)	\$ (2,930,373)	\$ (19,944)	\$ 264,295	1,201,733,153	
May-07	\$ 25,265,450	\$ (472,788)	\$ (1,561,397)	\$ 254,710	\$ 219,824	1,261,964,155	
Jun-07	\$ 38,112,188	\$ (931,502)	\$ (3,383,601)	\$ 1,778,185	\$ 275,697	1,363,325,968	
FYE07	\$ 387,339,121	\$ (40,675,898)	\$ (33,291,789)	\$ 4,761,697	\$ 3,257,854	16,203,333,647	

IPL	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-07	\$ 32,578,361	\$ (5,541,044)	\$	\$ (3,355,679)	\$ 1,950,374	\$ 288,705	1,468,967,463
Aug-07	\$ 39,979,880	\$ 3,989,209	\$	\$ (3,787,869)	\$ 3,392,331	\$ 245,387	1,519,158,916
Sep-07	\$ 27,064,424	\$ (1,378,756)	\$	\$ (4,008,698)	\$ 2,409,124	\$ 150,518	1,444,242,668
Oct-07	\$ 26,686,231	\$ (686,667)	\$	\$ (4,307,850)	\$ 3,054,978	\$ 234,894	1,349,753,807
Nov-07	\$ 23,930,332	\$ (7,578,315)	\$	\$ (3,160,151)	\$ 2,421,136	\$ 203,385	1,292,777,939
Dec-07	\$ 26,120,063	\$ (8,815,065)	\$	\$ (5,424,876)	\$ 3,160,735	\$ 248,703	1,417,233,079
Jan-08	\$ 30,322,072	\$ 2,043,319	\$	\$ (2,362,937)	\$ 1,812,800	\$ 288,122	1,496,668,096
Feb-08	\$ 32,091,986	\$ 3,874,025	\$	\$ (756,685)	\$ 462,174	\$ 338,394	1,396,311,895
Mar-08	\$ 27,794,892	\$ (380,974)	\$	\$ (1,516,145)	\$ 343,617	\$ 202,831	1,360,889,650
Apr-08	\$ 19,151,818	\$ 568,076	\$	\$ (42,296)	\$ 249,073	\$ 211,408	1,264,980,031
May-08	\$ 24,020,711	\$ 4,995,624	\$	\$ 112,746	\$ 48,756	\$ 190,466	1,225,213,271
Jun-08	\$ 33,684,386	\$ 5,133,764	\$	\$ (1,517,489)	\$ 895,585	\$ 328,652	1,234,678,897
FYE08	\$ 343,425,156	\$ (3,776,805)	\$	\$ (30,127,929)	\$ 20,200,683	\$ 2,931,464	16,470,875,712
Jul-08	\$ 31,192,225	\$ 4,335,144	\$	\$ (1,315,438)	\$ 339,068	\$ 264,132	1,372,910,308
Aug-08	\$ 40,842,555	\$ 11,239,470	\$	\$ (646,973)	\$ 116,659	\$ 171,527	1,462,367,944
Sep-08	\$ 32,471,042	\$ 7,541,822	\$	\$ (716,535)	\$ 268,572	\$ 194,402	1,426,173,943
Oct-08	\$ 29,295,517	\$ 2,669,291	\$	\$ (273,507)	\$ 313,955	\$ 249,153	1,340,900,976
Nov-08	\$ 29,332,826	\$ 9,003,769	\$	\$ (263,108)	\$ 69,161	\$ 227,515	1,293,424,898
Dec-08	\$ 30,899,097	\$ 1,136,658	\$	\$ (784,690)	\$ 311,403	\$ 245,696	1,455,582,726
Jan-09	\$ 34,995,486	\$ 4,854,304	\$	\$ (578,623)	\$ (123,918)	\$ 246,400	1,495,057,013
Feb-09	\$ 43,132,405	\$ 7,260,022	\$ (40,299)	\$ (95,816)	\$ (251,693)	\$ 289,419	1,369,871,535
Mar-09	\$ 25,790,719	\$ 4,591,793	\$ 36,773	\$ (1,458,849)	\$ 285,373	\$ 341,892	1,247,254,313
Apr-09	\$ 26,074,069	\$ 6,169,168	\$ 71,210	\$ (1,431,049)	\$ 51,652	\$ 268,483	1,146,716,691
May-09	\$ 26,934,893	\$ 7,425,881	\$ 21,191	\$ (578,795)	\$ 29,522	\$ 319,843	1,136,068,490
Jun-09	\$ 31,998,686	\$ 6,374,162	\$ 14,399	\$ 701,559	\$ 1,121,689	\$ 343,039	1,173,885,162
FYE09	\$ 382,959,520	\$ 72,601,484	\$ 103,274	\$ (7,441,824)	\$ 2,531,441	\$ 3,161,501	15,920,213,999

IPL	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-09	\$ 31,065,158	\$ 533,339	\$ (10,901)	\$ (310,167)	\$ (256,029)	\$ 366,758	1,315,887,975
Aug-09	\$ 33,236,030	\$ 1,387,244	\$ (19,321)	\$ (495,771)	\$ 208,572	\$ 319,546	1,284,605,811
Sep-09	\$ 26,585,974	\$ 3,425,860	\$ (62,274)	\$ (180,691)	\$ 240,405	\$ 300,015	1,273,339,187
Oct-09	\$ 32,444,376	\$ 7,205,526	\$ 55,648	\$ (465,988)	\$ 128,160	\$ 311,153	1,205,438,907
Nov-09	\$ 28,380,297	\$ 7,406,665	\$ 9,020	\$ (382,268)	\$ 233,684	\$ 292,536	1,207,336,502
Dec-09	\$ 35,230,119	\$ 8,345,555	\$ 115,635	\$ (13,242)	\$ 236,261	\$ 361,998	1,394,929,157
Jan-10	\$ 33,708,537	\$ 10,416,377	\$ 116,511	\$ (570,208)	\$ 177,188	\$ 311,395	1,461,796,015
Feb-10	\$ 27,185,434	\$ 9,352,892	\$ 124,587	\$ (661,010)	\$ 44,659	\$ 299,362	1,287,683,251
Mar-10	\$ 28,681,822	\$ 8,847,746	\$ 32,682	\$ (52,477)	\$ 118,647	\$ 371,509	1,241,272,275
Apr-10	\$ 27,748,729	\$ 11,846,004	\$ (18,481)	\$ (490,442)	\$ 276,965	\$ 251,112	1,153,964,218
May-10	\$ 29,642,529	\$ 8,173,871	\$ (9,111)	\$ (272,750)	\$ 241,485	\$ 343,048	1,124,828,984
Jun-10	\$ 35,673,056	\$ 13,037,024	\$ 66,751	\$ (118,465)	\$ 147,006	\$ 318,764	1,306,819,731
FYE10	\$ 369,582,061	\$ 89,978,102	\$ 400,744	\$ (4,013,476)	\$ 1,797,002	\$ 3,847,194	15,257,902,013
Jul-10	\$ 37,823,662	\$ 8,944,887	\$ 73,280	\$ (561,938)	\$ 188,139	\$ 349,651	1,430,190,119
Aug-10	\$ 36,604,442	\$ 8,113,707	\$ 93,757	\$ (527,832)	\$ 109,290	\$ 294,149	1,495,096,810
Sep-10	\$ 27,176,968	\$ 6,842,983	\$ 56,442	\$ (361,165)	\$ 2,560	\$ 252,140	1,413,316,142
Oct-10	\$ 28,347,599	\$ 6,477,412	\$ 44,483	\$ (558,033)	\$ 230,243	\$ 309,967	1,219,180,016
Nov-10	\$ 38,230,184	\$ 9,377,508	\$ 21,223	\$ (641,582)	\$ 200,257	\$ 313,267	1,169,095,919
Dec-10	\$ 34,259,739	\$ 6,964,196	\$ 41,224	\$ (75,798)	\$ 193,042	\$ 341,247	1,379,651,595
Jan-11	\$ 28,521,493	\$ 5,039,222	\$ 51,196	\$ (205,865)	\$ 186,257	\$ 220,395	1,418,223,757
Feb-11	\$ 25,501,408	\$ 2,841,642	\$ 55,352	\$ (452,808)	\$ 98,134	\$ 350,157	1,335,905,156
Mar-11	\$ 24,566,491	\$ 4,781,797	\$ 98,362	\$ (334,406)	\$ 247,836	\$ 292,270	1,228,657,734
Apr-11	\$ 18,727,101	\$ 2,752,695	\$ 50,387	\$ (291,239)	\$ 221,305	\$ 289,964	1,186,935,573
May-11	\$ 22,456,179	\$ 8,712,736	\$ 73,015	\$ (395,008)	\$ 351,004	\$ 252,048	1,192,527,715
Jun-11	\$ 23,785,288	\$ 7,583,045	\$ 87,964	\$ (1,140,685)	\$ (95,572)	\$ 361,536	1,284,701,906
FYE11	\$ 346,000,555	\$ 78,431,830	\$ 746,685	\$ (5,546,358)	\$ 1,932,495	\$ 3,626,793	15,753,482,442

IPL	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-11	\$ 38,892,170	\$ 10,787,401	\$ 103,471	\$ (853,390)	\$ 194,910	\$ 296,956	1,429,730,699
Aug-11	\$ 38,311,779	\$ 5,687,754	\$ 111,412	\$ (625,757)	\$ 326,844	\$ 306,999	1,546,479,651
Sep-11	\$ 24,278,987	\$ 3,205,033	\$ 20,060	\$ (524,382)	\$ (4,832)	\$ 263,175	1,387,663,326
Oct-11	\$ 23,031,887	\$ 7,235,780	\$ 68,089	\$ (665,566)	\$ 347,218	\$ 319,976	1,218,186,156
Nov-11	\$ 22,470,882	\$ 2,710,703	\$ 52,082	\$ (608,602)	\$ 316,604	\$ 358,550	1,231,835,872
Dec-11	\$ 24,113,555	\$ 4,074,372	\$ 20,986	\$ (647,173)	\$ 377,814	\$ 299,859	1,326,616,891
Jan-12	\$ 25,352,158	\$ 5,607,418	\$ 34,155	\$ (540,896)	\$ 264,130	\$ 312,824	1,406,632,740
Feb-12	\$ 25,531,007	\$ 6,310,146	\$ 49,154	\$ (161,144)	\$ 254,152	\$ 336,182	1,283,873,977
Mar-12	\$ 23,512,993	\$ 4,015,679	\$ 34,668	\$ (317,378)	\$ 636,035	\$ 309,334	1,233,563,092
Apr-12	\$ 20,877,215	\$ 5,154,505	\$ 92,312	\$ (2,204,176)	\$ 174,925	\$ 225,603	1,139,514,014
May-12	\$ 28,028,571	\$ 9,891,614	\$ 79,267	\$ (3,105,146)	\$ 359,197	\$ 242,164	1,169,016,985
Jun-12	\$ 32,236,503	\$ 3,505,516	\$ 30,568	\$ (469,753)	\$ 319,120	\$ 280,379	1,297,665,392
FYE12	\$ 326,637,706	\$ 68,185,920	\$ 696,223	\$ (10,723,362)	\$ 3,566,117	\$ 3,552,000	15,670,778,795

IPL	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSR \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-05	0.01954	-0.00289		-0.00109	0.00186	0.00031
Aug-05	0.01728	-0.00285		-0.00085	0.00184	0.00030
Sep-05	0.01869	-0.00032		0.00183	-0.00060	0.00014
Oct-05	0.02444	0.00590		-0.00064	0.00153	0.00014
Nov-05	0.02346	0.00036		-0.00248	-0.00155	0.00022
Dec-05	0.02833	0.00123		-0.00264	-0.00028	0.00016
Jan-06	0.02515	0.00201		-0.00142	-0.00004	0.00016
Feb-06	0.02291	-0.00022		-0.00118	0.00000	0.00026
Mar-06	0.02761	0.00535		-0.00030	0.00027	0.00021
Apr-06	0.02406	0.00473		0.00015	0.00011	0.00022
May-06	0.02634	0.00231		-0.00054	0.00022	0.00021
Jun-06	0.02454	0.00268		-0.00020	0.00004	0.00011
FYE06	0.02339	0.00140		-0.00078	0.00032	0.00021
Jul-06	0.03016	0.00161		-0.00105	0.00032	0.00022
Aug-06	0.02568	-0.00002		-0.00203	0.00001	0.00019
Sep-06	0.02059	-0.00162		-0.00146	0.00024	0.00016
Oct-06	0.02679	-0.00128		-0.00227	0.00016	0.00024
Nov-06	0.02160	-0.00989		-0.00237	0.00018	0.00030
Dec-06	0.01518	-0.00879		-0.00301	0.00027	0.00021
Jan-07	0.01866	-0.00725		-0.00220	0.00000	0.00023
Feb-07	0.03253	-0.00029		-0.00307	0.00066	0.00016
Mar-07	0.02589	0.00516		-0.00104	0.00019	0.00013
Apr-07	0.02093	-0.00741		-0.00244	-0.00002	0.00022
May-07	0.02002	-0.00037		-0.00124	0.00020	0.00017
Jun-07	0.02796	-0.00068		-0.00248	0.00130	0.00020
FYE07	0.02390	-0.00251		-0.00205	0.00029	0.00020

IPL	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSR \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-07	0.02218	-0.00377		-0.00228	0.00133	0.00020
Aug-07	0.02632	0.00263		-0.00249	0.00223	0.00016
Sep-07	0.01874	-0.00095		-0.00278	0.00167	0.00010
Oct-07	0.01977	-0.00051		-0.00319	0.00226	0.00017
Nov-07	0.01851	-0.00586		-0.00244	0.00187	0.00016
Dec-07	0.01843	-0.00622		-0.00383	0.00223	0.00018
Jan-08	0.02026	0.00137		-0.00158	0.00121	0.00019
Feb-08	0.02298	0.00277		-0.00054	0.00033	0.00024
Mar-08	0.02042	-0.00028		-0.00111	0.00025	0.00015
Apr-08	0.01514	0.00045		-0.00003	0.00020	0.00017
May-08	0.01961	0.00408		0.00009	0.00004	0.00016
Jun-08	0.02728	0.00416		-0.00123	0.00073	0.00027
FYE08	0.02085	-0.00023		-0.00183	0.00123	0.00018
Jul-08	0.02272	0.00316		-0.00096	0.00025	0.00019
Aug-08	0.02793	0.00769		-0.00044	0.00008	0.00012
Sep-08	0.02277	0.00529		-0.00050	0.00019	0.00014
Oct-08	0.02185	0.00199		-0.00020	0.00023	0.00019
Nov-08	0.02268	0.00696		-0.00020	0.00005	0.00018
Dec-08	0.02123	0.00078		-0.00054	0.00021	0.00017
Jan-09	0.02341	0.00325	0.00000	-0.00039	-0.00008	0.00016
Feb-09	0.03149	0.00530	-0.00003	-0.00007	-0.00018	0.00021
Mar-09	0.02068	0.00368	0.00003	-0.00117	0.00023	0.00027
Apr-09	0.02274	0.00538	0.00006	-0.00125	0.00005	0.00023
May-09	0.02371	0.00654	0.00002	-0.00051	0.00003	0.00028
Jun-09	0.02726	0.00543	0.00001	0.00060	0.00096	0.00029
FYE09	0.02405	0.00456	0.00001	-0.00047	0.00016	0.00020

IPL	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-09	0.02361	0.00041	-0.00001	-0.00024	-0.00019	0.00028
Aug-09	0.02587	0.00108	-0.00002	-0.00039	0.00016	0.00025
Sep-09	0.02088	0.00269	-0.00005	-0.00014	0.00019	0.00024
Oct-09	0.02691	0.00598	0.00005	-0.00039	0.00011	0.00026
Nov-09	0.02351	0.00613	0.00001	-0.00032	0.00019	0.00024
Dec-09	0.02526	0.00598	0.00008	-0.00001	0.00017	0.00026
Jan-10	0.02306	0.00713	0.00008	-0.00039	0.00012	0.00021
Feb-10	0.02111	0.00726	0.00010	-0.00051	0.00003	0.00023
Mar-10	0.02311	0.00713	0.00003	-0.00004	0.00010	0.00030
Apr-10	0.02405	0.01027	-0.00002	-0.00043	0.00024	0.00022
May-10	0.02635	0.00727	-0.00001	-0.00024	0.00021	0.00030
Jun-10	0.02730	0.00998	0.00005	-0.00009	0.00011	0.00024
FYE10	0.02422	0.00590	0.00003	-0.00026	0.00012	0.00025
Jul-10	0.02645	0.00625	0.00005	-0.00039	0.00013	0.00024
Aug-10	0.02448	0.00543	0.00006	-0.00035	0.00007	0.00020
Sep-10	0.01923	0.00484	0.00004	-0.00026	0.00000	0.00018
Oct-10	0.02325	0.00531	0.00004	-0.00046	0.00019	0.00025
Nov-10	0.03270	0.00802	0.00002	-0.00055	0.00017	0.00027
Dec-10	0.02483	0.00505	0.00003	-0.00005	0.00014	0.00025
Jan-11	0.02011	0.00355	0.00004	-0.00015	0.00013	0.00016
Feb-11	0.01909	0.00213	0.00004	-0.00034	0.00007	0.00026
Mar-11	0.01999	0.00389	0.00008	-0.00027	0.00020	0.00024
Apr-11	0.01578	0.00232	0.00004	-0.00025	0.00019	0.00024
May-11	0.01883	0.00731	0.00006	-0.00033	0.00029	0.00021
Jun-11	0.01851	0.00590	0.00007	-0.00089	-0.00007	0.00028
FYE11	0.02196	0.00498	0.00005	-0.00035	0.00012	0.00023

IPL	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-11	0.02720	0.00755	0.00007	-0.00060	0.00014	0.00021
Aug-11	0.02477	0.00368	0.00007	-0.00040	0.00021	0.00020
Sep-11	0.01750	0.00231	0.00001	-0.00038	0.00000	0.00019
Oct-11	0.01891	0.00594	0.00006	-0.00055	0.00029	0.00026
Nov-11	0.01824	0.00220	0.00004	-0.00049	0.00026	0.00029
Dec-11	0.01818	0.00307	0.00002	-0.00049	0.00028	0.00023
Jan-12	0.01802	0.00399	0.00002	-0.00038	0.00019	0.00022
Feb-12	0.01989	0.00491	0.00004	-0.00013	0.00020	0.00026
Mar-12	0.01906	0.00326	0.00003	-0.00026	0.00052	0.00025
Apr-12	0.01832	0.00452	0.00008	-0.00193	0.00015	0.00020
May-12	0.02398	0.00846	0.00007	-0.00266	0.00031	0.00021
Jun-12	0.02484	0.00270	0.00002	-0.00036	0.00025	0.00022
FYE12	0.02084	0.00435	0.00004	-0.00068	0.00023	0.00023

IPL	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-06	\$ 43,802,746	\$ -	\$ 1,332,117	\$ 1,332,117	0.00%	3.04%	3.04%
Aug-06	\$ 39,961,304	\$ -	\$ 991,390	\$ 991,390	0.00%	2.48%	2.48%
Sep-06	\$ 28,391,692	\$ 570,437	\$ 1,045,689	\$ 1,616,126	2.01%	3.68%	5.69%
Oct-06	\$ 33,836,937	\$ 2,149,847	\$ 1,071,491	\$ 3,221,338	6.35%	3.17%	9.52%
Nov-06	\$ 27,498,977	\$ 1,191,500	\$ 2,149,478	\$ 3,340,978	4.33%	7.82%	12.15%
Dec-06	\$ 21,003,892	\$ -	\$ 649,908	\$ 649,908	0.00%	3.09%	3.09%
Jan-07	\$ 26,334,646	\$ 2,349,733	\$ 1,954,552	\$ 4,304,284	8.92%	7.42%	16.34%
Feb-07	\$ 44,946,927	\$ 21,332,358	\$ 3,686,682	\$ 25,019,040	47.46%	8.20%	55.66%
Mar-07	\$ 33,029,147	\$ 12,241,351	\$ 4,905,467	\$ 17,146,818	37.06%	14.85%	51.91%
Apr-07	\$ 25,155,216	\$ 496,620	\$ 1,912,856	\$ 2,409,476	1.97%	7.60%	9.58%
May-07	\$ 25,265,450	\$ 7,966,087	\$ 760,437	\$ 8,726,523	31.53%	3.01%	34.54%
Jun-07	\$ 38,112,188	\$ 1,050,695	\$ 1,894,759	\$ 2,945,454	2.76%	4.97%	7.73%
FYE07	\$ 387,339,121	\$ 49,348,627	\$ 22,354,826	\$ 71,703,453	12.74%	5.77%	18.51%
Jul-07	\$ 32,578,361	\$ -	\$ 807,383	\$ 807,383	0.00%	2.48%	2.48%
Aug-07	\$ 39,979,880	\$ -	\$ 1,655,233	\$ 1,655,233	0.00%	4.14%	4.14%
Sep-07	\$ 27,064,424	\$ 68,389	\$ 411,584	\$ 479,973	0.25%	1.52%	1.77%
Oct-07	\$ 26,686,231	\$ 1,116,996	\$ 1,389,627	\$ 2,506,623	4.19%	5.21%	9.39%
Nov-07	\$ 23,930,332	\$ 394,272	\$ 1,816,969	\$ 2,211,241	1.65%	7.59%	9.24%
Dec-07	\$ 26,120,063	\$ 179,944	\$ 715,578	\$ 895,522	0.69%	2.74%	3.43%
Jan-08	\$ 30,322,072	\$ 798,342	\$ 3,417,333	\$ 4,215,675	2.63%	11.27%	13.90%
Feb-08	\$ 32,091,986	\$ 1,446,330	\$ 4,068,599	\$ 5,514,929	4.51%	12.68%	17.18%
Mar-08	\$ 27,794,892	\$ 6,575,643	\$ 2,225,766	\$ 8,801,409	23.66%	8.01%	31.67%
Apr-08	\$ 19,151,818	\$ 6,781,557	\$ 1,744,778	\$ 8,526,335	35.41%	9.11%	44.52%
May-08	\$ 24,020,711	\$ 3,657,925	\$ 1,564,468	\$ 5,222,393	15.23%	6.51%	21.74%
Jun-08	\$ 33,684,386	\$ 251,566	\$ 4,648,810	\$ 4,900,376	0.75%	13.80%	14.55%
FYE08	\$ 343,425,156	\$ 21,270,964	\$ 24,466,128	\$ 45,737,092	6.19%	7.12%	13.32%

IPL	Net Energy Costs (a)	Planned	Outages Costs		Total (i)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (i)/(a)
			Planned	Forced				
Jul-08	\$ 31,192,225	\$ 51,089	\$ 4,216,111	\$ 4,267,200	0.16%	13.52%	13.68%	
Aug-08	\$ 40,842,555	\$ -	\$ 5,367,822	\$ 5,367,822	0.00%	13.14%	13.14%	
Sep-08	\$ 32,471,042	\$ 1,003,493	\$ 3,335,971	\$ 4,339,464	3.09%	10.27%	13.36%	
Oct-08	\$ 29,295,517	\$ 871,237	\$ 1,710,255	\$ 2,581,492	2.97%	5.84%	8.81%	
Nov-08	\$ 29,332,826	\$ 2,810,720	\$ 1,393,483	\$ 4,204,203	9.58%	4.75%	14.33%	
Dec-08	\$ 30,899,097	\$ 1,076,872	\$ 1,893,120	\$ 2,969,992	3.49%	6.13%	9.61%	
Jan-09	\$ 34,995,486	\$ 679,901	\$ 2,463,929	\$ 3,143,830	1.94%	7.04%	8.98%	
Feb-09	\$ 43,132,405	\$ 257,980	\$ 1,386,671	\$ 1,644,651	0.60%	3.21%	3.81%	
Mar-09	\$ 25,790,719	\$ 330,503	\$ 49,603	\$ 380,106	1.28%	0.19%	1.47%	
Apr-09	\$ 26,074,069	\$ (569,839)	\$ 83,290	\$ (486,549)	-2.19%	0.32%	-1.87%	
May-09	\$ 26,934,893	\$ 683,814	\$ 37,044	\$ 720,858	2.54%	0.14%	2.68%	
Jun-09	\$ 31,998,686	\$ -	\$ 374,492	\$ 374,492	0.00%	1.17%	1.17%	
FYE09	\$ 382,959,520	\$ 7,195,770	\$ 22,311,791	\$ 29,507,561	1.88%	5.83%	7.71%	
Jul-09	\$ 31,065,158	\$ -	\$ 87,463	\$ 87,463	0.00%	0.28%	0.28%	
Aug-09	\$ 33,236,030	\$ -	\$ 43,338	\$ 43,338	0.00%	0.13%	0.13%	
Sep-09	\$ 26,585,974	\$ 386,093	\$ (85,582)	\$ 300,511	1.45%	-0.32%	1.13%	
Oct-09	\$ 32,444,376	\$ 3,025,460	\$ 1,183,933	\$ 4,209,393	9.33%	3.65%	12.97%	
Nov-09	\$ 28,380,297	\$ 747,057	\$ 792,962	\$ 1,540,019	2.63%	2.79%	5.43%	
Dec-09	\$ 35,230,119	\$ 569,809	\$ 1,832,435	\$ 2,402,244	1.62%	5.20%	6.82%	
Jan-10	\$ 33,708,537	\$ -	\$ 3,221,677	\$ 3,221,677	0.00%	9.56%	9.56%	
Feb-10	\$ 27,185,434	\$ 1,989,785	\$ 1,801,649	\$ 3,791,434	7.32%	6.63%	13.95%	
Mar-10	\$ 28,681,822	\$ 2,283,513	\$ 1,198,231	\$ 3,481,744	7.96%	4.18%	12.14%	
Apr-10	\$ 27,748,729	\$ 3,552,516	\$ 79,872	\$ 3,632,388	12.80%	0.29%	13.09%	
May-10	\$ 29,642,529	\$ 2,755,619	\$ 563,723	\$ 3,319,342	9.30%	1.90%	11.20%	
Jun-10	\$ 35,673,056	\$ 325,743	\$ 3,666,725	\$ 3,992,468	0.91%	10.28%	11.19%	
FYE10	\$ 369,582,061	\$ 15,635,595	\$ 14,386,426	\$ 30,022,021	4.23%	3.89%	8.12%	

IPL	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-10	\$ 37,823,662	\$ -	\$ 3,312,736	\$ 3,312,736	0.00%	8.76%	8.76%
Aug-10	\$ 36,604,442	\$ -	\$ 1,570,245	\$ 1,570,245	0.00%	4.29%	4.29%
Sep-10	\$ 27,176,968	\$ 168,193	\$ 470,137	\$ 638,330	0.62%	1.73%	2.35%
Oct-10	\$ 28,347,599	\$ 462,806	\$ 367,051	\$ 829,857	1.63%	1.29%	2.93%
Nov-10	\$ 38,230,184	\$ 115,075	\$ 1,272,268	\$ 1,387,343	0.30%	3.33%	3.63%
Dec-10	\$ 34,259,739	\$ 722,659	\$ 1,241,502	\$ 1,964,161	2.11%	3.62%	5.73%
Jan-11	\$ 28,521,493	\$ 282,787	\$ 1,136,156	\$ 1,418,943	0.99%	3.98%	4.97%
Feb-11	\$ 25,501,408	\$ 228,621	\$ 291,475	\$ 520,096	0.90%	1.14%	2.04%
Mar-11	\$ 24,566,491	\$ 1,310,277	\$ 291,173	\$ 1,601,450	5.33%	1.19%	6.52%
Apr-11	\$ 18,727,101	\$ 213,311	\$ 33,926	\$ 247,237	1.14%	0.18%	1.32%
May-11	\$ 22,456,179	\$ 1,869,204	\$ 391,319	\$ 2,260,523	8.32%	1.74%	10.07%
Jun-11	\$ 23,785,288	\$ 76,557	\$ 806,262	\$ 882,819	0.32%	3.39%	3.71%
FYE11	\$ 346,000,555	\$ 5,449,490	\$ 11,184,250	\$ 16,633,740	1.57%	3.23%	4.81%
Jul-11	\$ 38,892,170	\$ -	\$ 2,767,732	\$ 2,767,732	0.00%	7.12%	7.12%
Aug-11	\$ 38,311,779	\$ -	\$ 484,069	\$ 484,069	0.00%	1.26%	1.26%
Sep-11	\$ 24,278,987	\$ -	\$ 267,736	\$ 267,736	0.00%	1.10%	1.10%
Oct-11	\$ 23,031,887	\$ 363,167	\$ 817,143	\$ 1,180,310	1.58%	3.55%	5.12%
Nov-11	\$ 22,470,882	\$ 52,889	\$ 1,046,930	\$ 1,099,819	0.24%	4.66%	4.89%
Dec-11	\$ 24,113,555	\$ -	\$ 771,393	\$ 771,393	0.00%	3.20%	3.20%
Jan-12	\$ 25,352,158	\$ -	\$ 82,849	\$ 82,849	0.00%	0.33%	0.33%
Feb-12	\$ 25,531,007	\$ -	\$ 244,235	\$ 244,235	0.00%	0.96%	0.96%
Mar-12	\$ 23,512,993	\$ 517,268	\$ (198,203)	\$ 319,065	2.20%	-0.84%	1.36%
Apr-12	\$ 20,877,215	\$ (265,532)	\$ 88,286	\$ (177,246)	-1.27%	0.42%	-0.85%
May-12	\$ 28,028,571	\$ 39,338	\$ 738,348	\$ 777,686	0.14%	2.63%	2.77%
Jun-12	\$ 32,236,503	\$ 42,403	\$ 497,201	\$ 539,604	0.13%	1.54%	1.67%
FYE12	\$ 326,637,706	\$ 749,533	\$ 7,607,719	\$ 8,357,252	0.23%	2.33%	2.56%

Source

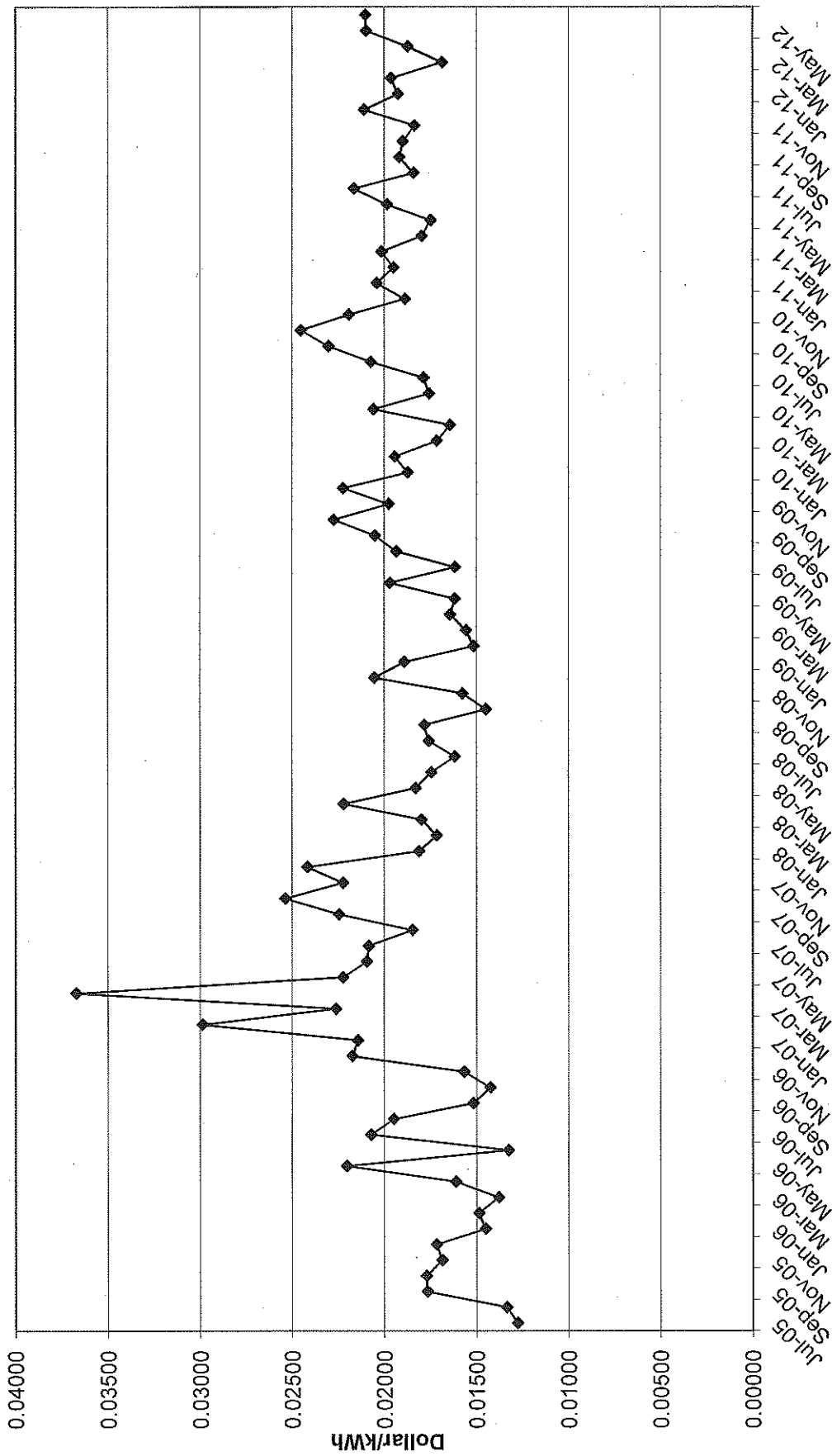
- (a) Source: IPL's monthly FCAs. Net Energy Costs = System costs exclusive of Intersystem sales and Schedule 16 & 17 costs.
- (b1) Source: IPL's monthly FCAs.
- (b2) Source: IPL's monthly FCAs.
- (c) Source: same as in (b); RSG = Revenue Sufficiency Guarantee Charges (#10, 11, 24 & 25).
- (d) Source: same as in (b); RNU = Real-Time Revenue Neutrality Uplift Charges (#23).
- (e) Source: same as in (b); MAC = Market Administration Charges (#4, #19 and #29); Schedules 16 & 17.
- (f) Source: IPL's monthly FCAs.
Net System kWh Sales = System kWh sales exclusive of Intersystem sales.
- (g) = (a)/(f)
- (h1) = (b1)/(f)
- (h2) = (b2)/(f)
- (i) = (c)/(f)
- (j) = (d)/(f)
- (k) = (e)/(f)
- (l) Source: IPL's January 11, 2008 response to the OES's Information Request No. 203 in Docket No. E999/AA-07-1130 for FYE07 data, then IPL's monthly FCAs.

Note: Data after January 2009 is from IPL's August 2, 2011 and later Input Data email.

Attachment E3

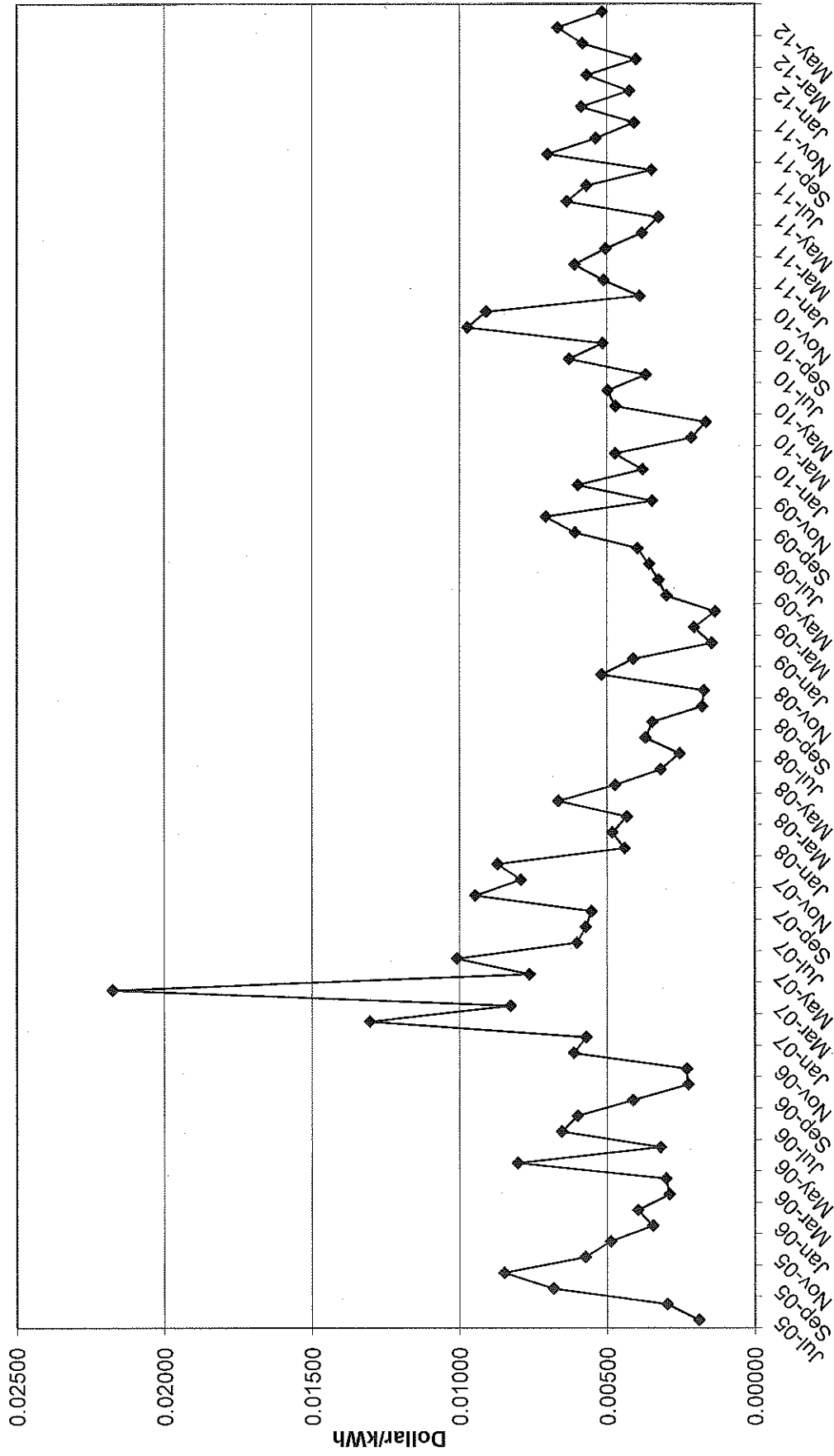
MP's Graphs, Data and Source: FYE06 through FYE12.

MP's Net Energy Costs (\$/kWh)



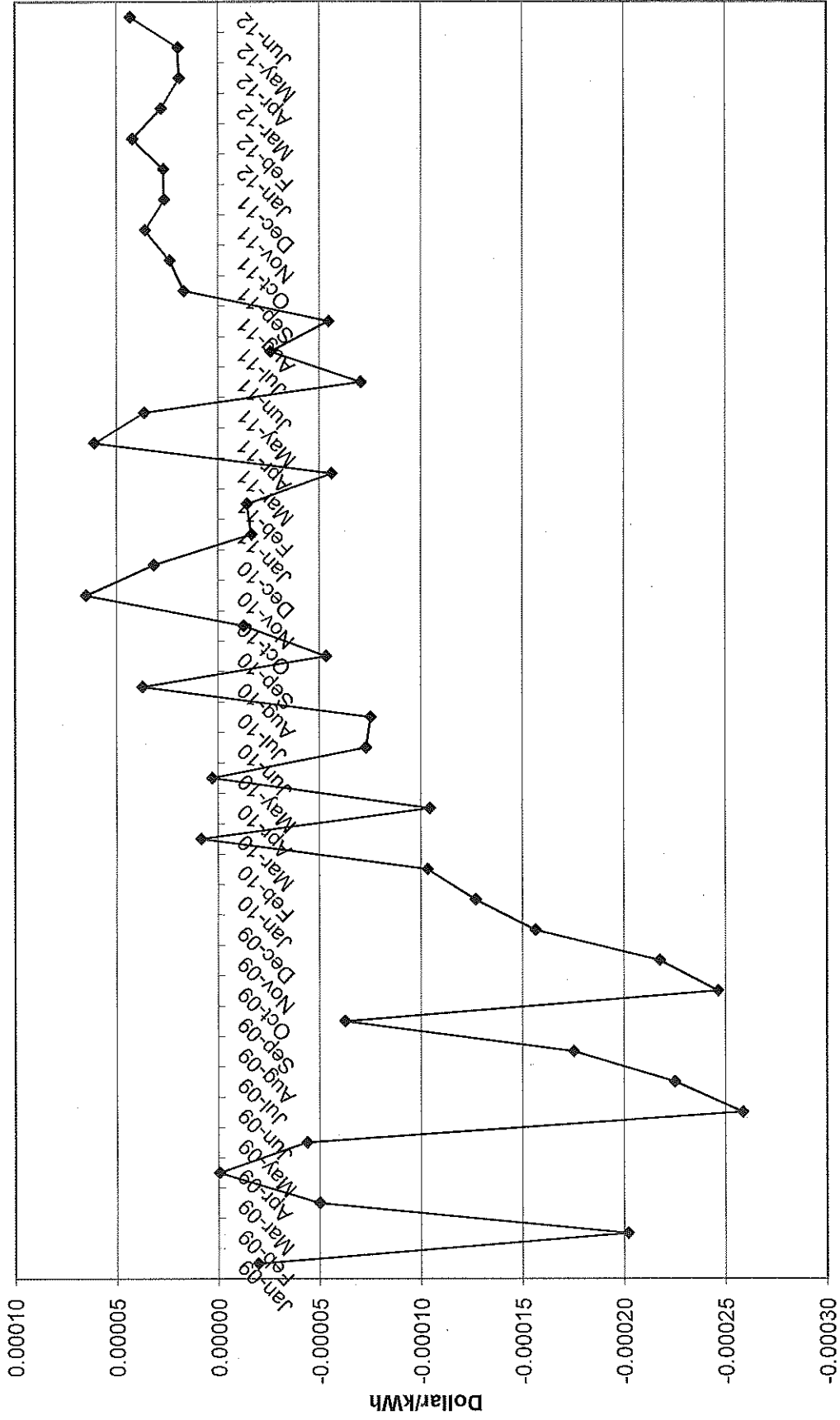
July 2005-June 2012

MP's MISO Day 2 Costs (\$/kWh)



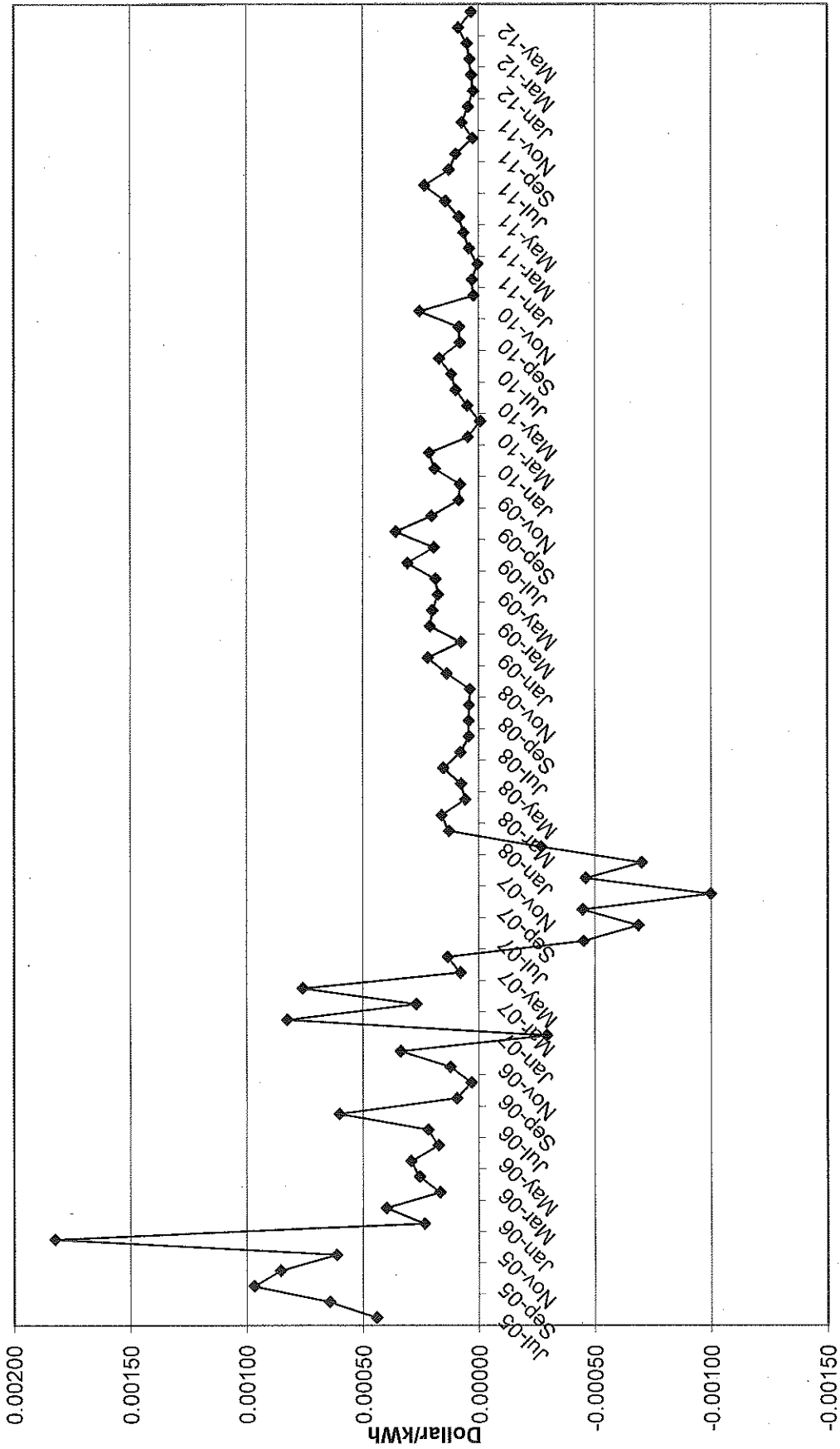
July 2005-June 2012

MP's MISO ASM Costs (\$/kWh)



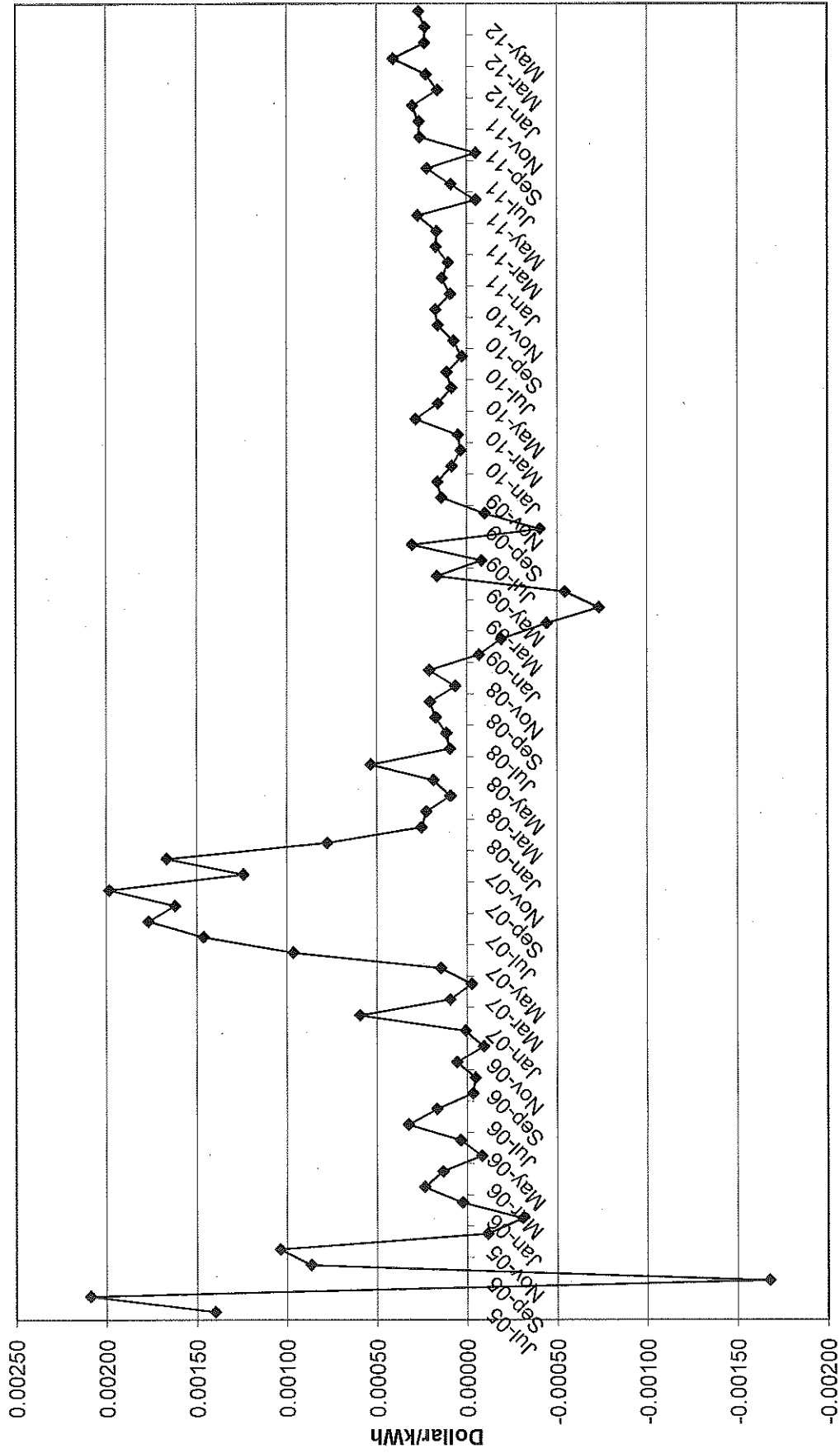
January 2009-June 2012

MP's RSG Charges (\$/kWh)



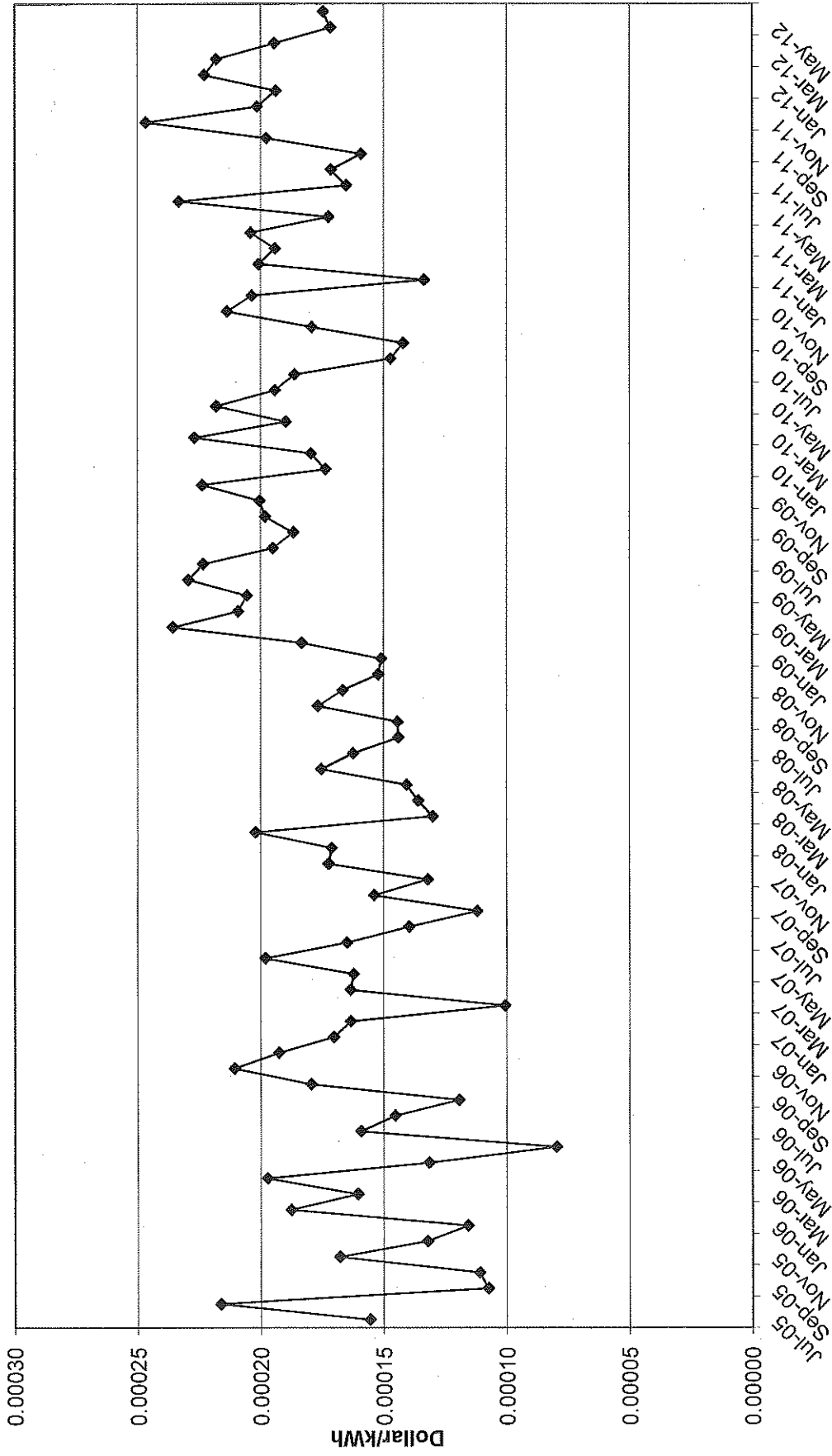
July 2005- June 2012

MP's RNU Charges (\$/kWh)



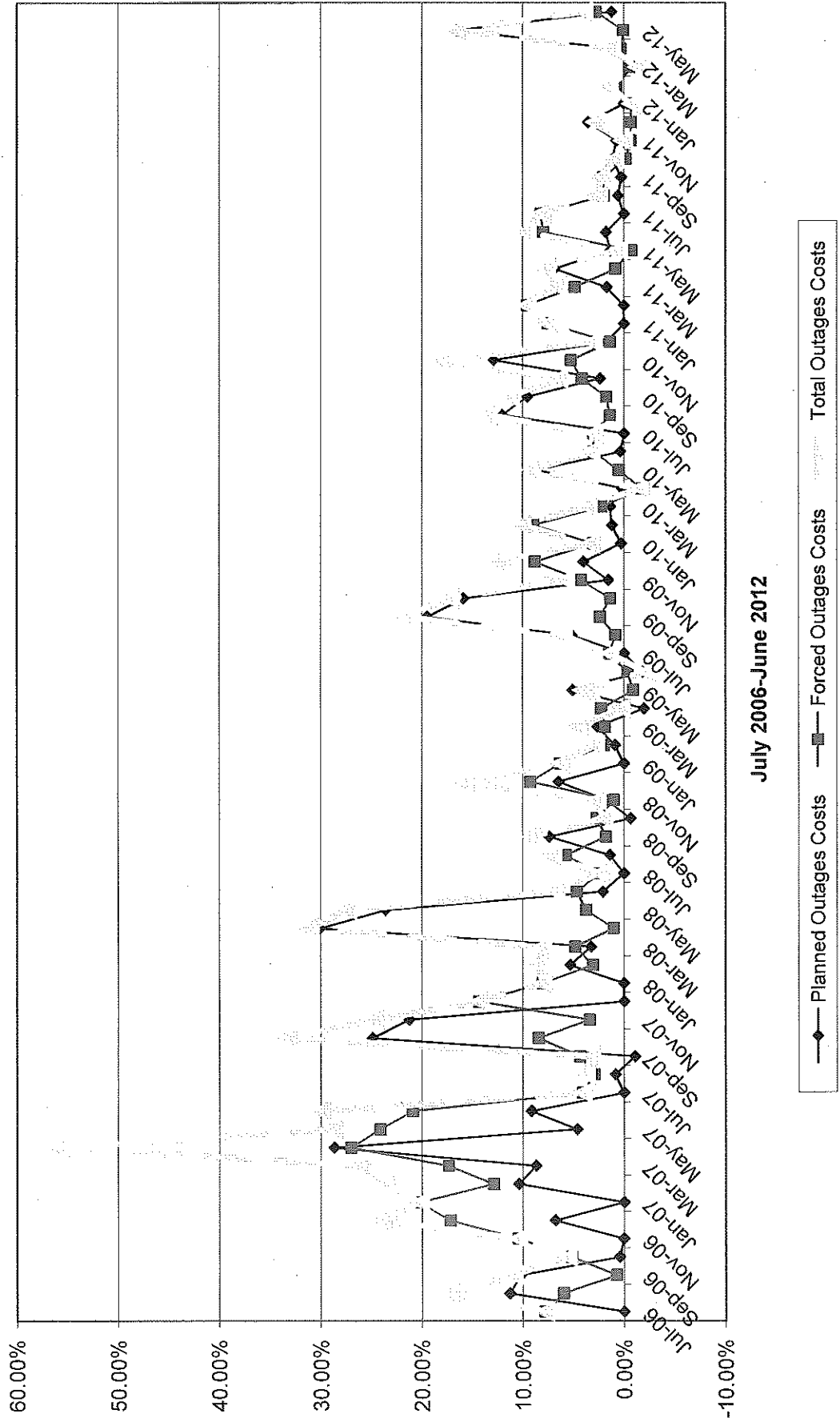
July 2005-June 2012

MP's Schedules 16 & 17 Costs (\$/kWh)

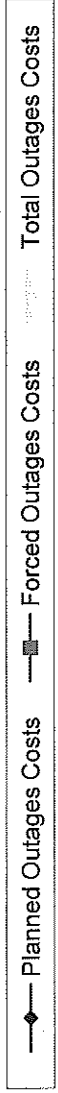


July 2005-June 2012

MP's Planned and Forced Outages Share of System Costs



July 2006-June 2012



MP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-05	\$ 10,464,914	\$ 1,559,365	\$	\$ 362,445	\$ 1,146,434	\$ 127,409	818,630,406
Aug-05	\$ 10,956,595	\$ 2,443,115	\$	\$ 526,882	\$ 1,713,539	\$ 177,335	819,549,918
Sep-05	\$ 13,659,506	\$ 5,273,140	\$	\$ 748,259	\$ (1,294,323)	\$ 83,068	772,444,128
Oct-05	\$ 14,097,168	\$ 6,757,594	\$	\$ 679,915	\$ 689,495	\$ 88,398	795,701,302
Nov-05	\$ 13,376,015	\$ 4,553,388	\$	\$ 486,098	\$ 822,575	\$ 133,124	792,779,253
Dec-05	\$ 14,796,067	\$ 4,209,014	\$	\$ 1,571,748	\$ (96,748)	\$ 113,909	861,409,154
Jan-06	\$ 12,828,151	\$ 3,058,754	\$	\$ 208,356	\$ (270,994)	\$ 102,302	883,441,708
Feb-06	\$ 11,967,247	\$ 3,186,943	\$	\$ 322,292	\$ 21,182	\$ 150,968	804,581,881
Mar-06	\$ 11,833,229	\$ 2,482,844	\$	\$ 144,403	\$ 202,637	\$ 137,766	857,440,267
Apr-06	\$ 12,646,082	\$ 2,362,684	\$	\$ 201,553	\$ 105,493	\$ 154,754	784,189,270
May-06	\$ 17,276,398	\$ 6,296,052	\$	\$ 230,276	\$ (63,278)	\$ 103,174	783,958,420
Jun-06	\$ 10,795,303	\$ 2,605,064	\$	\$ 142,969	\$ 29,738	\$ 64,906	813,781,356
FYE06	\$ 154,696,675	\$ 44,787,957	\$	\$ 5,625,196	\$ 3,005,748	\$ 1,437,113	9,787,907,063
Jul-06	\$ 17,344,647	\$ 5,474,800	\$	\$ 183,717	\$ 272,905	\$ 133,349	836,949,142
Aug-06	\$ 17,000,552	\$ 5,237,111	\$	\$ 524,086	\$ 146,737	\$ 126,783	872,117,000
Sep-06	\$ 12,570,652	\$ 3,417,348	\$	\$ 79,424	\$ (25,905)	\$ 98,904	827,966,634
Oct-06	\$ 11,336,218	\$ 1,800,474	\$	\$ 26,282	\$ (35,767)	\$ 142,768	795,327,768
Nov-06	\$ 12,633,797	\$ 1,862,159	\$	\$ 100,000	\$ 45,795	\$ 169,868	805,786,521
Dec-06	\$ 18,218,946	\$ 5,143,277	\$	\$ 284,073	\$ (76,515)	\$ 161,407	837,876,503
Jan-07	\$ 19,759,918	\$ 5,265,191	\$	\$ (268,458)	\$ 8,774	\$ 157,041	921,849,829
Feb-07	\$ 24,946,948	\$ 10,898,416	\$	\$ 689,584	\$ 497,244	\$ 136,507	834,817,962
Mar-07	\$ 19,333,562	\$ 7,070,280	\$	\$ 232,075	\$ 80,268	\$ 86,044	854,224,945
Apr-07	\$ 30,605,902	\$ 18,137,769	\$	\$ 632,563	\$ (20,697)	\$ 136,414	833,596,940
May-07	\$ 18,260,862	\$ 6,266,135	\$	\$ 65,818	\$ 119,785	\$ 133,231	820,816,320
Jun-07	\$ 17,517,116	\$ 8,440,310	\$	\$ 112,975	\$ 806,774	\$ 165,653	836,001,024
FYE07	\$ 219,529,120	\$ 79,013,269	\$	\$ 2,662,140	\$ 1,819,397	\$ 1,647,969	10,077,330,588

MP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-07	\$ 18,215,059	\$ 5,264,115		\$ (394,008)	\$ 1,278,704	\$ 144,118	873,548,941
Aug-07	\$ 16,290,426	\$ 5,045,448		\$ (605,608)	\$ 1,558,511	\$ 123,154	881,388,643
Sep-07	\$ 18,680,120	\$ 4,599,600		\$ (370,925)	\$ 1,348,377	\$ 93,200	831,571,513
Oct-07	\$ 21,635,078	\$ 8,074,308		\$ (850,030)	\$ 1,692,862	\$ 131,301	852,601,660
Nov-07	\$ 19,303,583	\$ 6,874,463		\$ (399,006)	\$ 1,078,400	\$ 114,676	867,634,139
Dec-07	\$ 22,198,697	\$ 8,002,202		\$ (643,326)	\$ 1,530,714	\$ 158,320	917,886,297
Jan-08	\$ 17,155,252	\$ 4,171,273		\$ (252,896)	\$ 735,049	\$ 162,061	946,509,176
Feb-08	\$ 16,167,721	\$ 4,550,652		\$ 122,096	\$ 238,261	\$ 190,515	942,294,616
Mar-08	\$ 16,532,408	\$ 3,983,179		\$ 148,911	\$ 207,229	\$ 119,634	918,959,989
Apr-08	\$ 18,932,879	\$ 5,672,253		\$ 50,392	\$ 78,366	\$ 115,904	852,225,005
May-08	\$ 15,329,969	\$ 3,959,170		\$ 64,252	\$ 155,472	\$ 117,826	837,101,031
Jun-08	\$ 14,665,410	\$ 2,678,404		\$ 128,672	\$ 449,324	\$ 147,297	839,609,689
FYE08	\$ 215,106,602	\$ 62,875,066		\$ (3,001,476)	\$ 10,351,268	\$ 1,618,006	10,561,330,699
Jul-08	\$ 14,156,082	\$ 2,230,597		\$ 69,211	\$ 82,537	\$ 142,138	874,614,240
Aug-08	\$ 15,404,240	\$ 3,237,615		\$ 38,265	\$ 99,553	\$ 126,090	875,428,399
Sep-08	\$ 15,141,124	\$ 2,944,739		\$ 37,072	\$ 147,584	\$ 122,540	848,862,144
Oct-08	\$ 12,434,380	\$ 1,530,819		\$ 35,878	\$ 176,034	\$ 151,621	857,546,989
Nov-08	\$ 13,458,115	\$ 1,472,994		\$ 32,668	\$ 55,325	\$ 142,327	853,423,546
Dec-08	\$ 17,575,279	\$ 4,434,504		\$ 118,636	\$ 178,824	\$ 130,259	855,512,681
Jan-09	\$ 16,240,037	\$ 3,533,752	\$ (16,816)	\$ 189,614	\$ (57,194)	\$ 129,635	858,124,087
Feb-09	\$ 11,601,034	\$ 1,123,330	\$ (154,433)	\$ 59,208	\$ (144,352)	\$ 140,188	764,713,417
Mar-09	\$ 11,418,799	\$ 1,511,884	\$ (36,656)	\$ 154,403	\$ (323,825)	\$ 172,961	733,398,194
Apr-09	\$ 10,275,200	\$ 843,171	\$ (248)	\$ 125,660	\$ (457,371)	\$ 130,789	624,945,904
May-09	\$ 8,262,508	\$ 1,527,326	\$ (22,308)	\$ 90,080	\$ (277,087)	\$ 104,984	510,535,885
Jun-09	\$ 10,263,228	\$ 1,697,809	\$ (134,563)	\$ 97,034	\$ 86,414	\$ 119,487	520,595,202
FYE09	\$ 156,230,026	\$ 26,088,539	\$ (365,024)	\$ 1,047,729	\$ (433,559)	\$ 1,613,019	9,177,700,688

MP	Net Energy Costs (a)	MISO Day 2 Costs (b2)	MISO ASM Costs (b1)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-09	\$ 8,822,159	\$ 1,950,872	\$ (122,604)	\$ 168,440	\$ (43,919)	\$ 121,872	545,208,470
Aug-09	\$ 11,515,690	\$ 2,361,244	\$ (104,174)	\$ 115,499	\$ 181,223	\$ 116,045	594,979,342
Sep-09	\$ 13,185,780	\$ 3,915,138	\$ (40,138)	\$ 231,154	\$ (259,566)	\$ 120,057	642,902,161
Oct-09	\$ 15,698,814	\$ 4,884,640	\$ (169,942)	\$ 140,933	\$ (67,966)	\$ 136,806	690,124,235
Nov-09	\$ 13,819,686	\$ 2,430,801	\$ (152,098)	\$ 60,656	\$ 98,279	\$ 140,117	699,051,824
Dec-09	\$ 16,662,017	\$ 4,490,514	\$ (117,045)	\$ 60,505	\$ 122,169	\$ 167,763	749,179,439
Jan-10	\$ 15,225,413	\$ 3,086,150	\$ (103,071)	\$ 154,455	\$ 68,635	\$ 141,164	812,671,327
Feb-10	\$ 14,133,971	\$ 3,442,613	\$ (75,029)	\$ 155,854	\$ 24,809	\$ 130,611	727,168,288
Mar-10	\$ 13,263,733	\$ 1,665,176	\$ 6,523	\$ 36,983	\$ 37,096	\$ 175,493	772,888,072
Apr-10	\$ 12,455,839	\$ 1,259,180	\$ (78,915)	\$ (4,048)	\$ 215,339	\$ 143,691	757,020,157
May-10	\$ 17,411,256	\$ 3,990,266	\$ 2,500	\$ 41,652	\$ 135,100	\$ 184,569	845,808,469
Jun-10	\$ 14,701,036	\$ 4,164,808	\$ (60,879)	\$ 83,441	\$ 71,164	\$ 162,418	836,323,489
FYE10	\$ 166,895,394	\$ 37,641,403	\$ (1,014,873)	\$ 1,245,524	\$ 582,363	\$ 1,740,605	8,673,325,273
Jul-10	\$ 15,852,799	\$ 3,273,489	\$ (66,652)	\$ 105,737	\$ 98,375	\$ 165,220	886,941,391
Aug-10	\$ 18,279,245	\$ 5,540,459	\$ 32,907	\$ 150,615	\$ 23,398	\$ 129,767	881,129,417
Sep-10	\$ 19,240,761	\$ 4,304,959	\$ (44,459)	\$ 68,026	\$ 60,888	\$ 118,724	835,116,418
Oct-10	\$ 20,521,031	\$ 8,150,065	\$ (10,547)	\$ 71,872	\$ 133,969	\$ 149,956	836,395,337
Nov-10	\$ 18,972,306	\$ 7,879,543	\$ 56,323	\$ 221,674	\$ 150,126	\$ 184,976	865,213,194
Dec-10	\$ 17,480,731	\$ 3,606,059	\$ 29,322	\$ 21,521	\$ 83,869	\$ 188,549	925,667,914
Jan-11	\$ 19,841,772	\$ 4,973,763	\$ (16,085)	\$ 28,858	\$ 134,053	\$ 129,933	971,750,000
Feb-11	\$ 17,200,627	\$ 5,381,907	\$ (12,546)	\$ 4,941	\$ 91,088	\$ 177,132	881,672,000
Mar-11	\$ 18,628,287	\$ 4,668,120	\$ (51,743)	\$ 39,175	\$ 158,529	\$ 179,580	924,498,000
Apr-11	\$ 14,998,958	\$ 3,185,652	\$ 50,860	\$ 54,837	\$ 139,505	\$ 170,345	834,446,000
May-11	\$ 14,971,802	\$ 2,796,050	\$ 31,142	\$ 73,490	\$ 233,146	\$ 147,628	855,465,488
Jun-11	\$ 16,291,541	\$ 5,226,597	\$ (57,693)	\$ 118,414	\$ (40,170)	\$ 191,430	820,368,836
FYE11	\$ 212,279,860	\$ 58,986,664	\$ (59,170)	\$ 959,161	\$ 1,266,776	\$ 1,933,239	10,518,663,995

MP	Net Energy Costs (a)	MISO Day 2 Costs (b2)	MISO ASM Costs (b1)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-11	\$ 19,175,527	\$ 5,043,380	\$ (22,884)	\$ 207,865	\$ 78,173	\$ 146,376	885,274,030
Aug-11	\$ 16,559,873	\$ 3,143,240	\$ (48,978)	\$ 116,663	\$ 198,703	\$ 154,222	898,794,160
Sep-11	\$ 16,515,496	\$ 6,038,778	\$ 14,505	\$ 86,110	\$ (42,000)	\$ 137,088	860,446,319
Oct-11	\$ 16,355,396	\$ 4,635,609	\$ 20,470	\$ 23,154	\$ 224,531	\$ 170,148	860,413,469
Nov-11	\$ 16,184,072	\$ 3,595,569	\$ 31,598	\$ 64,970	\$ 234,054	\$ 217,246	880,569,639
Dec-11	\$ 19,074,279	\$ 5,313,138	\$ 23,927	\$ 42,355	\$ 272,265	\$ 182,141	903,659,750
Jan-12	\$ 18,135,703	\$ 4,000,781	\$ 25,339	\$ 22,698	\$ 153,916	\$ 182,539	941,258,555
Feb-12	\$ 17,524,610	\$ 5,073,610	\$ 37,578	\$ 28,788	\$ 201,988	\$ 198,896	891,981,436
Mar-12	\$ 15,560,836	\$ 3,706,432	\$ 25,955	\$ 36,663	\$ 377,294	\$ 201,112	921,879,641
Apr-12	\$ 14,845,066	\$ 4,624,186	\$ 15,177	\$ 40,032	\$ 186,158	\$ 154,119	792,097,223
May-12	\$ 17,900,618	\$ 5,692,965	\$ 16,853	\$ 75,406	\$ 198,393	\$ 146,402	852,484,225
Jun-12	\$ 17,873,556	\$ 4,392,921	\$ 36,723	\$ 28,422	\$ 226,770	\$ 148,459	849,724,247
FYE12	\$ 205,705,032	\$ 55,260,609	\$ 176,263	\$ 773,126	\$ 2,310,246	\$ 2,038,747	10,538,582,694

MP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-05	0.01278	0.00190		0.00044	0.00140	0.00016
Aug-05	0.01337	0.00298		0.00064	0.00209	0.00022
Sep-05	0.01768	0.00683		0.00097	-0.00168	0.00011
Oct-05	0.01772	0.00849		0.00085	0.00087	0.00011
Nov-05	0.01687	0.00574		0.00061	0.00104	0.00017
Dec-05	0.01718	0.00489		0.00182	-0.00011	0.00013
Jan-06	0.01452	0.00346		0.00024	-0.00031	0.00012
Feb-06	0.01487	0.00396		0.00040	0.00003	0.00019
Mar-06	0.01380	0.00290		0.00017	0.00024	0.00016
Apr-06	0.01613	0.00301		0.00026	0.00013	0.00020
May-06	0.02204	0.00803		0.00029	-0.00008	0.00013
Jun-06	0.01327	0.00320		0.00018	0.00004	0.00008
FYE06	0.01580	0.00458		0.00057	0.00031	0.00015
Jul-06	0.02072	0.00654		0.00022	0.00033	0.00016
Aug-06	0.01949	0.00601		0.00060	0.00017	0.00015
Sep-06	0.01518	0.00413		0.00010	-0.00003	0.00012
Oct-06	0.01425	0.00226		0.00003	-0.00004	0.00018
Nov-06	0.01568	0.00231		0.00012	0.00006	0.00021
Dec-06	0.02174	0.00614		0.00034	-0.00009	0.00019
Jan-07	0.02144	0.00571		(0.00029)	0.00001	0.00017
Feb-07	0.02988	0.01305		0.00083	0.00060	0.00016
Mar-07	0.02263	0.00828		0.00027	0.00009	0.00010
Apr-07	0.03672	0.02176		0.00076	-0.00002	0.00016
May-07	0.02225	0.00763		0.00008	0.00015	0.00016
Jun-07	0.02095	0.01010		0.00014	0.00097	0.00020
FYE07	0.02178	0.00784		0.00026	0.00018	0.00016

MP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-07	0.02085	0.00603		-0.00045	0.00146	0.00016
Aug-07	0.01848	0.00572		-0.00069	0.00177	0.00014
Sep-07	0.02246	0.00553		-0.00045	0.00162	0.00011
Oct-07	0.02538	0.00947		-0.00100	0.00199	0.00015
Nov-07	0.02225	0.00792		-0.00046	0.00124	0.00013
Dec-07	0.02418	0.00872		-0.00070	0.00167	0.00017
Jan-08	0.01812	0.00441		-0.00027	0.00078	0.00017
Feb-08	0.01716	0.00483		0.00013	0.00025	0.00020
Mar-08	0.01799	0.00433		0.00016	0.00023	0.00013
Apr-08	0.02222	0.00666		0.00006	0.00009	0.00014
May-08	0.01831	0.00473		0.00008	0.00019	0.00014
Jun-08	0.01747	0.00319		0.00015	0.00054	0.00018
FYE08	0.02037	0.00595		-0.00028	0.00098	0.00015
Jul-08	0.01619	0.00255		0.00008	0.00009	0.00016
Aug-08	0.01760	0.00370		0.00004	0.00011	0.00014
Sep-08	0.01784	0.00347		0.00004	0.00017	0.00014
Oct-08	0.01450	0.00179		0.00004	0.00021	0.00018
Nov-08	0.01577	0.00173		0.00004	0.00006	0.00017
Dec-08	0.02054	0.00518		0.00014	0.00021	0.00015
Jan-09	0.01893	0.00412	(0.00002)	0.00022	-0.00007	0.00015
Feb-09	0.01517	0.00147	(0.00020)	0.00008	-0.00019	0.00018
Mar-09	0.01557	0.00206	(0.00005)	0.00021	-0.00044	0.00024
Apr-09	0.01644	0.00135	(0.00000)	0.00020	-0.00073	0.00021
May-09	0.01618	0.00299	(0.00004)	0.00018	-0.00054	0.00021
Jun-09	0.01971	0.00326	(0.00026)	0.00019	0.00017	0.00023
FYE09	0.01702	0.00284	(0.00004)	0.00011	-0.00005	0.00018

MP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-09	0.01618	0.00358	(0.00022)	0.00031	-0.00008	0.00022
Aug-09	0.01935	0.00397	(0.00018)	0.00019	0.00030	0.00020
Sep-09	0.02051	0.00609	(0.00006)	0.00036	-0.00040	0.00019
Oct-09	0.02275	0.00708	(0.00025)	0.00020	-0.00010	0.00020
Nov-09	0.01977	0.00348	(0.00022)	0.00009	0.00014	0.00020
Dec-09	0.02224	0.00599	(0.00016)	0.00008	0.00016	0.00022
Jan-10	0.01874	0.00380	(0.00013)	0.00019	0.00008	0.00017
Feb-10	0.01944	0.00473	(0.00010)	0.00021	0.00003	0.00018
Mar-10	0.01716	0.00215	0.00001	0.00005	0.00005	0.00023
Apr-10	0.01645	0.00166	(0.00010)	-0.00001	0.00028	0.00019
May-10	0.02059	0.00472	0.00000	0.00005	0.00016	0.00022
Jun-10	0.01758	0.00498	(0.00007)	0.00010	0.00009	0.00019
FYE10	0.01924	0.00434	(0.00012)	0.00014	0.00007	0.00020
Jul-10	0.01787	0.00369	(0.00008)	0.00012	0.00011	0.00019
Aug-10	0.02075	0.00629	0.00004	0.00017	0.00003	0.00015
Sep-10	0.02304	0.00515	(0.00005)	0.00008	0.00007	0.00014
Oct-10	0.02454	0.00974	(0.00001)	0.00009	0.00016	0.00018
Nov-10	0.02193	0.00911	0.00007	0.00026	0.00017	0.00021
Dec-10	0.01888	0.00390	0.00003	0.00002	0.00009	0.00020
Jan-11	0.02042	0.00512	(0.00002)	0.00003	0.00014	0.00013
Feb-11	0.01951	0.00610	(0.00001)	0.00001	0.00010	0.00020
Mar-11	0.02015	0.00505	(0.00006)	0.00004	0.00017	0.00019
Apr-11	0.01797	0.00382	0.00006	0.00007	0.00017	0.00020
May-11	0.01750	0.00327	0.00004	0.00009	0.00027	0.00017
Jun-11	0.01986	0.00637	(0.00007)	0.00014	-0.00005	0.00023
FYE11	0.02018	0.00561	(0.00001)	0.00009	0.00012	0.00018

MP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-11	0.02166	0.00570	(0.00003)	0.00023	0.00009	0.00017
Aug-11	0.01842	0.00350	(0.00005)	0.00013	0.00022	0.00017
Sep-11	0.01919	0.00702	0.00002	0.00010	-0.00005	0.00016
Oct-11	0.01901	0.00539	0.00002	0.00003	0.00026	0.00020
Nov-11	0.01838	0.00408	0.00004	0.00007	0.00027	0.00025
Dec-11	0.02111	0.00588	0.00003	0.00005	0.00030	0.00020
Jan-12	0.01927	0.00425	0.00003	0.00002	0.00016	0.00019
Feb-12	0.01965	0.00569	0.00004	0.00003	0.00023	0.00022
Mar-12	0.01688	0.00402	0.00003	0.00004	0.00041	0.00022
Apr-12	0.01874	0.00584	0.00002	0.00005	0.00024	0.00019
May-12	0.02100	0.00668	0.00002	0.00009	0.00023	0.00017
Jun-12	0.02103	0.00517	0.00004	0.00003	0.00027	0.00017
FYE12	0.01952	0.00524	0.00002	0.00007	0.00022	0.00019

MP	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-06	\$ 17,344,647	\$ -	\$ 1,358,543	\$ 1,358,543	0.00%	7.83%	7.83%
Aug-06	\$ 17,000,552	\$ 1,921,244	\$ 1,015,857	\$ 2,937,101	11.30%	5.98%	17.28%
Sep-06	\$ 12,570,652	\$ 1,286,751	\$ 93,239	\$ 1,379,990	10.24%	0.74%	10.98%
Oct-06	\$ 11,336,218	\$ 49,401	\$ 586,684	\$ 636,085	0.44%	5.18%	5.61%
Nov-06	\$ 12,633,797	\$ 5,467	\$ 1,321,379	\$ 1,326,846	0.04%	10.46%	10.50%
Dec-06	\$ 18,218,946	\$ 1,238,034	\$ 3,132,304	\$ 4,370,338	6.80%	17.19%	23.99%
Jan-07	\$ 19,759,918	\$ -	\$ 4,003,409	\$ 4,003,409	0.00%	20.26%	20.26%
Feb-07	\$ 24,946,948	\$ 2,593,302	\$ 3,213,339	\$ 5,806,641	10.40%	12.88%	23.28%
Mar-07	\$ 19,333,562	\$ 1,684,389	\$ 3,357,830	\$ 5,042,219	8.71%	17.37%	26.08%
Apr-07	\$ 30,605,902	\$ 8,780,762	\$ 8,267,725	\$ 17,048,487	28.69%	27.01%	55.70%
May-07	\$ 18,260,862	\$ 847,563	\$ 4,407,979	\$ 5,255,542	4.64%	24.14%	28.78%
Jun-07	\$ 17,517,116	\$ 1,602,958	\$ 3,664,280	\$ 5,267,238	9.15%	20.92%	30.07%
FYE07	\$ 219,529,120	\$ 20,009,871	\$ 34,422,568	\$ 54,432,439	9.11%	15.68%	24.80%
Jul-07	\$ 18,215,059	\$ -	\$ 744,393	\$ 744,393	0.00%	4.09%	4.09%
Aug-07	\$ 16,290,426	\$ 138,733	\$ 482,350	\$ 621,083	0.85%	2.96%	3.81%
Sep-07	\$ 18,680,120	\$ (197,696)	\$ 814,298	\$ 616,602	-1.06%	4.36%	3.30%
Oct-07	\$ 21,635,078	\$ 5,384,493	\$ 1,827,626	\$ 7,212,119	24.89%	8.45%	33.34%
Nov-07	\$ 19,303,583	\$ 4,102,638	\$ 656,401	\$ 4,759,039	21.25%	3.40%	24.65%
Dec-07	\$ 22,198,697	\$ -	\$ 3,184,314	\$ 3,184,314	0.00%	14.34%	14.34%
Jan-08	\$ 17,155,252	\$ -	\$ 1,382,179	\$ 1,382,179	0.00%	8.06%	8.06%
Feb-08	\$ 16,167,721	\$ 861,599	\$ 497,965	\$ 1,359,564	5.33%	3.08%	8.41%
Mar-08	\$ 16,532,408	\$ 539,512	\$ 801,304	\$ 1,340,816	3.26%	4.85%	8.11%
Apr-08	\$ 18,932,879	\$ 5,697,775	\$ 196,200	\$ 5,893,975	30.09%	1.04%	31.13%
May-08	\$ 15,329,969	\$ 3,622,264	\$ 573,712	\$ 4,195,976	23.63%	3.74%	27.37%
Jun-08	\$ 14,665,410	\$ 309,502	\$ 686,433	\$ 995,935	2.11%	4.68%	6.79%
FYE08	\$ 215,106,602	\$ 20,458,820	\$ 11,847,175	\$ 32,305,995	9.51%	5.51%	15.02%

MP	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-08	\$ 14,156,082	\$ -	\$ 344,699	\$ 344,699	0.00%	2.43%	2.43%
Aug-08	\$ 15,404,240	\$ 214,898	\$ 884,902	\$ 1,099,800	1.40%	5.74%	7.14%
Sep-08	\$ 15,141,124	\$ 1,118,257	\$ 273,628	\$ 1,391,885	7.39%	1.81%	9.19%
Oct-08	\$ 12,434,380	\$ (80,592)	\$ 334,535	\$ 253,943	-0.65%	2.69%	2.04%
Nov-08	\$ 13,458,115	\$ 228,927	\$ 136,940	\$ 365,867	1.70%	1.02%	2.72%
Dec-08	\$ 17,575,279	\$ 1,140,450	\$ 1,632,327	\$ 2,772,777	6.49%	9.29%	15.78%
Jan-09	\$ 16,240,037	\$ -	\$ 1,023,771	\$ 1,023,771	0.00%	6.30%	6.30%
Feb-09	\$ 11,601,034	\$ 102,731	\$ 230,680	\$ 333,411	0.89%	1.99%	2.87%
Mar-09	\$ 11,418,799	\$ 302,193	\$ 214,710	\$ 516,902	2.65%	1.88%	4.53%
Apr-09	\$ 10,275,200	\$ (200,033)	\$ 233,548	\$ 33,515	-1.95%	2.27%	0.33%
May-09	\$ 8,262,508	\$ 419,712	\$ (75,032)	\$ 344,680	5.08%	-0.91%	4.17%
Jun-09	\$ 10,263,228	\$ (185,566)	\$ (36,761)	\$ (222,327)	-1.81%	-0.36%	-2.17%
FYE09	\$ 156,230,026	\$ 3,060,977	\$ 5,197,946	\$ 8,258,923	1.96%	3.33%	5.29%
Jul-09	\$ 8,822,159	\$ -	\$ 128,503	\$ 128,503	0.00%	1.46%	1.46%
Aug-09	\$ 11,515,690	\$ 596,484	\$ 98,131	\$ 694,615	5.18%	0.85%	6.03%
Sep-09	\$ 13,185,780	\$ 2,571,718	\$ 315,226	\$ 2,886,944	19.50%	2.39%	21.89%
Oct-09	\$ 15,698,814	\$ 2,498,230	\$ 213,890	\$ 2,712,120	15.91%	1.36%	17.28%
Nov-09	\$ 13,819,686	\$ 215,653	\$ 589,138	\$ 804,791	1.56%	4.26%	5.82%
Dec-09	\$ 16,662,017	\$ 669,732	\$ 1,470,346	\$ 2,140,078	4.02%	8.82%	12.84%
Jan-10	\$ 15,225,413	\$ 42,611	\$ 469,047	\$ 511,658	0.28%	3.08%	3.36%
Feb-10	\$ 14,133,971	\$ 167,474	\$ 1,266,863	\$ 1,434,337	1.18%	8.96%	10.15%
Mar-10	\$ 13,263,733	\$ 179,948	\$ 299,743	\$ 479,691	1.36%	2.26%	3.62%
Apr-10	\$ 12,455,839	\$ 21,592	\$ (214,450)	\$ (192,858)	0.17%	-1.72%	-1.55%
May-10	\$ 17,411,256	\$ 1,506,608	\$ 90,830	\$ 1,597,438	8.65%	0.52%	9.17%
Jun-10	\$ 14,701,036	\$ 53,287	\$ 437,679	\$ 490,966	0.36%	2.98%	3.34%
FYE10	\$ 166,895,394	\$ 8,523,337	\$ 5,164,947	\$ 13,688,284	5.11%	3.09%	8.20%

MP	Net Energy Costs (a)	Planned	Outages Costs		Total (1)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (1)/(a)
			Planned	Forced				
Jul-10	\$ 15,852,799	\$ -	\$ 478,090	\$ 478,090	\$ 478,090	0.00%	3.02%	3.02%
Aug-10	\$ 18,279,245	\$ 2,203,042	\$ 254,623	\$ 2,457,664	\$ 2,457,664	12.05%	1.39%	13.45%
Sep-10	\$ 19,240,761	\$ 1,841,813	\$ 335,153	\$ 2,176,966	\$ 2,176,966	9.57%	1.74%	11.31%
Oct-10	\$ 20,521,031	\$ 486,705	\$ 854,336	\$ 1,341,041	\$ 1,341,041	2.37%	4.16%	6.53%
Nov-10	\$ 18,972,306	\$ 2,448,283	\$ 998,018	\$ 3,446,301	\$ 3,446,301	12.90%	5.26%	18.16%
Dec-10	\$ 17,480,731	\$ 303,447	\$ 241,910	\$ 545,357	\$ 545,357	1.74%	1.38%	3.12%
Jan-11	\$ 19,841,772	\$ -	\$ 1,492,252	\$ 1,492,252	\$ 1,492,252	0.00%	7.52%	7.52%
Feb-11	\$ 17,200,627	\$ 2,685	\$ 1,651,519	\$ 1,654,204	\$ 1,654,204	0.02%	9.60%	9.62%
Mar-11	\$ 18,628,287	\$ 318,108	\$ 906,905	\$ 1,225,013	\$ 1,225,013	1.71%	4.87%	6.58%
Apr-11	\$ 14,998,958	\$ 1,030,428	\$ 127,711	\$ 1,158,139	\$ 1,158,139	6.87%	0.85%	7.72%
May-11	\$ 14,971,802	\$ 201,640	\$ (109,118)	\$ 92,522	\$ 92,522	1.35%	-0.73%	0.62%
Jun-11	\$ 16,291,541	\$ 292,000	\$ 1,303,581	\$ 1,595,581	\$ 1,595,581	1.79%	8.00%	9.79%
FYE11	\$ 212,279,860	\$ 9,128,152	\$ 8,534,979	\$ 17,663,132	\$ 17,663,132	4.30%	4.02%	8.32%
Jul-11	\$ 19,175,527	\$ -	\$ 1,576,416	\$ 1,576,416	\$ 1,576,416	0.00%	8.22%	8.22%
Aug-11	\$ 16,559,873	\$ 96,393	\$ 330,279	\$ 426,672	\$ 426,672	0.58%	1.99%	2.58%
Sep-11	\$ 16,515,496	\$ 45,837	\$ 336,274	\$ 382,110	\$ 382,110	0.28%	2.04%	2.31%
Oct-11	\$ 16,355,396	\$ 181,113	\$ (26,107)	\$ 155,006	\$ 155,006	1.11%	-0.16%	0.95%
Nov-11	\$ 16,184,072	\$ 120,924	\$ (102,898)	\$ 18,027	\$ 18,027	0.75%	-0.64%	0.11%
Dec-11	\$ 19,074,279	\$ 678,053	\$ (127,120)	\$ 550,933	\$ 550,933	3.55%	-0.67%	2.89%
Jan-12	\$ 18,135,703	\$ -	\$ (127,501)	\$ (127,501)	\$ (127,501)	0.00%	-0.70%	-0.70%
Feb-12	\$ 17,524,610	\$ 135,749	\$ 128,300	\$ 264,049	\$ 264,049	0.77%	0.73%	1.51%
Mar-12	\$ 15,560,836	\$ (124,187)	\$ (75,794)	\$ (199,981)	\$ (199,981)	-0.80%	-0.49%	-1.29%
Apr-12	\$ 14,845,066	\$ 137,681	\$ 51,037	\$ 188,718	\$ 188,718	0.93%	0.34%	1.27%
May-12	\$ 17,900,618	\$ 2,962,380	\$ 11,072	\$ 2,973,452	\$ 2,973,452	16.55%	0.06%	16.61%
Jun-12	\$ 17,873,556	\$ 218,882	\$ 498,152	\$ 717,034	\$ 717,034	1.22%	2.79%	4.01%
FYE12	\$ 205,705,032	\$ 4,452,825	\$ 2,472,110	\$ 6,924,935	\$ 6,924,935	2.16%	1.20%	3.37%

Source

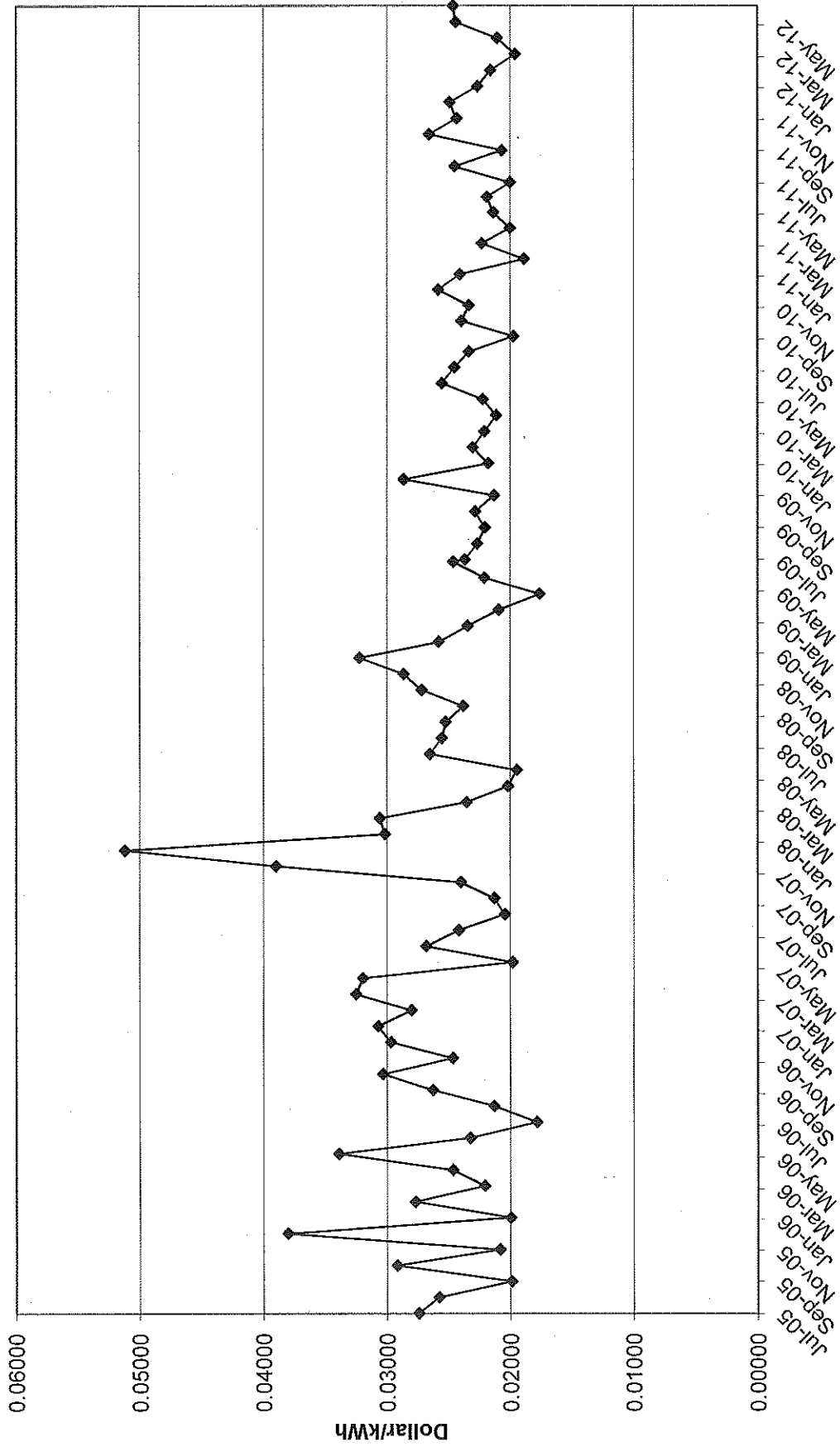
- (a) Source: MP monthly FCAs. Net Energy Costs = System costs exclusive of Intersystem Sales and Schedule 16 & 17 costs.
- (b1) Source: MP's monthly FCAs.
- (b2) Source: MP's monthly FCAs.
- (c) Source: MP's monthly FCAs. RSG = Revenue Sufficiency Guarantee Charges (#10, 11, 24 & 25)
- (d) Source: MP's monthly FCAs. RNU = Real-Time Revenue Neutrality Uplift Charges (#23)
- (e) Source: MP's monthly FCAs. MAC = Market Administration Charges (#4, #19 & #29).
- (f) Source: MP's monthly FCAs.
Net System kWh Sales = System kWh sales exclusive of Intersystem sales.
- (g) = (a)/(f)
- (h1) = (b1)/(f)
- (h2) = (b2)/(f)
- (i) = (c)/(f)
- (j) = (d)/(f)
- (k) = (e)/(f)
- (l) Source: MP's January 30, 2008 response to the OES information request No. 203 in Docket No. E999/AA-07-1130, then MP's monthly FCAs. The OES included derates data with MP's forced outage data.

Note: Data after January 2009 is from MP's February 4, 2010 and later Input Data emails.

Attachment E4

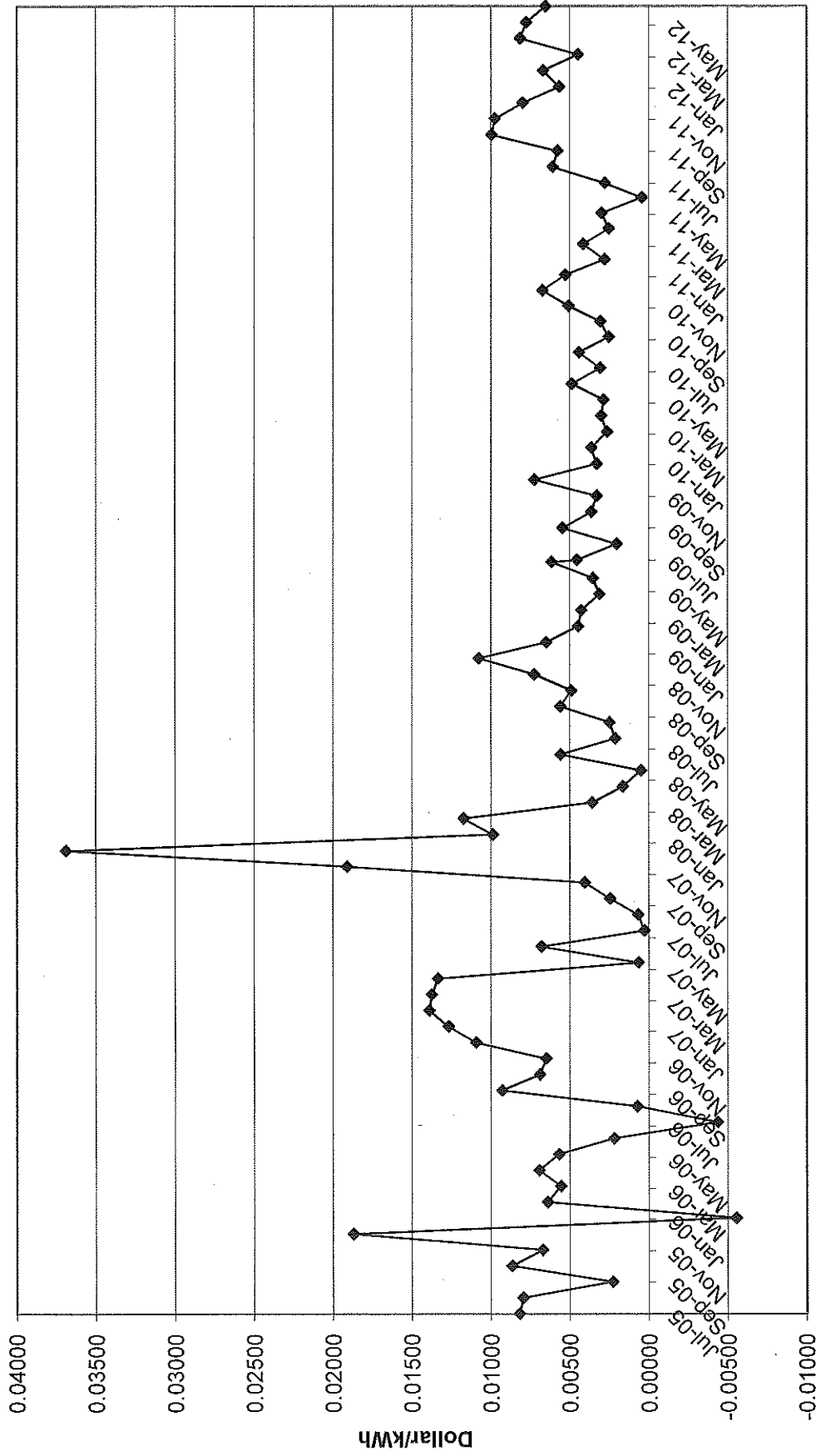
OTP's Graphs, Data and Source: FYE06 through FYE12.

OTP's Net Energy Costs (\$/kWh)



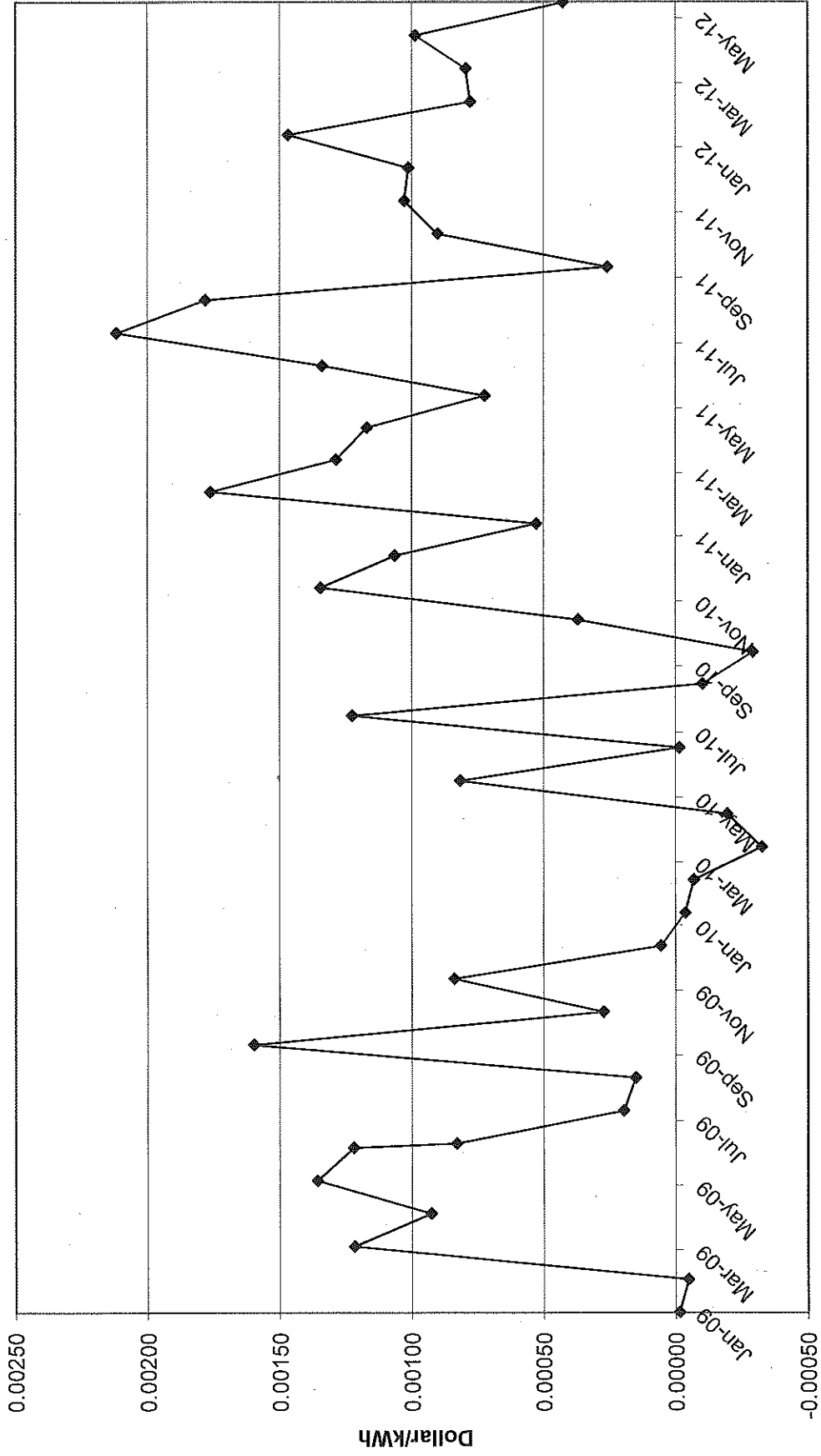
July 2005-June 2012

OTP's MISO Day 2 Costs (\$/kWh)



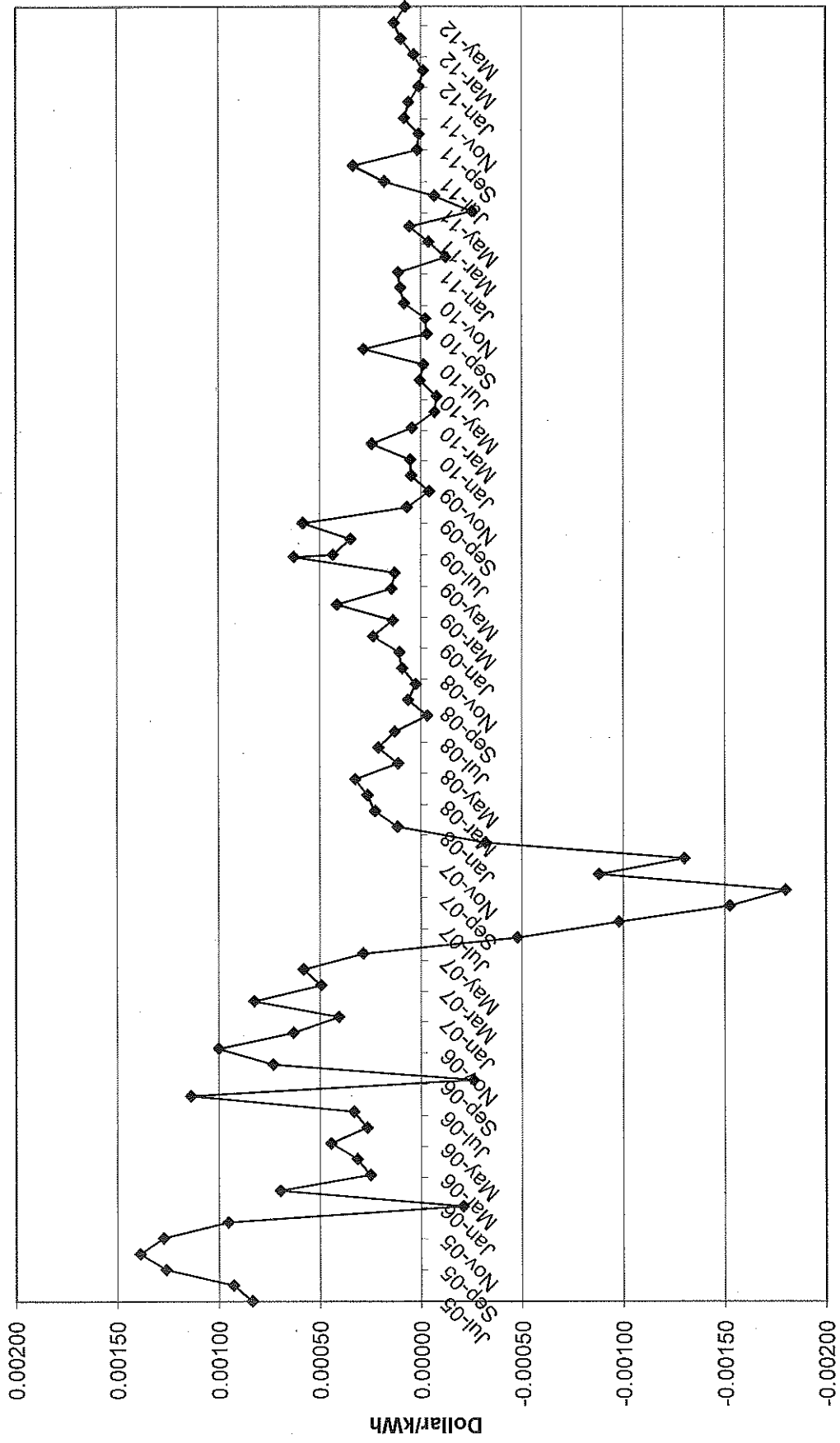
July 2005-June 2012

OTP's MISO ASM Costs (\$/kWh)



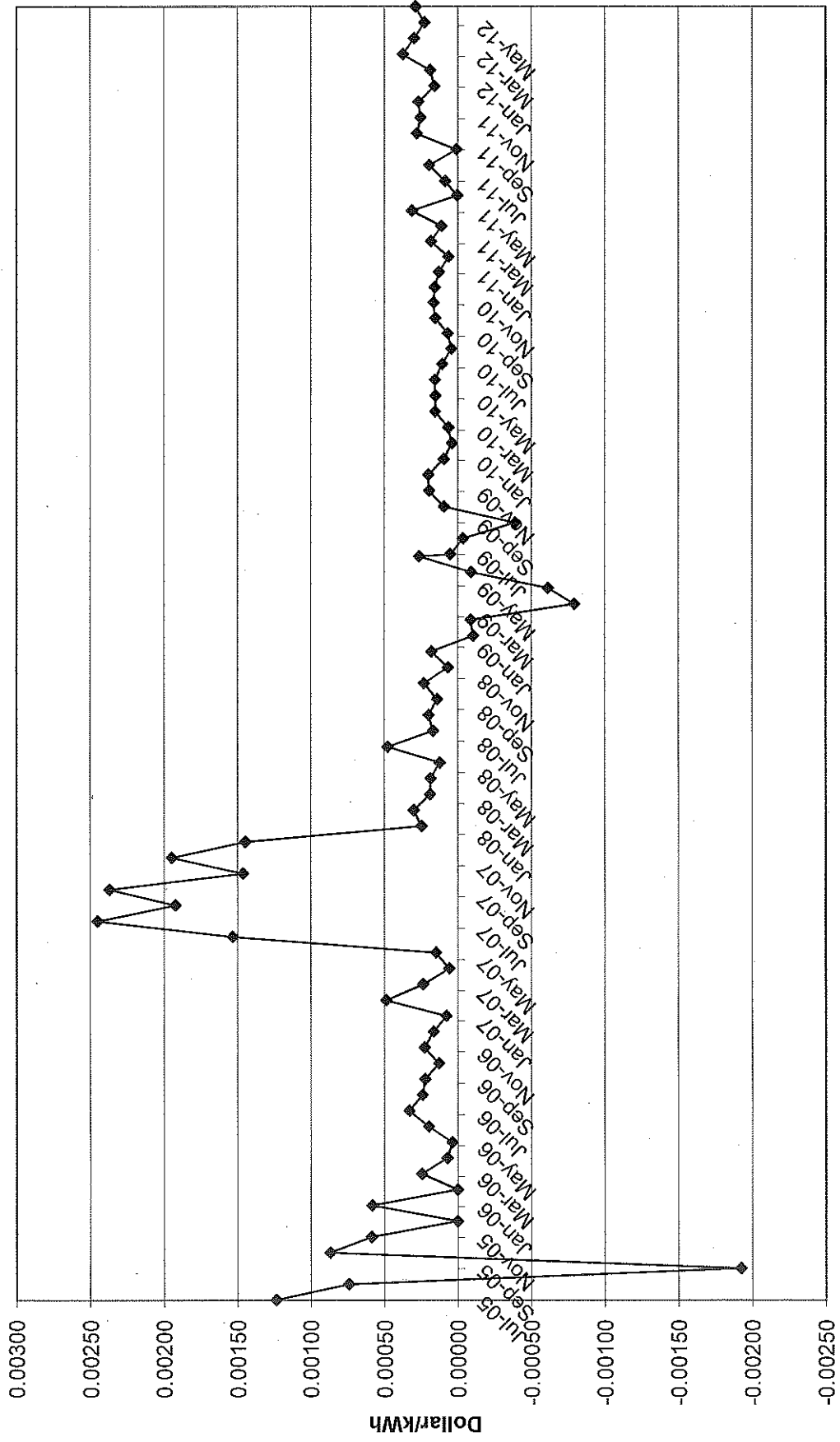
January 2009-June 2012

OTP's RSG Charges (\$/kWh)



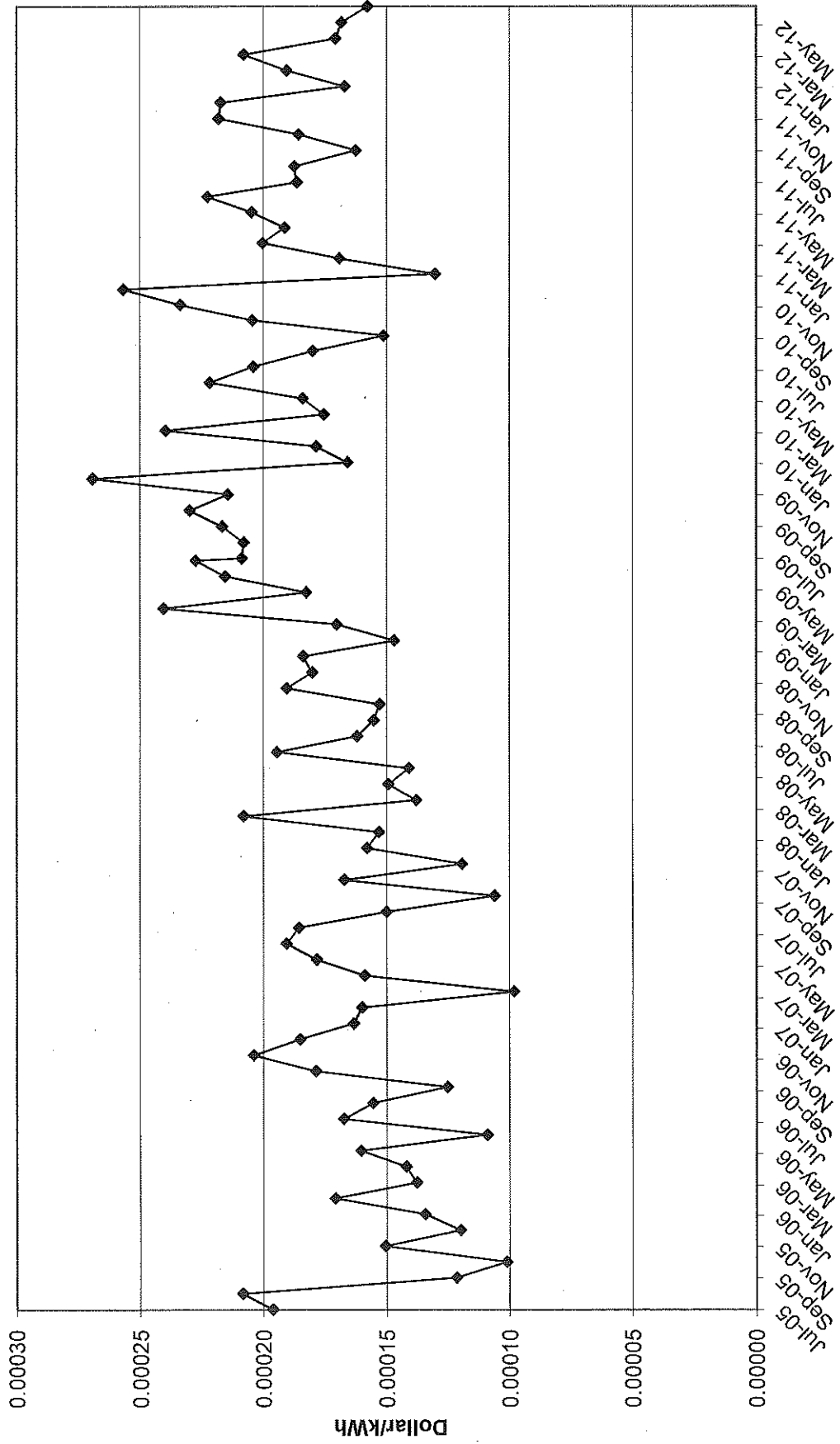
July 2005-June 2012

OTP's RNU Charges (\$/kWh)



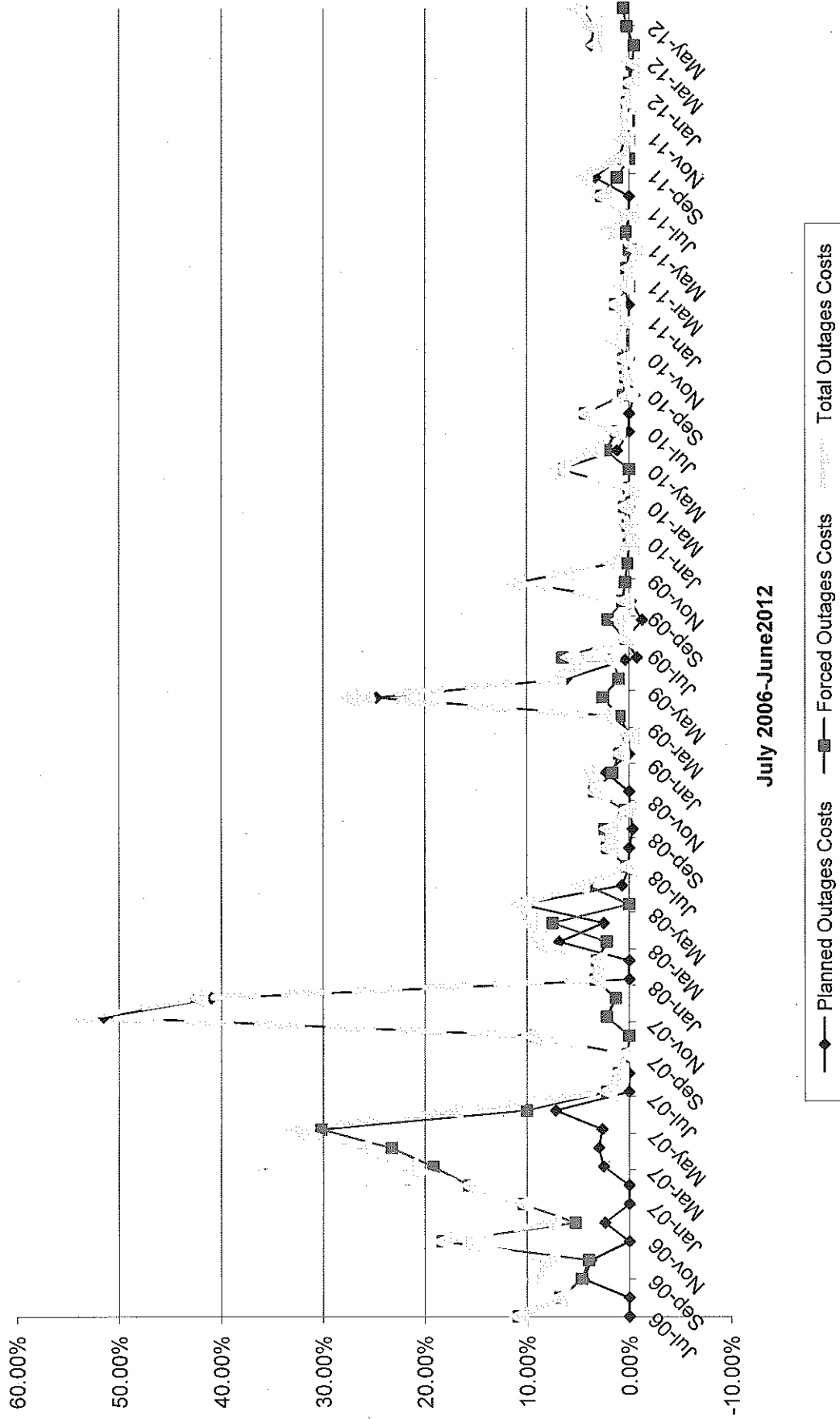
July 2005-June 2012

OTP's Schedules 16 & 17 Costs (\$/kWh)



July 2005-June 2012

OTP's Planned and Forced Outages Share of System Costs



July 2006-June 2012

Legend:
 —◆— Planned Outages Costs
 - - -■- - Forced Outages Costs
○..... Total Outages Costs

OTP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-05	\$ 8,494,553	\$ 2,539,482	\$	\$ 259,084	\$ 383,432	\$ 60,781	309,647,416
Aug-05	\$ 7,997,789	\$ 2,471,503	\$	\$ 288,057	\$ 230,414	\$ 64,612	309,947,208
Sep-05	\$ 6,012,140	\$ 691,729	\$	\$ 380,796	\$ (580,149)	\$ 36,717	301,974,461
Oct-05	\$ 8,226,714	\$ 2,443,687	\$	\$ 391,539	\$ 245,319	\$ 28,539	281,896,320
Nov-05	\$ 6,496,809	\$ 2,097,718	\$	\$ 396,848	\$ 183,773	\$ 46,904	311,496,421
Dec-05	\$ 13,847,336	\$ 6,812,546	\$	\$ 347,810	\$ 1,119	\$ 43,659	364,085,875
Jan-06	\$ 7,689,922	\$ (2,121,830)	\$	\$ (79,758)	\$ 225,247	\$ 51,707	384,912,074
Feb-06	\$ 10,601,075	\$ 2,456,122	\$	\$ 266,799	\$ 1,119	\$ 65,406	382,674,049
Mar-06	\$ 8,212,322	\$ 2,073,661	\$	\$ 93,830	\$ 91,698	\$ 51,239	371,762,285
Apr-06	\$ 8,378,486	\$ 2,360,544	\$	\$ 107,395	\$ 24,954	\$ 48,248	339,604,445
May-06	\$ 9,655,099	\$ 1,621,714	\$	\$ 127,031	\$ 11,086	\$ 45,692	284,691,870
Jun-06	\$ 7,032,138	\$ 669,204	\$	\$ 81,093	\$ 60,243	\$ 32,970	302,341,328
FYE06	\$ 102,644,383	\$ 24,116,080	\$	\$ 2,660,524	\$ 878,255	\$ 576,474	3,945,033,752
Jul-06	\$ 5,321,257	\$ (1,294,737)	\$	\$ 99,500	\$ 98,875	\$ 49,883	297,922,481
Aug-06	\$ 6,844,663	\$ 235,704	\$	\$ 365,533	\$ 77,616	\$ 49,968	321,103,655
Sep-06	\$ 8,092,763	\$ 2,862,961	\$	\$ (79,917)	\$ 69,170	\$ 38,546	307,769,913
Oct-06	\$ 8,523,981	\$ 1,940,697	\$	\$ 205,766	\$ 36,427	\$ 50,210	280,939,083
Nov-06	\$ 8,663,195	\$ 2,281,327	\$	\$ 351,639	\$ 80,081	\$ 71,564	350,822,124
Dec-06	\$ 10,890,080	\$ 4,014,080	\$	\$ 231,731	\$ 61,340	\$ 67,885	366,736,384
Jan-07	\$ 12,248,469	\$ 5,056,175	\$	\$ 162,537	\$ 31,680	\$ 65,146	398,594,477
Feb-07	\$ 11,846,710	\$ 5,878,032	\$	\$ 349,395	\$ 206,842	\$ 67,672	422,676,197
Mar-07	\$ 12,167,856	\$ 5,147,706	\$	\$ 184,944	\$ 88,992	\$ 36,740	374,024,620
Apr-07	\$ 10,775,032	\$ 4,503,817	\$	\$ 196,077	\$ 19,980	\$ 53,607	337,085,309
May-07	\$ 6,043,066	\$ 201,302	\$	\$ 87,379	\$ 45,562	\$ 54,341	304,704,425
Jun-07	\$ 7,763,898	\$ 1,969,224	\$	\$ (137,562)	\$ 443,955	\$ 55,143	289,321,655
FYE07	\$ 109,180,969	\$ 32,796,287	\$	\$ 2,017,022	\$ 1,260,520	\$ 660,704	4,051,700,323

OTP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-07	\$ 7,451,244	\$ 88,573	\$	\$ (301,010)	\$ 755,490	\$ 57,187	308,093,686
Aug-07	\$ 6,957,475	\$ 227,229	\$	\$ (517,762)	\$ 654,289	\$ 51,050	340,108,191
Sep-07	\$ 6,801,835	\$ 783,304	\$	\$ (574,261)	\$ 756,617	\$ 33,880	319,174,958
Oct-07	\$ 7,046,637	\$ 1,190,548	\$	\$ (257,853)	\$ 429,741	\$ 49,066	293,315,170
Nov-07	\$ 13,509,010	\$ 6,621,103	\$	\$ (450,199)	\$ 674,966	\$ 41,335	346,348,371
Dec-07	\$ 19,877,738	\$ 14,327,439	\$	\$ (123,512)	\$ 562,907	\$ 61,364	388,234,729
Jan-08	\$ 13,267,473	\$ 4,346,967	\$	\$ 51,137	\$ 108,425	\$ 67,373	439,820,155
Feb-08	\$ 13,515,476	\$ 5,187,810	\$	\$ 101,066	\$ 133,352	\$ 91,949	441,806,852
Mar-08	\$ 9,395,980	\$ 1,429,945	\$	\$ 105,877	\$ 76,232	\$ 55,056	398,976,613
Apr-08	\$ 7,288,585	\$ 597,684	\$	\$ 117,613	\$ 67,564	\$ 53,877	360,833,871
May-08	\$ 6,052,103	\$ 158,995	\$	\$ 35,533	\$ 38,737	\$ 43,809	310,682,165
Jun-08	\$ 7,640,817	\$ 1,610,397	\$	\$ 60,970	\$ 138,177	\$ 55,993	287,999,406
FYE08	\$ 118,804,373	\$ 36,569,993	\$ (1,752,401)	\$ 4,396,496	\$ 661,939	\$ 4,235,394,167	
Jul-08	\$ 7,867,223	\$ 656,913	\$	\$ 40,150	\$ 52,576	\$ 49,895	307,807,608
Aug-08	\$ 7,938,041	\$ 783,569	\$	\$ (9,729)	\$ 63,003	\$ 48,881	314,589,344
Sep-08	\$ 7,498,338	\$ 1,767,753	\$	\$ 20,109	\$ 44,729	\$ 48,137	314,783,473
Oct-08	\$ 8,132,012	\$ 1,469,322	\$	\$ 7,804	\$ 69,686	\$ 57,000	299,169,031
Nov-08	\$ 9,650,232	\$ 2,448,100	\$	\$ 31,398	\$ 23,141	\$ 60,669	336,774,608
Dec-08	\$ 13,089,817	\$ 4,379,459	\$	\$ 43,706	\$ 73,805	\$ 74,636	406,036,035
Jan-09	\$ 12,626,511	\$ 3,178,082	\$ (6,317)	\$ 116,128	\$ (50,135)	\$ 71,878	489,105,483
Feb-09	\$ 10,422,585	\$ 1,992,330	\$ (20,866)	\$ 62,151	\$ (38,061)	\$ 75,665	444,289,854
Mar-09	\$ 8,438,842	\$ 1,721,457	\$ 490,633	\$ 167,692	\$ (318,399)	\$ 96,899	402,814,458
Apr-09	\$ 6,493,215	\$ 1,153,577	\$ 341,653	\$ 53,906	\$ (225,283)	\$ 67,253	368,364,394
May-09	\$ 6,616,032	\$ 1,059,593	\$ 406,274	\$ 38,976	\$ (26,358)	\$ 64,490	299,171,387
Jun-09	\$ 7,311,258	\$ 1,827,474	\$ 362,085	\$ 186,429	\$ 78,556	\$ 67,467	296,642,877
FYE09	\$ 106,084,106	\$ 22,437,629	\$ 1,573,463	\$ 758,719	\$ (252,739)	\$ 782,870	4,279,548,552

OTP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-09	\$ 7,295,310	\$ 1,403,395	\$ 255,699	\$ 134,400	\$ 16,401	\$ 64,297	307,859,507
Aug-09	\$ 6,852,696	\$ 617,754	\$ 59,453	\$ 105,533	\$ (9,975)	\$ 62,825	302,027,524
Sep-09	\$ 6,626,034	\$ 1,644,645	\$ 45,573	\$ 175,577	\$ (116,246)	\$ 65,117	300,364,422
Oct-09	\$ 7,286,203	\$ 1,161,996	\$ 509,749	\$ 22,023	\$ 30,282	\$ 73,297	318,823,677
Nov-09	\$ 7,064,465	\$ 1,094,541	\$ 90,264	\$ (13,364)	\$ 65,528	\$ 71,021	331,157,608
Dec-09	\$ 11,207,111	\$ 2,841,177	\$ 328,667	\$ 18,821	\$ 79,410	\$ 105,382	391,312,446
Jan-10	\$ 10,385,644	\$ 1,574,517	\$ 26,880	\$ 25,368	\$ 46,324	\$ 79,089	476,504,529
Feb-10	\$ 9,843,509	\$ 1,553,413	\$ (15,072)	\$ 104,336	\$ 17,989	\$ 76,272	426,951,285
Mar-10	\$ 8,674,067	\$ 1,040,338	\$ (26,479)	\$ 17,733	\$ 25,710	\$ 94,057	392,423,514
Apr-10	\$ 7,598,854	\$ 1,086,396	\$ (116,429)	\$ (24,056)	\$ 55,923	\$ 63,068	359,446,201
May-10	\$ 6,684,712	\$ 865,733	\$ (58,159)	\$ (23,273)	\$ 46,190	\$ 55,338	300,660,012
Jun-10	\$ 7,822,048	\$ 1,491,461	\$ 250,292	\$ 1,820	\$ 48,184	\$ 67,887	306,098,622
FYE10	\$ 97,340,651	\$ 16,375,365	\$ 1,350,438	\$ 544,917	\$ 305,721	\$ 877,651	4,213,629,347
Jul-10	\$ 7,867,271	\$ 990,286	\$ (4,076)	\$ (3,673)	\$ 34,705	\$ 65,427	320,505,252
Aug-10	\$ 8,100,099	\$ 1,535,337	\$ 424,917	\$ 98,368	\$ 15,551	\$ 62,376	346,459,395
Sep-10	\$ 6,299,082	\$ 808,115	\$ (31,869)	\$ (9,416)	\$ 22,359	\$ 48,239	318,702,925
Oct-10	\$ 6,830,439	\$ 874,985	\$ (82,695)	\$ (6,122)	\$ 44,287	\$ 58,271	284,867,201
Nov-10	\$ 7,987,778	\$ 1,738,970	\$ 126,485	\$ 28,334	\$ 57,092	\$ 79,885	341,729,360
Dec-10	\$ 10,686,308	\$ 2,785,202	\$ 555,976	\$ 42,248	\$ 65,443	\$ 106,122	413,158,316
Jan-11	\$ 10,955,315	\$ 2,401,894	\$ 484,487	\$ 50,892	\$ 59,225	\$ 59,214	454,332,617
Feb-11	\$ 8,534,508	\$ 1,272,915	\$ 238,663	\$ (55,154)	\$ 28,975	\$ 76,432	451,502,531
Mar-11	\$ 9,224,893	\$ 1,716,237	\$ 728,024	\$ (15,493)	\$ 76,512	\$ 82,755	413,031,912
Apr-11	\$ 7,523,925	\$ 952,029	\$ 483,470	\$ 21,309	\$ 42,199	\$ 71,866	375,508,435
May-11	\$ 6,713,423	\$ 938,726	\$ 367,688	\$ (79,043)	\$ 98,494	\$ 64,297	313,931,339
Jun-11	\$ 6,744,896	\$ 140,050	\$ 223,129	\$ (20,215)	\$ 1,520	\$ 68,563	307,948,020
FYE11	\$ 97,467,939	\$ 16,154,747	\$ 3,514,198	\$ 52,036	\$ 546,360	\$ 843,447	4,341,677,303

OTP	Net Energy Costs (a)	MISO Day 2 Costs (b1)	MISO ASM Costs (b2)	RSG (c)	RNU (d)	MAC (e)	Net System kWh Sales (f)
Jul-11	\$ 6,234,784	\$ 871,052	\$ 416,902	\$ 56,674	\$ 27,250	\$ 58,022	311,204,789
Aug-11	\$ 8,158,544	\$ 2,028,678	\$ 704,183	\$ 111,999	\$ 65,578	\$ 62,334	332,496,894
Sep-11	\$ 6,756,697	\$ 1,890,102	\$ 581,446	\$ 5,961	\$ 3,808	\$ 53,063	326,272,918
Oct-11	\$ 7,803,335	\$ 2,926,860	\$ 75,949	\$ 3,081	\$ 82,429	\$ 54,502	293,395,583
Nov-11	\$ 8,230,261	\$ 3,297,152	\$ 304,708	\$ 27,911	\$ 86,374	\$ 73,645	337,669,552
Dec-11	\$ 9,714,957	\$ 3,113,673	\$ 400,931	\$ 23,989	\$ 105,286	\$ 84,687	389,630,763
Jan-12	\$ 9,430,244	\$ 2,359,407	\$ 421,580	\$ 4,551	\$ 66,908	\$ 69,497	415,777,694
Feb-12	\$ 9,260,287	\$ 2,872,729	\$ 629,109	\$ (4,582)	\$ 81,119	\$ 81,637	428,356,592
Mar-12	\$ 7,579,461	\$ 1,735,470	\$ 300,743	\$ 13,915	\$ 145,346	\$ 80,362	386,261,911
Apr-12	\$ 6,709,568	\$ 2,597,372	\$ 253,452	\$ 31,647	\$ 95,702	\$ 54,397	318,309,872
May-12	\$ 7,423,364	\$ 2,359,101	\$ 300,086	\$ 40,347	\$ 69,539	\$ 51,148	303,676,132
Jun-12	\$ 7,472,432	\$ 1,982,824	\$ 129,533	\$ 23,740	\$ 87,708	\$ 47,861	302,990,788
FYE12	\$ 94,773,925	\$ 28,034,421	\$ 4,518,622	\$ 339,232	\$ 917,047	\$ 771,154	4,146,043,488

OTP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-05	0.02743	0.00820		0.00084	0.00124	0.00020
Aug-05	0.02580	0.00797		0.00093	0.00074	0.00021
Sep-05	0.01991	0.00229		0.00126	-0.00192	0.00012
Oct-05	0.02918	0.00867		0.00139	0.00087	0.00010
Nov-05	0.02086	0.00673		0.00127	0.00059	0.00015
Dec-05	0.03803	0.01871		0.00096	0.00000	0.00012
Jan-06	0.01998	-0.00551		-0.00021	0.00059	0.00013
Feb-06	0.02770	0.00642		0.00070	0.00000	0.00017
Mar-06	0.02209	0.00558		0.00025	0.00025	0.00014
Apr-06	0.02467	0.00695		0.00032	0.00007	0.00014
May-06	0.03391	0.00570		0.00045	0.00004	0.00016
Jun-06	0.02326	0.00221		0.00027	0.00020	0.00011
FYE06	0.02602	0.00611		0.00067	0.00022	0.00015
Jul-06	0.01786	-0.00435		0.00033	0.00033	0.00017
Aug-06	0.02132	0.00073		0.00114	0.00024	0.00016
Sep-06	0.02629	0.00930		-0.00026	0.00022	0.00013
Oct-06	0.03034	0.00691		0.00073	0.00013	0.00018
Nov-06	0.02469	0.00650		0.00100	0.00023	0.00020
Dec-06	0.02969	0.01095		0.00063	0.00017	0.00019
Jan-07	0.03073	0.01269		0.00041	0.00008	0.00016
Feb-07	0.02803	0.01391		0.00083	0.00049	0.00016
Mar-07	0.03253	0.01376		0.00049	0.00024	0.00010
Apr-07	0.03197	0.01336		0.00058	0.00006	0.00016
May-07	0.01983	0.00066		0.00029	0.00015	0.00018
Jun-07	0.02683	0.00681		-0.00048	0.00153	0.00019
FYE07	0.02695	0.00809		0.00050	0.00031	0.00016

OTP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h1)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-07	0.02418	0.00029		-0.00098	0.00245	0.00019
Aug-07	0.02046	0.00067		-0.00152	0.00192	0.00015
Sep-07	0.02131	0.00245		-0.00180	0.00237	0.00011
Oct-07	0.02402	0.00406		-0.00088	0.00147	0.00017
Nov-07	0.03900	0.01912		-0.00130	0.00195	0.00012
Dec-07	0.05120	0.03690		-0.00032	0.00145	0.00016
Jan-08	0.03017	0.00988		0.00012	0.00025	0.00015
Feb-08	0.03059	0.01174		0.00023	0.00030	0.00021
Mar-08	0.02355	0.00358		0.00027	0.00019	0.00014
Apr-08	0.02020	0.00166		0.00033	0.00019	0.00015
May-08	0.01948	0.00051		0.00011	0.00012	0.00014
Jun-08	0.02653	0.00559		0.00021	0.00048	0.00019
FYE08	0.02805	0.00863		-0.00041	0.00104	0.00016
Jul-08	0.02556	0.00213		0.00013	0.00017	0.00016
Aug-08	0.02523	0.00249		-0.00003	0.00020	0.00016
Sep-08	0.02382	0.00562		0.00006	0.00014	0.00015
Oct-08	0.02718	0.00491		0.00003	0.00023	0.00019
Nov-08	0.02865	0.00727		0.00009	0.00007	0.00018
Dec-08	0.03224	0.01079		0.00011	0.00018	0.00018
Jan-09	0.02582	0.00650	-0.00001	0.00024	-0.00010	0.00015
Feb-09	0.02346	0.00448	-0.00005	0.00014	-0.00009	0.00017
Mar-09	0.02095	0.00427	0.00122	0.00042	-0.00079	0.00024
Apr-09	0.01763	0.00313	0.00093	0.00015	-0.00061	0.00018
May-09	0.02211	0.00354	0.00136	0.00013	-0.00009	0.00022
Jun-09	0.02465	0.00616	0.00122	0.00063	0.00026	0.00023
FYE09	0.02479	0.00524	0.00037	0.00018	-0.00006	0.00018

OTP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (j)	MAC \$/kWh (k)
Jul-09	0.02370	0.00456	0.00083	0.00044	0.00005	0.00021
Aug-09	0.02269	0.00205	0.00020	0.00035	-0.00003	0.00021
Sep-09	0.02206	0.00548	0.00015	0.00058	-0.00039	0.00022
Oct-09	0.02285	0.00364	0.00160	0.00007	0.00009	0.00023
Nov-09	0.02133	0.00331	0.00027	-0.00004	0.00020	0.00021
Dec-09	0.02864	0.00726	0.00084	0.00005	0.00020	0.00027
Jan-10	0.02180	0.00330	0.00006	0.00005	0.00010	0.00017
Feb-10	0.02306	0.00364	-0.00004	0.00024	0.00004	0.00018
Mar-10	0.02210	0.00265	-0.00007	0.00005	0.00007	0.00024
Apr-10	0.02114	0.00302	-0.00032	-0.00007	0.00016	0.00018
May-10	0.02223	0.00288	-0.00019	-0.00008	0.00015	0.00018
Jun-10	0.02555	0.00487	0.00082	0.00001	0.00016	0.00022
FYE10	0.02310	0.00389	0.00032	0.00013	0.00007	0.00021
Jul-10	0.02455	0.00309	-0.00001	-0.00001	0.00011	0.00020
Aug-10	0.02338	0.00443	0.00123	0.00028	0.00004	0.00018
Sep-10	0.01976	0.00254	-0.00010	-0.00003	0.00007	0.00015
Oct-10	0.02398	0.00307	-0.00029	-0.00002	0.00016	0.00020
Nov-10	0.02337	0.00509	0.00037	0.00008	0.00017	0.00023
Dec-10	0.02586	0.00674	0.00135	0.00010	0.00016	0.00026
Jan-11	0.02411	0.00529	0.00107	0.00011	0.00013	0.00013
Feb-11	0.01890	0.00282	0.00053	-0.00012	0.00006	0.00017
Mar-11	0.02233	0.00416	0.00176	-0.00004	0.00019	0.00020
Apr-11	0.02004	0.00254	0.00129	0.00006	0.00011	0.00019
May-11	0.02139	0.00299	0.00117	-0.00025	0.00031	0.00020
Jun-11	0.02190	0.00045	0.00072	-0.00007	0.00000	0.00022
FYE11	0.02245	0.00372	0.00081	0.00001	0.00013	0.00019

OTP	Net Energy Costs \$/kWh (g)	MISO Day 2 Costs \$/kWh (h)	MISO ASM Costs \$/kWh (h2)	RSG \$/kWh (i)	RNU \$/kWh (i)	MAC \$/kWh (k)
Jul-11	0.02003	0.00280	0.00134	0.00018	0.00009	0.00019
Aug-11	0.02454	0.00610	0.00212	0.00034	0.00020	0.00019
Sep-11	0.02071	0.00579	0.00178	0.00002	0.00001	0.00016
Oct-11	0.02660	0.00998	0.00026	0.00001	0.00028	0.00019
Nov-11	0.02437	0.00976	0.00090	0.00008	0.00026	0.00022
Dec-11	0.02493	0.00799	0.00103	0.00006	0.00027	0.00022
Jan-12	0.02268	0.00567	0.00101	0.00001	0.00016	0.00017
Feb-12	0.02162	0.00671	0.00147	-0.00001	0.00019	0.00019
Mar-12	0.01962	0.00449	0.00078	0.00004	0.00038	0.00021
Apr-12	0.02108	0.00816	0.00080	0.00010	0.00030	0.00017
May-12	0.02445	0.00777	0.00099	0.00013	0.00023	0.00017
Jun-12	0.02466	0.00654	0.00043	0.00008	0.00029	0.00016
FYE12	0.02286	0.00676	0.00109	0.00008	0.00022	0.00019

OTP	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-06	\$ 5,321,257	\$ -	\$ 577,256	\$ 577,256	0.00%	10.85%	10.85%
Aug-06	\$ 6,844,663	\$ -	\$ 464,944	\$ 464,944	0.00%	6.79%	6.79%
Sep-06	\$ 8,092,763	\$ 366,939	\$ 376,515	\$ 743,454	4.53%	4.65%	9.19%
Oct-06	\$ 8,523,981	\$ 321,864	\$ 339,230	\$ 661,094	3.78%	3.98%	7.76%
Nov-06	\$ 8,663,195	\$ -	\$ 1,584,142	\$ 1,584,142	0.00%	18.29%	18.29%
Dec-06	\$ 10,890,080	\$ 260,130	\$ 575,768	\$ 835,898	2.39%	5.29%	7.68%
Jan-07	\$ 12,248,469	\$ -	\$ 1,271,630	\$ 1,271,630	0.00%	10.38%	10.38%
Feb-07	\$ 11,846,710	\$ -	\$ 1,858,272	\$ 1,858,272	0.00%	15.69%	15.69%
Mar-07	\$ 12,167,856	\$ 305,450	\$ 2,334,781	\$ 2,640,231	2.51%	19.19%	21.70%
Apr-07	\$ 10,775,032	\$ 320,290	\$ 2,507,460	\$ 2,827,750	2.97%	23.27%	26.24%
May-07	\$ 6,043,066	\$ 160,638	\$ 1,826,065	\$ 1,986,703	2.66%	30.22%	32.88%
Jun-07	\$ 7,763,898	\$ 558,983	\$ 779,133	\$ 1,338,116	7.20%	10.04%	17.24%
FYE07	\$ 109,180,969	\$ 2,294,294	\$ 14,495,196	\$ 16,789,490	2.10%	13.28%	15.38%
Jul-07	\$ 7,451,244	\$ -	\$ 160,631	\$ 160,631	0.00%	2.16%	2.16%
Aug-07	\$ 6,957,475	\$ -	\$ 71,497	\$ 71,497	0.00%	1.03%	1.03%
Sep-07	\$ 6,801,835	\$ 18,129	\$ 9,938	\$ 28,067	0.27%	0.15%	0.41%
Oct-07	\$ 7,046,637	\$ 679,635	\$ -	\$ 679,635	9.64%	0.00%	9.64%
Nov-07	\$ 13,509,010	\$ 6,961,889	\$ 296,194	\$ 7,258,083	51.54%	2.19%	53.73%
Dec-07	\$ 19,877,738	\$ 8,145,199	\$ 265,373	\$ 8,410,572	40.98%	1.34%	42.31%
Jan-08	\$ 13,267,473	\$ -	\$ 437,929	\$ 437,929	0.00%	3.30%	3.30%
Feb-08	\$ 13,515,476	\$ -	\$ 426,852	\$ 426,852	0.00%	3.16%	3.16%
Mar-08	\$ 9,395,980	\$ 643,834	\$ 207,403	\$ 851,237	6.85%	2.21%	9.06%
Apr-08	\$ 7,288,585	\$ 181,960	\$ 548,297	\$ 730,257	2.50%	7.52%	10.02%
May-08	\$ 6,052,103	\$ 637,851	\$ -	\$ 637,851	10.54%	0.00%	10.54%
Jun-08	\$ 7,640,817	\$ 54,632	\$ 317,245	\$ 371,877	0.72%	4.15%	4.87%
FYE08	\$ 220,344,525	\$ 19,562,791	\$ 17,236,555	\$ 36,799,346	8.88%	7.82%	16.70%

OTP	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-08	\$ 7,867,223	\$ -	\$ 20,647	\$ 20,647	0.00%	0.26%	0.26%
Aug-08	\$ 7,938,041	\$ -	\$ 171,673	\$ 171,673	0.00%	2.16%	2.16%
Sep-08	\$ 7,498,338	\$ (24,569)	\$ 178,719	\$ 154,150	-0.33%	2.38%	2.06%
Oct-08	\$ 8,132,012	\$ (10,161)	\$ 35,635	\$ 25,474	-0.12%	0.44%	0.31%
Nov-08	\$ 9,650,232	\$ -	\$ 329,606	\$ 329,606	0.00%	3.42%	3.42%
Dec-08	\$ 13,089,817	\$ 295,385	\$ 216,661	\$ 512,046	2.26%	1.66%	3.91%
Jan-09	\$ 12,626,511	\$ -	\$ 120,528	\$ 120,528	0.00%	0.95%	0.95%
Feb-09	\$ 10,422,585	\$ -	\$ -	\$ -	0.00%	0.00%	0.00%
Mar-09	\$ 8,438,842	\$ 120,216	\$ 78,775	\$ 198,991	1.42%	0.93%	2.36%
Apr-09	\$ 6,493,215	\$ 1,609,997	\$ 167,459	\$ 1,777,456	24.80%	2.58%	27.37%
May-09	\$ 6,616,032	\$ 405,956	\$ 69,072	\$ 475,028	6.14%	1.04%	7.18%
Jun-09	\$ 7,311,258	\$ 29,102	\$ 108,663	\$ 137,765	0.40%	1.49%	1.88%
FYE09	\$ 106,084,106	\$ 2,425,926	\$ 1,497,438	\$ 3,923,364	2.29%	1.41%	3.70%
Jul-09	\$ 7,295,310	\$ (54,727)	\$ 477,477	\$ 422,750	-0.75%	6.54%	5.79%
Aug-09	\$ 6,852,696	\$ 18,573	\$ 22,062	\$ 40,635	0.27%	0.32%	0.59%
Sep-09	\$ 6,626,034	\$ (83,000)	\$ 138,985	\$ 55,985	-1.25%	2.10%	0.84%
Oct-09	\$ 7,286,203	\$ (13,411)	\$ 47,237	\$ 33,826	-0.18%	0.65%	0.46%
Nov-09	\$ 7,064,465	\$ 764,590	\$ 27,977	\$ 792,567	10.82%	0.40%	11.22%
Dec-09	\$ 11,207,111	\$ 176,280	\$ 20,427	\$ 196,707	1.57%	0.18%	1.76%
Jan-10	\$ 10,385,644	\$ -	\$ -	\$ -	0.00%	0.00%	0.00%
Feb-10	\$ 9,843,509	\$ -	\$ 11,711	\$ 11,711	0.00%	0.12%	0.12%
Mar-10	\$ 8,674,067	\$ -	\$ 39,807	\$ 39,807	0.00%	0.46%	0.46%
Apr-10	\$ 7,598,854	\$ -	\$ -	\$ -	0.00%	0.00%	0.00%
May-10	\$ 6,684,712	\$ 454,852	\$ -	\$ 454,852	6.80%	0.00%	6.80%
Jun-10	\$ 7,822,048	\$ 93,263	\$ 177,903	\$ 271,166	1.19%	2.27%	3.47%
FYE10	\$ 97,340,651	\$ 1,356,420	\$ 963,586	\$ 2,320,006	1.39%	0.99%	2.38%

OTP	Net Energy Costs (a)	Outages Costs		Total (l)	P. Outages Share of System Costs	F. Outages Share of System Costs	Outages Share of System Costs (l)/(a)
		Planned	Forced				
Jul-10	\$ 7,867,271	\$ -	\$ 103,156	\$ 103,156	0.00%	1.31%	1.31%
Aug-10	\$ 8,100,099	\$ -	\$ 349,168	\$ 349,168	0.00%	4.31%	4.31%
Sep-10	\$ 6,299,082	\$ (32,411)	\$ 35,278	\$ 2,867	-0.51%	0.56%	0.05%
Oct-10	\$ 6,830,439	\$ -	\$ 22,587	\$ 22,587	0.00%	0.33%	0.33%
Nov-10	\$ 7,987,778	\$ -	\$ 43,942	\$ 43,942	0.00%	0.55%	0.55%
Dec-10	\$ 10,686,308	\$ 64,130	\$ 74,287	\$ 138,417	0.60%	0.70%	1.30%
Jan-11	\$ 10,955,315	\$ -	\$ 20,444	\$ 20,444	0.00%	0.19%	0.19%
Feb-11	\$ 8,534,508	\$ -	\$ 114,628	\$ 114,628	0.00%	1.34%	1.34%
Mar-11	\$ 9,224,893	\$ 45,773	\$ -	\$ 45,773	0.50%	0.00%	0.50%
Apr-11	\$ 7,523,925	\$ (12,851)	\$ 17,675	\$ 4,824	-0.17%	0.23%	0.06%
May-11	\$ 6,713,423	\$ (45,923)	\$ -	\$ (45,923)	-0.68%	0.00%	-0.68%
Jun-11	\$ 6,744,896	\$ 106,901	\$ 22,865	\$ 129,766	1.58%	0.34%	1.92%
FYE11	\$ 97,467,939	\$ 125,619	\$ 804,030	\$ 929,649	0.13%	0.82%	0.95%
Jul-11	\$ 6,234,784	\$ -	\$ -	\$ -	0.00%	0.00%	0.00%
Aug-11	\$ 8,158,544	\$ -	\$ 222,043	\$ 222,043	0.00%	2.72%	2.72%
Sep-11	\$ 6,756,697	\$ 223,960	\$ 81,839	\$ 305,799	3.31%	1.21%	4.53%
Oct-11	\$ 7,803,335	\$ 76,764	\$ -	\$ 76,764	0.98%	0.00%	0.98%
Nov-11	\$ 8,230,261	\$ 37,849	\$ -	\$ 37,849	0.46%	0.00%	0.46%
Dec-11	\$ 9,714,957	\$ 69,551	\$ -	\$ 69,551	0.72%	0.00%	0.72%
Jan-12	\$ 9,430,244	\$ -	\$ 18,564	\$ 18,564	0.00%	0.20%	0.20%
Feb-12	\$ 9,260,287	\$ -	\$ (1,672)	\$ (1,672)	0.00%	-0.02%	-0.02%
Mar-12	\$ 7,579,461	\$ (16,127)	\$ (22,775)	\$ (38,902)	-0.21%	-0.30%	-0.51%
Apr-12	\$ 6,709,558	\$ 250,395	\$ (30,972)	\$ 219,423	3.73%	-0.46%	3.27%
May-12	\$ 7,423,364	\$ 254,043	\$ 18,058	\$ 272,101	3.42%	0.24%	3.67%
Jun-12	\$ 7,472,432	\$ 347,353	\$ 42,636	\$ 389,989	4.65%	0.57%	5.22%
FYE12	\$ 94,773,925	\$ 1,243,788	\$ 327,721	\$ 1,571,509	1.31%	0.35%	1.66%

Source

- (a) Source: OTP's monthly FCAs. Net Energy Costs = System costs exclusive of Intersystem sales and Schedule 16 & 17 costs.
 - (b1) Source: OTP's monthly FCAs.
 - (b2) Source: OTP's monthly FCAs.
 - (c) Source: same as in (b); RSG = Revenue Sufficiency Guarantee Charges (#10, 11, 24 & 25).
 - (d) Source: same as in (b); RNU = Real-Time Revenue Neutrality Uplift Charges (#23).
 - (e) Source: same as in (b); MAC = Market Administration Charges (#4, #19 and #29); Schedules 16 & 17.
 - (f) Source: OTP's monthly FCAs.
- Net System kWh Sales = System kWh sales exclusive of Intersystem sales.
- (g) = (a)/(f)
 - (h) = (b)/(f)
 - (i) = (c)/(f)
 - (j) = (d)/(f)
 - (k) = (e)/(f)
- (l) Source: OTP's January 7, 2008 response to the OES information request No. 203 in Docket No. E999/AA-07-1130 for FYE07, then OTP's monthly FCAs.

Note: Data after January 2009 is from OTP's August 18, 2011 and later Input Data emails.

Attachment E5

IOUs' Maintenance Expenses of Generation Plants

FYE12 AAA

Maintenance Expenses of Generation Plants

Docket/ Test Year	Rate Case (a)	2005	2006	2007	2008	2009 (b)	2010 (c)	2011 (d)
IPL 10-276/2009	\$ 3,779,345	\$ 3,096,585	\$ 2,737,232	\$ 2,906,925	\$ 3,834,111	\$ 3,015,487	\$ 3,173,210	\$ 3,593,908
MP 09-1151/2010	\$ 33,619,194	\$ 24,413,532	\$ 29,556,035	\$ 34,498,017	\$ 29,819,678	\$ 29,031,118	\$ 45,307,981	\$ 45,683,871
Xcel 10-971/2011	\$ 157,432,572	\$ 124,705,555	\$ 138,916,698	\$ 144,317,233	\$ 128,411,240	\$ 150,857,274	\$ 169,389,054	\$ 179,143,695
OTP 10-239/2010	\$ 13,192,047	\$ 9,017,424	\$ 11,871,158	\$ 10,444,219	\$ 12,981,917	\$ 12,911,918	\$ 10,255,211	\$ 12,014,142
						3-year average (e)	Difference (f)	
						\$ 3,260,868	\$ (518,477)	
						\$ 40,007,657	\$ 6,388,463	
						\$ 166,463,341	\$ 9,030,769	
						\$ 11,727,090	\$ (1,464,957)	

(e) = ((b) + (c) + (d))/3

(f) = (e) - (a)

Attachment E6

Xcel Electric: FYE12 Energy Cost Over/Under-Recovery

Jul 11-Feb 12 Mar 12-Jun 12
0.02703 0.02703

Minnesota Base Cost (\$/kWh):

Xcel	Prior Balance (a)	True Up Recovery (b)	FCA Recovery (c)	Base Cost Recovery (d)	Fuel Clause Revenues (e)	MN Energy Costs (f)	Saver's Switch True Up Adj (g)	Balance (Cost-Revenues) (h)
Jul-11	\$ (1,012,337)	\$ (1,105,019)	\$ (2,065,584)	\$ 90,047,387	\$ 86,876,784	\$ 95,173,509	\$ (51,102)	\$ 7,233,285
Aug-11	\$ (1,135,481)	\$ (1,152,979)	\$ 335,880	\$ 82,530,415	\$ 81,713,316	\$ 80,403,548	\$ (24,249)	\$ (2,469,498)
Sep-11	\$ 7,233,285	\$ 7,214,536	\$ (2,193,051)	\$ 69,735,535	\$ 74,757,020	\$ 62,674,300	\$ 75,057	\$ (4,774,378)
Oct-11	\$ (2,469,498)	\$ (2,417,609)	\$ (5,821,318)	\$ 66,954,391	\$ 58,715,464	\$ 65,884,078	\$ -	\$ 4,699,116
Nov-11	\$ (4,774,378)	\$ (4,700,301)	\$ (5,881,996)	\$ 65,967,733	\$ 55,385,436	\$ 63,071,354	\$ -	\$ 2,911,540
Dec-11	\$ 4,699,116	\$ 4,500,317	\$ 2,568,470	\$ 68,734,805	\$ 75,803,591	\$ 66,647,574	\$ -	\$ (4,456,901)
Jan-12	\$ 2,911,540	\$ 2,780,872	\$ 1,616,470	\$ 69,350,732	\$ 73,748,075	\$ 69,148,575	\$ -	\$ (1,687,960)
Feb-12	\$ (4,456,901)	\$ (4,281,948)	\$ 868,183	\$ 63,420,583	\$ 60,006,819	\$ 62,983,683	\$ -	\$ (1,480,037)
Mar-12	\$ (1,687,960)	\$ (1,594,934)	\$ 2,361,900	\$ 65,142,024	\$ 65,908,991	\$ 63,300,548	\$ -	\$ (4,296,402)
Apr-12	\$ (1,480,037)	\$ (1,467,182)	\$ (4,617,158)	\$ 61,780,177	\$ 55,695,838	\$ 58,661,916	\$ -	\$ 1,486,041
May-12	\$ (4,296,402)	\$ (4,376,620)	\$ (3,525,131)	\$ 66,166,513	\$ 58,264,762	\$ 69,563,209	\$ -	\$ 7,002,045
Jun-12	\$ 1,486,041	\$ 1,524,594	\$ (2,374,668)	\$ 74,632,785	\$ 73,782,711	\$ 77,569,194	\$ (16,270)	\$ 5,256,254
FYE12	\$ (5,076,273)	\$ (18,728,002)	\$ (18,728,002)	\$ 844,463,082	\$ 820,658,807	\$ 835,081,488	\$ 12,258,299	\$ (2,147,818)

1. FYE12 cumulative under-recovery \$ 12,258,299
 2. FYE11 cumulative under-recovery \$ (2,147,818)
 3. FYE12 under-recovery = (1)-(2) \$ 14,406,117
- 1.73%

(a) = (h) with a two-month lag.
Source (b), (c), (d) & (f): Xcel's monthly FCA data with further Department calculations under the Department's review of the monthly FCAs.
(e) = (b) + (c) + (d)
Source (g): Xcel's monthly FCAs. More info on the Saver's Switch discount program is provided in Xcel's May 7, 2007 Supplemental Information Compliance filing in Docket No. E002/GR-05-1428.
(h) = (a) - (e) + (f) + (g)

Attachment E7

Interstate Electric: FYE12 Energy Cost Over/Under-Recovery

IPL	kWh Retail & Firm Resale (a)	kWh MN Retail Sales (b)	(RES-SN)		System Costs (d)
			kWh MN not subj FCA (c)	kWh MN FCA (c)	
Jul-11	1,429,730,699	75,906,296	193,782	\$	38,892,170
Aug-11	1,546,479,651	84,590,329	221,540	\$	38,311,778
Sep-11	1,387,663,326	73,473,706	161,136	\$	24,278,987
Oct-11	1,218,186,156	64,932,946	127,929	\$	23,031,888
Nov-11	1,231,835,872	64,223,793	134,896	\$	22,470,882
Dec-11	1,326,616,891	73,050,617	179,635	\$	24,113,554
Jan-12	1,406,632,740	74,549,117	198,142	\$	25,352,158
Feb-12	1,283,873,977	67,929,248	167,721	\$	25,531,008
Mar-12	1,233,563,092	61,343,253	146,456	\$	23,512,993
Apr-12	1,139,514,014	56,699,600	120,500	\$	20,877,215
May-12	1,169,016,985	57,189,871	122,850	\$	28,028,572
Jun-12	1,297,665,392	63,879,148	143,259	\$	32,236,502
FYE12	15,670,778,795	817,767,924	1,917,846	\$	326,637,707

MWh Sendout 16,507,456 (Source: Exhibit C, Sheet 3 of 4)
5.2429%

- Source (a): IPL's monthly FCAs
- Source (b): IPL's monthly FCAs
- Source (c): IPL's monthly FCAs.
- Source (d): IPL's monthly FCAs.

Minnesota Base Cost (\$/kWh):

0.02465

IPL	FCA (\$/kWh) (e)	Calculated FCA Recovery (f)	Base Cost Recovery (g)	MN Recovery (h)	MN Energy Costs (i)	Over(Under) Recovery (j)	MN Recovery (\$/kWh) (k)	MN Energy Costs (\$/kWh) (l)
Jul-11	(0.00734)	\$ (557,770)	\$ 1,871,090	\$ 1,313,320	\$ 2,039,072	\$ (725,752)	0.017	0.027
Aug-11	(0.00598)	\$ (506,858)	\$ 2,085,152	\$ 1,578,293	\$ 2,008,643	\$ (430,349)	0.019	0.024
Sep-11	(0.00156)	\$ (116,064)	\$ 1,811,127	\$ 1,695,062	\$ 1,272,919	\$ 422,143	0.023	0.017
Oct-11	0.00129	\$ 82,251	\$ 1,600,597	\$ 1,682,848	\$ 1,207,535	\$ 475,313	0.026	0.019
Nov-11	(0.00332)	\$ (214,196)	\$ 1,583,116	\$ 1,368,921	\$ 1,178,123	\$ 190,798	0.021	0.018
Dec-11	(0.00649)	\$ (474,824)	\$ 1,800,698	\$ 1,325,873	\$ 1,264,246	\$ 61,627	0.018	0.017
Jan-12	(0.00608)	\$ (454,140)	\$ 1,837,636	\$ 1,383,495	\$ 1,329,185	\$ 54,311	0.019	0.018
Feb-12	(0.00644)	\$ (438,150)	\$ 1,674,456	\$ 1,236,306	\$ 1,338,561	\$ (102,256)	0.018	0.020
Mar-12	(0.00655)	\$ (402,381)	\$ 1,512,111	\$ 1,109,730	\$ 1,232,759	\$ (123,029)	0.018	0.020
Apr-12	(0.00574)	\$ (326,033)	\$ 1,397,645	\$ 1,071,612	\$ 1,094,568	\$ (22,956)	0.019	0.019
May-12	(0.00517)	\$ (296,330)	\$ 1,409,730	\$ 1,113,400	\$ 1,469,506	\$ (356,106)	0.019	0.026
Jun-12	(0.00594)	\$ (380,100)	\$ 1,574,621	\$ 1,194,521	\$ 1,690,123	\$ (495,602)	0.019	0.026
FYE12	\$	\$ (4,084,596)	\$ 20,157,979	\$ 16,073,383	\$ 17,125,241	\$ (1,051,857)		0.021

Source (e): IPL's monthly FCAs

(f) = ((b)-(c))*(e)-0.01053*(c)

(g) = (b)*MN base cost

(h) = (f) + (g)

(i) = (d)*MN Total Retail Sales/Net Total System Sales; data from kWh sendout in IPL's FYE12 AAA filing.

(j) = (h) - (i)

(k) = (h)/(b)

(l) = (j)/(b)

Current base cost of energy of \$0.02465 per kWh was approved by the Commission's June 22, 2010 Order in Docket No. E001/MR-10-277.

Total Company Recovery, July 2011 - June 2012, By Month

Month	Minnesota Energy Costs (a)	Minnesota Recovery (b)	Over(Under) Recovery (c)	Over(Under) Percentage (d)
July	\$ 2,039,072	\$1,313,320	(\$725,752)	(35.59%)
August	\$ 2,008,643	\$1,578,293	(\$430,349)	(21.42%)
September	\$ 1,272,919	\$1,695,062	\$422,143	33.16%
October	\$ 1,207,535	\$1,682,848	\$475,313	39.36%
November	\$ 1,178,123	\$1,368,921	\$190,798	16.20%
December	\$ 1,264,246	\$1,325,873	\$61,627	4.87%
January	\$ 1,329,185	\$1,383,495	\$54,311	4.09%
February	\$ 1,338,561	\$1,236,306	(\$102,256)	(7.64%)
March	\$ 1,232,759	\$1,109,730	(\$123,029)	(9.98%)
April	\$ 1,094,568	\$1,071,612	(\$22,956)	(2.10%)
May	\$ 1,469,506	\$1,113,400	(\$356,106)	(24.23%)
June	\$ 1,690,123	\$1,194,521	(\$495,602)	(29.32%)
Total	\$ 17,125,241	\$16,073,383	(\$1,051,857)	(6.14%)

Source (a) and (b): Attachment E7.

(c) = (b) - (a)

(d) = (c)/(a)

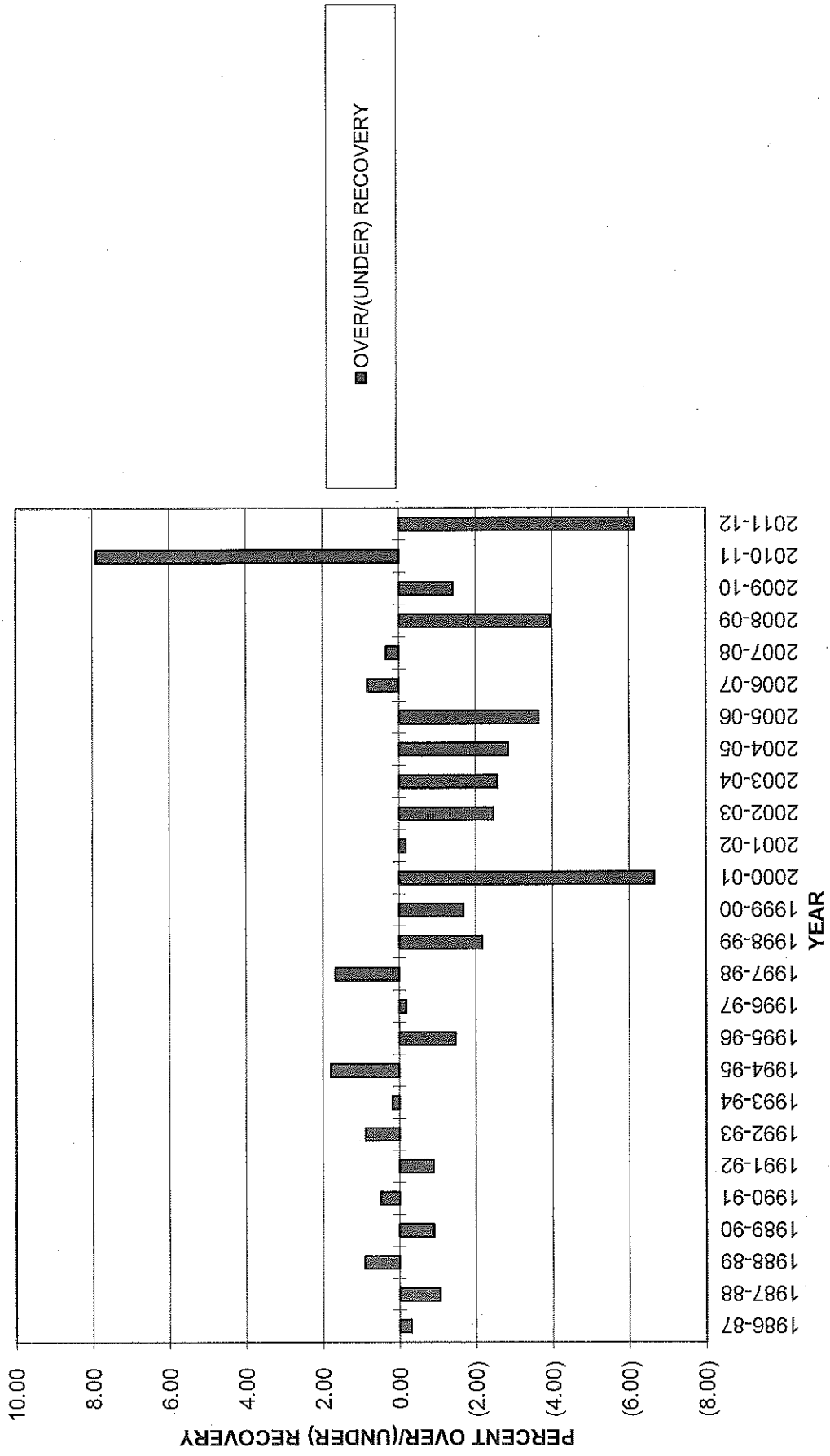
INTERSTATE POWER and LIGHT COMPANY
Summary of Fuel-Cost Recovery Since 1986-1987

Year	Over/(Under) Recovery (%)
1986-87	(0.30)
1987-88	(1.06)
1988-89	0.91
1989-90	(0.90)
1990-91	0.49
1991-92	(0.88)
1992-93	0.89
1993-94	0.18
1994-95	1.80
1995-96	(1.47)
1996-97	(0.18)
1997-98	1.67
1998-99	(2.17)
1999-00	(1.68)
2000-01	(6.66)
2001-02	(0.16)
2002-03	(2.45)
2003-04	(2.57)
2004-05	(2.85)
2005-06	(3.64)
2006-07	0.83
2007-08	0.34
2008-09	(3.97)
2009-10	(1.40)
2010-11	7.90
2011-12	(6.14)

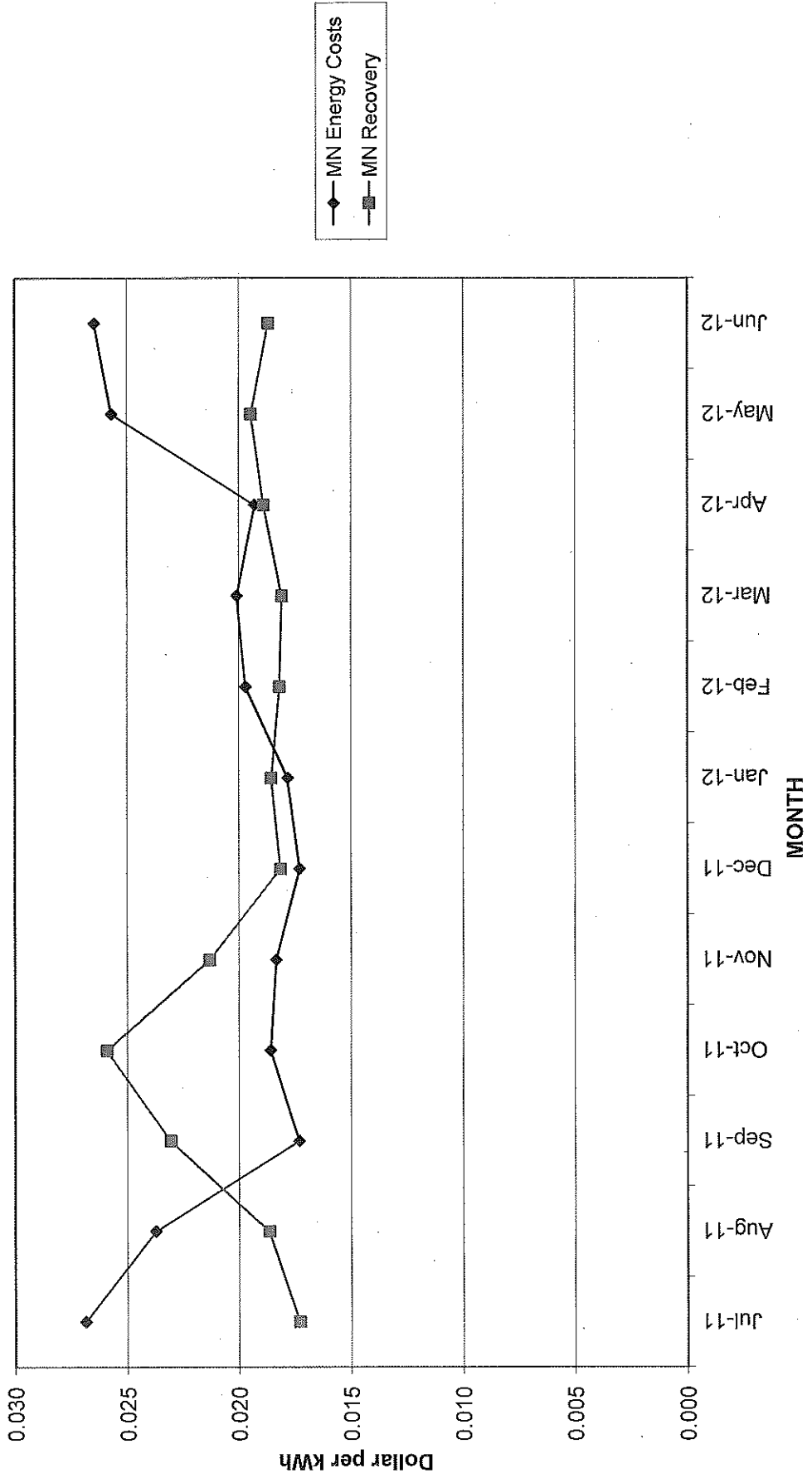
Source: AAA filings

Percent

Energy Cost Over(Under) Recovery Interstate Power and Light Company



INTERSTATE POWER and LIGHT COMPANY'S Energy Costs and Recovery
 July 2011-June 2012



Attachment E8

MP: FYE12 Energy Cost Over/Under-Recovery

MP	kWh Retail & Firm Resale (a)	FCA Retail Sales (b)	System Costs (c)
Jul-11	885,274,030	735,145,281	\$19,175,527
Aug-11	898,794,160	751,558,238	\$ 16,559,873
Sep-11	860,446,319	727,257,038	\$ 16,515,496
Oct-11	860,413,469	725,128,771	\$ 16,355,396
Nov-11	880,569,639	739,317,796	\$ 16,184,072
Dec-11	903,659,750	747,197,566	\$ 19,074,279
Jan-12	941,258,555	782,242,370	\$ 18,135,703
Feb-12	891,981,436	747,998,719	\$ 17,524,610
Mar-12	921,879,641	778,473,177	\$ 15,560,836
Apr-12	792,097,223	663,621,816	\$ 14,845,066
May-12	852,484,225	719,509,792	\$ 17,900,618
Jun-12	849,724,247	712,362,633	\$ 17,873,556
FYE12	10,538,582,694	8,829,813,197	\$ 205,705,032

Source (a): MP's monthly FCAs
Source (b): MP's monthly FCAs.
Source (c): MP's monthly FCAs

Minnesota base cost (\$/kWh): July 11 - June 12

0.01018

MP	FCA # 16 Recovery (d)	Old FCA # 16 Recovery (e)	Old FCA # 17 Recovery (f)	Base Cost Recovery (g)	MN Recovery (h)	MN Energy Costs (i)	Over(Under) Recovery (j)	MN Recovery (\$/kWh) (k)	MN Energy Costs (\$/kWh) (l)
Jul-11	5,541,248	\$ -	-	\$ 7,461,170	\$ 13,002,418	\$ 15,923,247	\$ (2,920,829)	0.018	0.022
Aug-11	6,364,111	\$ (9)	-	\$ 7,638,034	\$ 14,002,137	\$ 13,843,703	\$ 158,434	0.019	0.018
Sep-11	7,698,316	\$ (1,572)	(79.62)	\$ 7,385,194	\$ 15,081,858	\$ 13,956,063	\$ 1,125,796	0.021	0.019
Oct-11	7,113,354	\$ (7,981)	7,855.90	\$ 7,349,726	\$ 14,462,956	\$ 13,784,698	\$ 678,258	0.020	0.019
Nov-11	6,358,162	\$ (42)	-	\$ 7,505,197	\$ 13,863,317	\$ 13,588,661	\$ 274,656	0.019	0.018
Dec-11	6,655,640	\$ (29)	-	\$ 7,594,499	\$ 14,250,111	\$ 15,773,341	\$ (1,523,230)	0.019	0.021
Jan-12	6,658,476	\$ (1,072)	-	\$ 7,962,025	\$ 14,619,429	\$ 15,073,810	\$ (454,381)	0.019	0.019
Feb-12	7,176,942	\$ (7)	-	\$ 7,622,516	\$ 14,799,451	\$ 14,698,175	\$ 101,276	0.020	0.020
Mar-12	7,779,266	\$ (208)	-	\$ 7,923,462	\$ 15,702,520	\$ 13,140,627	\$ 2,561,893	0.020	0.017
Apr-12	6,130,362	\$ (11)	-	\$ 6,731,547	\$ 12,861,898	\$ 12,436,273	\$ 425,625	0.019	0.019
May-12	5,779,711	\$ (4)	-	\$ 7,298,858	\$ 13,078,565	\$ 15,109,706	\$ (2,031,141)	0.018	0.021
Jun-12	5,366,904	\$ (1)	-	\$ 7,226,392	\$ 12,593,295	\$ 14,980,986	\$ (2,387,691)	0.018	0.021
FYE12	\$ 78,622,493	\$ (10,934)	\$ 7,776	\$ 89,698,620	\$ 168,317,955	\$ 172,309,289	\$ (3,991,334)	0.019	0.020

Source (d-g): Department's calculations based on data provided in MP's monthly FCAs.

(h) = SUM(d:g)

(i)=(b)*(c)/(a)

(j) = (h) - (i)

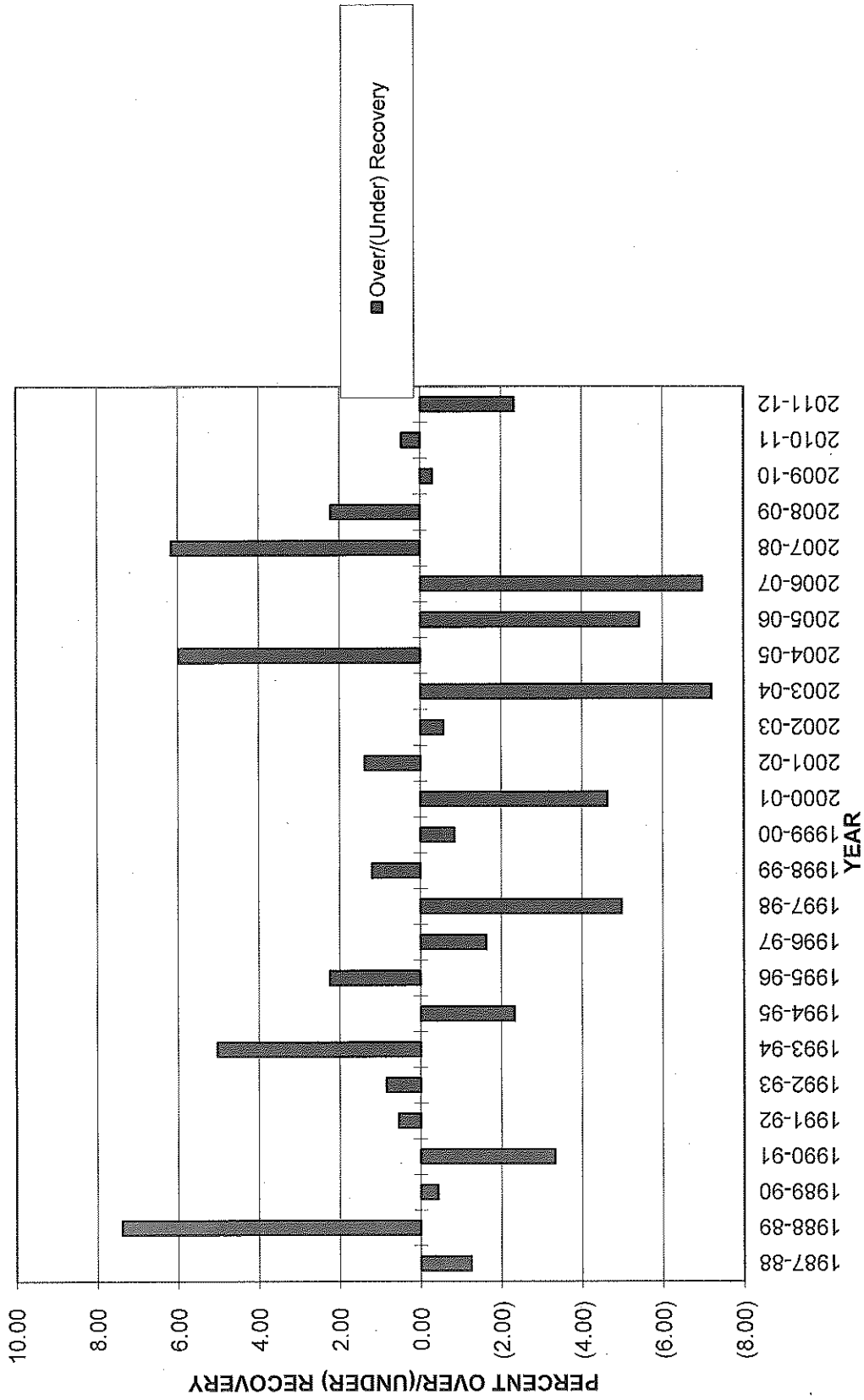
(k) = (h)/(b)

(l) = (i)/(b)

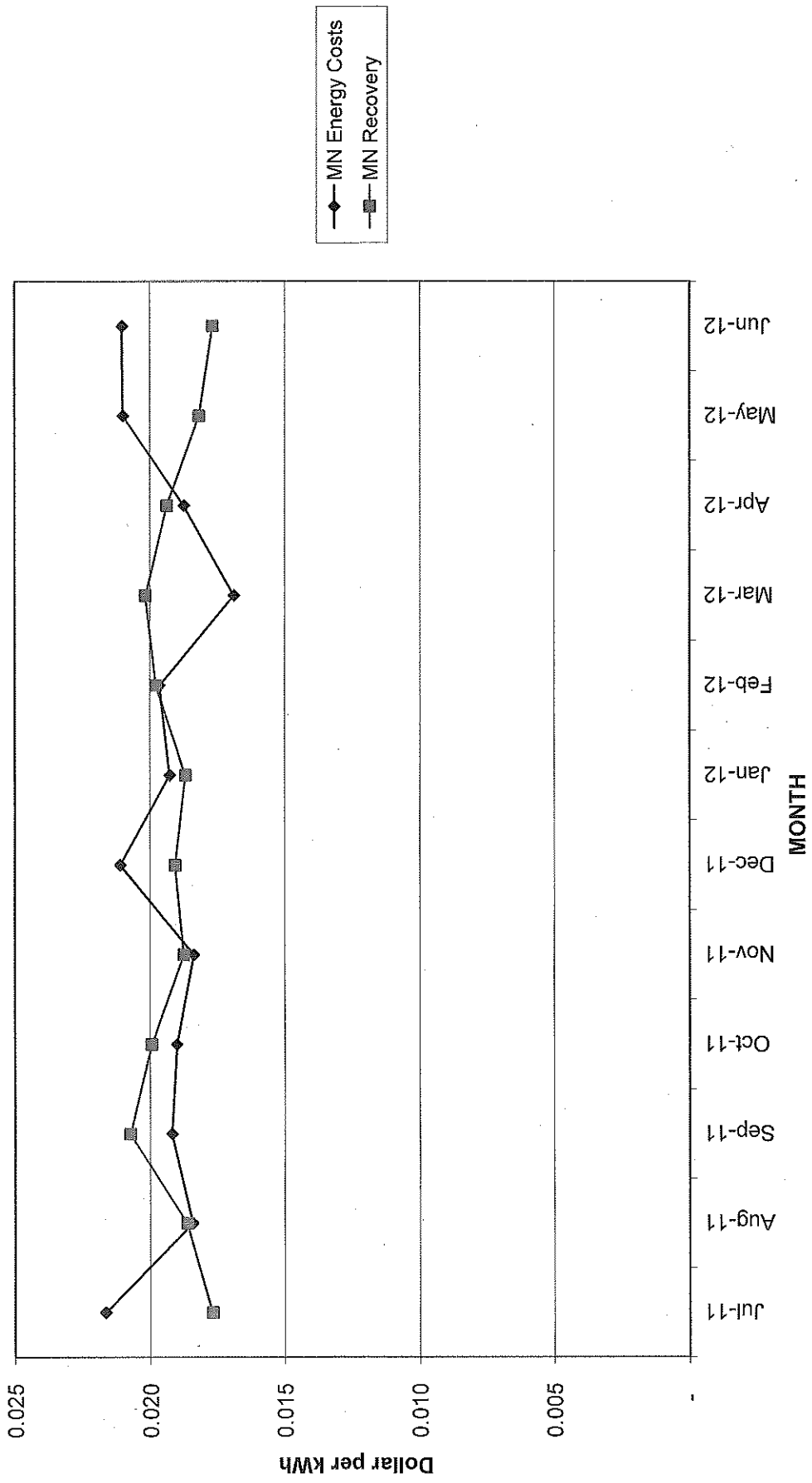
Total Company Recovery, July 2011 - June 2012, By Month				
Month	Minnesota Energy Costs	Minnesota Recovery	Over(Under) Recovery	Over(Under) Percentage
	(a)	(b)	(c)	(d)
July	\$ 15,923,247	\$13,002,418	(\$2,920,829)	(18.34%)
August	\$ 13,843,703	\$14,002,137	\$158,434	1.14%
September	\$ 13,956,063	\$15,081,858	\$1,125,796	8.07%
October	\$ 13,784,698	\$14,462,956	\$678,258	4.92%
November	\$ 13,588,661	\$13,863,317	\$274,656	2.02%
December	\$ 15,773,341	\$14,250,111	(\$1,523,230)	(9.66%)
January	\$ 15,073,810	\$14,619,429	(\$454,381)	(3.01%)
February	\$ 14,698,175	\$14,799,451	\$101,276	0.69%
March	\$ 13,140,627	\$15,702,520	\$2,561,893	19.50%
April	\$ 12,436,273	\$12,861,898	\$425,625	3.42%
May	\$ 15,109,706	\$13,078,565	(\$2,031,141)	(13.44%)
June	\$ 14,980,986	\$12,593,295	(\$2,387,691)	(15.94%)
Total	\$ 172,309,289	\$168,317,955	(\$3,991,334)	(2.32%)
Source: Department's calculations.				
(c) = (b) - (a)				
(d) = (c)/(a)				

Percent

Energy Cost Over(Under) Recovery Minnesota Power



Minnesota Power's Energy Costs and Recovery
 July 2011-June 2012



Attachment E9

OTP: FYE12 Energy Cost Over/Under-Recovery

OTP	kWh Retail & Firm Resale (a)	Sales Subject to FCA (kWh) (b)	System Costs (c)
Jul-11	311,204,789	156,802,158	\$ 6,234,784
Aug-11	332,496,894	167,550,559	\$ 8,158,544
Sep-11	326,272,918	165,079,695	\$ 6,756,697
Oct-11	293,395,583	146,509,571	\$ 7,803,335
Nov-11	337,669,552	163,882,552	\$ 8,230,261
Dec-11	389,630,763	184,614,864	\$ 9,714,957
Jan-12	415,777,694	198,155,181	\$ 9,430,244
Feb-12	428,356,592	203,144,750	\$ 9,260,287
Mar-12	386,261,911	184,290,467	\$ 7,579,461
Apr-12	318,309,872	158,493,464	\$ 6,709,558
May-12	303,676,132	154,125,150	\$ 7,423,364
Jun-12	302,990,788	157,478,849	\$ 7,472,432
FYE12	4,146,043,488	2,040,127,260	\$ 94,773,924

Source (a): OTP's July 31, 2012 compliance report approved by the Commission's October 9, 2012 Order in Docket No. E017/M-03-30.

Source (b): OTP's July 31, 2012 compliance report approved by the Commission's October 9, 2012 Order in Docket No. E017/M-03-30.

Source (c): OTP's July 31, 2012 compliance report approved by the Commission's October 9, 2012 Order in Docket No. E017/M-03-30.

MN Base Cost (\$/kWh)		0.023163									
OTP	Net FCA Recovery (f)	Base Cost Recovery (g)	MN Recovery (h)	MN Energy Costs (i)	Over (Under) Recovery (j)	MN Recovery (k)	MN Energy Costs (\$/kWh) (l)				
Jul-11	\$ (548,460)	\$ 3,632,008	\$ 3,083,548	\$ 3,067,926	\$ 15,623	0.020	0.020				
Aug-11	\$ (421,206)	\$ 3,880,974	\$ 3,459,768	\$ 4,014,543	\$ (554,775)	0.021	0.024				
Sep-11	\$ (526,872)	\$ 3,823,741	\$ 3,296,869	\$ 3,324,741	\$ (27,872)	0.020	0.020				
Oct-11	\$ (116,680)	\$ 3,393,601	\$ 3,276,921	\$ 3,839,756	\$ (562,835)	0.022	0.026				
Nov-11	\$ (85,202)	\$ 3,796,012	\$ 3,710,810	\$ 4,049,832	\$ (339,023)	0.023	0.025				
Dec-11	\$ 58,802	\$ 4,276,234	\$ 4,335,036	\$ 4,780,401	\$ (445,364)	0.023	0.026				
Jan-12	\$ 436,880	\$ 4,589,868	\$ 5,026,748	\$ 4,640,303	\$ 386,446	0.025	0.023				
Feb-12	\$ 304,033	\$ 4,705,442	\$ 5,009,475	\$ 4,556,673	\$ 452,802	0.025	0.022				
Mar-12	\$ 111,563	\$ 4,268,720	\$ 4,380,283	\$ 3,729,595	\$ 650,688	0.024	0.020				
Apr-12	\$ (161,403)	\$ 3,671,184	\$ 3,509,781	\$ 3,301,546	\$ 208,235	0.022	0.021				
May-12	\$ (382,370)	\$ 3,570,001	\$ 3,187,631	\$ 3,652,785	\$ (465,155)	0.021	0.024				
Jun-12	\$ (451,915)	\$ 3,647,683	\$ 3,195,768	\$ 3,676,930	\$ (481,163)	0.020	0.023				
FYE12	\$ (1,782,830)	\$ 47,255,468	\$ 45,472,638	\$ 46,635,031	\$ (1,162,393)		0.023				

Source (f): OTP's July 31, 2012 compliance report approved by the Commission's October 9, 2012 Order in Docket No. E017/M-03-30.

(g) = (b)*MN base cost

(h) = (f) + (g)

(i) = (c)*Total Revised Sales Subject to FCA/Net Total System Sales

(j) = (h) - (i)

(k) = (h)/(b)

(l) = (i)/(b)

Note:

Current base cost of energy of \$0.023163 per kWh was approved by the Commission's May 27, 2010 Order in Docket No. E017/MR-10-240.

Attachment E10

Dakota Electric Association: FYE12 Energy Cost Over/Under-Recovery

DEA	kWh Sales (a)	MN Energy Costs (b)	MN Recovery (c)	MN Energy Costs (\$/kWh) (d)	MN Recovery (\$/kWh) (e)
Jul-11	174,847,034	\$ 17,944,045	\$ 13,346,513	0.103	0.076
Aug-11	210,397,442	\$ 15,927,677	\$ 16,319,126	0.076	0.078
Sep-11	180,338,493	\$ 10,226,149	\$ 12,139,128	0.057	0.067
Oct-11	145,276,499	\$ 8,242,322	\$ 9,704,238	0.057	0.067
Nov-11	134,546,554	\$ 8,447,613	\$ 8,996,896	0.063	0.067
Dec-11	144,160,368	\$ 10,607,660	\$ 16,357,368 *	0.074	0.113
Jan-12	152,412,886	\$ 11,776,450	\$ 10,781,258	0.077	0.071
Feb-12	151,975,164	\$ 10,390,133	\$ 10,770,186	0.068	0.071
Mar-12	142,713,923	\$ 9,019,220	\$ 9,976,218	0.063	0.070
Apr-12	131,310,852	\$ 8,281,511	\$ 9,194,932	0.063	0.070
May-12	138,571,107	\$ 10,342,914	\$ 9,623,961	0.075	0.069
Jun-12	159,134,411	\$ 16,733,034	\$ 12,737,401	0.105	0.080
FYE12	1,865,684,733	137,938,728	139,947,225	0.074	0.075

Source (a): Dakota's AAA filing, Exhibit CII, page 1 and RTA 2013 Filing, Schedule F-2 (Docket No. E111/M-13-37)

Source (b): Dakota's AAA filing, Exhibit CII, page 1.

Source (c): Dakota's AAA filing, Exhibit CII, page 1.

*Includes Year End adjustment as per Docket No. E111/MR-12-115.

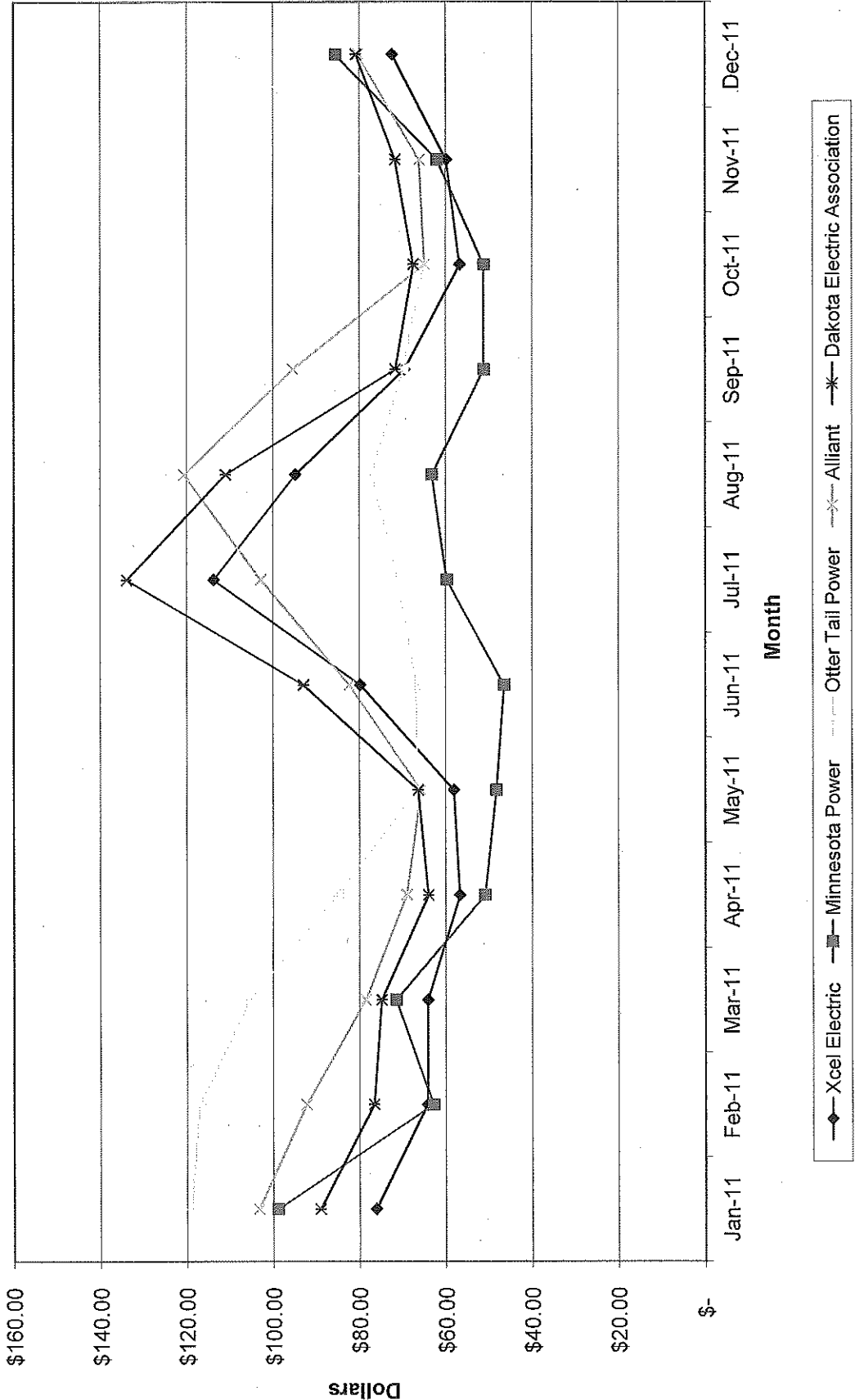
(d) = (b)/(a)

(e) = (c)/(a)

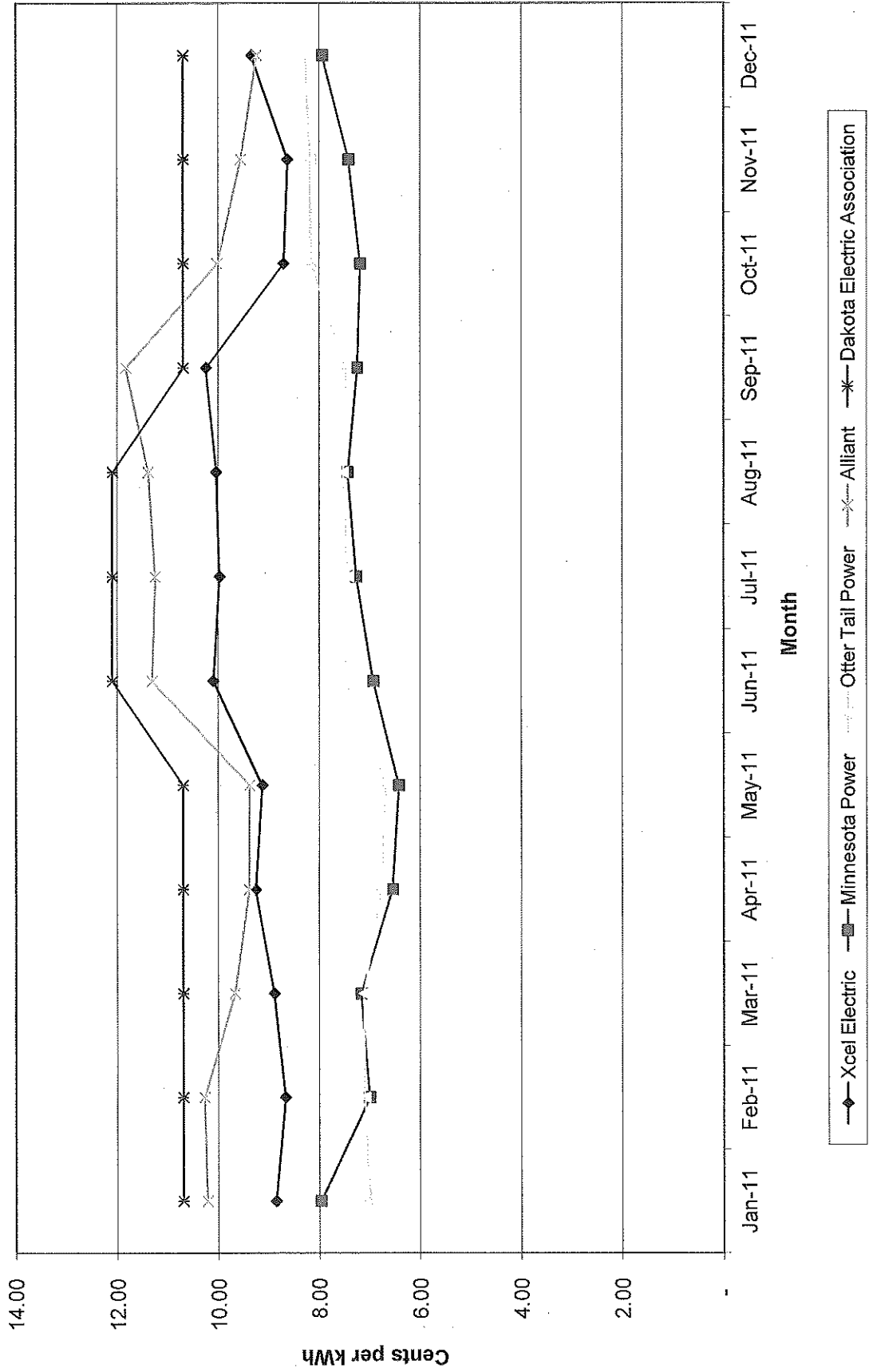
Attachment E11

Minnesota Electric Utilities Average Residential Bills for 2011

Minnesota Electric Utilities' Average Residential Bills for 2011



Minnesota Electric Utilities' Average Residential Energy Charge + FCA for 2011



Minnesota Electric Utilities' Average Residential Bills for 2011

Page 1 of 2

Xcel Electric	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11 2011 Monthly Av.
Av. residential monthly kWh usage	766	649	632	529	552	709	1,051	860	602	562	602	688
(1) Number of customers	1,092,192	1,092,808	1,093,480	1,093,678	1,093,296	1,092,529	1,092,494	1,093,970	1,093,418	1,094,526	1,095,070	1,095,812
(1) Residential sales (MWh)	837,107	708,913	690,946	578,761	602,995	774,810	1,147,673	940,863	658,022	615,495	659,362	754,084
(2) Customer Charge	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50
(2) Energy charge (\$/kWh)	0.0736	0.0637	0.0637	0.0637	0.0637	0.0736	0.0736	0.0736	0.0735	0.0637	0.0637	0.0637
June-Sept. Oct.-May	0.0637											
En. Charge X kWh usage	\$ 48.78	\$ 41.29	\$ 40.22	\$ 33.68	\$ 35.11	\$ 52.22	\$ 77.35	\$ 63.33	\$ 44.31	\$ 35.79	\$ 38.32	\$ 43.80
(2) Fuel Clause Adjustment (\$/kWh)	0.02490	0.02307	0.02525	0.02896	0.02762	0.02737	0.02612	0.02676	0.02680	0.02342	0.02267	0.02980
FCA X kWh usage	\$ 19.08	\$ 14.97	\$ 15.95	\$ 15.33	\$ 15.23	\$ 19.41	\$ 27.44	\$ 23.01	\$ 17.33	\$ 13.17	\$ 13.65	\$ 20.51
CIP surcharge (\$/kWh)	\$ 0.002373	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024
(2) Jan-Oct 2011	\$ 0.002373											
(2) Nov-Dec 2011	\$ 0.002373											
CIP surchrg. X customer's usage	\$ 1.82	\$ 1.54	\$ 1.50	\$ 1.26	\$ 1.31	\$ 1.68	\$ 2.49	\$ 2.04	\$ 1.43	\$ 1.33	\$ 1.43	\$ 1.63
Total av. resid. monthly bill	\$ 76.19	\$ 64.30	\$ 64.17	\$ 56.76	\$ 58.15	\$ 79.81	\$ 113.78	\$ 94.88	\$ 69.57	\$ 56.80	\$ 59.90	\$ 72.44
Av. Resid. energy charge + FCA (\$/kWh)	8.86	8.67	8.89	9.26	9.13	10.10	9.98	10.04	10.24	8.71	8.63	9.35

(1) Source: Xcel Electric's 2011 Annual Jurisdictional Report, page E-29, May 23, 2012.
 (2) Source: Xcel Electric's response to IR 154 in Docket No. E999/AA-11-792.

Minnesota Power	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11 2011 Monthly Av.
Av. residential monthly kWh usage	1,121	768	868	641	614	545	698	728	584	589	714	959
(1) Number of customers	121,361	121,201	121,285	121,164	121,300	122,236	121,753	121,525	121,661	121,428	121,510	118,591
(1) Residential sales (MWh)	135,998	93,093	105,273	77,678	74,499	66,613	85,032	88,529	71,066	71,536	86,771	113,769
(2) Customer Charge	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00
(2) Energy charge (\$/kWh)	0.08004	0.04773	0.04773	0.08004	0.05116	0.05116	0.05116	0.06753	0.05116	0.08186	0.08186	0.08463
First 50 kWh or less	\$ 11.93	\$ 11.93	\$ 11.93	\$ 11.93	\$ 11.93	\$ 15.35	\$ 15.35	\$ 15.35	\$ 15.35	\$ 15.35	\$ 15.35	\$ 15.35
50-300 kWh	\$ 61.68	\$ 33.46	\$ 41.46	\$ 23.30	\$ 21.14	\$ 13.51	\$ 13.51	\$ 13.51	\$ 13.51	\$ 13.51	\$ 13.51	\$ 13.51
300+ kWh	\$ 73.61	\$ 45.40	\$ 53.39	\$ 35.23	\$ 33.08	\$ 32.53	\$ 45.10	\$ 47.56	\$ 35.74	\$ 36.15	\$ 46.38	\$ 67.04
Total monthly energy charge	\$ 0.1400	\$ 0.01092	\$ 0.01019	\$ 0.01054	\$ 0.01038	\$ 0.00957	\$ 0.00809	\$ 0.00908	\$ 0.01136	\$ 0.01055	\$ 0.00923	\$ 0.00955
(2) Fuel Clause Adjustment (\$/kWh)	\$ 15.68	\$ 8.39	\$ 8.85	\$ 6.76	\$ 6.38	\$ 5.22	\$ 5.65	\$ 6.61	\$ 6.64	\$ 6.22	\$ 6.59	\$ 8.16
FCA X kWh usage	\$ 1.62	\$ 1.11	\$ 1.26	\$ 0.93	\$ 0.89	\$ 0.79	\$ 1.01	\$ 1.05	\$ 0.85	\$ 0.85	\$ 1.03	\$ 1.39
(2) CIP surcharge	\$ 0.001448											
CIP surcharge X customer's bill	\$ 98.92	\$ 62.90	\$ 71.50	\$ 50.92	\$ 48.34	\$ 46.54	\$ 59.76	\$ 63.23	\$ 51.22	\$ 51.22	\$ 62.01	\$ 85.59
Total av. resid. monthly bill	7.97	7.00	7.17	6.55	6.42	6.93	7.27	7.44	7.25	7.19	7.42	7.94
Av. Resid. energy charge + FCA (\$/kWh)												

(1) Source: MP's 2011 Annual Jurisdictional Report, page E-29 extra, April 30, 2012.
 (2) Source: MP's response to IR 154 in Docket No. E999/AA-11-792.

Minnesota Electric Utilities' Average Residential Bills for 2011

Page 2 of 2

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11 2011 Monthly Av.
Offer Tail Power												
Av. residential monthly kWh usage	1,538	1,489	1,326	1,103	849	759	819	890	801	672	872	1,163
(1) Number of customers	46,886	46,820	46,855	46,792	46,903	48,460	48,442	48,454	48,445	47,811	46,784	46,805
(1) Residential Sales (MWh)	72,128	69,718	62,161	51,590	39,818	36,802	39,686	43,126	38,825	32,112	40,801	54,428
(2) Customer Charge	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.50	\$ 8.50	\$ 8.50

(2) Energy charge (\$/kWh)	0.06907	0.06907	0.06907	0.06907	0.06907	0.07646	0.07646	0.07646	0.07646	0.08192	0.08192	0.08192
Total monthly energy charge	\$ 106.26	\$ 102.85	\$ 91.62	\$ 76.15	\$ 58.64	\$ 58.07	\$ 62.64	\$ 68.05	\$ 61.28	\$ 55.02	\$ 71.44	\$ 95.26

(2) Fuel Clause Adjustment (\$/kWh)	0.00079	0.00187	0.00208	(0.00135)	(0.00232)	(0.00162)	(0.00221)	(0.00122)	(0.00170)	(0.00030)	(0.00002)	0.00083
FCA X kWh	\$ 1.22	\$ 2.78	\$ 2.76	\$ (1.49)	\$ (1.97)	\$ (1.23)	\$ (1.81)	\$ (1.09)	\$ (1.36)	\$ (0.20)	\$ (0.02)	\$ 0.97

(2) CIP surcharge	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
CIP surchrg. X customer's bill	\$ 3.45	\$ 3.41	\$ 3.07	\$ 2.48	\$ 1.94	\$ 1.95	\$ 2.06	\$ 2.25	\$ 2.04	\$ 1.90	\$ 2.40	\$ 3.14

Total av. resid. monthly bill	\$ 118.93	\$ 117.04	\$ 105.45	\$ 85.14	\$ 66.61	\$ 66.78	\$ 70.89	\$ 77.22	\$ 69.95	\$ 65.22	\$ 82.32	\$ 107.87
Av. Resid. energy charge + FCA (\$/kWh)	6.99	7.09	7.12	6.77	6.68	7.48	7.43	7.52	7.48	8.16	8.19	8.28

(1) Source: OTP's 2011 Annual Jurisdictional Report, page E-29, May 1, 2012.
 (2) Source: OTP's response to IR 154 in Docket No. E999/AA-11-792.

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11 2011 Monthly Av.
Alliant												
Av. residential monthly kWh usage	924	813	721	642	608	651	836	981	733	561	600	774
(1) Number of customers	32,863	32,865	32,870	32,870	32,819	32,775	32,769	32,758	32,756	32,752	32,789	32,830
(1) Residential Sales (MWh)	30,357	26,704	23,692	21,107	19,946	21,327	27,390	32,131	24,014	18,362	19,686	25,427
(2) Customer Charge	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37	\$ 8.37

(2) Energy charge (\$/kWh)	0.10073	0.10073	0.10073	0.10073	0.10073	0.12162	0.12162	0.12162	0.12162	0.10073	0.10073	0.10073
En. Chrg. X kWh usage	\$ 93.05	\$ 81.85	\$ 72.63	\$ 64.68	\$ 61.22	\$ 79.14	\$ 101.66	\$ 119.29	\$ 89.16	\$ 56.47	\$ 60.48	\$ 78.01

(2) Fuel Clause Adjustment (\$/kWh)	0.0015	0.0020	(0.0040)	(0.0068)	(0.0069)	(0.0085)	(0.0091)	(0.0078)	(0.0033)	(0.0005)	(0.0051)	(0.0083)
FCA X kWh	\$ 1.34	\$ 1.63	\$ (2.88)	\$ (4.37)	\$ (4.20)	\$ (5.54)	\$ (7.62)	\$ (7.61)	\$ (2.45)	\$ (0.27)	\$ (3.06)	\$ (6.41)

(2) CIP surcharge (\$/kWh)	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061	0.00061
CIP surchrg. X kWh	\$ 0.56	\$ 0.50	\$ 0.44	\$ 0.39	\$ 0.37	\$ 0.40	\$ 0.51	\$ 0.60	\$ 0.45	\$ 0.34	\$ 0.37	\$ 0.47

Total av. resid. monthly bill	\$ 103.32	\$ 92.34	\$ 78.56	\$ 69.07	\$ 65.76	\$ 82.37	\$ 102.91	\$ 120.65	\$ 95.53	\$ 64.91	\$ 66.15	\$ 80.45
Av. Resid. energy charge + FCA (\$/kWh)	10.22	10.27	9.67	9.39	9.38	11.31	11.25	11.39	11.83	10.02	9.56	9.25

(1) Source: IPL's response to IR 154 in Docket No. E999/AA-11-792.
 (2) Source: IPL's response to IR 154 in Docket No. E999/AA-11-792.

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11 2011 Monthly Av.
Dakota Electric Association												
(1) Av. residential monthly kWh usage	766	649	632	529	552	709	1,051	860	602	562	602	683
(2) Customer Charge	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00

(2) Energy Charge (\$/kWh)	0.10144	0.10144	0.10144	0.10144	0.10144	0.11544	0.11544	0.11544	0.10144	0.10144	0.10144	0.10144
En. Chrg. X kWh usage	\$ 77.75	\$ 65.80	\$ 64.10	\$ 53.68	\$ 55.95	\$ 81.87	\$ 121.27	\$ 99.23	\$ 61.05	\$ 57.04	\$ 61.08	\$ 69.81

(2) Power Cost Adjustment	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055
Power Cost Adj. X kWh	\$ 4.22	\$ 3.57	\$ 3.48	\$ 2.91	\$ 3.03	\$ 3.90	\$ 5.78	\$ 4.73	\$ 3.31	\$ 3.09	\$ 3.31	\$ 3.78

(2) DSM surcharge (\$/kWh)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)
DSM surchrg. X customer's bill	\$ (0.84)	\$ (0.71)	\$ (0.70)	\$ (0.58)	\$ (0.61)	\$ (0.78)	\$ (1.16)	\$ (0.95)	\$ (0.66)	\$ (0.62)	\$ (0.66)	\$ (0.76)

Total av. resid. monthly bill	\$ 89.12	\$ 76.66	\$ 74.88	\$ 64.01	\$ 66.37	\$ 92.99	\$ 133.89	\$ 111.07	\$ 71.69	\$ 67.52	\$ 71.73	\$ 80.83
Av. Resid. energy charge + FCA (\$/kWh)	10.69	10.69	10.69	10.69	10.69	12.09	12.09	12.09	10.69	10.69	10.69	10.69

(1) Source: Xcel's average residential kWh usage figures were used as a proxy, because Dakota does not file a detailed MN Annual Jurisdictional Report.
 (2) Source: Dakota's response to IR 154 in Docket No. E999/AA-11-792.

Attachment E12

MISO Day 1 Section - information request responses of
Xcel Energy and Otter Tail Power Company

- Non Public Document – Contains Trade Secret Data
 Public Document – Trade Secret Data Excised
 Public Document

Xcel Energy

Docket No.: E002/AA-12-757

Response To: Department of Commerce Information Request No. 015

Requestor: Lerma La Plante

Date Received: March 13, 2013

Question:

Reference: MISO Day 1 reporting in Section 2, Item C, Part 3(a)-Xcel's AAA Filing Part 1, Sections 1-7, Page 2 of 7

Please provide the MISO Schedule 10 costs for the period July 2011 to June 2012 by month and total for the AAA period on a Minnesota Jurisdictional basis. Please include the allocator used in determining the Minnesota Jurisdictional amounts and the reasons for why this allocator is appropriate.

Response:

The table below illustrates the monthly MISO Schedule 10 costs allocated to the Minnesota retail jurisdiction based on a composite of the Interchange Agreement demand and State of Minnesota demand:

Period*	Invoiced Amount (NSP System)	Jurisdictional Transmission Allocator	Interchange Allocator	MN Jurisdiction Net of Interchange
July 2011	\$1,109,026.65	88.3621%	83.8019%	\$821,224.46
August 2011	\$971,725.97	88.3621%	83.8019%	\$719,554.52
September 2011	\$1,229,085.12	88.3621%	83.8019%	\$910,126.70
October 2011	\$783,055.79	88.3621%	83.8019%	\$579,845.91
November 2011	\$750,980.16	88.3621%	83.8019%	\$556,094.19
December 2011	\$805,872.61	88.3621%	83.8019%	\$596,741.57
January 2012	\$960,070.31	88.1030%	83.9899%	\$710,429.20
February 2012	\$884,290.63	88.1030%	83.9899%	\$654,354.03
March 2012	\$886,136.82	88.1030%	83.9899%	\$655,720.17
April 2012	\$857,430.92	88.1030%	83.9899%	\$634,478.49
May 2012	\$958,306.34	88.1030%	83.9899%	\$709,123.90
June 2012	\$1,018,080.43	88.1030%	83.9899%	\$753,355.30
Total	\$11,214,061.75			\$8,301,048.44

*The month shown is the MISO billing month. For the Company, these costs are recorded in the Company's books and records the following month. The demand allocators are shown for the month when Schedule 10 costs are recorded on the Company's books and records.

MISO Schedule 10 charges are recorded to FERC Accounts based on instructions from MISO in their letter dated May 12, 2006. As indicated in their instructions, Schedule 10 costs are allocated to the following accounts:

Percent	FERC Class	FERC Account	FERC Account Description
90.4%	Transmission	561.4	Scheduling, System Control and Dispatch Services
6.5%	Transmission	561.8	Reliability Planning and Standards Development Services
3.1%	Regional Market	575.7	Market Facilities, Monitoring and Compliance Services

The Company allocates costs recorded in these accounts between the NSP-Minnesota and NSP-Wisconsin Companies as well as to NSP-Minnesota jurisdictions (Minnesota, North Dakota and South Dakota) based on a demand allocator. The Interchange Agreement demand allocator (36 month coincident peak demand) increased the NSP System allocation to the Company effective January 1, 2011, pursuant to the annual update to the Interchange Agreement allocation factors accepted by FERC in Docket No. ER11-3234, letter order dated May 19, 2011. The 2012 Interchange Agreement demand allocator was approved in FERC Docket No. ER12-1348, and the letter order approving that filing was issued on May 23, 2012.

The State of Minnesota jurisdictional demand allocator (12 month coincident peak demand) decreased effective January 1, 2012 based on actual State of Minnesota demands. The net impact of the increase in the 2012 Interchange Agreement demand allocator and the decrease in the 2012 State of Minnesota jurisdictional demand allocator is an overall decrease in the 2012 NSP System allocation to the Minnesota jurisdiction.

Preparer:	Mary Pope	John Chow
Title:	Senior Rate Analyst	Pricing Consultant
Department:	Revenue Requirements North	NSPM Regulatory
Telephone:	612-330-6574	612-330-7588
Date:	March 25, 2013	

- Non Public Document – Contains Trade Secret Data
 Public Document – Trade Secret Data Excised
 Public Document

Xcel Energy

Docket No.: E002/AA-12-757

Response To: Department of Commerce Information Request No. 016

Requestor: Lerma La Plante

Date Received: March 13, 2013

Question:

Reference: MISO Day 1 reporting in Section 2, Item C, Part 3(a)-Xcel's AAA Filing Part 1, Sections 1-7, Page 2 of 7

Please provide information to support increase in MISO Schedule 10 costs of five percent higher when comparing current year's to prior year's costs.

Response:

MISO Schedule 10 costs increased between the current reporting year and the prior reporting year due to an overall increase in the MISO Schedule 10 rates. Schedule 10 costs are made up of three rates: demand, energy and FERC (which recovers FERC regulatory assessments billed to MISO). Each of these Schedule 10 rates increased year over year. Please see Attachment A showing the rates for each period and the year over year increases.

Preparer: Jennifer S. Pytlík
Title: Principal Financial Consultant
Department: Transmission Accounting
Telephone: 303-571-2782
Date: March 25, 2013

NSP - MISO Schedule 10 Rates

Docket No. E999/AA-12-757
 Information Request No. DOC-016
 Attachment A
 Page 1 of 1

Month	Demand Rate (per mWh)	Energy Rate (per mWh)	FERC Rate (per mWh)
Jul-10	\$0.0506	\$0.0750	\$0.0488
Aug-10	0.0452	0.0645	0.0451
Sep-10	0.0505	0.0763	0.0451
Oct-10	0.0611	0.0821	0.0451
Nov-10	0.0612	0.0805	0.0451
Dec-10	0.0577	0.0751	0.0451
Jan-11	0.0537	0.0716	0.0451
Feb-11	0.0536	0.0677	0.0451
Mar-11	0.0596	0.0775	0.0451
Apr-11	0.0725	0.0917	0.0451
May-11	0.0674	0.0952	0.0451
Jun-11	0.0599	0.0922	0.0451
Average	\$0.0578	\$0.0791	\$0.0454

Month	Demand Rate (per mWh)	Energy Rate (per mWh)	FERC Rate (per mWh)
Jul-11	\$0.0483	\$0.0728	\$0.0451
Aug-11	0.0495	0.0752	0.0497
Sep-11	0.0635	0.0915	0.0497
Oct-11	0.0548	0.0748	0.0497
Nov-11	0.0646	0.0844	0.0497
Dec-11	0.0626	0.0817	0.0497
Jan-12	0.0721	0.0888	0.0497
Feb-12	0.0753	0.0945	0.0497
Mar-12	0.0683	0.0883	0.0497
Apr-12	0.0759	0.0959	0.0497
May-12	0.0663	0.0952	0.0497
Jun-12	0.0588	0.0848	0.0497
Average	\$0.0633	\$0.0857	\$0.0493

Month	Demand Rate % Increase YOY	Energy Rate % Increase YOY	FERC Rate % Increase YOY
Jul-11	95%	97%	92%
Aug-11	110%	117%	110%
Sep-11	126%	120%	110%
Oct-11	90%	91%	110%
Nov-11	106%	105%	110%
Dec-11	108%	109%	110%
Jan-12	134%	124%	110%
Feb-12	140%	140%	110%
Mar-12	115%	114%	110%
Apr-12	105%	105%	110%
May-12	98%	100%	110%
Jun-12	98%	92%	110%
Average	110%	109%	109%

OTTER TAIL POWER COMPANY
Docket No. E999-AA-12-757

Response to: Minnesota Department of Commerce
Analyst: Samir Ouanes
Date Received: 3/13/2013
Date Due: 3/25/2013
Date of Response: 03/25/2013
Responding Witness: Stuart Tommerdahl, Manager Regulatory Administration, 218 739-8279

Information Request No: MN-DOC-13

Reference: OTP August 31, 2012 AAA Filings

Please provide the Minnesota Jurisdictional amount for MISO Schedule 10 cost in the same format as Attachment A to 2011/2012 Annual Automatic Adjustment of Charges Report. Please include the allocator used in determining the Minnesota Jurisdictional amounts and the reasons for why this allocator is appropriate.

RESPONSE:

The table included in Attachment 1 to this IR contains the Minnesota Jurisdictional amounts for MISO Schedule 10 costs, in a similar format as Attachment A to the 2011/2012 Annual Automatic Adjustment of Charges Report. Column D reflects the portion allocated to the Minnesota jurisdiction based on OTP's last approved D2 factor. The charges in Column E are provided for informational purposes only. These FERC charges are not included in any Minnesota revenue requirement determination as they are not incurred for purposes of retail rate-making.

MISO Schedule 10 charges are transmission related expenses. The D2 factor is used to allocate transmission expenses in OTP's cost of service study (COSS). The D2 factor is applied according to OTP's cost allocation manual. This manual and the D2 factor used were approved in OTP's last general rate case in Minnesota (Docket No. E017/GR-10-239).

OTTER TAIL POWER COMPANY
MISO SCHEDULE 10 CHARGE SUMMARY
July 2011 to June 2012

MONTH	A	B	C	D	E
	SCHEDULE 10 CHARGE MISO Cost Adder (System Use)	SCHEDULE 10 Adjustment from Previous Month (System Use)	D2 (transmission) Allocator from Docket E017/GR-10-239	MN Share of SCHEDULE 10 CHARGE MISO Cost Adder	SCHEDULE 10 CHARGE FERC MISO Cost Adder (Non-System Use*)
	Col. (A+B) x C				
JUL 2011	\$52,450.42	(\$1,677.72)	47.889095%	\$24,314.59	\$22,465.56
AUG 2011	\$53,811.24	(\$1,848.84)	47.889095%	\$24,884.32	\$26,032.44
SEP 2011	\$58,435.64	(\$1,789.20)	47.889095%	\$27,127.47	\$21,511.82
OCT 2011	\$47,430.82	(\$1,848.84)	47.889095%	\$21,828.80	\$21,300.73
NOV 2011	\$60,582.35	(\$1,789.20)	47.889095%	\$28,155.51	\$23,364.08
DEC 2011	\$73,296.38	(\$1,848.84)	47.889095%	\$34,215.58	\$27,870.60
JAN 2012	\$85,893.25	(\$1,848.84)	47.889095%	\$40,248.11	\$28,522.66
FEB 2012	\$78,314.28	(\$1,729.56)	47.889095%	\$36,675.73	\$25,645.62
MAR 2012	\$65,796.01	(\$1,848.84)	47.889095%	\$30,623.72	\$23,863.37
APR 2012	\$56,862.67	(\$1,789.20)	47.889095%	\$26,374.19	\$18,810.19
MAY 2012	\$53,830.38	(\$1,848.84)	47.889095%	\$24,893.49	\$19,765.13
JUN 2012	\$52,134.90	(\$1,789.20)	47.889095%	\$24,110.10	\$22,719.58
TOTALS	\$738,838.34	(\$21,657.12)	47.889095%	\$343,451.60	\$281,871.78

*Non-system use is not allocated to MN.

OTTER TAIL POWER COMPANY
Docket No. E999-AA-12-757

Response to: Minnesota Department of Commerce
Analyst: Samir Ouanes
Date Received: 3/13/2013
Date Due: 3/25/2013
Date of Response: 03/25/2013
Responding Witness: Stuart Tommerdahl, Manager Regulatory Administration, 218 739-8279

Information Request No: MN-DOC-14

Reference: OTP August 31, 2012 AAA Filings

Please provide information to support increases in MISO Schedule 10 costs of five percent or higher when comparing current year's to prior year's costs.

RESPONSE:

Otter Tail's MISO Schedule 10 costs increased from \$664,852.26 (System-wide) in the 2010-2011 AAA period to \$738,838.34 (System-wide) in the 2011-2012 AAA period. The 11% increase in Schedule 10 costs is driven almost entirely by an increase in the rate charged by the MISO. Otter Tail requested further information from the MISO on the reason for the cost increase, and it was driven by the exit from MISO of First Energy on 5/31/2011 and Duke Ohio/Duke Kentucky on 12/31/2011. When these members exited MISO, their loads were no longer in the denominator of the rate calculation, and so the cost to remaining members increased.