

FOR BOARD ACTION

Agenda Item # 6.

Meeting Date:

12/14/06

SUBJECT:

RPU Performance in MISO wholesale market after 1 year of activity

PREPARED BY:

Wally Schlink, Director of Power Resources

ITEM DESCRIPTION:

RPU began participation in the Midwest Independent System Operator wholesale energy market on November 1, 2005 with 50 mW of the Silver Lake Power Plant. On April 1, 2006 RPU also added the gas turbine assets at the Cascade Creek Substation to our MISO wholesale offerings.

Staff will report on the financial performance of the first year in the market.

UTILITY BOARD ACTION REQUESTED:

No action requested. This is for informational purposes.



General Manager



Date

MISO Performance November 1, 2005 - October 31, 2006

Month	mWh Sold	Production Cost		O&M	SO2 Allowance	Margin to RPU	Revenue >		Average Revenue per mWh	Average Production Cost per mWh	Average Revenue > Production Cost per mWh
		Revenue to RPU	Reimbursement				Production Cost	Production Cost			
Nov-05	13,003.5	821,980	540,406	19,293	61,816	200,465	281,574	\$ 63.21	\$ 41.56	\$ 21.65	
Dec-05	18,708.0	1,529,043	787,247	40,316	103,616	597,863	741,795	\$ 81.73	\$ 42.08	\$ 39.65	
Jan-06	9,698.5	491,228	417,262	14,548	74,460	(15,042)	73,966	\$ 50.65	\$ 43.02	\$ 7.63	
Feb-06	8,720.0	491,494	397,782	12,870	72,216	8,625	93,712	\$ 56.36	\$ 45.62	\$ 10.75	
Mar-06	1,671.5	88,270	82,689	2,507	-	3,074	5,581	\$ 52.81	\$ 49.47	\$ 3.34	
Apr-06	789.0	45,141	37,963	1,184	-	5,995	7,178	\$ 57.21	\$ 48.12	\$ 9.10	
May-06	3,308.1	216,798	186,509	4,962	-	25,326	30,289	\$ 65.54	\$ 56.38	\$ 9.16	
Jun-06	12,543.4	873,779	693,770	18,815	27,407	133,787	180,009	\$ 69.66	\$ 56.31	\$ 14.35	
Jul-06	29,623.6	2,817,684	1,675,611	44,435	62,826	1,034,811	1,142,073	\$ 95.12	\$ 56.56	\$ 38.55	
Aug-06	25,142.8	1,835,709	1,430,466	37,714	67,713	299,817	405,244	\$ 73.01	\$ 56.89	\$ 16.12	
Sep-06	8,101.2	575,766	339,858	10,142	25,213	200,554	235,908	\$ 71.07	\$ 41.95	\$ 29.12	
Oct-06	21,123.9	1,538,510	1,113,308	31,686	49,448	344,068	425,202	\$ 72.83	\$ 52.70	\$ 20.13	
	152,433.5	\$ 11,325,401	\$ 7,702,872	\$ 238,471	\$ 544,716	\$ 2,839,343	\$ 3,622,530	\$ 74.30	\$ 50.53	\$ 23.76	

MISO Performance November 1, 2005 - October 31, 2006 - Silver Lake Plant

Month	mWh Sold	Production Cost			O&M	SO2 Allowance	Margin to RPU	Revenue >		Average	
		Revenue to RPU	Reimbursement	SO2 Allowance				Production Cost	Production	Cost per mWh	Revenue per mWh
Nov-05	13,003.5	821,980	540,406	61,816	19,293	200,465	281,574	63.21	41.56	21.65	
Dec-05	18,708.0	1,529,043	787,247	103,616	40,316	597,863	741,795	81.73	42.08	39.85	
Jan-06	9,698.5	491,228	417,262	74,460	14,548	(15,042)	73,966	50.85	43.02	7.63	
Feb-06	8,720.0	491,494	397,782	72,216	12,870	8,625	93,712	58.36	45.62	10.75	
Mar-06	1,671.5	88,270	82,689	-	2,507	3,074	5,581	52.81	49.47	3.34	
Apr-06	739.6	39,063	33,872	-	1,109	4,081	5,190	52.82	45.80	7.02	
May-06	1,819.5	92,132	89,067	-	2,729	336	3,065	50.84	48.95	1.88	
Jun-06	8,003.6	468,515	379,235	27,407	12,005	49,868	89,280	58.54	47.38	11.16	
Jul-06	18,126.7	1,485,481	865,939	62,826	27,190	529,526	619,542	81.95	47.77	34.18	
Aug-06	19,151.6	1,296,728	955,151	65,623	28,727	207,227	301,577	65.62	49.87	15.75	
Sep-06	6,175.2	479,067	284,230	25,213	8,310	181,314	214,837	77.88	42.79	34.79	
Oct-06	13,801.7	926,543	674,170	49,448	20,703	182,222	252,373	67.13	48.85	18.29	
	119,619.4	8,169,542	5,487,060	542,626	190,308	1,949,558	2,882,492	68.30	45.87	22.43	

MISO Performance November 1, 2005 - October 31, 2006 - Cascade Creek Plant

Month	mWh Sold	Production Cost			O&M	Margin to RPU	Revenue >		Average	
		Revenue to RPU	Reimbursement	SO2 Allowance			Production Cost	Production	Cost per mWh	Revenue per mWh
Nov-05	-	-	-	-	-	-	-	-	-	-
Dec-05	-	-	-	-	-	-	-	-	-	-
Jan-06	-	-	-	-	-	-	-	-	-	-
Feb-06	-	-	-	-	-	-	-	-	-	-
Mar-06	-	-	-	-	-	-	-	-	-	-
Apr-06	49.5	6,079	4,091	-	74	1,914	1,988	122.80	82.94	40.16
May-06	1,488.6	124,666	97,443	-	2,233	24,990	27,223	83.75	65.46	18.29
Jun-06	4,539.8	405,264	314,535	-	6,810	83,919	90,729	89.27	69.28	19.99
Jul-06	11,496.9	1,332,203	809,672	-	17,245	505,286	522,531	115.88	70.43	45.45
Aug-06	5,991.2	578,982	475,315	2,090	8,987	92,590	103,666	96.64	79.34	17.30
Sep-06	1,926.0	96,699	75,627	-	1,831	19,240	21,071	50.21	39.27	10.94
Oct-06	7,322.2	611,967	439,138	-	10,983	161,845	172,829	83.58	59.97	23.60
	32,814.2	3,155,859	2,215,821	2,090	48,164	889,764	940,038	96.17	67.53	28.65