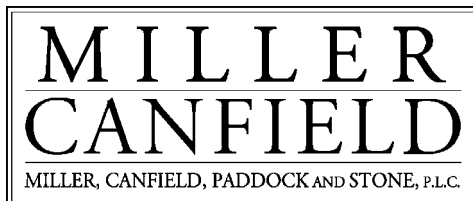


Founded in 1852
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May 11, 2006

Mary Jo Kunkle
Executive Secretary
Michigan Public Service Commission
6545 Mercantile Way, Suite 7
Lansing, MI 48911

Re: Wisconsin Electric Power Company
2006 PSCR Plan and Factors
MPSC Case No. U-14707

Dear Ms. Kunkle:

Attached hereto for filing, please find the hearing exhibits entered at the hearing in the above-referenced matter on April 26, 2006. Specifically, please find attached Exhibits A-1 through A-17. Should you have any questions, please advise.

Very truly yours,

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

Ronald W.
Bloomberg

Digitally signed by Ronald W.
Bloomberg
DN: CN = Ronald W. Bloomberg,
C = US, O = Miller, Canfield,
Paddock Stone, PLC
Date: 2006.05.11 09:31:04 -04'00'

Ronald W. Bloomberg

RWB/lab

REVISED

WISCONSIN ELECTRIC POWER COMPANY
Annual System Native Energy By Class
2006-2010 (Megawatthours)

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Billing Month Sales					
Residential	8,459,248	8,572,503	8,774,775	8,914,698	9,053,071
General Secondary	8,928,455	9,030,283	9,162,708	9,273,133	9,380,498
General Primary	11,663,013	11,778,580	11,925,827	12,008,535	12,122,044
Public Authority	171,172	171,172	171,172	171,172	171,172
Ultimate Retail Sales	29,221,888	29,552,538	30,034,482	30,367,538	30,726,785
Municipal Sales	77,883	43,761	40,628	41,386	40,965
Losses and Net Accrual	1,970,790	1,992,998	1,916,328	1,969,204	1,969,737
Company Use	73,681	73,681	73,681	73,681	73,681
System Native Energy	31,344,242	31,662,978	32,065,119	32,451,809	32,811,168

Note: The municipal billing month sales for 2006 includes Geneva actual calendar month (booked) consumption of 28,735 MWh.

WISCONSIN ELECTRIC POWER COMPANY
Contract Sales to Wisconsin Public Power, Inc., Edison Sault, and Open Season Parties
2006-2010

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2006													
Wisconsin Public Power, Inc.													
Demand - MW	230	230	230	230	230	230	230	230	230	230	230	230	
Energy - MWh	125,929	114,883	128,138	121,511	127,034	123,720	124,824	128,138	121,511	127,034	122,615	124,824	1,490,161
Edison Sault													
Demand - MW	73	71	68	42	46	52	66	62	55	55	73	76	
Energy - MWh	51,966	43,734	42,197	37,539	35,972	34,088	33,551	31,533	32,329	36,931	39,317	41,708	460,865
2007													
Wisconsin Public Power, Inc.													
Demand - MW	230	230	230	230	256	256	256	256	256	256	256	256	
Energy - MWh	127,034	114,883	127,034	122,615	141,149	136,239	139,921	142,376	133,784	142,376	136,239	138,694	1,602,344
Edison Sault													
Demand - MW	75	74	70	44	48	54	69	64	57	58	75	78	
Energy - MWh	53,343	44,927	43,414	38,677	37,140	35,244	34,751	32,726	33,487	38,147	40,514	42,966	475,336
2008													
Wisconsin Public Power, Inc.													
Demand - MW	256	256	256	256	281	281	281	281	281	281	281	281	
Energy - MWh	141,149	132,557	139,921	137,466	153,913	149,863	156,263	153,813	149,863	156,614	147,163	155,263	1,772,950
Edison Sault													
Demand - MW	81	79	76	49	53	59	75	70	62	63	81	84	
Energy - MWh	54,740	46,138	44,650	39,832	38,326	36,418	35,968	33,938	34,863	39,380	41,729	44,244	490,024
2009													
Wisconsin Public Power, Inc.													
Demand - MW	281	281	281	281	307	307	307	307	307	307	307	307	
Energy - MWh	153,913	140,412	155,263	149,863	166,433	164,960	170,851	167,906	163,487	169,378	162,014	169,378	1,933,859
Edison Sault													
Demand - MW	83	82	78	51	55	61	76	72	64	65	83	86	
Energy - MWh	56,159	47,366	45,903	41,004	39,530	37,609	37,204	35,168	35,856	40,633	42,961	45,540	504,933
Open Season Parties													
Demand - MW	-	-	-	-	50	50	50	50	50	50	50	50	
Energy - MWh	-	-	-	-	23,340	21,180	24,330	22,440	19,620	20,400	19,200	22,800	173,310
2010													
Wisconsin Public Power, Inc.													
Demand - MW	307	307	307	307	307	307	307	307	307	307	307	307	
Energy - MWh	166,433	153,177	170,851	164,960	166,433	164,960	167,906	166,378	163,487	167,906	163,487	170,851	1,989,827
Edison Sault													
Demand - MW	86	84	81	53	58	63	79	74	86	87	106	109	
Energy - MWh	57,598	48,614	47,176	42,194	40,752	38,818	38,458	36,416	51,136	56,461	58,281	61,394	577,297
Open Season Parties													
Demand - MW	50	50	50	50	100	100	100	100	100	100	100	100	
Energy - MWh	22,080	22,800	25,500	25,740	46,680	42,360	47,340	45,600	39,240	39,960	39,240	46,320	442,860

Case No.: U-14707
 Exhibit: A-1 (TPL-1)
 Witness: Thomas P. Lorden
 Date: September, 2005
 Page: 4 of 4

Wisconsin Electric Power Company

Development of Total Peak Month Demand Obligation

Description	Exhibit	2006	2007	2008	2009	2010
		(MW)	(MW)	(MW)	(MW)	(MW)
Net Native System	TPL-1, p. 2	5,972	6,075	6,192	6,309	6,421
Firm Sale - WPPI, ESELCO & PTF	TPL-1, p. 3	296	325	356	433	485
Total Peak Month Demand Obligation	TPL-9, p. 1	6,268	6,400	6,548	6,742	6,906

REVISED

WISCONSIN ELECTRIC POWER COMPANY
Monthly Michigan Native Energy By Class
2006 (Megawatthours)

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Billing Month Sales													
Residential	19,665	16,027	16,003	12,949	13,066	13,229	13,085	14,981	12,973	13,341	13,194	16,236	174,749
General Secondary	13,122	12,478	13,333	11,557	12,519	13,043	12,986	14,255	12,959	12,913	11,722	12,197	153,084
General Primary	225,021	225,266	204,737	225,383	218,693	226,568	218,876	229,447	230,725	221,463	227,673	220,187	2,674,037
Public Authority	196	173	205	187	204	199	163	195	188	195	173	195	2,273
Ultimate Retail Sales	258,004	253,944	234,278	250,076	244,482	253,039	245,110	258,878	256,845	247,912	252,762	248,815	3,004,143
Municipal Sales	5,209	4,680	4,089	3,720	3,052	3,175	3,639	4,205	4,592	4,054	4,206	4,526	49,147
Losses and Net Accrual	7,637	(15,755)	25,908	1,338	14,248	(1,747)	20,817	7,424	(2,318)	14,700	1,870	15,034	89,157
Company Use	149	105	140	135	168	121	112	103	98	103	105	113	1,452
Michigan Native Energy	270,999	242,974	264,415	255,269	261,950	254,587	269,678	270,610	259,217	266,769	258,943	268,488	3,143,899

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WISCONSIN ELECTRIC POWER COMPANY
Annual Michigan Native Energy By Class
2006-2010 (Megawatthours)

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Billing Month Sales					
Residential	174,749	176,875	180,741	183,137	185,991
General Secondary	153,084	154,652	156,763	158,488	160,153
General Primary	2,674,037	2,675,899	2,683,852	2,679,636	2,681,486
Public Authority	2,273	2,273	2,273	2,273	2,273
Ultimate Retail Sales	<u>3,004,143</u>	<u>3,009,699</u>	<u>3,023,629</u>	<u>3,023,534</u>	<u>3,029,903</u>
Municipal Sales	49,147	43,761	40,628	41,386	40,965
Losses and Net Accrual	89,157	87,878	87,434	88,199	87,726
Company Use	<u>1,452</u>	<u>1,452</u>	<u>1,452</u>	<u>1,452</u>	<u>1,452</u>
Michigan Native Energy	<u>3,143,899</u>	<u>3,142,790</u>	<u>3,153,144</u>	<u>3,154,572</u>	<u>3,160,046</u>

Wisconsin Electric Power Company
2006 FUEL RUN

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>FOSSIL STEAM (ELECTRIC ONLY)</u>													
OAK CREEK													
OC ENERGY (MWH)	499,230	470,320	460,730	643,330	488,306	651,855	614,450	618,450	609,860	717,785	616,625	488,645	6,879,585
OC \$ - TOTAL	6,525,048	6,373,510	6,352,929	8,986,869	6,821,083	9,096,766	8,618,859	8,712,025	8,594,643	10,091,619	8,720,399	6,991,140	95,784,784
\$/MWh	13.07	13.55	13.79	13.81	13.97	13.96	14.03	14.09	14.09	14.06	14.14	14.31	13.92
<u>PLEASANT PRAIRIE</u>													
P4 ENERGY (MWH)	889,575	791,454	728,931	376,858	661,882	716,838	735,380	869,660	624,435	442,255	493,710	804,910	8,135,888
P4 \$ - TOTAL	10,129,335	9,358,015	8,827,108	4,619,040	8,172,851	8,904,133	9,175,737	10,836,484	7,814,258	5,574,725	6,383,689	10,194,226	99,989,595
\$/MWh	11.39	11.82	12.11	12.26	12.35	12.42	12.48	12.46	12.51	12.61	12.93	12.57	12.29
<u>PRESQUE ISLE 1-6 (EASTERN COAL)</u>													
PIE ENERGY (MWH)	131,131	94,438	133,065	152,726	143,124	133,836	156,136	151,862	104,204	114,533	129,388	152,915	1,597,358
PIE \$ - TOTAL	2,774,727	1,955,642	2,774,227	3,750,105	3,822,546	3,828,714	4,645,089	4,550,007	3,091,868	3,466,926	3,993,983	4,680,248	43,334,092
\$/MWh	21.16	20.71	20.85	24.55	26.71	28.61	29.75	29.96	29.67	30.27	30.87	30.61	27.13
<u>PRESQUE ISLE 7-9 (WESTERN COAL)</u>													
PIW ENERGY (MWH)	162,479	148,398	134,348	117,188	109,431	158,163	174,213	170,691	151,413	156,250	153,955	140,146	1,776,675
PIW \$ - TOTAL	2,247,182	2,036,124	1,800,418	1,550,576	1,519,887	2,232,570	2,462,990	2,420,173	2,165,592	2,239,487	2,229,925	2,109,934	25,014,858
\$/MWh	13.83	13.72	13.40	13.23	13.89	14.12	14.14	14.18	14.30	14.33	14.48	15.06	14.08
<u>VALLEY</u>													
VA ENERGY (MWH)	132,669	108,854	136,984	64,970	86,231	119,781	142,217	140,434	114,860	130,829	131,857	95,871	1,405,557
VA \$ - TOTAL	3,617,916	3,016,122	3,813,647	2,255,047	3,167,147	4,368,646	5,140,087	5,110,503	4,277,055	4,811,417	4,840,573	3,727,877	48,146,037
\$/MWh	27.27	27.71	27.84	34.71	36.73	36.47	36.14	36.39	37.24	36.78	36.71	38.88	34.25
<u>EDGEWATER 5 (WE SHARE)</u>													
EDG5 ENERGY (MWH)	13,451	10,111	19,471	70,526	72,501	73,542	76,632	71,688	71,564	0	26,920	73,520	579,926
EDG5 \$ - TOTAL	184,729	140,340	271,891	988,600	1,019,860	1,037,309	1,083,841	1,016,362	1,016,601	0	383,249	1,047,129	8,189,711
\$/MWh	13.73	13.88	13.96	14.02	14.06	14.10	14.14	14.18	14.21	-	14.24	14.24	14.12
<u>MILW COUNTY PP</u>													
MC ENERGY (MWH)	672	242	2,611	3,099	2,703	3,177	3,563	3,746	3,025	3,314	3,269	2,852	32,273
MC \$ - TOTAL	19,956	8,867	88,130	107,602	96,823	116,313	132,833	141,705	115,919	128,083	127,594	112,294	1,196,119
\$/MWh	29.70	36.64	33.75	34.72	35.82	36.61	37.28	37.83	38.32	38.65	39.03	39.37	37.06
<u>So2 Allowances (ACCT. 509)</u>													
	2,124	1,903	1,497	2,374	2,255	2,413	3,524	4,083	3,412	4,106	3,988	4,029	35,708
<u>TOTAL FOSSIL STEAM (Electric Only)</u>													
MWH	1,829,207	1,623,817	1,616,140	1,428,697	1,564,178	1,857,192	1,902,591	2,026,531	1,679,361	1,564,966	1,555,724	1,758,859	20,407,262
\$	25,501,016	22,890,522	23,929,746	22,160,212	24,622,251	29,586,863	31,262,989	32,791,341	27,079,347	26,316,362	26,683,399	28,866,876	321,690,904
\$/MWh	13.94	14.10	14.81	15.51	15.74	15.93	16.43	16.18	16.12	16.82	17.15	16.41	15.76

Wisconsin Electric Power Company
2006 FUEL RUN

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
<u>OTHER POWER GENERATION FUEL EXPENSE</u>													
PORT WASHINGTON GENERATING STATION													
PWGS ENERGY (MWH)	56,159	123,256	86,817	216,688	114,940	139,560	244,754	245,629	155,504	208,125	0	0	1,591,432
PWGS \$ - TOTAL	6,406,673	11,759,667	8,490,952	15,635,411	8,734,235	10,295,427	17,207,433	17,636,467	11,541,022	14,936,317	1,033,059	1,030,498	124,715,172
\$/MWh	114.12	95.41	97.87	72.16	75.99	73.77	70.31	71.80	74.22	71.77	-	-	78.37
<u>CONCORD</u>													
CON ENERGY (MWH)	-	-	-	-	-	19,723	49,624	17,906	5,280	0	0	0	92,533
CON \$ - TOTAL	44,450	44,450	44,450	44,450	64,910	2,730,053	6,894,757	2,570,492	800,376	44,450	44,450	44,450	13,371,738
\$/MWh	-	-	-	-	-	138.42	138.94	143.55	151.59	-	-	-	144.51
<u>GERMANTOWN</u>													
GTN ENERGY (MWH)	-	-	-	-	-	5,501	15,434	8,684	182	1,366	516	456	33,139
GTN \$ - TOTAL	1,050	1,050	1,050	1,050	5,390	742,344	1,846,467	1,036,937	42,456	157,902	69,312	57,893	3,962,901
\$/MWh	-	-	-	-	-	114.19	119.64	119.41	233.27	115.59	134.33	126.96	119.58
<u>PARIS</u>													
PRS ENERGY (MWH)	-	-	-	-	-	18,809	40,973	15,989	2,796	44	0	0	78,611
PRS \$ - TOTAL	21,950	21,950	21,950	21,950	42,410	2,367,996	5,206,141	2,088,231	406,323	31,510	21,950	21,950	10,274,310
\$/MWh	-	-	-	-	-	125.90	127.06	130.60	146.32	716.13	-	-	130.70
<u>OTHER CT'S (OC 9, & PB5G)</u>													
OCT ENERGY (MWH)	-	-	-	-	-	-	-	-	-	-	-	-	0
OCT \$ - TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	0
\$/MWh	-	-	-	-	-	-	-	-	-	-	-	-	0.00
<u>TOTAL OTHER PRODUCTION</u>													
MWh	56,159	123,256	86,817	216,688	114,940	184,593	350,785	288,208	163,762	209,535	516	456	1,795,715
\$	6,476,123	11,827,117	8,564,412	15,702,861	8,846,945	16,135,821	31,154,797	23,332,127	12,790,176	15,170,179	1,168,771	1,154,791	152,324,121
\$/MWh	115.32	95.96	98.65	72.47	76.97	87.41	88.81	80.96	78.10	72.40	2,265.06	2,532.44	84.83
<u>HYDRO</u>													
HYDRO GENERATION	28,691	29,538	28,861	45,738	26,799	27,880	31,775	41,023	43,896	36,646	29,107	21,120	391,074
<u>TOTAL FOSSIL (ELECTRIC ONLY) & HYDRO</u>													
MWh	1,914,057	1,776,611	1,731,818	1,691,123	1,705,917	2,069,664	2,285,151	2,355,762	1,887,019	1,811,147	1,585,347	1,780,435	22,594,051
\$	31,977,139	34,717,639	32,494,158	37,863,073	33,469,196	45,722,684	62,417,766	56,123,468	39,869,523	41,486,541	27,862,170	30,021,667	474,015,025
\$/MWh	16.71	19.54	18.76	22.39	19.62	22.09	27.31	23.82	21.13	22.91	17.57	16.86	20.98
<u>NUCLEAR FUEL EXPENSE</u>													
POINT BEACH													
PB ENERGY (MWH)	765,576	691,488	764,959	737,176	757,920	554,331	757,920	745,248	360,515	403,962	740,880	765,576	8,045,551
PB \$ - TOTAL	3,656,673	3,294,917	3,671,736	3,551,150	3,569,173	3,451,896	3,569,173	3,569,173	2,436,781	1,868,414	3,248,783	3,626,971	39,514,840
\$/MWh	4.78	4.76	4.80	4.82	4.71	6.23	4.71	4.79	6.76	4.63	4.39	4.74	4.91
<u>TOTAL GENERATION</u>													
MWh	2,679,633	2,468,099	2,496,777	2,428,299	2,463,837	2,623,995	3,043,071	3,101,010	2,247,534	2,215,109	2,326,227	2,546,011	30,639,602
\$	35,633,812	38,012,556	36,165,894	41,414,223	37,038,369	49,174,560	65,986,939	59,692,939	42,306,304	43,354,955	31,100,953	33,648,638	513,529,865
\$/MWh	13.30	15.40	14.49	17.05	15.03	18.74	21.68	19.25	18.82	19.57	13.37	13.22	16.76

Wisconsin Electric Power Company
2006 FUEL RUN

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
PURCHASES													
LS POWER													
MWh	33,680	14,548	3,806	27,984	14,983	53,382	75,676	64,668	32,370	74,364	69,026	24,785	489,172
\$	5,628,056	4,551,697	3,937,158	5,166,869	4,444,047	6,571,384	7,930,414	7,233,375	5,424,570	7,773,126	7,882,501	5,177,987	71,421,184
\$/MWh	167.10	312.87	1,034.46	185.30	296.61	123.10	103.47	111.85	167.58	104.53	111.30	208.92	146.00
ALLIANT-NEENAH													
MWh	9,878	6,227	-	-	-	46,854	80,910	64,236	20,584	65,516	59,718	6,364	360,287
\$	1,907,296	1,743,102	1,212,250	1,212,250	1,236,469	5,125,774	7,443,439	6,661,257	2,881,946	6,388,250	5,975,657	1,950,147	43,737,840
\$/MWh	193.09	279.93	-	-	-	109.40	92.00	103.70	140.01	97.51	100.06	306.43	121.40
ZION ENERGY													
MWh	4,022	5,236	1,091	-	-	44,964	78,016	61,692	11,306	1,766	6,111	4,573	218,777
\$	2,640,142	2,783,114	2,294,577	2,183,243	2,183,243	8,743,583	12,043,165	10,492,555	3,360,736	2,386,851	2,838,119	2,700,351	54,648,688
\$/MWh	656.43	531.53	2,103.19	-	-	194.46	154.37	170.08	297.25	1,350.99	464.43	590.50	249.79
AMEREN - ELGIN													
MWh	-	-	-	-	-	3,908	8,868	3,388	571	-	-	-	16,735
\$	-	-	-	-	-	1,561,746	2,181,232	1,518,224	507,733	431,880	431,880	431,880	9,318,375
\$/MWh	-	-	-	-	-	399.63	245.97	448.12	889.20	-	-	-	555.82
MISO MARKET PURCHASES													
Market - MWh	2,773,294	2,502,953	2,661,272	2,461,883	2,624,127	2,927,621	3,183,866	3,129,263	2,696,020	2,662,585	2,546,200	2,768,115	32,858,200
Market - Energy \$	120,836,761	101,288,312	96,428,773	112,139,742	102,784,816	150,145,301	201,205,222	182,764,637	119,137,470	139,733,139	131,981,939	108,009,393	1,565,455,704
Market - \$/MWh	43.57	40.47	36.23	45.55	39.17	53.10	63.20	58.41	44.19	51.72	51.83	39.01	47.64
MISO MARKET SALES													
Market - MWh	2,723,191	2,488,874	2,500,584	2,456,183	2,478,820	2,724,232	3,189,656	3,229,914	2,300,488	2,354,989	2,454,971	2,577,160	31,489,061
Market - Energy \$	116,145,828	98,988,427	88,958,717	110,310,122	94,849,033	142,052,108	199,863,682	184,880,237	100,612,822	119,425,753	124,745,765	97,422,378	1,478,254,872
Market - \$/MWh	42.65	39.77	35.58	44.91	38.26	52.14	62.46	57.24	43.74	50.71	50.81	37.80	46.95
NET MISO TRANSACTIONS													
Market - MWh	50,103	14,079	160,688	5,700	145,307	103,389	(15,790)	(100,651)	395,532	327,596	91,229	191,955	1,369,139
Market - Energy \$	4,690,993	2,299,885	7,470,056	1,829,520	7,935,783	8,093,193	1,341,540	(2,115,400)	18,524,648	19,307,386	7,236,174	10,587,015	87,200,832
Market - \$/MWh	93.63	163.36	46.49	320.98	54.61	78.28	(84.96)	21.02	46.83	58.94	79.32	55.15	63.69
RENEWABLE PURCHASES													
Renewable Energy - MWh	33,034	28,837	33,034	31,968	33,034	33,034	33,034	33,034	31,968	33,034	31,968	32,893	387,806
Renewable - Energy \$	1,666,544	1,505,266	1,666,544	1,612,784	1,666,544	1,621,100	1,675,137	1,675,137	1,621,100	1,672,137	1,621,100	1,667,990	19,671,383
Renewable - Energy \$/MWh	50.45	52.20	50.45	50.45	50.45	50.71	50.71	50.71	50.71	50.62	50.71	50.71	50.72
Other Purchases - Fixed Pmnts - \$													
Point-to-Point Transmission - \$	220,833	220,833	220,833	240,033	259,473	259,473	278,673	278,673	259,473	240,033	220,833	34,000	2,920,000
	928,000	928,000	928,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000	3,090,000
Total Purchases													
MWh	130,717	68,927	198,619	65,552	193,324	284,465	260,714	126,367	492,331	502,276	258,052	260,570	2,841,916
\$	18,132,565	14,482,657	18,180,179	12,729,559	18,210,319	32,010,252	32,827,602	25,777,822	32,614,206	38,232,663	26,040,264	22,770,213	292,008,302
\$/MWh	138.72	210.12	91.53	194.19	94.20	112.53	125.91	203.99	66.24	76.12	100.91	87.39	102.75

Wisconsin Electric Power Company
2006 FUEL RUN

SALES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Non-Firm Sales to PJM Market													
MWh	4,022	5,236	1,091	-	-	48,872	86,884	65,080	11,877	1,766	6,111	4,573	235,512
\$	478,319	622,858	134,321	-	-	4,901,765	8,740,270	6,585,032	1,207,941	191,810	644,612	506,538	24,013,466
\$/MWh	118.93	118.96	123.12	-	-	100.30	100.60	101.18	101.70	108.61	105.48	110.77	101.96
Sales to Edison Sault under JOA													
JOA Total Energy - MWh	37,184	30,294	26,959	23,141	21,092	19,542	19,281	16,652	17,628	22,212	24,918	26,645	285,548
JOA Total Purchase - \$	1,952,712	1,649,535	1,539,557	1,375,046	1,301,234	1,455,924	1,454,378	1,347,366	1,171,744	1,367,394	1,459,822	1,547,900	17,629,612
JOA Total Purchase - \$/MWh	52.51	54.45	57.00	59.42	61.69	74.50	75.43	80.91	66.47	61.56	58.99	58.09	61.74
FIRM SALE TO EDISON SAULT													
Firm Edison Sault MWh	14,880	13,440	14,880	14,400	14,880	14,400	14,880	14,880	14,400	14,880	14,400	14,880	175,200
Firm Edison Sault - \$	758,891	657,066	653,849	744,890	680,941	818,792	991,467	918,010	725,765	872,993	850,561	691,424	9,364,649
Firm Edison Sault - \$/MWh	51.00	48.89	43.94	51.73	45.76	56.86	66.63	61.69	50.40	58.67	59.07	46.47	53.45
Total Sales													
MWh	56,086	48,970	42,930	37,541	35,972	82,814	121,045	96,612	43,905	38,858	45,429	46,098	696,260
\$	3,189,922	2,929,459	2,324,727	2,119,936	1,982,175	7,176,481	11,186,115	8,850,408	3,105,450	2,432,197	2,864,955	2,745,862	51,007,727
\$/MWh	56.86	59.82	54.15	56.47	55.10	86.66	92.41	91.61	70.73	62.59	65.27	59.57	73.26
Net Output													
MWh	2,754,264	2,488,056	2,652,466	2,456,310	2,621,189	2,825,646	3,182,739	3,130,765	2,695,960	2,678,527	2,538,850	2,760,484	32,785,258
Total \$	50,576,455	49,595,754	52,021,346	52,023,846	53,266,514	74,008,351	87,628,426	76,620,055	71,813,060	79,155,420	54,176,222	53,672,990	754,530,439
\$/MWh	18.35	19.92	19.61	21.18	20.32	26.19	27.53	24.47	26.64	29.55	21.34	19.44	23.01
MISO Energy Market Costs													
Less MISO - FTR - Allocations	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	50,805,550
MISO - Losses	4,176,331	3,164,832	2,421,017	2,751,994	2,779,136	4,536,899	6,879,586	5,418,954	3,078,644	4,058,270	4,280,274	3,286,412	46,832,347
Less MISO - Loss Distribution	3,476,294	2,634,342	2,015,205	2,290,704	2,313,296	3,776,423	5,726,429	4,510,628	2,562,601	3,378,022	3,562,814	2,735,543	38,982,302
MISO - Total Uplift costs	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	50,177,230
MISO - Administrative Costs	586,730	529,827	564,509	522,339	557,346	601,599	678,524	666,803	572,917	569,337	539,941	587,639	6,977,211
Total Open Market (MISO) Costs	1,234,408	1,007,956	917,960	931,288	970,825	1,309,715	1,779,322	1,522,569	1,036,600	1,197,224	1,204,941	1,086,148	14,189,935
Total NET OUTPUT and Open Market Costs													
MWh	2,754,264	2,488,056	2,652,466	2,456,310	2,621,189	2,825,646	3,182,739	3,130,765	2,695,960	2,678,527	2,538,850	2,760,484	32,785,258
Total \$	51,810,862	50,573,711	52,939,306	52,955,115	54,237,339	75,318,066	89,407,746	78,142,624	72,851,860	80,352,644	55,381,163	54,759,138	768,729,375
\$/MWh	18.81	20.33	19.96	21.56	20.69	26.66	28.09	24.96	27.02	30.00	21.81	19.84	23.45
NETWORK TRANSMISSION SERVICES													
Total \$	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	152,123,000
NOX REDUCTION COSTS													
Total \$	2,475,785	2,486,330	2,537,498	2,524,889	2,512,280	2,511,977	2,542,847	2,563,565	2,572,550	2,569,689	2,546,590	2,533,490	30,367,490
TOTAL POWER SUPPLY COSTS													
MWh	2,754,264	2,488,056	2,652,466	2,456,310	2,621,189	2,825,646	3,182,739	3,130,765	2,695,960	2,678,527	2,538,850	2,760,484	32,785,258
Total \$	66,863,564	65,736,957	68,153,720	68,156,921	69,426,536	90,506,960	104,627,512	93,383,105	88,101,127	95,589,250	70,604,670	69,989,545	951,219,866
\$/MWh	24.31	26.42	25.69	27.75	26.49	32.03	32.87	29.83	32.68	35.69	27.81	25.35	29.01

2.2
3.5
11.5

**2006
GENERATION BY FUEL TYPE**

	<u>Fuel Type</u>	<u>MWh</u>	<u>Quantity(1)</u>	<u>\$/Mbtu</u>	<u>\$000</u>
January	Coal	1,821,386	1,084	1	24,391
	Gas/Prop.	63,171	5,076	15	7,443
	Oil	810	68	15	142
	Nuclear	765,576		0	3,657
	Hydro	28,691			
	SYSTEM	2,679,633			35,634
February	Coal	1,616,800	964	1	21,906
	Gas/Prop.	129,614	9,346	14	12,697
	Oil	660	54	15	114
	Nuclear	691,488		0	3,295
	Hydro	29,538			
	SYSTEM	2,468,099			38,012
March	Coal	1,609,052	949	1	22,941
	Gas/Prop.	93,153	6,831	14	9,425
	Oil	753	62	15	128
	Nuclear	764,959		0	3,672
	Hydro	28,861			
	SYSTEM	2,496,777			36,165
April	Coal	1,421,740	816	1	21,377
	Gas/Prop.	222,839	15,761	10	16,353
	Oil	807	66	15	132
	Nuclear	737,176		0	3,551
	Hydro	45,738			
	SYSTEM	2,428,299			41,414
May	Coal	1,557,360	922	1	23,856
	Gas/Prop.	120,948	8,876	11	9,482
	Oil	810	67	14	131
	Nuclear	757,920		0	3,569
	Hydro	26,799			
	SYSTEM	2,463,837			37,038
June	Coal	1,848,757	1,093	1	28,661
	Gas/Prop.	191,848	16,756	10	16,863
	Oil	1,179	103	14	198
	Nuclear	554,331		0	3,452
	Hydro	27,880			
	SYSTEM	2,623,995			49,174
July	Coal	1,894,116	1,121	1	30,307
	Gas/Prop.	356,322	31,919	10	31,606
	Oil	2,939	263	14	505
	Nuclear	757,920		0	3,569
	Hydro	31,775			
	SYSTEM	3,043,071			65,987

(1) Fuel Units: Coal-1,000Tons; Gas-1,000,000cf; Oil-1,000Gal.

**2006
GENERATION BY FUEL TYPE**

	<u>Fuel Type</u>	<u>MWh</u>	<u>Quantity(1)</u>	<u>\$/Mbtu</u>	<u>\$000</u>
August	Coal	2,017,650	1,198	1	31,786
	Gas/Prop.	295,512	23,862	10	24,071
	Oil	1,577	137	14	265
	Nuclear	745,248		0	3,569
	Hydro	41,023			
	SYSTEM	3,101,010			59,692
September	Coal	1,671,643	988	1	26,213
	Gas/Prop.	170,483	12,844	11	13,487
	Oil	998	87	14	169
	Nuclear	360,515		0	2,437
	Hydro	43,896			
	SYSTEM	2,247,534			42,306
October	Coal	1,556,999	905	2	25,431
	Gas/Prop.	216,823	15,475	10	15,944
	Oil	679	57	14	111
	Nuclear	403,962		0	1,869
	Hydro	36,646			
	SYSTEM	2,215,109			43,355
November	Coal	1,548,232	914	2	25,803
	Gas/Prop.	7,250	780	25	1,923
	Oil	758	64	14	126
	Nuclear	740,880		0	3,249
	Hydro	29,107			
	SYSTEM	2,326,227			31,101
December	Coal	1,751,454	1,055	1	27,954
	Gas/Prop.	6,942	747	26	1,914
	Oil	918	77	15	153
	Nuclear	765,576		0	3,627
	Hydro	21,120			
	SYSTEM	2,546,011			33,648
Total	Coal	20,315,184	12,010	1	310,641
	Gas/Prop.	1,874,906	14,875	11	161,199
	Oil	12,888	1,103	14	2,175
	Nuclear	8,045,551		0	39,515
	Hydro	391,074			
	SYSTEM	30,639,602			513,530

(1) Fuel Units: Coal-1,000Tons; Gas-1,000,000cf; Oil-1,000Gal.

ANNUAL INTERCHANGE PURCHASES FOR 2006-2010

Dollars in (000)

<u>DESCRIPTION</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Firm Purchases - Specific					
LSP Whitewater LP					
GWh	489	459	332	206	233
Total Cost	\$ 71,421	\$ 72,348	\$ 62,757	\$ 57,292	\$ 56,114
Alliant Neenah LLC					
GWh	360	82	20	-	-
Total Cost	\$ 43,738	\$ 25,038	\$ 8,115	\$ -	\$ -
Zion Energy LLC					
GWh	219	219	158	156	156
Total Cost	\$ 54,649	\$ 48,171	\$ 34,477	\$ 20,182	\$ 20,238
Ameren - Elgin					
GWh	17	17	17	-	-
Total Cost	\$ 9,318	\$ 8,926	\$ 10,990	\$ -	\$ -
Ameren - System					
GWh	-	-	-	-	-
Total Cost	\$ 850	\$ 0	\$ -	\$ -	\$ -
LSP Whitewater Excess					
GWh	-				
Total Cost	\$ 270				
Firm Purchases - Undesignated					
GWh	0	0	0	0	0
Total Cost	\$ 1,800	\$ 21,155	\$ 27,148	\$ 17,625	\$ -
RENEWABLE ENERGY (COG)					
GWh	388	803	803	803	803
Total Cost	\$ 19,671	\$ 19,511	\$ 19,662	\$ 19,771	\$ 19,818
Net MISO Transactions					
GWh	1,369	1,659	1,192	1,975	1,644
Total Cost	\$ 87,201	\$ 135,857	\$ 110,176	\$ 174,674	\$ 142,298
Firm Transmission Service Cost					
PJM	\$ 3,090	\$ 358	\$ 358	\$ 358	\$ 358
Total Purchases					
GWh	2,842	3,239	2,522	3,140	2,836
Total Cost	292,008	331,364	273,682	289,902	238,826

ANNUAL INTERCHANGE SALES FOR 2006-2010
Dollars in (000)

<u>DESCRIPTION</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Firm Sales					
Edison Sault Electric Company					
GWh	461	475	490	505	557
Total Sales	26,995	27,702	29,212	28,308	28,778
Non-firm Sales					
Sales to PJM Market					
GWh	235	235	175	156	156
Total Sales	24,013	24,013	17,908	15,829	15,829
Total Sales					
GWh	696	710	665	661	713
Total Sales	51,008	51,715	47,120	44,137	44,607

Non-firm Sales are made in the MISO market and are included with non-firm purchases on page 1.

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2006

<u>PLANT</u>	<u>FUEL</u>	<u>GWH</u>	<u>GBTU</u>	<u>Cost</u> (\$000)	<u>\$/MWh</u>	<u>\$/MMBTU</u>
Oak Creek 5-8	Coal	6,831	66,341	90,705	13.28	1.37
Port Washington 2	Gas	1,591	11,249	124,715	78.37	11.09
Valley 1-2	Coal	1,396	19,832	46,718	33.46	2.36
Pleasant Prairie 1-2	Coal	8,111	88,041	96,978	11.96	1.10
Edgewater 5	Coal	579	6,005	8,059	13.92	1.34
Presque Isle 1-9	Coal	3,366	38,770	67,065	19.92	1.73
Milwaukee County	Coal	32	342	1,117	35.28	3.27
Auxiliary Fuel	Oil	10	111	1,607	164.71	14.51
Auxiliary Fuel	Gas	82	868	9,443	114.71	10.88
Combustion Turbine	Oil	3	40	568	179.83	14.07
	Gas	201	2,711	27,041	134.45	9.98
Point Beach 1-2	Nuclear	8,046	82,988	39,515	4.91	0.48
Hydro		391				
TOTAL GENERATION		30,640		513,530	16.76	
Purchase Energy		2,842		187,498	65.97	
Purchase Capacity				100,166		
Other Purchase Power costs (a)				1,254		
Transmission Services				3,090		
Sales Energy		696		46,213	66.40	
Sales Capacity				4,795		
NET OUTPUT		32,786		754,530	23.01	
Open Market (MISO) Costs				14,199		
Network Transmission Service				152,123		
NOx Reduction costs				30,368		
TOTAL POWER SUPPLY COSTS		32,785		951,220	29.01	

(a) Other costs include fixed natural gas pipeline costs for those plants with tolling agreements and a performance payment to Alliant for the Neenah Facility

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2007

<u>PLANT</u>	<u>FUEL</u>	<u>GWH</u>	<u>GBTU</u>	<u>Cost</u> (\$000)	<u>\$/MWh</u>	<u>\$/MMBTU</u>
Oak Creek 5-8	Coal	6,877	68,673	91,120	13.25	1.33
Port Washington 2	Gas	1,803	12,386	102,222	56.68	8.25
Valley 1-2	Coal	1,297	17,468	45,664	35.20	2.61
Pleasant Prairie 1-2	Coal	8,121	86,771	93,013	11.45	1.07
Edgewater 5	Coal	498	5,161	6,947	13.96	1.35
Presque Isle 1-9	Coal	3,407	38,612	71,648	21.03	1.86
Milwaukee County	Coal	52	564	1,597	30.57	2.83
Auxiliary Fuel	Oil	10	111	1,001	100.36	9.01
Auxiliary Fuel	Gas	79	838	6,559	82.81	7.83
Combustion Turbine	Oil	3	52	472	144.26	9.01
	Gas	44	2,717	10,299	235.40	3.79
Point Beach 1-2	Nuclear	8,155	84,209	44,118	5.41	0.52
Hydro		390				
TOTAL GENERATION		30,737		474,661	15.44	
Purchase Energy		3,239		216,383	63.40	
Purchase Capacity				113,313		
Other Purchase Power costs (a)				1,310		
Transmission Services (Gas & Electric)				358		
Sales Energy		710		46,920	66.08	
Sales Capacity				4,795		
NET OUTPUT		33,266		754,310	22.68	
Open Market (MISO costs)				14,203		
Network Transmission Service				187,459		
NOx Reduction costs				27,363		
TOTAL POWER SUPPLY COSTS		33,266		983,335	29.56	

(a) Other costs include fixed natural gas pipeline costs for those plants with tolling agreements and a performance payment to Alliant for the Neenah Facility

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2008

<u>PLANT</u>	<u>FUEL</u>	<u>GWH</u>	<u>GBTU</u>	<u>Cost</u> <u>(\$000)</u>	<u>\$/MWh</u>	<u>\$/MMBTU</u>
Oak Creek 5-8	Coal	7,020	70,237	98,140	13.98	1.40
Port Washington 1-2	Gas	2,793	19,132	131,247	46.99	6.86
Valley 1-2	Coal	1,394	18,621	45,036	32.31	2.42
Pleasant Prairie 1-2	Coal	8,011	85,641	94,806	11.83	1.11
Edgewater 5	Coal	515	5,337	6,894	13.40	1.29
Presque Isle 1-9	Coal	3,379	38,204	65,353	19.34	1.71
Milwaukee County	Coal	61	662	1,697	27.69	2.56
Auxiliary Fuel	Oil	10	110	638	64.37	5.80
Auxiliary Fuel	Gas	80	849	5,823	72.79	6.86
Combustion Turbine	Oil	3	44	255	85.00	5.80
	Gas	49	2,714	9,882	201.67	3.64
Joint Beach 1-2	Nuclear	8,275	84,207	44,622	5.39	0.53
Hydro		390				
TOTAL GENERATION		31,981		504,393	15.77	
Purchase Energy		2,522		168,688	63.40	
Purchase Capacity				103,881		
Other Purchase Power costs (a)				755		
Transmission Services				358		
Sales Energy		665		42,102	49.57	
Sales Capacity				5,018		
NET OUTPUT		33,838		730,955	20.28	
Open Market (MISO) Costs				14,203		
Network Transmission Service				196,269		
NOx Reduction costs				25,350		
TOTAL POWER SUPPLY COSTS		33,838		966,777	26.79	

(a) Other costs include fixed natural gas pipeline costs for those plants with tolling agreements and a performance payment to Alliant for the Neenah Facility

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2009

<u>PLANT</u>	<u>FUEL</u>	<u>GWH</u>	<u>GBTU</u>	<u>Cost</u> (\$000)	<u>\$/MWh</u>	<u>\$/MMBTU</u>
Oak Creek 5-8	Coal	6,420	64,184	91,422	14.24	1.42
Elm Road	Coal	1,570	16,433	32,184	20.50	1.96
Port Washington 1-2	Gas	2,643	18,073	119,047	45.04	6.59
Valley 1-2	Coal	1,122	15,623	38,610	34.40	2.47
Pleasant Prairie 1-2	Coal	7,855	84,067	95,252	12.13	1.13
Edgewater 5	Coal	496	5,145	6,836	13.78	1.33
Presque Isle 1-9	Coal	3,112	35,242	60,573	19.47	1.72
Milwaukee County	Coal	53	578	1,515	28.33	2.62
Auxiliary Fuel	Oil	9	101	439	48.17	4.33
Auxiliary Fuel	Gas	90	936	5,834	64.92	6.23
Combustion Turbine	Oil	1	11	64	68.40	5.76
	Gas	43	655	8,891	205.37	13.56
Point Beach 1-2	Nuclear	8,275	84,209	47,282	5.71	0.56
Hydro		390				
TOTAL GENERATION		32,080		507,950	15.83	
Purchase Energy		3,140		206,839	63.40	
Purchase Capacity				82,430		
Other Purchase Power costs (a)				275		
Transmission Services				358		
Sales Energy		660		38,963	59.03	
Sales Capacity				5,018		
NET OUTPUT		34,560		753,871	19.49	
Open Market (MISO) Costs				14,203		
Network Transmission Service				243,411		
NOx Reduction costs				23,464		
TOTAL POWER SUPPLY COSTS		34,560		1,034,949	26.69	

(a) Other costs include fixed natural gas pipeline costs for those plants with tolling agreements and a performance payment to Alliant for the Neenah Facility

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2010

<u>PLANT</u>	<u>FUEL</u>	<u>GWH</u>	<u>GBTU</u>	<u>Cost</u> (\$000)	<u>\$/MWh</u>	<u>\$/MMBTU</u>
Oak Creek 5-8	Coal	6,166	61,789	88,221	14.31	1.43
Elm Road	Coal	3,849	37,079	65,402	16.99	1.76
Port Washington 1-2	Gas	2,370	16,186	103,683	43.75	6.41
Valley 1-2	Coal	780	11,709	27,130	34.78	2.32
Pleasant Prairie 1-2	Coal	7,847	83,949	90,445	11.53	1.08
Edgewater 5	Coal	470	4,878	6,036	12.84	1.24
Presque Isle 1-9	Coal	2,844	32,394	53,899	18.95	1.66
Milwaukee County	Coal	47	511	1,349	28.52	2.64
Auxiliary Fuel	Oil	8	93	478	57.20	5.12
Auxiliary Fuel	Gas	87	891	5,309	61.26	5.96
Combustion Turbine	Oil	1	9	57	71.41	6.07
	Gas	26	400	6,579	255.53	16.44
Point Beach 1-2	Nuclear	8,256	84,209	46,623	5.65	0.55
Hydro		390				
TOTAL GENERATION		33,141		495,211	14.94	
Purchase Energy		2,836		187,565	63.40	
Purchase Capacity				64,734		
Other Purchase Power costs (a)				275		
Transmission Services				358		
Sales Energy		732		41,876	57.21	
Sales Capacity				2,575		
NET OUTPUT		35,245		703,692	19.49	
Open Market (MISO) Costs				14,203		
Network Transmission Service				269,194		
NOx Reduction costs				21,577		
TOTAL POWER SUPPLY COSTS		35,245		1,008,666	26.69	

(a) Other costs include fixed natural gas pipeline costs for those plants with tolling agreements and a performance payment to Alliant for the Neenah Facility

WISCONSIN ELECTRIC POWER COMPANY
PSCR PLAN COST COMPARISON

	PSCR Plan 2005			PSCR Plan 2006			Change from prior plan		
	Cost (\$)	Generation MWH	Cost \$/MWH	Cost (\$)	Generation MWH	Cost \$/MWH	Cost (\$)	Generation MWH	Cost \$/MWH
Electric Utility:									
Valley	27,014,624	994,707	27.16	48,181,745	1,405,557	34.28	21,167,121	410,850	7.12
Oak Creek	71,109,857	5,965,625	11.92	95,784,784	6,879,585	13.92	24,674,927	913,960	2.00
Pleasant Prairie	79,665,274	7,814,279	10.19	99,989,595	8,135,888	12.29	20,324,321	321,609	2.10
Edgewater 5	7,413,267	596,499	12.43	8,189,711	579,926	14.12	776,444	(16,573)	1.69
Milw. County	1,272,228	53,906	23.60	1,196,119	32,273	37.06	(76,109)	(21,633)	13.46
Presque Isle	45,934,427	2,799,465	16.41	68,348,950	3,374,033	20.26	22,414,523	574,568	3.85
Total Steam	232,409,677	18,224,481	12.75	321,690,904	20,407,262	15.76	89,281,227	2,182,781	3.01
Port Washington	52,786,072	1,077,385	48.99	124,715,172	1,591,432	78.37	71,929,100	514,047	29.38
Germantown	3,567,107	33,453	106.63	3,962,901	33,139	119.58	395,794	(314)	12.95
Concord	2,192,284	15,680	139.81	13,371,738	92,533	144.51	11,179,454	76,853	4.70
Paris	3,992,617	38,892	102.66	10,274,310	78,611	130.70	6,281,693	39,719	28.04
Other CT	1,339,487	16,007	83.68	-	-	#DIV/0!	(1,339,487)	(16,007)	#DIV/0!
Total Turbine	63,877,567	1,181,417	54.07	152,324,121	1,795,715	84.83	88,446,554	614,288	30.76
Nuclear	34,292,598	7,363,165	4.66	39,514,840	8,045,551	4.91	5,222,242	682,386	0.25
Hydro	-	404,954	-	-	391,074	-	-	(13,880)	-
Total Fuel	330,579,842	27,174,017	12.17	513,529,865	30,639,602	16.76	182,950,023	3,465,585	4.59
LS Power	80,504,404	748,041	107.62	71,421,184	489,172	146.00	(9,083,220)	(258,869)	38.38
Neenah	48,617,861	409,217	118.81	43,737,840	380,287	121.40	(4,880,021)	(48,930)	2.59
Zion & Elgin	59,594,044	417,069	142.89	63,967,064	235,512	271.61	4,373,020	(181,557)	128.72
Other	167,304,903	4,868,675	34.36	109,792,215	1,756,945	62.49	(57,512,688)	(3,111,730)	28.13
Subtotal Purchases	356,021,212	6,443,002	55.26	288,918,303	2,841,916	101.66	(67,102,909)	(3,601,086)	46.40
MISO Energy Market	-	-	-	14,198,935	-	-	14,198,935	-	-
Point-to-Point Transm.	13,090,530	-	-	3,080,000	-	-	(10,000,530)	-	-
Total Purchases	369,111,742	6,443,002	57.29	306,207,238	2,841,916	107.75	(62,904,504)	(3,601,086)	50.46
Fuel & Purchases	699,691,584	33,617,019	20.81	819,737,103	33,481,518	24.48	120,045,519	(135,501)	3.67
Less: Opportunity Sales	44,147,838	959,357	46.02	51,007,727	696,260	73.26	6,859,889	(263,097)	27.24
Net Output	655,543,746	32,657,662	20.07	768,729,376	32,785,258	23.45	113,185,630	127,596	3.38
Network Transmission	148,293,149	32,657,662	4.54	152,123,000	32,785,258	4.64	3,829,851	-	0.10
NOX Reduction costs	32,398,197	32,657,662	0.99	30,367,490	32,785,258	0.93	(2,030,707)	-	(0.06)
TOTAL System Costs	836,235,092	32,657,662	25.61	951,219,866	32,785,258	29.01	114,984,774	127,596	3.40
Loss Factor			1.06			1.06			1.06
Total PSCR Costs			27.15			30.75			3.60
Less: PSCR Base (Adjusted for losses)			14.62			14.62			
PSCR Factor (adjusted for losses)			12.53			16.13			

WISCONSIN ELECTRIC POWER COMPANY
Projected NOx Reduction Expense for Year 2006

	January	February	March	April	May	June	July	August	September	October	November	December	2005 Total
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Monthly Carrying Cost Amount	1,098,854	1,109,399	1,119,754	1,107,145	1,094,536	1,094,233	1,103,051	1,107,239	1,102,146	1,089,132	1,076,033	1,062,933	13,164,455
Monthly Depreciation Amount	1,314,948	1,314,948	1,355,761	1,355,761	1,355,761	1,355,761	1,377,813	1,394,343	1,408,420	1,408,573	1,408,573	1,408,573	16,459,235
Monthly O&M Expense	178,650	178,650	178,650	178,650	178,650	178,650	178,650	178,650	178,650	178,650	178,650	178,650	2,143,800
Total Company Revenue Requirement	2,592,452	2,602,997	2,654,165	2,641,556	2,628,947	2,628,644	2,659,514	2,680,232	2,689,216	2,676,355	2,663,256	2,650,156	31,767,490
Less: Amount in Base Rates	116,667	116,667	116,667	116,667	116,667	116,667	116,667	116,667	116,667	116,667	116,667	116,663	1,400,000
NET NOx REDUCTION EXPENSE	2,475,785	2,486,330	2,537,498	2,524,889	2,512,280	2,511,977	2,542,847	2,563,565	2,572,549	2,559,688	2,546,589	2,533,493	30,367,490

WISCONSIN ELECTRIC POWER COMPANY

COAL CONTRACT DATA

<u>Supplier Code</u>	<u>Contract Expiration Date</u>	<u>2006 Delivered Price c/Mbtu</u>
A	December 31, 2008	110.0
A	December 31, 2008	119.6
A	December 31, 2006	115.4
B	December 31, 2006	108.5
B	December 31, 2006	109.3
B	December 31, 2006	130.6
B	December 31, 2009	131.4
B	December 31, 2009	164.7
B	December 31, 2010	241.8 / 275.3
C	December 31, 2010	249.2 / 281.0
D	December 31, 2005	326.5

CAPACITY AND RESERVE REQUIREMENTS
FOR PEAK MONTH 2006 - 2010

<u>Line No.</u>	<u>Description</u>	<u>2006</u> (MW)	<u>2007</u> (MW)	<u>2008</u> (MW)	<u>2009</u> (MW)	<u>2010</u> (MW)
1.	Demand (a)	6,268	6,400	6,548	6,742	6,906
2.	Minimum Reserve Requirement (b)	1,127	1,151	1,177	1,212	1,241
3.	Demand w/Reserves (line 1 + line 2)	7,395	7,551	7,725	7,954	8,147
4.	Company Generation (c)	6,145	6,130	6,675	7,190	7,705
	Committed Long-term Capacity Purchases:					
	LSP-Whitewater	234	234	234	234	234
	Alliant Energy Neenah LLC	298	298			
	Zion Energy LLC	450	450	300	300	300
	LSP-Whitewater Excess	12				
	Amren Energy Marketing Inc. - Elgin	116	116	116		
	Amren Energy Marketing Inc. - System	50				
	Renewable Energy Sources	1	1	1	1	1
5.	Total Previously Committed Capacity Purchases	1,160	1,099	651	535	534
6.	Total Resources (line 4 + line 5)	7,305	7,229	7,326	7,725	8,239
7.	Total Committed Long-term Capacity above/(below) Minimum Reserve Requirement (line 6 - line 3)	(90)	(322)	(399)	(229)	92
	Undesignated Capacity Purchase(s):					
8.	Undesignated Capacity	95	326	404	235	-
9.	Total Capacity above/(below) Minimum Reserve Requirement (line 7 + line 8)	5	4	5	6	92

Notes:

(a) Based on System Demand Forecast 9/16/2004 (Net Native System plus total Firm Sales)

(b) Minimum Planning reserves at 18%

(c) Company owned/operated generating capacity and leased capacity

WISCONSIN ELECTRIC POWER COMPANY

**Total WE-Owned/Operated Capacity
(For Peak Month)**

<u>PLANT</u>	<u>2006</u> (MW)	<u>2007</u> (MW)	<u>2008</u> (MW)	<u>2009</u> (MW)	<u>2010</u> (MW)
Oak Creek 5-8	1,135	1,135	1,151	1,177	1,135
Valley 1-2	267	267	267	267	267
Pleasant Prairie 1-2	1,224	1,224	1,224	1,224	1,224
Edgewater 5	106	106	106	106	106
Presque Isle 1-9	618	618	618	618	618
Milwaukee County	10	10	10	10	10
Germantown 1-5	345	345	345	345	345
Concord 1-4	376	376	376	376	376
Paris 1-4	400	400	400	400	400
Other Combustion Turbines	38	38	38	38	38
Point Beach 1-2	1,026	1,026	1,026	1,026	1,026
Hydro	55	55	55	55	55
TOTAL GENERATION	5,600	5,600	5,616	5,642	5,600
System Upgrades and Retirement:					
Pleasant Prairie 1-2		(15)	(15)	(15)	(15)
Total WE-Owned Capacity	5,600	5,585	5,585	5,585	5,585
PTF Leased Units					
Port Washington Generating Station 1-2	545	545	1,090	1,090	1,090
Elm Road Generating Station				515	1,030
Total WE-Owned/Leased Operated Capacity	6,145	6,130	6,675	7,190	7,705

WISCONSIN ELECTRIC POWER COMPANY
 Major Nuclear Fuel Contracts and Supply Arrangements
 For the Period 2006 - 2010

<u>FUEL CYCLE SERVICE</u>	<u>SOURCE</u>	<u>PERCENT OF REQUIREMENTS*</u>	<u>EXPECTED DELIVERY YEARS</u>
U3O8 Supply	Energy Resources of Australia	38%	2006-2007
	UG U.S.A.	6%	2006
	Areva	8%	2006
	Not Under Contract (Spot Market or Option Under ERA Contract)	48%	2008-2010
UF6 Conversion	ConverDyn (NMC Contract)	16%	2006-2010
	UG U.S.A.	7%	2006
	Areva	8%	2006
	Not Under Contract (Spot Market)	69%	2007-2010
UF6 Enrichment	U.S. Enrichment Corp.	29%	2006
	Urenco	35%	2007-2010
	Not Under Contract (Spot Market)	36%	2007-2010
Fabrication	Westinghouse Electric Corp.	100%	2006-2010
Spent Fuel Disposal	U.S. Dept. of Energy	100%	2006-2010

* Based on the Company's total purchase requirements
 for the period 2006-2010.

WISCONSIN ELECTRIC POWER COMPANY
Development of 2006 Power Supply Cost Recovery Factors

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Total Power Supply Costs	66,963,565	65,736,957	68,153,721	68,156,920	69,428,535	90,506,960	104,627,512	93,383,106	88,101,125	95,589,249	70,604,668	69,969,546	951,219,864
2. Net System Requirements (MWH)	2,754,264	2,488,056	2,652,466	2,456,310	2,621,189	2,825,647	3,182,740	3,130,765	2,695,960	2,678,527	2,538,850	2,760,483	32,785,257
3. Average Power Supply Costs (\$/MWH)	24.31	26.42	25.69	27.75	26.49	32.03	32.87	29.83	32.68	35.69	27.81	25.35	29.01
4. Base Power Supply Costs	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79	13.79
5. Average Costs (Line 3 - 4)	10.52	12.63	11.90	13.96	12.70	18.24	19.08	16.04	18.89	21.90	14.02	11.56	15.22
6. Power Supply Costs Recovery Factor Adjusted for Losses (Line 5 * 1.06)	11.1512	13.3878	12.6140	14.7976	13.4620	19.3344	20.2248	17.0024	20.0234	23.2140	14.8612	12.2536	16.1332
7. Monthly Factors in Mills/kWh	11.15	13.39	12.61	14.80	13.46	19.33	20.22	17.00	20.02	23.21	14.86	12.25	16.13

WISCONSIN ELECTRIC POWER COMPANY
Anticipated Power Supply Costs and Net System Requirements
For Development of 2006 Power Supply Cost Recovery Factors

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SYSTEM COSTS FOR RECOVERY													
1. Fossil	26,199,308	23,480,203	24,335,068	22,459,052	24,807,424	29,582,210	31,300,058	32,846,714	27,199,546	26,510,171	27,095,169	29,618,840	325,533,763
2. Steam Transfer Credit	(718,248)	(598,548)	(493,452)	(406,442)	(281,996)	(211,660)	(169,922)	(197,078)	(236,118)	(321,892)	(539,364)	(864,259)	(5,038,978)
3. Electric Transfer Debit	19,956	8,867	88,130	107,802	96,823	116,313	132,833	141,705	115,919	128,083	127,594	112,294	1,196,119
4. Combustion Turbines	6,476,123	11,827,117	8,564,412	15,702,861	8,846,945	16,135,821	31,154,797	23,332,127	12,790,176	15,170,179	1,168,771	1,154,791	152,324,120
5. Nuclear	3,656,673	3,294,917	3,671,736	3,551,150	3,569,173	3,451,895	3,569,173	3,569,173	2,436,781	1,868,414	3,248,783	3,626,971	39,514,840
6. Generation Subtotal	35,633,812	38,012,596	36,165,864	41,414,223	37,038,369	49,174,560	65,988,939	59,692,641	42,806,304	43,354,955	31,100,953	33,848,638	513,529,864
7. Purchased Power	19,366,973	15,460,613	19,098,139	13,660,827	19,181,144	33,319,967	34,606,924	27,300,391	33,650,806	39,429,867	27,245,205	23,856,361	306,207,237
8. External Sales	(3,189,922)	(2,929,459)	(2,324,727)	(2,119,936)	(1,982,175)	(7,176,481)	(11,189,119)	(8,850,408)	(3,105,450)	(2,432,197)	(2,964,995)	(2,745,862)	(51,007,727)
9. Net Output	51,810,863	50,573,710	52,939,306	52,955,114	54,237,338	75,318,056	89,407,748	78,142,624	72,851,560	80,352,645	55,381,163	54,759,137	768,729,374
10. Network Transmission Service	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,917	12,676,916	12,676,916	12,676,916	12,676,916	152,123,000
11. Net NOx Reduction costs	2,475,785	2,486,330	2,537,498	2,524,889	2,512,280	2,511,977	2,542,847	2,563,565	2,572,549	2,559,688	2,546,589	2,533,493	30,367,490
12. Total Power Supply Costs	66,963,565	65,736,957	68,153,721	68,155,920	69,426,535	90,505,960	104,627,512	93,383,106	88,101,125	95,589,249	70,604,668	69,969,546	951,219,864
NET SYSTEM REQUIREMENT													
13. Fossil	1,829,207	1,623,817	1,616,140	1,428,697	1,564,178	1,857,192	1,902,591	2,026,531	1,679,361	1,564,966	1,555,724	1,758,859	20,407,263
14. Combustion Turbine	56,159	123,256	86,817	216,688	114,940	184,593	350,785	288,208	163,762	209,535	516	456	1,795,715
15. Nuclear	765,576	691,488	764,959	737,176	757,920	554,331	757,920	745,248	360,515	403,962	740,880	765,576	8,045,551
16. Hydraulic	28,691	29,538	28,861	45,738	26,799	27,880	31,775	41,023	43,896	36,646	29,107	21,120	391,074
17. Alternate	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Generation Subtotal	2,679,633	2,468,099	2,496,777	2,428,299	2,463,837	2,623,995	3,043,071	3,101,010	2,247,534	2,215,109	2,326,227	2,545,011	30,639,603
19. Purchased Power	130,717	68,927	198,619	65,552	193,324	284,465	260,714	126,367	492,331	502,276	258,052	260,570	2,841,914
20. External Sales	(56,086)	(48,970)	(42,830)	(37,541)	(35,972)	(82,814)	(121,045)	(96,612)	(43,905)	(38,868)	(45,429)	(46,099)	(696,260)
21. Inadvertent	0	0	0	0	0	0	0	0	0	0	0	0	0
22. Total Net System Requirements	2,754,264	2,488,056	2,652,466	2,456,310	2,621,189	2,825,647	3,182,740	3,130,765	2,695,960	2,678,527	2,538,850	2,760,483	32,785,257

WISCONSIN ELECTRIC POWER COMPANY

M.P.S.C. No. 2 – Electric
(PSCR Change)

Eighty-Seventh Revised Sheet No. 4
Cancels **Eighty-Sixth** Revised Sheet No. 4

CLASS OF SERVICE: TABLE OF CONTENTS – CHECK LIST

EFFECTIVE IN ALL AREAS SERVED IN MICHIGAN

TABLE OF CONTENTS – CHECK LIST

<u>Sheet No.</u>	<u>Effective Date</u>
First Revised 1	July 1, 1987
Second Revised 2	April 22, 2003
Sixth Revised 3	January 1, 2002
Original 3.1	January 1, 2002
Eighty-Seventh Revised 4	January 2006 billing month
Thirteenth Revised 5	April 22, 2003
Twenty-First Revised 6	April 22, 2003
Tenth Revised 6.1	April 22, 2003
Original 6.2	January 1, 2002
First Revised 7	January 1, 1989
Second Revised 8	July 9, 1993
First Revised 9	January 1, 1989
Second Revised 10	July 9, 1993
Second Revised 11	September 16, 2002
Original 12	June 3, 1986
First Revised 13	September 29, 1993
Fifth Revised 14	September 16, 2002
Forty-Eighth Revised 15	January 2006 billing month
Seventeenth Revised 16	November 2005 billing month
First Revised 16.1	April 22, 2003
Eighth Revised 17	September 16, 2002
Sixth Revised 18	April 22, 2003
Eighth Revised 19	September 16, 2002
Fifth Revised 20	April 22, 2003
First Revised 21	January 1, 2002
First Revised 22	January 1, 2002
First Revised 23	January 1, 2002
Third Revised 24	January 1, 2002
Third Revised 25	January 1, 2002
Third Revised 26	January 1, 2002
Eighth Revised 27	September 16, 2002
Fourth Revised 28	April 22, 2003
Third Revised 29	September 16, 2002
Eighth Revised 30	April 22, 2003
Third Revised 31	January 1, 2002

Issued **12-16-05** by
Roman Draba
Vice President
Milwaukee, Wisconsin

Effective: **see above**
Issued under authority of the
Section 6j(9) of 1982 PA 304
For implementing in Case No. **U-14707**

WISCONSIN ELECTRIC POWER COMPANY

M.P.S.C. No. 2 – Electric
(PSCR Change)

Forty-Eighth Revised Sheet No. 15
Cancels **Forty-seventh** Revised Sheet No. 15

CLASS OF SERVICE: POWER SUPPLY COST RECOVERY (CONTINUED)

EFFECTIVE IN ALL AREAS SERVED IN MICHIGAN

(Continued from Sheet No. 14)

<u>Month</u>	<u>PSCR Factor</u> <u>\$ per kWh</u>	<u>Month</u>	<u>PSCR Factor</u> <u>\$ per kWh</u>
January 2006	0.01613	July 2006	0.01613
February 2006	0.01613	August 2006	0.01613
March 2006	0.01613	September 2006	0.01613
April 2006	0.01613	October 2006	0.01613
May 2006	0.01613	November 2006	0.01613
June 2006	0.01613	December 2006	0.01613

Parentheses indicate a credit factor. Should the company apply lesser factors than those above or if the factors are later revised pursuant to commission orders or 1982 PA 304, the company will notify the commission if necessary and file a revision of the above list.

B. Monthly Reports:

Not more than 45 days following the last day of each month in which a PSCR Factor has been applied to customers' bills, the company shall file with the commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest commission order for the company and the cost of power supply.

C. Annual Reconciliation:

All power supply revenues received by the company, whether included in base rates or collected pursuant to a PSCR clause, shall be subject to annual reconciliation with the cost of power supply. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in section 6j(12) to (18) of 1939 PA 3, as amended.

(Continued to Sheet No. 16)

Issued **12-16-05** by
Roman Draba
Vice President
Milwaukee, Wisconsin

Effective for bills rendered on and after
the first billing cycle of **January 2006**
Issued under authority of the
Section 6j(9) of 1982 PA 304
For implementing in Case No. **U-14707**

CAPACITY AND RESERVE REQUIREMENTS
FOR PEAK MONTH JULY 2006

	Description	2006 (MW)
1	Demand (a)	6,268
2	Minimum Reserve Requirement (b)	1,127
3	Demand w/Reserves (1 + 2)	7,395
4	Company Generation (c)	5,600
5	Company Leased Capacity (d)	545
	Committed Long-term Capacity Purchases	
	LSP-Whitewater	234
	Alliant Energy Neenah, LLC	298
	Zion Energy LLC	450
	Ameren Energy Marketing Company - Elgin	116
	LSP-Whitewater - Excess Capacity	12
	Ameren Energy Marketing Company - System	50
	Renewable Energy Sources	1
6	Total Committed Capacity Purchases	1,160
7	Total Resources (4 + 5+ 6)	7,305
8	Capacity above/(below) Minimum Reserve Requirement - Long-Term Capacity Purchases (7-3)	-90
9	Planned Capacity Purchases	95
10	Total Capacity above/(below) Minimum Reserve Requirement (8 + 9)	5

(a) Based on System Demand Forecast 9/16/2004 (Net Native System Demand & Total Firm Sales)

(b) Minimum Planning reserves at 18%

(c) Company owned generating capacity

(d) Port Washington Generating Station Unit 2 was placed in service in July 2005.

The Company is leasing this facility from WE Power.

WISCONSIN ELECTRIC POWER COMPANY

Supplier	2006 During Year	2006 CAPACITY MW	2006 CAPACITY \$	\$/kw -mo	MW/h	2006 ENERGY \$	\$/MWh	Other Costs (a) \$	Total Capacity and Energy \$
<u>Long-term Capacity & Energy Agreements (1)</u>									
LS Power Whitewater LP	12 Months	234.0	43,861,290	15.62	489,172	27,559,894	56.34	0	71,421,184
Alliant Energy Neenah, LLC	12 Months	298.0	14,047,020	3.93	360,287	29,052,729	80.64	638,091	43,737,840
Zion Energy, LLC (2)	12 Months	450.0			218,777			508,522	54,648,689
Ameren Energy Marketing Co. - Elgin (3)	12 Months	116.0			16,735			107,190	9,318,375
Ameren Energy Marketing Co. - System (4)	12 Months	50.0			0	0	0.00	0	850,000
LS Power Whitewater LP - Excess (3)	7 Months	12.0			0	0	0.00	0	270,000
Uncommitted long term-purchase	12 months				0	0	0	0	
Renewable Energy(Wis. Act 204 & Act 9)	12 Months	1.0	0	0.00	387,806	19,671,383	50.72	0	19,671,383
Total Long-Term Capacity & Energy Agreements			100,166,195		1,472,777	100,297,473	68.10	1,253,803	201,717,471
Net Energy Purchase from MISO net of energy sales					1,369,139	87,200,832	63.69	0	87,200,832
Total Purchase Power Costs \$			100,166,195		2,841,916	187,498,305	65.98	1,253,803	288,918,303
Total Purchase Power Costs \$/MWh									101.66

(a) Other Costs include fixed natural gas pipeline costs for those facilities with toll agreements and a performance payment to Alliant for the Neenah Facility.

- (1) Agreements under contract or planned
(2) This is protected material pursuant to the January 17, 2003 Protective Order entered in Case Nos. U-13556 and U-13545.
(3) This is protected material pursuant to the April 20, 2004 Protective Order entered in Case Nos. U-13907.
(4) This is protected material pursuant to the March 24, 2005 Protective Order entered in Case Nos. U-14264.

WISCONSIN ELECTRIC POWER COMPANY

Power Purchase Agreements

Supplier	Transmission Path	Total Capacity and Energy \$	2006 Transmission Cost	2006 Grand Total
<u>Long-term Capacity & Energy Agreements (1)</u>				
LS Power Whitewater LP	(ATC) - MISO (Part of Network Service)	71,421,184	0	71,421,184
Alliant Energy Neenah, LLC	(ATC) - MISO (Part of Network Service)	43,737,840	0	43,737,840
Zion Energy, LLC (2)	PJM - (Point-to-Point)	54,648,689	2,394,414	57,043,103
Ameren Energy Marketing Co. - Elgin (3)	PJM - (Point-to-Point)	9,318,375	695,586	10,013,961
Ameren Energy Marketing Co. - System (4)	(ATC) - MISO (Part of Network Service)	850,000	0	850,000
LS Power Whitewater LP - Excess (3)	(ATC) - MISO (Part of Network Service)	270,000	0	270,000
Uncommitted long term-purchase	(ATC) - MISO (Part of Network Service)		0	
Renewable Energy (Wis. Act 204 & Act 9)	No Transmission Path Required	19,671,383	0	19,671,383
Total Long-Term Capacity & Energy Agreements		201,717,471	3,090,000	204,807,471

Net Energy Purchase from MISO net of energy sales

87,200,832 0 87,200,832

Total Purchase Power Costs \$

288,918,303 3,090,000 292,008,303

Total Purchase Power Costs \$/MWh

102.75

WISCONSIN ELECTRIC POWER COMPANY

Power Sales Agreements									
BUYER	Duration During Year	2005		\$/kw -mo	ENERGY		\$/MWh	Total Capacity and Energy \$	
		MW	CAPACITY \$		MWh	\$			
<u>Firm Contracts Capacity and Energy</u>									
Edison Sault Electric Co. Firm Sale Agreement	12 Months	20.0	1,560,000	6.50	175,200	7,804,649	44.55	9,364,649	
Edison Sault Electric Co. JOA	12 Months	49.0	3,234,980	4.50	285,548	14,394,632	50.41	17,629,612	
Total Firm Sales Capacity and Energy		69.0	4,794,980	5.79	460,748	22,199,281	48.18	26,994,261	
Non-firm PJM Market Sales (a)					235,512	24,013,466	0.00	24,013,466	
Total Sales \$			4,794,980		696,260	46,212,747	66.37	51,007,727	
Total Sales \$/MWh									73.26

(a) Non-firm MISO Market sales are included as an offset to MISO market purchases on page 1

1 negotiation process the Company utilized in connection with
2 entering into each of these agreement.

3 A. Yes. My Exhibit A-__ (PDS-2) lists and summarizes the demand
4 and energy charges and the transmission costs associated with
5 each of the long-term power purchase agreements. I will
6 discuss each of these agreements at this time.

7 LSP-Whitewater, L.P. - Original Agreement: The Whitewater
8 Cogeneration Facility, owned by LSP-Whitewater, L.P. began
9 commercial operations on September 17, 1997. For 2005,
10 Wisconsin Electric has exclusive rights to the output, which
11 varies from 234 MW during July to 236.5 MW at other times
12 during the year, from this natural gas-fired combined cycle
13 power plant as part of a twenty-five year power purchase
14 agreement. Capacity charges are set by contract for the term
15 of the agreement. Energy is fully dispatchable by Wisconsin
16 Electric at a cost set by a gas index formula and a fixed heat
17 rate. Section 6j(13)(b) approval was granted for this
18 contract in Case No.U-13266 in the Michigan Public Service
19 Commission's ("Commission") March 12, 2003 order.

20 Alliant Energy Neenah, LLC: The Alliant Neenah Power Plant,
21 (formerly Mirant Neenah, LLC Neenah Power Plant) began
22 commercial operations in 2000 and consists of two natural gas-
23 fired combustion turbines. The power purchase agreement is a
24 tolling agreement wherein Wisconsin Electric supplies natural
25 gas to the power plant that Alliant Energy Neenah, LLC owns
26 and operates. Wisconsin Electric has exclusive rights to the
27 298 MW (summer peak rating) output of the generating station,
28 throughout the eight-year term of the agreement. Energy is

1 fully dispatchable by Wisconsin Electric. Section 6j(13)(b)
2 approval was granted for this contract in Case No. U-13266 in
3 the Commission's March 12, 2003 order.

4 Zion Energy, LLC(Units 1 & 2): The Zion facility, located in
5 the City of Zion in Lake County, Illinois, began commercial
6 operation on June 1, 2002. This facility originally consisted
7 of two natural gas-fired combustion turbines. The contract is
8 a fuel conversion services agreement wherein Wisconsin
9 Electric supplies natural gas to the power plant that Zion
10 Energy LLC built, owns and operates. Wisconsin Electric has
11 exclusive rights to energy from the two 150 MW generating
12 units as part of a ten-year agreement. Energy is fully
13 dispatchable by Wisconsin Electric. Section 6j(13)(b) approval
14 was granted for this contract in Case No. U-13266 in the
15 Commission's March 12, 2003 order.

16 Zion Energy, LLC(Unit 3): On August 20, 2002, the Company
17 entered into a letter agreement to amend its fuel conversion
18 services agreement with Zion Energy, LLC to obtain energy from
19 a third unit at the Zion facility, located in the City of Zion
20 in Lake County, Illinois. This third unit is a natural gas-
21 fired combustion turbine, which began commercial operation on
22 June 1, 2003. Wisconsin Electric has exclusive rights to the
23 capacity and energy from this 150 MW generating unit for a
24 five-year period, with an option to extend the term one or two
25 additional years. The energy is fully dispatchable by
26 Wisconsin Electric. The Company entered into this fuel
27 conversion services agreement in order to meet the firm
28 capacity requirements associated with the Company's customers'

1 growing demand for power. Section 6j(13)(b) approval was
2 granted for this contract in Case No. U-13556 in the
3 Commission's January 22, 2004 order.
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13 Ameren Energy Marketing Company - Elgin: On April 17, 2003,
14 the Company entered into a fuel conversion services agreement
15 with Ameren Energy Marketing to obtain energy from the Elgin
16 Energy Center, located in the City of Elgin in Cook County,
17 Illinois. This unit is a natural gas-fired simple cycle
18 combustion turbine, which as of June 1, 2004, provides
19 capacity and energy to the Company. Wisconsin Electric has
20 exclusive rights to the capacity and energy from this 116 MW
21 generating unit for a five-year period. The energy is fully
22 dispatchable by Wisconsin Electric. The Company entered into
23 this fuel conversion services agreement in order to meet the
24 firm capacity requirements associated with its customers'
25 growing demand for power. Section 6j(13)(b) approval was
26 granted for this contract in Case No. U-13907 in the
27 Commission's April 20, 2004 order.

1 Ameren Energy Marketing Company - System On September 3, 2004,
2 Wisconsin Electric entered into a purchase power agreement
3 with Ameren for the purchase of 50 MW of electrical capacity
4 and energy. This capacity and energy is being provided from
5 the Ameren system and is not tied to any specific facility.
6 This agreement is for a period beginning October 1, 2004 and
7 ending December 31, 2006, and has capacity charges exceeding
8 six months. Throughout 2004, the Company reviewed its options
9 for capacity and energy resources for the summer 2005 peak
10 period. The Company reviewed proposals from three suppliers
11 for capacity and energy. This agreement was entered into
12 because its capacity price was lower than the other suppliers
13 and the proposal matched the Company's rights to firm
14 transmission system service. Section 6j(13)(b) approval for
15 this agreement is being sought in this case.

16 LSP-Whitewater, L.P. - Excess Agreement, On February 17, 2003,
17 Wisconsin Electric amended and restated its Electric Capacity
18 and Energy Sales Agreement with LSP-Whitewater, L.P. for the
19 purchase of 12 MW of excess electrical capacity and energy
20 from the LSP-Whitewater facility. This agreement is for a
21 five year period beginning April 1, 2003, providing energy and
22 capacity from April 1 through October 31 of each year and has
23 capacity charges exceeding six months. The LSP-Whitewater
24 facility has a total capacity of 248.5 MW of which, as
25 previously stated, the Company has exclusive rights to 236.5MW
26 under the existing Power Purchase Agreement. Section 5.1d(iv)
27 of the Power Purchase Agreement provides that if LSP-
28 Whitewater chooses to sell the 12 MW of excess capacity and

1 energy in the marketplace, the Company has the opportunity to
2 match any offer received from a third party and take the
3 excess energy and capacity. Section 6j(13)(b) approval was
4 granted for this contract in Case No. U-13907 in the
5 Commission's April 20, 2004 order.

Summary of Open Market Transactions (MISO)

	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Total
MISO MARKET PURCHASES													
Market - MWh	2,773,294	2,502,953	2,661,272	2,461,883	2,624,127	2,827,621	3,183,866	3,129,263	2,696,020	2,682,585	2,546,200	2,769,115	32,858,200
Market - Energy \$ (a)	120,836,761	101,288,312	96,428,773	112,139,742	102,784,816	150,145,301	201,205,222	182,764,837	118,137,470	138,733,139	131,981,939	108,009,393	1,555,455,704
Market - \$/MWh	43.57	40.47	36.23	45.55	39.17	53.10	63.20	58.41	44.19	51.72	51.83	39.01	47.64
MISO MARKET SALES													
Market - MWh	2,723,191	2,488,874	2,500,584	2,456,183	2,478,820	2,724,232	3,199,656	3,229,914	2,300,488	2,364,989	2,454,971	2,577,160	31,489,061
Market - Energy \$	116,145,828	98,988,427	88,958,717	110,310,122	94,849,033	142,062,108	199,863,682	184,880,237	100,612,822	119,425,753	124,745,765	97,422,378	1,478,254,872
Market - \$/MWh	42.65	39.77	35.58	44.91	38.26	52.14	62.46	57.24	43.74	50.71	50.81	37.80	46.95
NET MISO ENERGY TRANSACTIONS													
Market - MWh	50,103	14,079	160,688	5,700	145,307	103,389	-15,790	-100,651	395,532	327,597	91,229	191,955	1,369,139
Market - Energy \$	4,690,933	2,299,865	7,470,056	1,829,620	7,935,783	8,063,193	1,341,540	-2,115,400	18,524,648	19,307,386	7,236,174	10,587,014	87,203,832
Market - \$/MWh	93.63	163.36	46.49	320.98	54.61	78.28	-84.96	21.02	46.63	58.94	79.32	55.15	63.69
Less MISO - FTR - Revenue	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	4,233,796	50,805,550
MISO - Losses	4,176,331	3,164,832	2,421,017	2,751,994	2,779,138	4,536,899	6,879,586	5,418,954	3,078,644	4,058,270	4,280,274	3,286,412	46,832,347
Less MISO - Loss Distribution	3,476,284	2,634,342	2,015,205	2,290,704	2,313,286	3,776,423	5,728,429	4,510,628	2,562,601	3,378,022	3,562,814	2,735,543	38,982,302
Net Losses	700,037	530,490	405,811	461,290	465,859	760,476	1,153,157	908,326	516,043	680,248	717,460	550,869	7,850,045
MISO - Total Uplift costs	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	4,181,436	50,177,230
MISO - Administrative Costs	586,730	529,827	564,509	522,339	557,346	601,599	678,524	666,603	572,917	569,337	539,841	587,539	6,977,211
	5,925,341	3,307,841	8,388,016	2,760,888	8,906,608	9,402,908	3,120,861	-592,831	19,561,248	20,504,610	8,441,115	11,673,162	101,399,768

(a) Includes Congestion Costs of \$52,200,000

WISCONSIN ELECTRIC POWER COMPANY

MICHIGAN PUBLIC SERVICE COMMISSION
CASE NO. U-14707

Tilden Mining Company L.C.'s Third Discovery Request

TM-WE-051: Please admit that Market Participants with both generation and load may self-supply load rather than purchase energy from the MISO market.

Response: This statement is not true. A Self Scheduled Resource is a Generation Resource that is scheduled by a Market Participant and controlled by the same Market Participant under the overall coordination of MISO. Self-scheduling of generation simply sets the generation output at a pre-determined level and does not allow MISO to issue dispatch instructions contrary to the self-scheduled levels. The generator is paid the Locational Marginal Price (LMP) at the generator commercial price (CP) node. The Market Participant's load pays the LMP (including congestion and losses) at the load zone CP node. A Self-Scheduled Resource is a price-taker. MISO FERC Tariff 1.282. Any time there is a difference between the generator LMP and the load zone LMP the Market Participant does not perfectly self-supply its load.

Answered by: Dave Sims

Dated: February 13, 2006

U-14707
Exh A-17

WISCONSIN ELECTRIC POWER COMPANY

MICHIGAN PUBLIC SERVICE COMMISSION
CASE NO. U-14707

Tilden Mining Company L.C.'s Third Discovery Request

TM-WE-054: Please explain the accounting method that WEPCo uses to record the settlement of transactions with MISO.

Response: The Company records the settlement of MISO transactions on an accrual basis based on daily settlement statements received from MISO. Purchase and sales transaction are netted on an hourly basis. The transactions are recorded as an expense in FERC account 555 (Purchased Power) or as a deferred balance sheet item or are recorded in an escrow account as ordered by the Public Service Commission of Wisconsin. For Michigan jurisdiction, all MISO costs are included in the current month's expense.

Answered by: Steve Aronson/Tom Lorden

Dated: February 10, 2006