

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/20/2008

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	57.92	55.21	49.38	48.87	48.50	52.16	58.15	59.10	61.01	65.73	66.04	71.48	64.91	62.69	61.44	63.50	78.74	101.30	95.40	85.80	78.81	69.62	63.65	64.51
61757	3.28	3.13	2.88	2.90	3.05	3.00	3.40	3.45	3.51	3.84	3.97	3.73	3.79	3.77	3.20	3.54	4.53	5.64	5.57	5.54	4.74	4.43	4.55	4.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	53.87	51.41	45.66	45.28	44.68	48.62	54.21	55.15	56.99	61.46	61.20	68.23	61.61	59.33	58.47	59.96	74.65	96.81	90.81	81.23	74.81	66.04	59.87	61.07
61754	-0.76	-0.68	-0.84	-0.69	-0.77	-0.54	-0.55	-0.50	-0.52	-0.43	-0.87	0.47	0.49	0.41	0.23	0.00	0.45	1.15	0.99	0.96	0.74	0.85	0.77	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	58.24	55.63	49.62	48.87	48.32	52.56	58.70	60.10	62.10	66.79	66.97	72.70	66.50	64.28	63.01	65.00	80.15	103.31	97.28	87.25	79.92	70.99	64.54	65.12
61760	3.61	3.54	3.12	2.90	2.86	3.39	3.94	4.45	4.60	4.89	4.90	4.95	5.38	5.36	4.78	5.04	5.94	7.65	7.46	6.98	5.85	5.80	5.44	4.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	52.89	50.78	44.97	44.64	43.91	47.64	53.06	53.54	55.09	59.67	59.34	68.02	61.37	58.86	58.18	59.66	74.73	97.00	90.81	81.15	74.88	66.10	59.69	61.31
61753	-1.75	-1.30	-1.53	-1.33	-1.55	-1.52	-1.70	-2.11	-2.42	-2.23	-2.73	0.27	0.24	-0.06	-0.06	-0.30	0.52	1.34	0.99	0.88	0.81	0.91	0.59	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	54.04	51.41	45.94	45.46	44.95	48.62	54.21	55.04	56.87	61.28	61.51	66.87	59.90	57.62	57.36	59.12	73.24	94.32	88.48	78.74	72.95	63.69	57.33	58.66
61844	-0.60	-0.68	-0.56	-0.51	-0.50	-0.54	-0.55	-0.61	-0.63	-0.62	-0.56	-0.88	-1.22	-1.30	-0.87	-0.84	-0.96	-1.34	-1.35	-1.53	-1.11	-1.50	-1.77	-1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	57.97	55.37	49.38	48.68	48.14	52.26	58.32	59.49	61.70	66.35	66.47	72.09	65.95	63.69	62.43	64.46	79.63	102.55	96.56	86.52	79.32	70.47	64.13	64.75
61758	3.33	3.28	2.88	2.71	2.68	3.10	3.56	3.84	4.20	4.46	4.41	4.34	4.83	4.77	4.19	4.50	5.42	6.89	6.74	6.26	5.26	5.28	5.02	4.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	59.23	56.83	50.64	49.69	49.41	53.93	60.24	60.66	61.87	66.92	72.96	77.65	67.60	65.35	63.83	71.10	85.10	104.84	100.11	91.54	85.59	78.01	71.03	66.33
61762	4.59	4.74	4.14	3.72	3.95	4.77	5.48	5.01	4.37	5.01	6.39	6.50	6.48	6.42	5.59	6.48	8.09	9.18	9.88	9.31	8.07	7.56	6.74	5.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.50	-3.39	0.00	-0.01	-0.01	-4.66	-2.80	0.00	-0.40	-1.97	-3.46	-5.25	-5.19	-0.01
MHK VL	55.18	52.35	46.73	46.29	45.73	49.51	55.31	56.49	58.65	63.13	63.18	69.11	62.16	60.04	59.11	60.68	75.47	97.19	91.26	81.71	75.40	66.76	60.29	61.19
61756	0.55	0.26	0.23	0.32	0.27	0.34	0.55	0.83	1.15	1.24	1.12	1.36	1.04	1.12	0.87	0.72	1.26	1.53	1.44	1.44	1.33	1.56	1.18	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	58.14	55.52	49.52	48.77	48.18	52.46	58.43	59.99	61.93	66.60	66.78	72.36	66.26	64.10	62.72	64.70	79.92	103.12	96.92	87.01	79.69	70.73	64.36	64.99
61759	3.50	3.44	3.02	2.80	2.73	3.29	3.67	4.34	4.43	4.70	4.72	4.61	5.13	5.18	4.48	4.74	5.71	7.46	7.10	6.74	5.63	5.54	5.26	4.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	58.74	56.10	50.08	49.28	48.73	53.00	59.14	60.55	62.62	67.34	67.54	73.32	67.07	64.81	63.53	65.54	80.74	103.98	97.91	88.24	80.58	71.71	65.19	65.72
61761	4.10	4.01	3.58	3.31	3.27	3.83	4.38	4.90	5.12	5.45	5.46	5.56	5.93	5.89	5.30	5.58	6.53	8.32	8.08	7.71	6.52	6.52	6.09	5.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00
NORTH	53.49	50.57	45.43	44.91	44.45	48.13	53.88	54.70	56.87	61.28	61.51	66.67	59.59	57.33	57.07	58.52	72.50	93.46	87.49	77.78	72.21	63.04	56.27	57.63
61755	-1.15	-1.51	-1.07	-1.06	-1.00	-1.03	-0.88	-0.95	-0.63	-0.62	-0.56	-1.08	-1.53	-1.59	-1.16	-1.44	-1.71	-2.20	-2.34	-2.49	-1.85	-2.15	-2.84	-2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	57.14	53.49	49.43	48.82	48.32	52.12	58.04	59.16	61.18	65.61	65.85	71.28	65.16	62.98	61.79	63.74	73.25	81.11	79.87	73.69	78.36	69.62	63.42	56.00
61845	3.11	3.13	2.93	2.85	2.86	2.95	3.29	3.51	3.68	3.71	3.79	3.52	4.03	4.07	3.55	3.78	4.38	5.93	5.57	5.38	4.30	4.43	4.31	3.98
	0.61	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.34	20.48	15.53	11.95	0.00	0.00	0.00	8.33

OH 61846	50.49 -4.15 0.00	48.60 -3.49 0.00	42.97 -3.53 0.00	42.66 -3.31 0.00	42.00 -3.45 0.00	45.58 -3.59 0.00	50.65 -4.11 0.00	49.92 -5.73 0.00	50.26 -7.25 0.00	54.53 -7.37 0.00	54.31 -7.76 0.00	65.31 -2.44 0.00	58.92 -2.20 0.00	56.62 -2.30 0.00	55.90 -2.33 0.00	57.32 -2.64 0.00	71.46 -2.75 0.00	92.41 -3.25 0.00	86.77 -3.05 0.00	77.61 -2.65 0.00	71.55 -2.52 0.00	63.56 -1.63 0.00	57.80 -1.30 0.00	59.74 -0.60 0.00
PJM 61847	50.32 -4.32 0.00	45.21 -6.88 0.00	47.01 0.51 0.00	46.38 0.41 0.00	45.82 0.36 0.00	46.41 -2.75 0.00	55.80 1.04 0.00	56.88 1.22 0.00	58.60 1.09 0.00	54.10 -7.80 0.00	63.00 0.93 0.00	55.77 2.10 14.08	54.95 2.57 8.74	50.77 2.59 10.74	50.00 2.10 10.33	49.69 2.22 12.49	62.24 2.75 14.71	82.95 -5.45 7.26	73.00 -6.02 10.81	66.77 3.45 16.94	63.00 2.74 13.81	55.00 3.00 13.19	45.00 2.72 16.82	41.55 -0.18 18.62
WEST 61752	50.98 -3.66 0.00	49.06 -3.02 0.00	43.38 -3.12 0.00	43.12 -2.85 0.00	42.41 -3.05 0.00	46.17 -3.00 0.00	51.36 -3.40 0.00	50.86 -4.79 0.00	51.29 -6.21 0.00	55.83 -6.07 0.00	55.30 -6.77 0.00	31.02 -1.08 35.65	27.73 -1.04 32.35	29.20 -1.18 28.54	27.70 -1.34 29.20	27.00 -1.50 31.46	31.63 -1.11 41.46	35.00 -1.05 59.61	35.00 -0.99 53.84	35.00 -0.72 44.54	35.00 -0.81 38.25	31.43 -0.20 33.56	40.60 -0.59 17.91	60.11 -0.24 0.00