

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/15/2003

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	46.61	41.90	40.74	39.38	42.67	49.17	56.67	66.71	68.92	71.57	68.00	66.13	64.22	59.33	51.07	63.23	64.81	94.89	79.17	72.83	65.90	67.35	50.61	51.26
61757	1.71	1.50	1.49	1.43	1.59	1.65	2.52	3.29	3.29	3.44	3.19	2.84	2.68	2.60	2.12	2.58	3.02	4.46	3.94	3.62	2.92	3.16	2.52	2.22
	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	43.39	38.97	37.71	36.52	39.58	46.42	53.03	62.71	64.68	67.07	63.85	62.57	60.93	55.99	48.33	59.83	60.64	88.80	73.99	68.15	62.05	63.14	47.03	47.14
61754	-1.51	-1.43	-1.54	-1.43	-1.50	-1.10	-1.12	-0.71	-0.95	-1.06	-0.96	-0.72	-0.61	-0.74	-0.62	-0.82	-1.15	-1.63	-1.24	-1.06	-0.93	-1.05	-1.06	-1.90
	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	47.37	42.66	41.49	40.07	43.38	49.56	57.29	67.03	69.63	72.49	68.89	67.09	65.05	60.08	51.84	64.05	65.99	96.40	80.57	74.12	67.01	68.43	51.50	52.33
61760	2.47	2.26	2.24	2.12	2.30	2.04	3.14	3.61	4.00	4.36	4.08	3.80	3.51	3.35	2.89	3.40	4.20	5.97	5.34	4.91	4.03	4.24	3.41	3.29
	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	42.27	38.19	36.85	35.64	38.47	46.12	51.70	62.42	64.24	66.57	63.75	62.78	61.14	55.95	48.33	59.88	60.52	88.56	73.56	68.47	62.12	63.43	46.88	45.54
61753	-2.63	-2.21	-2.40	-2.31	-2.61	-1.40	-2.45	-1.00	-1.39	-1.56	-1.06	-0.51	-0.40	-0.78	-0.62	-0.77	-1.27	-1.87	-1.67	-0.74	-0.86	-0.76	-1.21	-3.50
	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	44.99	40.44	39.37	38.06	41.16	47.62	54.15	63.17	65.30	67.79	64.42	62.91	61.23	56.45	48.71	60.47	61.54	90.07	74.70	68.66	62.73	63.68	47.71	48.99
61844	0.09	0.04	0.12	0.11	0.08	0.10	0.00	-0.25	-0.33	-0.34	-0.39	-0.38	-0.31	-0.28	-0.24	-0.18	-0.25	-0.36	-0.53	-0.55	-0.25	-0.51	-0.38	-0.05
	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	46.78	42.14	40.96	39.57	42.83	48.93	56.53	65.86	68.29	71.03	67.60	65.83	63.86	58.97	50.91	62.92	64.81	94.59	79.09	72.90	65.98	67.22	50.62	51.74
61758	1.88	1.74	1.71	1.62	1.75	1.41	2.38	2.44	2.66	2.90	2.79	2.54	2.32	2.24	1.96	2.27	3.02	4.16	3.86	3.69	3.00	3.03	2.53	2.70
	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	48.01	43.57	42.39	40.90	44.11	50.16	57.57	69.39	72.47	74.40	70.48	69.36	67.31	62.17	55.00	66.14	68.33	99.30	85.10	75.43	69.12	70.50	53.36	52.91
61762	3.11	3.17	3.14	2.95	3.03	2.63	3.42	5.90	6.65	5.97	5.46	5.85	5.52	5.12	4.74	5.21	6.13	8.75	7.97	6.07	5.92	6.21	4.37	3.87
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.07	-0.19	-0.30	-0.21	-0.22	-0.25	-0.32	-1.31	-0.28	-0.41	-0.12	-1.90	-0.15	-0.22	-0.10	-0.90	0.00
MHK VL	44.66	40.09	38.97	37.68	40.82	47.41	54.41	64.17	66.18	68.68	65.29	63.77	61.99	57.07	49.22	61.06	62.27	91.50	76.12	69.95	63.56	64.61	48.07	48.83
61756	-0.24	-0.31	-0.28	-0.27	-0.26	-0.11	0.26	0.75	0.55	0.55	0.48	0.48	0.45	0.34	0.27	0.41	0.48	1.07	0.89	0.74	0.58	0.42	-0.02	-0.21
	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	46.76	42.16	40.98	39.58	42.82	48.92	56.50	66.05	68.61	71.43	67.95	66.10	64.15	59.25	51.13	63.16	65.12	95.08	79.51	73.19	66.16	67.52	50.85	51.73
61759	1.86	1.76	1.73	1.63	1.74	1.40	2.35	2.63	2.98	3.30	3.14	2.81	2.61	2.52	2.18	2.51	3.33	4.65	4.28	3.98	3.18	3.33	2.76	2.69
	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
N.Y.C.	47.96	43.19	41.97	40.55	43.91	50.17	57.91	72.87	83.60	83.60	84.50	83.57	83.52	83.46	83.38	84.76	95.52	105.71	89.90	85.50	83.60	76.27	70.23	53.03
61761	3.06	2.79	2.72	2.60	2.83	2.65	3.76	4.14	4.53	4.94	4.65	4.31	4.04	3.84	3.34	3.91	4.70	6.75	6.00	5.52	4.57	4.81	3.83	3.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.31	-13.44	-10.53	-15.04	-15.97	-17.94	-22.89	-31.09	-20.20	-29.03	-8.53	-8.67	-10.77	-16.05	-7.27	-18.31	0.00
NORTH	44.73	40.16	39.14	37.83	40.95	47.34	54.03	63.21	65.22	67.61	64.27	62.77	61.10	56.32	48.59	60.50	61.52	90.12	74.72	68.57	62.75	63.49	47.44	48.81
61755	-0.17	-0.24	-0.11	-0.12	-0.13	-0.18	-0.12	-0.21	-0.41	-0.52	-0.54	-0.52	-0.44	-0.41	-0.36	-0.15	-0.27	-0.31	-0.51	-0.64	-0.23	-0.70	-0.65	-0.23
	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	46.83	42.18	40.98	39.62	42.89	49.23	56.70	66.46	68.71	71.47	67.92	66.20	64.25	59.45	51.25	63.44	65.00	94.86	79.22	72.88	66.00	67.40	50.73	51.54
61845	1.93	1.78	1.73	1.67	1.81	1.71	2.55	3.04	3.08	3.34	3.11	2.91	2.71	2.72	2.30	2.79	3.21	4.43	3.99	3.67	3.02	3.21	2.64	2.50
	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

PJM 61846	40.28 -4.62 0.00	36.28 -4.12 0.00	34.89 -4.36 0.00	33.85 -4.10 0.00	36.68 -4.40 0.00	43.58 -3.94 0.00	47.65 -6.50 0.00	57.65 -5.77 0.00	60.51 -5.12 0.00	62.61 -5.52 0.00	59.76 -5.05 0.00	58.67 -4.62 0.00	57.17 -4.37 0.00	52.08 -4.65 0.00	44.94 -4.01 0.00	55.74 -4.91 0.00	55.80 -5.99 0.00	82.56 -7.87 0.00	68.61 -6.62 0.00	63.53 -5.68 0.00	57.56 -5.42 0.00	59.44 -4.75 0.00	43.91 -4.18 0.00	43.01 -6.03 0.00
PJM 61847	40.50 -4.40 0.00	36.32 -4.08 0.00	34.27 -4.98 0.00	33.51 -4.44 0.00	36.48 -4.60 0.00	43.67 -3.85 0.00	50.90 -3.25 0.00	62.09 -1.33 0.00	64.65 -0.98 0.00	66.84 -1.29 0.00	63.25 -1.56 0.00	61.90 -1.39 0.00	60.06 -1.48 0.00	54.91 -1.82 0.00	47.53 -1.42 0.00	58.59 -2.06 0.00	58.45 -3.34 0.00	86.45 -3.98 0.00	72.07 -3.16 0.00	66.23 -2.98 0.00	60.08 -2.90 0.00	61.49 -2.70 0.00	44.34 -3.75 0.00	43.40 -5.64 0.00
WEST 61752	40.47 -4.43 0.00	36.42 -3.98 0.00	34.91 -4.34 0.00	33.90 -4.05 0.00	36.78 -4.30 0.00	43.85 -3.67 0.00	48.58 -5.57 0.00	59.31 -4.11 0.00	62.14 -3.49 0.00	64.24 -3.89 0.00	61.25 -3.56 0.00	60.09 -3.20 0.00	58.51 -3.03 0.00	53.30 -3.43 0.00	46.04 -2.91 0.00	57.08 -3.57 0.00	56.94 -4.85 0.00	84.36 -6.07 0.00	70.12 -5.11 0.00	64.89 -4.32 0.00	58.77 -4.21 0.00	60.59 -3.60 0.00	44.45 -3.64 0.00	43.28 -5.76 0.00