

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/20/2011

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	34.17	31.15	29.55	29.93	29.36	30.38	31.06	33.19	38.46	39.35	40.36	39.19	38.92	37.31	35.66	35.58	36.35	38.86	43.48	63.77	55.44	43.15	37.18	34.88
61757	1.25	1.28	1.03	1.23	1.18	1.20	1.22	1.37	1.59	1.94	2.10	1.83	1.68	1.37	1.21	1.17	1.20	1.82	1.73	2.55	2.14	2.21	1.46	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.76	-17.20	-12.85	0.00	0.00	0.00
CENTRL	32.89	29.72	28.32	28.52	28.00	29.13	29.75	31.57	36.58	37.25	37.49	37.21	37.06	35.73	34.28	34.24	34.94	36.78	33.17	46.30	42.20	41.02	35.86	33.53
61754	-0.03	-0.15	-0.20	-0.17	-0.17	-0.06	-0.09	-0.25	-0.29	-0.15	-0.04	-0.15	-0.19	-0.22	-0.17	-0.17	-0.21	-0.26	0.06	0.31	0.28	0.08	0.14	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	-1.97	-1.47	0.00	0.00	0.00
DUNWOD	35.65	32.34	30.57	31.10	30.48	31.49	32.34	34.69	40.19	41.37	42.15	41.25	40.93	39.18	37.45	37.40	38.28	40.82	42.93	62.06	54.83	45.36	38.82	36.26
61760	2.73	2.48	2.05	2.41	2.31	2.31	2.51	2.86	3.32	3.96	4.08	3.89	3.69	3.23	3.00	2.99	3.13	3.78	3.45	4.84	4.53	4.42	3.11	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.49	-13.20	-9.86	0.00	0.00	0.00
GENESE	31.87	28.52	27.21	27.29	26.79	27.99	28.46	30.01	34.88	35.64	35.82	35.60	35.42	34.22	32.94	32.96	33.68	35.19	31.83	44.31	40.33	39.30	34.64	32.15
61753	-1.05	-1.34	-1.31	-1.41	-1.38	-1.20	-1.37	-1.81	-1.99	-1.76	-1.68	-1.76	-1.83	-1.73	-1.52	-1.45	-1.48	-1.85	-1.02	-1.23	-1.25	-1.64	-1.07	-1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-1.53	-1.14	0.00	0.00	0.00
H Q	32.53	29.51	28.35	28.35	28.35	28.35	29.45	31.41	36.43	36.65	36.65	36.65	36.65	35.55	34.11	34.06	34.80	36.65	36.65	37.09	39.23	38.30	36.65	33.23
61844	-0.40	-0.36	-0.17	-0.34	-0.31	-0.35	-0.39	-0.41	-0.44	-0.75	-0.79	-0.71	-0.60	-0.40	-0.34	-0.34	-0.35	-0.63	-0.80	-1.23	-1.21	-1.06	-0.64	-0.40
	0.00	0.00	0.00	0.00	-0.49	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-5.46	5.70	0.00	1.58	-1.58	0.00
HUD VL	35.59	32.31	30.60	31.08	30.45	31.49	32.34	34.62	40.15	41.18	42.03	41.10	40.82	39.07	37.35	37.30	38.14	40.64	42.60	61.77	54.57	45.28	38.75	36.19
61758	2.67	2.45	2.08	2.38	2.28	2.31	2.51	2.80	3.28	3.78	3.97	3.74	3.58	3.13	2.89	2.89	2.99	3.59	3.26	4.80	4.45	4.34	3.04	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.35	-12.95	-9.67	0.00	0.00	0.00
LONGIL	36.85	33.09	31.37	32.56	31.89	32.63	34.29	36.91	42.37	43.96	46.04	43.80	43.54	41.59	40.00	39.96	41.57	48.20	53.43	67.00	56.41	47.30	41.21	37.51
61762	3.92	3.23	2.85	3.87	3.72	3.44	3.49	4.07	4.79	5.57	5.65	5.42	5.18	4.60	4.20	4.20	4.46	5.11	4.73	6.65	6.11	6.02	4.39	3.87
	-0.01	0.00	0.00	0.00	0.00	0.00	-0.96	-1.01	-0.71	-0.99	-2.95	-1.02	-1.11	-1.05	-1.34	-1.35	-1.95	-6.04	-16.71	-16.33	-9.86	-0.35	-1.11	-0.01
MHK VL	33.45	30.31	28.86	29.12	28.59	29.68	30.34	32.36	37.61	38.22	38.51	38.14	37.99	36.55	35.07	34.99	35.65	37.60	33.83	47.23	42.99	41.84	36.32	34.10
61756	0.53	0.45	0.34	0.43	0.42	0.50	0.51	0.54	0.74	0.82	0.97	0.78	0.74	0.61	0.62	0.58	0.49	0.56	0.64	1.10	0.97	0.90	0.61	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-2.11	-1.58	0.00	0.00	0.00
MILLWD	35.59	32.31	30.52	31.02	30.43	31.44	32.31	34.62	40.19	41.29	42.12	41.21	40.90	39.14	37.38	37.33	38.21	40.75	42.90	62.11	54.83	45.32	38.79	36.22
61759	2.67	2.45	2.00	2.32	2.25	2.25	2.48	2.80	3.32	3.89	4.04	3.85	3.65	3.20	2.93	2.92	3.06	3.70	3.39	4.84	4.49	4.38	3.07	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.52	-13.24	-9.89	0.00	0.00	0.00
N.Y.C.	36.02	32.65	30.81	31.34	30.74	31.70	32.59	34.91	40.48	41.71	42.46	41.56	41.25	39.50	37.73	37.68	38.56	41.16	43.23	62.67	55.20	45.70	39.10	36.60
61761	3.09	2.78	2.28	2.64	2.56	2.51	2.74	3.09	3.61	4.30	4.38	4.18	3.99	3.52	3.24	3.23	3.37	4.11	3.74	5.24	4.89	4.75	3.36	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-0.02	-0.02	-0.03	-0.04	-0.04	-0.03	0.00	-7.50	-13.41	-9.87	-0.01	-0.03	0.00
NORTH	32.30	29.33	28.15	28.21	27.69	28.69	29.33	31.28	36.43	36.65	36.72	36.72	36.69	35.55	34.08	34.10	34.80	36.34	31.16	42.83	39.11	39.79	34.89	32.99
61755	-0.63	-0.54	-0.37	-0.49	-0.48	-0.50	-0.51	-0.54	-0.44	-0.75	-0.71	-0.64	-0.56	-0.40	-0.38	-0.31	-0.35	-0.70	-0.83	-1.19	-1.33	-1.15	-0.82	-0.64
	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	34.67	31.54	29.89	30.33	29.75	30.76	31.51	33.73	39.01	40.02	40.95	39.90	39.59	37.96	36.28	36.23	37.05	39.52	48.80	57.04	54.95	42.89	38.71	35.31
61845	1.74	1.67	1.37	1.64	1.58	1.58	1.67	1.91	2.14	2.62	2.77	2.54	2.35	2.01	1.83	1.82	1.90	2.48	2.34	3.26	2.95	2.95	2.00	1.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.47	-9.76	-11.55	1.00	-1.00	0.00

OH 61846	30.91 -2.01 0.00	27.83 -2.03 0.00	26.55 -1.97 0.00	26.60 -2.09 0.00	26.14 -2.03 0.00	27.32 -1.87 0.00	27.51 -2.33 0.00	28.48 -3.34 0.00	32.67 -4.20 0.00	33.25 -4.15 0.00	33.37 -4.16 -0.09	33.32 -4.03 0.00	33.26 -3.99 0.00	32.17 -3.77 0.00	31.04 -3.41 0.00	31.04 -3.37 0.00	31.74 -3.41 0.00	32.86 -4.19 0.00	35.79 -2.91 -6.71	35.92 -4.18 3.92	37.77 -4.00 -1.33	35.68 -4.26 1.00	34.00 -2.71 -1.00	30.61 -3.03 0.00
PJM 61847	32.23 -0.69 0.00	31.00 1.13 0.00	29.41 0.88 0.00	29.78 1.09 0.00	29.21 1.04 0.00	30.27 1.08 0.00	31.00 1.16 0.00	33.00 1.18 0.00	38.23 1.36 0.00	39.16 1.76 0.00	39.71 1.83 -0.44	39.08 1.72 0.00	38.85 1.60 0.00	37.27 1.33 0.00	35.73 1.27 0.00	35.65 1.24 0.00	36.42 1.27 0.00	38.67 1.63 0.00	44.53 1.60 -10.94	49.74 2.29 -3.43	49.49 2.14 -6.90	41.99 2.05 1.00	38.14 1.43 -1.00	34.64 1.01 0.00
WEST 61752	31.54 -1.38 0.00	28.31 -1.55 0.00	26.98 -1.54 0.00	27.09 -1.61 0.00	26.59 -1.58 0.00	27.82 -1.37 0.00	28.11 -1.73 0.00	29.21 -2.61 0.00	33.66 -3.21 0.00	34.30 -3.10 0.00	34.50 -3.03 -0.10	34.37 -2.99 0.00	34.30 -2.94 0.00	33.14 -2.80 0.00	31.97 -2.48 0.00	31.90 -2.51 0.00	32.62 -2.53 0.00	33.89 -3.15 0.00	31.08 -2.05 -1.14	43.16 -2.86 -2.00	39.15 -2.79 -1.50	37.87 -3.07 0.00	33.86 -1.86 0.00	31.31 -2.32 0.00