

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/25/2011

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	30.46	28.68	28.68	28.40	27.96	33.67	38.85	40.41	37.44	39.25	40.45	41.22	39.87	40.21	39.40	38.82	41.78	42.37	53.44	52.13	44.21	38.18	34.36	32.19
61757	0.63	0.59	0.51	0.47	0.63	0.69	1.02	1.06	1.06	1.29	1.33	1.43	1.31	1.36	1.22	1.20	1.33	1.43	2.10	2.01	1.41	1.15	0.71	0.22
	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	29.95	28.23	28.40	28.18	27.41	33.14	37.94	39.43	36.49	37.96	39.04	39.67	38.48	38.77	38.18	37.58	40.37	40.69	50.93	49.83	42.62	36.99	33.82	32.42
61754	0.12	0.14	0.23	0.25	0.08	0.16	0.11	0.08	0.11	0.00	-0.08	-0.12	-0.08	-0.08	0.00	-0.04	-0.08	-0.25	-0.41	-0.30	-0.17	-0.04	0.17	0.45
	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	31.62	29.66	29.61	29.27	28.75	34.82	40.55	42.30	39.22	41.15	42.50	43.23	41.94	42.25	41.43	40.85	43.93	44.50	55.85	54.49	46.30	39.84	35.60	33.50
61760	1.79	1.57	1.44	1.34	1.42	1.85	2.72	2.95	2.84	3.19	3.36	3.42	3.35	3.38	3.25	3.23	3.48	3.56	4.52	4.36	3.51	2.81	1.95	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.03	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	28.76	27.22	27.84	27.68	26.46	32.15	36.69	38.36	35.55	36.82	37.75	38.24	37.17	37.49	37.08	36.33	39.11	39.34	49.03	47.97	41.12	36.03	33.24	32.13
61753	-1.07	-0.87	-0.34	-0.25	-0.87	-0.82	-1.13	-0.98	-0.84	-1.14	-1.37	-1.55	-1.39	-1.36	-1.11	-1.28	-1.33	-1.60	-2.31	-2.16	-1.67	-1.00	-0.40	0.16
	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
H Q	29.83	28.09	28.17	27.93	27.33	32.97	37.83	39.35	36.38	37.96	39.12	39.79	38.56	38.85	38.18	37.61	40.45	40.94	51.34	50.13	42.79	37.03	33.65	31.97
61844	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
	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	31.80	29.86	29.84	29.52	29.00	35.08	40.82	42.57	39.29	41.23	42.51	43.28	41.94	42.26	41.47	40.88	43.92	44.54	56.06	54.74	46.43	39.96	35.73	33.73
61758	1.97	1.77	1.66	1.59	1.67	2.11	2.99	3.23	2.91	3.26	3.40	3.50	3.39	3.42	3.28	3.27	3.48	3.60	4.72	4.61	3.64	2.93	2.09	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	35.78	33.42	31.33	31.03	31.93	36.07	44.16	47.51	44.17	44.72	48.23	49.00	49.00	47.39	47.50	47.28	45.44	46.69	66.59	61.10	50.98	44.19	41.96	37.01
61762	2.86	2.67	2.51	2.37	2.35	3.10	4.27	4.33	4.18	4.63	4.69	4.74	4.63	4.66	4.47	4.48	4.77	4.99	6.21	6.02	5.01	4.00	2.99	2.69
	-3.08	-2.66	-0.65	-0.73	-2.25	0.00	-2.06	-3.84	-3.60	-2.13	-4.42	-4.47	-5.81	-3.88	-4.85	-5.19	-0.22	-0.76	-9.04	-4.96	-3.18	-3.16	-5.32	-2.36
MHK VL	30.16	28.48	28.54	28.35	27.77	33.60	38.66	40.41	37.29	38.68	39.86	40.55	39.29	39.51	38.87	38.25	41.21	41.80	52.21	50.98	43.82	37.81	34.29	32.61
61756	0.33	0.39	0.37	0.42	0.44	0.63	0.83	1.06	0.91	0.72	0.74	0.76	0.73	0.66	0.69	0.64	0.77	0.86	0.87	0.85	1.03	0.78	0.64	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
MILLWD	31.53	29.61	29.53	29.21	28.70	34.75	40.51	42.26	39.15	41.04	42.34	43.07	41.73	42.05	41.31	40.73	43.80	44.38	55.80	54.44	46.26	39.77	35.53	33.44
61759	1.70	1.52	1.35	1.28	1.37	1.78	2.69	2.91	2.77	3.07	3.25	3.30	3.20	3.22	3.13	3.12	3.36	3.44	4.47	4.31	3.47	2.74	1.88	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	31.93	29.92	29.84	29.49	28.98	35.12	40.78	42.69	39.64	42.95	45.77	46.25	46.08	45.72	43.55	43.25	46.00	46.10	56.35	55.02	47.88	43.20	35.91	33.80
61761	2.09	1.83	1.66	1.56	1.64	2.14	2.95	3.34	3.24	3.57	3.76	3.82	3.70	3.73	3.63	3.65	3.88	3.97	5.08	4.96	3.94	3.15	2.25	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.42	-2.90	-2.64	-3.82	-3.14	-1.74	-1.99	-1.67	-1.19	0.06	0.07	-1.15	-3.02	0.00	0.00
NORTH	27.66	26.68	26.82	26.92	26.49	31.89	36.43	38.17	34.38	34.28	35.64	36.61	35.20	35.28	34.90	34.27	37.09	37.99	45.74	44.51	40.48	35.18	32.20	31.14
61755	-2.18	-1.40	-1.35	-1.01	-0.85	-1.09	-1.40	-1.18	-2.00	-3.68	-3.48	-3.18	-3.35	-3.57	-3.28	-3.35	-3.36	-2.95	-5.60	-5.61	-2.31	-1.85	-1.45	-0.83
	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	30.91	29.04	29.02	28.74	28.26	34.09	39.49	40.96	38.02	39.90	41.19	41.94	40.60	40.95	40.13	39.57	42.59	43.15	54.26	52.89	44.89	38.73	34.76	32.67
61845	1.07	0.96	0.85	0.81	0.93	1.12	1.66	1.61	1.64	1.94	2.07	2.15	2.04	2.10	1.95	1.96	2.14	2.21	2.93	2.76	2.10	1.70	1.11	0.70
	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

O H 61846	28.70 -1.13 0.00	27.05 -1.04 0.00	27.53 -0.65 0.00	27.37 -0.56 0.00	26.21 -1.12 0.00	31.52 -1.45 0.00	35.33 -2.50 0.00	36.63 -2.71 0.00	33.95 -2.44 0.00	35.00 -2.96 0.00	35.60 -3.52 0.00	36.17 -3.62 0.00	35.13 -3.43 0.00	35.43 -3.42 0.00	35.13 -3.05 0.00	34.53 -3.08 0.00	36.93 -3.52 0.00	37.01 -3.93 0.00	45.43 -5.90 0.00	44.71 -5.41 0.00	38.86 -3.94 0.00	34.36 -2.67 0.00	32.20 -1.45 0.00	31.62 -0.35 0.00
PJM 61847	30.55 0.72 0.00	28.71 0.62 0.00	28.82 0.65 0.00	28.54 0.61 0.00	27.85 0.52 0.00	33.70 0.73 0.00	39.00 1.17 0.00	40.33 0.98 0.00	37.37 0.98 0.00	39.08 1.10 -0.02	40.43 1.06 -0.26	41.11 1.07 -0.24	39.99 1.08 -0.35	40.21 1.09 -0.27	39.31 1.11 -0.02	38.72 1.09 -0.02	41.63 1.13 -0.05	42.00 1.06 0.00	52.35 1.13 0.11	51.25 1.25 0.13	43.73 1.07 0.14	37.92 0.89 0.00	34.19 0.54 0.00	32.67 0.70 0.00
WEST 61752	29.18 -0.66 0.00	27.53 -0.56 0.00	28.06 -0.11 0.00	27.90 -0.03 0.00	26.68 -0.66 0.00	32.25 -0.73 0.00	36.50 -1.32 0.00	37.62 -1.73 0.00	34.89 -1.49 0.00	36.06 -1.90 0.00	36.69 -2.43 0.00	37.24 -2.55 0.00	36.17 -2.39 0.00	36.48 -2.37 0.00	36.16 -2.02 0.00	35.58 -2.03 0.00	38.02 -2.43 0.00	38.07 -2.87 0.00	46.87 -4.47 0.00	46.17 -3.96 0.00	40.05 -2.74 0.00	35.22 -1.81 0.00	32.77 -0.87 0.00	32.26 0.29 0.00