

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/16/2013

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	34.78	32.11	29.13	29.16	30.31	34.62	36.58	37.98	38.89	40.44	43.26	44.03	44.20	44.84	44.48	45.48	45.76	44.14	41.35	42.99	46.81	41.33	36.38	34.73
61757	2.00	1.70	1.47	1.47	1.50	1.83	1.64	2.12	2.34	2.40	2.57	2.65	2.62	2.70	2.64	2.70	2.71	2.69	2.52	2.55	2.86	2.38	1.93	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61754	33.33	30.71	27.94	27.91	29.07	33.07	35.57	36.51	37.21	38.80	41.63	42.53	42.93	43.72	43.31	44.47	44.73	42.49	39.41	41.05	44.50	39.42	35.07	33.50
	0.56	0.30	0.28	0.22	0.26	0.29	0.63	0.65	0.66	0.76	0.77	0.70	0.79	0.80	0.75	0.77	0.73	0.62	0.58	0.61	0.44	0.47	0.62	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.45	-0.57	-0.78	-0.71	-0.92	-0.96	-0.43	0.00	0.00	-0.11	0.00	0.00	0.00
DUNWOD 61760	35.50	32.66	29.68	29.66	30.83	35.30	37.88	39.60	40.57	42.30	45.37	46.26	46.48	47.15	46.90	48.00	48.29	46.54	43.52	45.21	49.09	43.27	37.79	35.82
	2.72	2.25	2.02	1.97	2.02	2.52	2.94	3.73	4.02	4.26	4.68	4.88	4.90	5.01	5.06	5.22	5.25	5.10	4.70	4.77	5.14	4.32	3.34	2.65
	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
GENESE 61753	32.88	30.13	27.41	27.42	28.55	32.45	34.91	35.47	36.12	37.62	40.25	40.97	41.33	41.97	41.68	42.61	42.79	40.95	38.36	39.96	43.12	38.37	34.45	32.67
	0.10	-0.27	-0.25	-0.28	-0.26	-0.33	-0.03	-0.39	-0.44	-0.42	-0.45	-0.41	-0.25	-0.17	-0.17	-0.17	-0.26	-0.50	-0.46	-0.48	-0.84	-0.58	0.00	-0.50
	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 61844	31.83	29.74	27.08	27.14	28.24	32.06	34.07	34.22	33.74	35.31	37.05	36.81	35.89	36.34	34.89	34.34	34.40	34.13	33.16	34.16	39.02	35.58	33.21	32.51
	-0.95	-0.67	-0.58	-0.55	-0.58	-0.72	-0.77	-1.08	-1.13	-1.22	-1.34	-1.36	-1.37	-1.39	-1.38	-1.41	-1.42	-1.37	-1.28	-1.30	-1.28	-1.09	-1.00	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.57	1.68	1.51	2.30	3.20	4.31	4.40	5.57	7.03	7.22	5.94	4.39	4.98	3.65	2.28	0.25	0.00
HUD VL 61758	35.43	32.63	29.68	29.71	30.86	35.27	37.77	39.45	40.39	42.11	45.17	46.18	46.44	47.11	46.86	47.96	48.25	46.50	43.49	45.17	49.09	43.31	37.76	35.76
	2.65	2.22	2.02	2.02	2.05	2.49	2.83	3.59	3.84	4.07	4.48	4.80	4.86	4.97	5.02	5.17	5.21	5.05	4.66	4.73	5.14	4.36	3.31	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61762	50.30	49.20	48.79	48.65	48.88	50.30	53.78	72.92	79.29	80.42	125.77	132.77	136.15	147.00	147.00	147.00	147.00	136.11	147.00	101.19	147.00	129.00	72.76	51.70
	3.67	3.16	2.82	2.77	2.85	3.51	3.95	4.81	5.08	5.29	5.62	5.79	5.78	5.94	5.98	6.16	6.20	5.97	5.59	5.54	5.89	5.03	4.06	3.39
	-13.85	-15.63	-18.31	-18.18	-17.21	-14.01	-14.89	-32.25	-37.66	-37.09	-79.46	-85.60	-88.79	-98.92	-99.17	-98.06	-97.76	-88.69	-102.58	-55.21	-97.15	-85.02	-34.24	-15.15
MHK VL 61756	33.76	31.23	28.35	28.39	29.56	33.70	36.20	37.37	38.09	39.68	42.40	43.04	43.24	43.82	43.39	44.37	44.64	43.02	40.27	41.97	45.76	40.55	35.79	34.26
	0.98	0.82	0.69	0.69	0.75	0.92	1.26	1.51	1.53	1.63	1.71	1.66	1.66	1.69	1.55	1.58	1.59	1.57	1.44	1.54	1.80	1.60	1.34	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61759	35.47	32.63	29.65	29.63	30.83	35.30	37.88	39.60	40.54	42.30	45.37	46.30	46.48	47.15	46.90	48.04	48.34	46.54	43.56	45.25	49.23	43.35	37.79	35.79
	2.69	2.22	1.99	1.94	2.02	2.52	2.94	3.73	3.98	4.26	4.68	4.92	4.90	5.01	5.06	5.26	5.29	5.10	4.74	4.81	5.27	4.40	3.34	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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. 61761	35.96	33.05	30.01	29.97	31.14	35.70	38.33	40.06	48.72	52.81	54.51	55.45	55.60	55.54	55.57	55.89	56.08	55.57	51.42	49.10	50.78	45.01	38.25	36.22
	3.18	2.64	2.35	2.27	2.33	2.92	3.39	4.19	4.42	4.68	5.09	5.30	5.32	5.48	5.48	5.65	5.68	5.51	5.16	5.25	5.67	4.79	3.79	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.75	-10.09	-8.73	-8.77	-8.70	-7.93	-8.25	-7.46	-7.36	-8.61	-7.43	-3.40	-1.16	-1.27	0.00	0.00
NORTH 61755	31.07	29.07	26.50	26.67	27.78	31.53	33.93	34.18	34.65	35.87	36.05	36.55	34.71	35.19	36.72	34.30	34.18	34.12	34.12	38.25	41.93	37.28	32.90	32.34
	-1.71	-1.34	-1.16	-1.02	-1.04	-1.25	-1.01	-1.69	-1.90	-2.17	-2.36	-2.44	-2.58	-2.57	-2.55	-2.61	-2.63	-2.49	-2.41	-2.18	-2.02	-1.67	-1.55	-0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.29	2.39	4.29	4.38	2.57	5.87	6.24	4.84	2.30	0.00	0.00	0.00	0.00	0.00
NPX 61845	34.97	32.26	29.32	29.30	30.48	34.81	36.93	38.66	39.44	41.01	43.83	44.65	44.86	45.46	45.15	46.16	46.44	44.76	41.94	43.63	47.43	41.83	36.80	35.06
	2.20	1.86	1.66	1.61	1.67	2.03	2.10	2.69	2.89	2.97	3.13	3.27	3.28	3.33	3.30	3.38	3.40	3.32	3.11	3.19	3.47	2.88	2.34	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OH 61846	32.42	29.71	27.11	27.00	28.03	31.70	34.10	34.61	35.09	36.41	38.38	37.99	38.00	37.98	37.83	38.07	38.08	37.99	37.08	38.78	41.00	37.08	33.73	31.94
	-0.36	-0.70	-0.55	-0.69	-0.78	-1.08	-0.74	-1.36	-1.46	-1.63	-1.79	-1.99	-1.79	-1.69	-1.67	-1.71	-1.77	-2.03	-1.75	-1.66	-2.59	-1.87	-0.73	-1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.10	0.00	0.00	0.52	1.41	1.78	2.47	2.33	3.00	3.19	1.42	0.00	0.00	0.36	0.00	0.00	0.00
PJM 61847	33.89	31.14	28.35	28.28	29.39	33.47	35.96	37.37	38.09	39.64	42.74	43.87	44.36	45.42	45.11	46.46	46.80	44.02	40.62	42.26	45.65	40.35	35.76	33.87
	1.12	0.73	0.69	0.58	0.58	0.69	1.12	1.40	1.53	1.60	1.75	1.70	1.79	1.90	1.97	2.01	1.98	1.78	1.79	1.82	1.50	1.40	1.31	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.10	0.00	0.00	-0.29	-0.79	-1.00	-1.38	-1.30	-1.67	-1.78	-0.79	0.00	0.00	-0.20	0.00	0.00	0.00
WEST 61752	33.04	30.23	27.52	27.42	28.50	32.22	34.98	35.01	35.68	37.02	41.69	45.89	47.88	51.40	50.55	54.26	55.21	45.89	37.62	39.35	43.46	37.55	34.35	32.54
	0.26	-0.18	-0.14	-0.28	-0.32	-0.56	0.03	-0.86	-0.88	-1.03	-1.18	-1.36	-1.12	-1.01	-1.00	-1.03	-1.07	-1.45	-1.20	-1.09	-1.98	-1.40	-0.10	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.18	-5.87	-7.42	-10.27	-9.71	-12.50	-13.24	-5.90	0.00	0.00	-1.48	0.00	0.00	0.00