

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/19/2013

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	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 61757	29.50 1.12 -11.38	20.01 1.20 -2.14	16.41 1.09 0.00	15.72 1.04 0.00	17.98 1.22 0.00	26.70 1.62 -2.57	36.45 2.45 0.00	40.20 2.40 -1.93	39.99 2.62 0.00	39.89 2.47 0.00	42.02 2.71 0.00	39.30 2.40 0.00	37.87 2.41 0.00	36.60 2.27 0.00	35.71 2.11 -1.08	38.66 2.18 -4.78	45.19 2.80 0.00	57.94 3.64 0.00	48.66 2.93 0.00	44.77 2.45 0.00	39.92 2.40 0.00	33.73 2.00 0.00	30.81 1.72 0.00	27.46 1.49 -3.07
CENTRL 61754	18.63 0.31 -1.33	17.35 0.43 -0.25	15.82 0.49 0.00	15.16 0.48 0.00	17.22 0.47 0.00	23.26 0.45 -0.30	35.42 0.88 -0.54	38.18 0.75 -1.56	40.14 0.63 -2.13	40.24 0.64 -2.19	43.08 0.63 -3.15	40.23 0.59 -2.74	38.36 0.50 -2.40	36.37 0.41 -1.62	33.85 0.42 -0.91	34.20 0.38 -2.13	46.13 0.76 -2.97	60.39 1.36 -4.73	50.31 1.28 -3.29	46.30 1.23 -2.75	39.61 0.68 -1.41	33.36 0.73 -0.90	29.50 0.41 0.00	23.62 0.37 -0.36
DUNWOD 61760	27.61 1.73 -8.88	19.99 1.65 -1.67	16.80 1.47 0.00	16.06 1.38 0.00	18.35 1.59 0.00	26.81 2.30 -2.01	37.57 3.57 0.00	41.36 3.98 -1.51	41.71 4.33 0.00	41.79 4.38 0.00	43.63 4.32 0.00	41.18 4.28 0.00	39.60 4.15 0.00	38.42 4.08 0.00	37.23 3.87 -0.84	39.16 3.74 -3.73	47.35 4.96 0.00	60.27 5.97 0.00	50.76 5.03 0.00	47.02 4.70 0.00	41.94 4.43 0.00	35.31 3.58 0.00	32.30 3.20 0.00	27.70 2.40 -2.40
GENESE 61753	17.94 -0.03 -0.98	17.05 0.20 -0.18	15.65 0.32 0.00	15.02 0.34 0.00	17.01 0.25 0.00	22.77 0.05 -0.22	34.52 0.10 -0.42	36.81 -0.29 -1.24	38.63 -0.45 -1.71	38.65 -0.52 -1.76	41.96 -0.35 -3.01	39.12 -0.41 -2.62	36.82 -0.57 -1.93	34.95 -0.69 -1.30	32.56 -0.68 -0.72	32.66 -0.70 -1.67	44.18 -0.51 -2.30	57.95 0.00 -3.65	48.37 0.09 -2.55	44.61 0.17 -2.12	38.16 -0.45 -1.09	32.20 -0.22 -0.70	28.69 -0.41 0.00	22.98 -0.18 -0.27
H Q 61844	16.48 -0.51 0.00	15.93 -0.57 0.18	14.78 -0.54 0.01	14.16 -0.51 0.01	14.61 -0.57 1.58	17.06 -0.72 4.72	17.27 -1.09 15.64	27.77 -1.11 6.98	27.68 -1.16 8.54	20.55 -1.12 15.75	20.56 -1.18 17.57	22.03 -1.11 13.77	20.71 -1.06 13.69	20.48 -1.06 12.80	20.47 -1.01 11.04	20.60 -0.98 10.10	29.32 -1.31 11.76	29.80 -1.68 22.82	29.33 -1.42 14.99	29.49 -1.31 11.52	29.17 -1.16 7.19	28.63 -0.98 2.11	28.25 -0.84 0.00	22.21 -0.69 0.00
HUD VL 61758	27.64 1.84 -8.81	20.13 1.80 -1.65	16.97 1.64 0.00	16.22 1.54 0.00	18.50 1.74 0.00	26.97 2.48 -1.99	38.08 4.08 0.00	41.77 4.41 -1.49	42.16 4.79 0.00	42.13 4.71 0.00	44.10 4.79 0.00	41.59 4.69 0.00	39.92 4.47 0.00	38.70 4.36 0.00	37.51 4.16 -0.83	39.38 4.02 -3.67	47.99 5.60 0.00	61.41 7.11 0.00	51.45 5.72 0.00	47.65 5.33 0.00	42.43 4.91 0.00	35.79 4.06 0.00	32.76 3.67 0.00	27.96 2.70 -2.37
LONGIL 61762	28.21 2.33 -8.89	25.70 2.40 -6.63	24.67 2.19 -7.15	24.55 2.07 -7.80	25.88 2.35 -6.78	30.26 3.26 -4.49	41.63 5.10 -2.53	42.79 5.42 -1.51	43.29 5.90 -0.01	43.33 5.91 0.00	45.17 5.86 -0.01	42.63 5.72 -0.01	41.11 5.64 -0.01	39.83 5.49 0.00	39.67 5.24 -1.91	40.42 4.97 -3.76	52.46 6.74 -3.33	73.33 8.31 -10.73	61.90 7.00 -9.17	56.00 6.56 -7.12	57.58 6.08 -13.99	47.57 4.98 -10.86	40.95 4.45 -7.40	36.74 3.41 -10.43
MHK VL 61756	19.00 0.56 -1.45	17.48 0.53 -0.27	15.77 0.44 0.00	15.10 0.43 0.00	17.26 0.50 0.00	23.62 0.79 -0.33	35.36 1.36 0.00	37.55 1.44 -0.24	38.94 1.57 0.00	39.21 1.80 0.00	41.19 1.89 0.00	38.38 1.48 0.00	36.84 1.38 0.00	35.78 1.44 0.00	33.99 1.33 -0.13	33.56 1.30 -0.58	44.25 1.86 0.00	57.06 2.77 0.00	48.16 2.42 0.00	44.35 2.03 0.00	39.21 1.69 0.00	33.09 1.36 0.00	30.38 1.28 0.00	24.14 0.85 -0.39
MILLWD 61759	27.65 1.72 -8.94	20.00 1.65 -1.68	16.80 1.47 0.00	16.07 1.40 0.00	18.36 1.61 0.00	26.85 2.32 -2.03	37.70 3.71 0.00	41.51 4.12 -1.52	41.82 4.45 0.00	41.90 4.49 0.00	43.75 4.44 0.00	41.22 4.32 0.00	39.64 4.18 0.00	38.42 4.08 0.00	37.24 3.87 -0.85	39.18 3.74 -3.76	47.48 5.08 0.00	60.54 6.24 0.00	50.90 5.17 0.00	47.14 4.82 0.00	42.06 4.54 0.00	35.31 3.58 0.00	32.27 3.17 0.00	27.72 2.40 -2.42
N.Y.C. 61761	27.70 1.82 -8.89	20.04 1.70 -1.67	16.83 1.50 0.00	16.09 1.41 0.00	18.41 1.66 0.00	26.90 2.38 -2.01	37.70 3.71 0.00	41.61 4.23 -1.51	42.01 4.63 0.00	42.17 4.75 0.00	43.94 4.64 0.00	41.56 4.65 0.00	40.00 4.54 0.00	38.77 4.43 0.00	37.56 4.20 -0.84	39.48 4.06 -3.74	47.73 5.34 0.00	60.43 6.13 0.00	51.04 5.30 0.00	47.31 4.99 0.00	42.28 4.77 0.00	35.53 3.81 0.00	32.53 3.43 0.00	27.86 2.56 -2.40
NORTH 61755	16.08 -0.92 0.00	15.38 -1.12 0.18	14.25 -1.07 0.01	13.63 -1.04 0.01	14.06 -1.14 1.56	16.52 -1.33 4.66	16.66 -1.90 15.44	27.00 -1.97 6.89	27.00 -1.95 8.43	20.00 -1.87 15.55	21.32 -1.96 17.34	20.10 -1.99 13.59	19.88 -1.85 13.51	19.90 -1.82 12.63	19.90 -1.72 10.90	20.00 -1.71 9.97	28.58 -2.21 11.61	29.11 -2.66 22.53	28.65 -2.29 14.80	28.74 -2.20 11.37	28.55 -1.87 7.10	28.25 -1.40 2.08	27.93 -1.16 0.00	21.82 -1.08 0.00
NPX 61845	29.80 1.78 -11.02	27.91 1.75 -9.49	26.12 1.58 -9.21	26.35 1.50 -10.17	26.94 1.73 -8.46	29.91 2.41 -5.00	37.70 3.71 0.00	41.54 3.98 -1.69	41.67 4.30 0.00	41.64 4.23 0.00	43.43 4.13 0.00	40.93 4.02 0.00	39.36 3.90 0.00	38.18 3.85 0.00	37.11 3.64 -0.94	39.46 3.58 -4.19	47.18 4.79 0.00	60.38 6.08 0.00	50.81 5.08 0.00	46.72 4.40 0.00	41.91 4.39 0.00	35.57 3.58 -0.26	32.38 3.20 -0.08	27.97 2.38 -2.69

OH 61846	18.00	17.07	15.74	15.09	16.99	22.49	32.00	31.49	30.41	30.67	29.80	29.21	27.55	27.55	26.81	26.81	33.48	41.21	36.65	34.81	32.23	28.65	25.55	22.49
	-0.22	0.17	0.41	0.41	0.23	-0.29	-0.65	-1.26	-1.79	-1.83	-1.85	-1.70	-1.74	-1.96	-1.89	-1.87	-2.12	-2.28	-1.56	-1.23	-2.06	-1.02	-1.19	-0.73
	-1.23	-0.23	0.00	0.00	0.00	-0.28	1.35	3.12	5.17	4.91	7.66	6.00	6.17	4.83	3.82	3.00	6.79	10.80	7.53	6.28	3.23	2.06	2.35	-0.33
PJM 61847	18.49	17.35	16.00	15.32	17.24	22.91	36.01	40.25	43.72	43.94	48.79	45.11	42.69	38.71	34.30	36.48	51.52	69.70	56.85	51.72	41.37	34.63	28.43	22.96
	0.00	0.40	0.67	0.65	0.49	0.07	0.14	-0.43	-0.93	-0.97	-1.10	-0.99	-0.99	-1.17	-1.04	-1.20	-1.27	-1.14	-0.41	-0.21	-1.09	-0.25	-0.67	-0.34
	-1.49	-0.28	0.00	0.00	0.00	-0.34	-1.88	-4.81	-7.28	-7.49	-10.58	-9.20	-8.23	-5.54	-2.82	-6.00	-10.40	-16.55	-11.53	-9.62	-4.94	-3.16	0.00	-0.40
WEST 61752	18.28	17.40	16.05	15.38	17.34	22.91	39.48	48.53	57.00	57.56	68.20	62.01	57.70	48.74	39.01	46.11	70.15	99.28	77.31	68.80	50.01	40.26	28.60	22.88
	0.09	0.50	0.72	0.70	0.59	0.14	0.27	-0.32	-0.79	-0.86	-0.79	-0.70	-0.81	-1.13	-1.14	-1.14	-1.06	-0.87	-0.37	-0.17	-1.20	-0.22	-0.49	-0.34
	-1.20	-0.23	0.00	0.00	0.00	-0.27	-5.21	-12.99	-20.41	-21.00	-29.68	-25.81	-23.06	-15.53	-7.63	-15.56	-28.82	-45.86	-31.94	-26.65	-13.69	-8.75	0.00	-0.33