

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/19/2010

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	89.56 3.35 -34.70	77.81 2.61 -33.07	73.47 2.60 -26.81	73.00 2.56 -26.29	73.74 2.61 -26.89	72.85 3.09 -19.85	79.42 2.64 -34.94	83.79 2.72 -38.53	87.69 3.02 -36.74	94.98 3.10 -42.63	101.29 3.06 -48.89	99.81 3.01 -47.51	95.61 2.96 -43.36	91.11 2.90 -39.07	84.67 2.95 -32.58	85.32 2.81 -36.42	121.41 3.21 -65.53	140.63 3.90 -75.80	131.85 3.29 -77.10	127.28 3.03 -74.60	115.84 3.13 -63.02	104.39 2.92 -51.98	95.81 3.03 -43.19	90.34 2.52 -38.48
CENTRL 61754	54.96 -0.62 -4.06	45.16 -0.84 -3.87	46.14 -1.06 -3.14	46.26 -0.97 -3.08	46.50 -0.88 -3.15	51.43 -0.80 -2.33	45.02 -0.92 -4.09	46.33 -0.72 -4.51	51.28 -0.96 -4.30	53.45 -0.79 -4.99	54.42 -0.59 -5.67	54.06 -0.74 -5.51	53.48 -0.84 -5.03	52.59 -1.08 -4.53	51.84 -1.08 -3.78	49.52 -0.78 -4.22	59.80 -0.42 -7.56	69.85 0.18 -8.74	60.24 -0.10 -8.89	58.00 -0.25 -8.60	56.81 -0.15 -7.27	55.04 -0.45 -5.99	54.13 -0.45 -4.98	53.22 -0.59 -4.47
DUNWOD 61760	82.32 4.69 -26.12	70.64 3.62 -24.90	67.63 3.39 -20.18	67.43 3.49 -19.79	68.02 3.54 -20.24	68.89 4.04 -14.95	71.70 3.56 -26.30	75.41 3.87 -29.00	80.00 4.41 -27.66	86.06 4.73 -32.10	91.04 4.98 -36.72	89.90 4.93 -35.68	86.74 4.88 -32.56	83.30 4.82 -29.34	78.37 4.77 -24.47	78.00 4.56 -27.36	107.59 5.74 -49.18	124.89 7.07 -56.90	115.14 5.81 -57.87	111.30 5.66 -56.00	102.51 5.52 -47.30	93.85 5.35 -39.01	87.17 5.16 -32.42	82.54 4.24 -28.95
GENESE 61753	52.59 -1.96 -3.04	42.41 -2.61 -2.89	43.80 -2.60 -2.34	43.75 -2.69 -2.30	43.85 -2.74 -2.35	48.99 -2.64 -1.74	42.10 -2.80 -3.06	43.40 -2.51 -3.37	48.51 -2.64 -3.21	50.66 -2.31 -3.73	51.60 -2.02 -4.28	51.38 -2.07 -4.16	50.87 -2.22 -3.80	49.86 -2.70 -3.42	49.29 -2.70 -2.85	46.96 -2.30 -3.19	56.31 -2.11 -5.75	66.42 -1.16 -6.65	57.03 -1.18 -6.76	54.60 -1.59 -6.54	53.83 -1.39 -5.53	52.27 -1.78 -4.56	51.64 -1.74 -3.79	50.60 -2.12 -3.38
H Q 61844	48.65 -0.77 2.09	43.75 -0.46 -2.09	43.75 -0.31 0.00	43.75 -0.40 0.00	43.75 -0.49 0.00	48.65 -0.60 0.65	42.12 -0.38 -0.65	42.07 -0.47 0.00	47.50 -0.43 0.00	48.65 -0.59 0.00	48.65 -0.69 0.00	48.65 -0.64 0.00	48.65 -0.64 0.00	48.65 -0.49 0.00	48.65 -0.49 0.00	48.65 -0.55 -3.12	48.65 -0.90 3.12	59.46 -1.46 0.00	50.37 -1.08 0.00	48.65 -0.99 0.00	48.65 -1.04 0.00	48.65 -0.84 0.00	48.65 -0.94 0.00	48.65 0.00
HUD VL 61758	82.18 4.69 -25.98	70.59 3.71 -24.76	67.65 3.52 -20.07	67.41 3.58 -19.68	68.08 3.72 -20.13	68.96 4.19 -14.86	71.64 3.64 -26.16	75.21 3.83 -28.84	79.80 4.36 -27.51	85.79 4.63 -31.92	90.53 4.74 -36.45	89.45 4.73 -35.43	86.45 4.83 -32.33	82.99 4.72 -29.13	78.05 4.62 -24.29	77.66 4.42 -27.16	107.17 5.58 -48.92	124.34 6.82 -56.59	114.62 5.61 -57.56	110.85 5.51 -55.69	102.10 5.37 -47.04	93.49 5.20 -38.80	86.94 5.11 -32.24	82.48 4.34 -28.80
LONGIL 61762	83.22 5.56 -26.14	71.17 4.13 -24.92	67.82 3.57 -20.20	67.88 3.93 -19.81	68.34 3.85 -20.26	69.00 4.14 -14.96	72.23 4.06 -26.32	76.33 4.76 -29.03	81.27 5.66 -27.68	87.61 6.25 -32.12	100.00 6.81 -43.85	99.00 6.70 -43.01	96.00 6.65 -40.05	92.00 6.54 -36.32	80.18 6.54 -24.51	91.00 6.17 -38.75	127.11 7.69 -66.75	176.00 9.50 -105.57	177.00 7.87 -117.67	150.88 7.60 -93.64	135.32 7.35 -78.27	125.54 7.08 -68.97	122.18 6.89 -65.70	84.24 5.92 -28.98
MHK VL 61756	57.30 1.29 -4.50	47.25 0.84 -4.29	48.02 0.48 -3.47	48.39 0.84 -3.41	48.65 0.93 -3.49	53.67 1.20 -2.57	47.38 1.00 -4.53	48.68 1.15 -4.99	53.89 1.20 -4.76	56.20 1.43 -5.53	56.77 1.48 -5.95	56.45 1.38 -5.78	55.95 1.38 -5.28	55.22 1.33 -4.75	54.38 1.28 -3.96	51.94 1.43 -4.43	62.17 1.90 -7.61	72.28 2.56 -8.80	62.36 1.96 -8.95	60.24 1.94 -8.66	58.85 1.84 -7.31	57.21 1.68 -6.03	56.29 1.69 -5.01	55.37 1.23 -4.80
MILLWD 61759	82.43 4.64 -26.28	70.80 3.62 -25.05	67.71 3.35 -20.30	67.46 3.40 -19.91	68.14 3.54 -20.36	68.93 3.99 -15.04	71.82 3.52 -26.46	75.55 3.83 -29.18	80.12 4.36 -27.83	86.21 4.68 -32.29	91.19 4.88 -36.96	90.05 4.83 -35.92	86.91 4.83 -32.78	83.45 4.77 -29.54	78.44 4.67 -24.63	78.09 4.47 -27.54	107.85 5.69 -49.50	125.19 7.01 -57.26	115.46 5.76 -58.24	111.61 5.61 -56.35	102.76 5.47 -47.60	94.00 5.25 -39.26	87.32 5.11 -32.62	82.66 4.19 -29.13
N.Y.C. 61761	82.75 5.10 -26.14	71.00 3.96 -24.92	68.00 3.74 -20.20	67.80 3.84 -19.81	68.39 3.89 -20.26	69.25 4.39 -14.96	72.06 3.89 -26.32	75.86 4.30 -29.02	80.45 4.84 -27.68	86.58 5.22 -32.12	91.51 5.43 -36.74	91.82 5.37 -37.16	91.00 5.32 -36.39	88.63 5.26 -34.23	86.27 5.21 -31.92	87.00 4.98 -35.94	127.71 6.27 -68.77	153.44 7.68 -84.84	139.38 6.38 -81.54	138.72 6.16 -82.92	127.35 6.01 -71.64	106.84 5.84 -51.51	90.36 5.65 -35.12	82.95 4.64 -28.97
NORTH 61755	50.84 -0.67 0.00	41.49 -0.63 0.00	43.75 -0.31 0.00	43.79 -0.35 0.00	43.53 -0.71 0.00	49.10 -0.80 0.00	41.26 -0.59 0.00	42.20 -0.34 0.00	47.83 -0.10 0.00	49.14 -0.10 0.00	49.09 -0.25 0.00	48.95 -0.35 0.00	48.90 -0.39 0.00	48.99 -0.15 0.00	48.94 -0.20 0.00	45.80 -0.28 0.00	52.30 -0.37 0.00	59.71 -1.22 0.00	50.99 -0.46 0.00	48.85 -0.79 0.00	49.00 -0.70 0.00	49.05 -0.45 0.00	49.00 -0.60 0.00	48.90 -0.44 0.00
NPX 61845	83.40 3.66 -28.23	76.02 2.91 -30.99	70.39 2.91 -23.42	70.08 2.96 -22.97	70.70 2.96 -23.50	70.04 3.44 -16.70	75.95 2.93 -31.18	79.31 3.11 -33.66	83.53 3.50 -32.10	90.04 3.55 -37.25	95.56 3.60 -42.62	94.26 3.55 -41.42	90.59 3.50 -37.80	86.69 3.49 -34.06	81.03 3.49 -28.40	84.32 3.36 -34.88	110.48 3.84 -53.97	131.60 4.63 -66.05	122.49 3.86 -67.18	118.32 3.67 -65.00	108.32 3.73 -54.90	98.34 3.56 -45.29	90.89 3.67 -37.63	85.91 2.96 -33.61

O H 61846	49.23	43.96	42.76	42.69	42.93	46.98	41.33	42.05	46.20	48.07	49.25	48.86	48.28	47.06	46.49	47.46	50.45	62.95	54.52	52.28	51.37	49.54	49.37	48.41
	-3.81	-3.71	-4.10	-4.19	-4.11	-4.34	-4.81	-4.51	-5.56	-5.61	-5.18	-5.37	-5.52	-6.14	-6.04	-5.53	-5.90	-5.85	-4.94	-5.11	-4.87	-5.35	-4.71	-4.93
	-1.53	-5.54	-2.80	-2.74	-2.80	-1.42	-4.29	-4.02	-3.83	-4.45	-5.09	-4.94	-4.51	-4.06	-3.39	-6.91	-3.68	-7.87	-8.01	-7.75	-6.54	-5.40	-4.49	-4.01
PJM 61847	65.53	63.34	59.59	59.44	59.90	61.34	62.50	64.76	69.26	74.05	77.67	76.73	74.39	71.77	68.21	70.40	87.21	106.34	96.31	92.72	86.07	79.61	74.97	71.48
	-2.68	1.22	1.01	1.06	1.11	1.35	1.09	1.36	1.44	1.72	1.92	1.77	1.68	1.52	1.47	1.52	2.32	3.23	2.52	2.43	2.39	2.08	2.08	1.33
	-16.70	-20.00	-14.51	-14.23	-14.56	-10.10	-19.57	-20.86	-19.89	-23.08	-26.41	-25.66	-23.42	-21.10	-17.60	-22.80	-32.22	-42.19	-42.34	-40.64	-33.99	-28.04	-23.30	-20.81
WEST 61752	52.30	42.69	43.43	43.41	43.69	48.47	41.73	43.11	47.36	49.42	50.74	50.19	49.55	48.23	47.58	45.43	55.32	65.27	56.49	54.12	53.12	51.06	50.83	49.62
	-3.25	-3.29	-3.74	-3.80	-3.67	-3.74	-4.18	-3.91	-4.84	-4.78	-4.29	-4.63	-4.78	-5.45	-5.36	-4.88	-4.95	-4.45	-3.91	-4.17	-3.88	-4.45	-3.77	-4.19
	-4.04	-3.85	-3.12	-3.06	-3.13	-2.31	-4.06	-4.48	-4.27	-4.96	-5.69	-5.53	-5.04	-4.55	-3.79	-4.24	-7.60	-8.79	-8.94	-8.65	-7.31	-6.03	-5.01	-4.47