

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/31/2015

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 61757	21.41 1.16 -2.98	18.17 1.12 -1.22	19.36 1.08 -2.66	18.12 0.89 -4.07	18.06 0.94 -3.48	20.21 1.02 -3.77	20.47 1.21 -1.95	24.85 1.66 -0.21	27.18 1.85 0.00	29.07 1.95 -0.44	32.47 2.31 -0.87	35.77 2.71 -0.79	38.64 2.92 -0.94	43.85 3.26 -1.34	46.06 3.18 -2.63	52.29 3.74 -3.01	53.65 3.80 -2.98	52.20 3.72 -3.12	44.82 3.42 -0.70	40.69 3.23 -0.32	41.16 3.17 -0.20	33.95 2.47 -0.15	28.77 2.06 0.00	25.57 1.70 0.00
CENTRL 61754	17.02 0.02 0.27	15.57 -0.02 0.25	15.80 -0.09 -0.27	13.48 -0.08 -0.41	13.92 -0.07 -0.35	15.70 -0.09 -0.38	17.31 0.05 0.05	23.13 0.14 -0.01	25.92 0.23 -0.36	27.51 0.35 -0.49	30.11 0.29 -0.53	33.24 0.32 -0.66	35.17 0.31 -0.08	40.69 0.51 -0.93	41.64 0.60 -0.78	47.21 0.59 -1.07	48.89 0.75 -1.27	46.98 0.63 -0.99	41.44 0.49 -0.25	38.03 0.33 -0.56	38.39 0.27 -0.34	31.92 0.28 -0.32	26.92 0.21 0.00	24.11 0.24 0.00
DUNWOD 61760	25.86 2.14 -6.45	21.43 1.95 -3.65	19.57 1.87 -2.07	17.90 1.58 -3.17	18.00 1.65 -2.71	20.25 1.90 -2.94	22.76 2.15 -3.31	26.07 2.83 -0.26	28.55 3.22 0.00	34.25 3.36 -4.21	41.28 3.69 -8.30	43.92 4.10 -7.56	48.13 4.38 -8.97	56.90 4.91 -12.74	70.24 4.99 -25.00	79.78 5.60 -28.63	80.87 5.67 -28.32	79.33 5.58 -28.39	52.16 5.09 -6.38	44.73 4.64 -2.94	44.21 4.61 -1.81	36.63 3.91 -1.40	30.02 3.31 0.00	26.67 2.79 0.00
GENESE 61753	16.85 -0.21 0.21	15.28 -0.35 0.20	15.39 -0.45 -0.22	13.11 -0.37 -0.33	13.57 -0.35 -0.28	15.27 -0.45 -0.31	17.03 -0.24 0.04	22.76 -0.23 -0.01	24.96 -0.05 0.33	26.04 -0.08 0.56	28.34 -0.24 0.71	31.17 -0.29 0.80	34.21 -0.24 0.33	38.30 0.24 1.19	39.32 0.48 1.42	44.18 0.41 1.77	45.69 0.75 1.93	44.00 0.32 1.68	40.41 0.12 0.41	36.45 -0.11 0.58	36.98 -0.45 0.35	30.71 -0.28 0.33	26.55 -0.16 0.00	23.88 0.00 0.00
H Q 61844	16.75 -0.52 0.00	15.36 -0.47 0.00	15.19 -0.44 0.00	12.78 -0.37 0.00	13.24 -0.40 0.00	14.98 -0.43 0.00	16.75 -0.55 0.00	22.20 -0.78 0.00	24.42 -0.91 0.00	25.69 -0.99 0.00	28.20 -1.08 0.00	31.00 -1.26 0.00	33.46 -1.32 0.00	37.72 -1.53 0.00	38.68 -1.57 0.00	43.82 -1.73 0.00	45.14 -1.73 0.00	43.37 -1.72 0.27	39.42 -1.55 -0.27	35.77 -1.37 0.00	36.46 -1.32 0.00	30.19 -1.13 0.00	25.75 -0.96 0.00	23.04 -0.84 0.00
HUD VL 61758	25.38 2.07 -6.04	21.12 1.90 -3.39	19.49 1.81 -2.05	17.82 1.52 -3.14	17.91 1.58 -2.69	20.15 1.82 -2.92	22.45 2.02 -3.13	26.01 2.78 -0.25	28.50 3.17 0.00	33.48 3.36 -3.43	39.75 3.69 -6.77	42.43 4.00 -6.17	46.40 4.31 -7.32	54.55 4.91 -10.39	65.67 5.03 -20.39	74.59 5.69 -23.35	75.90 5.81 -23.21	74.35 5.72 -23.27	51.01 5.09 -5.23	44.20 4.64 -2.41	43.92 4.65 -1.48	36.35 3.88 -1.15	29.94 3.23 0.00	26.60 2.72 0.00
LONGIL 61762	28.56 2.75 -8.55	23.57 2.52 -5.22	20.40 2.41 -2.37	18.76 2.02 -3.59	18.68 2.11 -2.92	21.35 2.39 -3.55	25.46 2.75 -5.40	28.57 3.68 -1.91	33.57 4.21 -4.03	37.96 4.43 -6.85	42.47 4.78 -8.41	45.46 5.39 -7.81	50.45 5.56 -10.11	67.15 6.36 -21.53	71.92 6.56 -25.10	85.27 7.47 -32.25	88.15 7.55 -33.73	81.05 7.30 -28.38	62.19 6.59 -14.90	50.15 6.02 -6.99	50.64 5.97 -6.89	41.57 5.14 -5.12	40.54 4.38 -9.45	37.77 3.68 -10.22
MHK VL 61756	18.15 0.45 -0.43	16.43 0.40 -0.20	16.29 0.36 -0.30	13.92 0.30 -0.46	14.34 0.30 -0.40	16.22 0.37 -0.43	18.01 0.48 -0.22	23.67 0.67 -0.02	26.17 0.83 0.00	27.84 0.96 -0.20	30.76 1.08 -0.39	33.81 1.19 -0.35	36.52 1.32 -0.42	41.22 1.37 -0.59	42.82 1.41 -1.16	48.47 1.59 -1.33	50.15 1.69 -1.59	48.58 1.63 -1.59	42.36 1.30 -0.36	38.53 1.22 -0.17	39.40 1.51 -0.10	32.56 1.16 -0.08	27.62 0.91 0.00	24.62 0.74 0.00
MILLWD 61759	25.79 2.12 -6.40	21.39 1.95 -3.61	19.56 1.86 -2.08	17.90 1.56 -3.18	18.00 1.64 -2.72	20.23 1.86 -2.95	22.72 2.13 -3.29	26.07 2.83 -0.26	28.55 3.22 0.00	34.17 3.36 -4.13	41.15 3.72 -8.14	43.81 4.13 -7.42	47.99 4.42 -8.80	56.70 4.95 -12.49	69.88 5.11 -24.52	79.41 5.79 -28.08	80.52 5.86 -27.78	79.02 5.81 -27.85	52.16 5.21 -6.25	44.78 4.76 -2.89	44.21 4.65 -1.78	36.54 3.85 -1.37	29.94 3.23 0.00	26.57 2.70 0.00
N.Y.C. 61761	26.02 2.30 -6.46	21.58 2.09 -3.66	19.72 2.02 -2.07	18.02 1.70 -3.17	18.13 1.77 -2.72	20.39 2.03 -2.94	22.94 2.32 -3.32	26.25 3.01 -0.26	28.75 3.42 0.00	34.47 3.58 -4.21	41.48 3.90 -8.30	46.40 4.32 -9.81	50.01 4.59 -10.64	57.55 5.14 -13.15	70.52 5.27 -24.99	80.00 5.83 -28.62	81.05 5.86 -28.32	79.41 5.67 -28.39	53.55 5.37 -7.48	47.32 4.94 -5.24	48.24 4.91 -5.54	40.57 4.26 -5.00	34.92 3.63 -4.58	27.64 3.01 -0.76
NORTH 61755	16.63 -0.64 0.00	15.17 -0.66 0.00	15.03 -0.59 0.00	12.65 -0.50 0.00	13.08 -0.56 0.00	14.85 -0.57 0.00	16.58 -0.73 0.00	21.85 -1.13 0.00	24.04 -1.29 0.00	25.24 -1.44 0.00	27.68 -1.61 0.00	30.29 -1.97 0.00	32.72 -2.05 0.00	36.90 -2.35 0.00	37.84 -2.41 0.00	43.00 -2.55 0.00	44.39 -2.49 0.00	42.73 -2.63 0.00	38.26 -2.44 0.00	35.03 -2.12 0.00	35.90 -1.89 0.00	29.66 -1.66 0.00	25.35 -1.36 0.00	22.78 -1.10 0.00
NPX 61845	24.00 1.57 -5.16	20.00 1.46 -2.71	19.42 1.39 -2.40	18.00 1.17 -3.68	18.00 1.21 -3.15	20.20 1.37 -3.41	21.77 1.61 -2.85	25.39 2.16 -0.25	27.79 2.46 0.00	31.25 2.56 -2.01	36.15 2.90 -3.97	39.13 3.26 -3.61	42.54 3.48 -4.29	49.19 3.85 -6.09	55.94 3.74 -11.95	63.42 4.19 -13.68	64.58 4.17 -13.53	62.71 4.17 -13.18	47.98 3.99 -3.29	42.25 3.71 -1.39	42.31 3.66 -0.86	34.99 3.01 -0.66	29.25 2.54 0.00	26.00 2.12 0.00

OH 61846	16.39	15.02	15.10	12.91	13.38	15.04	16.65	22.14	23.55	24.18	25.70	28.20	31.64	33.60	33.80	37.47	38.62	37.28	37.90	33.56	34.47	29.00	25.64	23.40
	-0.59	-0.54	-0.81	-0.68	-0.64	-0.79	-0.61	-0.85	-0.76	-0.61	-1.08	-1.29	-1.81	-1.49	-1.17	-1.55	-1.26	-1.59	-1.59	-1.67	-2.15	-1.25	-1.07	-0.48
	0.29	0.27	-0.29	-0.44	-0.38	-0.41	0.05	-0.01	1.02	1.89	2.50	2.77	1.33	4.16	5.28	6.53	6.99	6.49	1.21	1.92	1.17	1.06	0.00	0.00
PJM 61847	22.01	18.83	17.81	15.93	16.17	18.19	20.27	24.50	27.77	32.23	37.57	40.53	42.49	51.75	60.36	68.86	70.55	68.01	47.87	42.35	41.60	34.78	28.20	25.28
	1.04	0.95	0.81	0.68	0.74	0.83	1.02	1.36	1.57	1.71	1.73	1.87	1.81	2.16	2.29	2.50	2.62	2.49	2.24	2.00	1.85	1.82	1.49	1.41
	-3.71	-2.05	-1.37	-2.09	-1.79	-1.94	-1.95	-0.16	-0.87	-3.85	-6.55	-6.39	-5.91	-10.34	-17.81	-20.81	-21.06	-20.16	-4.94	-3.20	-1.96	-1.65	0.00	0.00
WEST 61752	16.69	15.31	15.33	13.08	13.57	15.29	17.01	22.80	29.46	33.79	37.96	42.02	37.83	53.94	57.83	67.41	71.14	66.00	45.29	44.00	41.17	35.00	26.28	23.90
	-0.29	-0.25	-0.58	-0.50	-0.44	-0.52	-0.24	-0.18	0.05	0.27	-0.24	-0.39	-0.87	-0.32	0.08	-0.14	0.24	-0.18	-0.45	-0.56	-1.13	-0.34	-0.43	0.02
	0.28	0.26	-0.28	-0.43	-0.37	-0.40	0.05	-0.01	-4.08	-6.84	-8.91	-10.14	-3.93	-15.00	-17.49	-22.00	-24.03	-20.82	-5.04	-7.41	-4.52	-4.03	0.00	0.00