

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/14/2014

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	22.19	20.56	18.32	17.05	15.92	16.08	15.60	17.63	21.17	22.20	23.51	24.14	25.00	25.00	24.94	24.96	25.37	26.42	27.50	29.84	29.76	26.13	23.89	21.24
61757	1.16	0.92	0.92	0.72	0.63	0.69	0.67	0.74	0.99	1.24	1.29	1.34	1.41	1.37	1.39	1.41	1.41	1.50	1.56	1.69	1.63	1.46	1.20	0.93
	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	21.43	19.97	17.63	16.53	15.49	15.60	15.17	17.31	20.52	21.41	22.76	23.35	24.15	24.20	24.09	24.07	24.51	25.52	26.55	28.77	28.80	25.22	23.16	20.59
61754	0.40	0.33	0.23	0.20	0.20	0.22	0.24	0.42	0.34	0.44	0.53	0.55	0.57	0.57	0.54	0.52	0.55	0.60	0.60	0.62	0.67	0.54	0.48	0.28
	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	23.18	21.41	18.99	17.56	16.38	16.51	15.95	18.16	21.75	23.04	24.38	25.06	26.08	26.18	26.14	26.16	26.62	27.59	28.78	31.25	31.19	27.39	25.05	21.97
61760	2.15	1.77	1.58	1.23	1.09	1.12	1.02	1.27	1.57	2.08	2.16	2.26	2.50	2.55	2.59	2.61	2.66	2.67	2.83	3.10	3.07	2.71	2.36	1.67
	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	20.67	19.30	16.98	16.12	15.12	15.25	14.84	16.96	19.88	20.55	21.80	22.34	23.16	23.23	23.13	23.10	23.55	24.53	25.43	27.48	27.54	24.08	22.37	20.04
61753	-0.36	-0.33	-0.42	-0.21	-0.17	-0.14	-0.09	0.07	-0.30	-0.42	-0.42	-0.46	-0.42	-0.40	-0.42	-0.45	-0.41	-0.40	-0.52	-0.68	-0.59	-0.59	-0.32	-0.26
	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	20.36	19.11	16.95	16.00	15.00	15.08	14.63	16.47	19.85	20.25	21.58	22.12	22.81	22.85	22.77	22.77	23.17	24.10	25.07	27.25	27.20	23.86	22.03	19.90
61844	-0.67	-0.53	-0.45	-0.33	-0.29	-0.31	-0.30	-0.42	-0.42	-0.61	-0.65	-0.68	-0.78	-0.78	-0.78	-0.78	-0.79	-0.82	-0.88	-0.90	-0.93	-0.81	-0.66	-0.41
	0.00	0.00	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
HUD VL	23.03	21.31	18.88	17.49	16.33	16.44	15.90	18.11	21.67	22.89	24.25	24.94	25.94	26.02	26.00	26.00	26.43	27.47	28.65	31.05	31.03	27.19	24.86	21.87
61758	2.00	1.67	1.48	1.16	1.04	1.06	0.97	1.22	1.49	1.93	2.02	2.14	2.36	2.39	2.45	2.45	2.47	2.54	2.70	2.90	2.90	2.52	2.18	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
LONGIL	23.72	21.78	19.47	17.82	16.65	16.86	16.23	18.46	22.17	24.83	25.59	26.52	27.72	29.70	28.94	30.44	31.48	29.57	31.46	33.72	37.08	30.89	25.79	22.34
61762	2.69	2.14	2.07	1.49	1.36	1.48	1.30	1.57	1.98	2.83	2.98	3.12	3.37	3.45	3.44	3.48	3.52	3.64	3.82	4.17	4.05	3.53	3.11	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.03	-0.39	-0.60	-0.76	-2.62	-1.95	-3.40	-4.00	-1.00	-1.70	-1.40	-4.90	-2.68	0.00	0.00
MHK VL	21.58	20.11	17.77	16.66	15.58	15.66	15.26	17.31	20.72	21.53	22.84	23.41	24.22	24.24	24.14	24.14	24.56	25.60	26.60	28.94	28.94	25.39	23.32	20.75
61756	0.55	0.47	0.37	0.33	0.29	0.28	0.33	0.42	0.54	0.57	0.62	0.62	0.64	0.61	0.59	0.59	0.60	0.67	0.65	0.79	0.82	0.72	0.63	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
MILLWD	23.11	21.37	18.93	17.52	16.35	16.48	15.90	18.12	21.73	23.00	24.34	25.01	26.06	26.16	26.12	26.14	26.57	27.59	28.78	31.22	31.17	27.36	25.00	21.91
61759	2.08	1.73	1.53	1.19	1.05	1.09	0.97	1.23	1.55	2.03	2.11	2.21	2.48	2.53	2.57	2.59	2.61	2.67	2.83	3.07	3.04	2.69	2.32	1.60
	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.	23.39	21.56	19.11	17.64	16.42	16.51	15.90	18.10	21.71	23.04	24.36	25.06	26.08	26.18	26.14	26.19	26.62	27.56	28.75	31.19	31.17	27.39	25.07	22.05
61761	2.35	1.93	1.71	1.31	1.13	1.12	0.97	1.22	1.53	2.08	2.13	2.26	2.50	2.55	2.59	2.64	2.66	2.64	2.80	3.04	3.04	2.71	2.38	1.75
	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
NORTH	20.00	18.81	16.67	15.87	14.91	14.92	14.53	16.28	19.77	20.21	21.40	21.89	22.36	22.40	22.30	22.33	22.71	23.63	24.55	26.77	26.72	23.44	21.87	19.88
61755	-1.03	-0.82	-0.73	-0.46	-0.38	-0.46	-0.40	-0.61	-0.40	-0.75	-0.82	-0.91	-1.23	-1.23	-1.25	-1.23	-1.25	-1.30	-1.40	-1.38	-1.41	-1.23	-0.82	-0.43
	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	22.61	20.91	18.62	17.28	16.12	16.26	15.77	17.85	21.49	22.41	23.82	24.49	25.43	25.50	25.44	25.44	25.85	26.89	27.90	30.24	30.18	26.52	24.27	21.44
61845	1.58	1.28	1.22	0.95	0.83	0.88	0.84	0.96	1.21	1.55	1.60	1.69	1.84	1.87	1.88	1.88	1.89	1.97	1.95	2.08	2.05	1.85	1.59	1.14
	0.00	0.00	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

O H 61846	20.55 -0.48 0.00	19.21 -0.43 0.00	16.86 -0.54 0.00	15.86 -0.47 0.00	14.91 -0.38 0.00	15.03 -0.35 0.00	14.60 -0.33 0.00	16.97 0.08 0.00	19.75 -0.52 -0.10	20.21 -0.65 0.10	21.60 -0.62 0.00	22.14 -0.66 0.00	22.88 -0.71 0.00	22.90 -0.73 0.00	22.82 -0.73 0.00	22.80 -0.75 0.00	23.24 -0.72 0.00	24.18 -0.75 0.00	25.02 -0.93 0.00	26.89 -1.27 0.00	27.00 -1.13 0.00	23.71 -0.96 0.00	22.05 -0.64 0.00	19.61 -0.69 0.00
PJM 61847	22.14 1.11 0.00	20.54 0.90 0.00	18.15 0.75 0.00	16.90 0.57 0.00	15.80 0.50 0.00	15.92 0.54 0.00	15.42 0.49 0.00	17.70 0.81 0.00	21.09 0.81 -0.10	21.95 1.09 0.10	23.38 1.15 0.00	24.01 1.21 0.00	24.93 1.34 0.00	25.00 1.37 0.00	24.94 1.39 0.00	24.94 1.39 0.00	25.37 1.41 0.00	26.37 1.45 0.00	27.43 1.48 0.00	29.67 1.52 0.00	29.67 1.55 0.00	26.05 1.38 0.00	23.93 1.25 0.00	21.08 0.77 0.00
WEST 61752	20.97 -0.06 0.00	19.58 -0.06 0.00	17.14 -0.26 0.00	16.14 -0.20 0.00	15.17 -0.12 0.00	15.31 -0.08 0.00	14.86 -0.07 0.00	17.26 0.37 0.00	19.96 -0.22 0.00	20.65 -0.31 0.00	22.02 -0.20 0.00	22.55 -0.25 0.00	23.30 -0.28 0.00	23.35 -0.28 0.00	23.24 -0.31 0.00	23.24 -0.31 0.00	23.67 -0.29 0.00	24.63 -0.30 0.00	25.43 -0.52 0.00	27.34 -0.82 0.00	27.48 -0.65 0.00	24.08 -0.59 0.00	22.46 -0.23 0.00	20.00 -0.30 0.00