

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/08/2017

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	19.13	17.00	15.92	14.87	14.90	16.20	19.60	21.26	22.45	24.42	25.99	26.75	27.55	28.20	28.90	29.50	31.51	31.69	29.19	27.75	27.09	23.71	20.33	18.85
61757	1.08	0.96	0.90	0.81	0.86	0.92	1.13	1.26	1.13	1.23	1.17	1.20	1.26	1.22	1.30	1.35	1.47	1.51	1.34	1.45	1.36	1.17	0.97	0.91
	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	18.43	16.34	15.30	14.32	14.32	15.61	18.90	20.40	21.88	23.90	25.70	26.57	27.49	28.31	28.68	29.16	30.88	30.97	28.60	26.91	26.37	23.08	19.81	18.42
61754	0.38	0.30	0.28	0.27	0.28	0.32	0.43	0.40	0.55	0.65	0.69	0.77	0.76	0.81	0.77	0.79	0.84	0.78	0.75	0.61	0.64	0.54	0.45	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.18	-0.25	-0.44	-0.53	-0.30	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	19.85	17.68	16.47	15.39	15.37	16.75	20.25	22.16	23.54	25.56	27.43	28.16	29.03	29.76	30.53	31.08	33.19	33.42	30.80	29.17	28.43	24.99	21.51	19.77
61760	1.80	1.64	1.46	1.34	1.33	1.47	1.77	2.16	2.22	2.37	2.61	2.61	2.73	2.78	2.92	2.93	3.15	3.23	2.95	2.87	2.70	2.46	2.15	1.83
	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	17.92	15.89	14.88	13.94	13.91	15.16	18.40	19.74	21.28	23.28	25.01	25.75	26.37	27.14	27.72	28.26	30.31	30.46	28.10	26.20	25.73	22.56	19.32	18.12
61753	-0.13	-0.14	-0.14	-0.11	-0.13	-0.12	-0.07	-0.26	-0.04	0.05	0.07	0.10	0.08	0.16	0.11	0.11	0.27	0.27	0.25	-0.10	0.00	0.02	-0.04	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.12	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	15.18	13.22	12.00	11.79	11.63	12.00	15.51	17.94	18.86	20.52	21.92	22.31	22.90	23.75	26.11	26.94	26.70	26.76	25.13	24.02	22.93	20.44	17.44	15.24
61844	-0.79	-0.71	-0.65	-0.60	-0.62	-0.67	-0.81	-0.88	-0.89	-1.00	-1.07	-1.07	-1.13	-1.16	-1.21	-1.21	-1.32	-1.33	-1.20	-1.13	-1.11	-0.97	-0.87	-0.81
	2.08	2.11	2.37	1.66	1.79	2.61	2.15	1.18	1.57	1.68	1.83	2.17	2.26	2.07	0.28	0.00	2.02	2.10	1.52	1.15	1.69	1.13	1.05	1.89
HUD VL	19.68	17.50	16.34	15.26	15.23	16.60	20.04	21.86	23.20	25.23	27.06	27.85	28.71	29.46	30.23	30.80	32.92	33.11	30.47	28.80	28.12	24.70	21.20	19.55
61758	1.63	1.46	1.32	1.21	1.19	1.31	1.57	1.86	1.88	2.04	2.23	2.30	2.42	2.48	2.62	2.65	2.88	2.93	2.62	2.50	2.39	2.16	1.84	1.62
	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
LONGIL	22.20	20.32	16.80	15.63	15.62	17.28	21.01	24.94	26.30	28.50	29.33	30.30	31.68	32.84	34.55	37.79	37.65	42.28	33.15	31.61	31.54	28.96	25.66	24.18
61762	2.47	2.26	1.77	1.57	1.57	1.99	2.53	2.90	3.01	3.27	3.57	3.60	3.76	3.89	4.08	4.14	4.44	4.53	4.21	3.94	3.76	3.36	2.92	2.55
	-1.67	-2.01	-0.01	-0.01	-0.01	-0.01	-0.01	-2.04	-1.97	-2.03	-0.93	-1.14	-1.63	-1.97	-2.86	-5.50	-3.16	-7.57	-1.10	-1.37	-2.06	-3.06	-3.38	-3.69
MHK VL	18.32	16.20	15.20	14.23	14.22	15.51	18.62	20.43	21.96	23.93	25.64	26.37	27.11	27.82	28.46	28.99	30.94	31.09	28.66	27.04	26.47	23.19	19.86	18.37
61756	0.27	0.22	0.18	0.18	0.18	0.23	0.35	0.46	0.64	0.74	0.82	0.82	0.82	0.84	0.86	0.84	0.90	0.90	0.81	0.74	0.75	0.65	0.50	0.43
	0.00	0.06	0.00	0.00	0.00	0.00	0.20	0.03	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	19.80	17.63	16.45	15.36	15.35	16.72	20.17	22.06	23.41	25.44	27.30	28.08	28.98	29.73	30.53	31.08	33.22	33.42	30.80	29.12	28.38	24.90	21.39	19.70
61759	1.75	1.59	1.43	1.31	1.31	1.44	1.70	2.06	2.09	2.25	2.48	2.53	2.68	2.75	2.92	2.93	3.18	3.23	2.95	2.82	2.65	2.37	2.03	1.76
	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.	20.08	17.89	16.67	15.54	15.53	16.89	20.41	22.41	23.79	26.39	27.91	28.47	29.32	30.66	31.02	31.69	33.46	33.69	31.40	30.06	29.45	26.12	23.14	20.02
61761	2.02	1.84	1.65	1.49	1.49	1.60	1.94	2.40	2.47	2.67	2.93	2.91	3.02	3.05	3.20	3.18	3.42	3.50	3.23	3.15	2.98	2.75	2.42	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.53	-0.17	0.00	0.00	-0.63	-0.21	-0.35	0.00	0.00	-0.33	-0.60	-0.74	-0.83	-1.36	0.00
NORTH	16.58	14.00	13.85	13.00	12.92	14.00	14.70	18.00	19.79	21.52	23.03	23.79	24.40	25.07	25.51	26.10	27.73	27.86	25.73	24.30	23.87	20.85	17.73	16.50
61755	-1.46	-1.31	-1.17	-1.05	-1.12	-1.24	-1.51	-1.62	-1.54	-1.67	-1.79	-1.76	-1.89	-1.92	-2.10	-2.05	-2.31	-2.32	-2.12	-2.00	-1.85	-1.69	-1.63	-1.44
	0.01	0.72	0.00	0.00	0.00	0.05	2.26	0.38	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	19.31	17.20	16.10	15.05	15.06	16.34	19.73	21.50	22.71	24.70	26.41	27.16	28.00	28.68	29.43	30.04	32.08	32.27	29.71	28.19	27.50	24.11	20.73	19.18
61845	1.26	1.16	1.08	1.00	1.02	1.05	1.26	1.50	1.39	1.51	1.59	1.61	1.71	1.70	1.82	1.89	2.04	2.08	1.87	1.89	1.77	1.58	1.37	1.24
	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

O H 61846	16.80 -0.25 1.00	14.73 -0.31 1.00	13.77 -0.21 1.04	13.32 -0.17 0.56	13.32 -0.17 0.55	13.83 -0.26 1.20	16.90 -0.37 1.20	19.42 -0.58 0.00	20.53 -0.34 0.45	22.44 -0.19 0.57	23.78 -0.22 0.81	24.24 -0.23 1.08	24.24 -0.34 1.71	24.65 -0.27 2.06	25.97 -0.44 1.19	26.80 -0.48 0.87	28.21 -0.63 1.20	28.30 -0.78 1.10	26.96 -0.59 0.30	25.48 -0.82 0.00	24.25 -0.59 0.89	21.76 -0.47 0.30	18.85 -0.48 0.03	16.07 -0.04 1.83
PJM 61847	18.97 0.92 0.00	16.86 0.82 0.00	15.77 0.75 0.00	14.75 0.70 0.00	14.76 0.72 0.00	16.05 0.76 0.00	19.36 0.89 0.00	20.98 0.98 0.00	22.45 1.13 0.00	24.57 1.27 -0.10	26.52 1.41 -0.29	27.40 1.46 -0.39	28.38 1.45 -0.64	29.24 1.48 -0.78	29.57 1.52 -0.45	29.97 1.49 -0.33	31.60 1.56 0.00	31.69 1.51 0.00	29.34 1.47 -0.02	27.61 1.31 0.00	27.06 1.34 0.00	23.75 1.22 0.00	20.42 1.03 -0.04	18.96 1.02 0.00
WEST 61752	18.14 0.09 0.00	16.04 0.00 0.00	15.08 0.06 0.00	14.12 0.07 0.00	14.12 0.08 0.00	15.30 0.02 0.00	18.49 0.02 0.00	19.90 -0.10 0.00	21.58 0.26 0.00	25.00 0.58 -1.23	28.89 0.59 -3.48	30.41 0.56 -4.29	33.08 0.50 -6.29	35.19 0.62 -7.59	32.40 0.41 -4.38	31.73 0.37 -3.21	30.28 0.24 0.00	30.25 0.06 0.00	27.99 0.14 0.00	26.09 -0.21 0.00	25.75 0.03 0.00	22.58 0.05 0.00	19.28 -0.08 0.00	18.30 0.36 0.00