

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/19/2018

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	26.62	24.37	23.07	23.10	20.17	20.13	20.41	20.88	21.89	24.95	25.82	27.69	30.19	31.57	31.86	33.11	34.81	35.24	34.15	33.88	32.34	28.55	26.54	23.63
61757	1.76	1.44	1.30	1.23	1.26	1.22	1.25	1.46	1.45	1.78	1.71	1.74	1.82	1.93	1.83	1.96	2.00	2.15	2.18	2.16	1.95	1.74	1.69	1.44
	0.00	-2.63	-3.51	-4.84	-1.93	-1.91	-2.01	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	25.13	20.81	18.85	17.75	17.34	17.34	17.50	19.68	20.70	23.47	24.59	26.52	29.08	30.27	30.75	31.99	33.79	34.12	32.97	33.18	31.85	27.56	25.57	22.83
61754	0.27	0.22	0.20	0.19	0.15	0.14	0.14	0.25	0.26	0.30	0.48	0.57	0.71	0.62	0.72	0.84	0.98	1.03	0.99	0.98	0.97	0.75	0.72	0.64
	0.00	-0.28	-0.38	-0.52	-0.21	-0.21	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.48	0.00	0.00	0.00
DUNWOD	27.59	24.34	22.70	22.21	20.03	20.07	20.28	21.41	22.66	25.72	26.76	28.75	31.41	32.91	33.27	34.42	36.02	36.34	35.07	34.86	33.44	29.59	27.26	24.36
61760	2.73	2.17	1.96	1.76	1.68	1.72	1.71	1.98	2.23	2.55	2.65	2.80	3.04	3.26	3.24	3.27	3.22	3.24	3.10	3.14	3.04	2.79	2.41	2.18
	0.00	-1.86	-2.48	-3.42	-1.36	-1.35	-1.42	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	24.70	20.42	18.36	17.28	16.94	16.94	17.09	19.35	20.33	22.96	24.23	26.18	28.77	29.97	30.24	31.52	33.59	34.05	32.87	32.64	31.25	27.56	25.74	22.98
61753	-0.15	-0.10	-0.20	-0.15	-0.20	-0.22	-0.22	-0.08	-0.10	-0.21	0.12	0.23	0.40	0.33	0.21	0.38	0.79	0.96	0.89	0.92	0.85	0.75	0.89	0.80
	0.00	-0.22	-0.29	-0.40	-0.16	-0.16	-0.17	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	16.97	16.25	16.25	16.25	16.25	16.25	16.58	18.74	19.72	22.34	23.22	23.04	24.44	24.44	24.76	25.92	31.66	31.90	30.79	30.51	29.27	25.82	23.93	21.24
61844	-0.89	-0.75	-0.68	-0.63	-0.58	-0.58	-0.57	-0.68	-0.72	-0.83	-0.89	-0.93	-1.02	-1.07	-1.08	-1.12	-1.15	-1.19	-1.18	-1.21	-1.12	-0.99	-0.92	-0.84
	6.99	3.30	1.34	0.16	0.16	0.17	0.00	0.00	0.00	0.00	0.00	1.98	2.91	4.14	4.19	4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
HUD VL	27.41	24.17	22.55	22.07	19.93	19.95	20.15	21.23	22.48	25.49	26.52	28.52	31.15	32.67	33.06	34.26	35.89	36.24	34.98	34.76	33.31	29.44	27.16	24.22
61758	2.56	2.03	1.83	1.65	1.60	1.62	1.59	1.81	2.04	2.32	2.41	2.57	2.78	3.03	3.03	3.11	3.08	3.15	3.00	3.05	2.92	2.63	2.31	2.04
	0.00	-1.84	-2.45	-3.38	-1.35	-1.34	-1.41	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	34.92	30.15	26.03	25.41	20.78	23.22	21.05	22.02	25.96	29.15	31.09	32.78	35.01	36.28	39.36	38.46	39.15	38.69	37.29	37.00	35.69	32.28	41.22	27.17
61762	3.80	3.07	2.79	2.52	2.43	2.50	2.47	2.58	3.19	3.64	3.69	3.89	4.23	4.50	4.50	4.55	4.63	4.73	4.51	4.50	4.16	3.72	3.33	3.04
	-6.26	-6.78	-4.97	-5.84	-1.37	-3.72	-1.44	-0.01	-2.34	-2.34	-3.30	-2.94	-2.41	-2.13	-4.83	-2.76	-1.71	-0.87	-0.81	-0.78	-1.13	-1.75	-13.05	-1.95
MHK VL	25.55	21.13	19.16	18.00	17.58	17.56	17.74	19.89	21.03	23.96	24.90	26.94	29.42	30.68	31.11	32.27	34.05	34.38	33.22	33.20	31.90	27.82	25.72	22.85
61756	0.69	0.53	0.49	0.41	0.37	0.36	0.38	0.47	0.59	0.79	0.79	0.99	1.05	1.04	1.08	1.12	1.25	1.29	1.25	1.21	1.22	1.02	0.87	0.66
	0.00	-0.30	-0.40	-0.55	-0.22	-0.20	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.28	0.00	0.00	0.00
MILLWD	27.54	24.31	22.69	22.23	20.01	20.03	20.26	21.35	22.62	25.65	26.71	28.73	31.35	32.85	33.21	34.39	35.99	36.37	35.07	34.89	33.44	29.57	27.26	24.29
61759	2.68	2.13	1.92	1.74	1.65	1.67	1.68	1.92	2.19	2.48	2.60	2.78	2.98	3.20	3.18	3.24	3.18	3.28	3.10	3.17	3.04	2.76	2.41	2.11
	0.00	-1.88	-2.50	-3.45	-1.38	-1.36	-1.44	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.	28.02	24.70	23.00	22.51	20.28	20.29	20.49	21.76	24.34	26.14	27.31	29.13	31.82	33.37	36.00	34.80	37.40	39.89	39.00	38.88	37.99	32.10	27.64	24.74
61761	3.16	2.54	2.25	2.04	1.94	1.94	1.92	2.23	2.47	2.87	3.01	3.16	3.43	3.71	3.72	3.64	3.51	3.57	3.39	3.46	3.43	3.22	2.78	2.55
	-0.01	-1.86	-2.49	-3.43	-1.37	-1.35	-1.42	-0.10	-1.43	-0.10	-0.19	-0.02	-0.02	-0.01	-2.25	-0.01	-1.08	-3.22	-3.64	-3.70	-4.16	-2.08	-0.01	0.00
NORTH	23.66	19.25	17.30	16.12	16.15	16.14	16.43	18.49	19.47	22.03	22.93	24.76	27.07	28.31	28.71	29.75	31.43	31.64	30.47	30.13	28.91	25.57	23.61	21.03
61755	-1.19	-1.06	-0.97	-0.92	-0.83	-0.87	-0.72	-0.93	-0.96	-1.13	-1.18	-1.19	-1.30	-1.33	-1.32	-1.40	-1.38	-1.46	-1.50	-1.59	-1.49	-1.23	-1.24	-1.15
	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	26.91	24.25	22.79	22.60	20.00	20.00	20.24	20.98	22.11	25.12	26.09	27.98	30.53	31.96	32.31	33.45	35.10	35.44	34.28	34.03	32.55	28.76	26.66	23.80
61845	2.06	1.67	1.48	1.36	1.34	1.34	1.35	1.55	1.68	1.95	1.98	2.03	2.16	2.31	2.28	2.31	2.30	2.35	2.30	2.31	2.16	1.96	1.81	1.62
	0.00	-2.28	-3.04	-4.20	-1.67	-1.65	-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

O H 61846	24.16 -0.70 0.00	20.15 -0.45 -0.29	18.17 -0.49 -0.39	17.20 -0.37 -0.54	16.79 -0.41 -0.22	16.81 -0.41 -0.21	16.98 -0.39 -0.22	19.21 -0.21 0.00	20.07 -0.37 0.00	22.57 -0.60 0.00	23.97 -0.14 0.00	25.85 -0.10 0.00	28.31 -0.06 0.00	29.50 -0.15 0.00	29.91 -0.12 0.00	31.12 -0.03 0.00	33.10 0.29 0.00	33.42 0.33 0.00	32.26 0.29 0.00	31.88 0.16 0.00	30.61 0.21 0.00	27.02 0.21 0.00	25.54 0.69 0.00	22.89 0.71 0.00
PJM 61847	26.00 1.14 0.00	22.39 0.95 -1.13	20.60 0.82 -1.51	19.88 0.77 -2.08	18.54 0.73 -0.83	18.55 0.73 -0.82	18.74 0.74 -0.86	20.38 0.95 -0.01	21.58 1.04 -0.11	24.31 1.14 -0.01	25.50 1.37 -0.01	27.46 1.50 0.00	30.02 1.64 0.00	31.37 1.72 0.00	31.77 1.74 0.00	32.96 1.81 0.00	34.71 1.90 0.00	35.01 1.92 0.00	33.79 1.82 0.00	33.69 1.81 -0.16	32.33 1.76 -0.17	28.41 1.61 0.00	26.41 1.57 0.00	23.61 1.42 0.00
WEST 61752	24.65 -0.20 0.00	20.53 -0.06 -0.28	18.48 -0.16 -0.38	17.49 -0.07 -0.52	17.09 -0.10 -0.21	17.11 -0.10 -0.21	17.29 -0.07 -0.22	19.64 0.21 0.00	20.52 0.08 0.00	23.08 -0.09 0.00	24.66 0.55 0.00	26.62 0.67 0.00	29.16 0.79 0.00	30.42 0.77 0.00	30.84 0.81 0.00	32.12 0.97 0.00	34.19 1.38 0.00	34.48 1.39 0.00	33.25 1.28 0.00	32.83 1.11 0.00	31.55 1.15 0.00	27.80 0.99 0.00	26.31 1.47 0.00	23.52 1.33 0.00