

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/28/2018

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	25.16	22.52	20.94	19.69	19.67	21.61	28.05	31.83	32.89	29.93	28.18	26.39	25.90	24.67	23.83	23.52	24.23	25.64	28.36	32.87	28.91	25.02	22.04	19.11
61757	0.99	0.84	0.71	1.05	1.11	1.41	1.74	2.11	2.38	2.04	1.77	1.75	1.74	1.64	1.52	1.60	1.56	1.72	1.91	2.21	1.99	1.64	1.50	1.22
	-9.80	-9.49	-9.58	-4.06	-3.33	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 61754	15.82	13.57	12.00	15.38	15.93	20.64	26.95	30.34	31.00	28.40	26.97	25.08	24.57	23.42	22.64	22.20	23.05	24.25	26.98	31.09	27.41	23.92	20.91	18.22
	0.27	0.24	0.20	0.31	0.30	0.44	0.63	0.63	0.49	0.50	0.56	0.44	0.41	0.39	0.34	0.28	0.38	0.33	0.53	0.43	0.49	0.54	0.37	0.32
	-1.18	-1.14	-1.15	-0.49	-0.40	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 61760	23.03	20.35	18.68	19.03	19.21	22.34	29.34	33.25	34.26	31.30	29.66	27.69	27.10	25.93	25.16	24.70	25.47	26.98	29.73	34.62	30.40	26.26	22.92	19.95
	1.61	1.34	1.14	1.53	1.58	2.14	3.02	3.53	3.75	3.40	3.25	3.05	2.95	2.90	2.86	2.78	2.81	3.06	3.28	3.96	3.47	2.88	2.38	2.06
	-7.05	-6.83	-6.90	-2.92	-2.40	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 61753	15.11	12.93	11.38	14.80	15.33	19.98	26.03	29.57	29.99	27.62	26.31	24.27	23.87	22.64	21.91	21.46	22.44	23.46	26.19	30.02	26.49	23.22	20.17	17.59
	-0.14	-0.11	-0.13	-0.15	-0.20	-0.22	-0.29	-0.15	-0.52	-0.28	-0.11	-0.37	-0.29	-0.39	-0.40	-0.46	-0.23	-0.46	-0.26	-0.65	-0.43	-0.16	-0.37	-0.30
	-0.88	-0.86	-0.86	-0.37	-0.30	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 61844	13.84	11.72	10.25	14.03	14.67	19.43	25.39	30.52	27.60	26.92	25.49	23.77	23.34	22.20	21.53	21.13	21.87	23.05	25.47	29.59	25.93	22.52	19.80	17.25
	-0.53	-0.46	-0.39	-0.55	-0.56	-0.77	-0.92	-1.04	-1.07	-0.98	-0.93	-0.86	-0.82	-0.83	-0.78	-0.79	-0.79	-0.86	-0.98	-1.07	-1.00	-0.86	-0.74	-0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.84	1.84	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
HUD VL 61758	22.79	20.15	18.50	18.84	19.00	22.10	28.95	32.78	33.86	30.94	29.32	27.37	26.79	25.61	24.83	24.42	25.18	26.66	29.36	34.19	30.02	25.96	22.61	19.68
	1.44	1.21	1.03	1.37	1.40	1.90	2.63	3.06	3.36	3.04	2.91	2.73	2.63	2.58	2.52	2.50	2.52	2.75	2.91	3.52	3.09	2.57	2.07	1.79
	-6.98	-6.76	-6.83	-2.89	-2.37	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 61762	23.60	20.80	19.06	19.58	19.73	23.11	35.69	41.81	35.80	35.73	36.59	33.55	30.68	29.79	29.32	29.30	30.19	32.54	35.45	44.95	37.83	32.90	28.29	23.11
	2.17	1.78	1.51	2.07	2.10	2.91	3.97	4.61	5.03	4.44	4.20	3.92	3.79	3.71	3.73	3.55	3.63	3.94	4.28	5.06	4.52	3.81	3.22	2.77
	-7.06	-6.84	-6.90	-2.93	-2.40	0.00	-5.40	-7.48	-0.26	-3.39	-5.98	-5.00	-2.73	-3.05	-3.28	-3.83	-3.90	-4.68	-4.71	-9.23	-6.39	-5.70	-4.53	-2.44
MHK VL 61756	15.83	13.56	11.99	15.34	15.95	20.62	27.10	30.67	31.61	28.90	27.39	25.60	25.08	23.88	23.13	22.53	23.32	24.58	27.25	31.62	27.65	24.01	20.99	18.27
	0.29	0.24	0.20	0.28	0.32	0.42	0.79	0.95	1.10	1.00	0.98	0.96	0.92	0.85	0.83	0.61	0.66	0.67	0.79	0.95	0.73	0.63	0.45	0.38
	-1.17	-1.13	-1.14	-0.48	-0.40	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 61759	23.06	20.39	18.71	19.04	19.19	22.28	29.29	33.22	34.26	31.33	29.69	27.69	27.13	25.93	25.16	24.70	25.47	27.00	29.76	34.65	30.40	26.24	22.86	19.88
	1.59	1.33	1.13	1.52	1.55	2.08	2.97	3.50	3.75	3.43	3.27	3.05	2.97	2.90	2.86	2.78	2.81	3.09	3.31	3.98	3.47	2.85	2.32	1.99
	-7.10	-6.88	-6.94	-2.94	-2.41	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	0.00	0.00
N.Y.C. 61761	23.42	20.66	18.94	19.39	19.57	22.83	32.06	37.38	37.95	37.74	37.44	37.41	37.31	36.40	36.04	36.10	36.58	36.46	36.64	38.40	35.71	34.50	29.35	25.74
	1.98	1.63	1.39	1.88	1.93	2.62	3.71	4.34	4.61	4.18	3.99	3.72	3.60	3.50	3.43	3.35	3.42	3.71	4.05	4.84	4.28	3.58	2.94	2.51
	-7.07	-6.84	-6.91	-2.93	-2.40	-0.01	-2.03	-3.32	-2.84	-5.66	-7.04	-9.06	-9.55	-9.87	-10.30	-10.82	-10.49	-8.84	-6.14	-2.89	-4.51	-7.54	-5.88	-5.34
NORTH 61755	13.59	11.51	10.06	13.79	14.42	19.11	25.08	28.44	29.04	26.62	25.20	23.50	23.10	21.93	21.30	20.87	21.60	22.67	25.08	29.28	25.49	22.19	19.51	17.00
	-0.78	-0.67	-0.59	-0.79	-0.81	-1.09	-1.24	-1.28	-1.46	-1.28	-1.21	-1.13	-1.06	-1.11	-1.00	-1.05	-1.06	-1.24	-1.38	-1.38	-1.43	-1.19	-1.03	-0.89
	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 61845	24.59	22.00	20.43	19.50	19.49	24.40	27.95	34.00	30.80	29.60	27.89	26.14	25.63	24.46	23.62	23.37	24.00	25.47	28.17	32.60	28.70	24.81	22.00	19.06
	0.95	0.84	0.72	1.08	1.11	1.39	1.63	1.96	2.13	1.70	1.48	1.50	1.47	1.43	1.32	1.45	1.34	1.55	1.72	1.93	1.78	1.43	1.46	1.16
	-9.27	-8.98	-9.06	-3.84	-3.15	-2.81	0.00	-2.32	1.84	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	15.29 -0.26 -1.18	13.16 -0.17 -1.15	11.63 -0.17 -1.16	14.85 -0.22 -0.49	15.26 -0.37 -0.40	19.69 -0.50 0.00	25.53 -0.79 0.00	30.55 -1.01 -1.84	27.29 -1.37 1.84	26.87 -1.03 0.00	25.62 -0.79 0.00	23.65 -0.99 0.00	23.22 -0.94 0.00	22.16 -0.88 0.00	21.41 -0.89 0.00	21.00 -0.92 0.00	21.92 -0.75 0.00	22.84 -1.08 0.00	25.58 -0.87 0.00	29.10 -1.56 0.00	25.93 -1.00 0.00	22.87 -0.51 0.00	19.74 -0.80 0.00	17.29 -0.61 0.00
PJM 61847	19.48 0.80 -4.31	17.05 0.69 -4.17	15.44 0.59 -4.21	17.15 0.79 -1.78	17.45 0.76 -1.46	21.23 1.03 0.00	27.94 1.42 -0.20	33.39 1.51 -2.15	30.33 1.43 1.62	29.76 1.39 -0.46	28.42 1.43 -0.58	26.63 1.26 -0.73	26.14 1.21 -0.77	25.06 1.24 -0.79	24.31 1.18 -0.82	23.92 1.14 -0.86	24.70 1.20 -0.84	25.82 1.20 -0.71	28.40 1.43 -0.52	32.38 1.47 -0.24	28.82 1.51 -0.39	25.52 1.43 -0.71	22.07 1.03 -0.50	19.32 0.91 -0.51
WEST 61752	15.50 -0.01 -1.15	13.33 0.04 -1.11	11.76 0.00 -1.12	15.07 0.01 -0.47	15.50 -0.12 -0.39	20.02 -0.18 0.00	26.05 -0.26 0.00	29.42 -0.30 0.00	29.87 -0.64 0.00	27.59 -0.31 0.00	26.33 -0.08 0.00	24.27 -0.37 0.00	23.82 -0.34 0.00	22.73 -0.30 0.00	21.95 -0.36 0.00	21.50 -0.42 0.00	22.51 -0.16 0.00	23.44 -0.48 0.00	26.24 -0.21 0.00	29.84 -0.83 0.00	26.60 -0.32 0.00	23.48 0.09 0.00	20.17 -0.37 0.00	17.59 -0.30 0.00