

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/30/2016

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	21.54	19.78	18.31	17.11	16.29	15.66	13.88	15.15	17.94	22.24	23.65	25.34	26.98	28.43	28.73	29.40	30.25	30.32	28.85	25.60	25.36	24.36	23.52	21.30
61757	1.30	1.21	1.13	1.06	0.98	0.94	0.80	0.55	0.84	1.08	1.06	1.21	1.33	1.43	1.47	1.48	1.52	1.47	1.45	1.24	1.23	1.22	1.12	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.05	-0.05	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
CENTRL	20.28	18.55	17.07	15.98	15.24	14.71	13.10	14.87	17.17	21.25	22.70	24.21	25.72	27.05	27.30	28.13	29.07	29.05	27.59	24.60	24.25	23.19	22.58	20.22
61754	0.04	-0.02	-0.10	-0.08	-0.06	-0.01	0.01	0.28	0.07	0.08	0.11	0.07	0.08	0.05	0.11	0.20	0.20	0.20	0.19	0.24	0.12	0.07	0.18	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	22.71	20.91	19.25	17.90	17.05	16.37	14.51	16.17	19.21	23.89	25.50	27.25	28.93	30.53	32.59	32.76	33.86	32.48	30.80	27.35	27.20	26.48	25.34	22.61
61760	2.47	2.34	2.08	1.85	1.74	1.65	1.43	1.58	2.10	2.71	2.91	3.11	3.28	3.54	3.59	3.71	3.84	3.63	3.40	3.00	3.07	3.05	2.93	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	-1.82	-1.18	-1.34	0.00	0.00	0.00	0.00	-0.30	0.00	0.00
GENESE	19.76	17.94	16.44	15.41	14.71	14.21	12.59	14.84	16.66	20.63	22.00	23.32	24.77	26.03	26.16	26.98	27.70	27.92	26.55	23.84	23.46	22.36	22.20	19.90
61753	-0.49	-0.63	-0.74	-0.64	-0.60	-0.52	-0.50	0.25	-0.44	-0.53	-0.59	-0.82	-0.87	-0.97	-1.03	-0.89	-0.98	-0.92	-0.85	-0.51	-0.68	-0.76	-0.20	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.57	17.96	16.62	15.56	14.83	14.25	12.69	14.12	16.56	20.44	21.84	23.34	24.80	26.08	26.21	26.84	27.61	27.90	26.50	23.53	23.36	22.36	21.64	19.39
61844	-0.67	-0.61	-0.55	-0.50	-0.47	-0.47	-0.39	-0.47	-0.55	-0.72	-0.74	-0.80	-0.85	-0.92	-0.98	-1.03	-1.06	-0.95	-0.90	-0.83	-0.77	-0.76	-0.76	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.53	20.74	19.12	17.81	16.94	16.24	14.39	16.01	19.00	23.57	25.16	26.89	28.65	30.24	31.92	32.23	33.28	32.22	30.58	27.16	26.95	26.11	25.02	22.33
61758	2.29	2.17	1.94	1.75	1.64	1.52	1.31	1.42	1.90	2.41	2.57	2.75	3.00	3.24	3.34	3.46	3.58	3.37	3.18	2.80	2.82	2.75	2.62	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.39	-0.90	-1.02	0.00	0.00	0.00	0.00	-0.23	0.00	0.00
LONGIL	24.17	22.49	21.06	18.42	17.58	17.39	20.04	21.84	25.36	29.87	27.51	30.53	32.77	35.00	38.48	44.50	52.25	44.50	36.35	30.17	29.21	27.51	26.19	23.29
61762	3.18	2.97	2.63	2.36	2.26	2.18	1.88	2.13	2.77	3.49	3.79	4.01	4.23	4.56	4.68	4.85	4.99	4.85	4.49	3.95	3.93	3.81	3.79	3.21
	-0.75	-0.95	-1.25	-0.01	-0.01	-0.49	-5.07	-5.12	-5.49	-5.21	-1.13	-2.38	-2.90	-3.44	-6.61	-11.78	-18.59	-10.81	-4.46	-1.86	-1.15	-0.57	0.00	0.00
MHK VL	20.87	19.09	17.62	16.47	15.73	15.12	13.46	15.06	17.65	21.88	23.40	25.03	26.54	27.94	28.24	28.94	29.76	29.89	28.42	25.21	24.93	23.86	23.08	20.64
61756	0.63	0.52	0.45	0.42	0.43	0.40	0.38	0.47	0.55	0.72	0.81	0.89	0.90	0.94	0.95	1.00	1.00	1.04	1.01	0.85	0.80	0.72	0.67	0.56
	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	-0.10	-0.07	-0.08	0.00	0.00	0.00	0.00	-0.02	0.00	0.00
MILLWD	22.61	20.82	19.18	17.85	16.97	16.31	14.45	16.05	19.11	23.77	25.39	27.15	28.83	30.45	32.48	32.66	33.75	32.37	30.72	27.25	27.07	26.31	25.18	22.49
61759	2.37	2.25	2.01	1.80	1.67	1.59	1.36	1.46	2.00	2.60	2.80	3.02	3.18	3.46	3.51	3.62	3.76	3.52	3.31	2.90	2.94	2.89	2.78	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	-1.79	-1.16	-1.32	0.00	0.00	0.00	0.00	-0.30	0.00	0.00
N.Y.C.	22.96	21.12	19.45	18.08	17.22	16.54	14.64	16.31	19.40	26.07	27.08	30.13	33.15	34.86	36.51	39.00	39.00	36.37	34.97	32.24	32.12	31.80	27.80	27.25
61761	2.71	2.54	2.27	2.02	1.91	1.81	1.56	1.72	2.29	2.96	3.19	3.38	3.54	3.81	3.89	4.01	4.13	3.89	3.67	3.21	3.31	3.33	3.23	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-1.31	-2.62	-3.96	-4.06	-5.43	-7.11	-6.19	-3.63	-3.89	-4.67	-4.68	-5.35	-2.17	-4.40
NORTH	19.29	17.63	16.39	15.33	14.63	14.00	12.54	13.96	16.32	20.17	21.59	23.12	24.57	25.78	25.75	26.29	27.07	27.64	26.22	23.26	23.17	22.13	21.33	19.09
61755	-0.95	-0.95	-0.79	-0.72	-0.67	-0.72	-0.55	-0.63	-0.79	-0.99	-0.99	-1.01	-1.08	-1.21	-1.44	-1.59	-1.61	-1.21	-1.18	-1.10	-0.97	-0.99	-1.08	-0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.86	20.10	18.60	17.36	16.51	15.88	14.08	15.57	18.42	22.83	24.33	26.02	27.67	29.16	30.23	30.69	31.65	31.07	29.54	26.23	26.02	25.11	24.15	21.68
61845	1.62	1.52	1.42	1.30	1.21	1.16	0.99	0.98	1.32	1.67	1.74	1.88	2.03	2.16	2.23	2.29	2.38	2.22	2.14	1.88	1.88	1.85	1.75	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-0.53	-0.60	0.00	0.00	0.00	0.00	-0.14	0.00	0.00

O H 61846	19.39 -0.85 0.00	17.74 -0.84 0.00	16.21 -0.96 0.00	15.20 -0.85 0.00	14.53 -0.78 0.00	14.04 -0.68 0.00	12.60 -0.48 0.00	14.93 0.34 0.00	16.42 -0.68 0.00	20.23 -0.93 0.00	21.48 -1.11 0.00	22.76 -1.37 0.00	24.26 -1.39 0.00	25.35 -1.65 0.00	25.50 -1.69 0.00	26.00 -1.48 0.40	26.00 -1.46 1.21	27.35 -1.50 0.00	25.95 -1.45 0.00	23.41 -0.95 0.00	22.95 -1.18 0.00	21.90 -1.23 0.00	21.85 -0.56 0.00	19.60 -0.48 0.00
PJM 61847	20.93 0.69 0.00	19.26 0.69 0.00	17.69 0.51 0.00	16.50 0.45 0.00	15.75 0.44 0.00	15.16 0.44 0.00	13.53 0.45 0.00	15.39 0.80 0.00	17.74 0.63 0.00	21.95 0.78 0.00	23.40 0.81 0.00	24.93 0.80 0.00	26.52 0.87 0.00	27.92 0.92 0.00	28.89 0.95 -0.75	29.56 1.09 -0.60	30.73 1.15 -0.90	29.89 1.04 0.00	28.39 0.99 0.00	25.33 0.98 0.00	25.00 0.87 0.00	24.08 0.83 -0.13	23.44 1.03 0.00	20.96 0.88 0.00
WEST 61752	19.74 -0.51 0.00	18.03 -0.54 0.00	16.44 -0.74 0.00	15.41 -0.64 0.00	14.72 -0.58 0.00	14.24 -0.49 0.00	12.80 -0.29 0.00	15.29 0.70 0.00	16.74 -0.36 0.00	20.68 -0.49 0.00	22.00 -0.59 0.00	23.34 -0.80 0.00	24.88 -0.77 0.00	26.00 -1.00 0.00	26.13 -1.06 0.00	28.40 -0.81 -1.34	32.02 -0.75 -4.09	28.04 -0.81 0.00	26.55 -0.85 0.00	23.97 -0.39 0.00	23.46 -0.68 0.00	22.38 -0.74 0.00	22.38 -0.02 0.00	20.02 -0.06 0.00