

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/01/2016

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	20.46	21.33	18.83	17.88	17.39	17.21	18.79	18.66	22.29	22.87	24.89	24.20	19.96	17.48	16.13	15.66	18.56	19.07	19.70	21.13	25.04	19.85	16.42	16.28
61757	1.30	1.05	0.89	0.92	1.04	1.14	0.92	0.88	1.20	1.60	1.62	1.67	1.24	1.10	1.00	0.97	1.15	1.16	1.19	1.25	1.55	1.19	0.99	0.97
	0.00	-5.05	-5.16	-3.76	-1.35	-0.02	-4.36	-5.05	-5.04	0.00	-1.92	0.00	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	19.54	16.34	13.84	14.06	15.51	16.42	14.45	13.78	17.15	21.72	22.18	23.05	19.23	16.86	15.55	15.12	17.90	18.44	19.07	20.44	24.12	19.14	15.80	15.68
61754	0.38	0.30	0.24	0.26	0.28	0.37	0.24	0.24	0.30	0.45	0.47	0.52	0.51	0.48	0.42	0.43	0.49	0.54	0.55	0.56	0.63	0.48	0.37	0.37
	0.00	-0.81	-0.82	-0.60	-0.22	0.00	-0.70	-0.81	-0.81	0.00	-0.36	0.00	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	21.30	21.01	18.34	17.65	17.66	17.72	18.49	18.22	22.01	23.65	25.35	25.07	24.62	23.61	23.19	23.74	25.59	25.56	26.02	27.16	32.71	27.51	21.74	20.80
61760	2.14	1.66	1.35	1.37	1.55	1.65	1.42	1.36	1.84	2.38	2.43	2.54	2.19	1.95	1.80	1.75	2.09	2.15	2.18	2.32	2.82	2.24	1.84	1.79
	0.00	-4.13	-4.22	-3.08	-1.10	-0.02	-3.57	-4.13	-4.12	0.00	-1.57	0.00	-3.71	-5.28	-6.26	-7.30	-6.09	-5.50	-5.32	-4.95	-6.40	-6.61	-4.47	-3.70
GENESE	18.96	15.72	13.28	13.53	15.00	16.00	13.83	13.05	16.30	20.78	21.16	22.08	18.56	16.29	15.02	14.65	17.31	17.87	18.55	19.84	23.27	18.45	15.26	15.21
61753	-0.19	-0.14	-0.14	-0.13	-0.18	-0.05	-0.22	-0.31	-0.37	-0.49	-0.43	-0.45	-0.17	-0.10	-0.11	-0.04	-0.10	-0.04	0.04	-0.04	-0.21	-0.20	-0.17	-0.11
	0.00	-0.63	-0.64	-0.47	-0.17	0.00	-0.54	-0.63	-0.63	0.00	-0.24	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
H Q	14.44	14.53	12.25	11.92	11.94	11.69	13.03	11.09	14.30	16.39	17.09	16.57	14.97	13.29	12.26	11.87	13.69	14.12	15.41	17.00	19.54	17.94	14.86	14.76
61844	-0.71	-0.56	-0.46	-0.47	-0.53	-0.61	-0.46	-0.45	-0.61	-0.79	-0.83	-0.86	-0.73	-0.66	-0.61	-0.60	-0.71	-0.73	-0.76	-0.78	-0.89	-0.71	-0.57	-0.55
	4.01	0.14	0.06	0.80	2.54	3.75	0.02	1.20	1.13	4.10	3.43	5.10	3.03	2.44	2.27	2.22	3.01	3.05	2.34	2.10	3.05	0.00	0.00	0.00
HUD VL	21.05	20.73	18.12	17.46	17.50	17.56	18.26	17.94	21.66	23.34	25.00	24.76	22.18	20.37	19.41	19.39	21.93	22.20	22.75	24.08	28.79	23.49	19.01	18.47
61758	1.90	1.46	1.21	1.25	1.41	1.49	1.26	1.17	1.59	2.06	2.11	2.23	1.87	1.69	1.56	1.53	1.84	1.88	1.91	2.05	2.51	1.96	1.62	1.55
	0.00	-4.04	-4.13	-3.01	-1.08	-0.02	-3.49	-4.04	-4.03	0.00	-1.54	0.00	-1.58	-2.30	-2.72	-3.17	-2.67	-2.41	-2.33	-2.15	-2.79	-2.88	-1.96	-1.61
LONGIL	21.82	21.40	18.69	17.99	18.03	18.11	18.87	18.56	22.43	24.24	25.87	25.62	25.33	24.34	23.95	24.54	26.30	26.28	26.76	27.97	33.77	28.37	22.44	21.46
61762	2.66	2.04	1.69	1.70	1.91	2.04	1.78	1.69	2.26	2.96	2.95	3.09	2.66	2.34	2.16	2.10	2.42	2.53	2.59	2.82	3.48	2.69	2.25	2.22
	-0.01	-4.13	-4.22	-3.08	-1.11	-0.03	-3.58	-4.13	-4.13	-0.01	-1.58	-0.01	-3.95	-5.61	-6.66	-7.75	-6.47	-5.85	-5.66	-5.26	-6.81	-7.03	-4.76	-3.93
MHK VL	19.71	16.50	14.00	14.19	15.66	16.50	14.63	14.01	17.39	21.95	22.36	23.25	19.34	16.86	15.57	15.12	17.97	18.49	19.14	20.56	24.33	19.29	15.91	15.77
61756	0.56	0.40	0.33	0.34	0.42	0.45	0.36	0.41	0.48	0.68	0.68	0.72	0.62	0.48	0.44	0.43	0.56	0.59	0.63	0.68	0.84	0.63	0.48	0.46
	0.00	-0.87	-0.89	-0.65	-0.23	0.00	-0.75	-0.87	-0.87	0.00	-0.33	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
MILLWD	21.30	21.02	18.38	17.68	17.69	17.74	18.44	18.20	22.04	23.65	25.33	25.05	22.67	20.88	19.95	19.97	22.54	22.77	23.31	24.62	29.45	24.10	19.46	18.94
61759	2.14	1.66	1.38	1.40	1.58	1.67	1.36	1.34	1.88	2.38	2.41	2.52	2.19	1.97	1.81	1.78	2.16	2.18	2.20	2.36	2.89	2.27	1.85	1.79
	0.00	-4.13	-4.22	-3.08	-1.10	-0.02	-3.57	-4.13	-4.12	0.00	-1.57	0.00	-1.76	-2.53	-3.00	-3.50	-2.97	-2.68	-2.59	-2.38	-3.07	-3.17	-2.18	-1.83
N.Y.C.	21.41	21.08	18.38	17.67	17.69	17.75	18.53	18.27	22.09	23.96	25.51	25.21	24.96	24.04	23.66	24.28	26.09	26.00	26.47	27.59	33.23	28.01	22.10	21.10
61761	2.26	1.72	1.39	1.40	1.58	1.68	1.46	1.41	1.92	2.51	2.56	2.68	2.30	2.06	1.89	1.85	2.21	2.26	2.31	2.46	2.96	2.35	1.93	1.87
	0.00	-4.13	-4.22	-3.07	-1.10	-0.02	-3.57	-4.12	-4.12	-0.17	-1.60	0.00	-3.93	-5.59	-6.64	-7.74	-6.46	-5.84	-5.65	-5.25	-6.79	-7.01	-4.74	-3.92
NORTH	17.99	14.30	12.06	12.46	14.19	15.07	12.80	12.07	15.00	20.00	19.90	21.06	17.51	15.22	14.07	13.63	16.16	16.58	17.16	18.61	22.03	17.50	14.52	14.49
61755	-1.17	-0.93	-0.72	-0.74	-0.83	-0.98	-0.70	-0.66	-1.04	-1.28	-1.45	-1.46	-1.22	-1.16	-1.06	-1.06	-1.25	-1.32	-1.35	-1.27	-1.46	-1.16	-0.91	-0.83
	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
NPX	20.82	21.02	18.47	17.70	17.83	17.83	20.28	20.18	24.29	26.02	25.07	24.60	22.51	20.56	19.39	19.25	21.12	21.64	23.01	25.70	27.79	22.91	20.83	18.77
61845	1.67	1.29	1.10	1.15	1.32	1.43	1.20	1.15	1.54	2.00	2.01	2.07	1.78	1.61	1.47	1.44	1.71	1.74	1.78	1.89	2.30	1.81	1.50	1.46
	0.00	-4.50	-4.60	-3.35	-1.50	-0.35	-5.57	-6.30	-6.71	-2.75	-1.71	0.00	-2.00	-2.57	-2.79	-3.12	-2.00	-2.00	-2.72	-3.93	-2.00	-2.45	-3.90	-2.00

O H 61846	16.94 -0.21 2.00	16.19 0.00 -0.96	13.72 -0.04 -0.98	13.89 -0.03 -0.72	14.36 -0.15 0.50	14.43 0.03 1.65	14.04 -0.30 -0.83	13.25 -0.45 -0.96	16.36 -0.64 -0.96	19.04 -0.98 1.25	20.00 -0.94 0.41	19.58 -0.95 2.00	18.26 -0.47 0.00	16.14 -0.25 0.00	14.90 -0.23 0.00	14.50 -0.19 0.00	17.08 -0.33 0.00	17.56 -0.34 0.00	18.14 -0.37 0.00	19.32 -0.56 0.00	22.90 -0.59 0.00	18.30 -0.35 0.00	15.23 -0.20 0.00	15.24 -0.08 0.00
PJM 61847	20.55 1.40 0.00	19.33 1.14 -2.96	16.73 0.93 -3.03	16.37 0.96 -2.21	16.84 1.04 -0.79	17.23 1.17 -0.01	17.00 0.93 -2.56	16.56 0.87 -2.96	20.12 1.12 -2.96	22.72 1.45 0.00	23.93 1.45 -1.13	24.06 1.53 0.00	22.45 1.41 -2.32	21.00 1.31 -3.30	20.26 1.21 -3.92	20.45 1.19 -4.57	22.62 1.39 -3.81	22.77 1.41 -3.45	23.27 1.43 -3.33	24.45 1.47 -3.10	29.30 1.81 -4.01	24.27 1.47 -4.14	19.47 1.24 -2.80	18.85 1.23 -2.31
WEST 61752	19.10 -0.06 0.00	16.26 0.15 -0.88	13.74 0.06 -0.90	13.92 0.07 -0.65	15.19 -0.06 -0.76	16.24 0.19 0.00	14.04 -0.23 -0.76	13.20 -0.41 -0.88	16.34 -0.58 -0.88	20.36 -0.91 0.00	21.66 -0.81 -1.13	21.78 -0.77 -0.02	18.43 -0.30 0.00	16.32 -0.07 0.00	15.07 -0.06 0.00	14.65 -0.04 0.00	17.27 -0.14 0.00	17.74 -0.16 0.00	18.33 -0.19 0.00	19.54 -0.34 0.00	23.16 -0.33 0.00	18.47 -0.19 0.00	15.39 -0.05 0.00	15.41 0.09 0.00