

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/02/2016

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	27.37	27.12	22.97	20.76	20.39	16.85	14.50	14.03	18.17	20.73	21.21	22.82	23.55	25.77	26.34	26.28	26.19	25.87	25.92	25.54	24.49	23.53	21.11	19.24
61757	0.98	0.72	0.70	0.65	0.66	0.65	0.65	0.78	1.14	1.22	1.29	1.41	1.44	1.48	1.52	1.43	1.49	1.51	1.54	1.56	1.49	1.42	1.19	1.14
	-12.79	-15.51	-11.68	-9.64	-9.11	-6.31	-3.54	0.00	0.00	-1.58	0.00	0.00	0.00	-1.13	-1.15	-2.15	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	-1.27
CENTRL	15.14	12.71	11.94	11.56	11.65	10.63	10.72	13.42	17.15	18.20	20.04	21.51	22.25	23.40	23.92	23.15	24.13	24.43	24.43	24.03	23.04	22.12	20.07	17.04
61754	0.07	0.03	0.00	-0.02	-0.02	0.02	0.00	0.17	0.12	0.09	0.12	0.11	0.13	0.12	0.12	0.09	0.17	0.07	0.05	0.05	0.05	0.00	0.16	0.07
	-1.46	-1.78	-1.34	-1.10	-1.04	-0.72	-0.41	0.00	0.00	-0.18	0.00	0.00	0.00	-0.13	-0.13	-0.35	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.15
DUNWOD	24.72	23.66	20.45	18.75	18.49	15.55	13.96	14.64	19.00	21.22	22.36	24.04	24.81	26.87	27.47	28.32	28.33	27.33	27.36	26.86	25.70	24.72	22.20	19.68
61760	1.48	1.09	1.06	1.02	1.01	0.91	0.98	1.39	1.97	2.10	2.45	2.63	2.70	2.87	2.93	2.81	2.96	2.97	2.97	2.88	2.71	2.61	2.29	1.90
	-9.63	-11.67	-8.79	-7.26	-6.86	-4.75	-2.66	0.00	0.00	-1.19	0.00	0.00	0.00	-0.85	-0.86	-2.80	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	-0.96
GENESE	14.51	12.03	11.33	10.97	11.07	10.17	10.24	13.08	16.67	17.65	19.46	20.85	21.61	22.61	23.07	22.29	23.24	23.58	23.55	23.07	22.10	21.32	19.68	16.51
61753	-0.30	-0.33	-0.37	-0.41	-0.41	-0.32	-0.40	-0.17	-0.36	-0.43	-0.46	-0.56	-0.51	-0.65	-0.71	-0.70	-0.59	-0.78	-0.83	-0.91	-0.90	-0.80	-0.24	-0.44
	-1.20	-1.46	-1.10	-0.91	-0.86	-0.59	-0.33	0.00	0.00	-0.15	0.00	0.00	0.00	-0.11	-0.11	-0.29	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
H Q	13.12	10.54	10.26	10.16	10.16	9.72	10.00	12.72	16.35	17.25	19.14	20.57	21.25	22.25	22.75	21.84	22.71	23.46	23.51	23.12	22.19	21.34	19.20	16.22
61844	-0.49	-0.36	-0.34	-0.31	-0.32	-0.32	-0.31	-0.53	-0.68	-0.68	-0.78	-0.84	-0.86	-0.90	-0.92	-0.86	-0.95	-0.90	-0.88	-0.86	-0.81	-0.77	-0.72	-0.60
	0.00	0.00	0.00	0.00	0.15	-0.15	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
HUD VL	24.51	23.48	20.29	18.62	18.38	15.45	13.87	14.53	18.83	21.04	22.17	23.85	24.64	26.68	27.32	28.06	28.08	27.19	27.21	26.71	25.52	24.57	22.03	19.57
61758	1.37	1.02	0.99	0.96	0.97	0.86	0.92	1.28	1.80	1.94	2.25	2.44	2.52	2.68	2.79	2.70	2.81	2.82	2.83	2.73	2.53	2.45	2.11	1.80
	-9.53	-11.56	-8.70	-7.19	-6.79	-4.70	-2.64	0.00	0.00	-1.18	0.00	0.00	0.00	-0.84	-0.86	-2.66	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	-0.95
LONGIL	29.76	26.01	26.06	20.36	18.76	15.75	20.25	20.44	28.35	33.56	32.81	34.13	42.52	42.73	42.34	42.72	60.20	50.12	42.34	38.34	35.21	33.99	29.68	26.99
61762	1.88	1.37	1.34	1.28	1.27	1.11	1.26	1.75	2.45	2.65	3.13	3.36	3.47	3.68	3.76	3.61	3.78	3.85	3.85	3.77	3.54	3.36	2.91	2.39
	-14.27	-13.74	-14.12	-8.60	-6.86	-4.75	-8.67	-5.44	-8.86	-12.97	-9.77	-9.36	-16.93	-15.90	-14.91	-16.40	-32.75	-21.91	-14.11	-10.60	-8.68	-8.51	-6.86	-7.77
MHK VL	15.39	12.92	12.14	11.76	11.87	10.78	10.90	13.50	17.34	18.47	20.35	21.90	22.63	23.79	24.35	23.55	24.41	24.92	24.99	24.58	23.61	22.71	20.39	17.34
61756	0.33	0.25	0.21	0.19	0.20	0.17	0.19	0.25	0.31	0.36	0.44	0.49	0.51	0.51	0.54	0.45	0.52	0.56	0.61	0.60	0.62	0.60	0.48	0.37
	-1.46	-1.77	-1.33	-1.10	-1.04	-0.72	-0.40	0.00	0.00	-0.18	0.00	0.00	0.00	-0.13	-0.13	-0.39	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-0.14
MILLWD	24.72	23.70	20.47	18.79	18.53	15.56	13.97	14.61	18.92	21.15	22.26	23.95	24.73	26.81	27.43	28.27	28.28	27.26	27.26	26.76	25.61	24.61	22.09	19.61
61759	1.42	1.05	1.02	1.01	1.00	0.89	0.97	1.37	1.89	2.03	2.35	2.55	2.61	2.80	2.89	2.77	2.91	2.90	2.88	2.78	2.62	2.50	2.17	1.82
	-9.69	-11.76	-8.85	-7.31	-6.91	-4.78	-2.68	0.00	0.00	-1.20	0.00	0.00	0.00	-0.86	-0.87	-2.79	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	-0.96
N.Y.C.	24.88	23.78	20.56	18.85	18.60	15.64	14.05	14.75	19.19	21.42	22.62	26.31	27.66	29.15	29.58	30.13	30.17	29.51	29.49	29.14	28.29	27.56	22.47	19.89
61761	1.63	1.20	1.17	1.11	1.11	1.00	1.07	1.50	2.16	2.30	2.69	2.87	2.94	3.12	3.19	3.06	3.22	3.27	3.24	3.17	2.99	2.87	2.55	2.10
	-9.64	-11.68	-8.80	-7.27	-6.86	-4.76	-2.67	0.00	0.00	-1.19	-0.02	-2.03	-2.60	-2.88	-2.72	-4.36	-3.29	-1.88	-1.86	-1.99	-2.31	-2.57	0.00	-0.96
NORTH	12.86	10.42	10.12	10.02	10.17	9.37	9.83	12.40	15.92	16.87	18.70	20.08	20.75	21.67	22.18	21.32	22.12	23.00	23.04	22.76	21.87	21.05	18.88	15.92
61755	-0.75	-0.48	-0.48	-0.45	-0.46	-0.51	-0.48	-0.85	-1.11	-1.06	-1.22	-1.33	-1.37	-1.48	-1.49	-1.39	-1.54	-1.36	-1.34	-1.22	-1.13	-1.06	-1.04	-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
NPX	26.04	25.44	21.72	19.79	19.32	16.36	14.24	14.31	18.51	20.91	21.65	23.29	24.02	26.17	26.75	26.99	26.99	26.43	26.43	25.97	24.90	23.93	21.47	19.33
61845	1.07	0.77	0.75	0.75	0.75	0.72	0.78	1.06	1.48	1.58	1.73	1.88	1.90	2.01	2.06	1.97	2.08	2.07	2.05	1.99	1.91	1.81	1.55	1.38
	-11.35	-13.77	-10.37	-8.56	-7.94	-5.75	-3.14	0.00	0.00	-1.40	0.00	0.00	0.00	-1.01	-1.02	-2.31	-1.24	0.00	0.00	0.00	0.00	0.00	0.00	-1.13

O H 61846	14.65 -0.60 -1.64	12.34 -0.54 -1.98	11.55 -0.54 -1.49	11.12 -0.59 -1.23	11.05 -0.59 -1.02	10.38 -0.46 -0.96	10.21 -0.56 -0.45	13.00 -0.25 0.00	16.43 -0.60 0.00	17.33 -0.81 -0.20	19.00 -0.92 0.00	20.23 -1.18 0.00	21.01 -1.11 0.00	22.00 -1.30 -0.15	22.00 -1.33 0.35	21.85 -1.25 -0.39	22.03 -1.18 0.45	22.78 -1.58 0.00	22.72 -1.66 0.00	22.47 -1.51 0.00	21.52 -1.47 0.00	20.68 -1.44 0.00	19.24 -0.68 0.00	16.23 -0.76 -0.16
PJM 61847	19.44 0.46 -5.37	17.71 0.29 -6.51	15.78 0.28 -4.91	14.75 0.23 -4.05	14.54 0.23 -3.68	12.94 0.26 -2.80	12.06 0.26 -1.49	13.82 0.57 0.00	17.73 0.70 0.00	19.27 0.68 -0.66	20.73 0.82 0.00	22.20 0.79 0.00	22.98 0.86 0.00	24.51 0.88 -0.48	25.06 0.90 -0.49	25.07 0.86 -1.50	25.73 0.97 -1.10	25.16 0.80 0.00	25.14 0.76 0.00	24.77 0.79 0.00	23.71 0.71 0.00	22.78 0.66 0.00	20.73 0.82 0.00	17.98 0.62 -0.53
WEST 61752	14.81 -0.37 -1.57	12.42 -0.38 -1.90	11.64 -0.39 -1.43	11.21 -0.45 -1.18	11.28 -0.47 -1.12	10.32 -0.35 -0.77	10.34 -0.41 -0.43	13.26 0.01 0.00	16.79 -0.24 0.00	17.69 -0.43 -0.19	19.46 -0.46 0.00	20.68 -0.73 0.00	21.52 -0.60 0.00	22.53 -0.76 -0.14	23.08 -0.76 -0.17	22.35 -0.73 -0.38	24.65 -0.62 -1.60	23.29 -1.07 0.00	23.14 -1.24 0.00	22.90 -1.08 0.00	21.91 -1.08 0.00	21.03 -1.08 0.00	19.64 -0.28 0.00	16.51 -0.47 -0.16