

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/03/2016

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	18.59	16.84	15.86	15.11	15.98	18.56	25.06	26.58	28.66	29.66	31.59	32.59	30.75	29.66	27.41	25.76	25.55	26.61	25.53	27.03	31.25	24.71	21.31	19.12
61757	0.92	0.91	0.85	0.80	0.80	0.93	1.10	1.19	1.31	1.41	1.53	1.61	1.55	1.44	1.38	1.37	1.33	1.34	1.28	1.36	1.54	1.27	1.09	0.86
	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
CENTRL	18.20	16.37	15.41	14.71	15.65	18.23	24.85	27.38	29.66	30.83	33.15	34.02	31.82	30.75	28.09	25.73	25.59	26.47	25.23	26.92	31.13	24.47	20.75	18.69
61754	0.53	0.43	0.41	0.40	0.47	0.60	0.89	0.86	0.93	0.90	1.02	0.90	0.79	0.85	0.76	0.63	0.63	0.63	0.63	0.72	0.80	0.61	0.44	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	-1.38	-1.67	-2.07	-2.14	-1.83	-1.69	-1.30	-0.70	-0.74	-0.57	-0.36	-0.53	-0.62	-0.41	-0.08	0.00
DUNWOD	19.53	17.62	16.55	15.77	16.66	19.37	26.24	27.88	30.03	31.22	33.18	34.20	32.39	31.32	28.87	28.78	29.03	28.25	27.51	28.62	33.00	26.38	22.50	20.24
61760	1.85	1.69	1.55	1.46	1.49	1.75	2.28	2.49	2.68	2.97	3.13	3.22	3.18	3.10	2.84	2.76	2.78	2.83	2.76	2.95	3.30	2.60	2.28	1.97
	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	-1.62	-2.03	-0.15	-0.50	0.00	0.00	-0.33	0.00	0.00
GENESE	17.87	15.97	15.07	14.38	15.33	17.94	24.39	25.57	27.62	28.17	30.09	30.76	28.94	28.25	25.98	24.20	24.05	25.09	24.00	25.36	29.35	23.14	19.90	18.16
61753	0.19	0.03	0.06	0.07	0.15	0.32	0.43	0.18	0.27	-0.08	0.03	-0.22	-0.26	0.03	-0.05	-0.20	-0.17	-0.18	-0.24	-0.31	-0.36	-0.31	-0.32	-0.11
	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	15.02	13.38	12.50	12.37	12.65	14.97	20.75	21.00	21.46	22.33	23.93	24.93	23.15	22.18	21.00	20.50	20.32	21.00	20.98	21.60	24.93	21.00	18.53	15.67
61844	-0.60	-0.56	-0.51	-0.49	-0.52	-0.62	-0.77	-0.79	-0.85	-0.91	-1.02	-0.99	-0.96	-0.96	-0.89	-0.83	-0.85	-0.83	-0.80	-0.87	-0.98	-0.77	-0.65	-0.55
	2.05	2.00	2.00	1.45	2.01	2.04	2.44	3.60	5.04	5.02	5.10	5.06	5.09	5.08	4.15	3.07	3.05	3.43	2.47	3.19	3.79	1.67	1.04	2.05
HUD VL	19.35	17.48	16.42	15.66	16.52	19.21	26.04	27.65	29.78	30.91	32.88	33.89	32.07	30.95	28.53	27.54	27.55	27.84	26.88	28.26	32.70	25.91	22.26	20.06
61758	1.68	1.55	1.41	1.34	1.35	1.59	2.08	2.26	2.43	2.65	2.82	2.91	2.86	2.74	2.50	2.44	2.45	2.50	2.42	2.59	3.00	2.32	2.04	1.79
	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	-0.70	-0.88	-0.07	-0.22	0.00	0.00	-0.14	0.00	0.00
LONGIL	20.12	18.13	17.05	16.28	17.19	20.01	27.03	28.64	30.74	32.18	34.18	35.22	33.29	32.00	29.44	29.40	29.84	28.97	28.27	29.41	33.84	27.04	22.95	20.51
61762	2.44	2.18	2.04	1.96	2.00	2.38	3.07	3.25	3.39	3.93	4.12	4.24	4.09	3.78	3.41	3.27	3.46	3.54	3.49	3.75	4.13	3.24	2.73	2.25
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	-2.16	-0.16	-0.54	0.00	-0.01	-0.36	0.00	0.00
MHK VL	18.38	16.53	15.58	14.85	15.81	18.35	25.13	26.66	28.69	29.64	31.56	32.50	30.55	29.49	27.18	25.40	25.24	26.33	25.28	26.79	31.04	24.50	21.09	19.00
61756	0.71	0.59	0.57	0.54	0.64	0.72	1.17	1.27	1.34	1.38	1.50	1.52	1.34	1.27	1.14	1.00	1.02	1.06	1.04	1.13	1.34	1.06	0.87	0.73
	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
MILLWD	19.53	17.62	16.58	15.80	16.68	19.35	26.28	27.88	30.11	31.28	33.27	34.26	32.42	31.38	28.92	28.03	28.09	28.20	27.29	28.64	33.09	26.26	22.54	20.27
61759	1.85	1.69	1.58	1.49	1.50	1.73	2.32	2.49	2.76	3.02	3.22	3.28	3.21	3.16	2.89	2.78	2.81	2.85	2.79	2.98	3.38	2.65	2.32	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	-0.85	-1.06	-0.08	-0.26	0.00	0.00	-0.17	0.00	0.00
N.Y.C.	19.65	17.72	16.66	15.86	16.77	19.48	25.76	27.80	30.08	31.30	33.17	34.26	32.50	31.43	29.00	29.00	29.26	28.38	27.64	28.70	34.56	26.50	22.60	20.38
61761	1.98	1.78	1.65	1.55	1.59	1.85	2.32	2.51	2.73	3.05	3.18	3.28	3.30	3.22	2.97	2.88	2.88	2.95	2.86	3.03	3.44	2.70	2.38	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.10	0.00	0.01	0.07	0.00	0.00	0.00	0.00	-1.72	-2.16	-0.16	-0.54	0.00	-1.41	-0.35	0.00	0.00
NORTH	16.81	15.14	14.29	13.61	14.46	16.78	23.00	24.52	26.34	27.07	28.61	29.68	27.92	26.84	24.76	23.23	22.94	24.16	23.10	24.41	28.40	22.44	19.37	17.64
61755	-0.87	-0.80	-0.72	-0.70	-0.71	-0.85	-0.96	-0.86	-1.01	-1.19	-1.44	-1.30	-1.28	-1.38	-1.28	-1.17	-1.28	-1.11	-1.14	-1.26	-1.31	-1.01	-0.85	-0.62
	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	19.10	17.31	16.28	16.08	16.40	19.02	25.23	27.74	29.32	30.46	32.37	34.20	31.66	30.50	28.19	26.52	26.40	27.44	27.56	30.79	32.98	25.44	22.00	19.74
61845	1.43	1.37	1.27	1.20	1.23	1.39	1.70	1.93	1.97	2.21	2.31	2.51	2.45	2.28	2.16	2.12	2.18	2.17	2.13	2.28	2.58	1.99	1.78	1.48
	0.00	0.00	0.00	-0.57	0.00	0.00	0.43	-0.43	0.00	0.00	0.00	-0.71	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-2.84	-0.70	0.00	0.00	0.00

O H 61846	17.94	16.14	15.22	14.50	15.43	17.50	22.84	21.55	22.26	22.00	22.52	22.71	22.06	21.77	20.96	20.72	20.37	22.07	22.13	22.87	26.23	21.13	19.21	18.01
	0.27	0.21	0.21	0.19	0.26	0.39	0.31	-0.18	-0.19	-0.31	-0.18	-0.65	-0.64	-0.45	-0.47	-0.61	-0.56	-0.68	-0.53	-0.44	-0.71	-0.49	-0.65	-0.26
	0.00	0.00	0.00	0.00	0.00	0.51	1.42	3.66	4.90	5.94	7.36	7.62	6.50	6.00	4.61	3.07	3.29	2.52	1.58	2.36	2.76	1.82	0.36	0.00
PJM 61847	19.05	17.18	16.16	15.40	16.33	19.00	25.31	27.61	29.23	30.34	32.25	32.99	31.19	30.25	27.91	27.65	27.80	27.52	26.56	28.00	32.32	25.69	21.74	19.60
	1.38	1.24	1.16	1.09	1.15	1.38	1.77	1.80	1.89	2.09	2.19	2.01	1.99	2.03	1.88	1.73	1.77	1.74	1.75	1.95	2.17	1.74	1.46	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.43	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.52	-1.81	-0.51	-0.57	-0.38	-0.45	-0.50	-0.06	0.00
WEST 61752	18.24	16.38	15.42	14.70	15.67	18.37	24.77	39.11	43.92	48.13	54.89	56.16	50.62	48.14	41.28	33.91	34.53	33.00	29.11	33.11	38.16	29.11	21.00	18.23
	0.57	0.45	0.42	0.39	0.50	0.74	0.82	0.23	0.27	0.11	0.36	-0.15	-0.20	-0.03	-0.08	-0.27	-0.19	-0.30	-0.17	-0.08	-0.36	-0.16	-0.38	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.50	-16.30	-19.77	-24.47	-25.34	-21.62	-19.95	-15.32	-9.78	-10.51	-8.04	-5.04	-7.52	-8.81	-5.82	-1.16	0.00