

# Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/18/2016

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	18.41	18.39	16.48	14.33	13.37	12.82	12.11	14.48	17.10	19.68	21.42	23.74	25.07	26.54	26.61	27.68	29.00	27.39	26.49	24.72	24.74	23.00	20.80	19.00
61757	1.30	1.11	0.94	0.92	0.94	0.87	0.73	0.85	1.10	1.29	1.35	1.30	1.26	1.38	1.39	1.59	1.69	1.50	1.45	1.40	1.40	1.34	1.36	1.23
	0.00	-2.27	-2.80	-0.95	-0.06	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	17.20	15.29	13.08	12.59	12.41	12.06	11.58	14.27	16.48	19.20	20.83	23.79	25.33	27.22	28.15	28.47	30.79	29.10	25.64	23.81	23.82	22.15	19.79	18.08
61754	0.09	0.03	0.03	0.02	0.04	0.11	0.19	0.31	0.35	0.42	0.40	0.54	0.60	0.58	0.68	0.65	0.74	0.72	0.73	0.63	0.61	0.54	0.35	0.30
	0.00	-0.26	-0.32	-0.11	-0.01	0.00	0.00	-0.32	-0.14	-0.38	-0.35	-0.81	-0.92	-1.49	-2.24	-1.73	-2.75	-2.49	0.13	0.14	0.13	0.05	0.00	0.00
DUNWOD	19.01	18.26	16.14	14.43	13.65	13.11	12.51	15.05	17.80	20.49	22.40	24.95	26.50	28.05	28.05	28.93	30.28	28.71	27.77	25.88	25.91	24.06	21.64	19.78
61760	1.90	1.56	1.31	1.26	1.24	1.16	1.13	1.42	1.81	2.10	2.33	2.51	2.69	2.89	2.82	2.84	2.98	2.82	2.73	2.57	2.57	2.40	2.20	2.01
	0.00	-1.69	-2.09	-0.71	-0.04	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	16.81	14.84	12.69	12.21	12.03	11.78	11.39	13.98	16.30	18.67	20.39	23.19	24.80	26.39	27.21	27.61	29.82	28.06	25.73	23.69	23.63	21.77	19.28	17.77
61753	-0.31	-0.37	-0.31	-0.34	-0.35	-0.17	0.00	0.12	0.11	0.02	-0.10	0.14	0.26	0.23	0.45	0.34	0.46	0.47	0.47	0.28	0.21	0.09	-0.16	0.00
	0.00	-0.21	-0.26	-0.09	-0.01	0.00	0.00	-0.22	-0.19	-0.26	-0.42	-0.62	-0.73	-1.01	-1.53	-1.18	-2.05	-1.70	-0.22	-0.09	-0.08	-0.03	0.00	0.00
H Q	16.55	14.52	12.33	12.07	11.97	11.56	11.01	13.15	15.40	17.69	19.35	21.63	22.95	24.25	24.29	25.15	26.30	24.91	24.09	22.43	22.48	20.85	18.72	17.10
61844	-0.56	-0.48	-0.41	-0.39	-0.40	-0.39	-0.38	-0.49	-0.59	-0.70	-0.72	-0.81	-0.86	-0.90	-0.93	-0.94	-1.01	-0.98	-0.95	-0.89	-0.86	-0.80	-0.72	-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	18.93	18.14	16.02	14.36	13.60	13.06	12.45	14.90	17.58	20.27	22.16	24.75	26.26	27.82	27.85	28.80	30.12	28.56	27.56	25.67	25.72	23.91	21.50	19.69
61758	1.81	1.49	1.25	1.21	1.19	1.11	1.07	1.27	1.58	1.88	2.09	2.31	2.45	2.67	2.62	2.71	2.81	2.67	2.53	2.35	2.38	2.25	2.06	1.92
	0.00	-1.65	-2.03	-0.69	-0.04	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	19.39	18.41	16.29	14.51	13.70	13.23	12.80	16.61	19.96	26.38	28.88	29.84	30.60	30.54	30.70	31.19	31.66	31.68	30.56	29.66	29.88	29.07	25.45	22.24
61762	2.28	1.71	1.45	1.33	1.29	1.28	1.41	1.84	2.27	2.63	2.91	3.16	3.43	3.67	3.63	3.68	3.82	3.67	3.50	3.26	3.27	3.03	2.74	2.49
	0.00	-1.70	-2.10	-0.71	-0.04	0.00	0.00	-1.13	-1.69	-5.35	-5.90	-4.23	-3.36	-1.71	-1.84	-1.42	-0.54	-2.11	-2.02	-3.08	-3.27	-4.38	-3.27	-1.98
MHK VL	17.63	15.72	13.43	12.91	12.74	12.30	11.75	14.06	16.49	19.02	20.78	23.29	24.69	26.03	26.13	27.00	28.32	26.85	26.01	24.16	24.20	22.46	20.06	18.29
61756	0.51	0.44	0.34	0.34	0.36	0.35	0.36	0.42	0.50	0.63	0.70	0.85	0.88	0.88	0.91	0.91	1.01	0.96	0.98	0.84	0.86	0.80	0.62	0.52
	0.00	-0.28	-0.35	-0.12	-0.01	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	0.00	0.00	0.00	0.00
MILLWD	18.96	18.22	16.13	14.43	13.64	13.10	12.49	15.00	17.72	20.42	22.32	24.86	26.43	28.02	28.02	28.93	30.26	28.69	27.72	25.84	25.88	24.02	21.58	19.73
61759	1.85	1.51	1.29	1.26	1.22	1.15	1.10	1.36	1.73	2.02	2.25	2.42	2.62	2.87	2.80	2.84	2.95	2.80	2.68	2.52	2.54	2.36	2.14	1.96
	0.00	-1.71	-2.10	-0.72	-0.04	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.	19.20	18.42	16.28	14.55	13.77	13.21	12.58	15.15	17.98	20.71	22.64	26.61	27.89	29.10	29.10	29.76	30.88	29.59	27.99	26.10	26.07	24.23	21.85	20.00
61761	2.09	1.71	1.44	1.37	1.35	1.25	1.20	1.51	1.98	2.32	2.57	2.76	2.95	3.17	3.10	3.08	3.14	3.03	2.95	2.77	2.73	2.58	2.41	2.22
	0.00	-1.70	-2.10	-0.72	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	-1.13	-0.77	-0.78	-0.60	-0.43	-0.67	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	16.33	14.36	12.17	11.95	11.86	11.41	10.91	12.96	15.16	17.38	19.07	21.32	22.64	23.90	23.91	24.81	25.91	24.52	23.68	22.08	22.13	20.51	18.39	16.78
61755	-0.79	-0.64	-0.57	-0.51	-0.51	-0.54	-0.48	-0.68	-0.83	-1.01	-1.00	-1.12	-1.17	-1.26	-1.31	-1.28	-1.39	-1.37	-1.35	-1.24	-1.21	-1.15	-1.05	-1.00
	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	0.00
NPX	18.53	18.20	16.24	14.28	13.39	12.86	12.22	14.65	17.28	19.86	21.68	24.10	25.55	26.99	27.04	27.99	29.27	27.75	26.84	25.05	25.09	23.28	21.00	19.21
61845	1.42	1.17	1.01	0.97	0.97	0.91	0.83	1.01	1.28	1.47	1.61	1.66	1.74	1.84	1.82	1.90	1.97	1.87	1.80	1.73	1.75	1.62	1.56	1.44
	0.00	-2.02	-2.49	-0.87	-0.05	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

OH 61846	16.94	14.99	12.90	12.35	12.20	12.00	11.69	12.60	15.50	17.14	18.20	19.10	19.90	19.08	16.03	19.03	15.50	15.69	25.20	23.82	23.81	22.02	19.52	18.08
	-0.17	-0.30	-0.19	-0.22	-0.17	0.05	0.31	0.33	0.35	0.39	0.14	0.31	0.33	0.28	0.40	0.34	0.46	0.47	0.50	0.42	0.40	0.33	0.08	0.30
	0.00	-0.28	-0.35	-0.12	-0.01	0.00	0.00	1.36	0.85	1.64	2.01	3.65	4.24	6.36	9.60	7.40	12.27	10.66	0.34	-0.08	-0.07	-0.04	0.00	0.00
PJM 61847	18.17	16.91	14.79	13.60	13.09	12.69	12.18	15.07	17.92	20.35	22.98	25.53	27.38	29.02	30.10	30.28	33.96	31.17	28.39	25.85	25.86	23.60	20.86	19.09
	1.06	0.81	0.70	0.68	0.69	0.74	0.80	0.99	1.23	1.44	1.46	1.64	1.76	1.86	1.84	1.85	1.97	1.92	1.83	1.73	1.77	1.67	1.42	1.32
	0.00	-1.10	-1.35	-0.46	-0.03	0.00	0.00	-0.44	-0.69	-0.52	-1.45	-1.45	-1.81	-2.01	-3.03	-2.34	-4.69	-3.37	-1.52	-0.80	-0.74	-0.27	0.00	0.00
WEST 61752	17.39	15.35	13.19	12.65	12.50	12.32	12.06	20.01	24.00	26.00	36.00	40.75	46.00	51.75	65.00	57.00	85.00	70.00	40.00	31.34	30.84	25.00	20.10	18.61
	0.27	0.08	0.11	0.08	0.12	0.37	0.67	0.80	0.91	1.03	0.82	1.08	1.12	1.08	1.26	1.20	1.39	1.32	1.35	1.19	1.17	1.02	0.66	0.84
	0.00	-0.27	-0.34	-0.11	-0.01	0.00	0.00	-5.57	-7.09	-6.58	-15.10	-17.23	-21.07	-25.51	-38.51	-29.71	-56.30	-42.79	-13.61	-6.83	-6.33	-2.33	0.00	0.00