

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/26/2016

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	49.97	42.39	37.95	40.75	41.72	39.78	45.93	43.55	49.85	52.86	50.69	44.67	42.99	40.49	39.78	41.27	51.68	56.35	57.26	55.97	50.88	46.52	45.74	43.15
61757	0.30	0.29	0.29	0.27	0.28	0.24	0.28	0.42	0.44	0.76	0.74	0.75	0.74	0.71	0.65	0.56	0.90	1.05	0.92	0.86	0.78	0.72	0.43	0.21
	-44.29	-36.72	-32.50	-35.65	-36.58	-35.40	-40.77	-36.32	-42.55	-40.38	-37.80	-31.25	-29.71	-27.45	-28.69	-31.71	-37.28	-39.89	-42.81	-42.15	-37.57	-34.02	-38.22	-39.20
CENTRL	9.95	9.16	8.51	8.49	8.63	7.80	9.12	10.63	11.30	15.99	16.10	16.00	15.62	15.15	13.40	12.30	17.49	19.64	18.04	17.42	16.44	15.39	11.07	7.81
61754	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.06	0.04	0.09	0.04	0.09	0.01	-0.01	-0.01	0.01	0.13	0.14	0.14	0.14	0.06	0.08	0.02	0.01
	-4.56	-3.78	-3.34	-3.67	-3.76	-3.64	-4.22	-3.76	-4.41	-4.18	-3.91	-3.24	-3.08	-2.84	-2.97	-3.28	-3.86	-4.08	-4.38	-4.31	-3.84	-3.52	-3.96	-4.06
DUNWOD	36.41	31.17	27.99	29.81	30.48	28.90	33.41	32.47	36.84	40.63	39.34	35.46	34.19	32.43	31.25	31.79	40.53	44.41	44.38	43.39	39.75	36.49	34.17	31.12
61760	0.46	0.45	0.40	0.38	0.37	0.32	0.38	0.58	0.60	1.03	1.09	1.20	1.14	1.16	1.00	0.89	1.30	1.45	1.29	1.31	1.27	1.23	0.69	0.31
	-30.57	-25.35	-22.43	-24.61	-25.25	-24.43	-28.15	-25.08	-29.38	-27.88	-26.10	-21.58	-20.52	-18.96	-19.81	-21.89	-25.74	-27.55	-29.57	-29.11	-25.94	-23.49	-26.39	-27.06
GENESE	8.79	8.17	7.63	7.54	7.68	6.87	8.03	9.63	10.10	14.73	14.85	14.98	14.63	14.21	12.47	11.33	16.39	18.52	16.92	16.27	15.36	14.34	9.99	6.82
61753	-0.11	-0.13	-0.10	-0.12	-0.08	-0.09	-0.10	-0.07	-0.14	-0.20	-0.30	-0.18	-0.26	-0.30	-0.25	-0.20	-0.07	-0.06	0.00	-0.05	-0.16	-0.14	-0.13	-0.04
	-3.52	-2.92	-2.58	-2.83	-2.90	-2.81	-3.24	-2.89	-3.38	-3.21	-3.01	-2.49	-2.36	-2.18	-2.28	-2.52	-2.96	-3.17	-3.40	-3.35	-2.99	-2.71	-3.04	-3.12
H Q	5.25	5.25	5.04	4.72	4.75	4.06	4.77	6.62	6.66	11.37	11.82	12.28	12.21	12.00	10.16	8.76	13.05	14.91	13.06	12.51	12.14	11.39	6.87	3.65
61844	-0.13	-0.13	-0.12	-0.11	-0.11	-0.10	-0.11	-0.19	-0.20	-0.35	-0.33	-0.39	-0.33	-0.32	-0.28	-0.25	-0.45	-0.51	-0.46	-0.45	-0.40	-0.39	-0.22	-0.09
	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	36.58	31.32	28.13	29.96	30.64	29.05	33.59	32.61	37.02	40.79	39.47	35.54	34.29	32.50	31.34	31.89	40.67	44.55	44.54	43.51	39.83	36.59	34.31	31.28
61758	0.44	0.44	0.40	0.37	0.37	0.32	0.38	0.57	0.60	1.02	1.06	1.15	1.10	1.11	0.96	0.86	1.27	1.45	1.30	1.28	1.22	1.17	0.66	0.30
	-30.76	-25.50	-22.57	-24.76	-25.40	-24.58	-28.33	-25.24	-29.57	-28.06	-26.27	-21.72	-20.65	-19.08	-19.94	-22.03	-25.90	-27.69	-29.72	-29.26	-26.07	-23.64	-26.56	-27.24
LONGIL	36.54	31.26	28.05	29.88	30.55	28.98	33.51	32.59	37.03	40.96	39.72	35.95	34.65	32.90	31.61	32.13	53.56	72.06	88.02	72.21	65.23	56.96	34.87	31.21
61762	0.58	0.53	0.46	0.44	0.43	0.40	0.47	0.70	0.79	1.36	1.47	1.70	1.59	1.63	1.36	1.22	1.84	2.08	1.85	1.85	1.76	1.70	0.99	0.40
	-30.58	-25.35	-22.44	-24.61	-25.25	-24.44	-28.15	-25.08	-29.38	-27.88	-26.10	-21.58	-20.52	-18.96	-19.81	-21.89	-38.22	-54.56	-72.65	-57.38	-50.94	-43.49	-26.79	-27.07
MHK VL	10.47	9.63	8.92	8.93	9.07	8.22	9.29	10.81	11.49	16.24	16.41	16.26	15.90	15.45	13.66	12.50	17.74	19.72	18.01	17.40	16.46	15.58	11.22	7.91
61756	0.12	0.13	0.12	0.11	0.12	0.10	0.13	0.19	0.18	0.29	0.30	0.32	0.25	0.26	0.21	0.17	0.34	0.42	0.31	0.32	0.26	0.24	0.13	0.06
	-4.96	-4.11	-3.64	-3.99	-4.10	-3.96	-4.27	-3.80	-4.46	-4.23	-3.96	-3.27	-3.11	-2.88	-3.01	-3.32	-3.91	-3.89	-4.18	-4.11	-3.66	-3.56	-4.00	-4.11
MILLWD	37.01	31.68	28.44	30.30	30.99	29.38	34.00	33.00	37.47	41.24	39.90	35.92	34.64	32.83	31.68	32.26	41.10	45.00	45.00	44.00	40.27	37.00	34.72	31.68
61759	0.46	0.46	0.41	0.39	0.38	0.33	0.39	0.59	0.63	1.07	1.12	1.23	1.17	1.17	1.02	0.91	1.34	1.49	1.33	1.35	1.28	1.25	0.70	0.31
	-31.17	-25.84	-22.87	-25.09	-25.74	-24.91	-28.73	-25.59	-29.98	-28.45	-26.63	-22.02	-20.94	-19.34	-20.22	-22.34	-26.27	-28.09	-30.15	-29.68	-26.46	-23.97	-26.93	-27.62
N.Y.C.	36.44	31.21	28.02	29.84	30.51	28.92	33.44	32.51	36.88	40.70	39.40	35.52	34.27	32.50	31.32	31.84	40.58	44.42	44.40	43.43	39.82	36.57	34.21	31.14
61761	0.48	0.48	0.43	0.40	0.40	0.34	0.41	0.63	0.64	1.10	1.15	1.27	1.22	1.23	1.07	0.95	1.35	1.47	1.31	1.36	1.34	1.30	0.74	0.33
	-30.57	-25.35	-22.44	-24.61	-25.25	-24.43	-28.15	-25.07	-29.38	-27.88	-26.10	-21.58	-20.51	-18.95	-19.81	-21.89	-25.73	-27.54	-29.56	-29.10	-25.94	-23.49	-26.39	-27.06
NORTH	5.19	5.20	4.99	4.69	4.70	4.03	4.75	6.55	6.58	11.19	11.70	12.13	12.07	11.85	10.02	8.63	12.79	14.66	12.79	12.20	11.85	11.04	6.69	3.60
61755	-0.20	-0.18	-0.17	-0.14	-0.16	-0.12	-0.14	-0.26	-0.27	-0.53	-0.45	-0.54	-0.46	-0.47	-0.42	-0.38	-0.70	-0.75	-0.73	-0.77	-0.69	-0.74	-0.40	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	44.17	37.60	33.70	36.08	36.93	35.14	40.60	38.80	44.29	47.60	45.81	40.71	39.21	37.02	36.11	37.20	46.92	61.65	57.81	50.58	46.11	42.22	40.81	38.03
61845	0.32	0.33	0.31	0.29	0.30	0.25	0.29	0.44	0.47	0.81	0.83	0.89	0.86	0.85	0.74	0.65	1.04	1.17	1.03	0.99	0.93	0.88	0.52	0.24
	-38.47	-31.89	-28.23	-30.97	-31.77	-30.74	-35.42	-31.55	-36.97	-35.08	-32.84	-27.15	-25.81	-23.85	-24.92	-27.54	-32.38	-45.06	-43.26	-36.63	-32.64	-29.55	-33.21	-34.05

O H 61846	9.94	9.10	8.45	8.48	8.64	7.81	9.06	10.50	11.16	15.59	15.58	15.46	15.09	14.60	13.00	12.00	17.00	19.00	17.62	17.00	16.00	15.00	10.91	7.85
	-0.27	-0.29	-0.26	-0.24	-0.21	-0.20	-0.27	-0.28	-0.34	-0.54	-0.69	-0.62	-0.69	-0.71	-0.57	-0.47	-0.57	-0.77	-0.58	-0.57	-0.64	-0.49	-0.35	-0.17
	-4.83	-4.01	-3.55	-3.89	-3.99	-3.86	-4.45	-3.96	-4.65	-4.41	-4.13	-3.41	-3.24	-3.00	-3.13	-3.46	-4.07	-4.36	-4.68	-4.60	-4.10	-3.71	-4.17	-4.28
PJM 61847	22.28	19.39	17.57	18.43	18.82	17.64	20.43	20.73	23.13	27.26	26.66	24.76	23.96	22.89	21.49	21.21	27.95	30.81	30.04	29.26	27.04	24.99	21.74	18.70
	0.07	0.06	0.06	0.06	0.06	0.05	0.05	0.12	0.11	0.20	0.15	0.22	0.14	0.14	0.15	0.15	0.28	0.23	0.24	0.27	0.23	0.28	0.13	0.06
	-16.83	-13.95	-12.35	-13.54	-13.90	-13.45	-15.49	-13.80	-16.17	-15.34	-14.36	-11.88	-11.29	-10.43	-10.90	-12.05	-14.17	-15.16	-16.27	-16.02	-14.28	-12.93	-14.52	-14.90
WEST 61752	9.75	8.95	8.33	8.34	8.50	7.66	8.91	10.43	11.05	15.66	15.66	15.62	15.24	14.75	13.08	12.02	17.13	19.16	17.71	17.07	16.07	15.09	10.84	7.67
	-0.17	-0.19	-0.16	-0.14	-0.11	-0.12	-0.17	-0.12	-0.18	-0.21	-0.38	-0.27	-0.35	-0.39	-0.31	-0.25	-0.20	-0.34	-0.20	-0.22	-0.31	-0.19	-0.18	-0.10
	-4.54	-3.76	-3.33	-3.65	-3.75	-3.63	-4.19	-3.73	-4.37	-4.15	-3.89	-3.21	-3.05	-2.82	-2.95	-3.26	-3.83	-4.09	-4.39	-4.32	-3.85	-3.50	-3.93	-4.03