

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/07/2016

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	34.14	32.82	33.76	34.52	34.20	32.77	40.91	51.40	47.78	47.56	45.11	43.73	41.03	40.13	40.14	40.46	55.39	63.88	57.08	53.12	45.56	39.56	35.53	33.50
61757	1.67	1.53	1.46	1.38	1.43	1.71	2.28	2.08	2.28	2.31	2.28	2.20	2.13	2.10	2.07	2.18	2.45	3.45	3.11	2.82	2.41	2.10	1.84	1.78
	-8.18	-8.45	-10.55	-12.52	-11.15	-5.07	-6.02	-18.78	-14.26	-13.11	-11.21	-10.55	-8.92	-8.81	-9.68	-8.79	-19.85	-15.63	-13.08	-12.25	-9.71	-7.43	-8.16	-5.20
CENTRL	25.27	23.78	22.90	21.97	22.91	26.78	33.65	32.75	32.91	33.55	32.83	32.04	30.89	30.10	29.32	30.32	35.12	46.55	42.41	39.41	34.51	30.75	26.40	27.16
61754	0.15	0.07	0.07	0.08	0.15	0.31	0.42	0.27	0.22	0.19	0.16	0.09	0.09	0.09	0.03	0.03	0.13	0.27	0.21	0.19	0.10	0.00	0.03	0.11
	-0.84	-0.86	-1.08	-1.28	-1.14	-0.48	-0.62	-1.94	-1.45	-1.23	-1.05	-0.98	-0.82	-0.80	-0.90	-0.80	-1.90	-1.48	-1.30	-1.17	-0.96	-0.72	-0.84	-0.54
DUNWOD	31.82	30.40	30.69	30.83	30.96	31.60	39.61	46.33	44.27	44.52	42.74	41.56	39.33	38.39	38.05	38.71	50.38	60.24	54.07	50.41	43.79	38.39	33.64	32.50
61760	1.87	1.71	1.63	1.55	1.62	2.10	2.84	2.78	3.15	3.31	3.35	3.28	3.18	3.07	2.95	3.07	3.38	4.48	4.01	3.77	3.54	3.15	2.40	2.33
	-5.66	-5.85	-7.30	-8.67	-7.72	-3.51	-4.17	-13.01	-9.87	-9.08	-7.76	-7.31	-6.17	-6.10	-6.70	-6.16	-13.91	-10.96	-9.16	-8.59	-6.80	-5.21	-5.72	-3.64
GENESE	24.60	22.97	22.19	21.25	22.19	26.09	32.65	31.51	31.94	32.52	31.68	30.93	29.89	29.25	28.55	29.46	34.07	44.95	40.98	38.02	33.16	29.52	25.65	26.37
61753	-0.36	-0.57	-0.43	-0.39	-0.35	-0.31	-0.46	-0.58	-0.50	-0.71	-0.89	-0.93	-0.84	-0.70	-0.65	-0.77	-0.70	-1.17	-1.02	-1.07	-1.10	-1.14	-0.56	-0.58
	-0.68	-0.70	-0.87	-1.03	-0.92	-0.42	-0.50	-1.55	-1.19	-1.10	-0.94	-0.88	-0.75	-0.74	-0.81	-0.74	-1.67	-1.32	-1.10	-1.03	-0.82	-0.63	-0.69	-0.44
H Q	23.44	22.09	21.03	19.93	20.86	21.70	31.41	29.50	28.00	20.17	21.13	20.17	20.17	18.57	18.65	19.11	18.40	31.11	35.32	28.43	28.79	25.14	24.63	25.59
61844	-0.85	-0.75	-0.72	-0.68	-0.76	-0.96	-1.21	-1.04	-1.12	-1.16	-1.14	-1.11	-1.08	-1.05	-1.02	-1.06	-1.19	-1.61	-1.47	-1.33	-1.17	-1.05	-0.89	-0.93
	0.00	0.00	0.00	0.00	0.00	3.32	0.00	0.00	2.12	10.81	9.35	9.69	8.73	9.60	8.72	9.31	13.50	12.08	4.11	8.29	3.48	3.84	0.00	0.00
HUD VL	31.71	30.31	30.58	30.75	30.85	31.51	39.50	45.92	43.81	44.05	42.23	41.07	38.87	37.90	37.59	38.22	49.93	59.80	53.72	50.04	43.35	38.00	33.33	32.32
61758	1.82	1.69	1.61	1.57	1.60	2.05	2.77	2.50	2.81	2.95	2.94	2.88	2.79	2.66	2.58	2.65	3.08	4.17	3.76	3.50	3.18	2.82	2.14	2.20
	-5.60	-5.78	-7.22	-8.57	-7.63	-3.47	-4.12	-12.88	-9.75	-8.97	-7.67	-7.22	-6.10	-6.02	-6.62	-6.08	-13.76	-10.84	-9.06	-8.49	-6.73	-5.15	-5.65	-3.60
LONGIL	32.78	30.85	31.09	31.14	31.43	32.41	42.61	47.55	45.85	45.69	43.98	42.66	40.92	39.80	39.77	41.37	51.94	69.26	57.10	52.50	46.58	42.87	36.18	34.95
61762	2.82	2.15	2.02	1.86	2.08	2.91	4.53	4.00	4.72	4.46	4.58	4.37	4.56	4.35	4.23	4.54	4.93	6.85	6.18	5.86	5.15	4.62	3.70	3.63
	-5.67	-5.86	-7.31	-8.67	-7.73	-3.52	-5.47	-13.02	-9.89	-9.09	-7.77	-7.32	-6.39	-6.23	-7.15	-7.35	-13.92	-17.60	-10.03	-8.59	-7.98	-8.22	-6.96	-4.79
MHK VL	25.50	23.99	23.11	22.17	23.04	26.55	33.58	32.52	32.52	32.73	32.21	31.59	30.47	29.60	28.91	29.86	34.29	45.93	42.30	39.12	34.42	30.71	26.46	27.33
61756	0.34	0.25	0.24	0.23	0.24	0.26	0.33	0.15	0.06	0.10	0.16	0.28	0.24	0.21	0.20	0.18	0.26	0.49	0.45	0.49	0.30	0.24	0.15	0.27
	-0.87	-0.89	-1.12	-1.33	-1.18	-0.30	-0.64	-1.83	-1.22	-0.50	-0.42	-0.34	-0.25	-0.18	-0.32	-0.20	-0.94	-0.63	-0.96	-0.58	-0.68	-0.44	-0.78	-0.54
MILLWD	31.88	30.51	30.80	30.98	31.08	31.66	39.66	46.45	44.36	44.60	42.80	41.59	39.32	38.37	38.04	38.67	50.57	60.45	54.25	50.58	43.87	38.42	33.69	32.54
61759	1.87	1.76	1.68	1.61	1.66	2.13	2.84	2.75	3.12	3.28	3.32	3.22	3.09	2.98	2.87	2.95	3.41	4.57	4.09	3.84	3.54	3.12	2.37	2.33
	-5.72	-5.91	-7.38	-8.76	-7.80	-3.55	-4.21	-13.16	-9.99	-9.19	-7.86	-7.40	-6.25	-6.17	-6.78	-6.23	-14.07	-11.08	-9.27	-8.69	-6.88	-5.27	-5.78	-3.68
N.Y.C.	31.97	30.54	30.78	30.91	31.05	31.70	39.71	46.60	44.59	44.87	43.12	41.94	39.73	38.74	38.42	39.10	50.71	60.55	54.31	50.75	44.19	38.76	33.95	32.79
61761	2.01	1.85	1.72	1.63	1.71	2.21	2.94	3.05	3.47	3.66	3.73	3.65	3.57	3.42	3.32	3.45	3.71	4.80	4.25	4.11	3.94	3.51	2.70	2.63
	-5.66	-5.85	-7.31	-8.67	-7.72	-3.51	-4.17	-13.01	-9.88	-9.08	-7.77	-7.31	-6.18	-6.10	-6.71	-6.16	-13.92	-10.96	-9.16	-8.59	-6.81	-5.21	-5.72	-3.65
NORTH	23.29	22.07	21.03	19.89	20.71	21.72	31.08	29.41	27.58	20.58	21.51	20.66	20.57	19.00	19.00	19.51	19.00	31.51	35.06	28.57	28.57	25.00	24.16	25.20
61755	-1.00	-0.78	-0.72	-0.72	-0.91	-1.22	-1.53	-1.13	-1.53	-1.54	-1.45	-1.36	-1.35	-1.37	-1.33	-1.39	-1.55	-2.10	-1.92	-1.79	-1.57	-1.44	-1.25	-1.25
	0.00	0.00	0.00	0.00	0.00	3.04	0.00	0.00	2.13	10.00	8.66	8.96	8.06	8.84	8.06	8.59	12.53	11.19	3.92	7.69	3.30	3.59	0.12	0.08
NPX	34.04	31.70	32.33	32.79	34.09	36.34	47.00	48.94	46.02	46.00	43.86	42.59	40.12	39.20	39.08	39.59	53.09	71.96	59.71	52.07	44.64	39.00	36.13	34.56
61845	1.80	1.65	1.57	1.48	1.58	1.97	2.61	2.35	2.59	2.67	2.66	2.60	2.52	2.45	2.41	2.48	2.78	3.76	3.39	3.16	2.77	2.52	2.12	2.09
	-7.95	-7.21	-9.01	-10.69	-10.89	-8.38	-11.78	-16.05	-12.18	-11.20	-9.58	-9.02	-7.62	-7.53	-8.27	-7.63	-17.22	-23.40	-15.42	-10.86	-8.42	-6.45	-8.48	-5.95

O H 61846	24.44	23.02	22.20	21.32	22.20	26.05	32.63	31.36	31.47	32.06	31.43	30.00	29.48	28.75	28.00	28.92	33.55	43.70	39.80	37.00	32.50	28.95	25.20	26.10
	-0.75	-0.75	-0.72	-0.68	-0.65	-0.49	-0.65	-1.25	-1.37	-1.54	-1.45	-1.64	-1.50	-1.46	-1.48	-1.56	-1.79	-2.87	-2.58	-2.44	-2.04	-1.92	-1.25	-1.01
	-0.90	-0.93	-1.17	-1.38	-1.23	-0.56	-0.67	-2.08	-1.60	-1.47	-1.26	-0.67	-1.00	-0.99	-1.09	-0.99	-2.25	-1.77	-1.48	-1.39	-1.10	-0.84	-0.92	-0.59
PJM 61847	27.35	26.40	26.11	25.69	26.27	28.68	36.03	38.41	37.46	38.00	36.79	35.75	34.14	33.23	32.57	33.32	39.00	51.51	46.44	42.86	37.80	33.39	29.04	27.85
	0.39	0.36	0.37	0.35	0.43	0.78	1.14	0.76	0.81	0.90	0.92	0.77	0.78	0.67	0.51	0.53	0.56	0.71	0.53	0.49	0.63	0.51	0.38	0.48
	-2.67	-3.19	-3.99	-4.73	-4.22	-1.92	-2.28	-7.10	-5.41	-4.97	-4.25	-4.00	-3.38	-3.34	-3.67	-3.30	-5.35	-6.00	-5.01	-4.32	-3.72	-2.85	-3.13	-0.86
WEST 61752	24.95	23.45	22.60	21.67	22.60	26.69	33.62	32.23	32.34	32.96	32.41	31.45	30.42	29.63	28.83	29.81	34.52	45.00	40.95	38.07	33.28	29.62	25.79	26.72
	-0.22	-0.30	-0.28	-0.29	-0.22	0.16	0.36	-0.34	-0.47	-0.61	-0.44	-0.68	-0.54	-0.56	-0.62	-0.65	-0.76	-1.52	-1.39	-1.33	-1.24	-1.23	-0.64	-0.37
	-0.88	-0.91	-1.13	-1.35	-1.20	-0.55	-0.65	-2.03	-1.56	-1.44	-1.23	-1.16	-0.98	-0.97	-1.06	-0.97	-2.19	-1.72	-1.44	-1.35	-1.07	-0.82	-0.90	-0.57