

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/08/2016

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	31.98	31.12	28.39	30.37	31.90	32.66	51.06	57.62	53.58	51.84	49.80	47.72	45.54	43.93	42.92	45.51	60.45	76.95	67.70	59.01	51.48	47.32	46.38	42.41
61757	1.59	1.52	1.45	1.46	1.61	1.85	2.18	1.99	1.45	1.38	1.36	1.34	1.35	1.37	1.37	1.37	1.43	1.65	1.71	1.55	1.72	1.80	1.77	1.64
	-8.37	-8.15	-6.53	-8.61	-8.59	-5.51	-24.11	-32.56	-37.22	-35.60	-33.36	-31.15	-28.64	-26.99	-25.99	-28.53	-43.33	-57.77	-47.84	-40.92	-30.63	-25.58	-25.57	-20.97
CENTRL	23.21	22.56	21.33	21.47	22.90	26.21	27.58	26.42	29.39	29.48	28.42	27.51	25.86	25.65	25.61	25.64	30.83	36.62	37.49	35.96	31.69	27.78	21.41	22.07
61754	0.20	0.15	0.14	0.14	0.19	0.30	0.89	0.74	0.33	0.31	0.35	0.32	0.29	0.30	0.29	0.31	0.34	0.49	0.47	0.41	0.38	0.38	0.32	0.59
	-0.98	-0.97	-0.78	-1.02	-1.00	-0.61	-1.93	-2.60	-14.14	-14.30	-13.00	-11.96	-10.02	-9.79	-9.76	-9.72	-14.79	-18.60	-18.87	-19.01	-12.18	-7.47	-2.04	-1.67
DUNWOD	30.11	29.31	27.00	28.38	29.87	31.51	42.32	46.08	45.32	44.39	42.70	41.09	39.09	38.03	37.44	38.96	50.13	62.40	57.33	51.48	45.32	41.03	37.34	34.97
61760	1.85	1.80	1.73	1.68	1.76	2.07	2.38	2.52	1.86	1.87	1.90	1.92	1.97	1.98	2.01	2.00	1.98	2.10	2.18	1.98	2.45	2.51	2.21	1.98
	-6.23	-6.06	-4.86	-6.40	-6.41	-4.14	-15.17	-20.49	-28.54	-27.65	-25.73	-23.94	-21.57	-20.48	-19.88	-21.37	-32.46	-42.77	-37.00	-32.96	-23.74	-18.58	-16.09	-13.19
GENESE	22.55	21.85	20.65	20.77	22.25	25.61	26.96	25.54	28.66	28.75	27.73	26.85	25.27	25.13	25.09	25.04	30.02	35.65	36.63	35.21	30.89	27.00	20.70	21.68
61753	-0.29	-0.39	-0.39	-0.36	-0.28	-0.23	0.64	0.37	-0.01	-0.06	0.00	-0.02	0.02	0.06	0.05	0.03	0.02	0.18	0.09	0.03	-0.11	-0.10	0.02	0.53
	-0.81	-0.79	-0.63	-0.83	-0.83	-0.54	-1.55	-2.09	-13.76	-13.95	-12.65	-11.63	-9.71	-9.50	-9.49	-9.41	-14.31	-17.94	-18.38	-18.64	-11.87	-7.16	-1.64	-1.35
H Q	20.22	20.22	19.67	19.59	18.58	19.80	23.85	22.25	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	20.22	20.22	18.79	20.22	20.22	18.41	19.11
61844	-0.79	-0.77	-0.73	-0.71	-0.78	-0.94	-0.92	-0.83	-0.54	-0.53	-0.54	-0.55	-0.54	-0.55	-0.54	-0.55	-0.55	-0.63	-0.65	-0.59	-0.67	-0.70	-0.63	-0.69
	1.02	0.45	0.00	0.00	2.35	4.56	0.00	0.00	-2.02	-2.07	-1.87	-1.71	-1.40	-1.38	-1.39	-1.35	-1.26	-3.32	-2.72	-2.85	-1.76	-0.98	0.00	0.00
HUD VL	29.99	29.21	26.92	28.33	29.80	31.43	42.37	46.09	45.28	44.34	42.64	41.02	39.00	37.93	37.35	38.89	50.11	62.49	57.39	51.50	45.25	40.97	37.33	35.00
61758	1.78	1.76	1.69	1.68	1.74	2.02	2.35	2.42	1.76	1.77	1.78	1.80	1.83	1.84	1.87	1.87	1.88	2.08	2.16	1.95	2.33	2.39	2.11	1.94
	-6.18	-6.01	-4.82	-6.34	-6.35	-4.10	-15.25	-20.59	-28.60	-27.71	-25.79	-23.99	-21.62	-20.53	-19.93	-21.42	-32.54	-42.88	-37.08	-33.02	-23.79	-18.64	-16.17	-13.26
LONGIL	30.46	29.50	27.08	28.45	29.87	32.22	43.54	48.23	45.95	44.97	43.60	42.52	41.13	39.54	39.00	41.41	50.86	63.40	58.15	52.12	47.38	43.43	38.70	35.73
61762	2.20	1.99	1.82	1.75	1.76	2.78	3.59	3.74	2.49	2.45	2.61	2.68	2.74	2.74	2.72	2.79	2.70	3.05	2.99	2.61	3.39	3.47	3.01	2.73
	-6.23	-6.06	-4.86	-6.40	-6.41	-4.14	-15.18	-21.41	-28.55	-27.66	-25.92	-24.60	-22.84	-21.23	-20.73	-23.02	-32.46	-42.82	-37.01	-32.97	-24.86	-20.02	-16.66	-13.20
MHK VL	23.40	22.82	21.56	21.73	23.01	25.97	27.23	26.27	29.84	29.97	28.76	27.91	26.29	26.04	26.00	25.98	31.25	36.96	38.02	36.53	32.20	28.13	21.59	21.81
61756	0.33	0.30	0.29	0.28	0.33	0.25	0.64	0.74	0.40	0.40	0.33	0.40	0.47	0.44	0.42	0.42	0.41	0.40	0.47	0.40	0.56	0.58	0.63	0.44
	-1.04	-1.08	-0.87	-1.14	-0.98	-0.42	-1.82	-2.45	-14.52	-14.71	-13.35	-12.28	-10.27	-10.04	-10.02	-9.96	-15.15	-19.03	-19.39	-19.60	-12.52	-7.62	-1.93	-1.58
MILLWD	30.18	29.40	27.08	28.50	29.96	31.54	42.52	46.35	45.48	44.53	42.84	41.21	39.18	38.11	37.52	39.08	50.40	62.81	57.64	51.71	45.48	41.22	37.57	35.17
61759	1.87	1.84	1.77	1.75	1.80	2.07	2.40	2.54	1.85	1.86	1.88	1.89	1.93	1.93	1.96	1.97	2.03	2.21	2.27	2.05	2.47	2.55	2.25	2.02
	-6.27	-6.11	-4.90	-6.45	-6.46	-4.17	-15.35	-20.73	-28.72	-27.81	-25.89	-24.09	-21.71	-20.62	-20.01	-21.51	-32.68	-43.07	-37.22	-33.13	-23.88	-18.73	-16.28	-13.35
N.Y.C.	30.31	29.48	27.15	28.55	30.03	31.69	42.42	46.29	45.47	44.55	42.89	41.30	39.30	38.25	37.67	39.19	50.29	62.45	57.44	51.62	45.55	41.28	37.58	35.16
61761	2.05	1.97	1.88	1.85	1.91	2.25	2.48	2.72	2.01	2.04	2.08	2.12	2.18	2.20	2.22	2.21	2.13	2.19	2.29	2.12	2.68	2.75	2.44	2.16
	-6.23	-6.06	-4.86	-6.40	-6.41	-4.14	-15.17	-20.49	-28.54	-27.66	-25.74	-23.94	-21.57	-20.49	-19.89	-21.37	-32.46	-42.73	-37.00	-32.96	-23.74	-18.59	-16.10	-13.20
NORTH	20.06	20.57	19.57	19.45	18.56	19.89	23.16	21.44	17.37	17.47	17.27	17.21	17.02	16.99	17.02	16.94	18.06	20.48	21.62	20.44	21.13	20.49	17.82	18.52
61755	-1.04	-0.88	-0.84	-0.85	-1.00	-1.24	-1.14	-1.01	-0.75	-0.73	-0.78	-0.75	-0.68	-0.73	-0.73	-0.72	-0.77	-0.84	-0.89	-0.83	-0.82	-0.86	-0.72	-0.87
	0.93	0.00	0.00	0.00	2.15	4.17	0.47	0.63	-3.20	-3.33	-2.98	-2.72	-2.16	-2.15	-2.19	-2.06	-3.14	-3.79	-4.35	-4.73	-2.82	-1.41	0.49	0.41
NPX	31.18	30.29	27.74	29.46	30.98	34.01	47.16	52.30	49.77	48.46	46.58	44.72	42.62	41.24	40.41	42.53	54.93	71.14	62.98	55.57	48.59	44.38	42.17	38.99
61845	1.74	1.63	1.55	1.54	1.65	2.02	2.38	2.19	1.55	1.57	1.58	1.58	1.63	1.62	1.62	1.64	1.62	1.84	1.87	1.67	1.93	2.03	1.90	1.78
	-7.41	-7.21	-5.78	-7.61	-7.62	-6.69	-20.01	-27.03	-33.31	-32.02	-29.93	-27.90	-25.45	-24.06	-23.24	-25.29	-37.62	-51.77	-42.96	-37.36	-27.53	-22.41	-21.23	-17.40

O H 61846	22.56	21.99	20.72	20.89	22.21	25.44	27.41	26.02	29.07	29.12	28.15	27.16	25.51	25.30	25.25	25.31	29.69	37.14	37.00	35.49	30.95	27.08	20.93	22.10
	-0.55	-0.51	-0.53	-0.53	-0.61	-0.58	0.52	0.07	-0.30	-0.34	-0.20	-0.29	-0.30	-0.28	-0.28	-0.25	-0.36	-0.26	-0.42	-0.40	-0.61	-0.54	-0.36	0.46
	-1.08	-1.06	-0.85	-1.11	-1.12	-0.72	-2.12	-2.87	-14.45	-14.60	-13.27	-12.21	-10.26	-10.01	-9.98	-9.96	-14.35	-19.88	-19.27	-19.35	-12.43	-7.68	-2.25	-1.85
PJM 61847	26.07	25.42	23.70	24.44	25.84	28.30	34.32	35.32	36.68	36.28	34.94	33.62	31.79	31.18	30.90	31.62	38.84	49.31	46.56	43.03	37.72	33.61	28.54	28.01
	0.55	0.58	0.57	0.55	0.54	0.68	1.41	1.25	0.76	0.74	0.80	0.72	0.73	0.73	0.76	0.76	0.75	0.91	0.89	0.79	0.90	0.94	0.86	1.13
	-3.49	-3.40	-2.72	-3.58	-3.59	-2.32	-8.14	-11.00	-21.00	-20.68	-19.07	-17.67	-15.51	-14.88	-14.58	-15.26	-22.39	-30.87	-27.52	-25.70	-17.69	-12.74	-8.64	-7.08
WEST 61752	23.02	22.43	21.13	21.27	22.62	26.08	28.23	26.71	29.50	29.52	28.62	27.63	25.96	25.73	25.68	25.74	30.92	36.87	37.52	35.95	31.43	27.55	21.33	22.61
	-0.07	-0.04	-0.10	-0.12	-0.17	0.08	1.39	0.83	0.19	0.12	0.33	0.23	0.20	0.20	0.19	0.23	0.16	0.37	0.18	0.13	-0.08	-0.02	0.10	1.01
	-1.06	-1.03	-0.82	-1.08	-1.09	-0.70	-2.07	-2.80	-14.39	-14.54	-13.22	-12.16	-10.21	-9.96	-9.93	-9.91	-15.07	-18.98	-19.18	-19.28	-12.38	-7.63	-2.20	-1.80