

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/08/2017

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	68.69	67.82	66.34	60.81	60.74	59.39	63.70	66.92	74.20	88.21	86.84	84.65	84.98	80.40	77.69	80.06	101.28	122.16	108.26	106.51	101.06	96.12	97.90	76.86
61757	1.59	1.43	1.41	1.41	1.41	1.54	1.66	1.58	2.11	2.21	2.14	2.17	1.79	1.73	1.76	1.75	1.93	3.48	3.73	3.28	2.48	2.30	1.70	1.73
	-41.86	-44.01	-42.94	-37.45	-37.31	-34.21	-35.23	-39.52	-41.14	-53.03	-53.31	-51.05	-57.64	-53.64	-50.79	-53.36	-72.15	-69.64	-50.39	-56.31	-63.08	-60.05	-71.58	-47.31
CENTRL	29.55	26.93	26.39	25.81	25.87	27.22	30.57	29.98	35.09	38.25	36.68	36.52	31.36	30.41	30.25	30.35	34.54	55.90	59.01	52.48	41.93	39.70	31.80	32.65
61754	0.05	0.07	0.02	0.04	0.04	0.09	0.16	0.13	-0.06	-0.13	-0.16	-0.13	-0.08	-0.10	-0.08	-0.05	-0.03	-0.24	-0.27	-0.19	0.00	-0.20	-0.12	0.00
	-4.27	-4.49	-4.38	-3.82	-3.80	-3.49	-3.59	-4.03	-4.19	-5.41	-5.44	-5.21	-5.88	-5.47	-5.18	-5.45	-7.36	-7.11	-5.14	-5.75	-6.44	-6.13	-7.30	-4.82
DUNWOD	56.38	54.78	53.57	49.74	49.74	49.27	53.57	55.61	62.76	73.31	71.73	70.15	68.22	64.90	63.05	64.60	80.12	102.67	95.10	91.06	83.14	79.16	76.71	63.22
61760	2.25	2.02	1.94	1.93	1.96	2.01	2.44	2.50	3.41	3.73	3.52	3.46	2.86	2.83	2.84	2.79	3.10	5.54	6.17	5.25	4.08	3.92	2.66	2.73
	-28.90	-30.38	-29.65	-25.85	-25.76	-23.62	-24.32	-27.28	-28.40	-36.61	-36.82	-35.25	-39.81	-37.04	-35.08	-36.85	-49.82	-48.09	-34.80	-38.88	-43.56	-41.47	-49.43	-32.66
GENESE	28.41	25.82	25.28	24.82	24.90	26.36	29.48	28.35	32.80	35.64	34.36	34.24	29.21	28.39	28.36	28.39	32.04	53.20	56.55	49.89	39.60	37.38	29.53	31.39
61753	-0.18	-0.09	-0.15	-0.13	-0.11	-0.02	-0.16	-0.64	-1.45	-1.58	-1.32	-1.29	-0.97	-0.95	-0.85	-0.85	-0.95	-1.42	-1.62	-1.55	-0.96	-1.21	-0.84	-0.22
	-3.35	-3.53	-3.44	-3.00	-2.99	-2.74	-2.82	-3.17	-3.30	-4.25	-4.28	-4.10	-4.63	-4.30	-4.08	-4.28	-5.79	-5.59	-4.04	-4.52	-5.06	-4.82	-5.74	-3.79
H Q	24.58	21.78	21.42	21.38	21.43	23.00	26.09	25.13	30.06	32.09	30.55	30.59	24.81	24.31	24.41	24.23	26.41	47.76	52.78	45.70	34.43	32.83	23.95	27.10
61844	-0.66	-0.60	-0.57	-0.57	-0.59	-0.64	-0.72	-0.70	-0.90	-0.89	-0.85	-0.85	-0.74	-0.73	-0.73	-0.72	-0.79	-1.28	-1.35	-1.22	-1.06	-0.95	-0.66	-0.72
	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	56.39	54.81	53.62	49.78	49.78	49.30	53.48	55.54	62.60	73.16	71.62	70.00	68.14	64.79	62.98	64.51	80.13	102.50	94.76	90.76	82.96	78.99	76.75	63.07
61758	2.14	1.92	1.87	1.86	1.89	1.94	2.25	2.33	3.13	3.43	3.20	3.11	2.55	2.50	2.57	2.49	2.83	5.10	5.63	4.74	3.66	3.51	2.41	2.45
	-29.02	-30.50	-29.77	-25.96	-25.86	-23.72	-24.42	-27.39	-28.51	-36.76	-37.02	-35.45	-40.03	-37.25	-35.27	-37.06	-50.10	-48.36	-35.00	-39.10	-43.81	-41.70	-49.71	-32.79
LONGIL	69.17	66.88	65.92	61.93	61.94	61.61	66.25	69.32	75.82	88.59	88.54	95.10	81.54	80.00	89.74	93.72	99.02	143.62	145.00	137.60	117.15	109.75	87.58	68.36
61762	3.36	2.98	2.93	2.90	2.93	3.05	3.67	3.69	4.80	5.18	4.77	4.75	3.88	3.83	3.87	3.82	4.22	7.55	8.39	7.22	5.61	5.30	3.69	3.92
	-40.58	-41.53	-41.01	-37.08	-36.99	-34.92	-35.76	-39.80	-40.06	-50.44	-52.38	-58.91	-52.11	-51.13	-60.73	-64.96	-67.60	-87.03	-82.48	-83.45	-76.05	-70.68	-59.27	-36.61
MHK VL	30.85	28.08	27.53	26.87	26.90	28.26	31.67	31.24	36.69	40.13	38.08	37.91	32.46	31.48	31.29	31.39	35.72	58.38	61.61	54.73	43.41	41.35	32.99	34.23
61756	0.86	0.69	0.66	0.66	0.64	0.73	0.86	0.93	1.05	1.12	1.07	1.10	0.84	0.80	0.80	0.82	0.93	2.01	2.17	1.88	1.28	1.25	0.84	1.03
	-4.76	-5.00	-4.88	-4.26	-4.24	-3.89	-4.00	-4.49	-4.67	-6.03	-5.61	-5.37	-6.07	-5.65	-5.35	-5.62	-7.60	-7.33	-5.31	-5.93	-6.64	-6.32	-7.54	-5.38
MILLWD	56.95	55.39	54.17	50.26	50.24	49.73	54.03	56.15	63.35	74.06	72.47	70.83	68.99	65.60	63.71	65.29	81.09	103.65	95.78	91.82	83.99	79.97	77.70	63.80
61759	2.27	2.06	1.98	1.98	1.98	2.03	2.44	2.53	3.47	3.79	3.55	3.46	2.86	2.80	2.81	2.77	3.10	5.59	6.17	5.25	4.08	3.92	2.68	2.70
	-29.44	-30.95	-30.20	-26.33	-26.24	-24.06	-24.77	-27.79	-28.93	-37.29	-37.53	-35.94	-40.58	-37.76	-35.76	-37.57	-50.79	-49.03	-35.48	-39.64	-44.41	-42.28	-50.40	-33.27
N.Y.C.	56.61	54.96	53.75	49.91	49.92	49.46	53.84	55.92	63.16	73.77	72.13	70.56	68.56	65.21	63.39	64.90	80.49	103.30	97.13	94.28	88.00	79.61	77.00	63.55
61761	2.47	2.19	2.11	2.11	2.14	2.20	2.71	2.82	3.81	4.19	3.92	3.87	3.19	3.13	3.17	3.09	3.46	6.18	6.88	5.91	4.54	4.36	2.95	3.06
	-28.90	-30.38	-29.65	-25.85	-25.76	-23.62	-24.32	-27.28	-28.40	-36.61	-36.81	-35.25	-39.82	-37.05	-35.08	-36.86	-49.83	-48.09	-36.13	-41.44	-47.96	-41.48	-49.43	-32.66
NORTH	24.63	21.75	21.44	21.38	21.41	22.98	26.03	25.08	29.81	31.99	30.52	30.56	24.71	24.21	24.23	24.05	26.31	47.81	52.99	45.84	34.22	32.73	23.83	27.10
61755	-0.61	-0.63	-0.55	-0.57	-0.62	-0.66	-0.78	-0.75	-1.14	-0.99	-0.88	-0.88	-0.84	-0.83	-0.90	-0.90	-0.90	-1.22	-1.14	-1.08	-1.28	-1.05	-0.79	-0.72
	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	63.30	62.12	60.80	55.99	55.96	55.00	59.30	61.97	69.12	81.59	80.12	78.19	77.62	73.58	71.22	73.28	92.00	113.39	102.10	99.47	93.09	88.50	88.68	70.83
61845	1.69	1.50	1.50	1.49	1.52	1.63	1.88	1.81	2.42	2.54	2.38	2.39	1.97	1.93	1.94	1.95	2.09	3.83	4.17	3.61	2.77	2.53	1.85	1.89
	-36.38	-38.24	-37.31	-32.54	-32.42	-29.73	-30.61	-34.34	-35.75	-46.08	-46.34	-44.37	-50.10	-46.62	-44.15	-46.38	-62.71	-60.53	-43.80	-48.94	-54.83	-52.19	-62.22	-41.11

O H 61846	28.72	26.41	25.87	25.25	25.30	26.55	29.56	28.85	33.15	36.23	34.77	34.53	29.96	29.12	28.98	29.11	33.22	52.71	55.12	49.44	40.01	37.83	30.68	31.66
	-1.11	-0.80	-0.84	-0.81	-0.81	-0.85	-1.13	-1.32	-2.32	-2.57	-2.48	-2.52	-1.92	-1.80	-1.73	-1.70	-1.90	-3.97	-4.55	-3.66	-2.41	-2.53	-1.80	-1.36
	-4.60	-4.83	-4.71	-4.11	-4.10	-3.76	-3.87	-4.34	-4.52	-5.82	-5.85	-5.61	-6.33	-5.89	-5.58	-5.86	-7.92	-7.65	-5.53	-6.18	-6.93	-6.59	-7.86	-5.19
PJM 61847	41.36	39.39	38.59	36.51	36.53	36.97	40.57	41.28	47.05	53.62	51.97	51.09	47.76	45.72	44.77	45.55	55.00	75.80	73.61	68.74	60.00	57.00	52.02	46.08
	0.23	0.29	0.29	0.33	0.33	0.33	0.38	0.44	0.47	0.50	0.31	0.25	0.31	0.30	0.33	0.32	0.38	0.30	0.33	0.42	0.53	0.41	0.20	0.28
	-15.90	-16.72	-16.31	-14.23	-14.17	-13.00	-13.38	-15.01	-15.63	-20.15	-20.26	-19.40	-21.91	-20.38	-19.30	-20.28	-27.42	-26.46	-19.15	-21.40	-23.97	-22.82	-27.20	-17.97
WEST 61752	29.21	26.78	26.19	25.59	25.66	26.97	30.11	29.27	33.57	36.65	35.25	35.03	30.27	29.47	29.32	29.46	33.51	53.80	56.43	50.60	40.68	38.38	30.95	32.19
	-0.35	-0.16	-0.24	-0.24	-0.22	-0.21	-0.35	-0.64	-1.64	-1.81	-1.66	-1.70	-1.25	-1.13	-1.08	-1.02	-1.17	-2.45	-2.92	-2.16	-1.35	-1.62	-1.08	-0.53
	-4.33	-4.55	-4.44	-3.87	-3.86	-3.54	-3.64	-4.09	-4.26	-5.48	-5.52	-5.29	-5.97	-5.56	-5.26	-5.53	-7.48	-7.22	-5.22	-5.83	-6.54	-6.22	-7.42	-4.89