

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/15/2017

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	53.00	48.70	44.89	44.77	44.56	43.80	51.50	51.15	45.36	51.69	45.87	45.05	44.80	44.73	44.63	44.57	45.63	54.50	51.87	47.34	49.33	48.77	45.20	50.47
61757	0.74	0.78	0.80	0.81	0.92	1.33	2.07	2.71	3.12	2.28	2.25	2.06	2.03	2.00	1.90	2.04	3.07	3.40	3.38	2.59	2.03	1.81	1.51	0.79
	-40.51	-35.54	-31.15	-31.07	-29.22	-24.07	-18.53	-9.09	-0.07	-18.62	-13.61	-14.81	-14.54	-15.72	-16.73	-14.14	-0.46	-0.30	-0.15	-8.35	-19.12	-21.10	-21.44	-35.99
CENTRL	16.07	16.16	16.28	16.23	17.60	21.11	32.95	40.42	42.06	33.01	31.73	29.97	29.98	28.91	28.00	30.02	41.89	50.59	47.80	37.12	30.31	28.18	24.60	17.55
61754	0.04	0.02	0.05	0.05	0.09	0.17	0.09	0.12	-0.13	0.28	0.33	0.28	0.22	0.24	0.23	0.14	-0.21	-0.20	-0.53	-0.11	0.17	0.10	0.09	0.04
	-4.28	-3.76	-3.29	-3.29	-3.09	-2.55	-1.96	-0.96	-0.01	-1.94	-1.39	-1.51	-1.52	-1.66	-1.76	-1.49	-0.01	0.00	0.00	-0.82	-1.96	-2.22	-2.26	-3.82
DUNWOD	40.64	37.90	35.52	35.39	35.78	36.65	46.70	49.53	46.86	48.77	45.97	44.79	42.21	40.94	40.49	41.34	49.51	58.16	54.49	49.64	47.60	43.30	39.40	39.80
61760	1.03	1.08	1.16	1.13	1.27	1.69	3.06	3.93	4.64	3.57	3.54	3.32	3.33	3.13	2.99	3.23	4.63	5.28	5.12	4.08	3.27	2.95	2.43	1.36
	-27.86	-24.44	-21.42	-21.36	-20.09	-16.56	-12.75	-6.25	-0.05	-14.41	-12.41	-13.29	-10.65	-10.80	-11.50	-9.72	-2.78	-2.09	-1.04	-9.15	-16.15	-14.50	-14.73	-24.76
GENESE	14.73	14.90	15.11	15.05	16.42	19.93	31.36	38.99	40.41	31.56	30.64	28.87	28.87	27.86	26.87	28.82	40.34	48.66	45.82	35.62	28.99	26.92	23.41	16.16
61753	-0.34	-0.40	-0.38	-0.39	-0.39	-0.44	-1.05	-1.10	-1.77	-0.74	-0.45	-0.48	-0.54	-0.43	-0.49	-0.71	-1.77	-2.13	-2.52	-1.42	-0.70	-0.65	-0.58	-0.47
	-3.32	-2.91	-2.55	-2.55	-2.39	-1.97	-1.52	-0.74	-0.01	-1.50	-1.07	-1.17	-1.18	-1.28	-1.36	-1.15	-0.01	0.00	0.00	-0.63	-1.51	-1.71	-1.74	-2.93
H Q	11.45	12.06	12.57	12.53	14.00	17.85	30.15	38.40	41.16	29.81	29.00	27.25	27.30	26.12	25.17	27.20	41.49	49.88	47.47	35.50	27.30	25.08	21.56	13.32
61844	-0.31	-0.32	-0.36	-0.36	-0.42	-0.55	-0.74	-0.94	-1.01	-0.99	-1.02	-0.93	-0.93	-0.89	-0.83	-0.82	-0.97	-0.91	-0.87	-0.91	-0.87	-0.77	-0.69	-0.37
	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	0.36	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	40.77	38.01	35.62	35.50	35.87	36.70	46.67	49.37	46.48	48.26	45.20	44.03	41.94	40.78	40.34	41.16	48.71	57.50	54.03	48.75	46.89	43.22	39.34	39.83
61758	1.01	1.06	1.15	1.13	1.25	1.66	2.97	3.74	4.26	3.30	3.30	3.10	3.13	2.92	2.78	3.01	4.30	4.98	4.83	3.82	3.07	2.79	2.29	1.27
	-28.00	-24.57	-21.54	-21.48	-20.20	-16.64	-12.81	-6.28	-0.05	-14.17	-11.88	-12.75	-10.58	-10.86	-11.55	-9.76	-2.31	-1.73	-0.86	-8.53	-15.64	-14.57	-14.80	-24.87
LONGIL	45.51	45.53	42.07	36.89	43.47	51.38	72.18	74.81	74.96	76.41	68.14	63.12	61.32	60.77	61.25	63.37	95.25	116.19	113.68	99.28	88.41	76.34	68.08	63.96
61762	1.30	1.39	1.50	1.48	1.64	2.17	3.77	4.88	5.61	4.31	4.32	4.06	4.04	3.83	3.64	3.97	5.77	6.60	6.38	5.06	3.97	3.62	3.09	1.74
	-32.45	-31.77	-27.64	-22.51	-27.41	-30.81	-37.52	-30.59	-27.18	-41.31	-33.80	-30.88	-29.05	-29.92	-31.61	-31.01	-47.39	-58.80	-58.97	-57.82	-56.26	-46.87	-42.75	-48.53
MHK VL	16.34	16.45	16.54	16.49	17.86	21.52	34.08	41.71	43.70	33.93	32.57	30.64	30.46	29.21	28.22	30.35	43.38	52.54	49.73	38.53	31.13	28.64	24.92	17.81
61756	0.33	0.33	0.34	0.33	0.37	0.59	1.24	1.41	1.52	1.05	0.87	0.76	0.76	0.68	0.60	0.60	1.05	1.58	1.31	1.06	0.87	0.75	0.60	0.34
	-4.26	-3.73	-3.27	-3.26	-3.07	-2.53	-1.95	-0.96	-0.01	-2.09	-1.69	-1.70	-1.47	-1.53	-1.62	-1.37	-0.23	-0.17	-0.09	-1.07	-2.08	-2.04	-2.07	-3.78
MILLWD	41.06	38.29	35.86	35.74	36.11	36.94	47.00	49.78	46.95	48.98	46.12	44.92	42.39	41.12	40.66	41.48	49.54	58.27	54.57	49.70	47.76	43.56	39.66	40.16
61759	1.06	1.13	1.20	1.19	1.31	1.75	3.18	4.09	4.72	3.63	3.63	3.38	3.39	3.16	2.99	3.23	4.71	5.44	5.22	4.15	3.32	3.00	2.47	1.37
	-28.25	-24.78	-21.72	-21.66	-20.37	-16.79	-12.92	-6.34	-0.05	-14.55	-12.47	-13.36	-10.78	-10.96	-11.66	-9.86	-2.72	-2.04	-1.01	-9.15	-16.26	-14.71	-14.94	-25.11
N.Y.C.	40.76	38.01	35.64	35.51	35.91	36.78	46.92	49.77	47.24	49.10	46.28	45.09	42.48	41.22	40.74	41.60	49.84	58.47	54.83	49.93	47.83	43.53	39.64	39.96
61761	1.12	1.16	1.25	1.23	1.37	1.80	3.27	4.17	5.02	3.88	3.84	3.61	3.59	3.40	3.22	3.49	4.97	5.59	5.46	4.37	3.49	3.15	2.65	1.48
	-27.89	-24.47	-21.45	-21.39	-20.12	-16.57	-12.76	-6.26	-0.04	-14.42	-12.42	-13.30	-10.66	-10.81	-11.51	-9.73	-2.78	-2.09	-1.04	-9.16	-16.16	-14.52	-14.75	-24.79
NORTH	11.42	12.05	12.49	12.48	13.93	17.81	30.49	38.40	41.21	29.56	28.70	26.91	27.04	25.87	25.02	27.31	41.00	50.19	47.70	35.57	27.25	25.00	21.45	13.29
61755	-0.33	-0.33	-0.44	-0.41	-0.49	-0.59	-0.40	-0.94	-0.97	-1.23	-1.32	-1.27	-1.18	-1.13	-0.99	-1.08	-1.09	-0.61	-0.63	-0.84	-0.93	-0.85	-0.80	-0.40
	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	49.92	46.68	42.50	42.44	47.15	57.53	68.89	62.42	60.20	57.03	56.09	53.14	51.64	50.80	50.45	52.29	77.80	82.40	80.00	76.00	71.00	60.30	50.00	53.82
61845	0.90	0.95	1.01	1.01	1.13	1.51	2.56	3.31	3.80	2.89	2.85	2.68	2.65	2.54	2.42	2.61	3.75	4.21	4.16	3.31	2.62	2.38	2.00	1.11
	-37.26	-33.35	-28.56	-28.54	-31.61	-37.62	-35.43	-19.77	-14.23	-23.34	-23.22	-22.28	-20.76	-21.25	-22.03	-21.30	-31.96	-27.39	-27.51	-36.28	-40.20	-32.07	-25.75	-39.02

O H 61846	15.51	15.56	15.65	15.60	16.89	20.12	30.76	37.66	38.68	31.11	30.10	28.44	28.48	27.59	26.69	28.09	39.06	46.53	43.69	34.49	28.64	26.64	23.39	16.83
	-0.68	-0.72	-0.70	-0.70	-0.73	-0.92	-2.16	-2.68	-3.50	-1.69	-1.35	-1.30	-1.33	-1.13	-1.14	-1.48	-3.41	-4.27	-4.64	-2.77	-1.58	-1.53	-1.20	-0.82
	-4.44	-3.90	-3.42	-3.41	-3.20	-2.64	-2.03	-1.00	-0.01	-2.01	-1.44	-1.56	-1.57	-1.71	-1.83	-1.19	-0.37	0.00	0.00	-0.85	-2.04	-2.31	-2.35	-3.96
PJM 61847	29.48	28.00	26.75	26.64	27.43	29.42	39.82	44.40	43.38	41.00	38.92	37.53	36.12	35.06	32.55	32.22	42.95	53.23	49.73	43.00	39.21	35.98	31.52	29.70
	0.31	0.33	0.41	0.39	0.45	0.66	0.96	1.14	1.18	1.35	1.44	1.35	1.30	1.30	1.17	1.19	1.22	1.32	1.06	1.20	1.21	1.04	0.87	0.48
	-17.42	-15.28	-13.40	-13.36	-12.57	-10.35	-7.97	-3.91	-0.03	-8.85	-7.46	-8.00	-6.59	-6.75	-5.38	-2.64	0.37	-1.12	-0.33	-5.39	-9.82	-9.09	-8.41	-15.53
WEST 61752	15.66	15.72	15.84	15.78	17.11	20.49	31.53	38.91	39.95	32.06	31.09	29.38	29.35	28.45	27.49	29.34	40.00	48.00	45.00	35.45	29.39	27.23	23.87	16.97
	-0.45	-0.48	-0.44	-0.45	-0.45	-0.50	-1.36	-1.41	-2.24	-0.71	-0.33	-0.34	-0.42	-0.24	-0.29	-0.54	-2.10	-2.79	-3.33	-1.78	-0.76	-0.85	-0.65	-0.53
	-4.35	-3.82	-3.35	-3.34	-3.14	-2.59	-1.99	-0.98	-0.01	-1.97	-1.41	-1.53	-1.55	-1.69	-1.77	-1.49	-0.01	0.00	0.00	-0.82	-1.97	-2.23	-2.27	-3.82