

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/19/2017

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	36.71	33.56	33.29	32.11	33.10	35.48	36.53	39.49	37.90	39.51	37.41	35.91	35.01	33.94	33.30	35.09	44.61	53.18	48.86	41.53	38.30	32.70	31.13	32.88
61757	0.66	0.57	0.54	0.53	0.56	0.71	1.28	1.30	1.51	1.41	1.39	1.38	1.27	1.31	1.29	1.22	1.46	1.82	1.70	1.64	1.50	1.37	1.10	0.59
	-25.48	-23.57	-23.76	-22.54	-23.57	-23.73	-14.22	-16.91	-13.55	-16.76	-14.88	-13.59	-14.49	-13.41	-12.72	-15.67	-23.09	-26.82	-23.87	-16.79	-15.69	-12.25	-14.11	-22.55
CENTRL	13.65	12.26	11.84	11.75	11.82	14.00	23.16	23.77	24.87	23.84	23.41	23.03	21.42	21.29	21.28	20.52	23.74	28.81	27.13	25.98	23.74	21.23	18.21	12.96
61754	0.13	0.10	0.10	0.10	0.12	0.22	0.48	0.53	0.46	0.55	0.55	0.52	0.50	0.52	0.52	0.51	0.58	0.69	0.65	0.65	0.53	0.52	0.40	0.21
	-2.95	-2.73	-2.75	-2.61	-2.73	-2.75	-1.65	-1.96	-1.57	-1.94	-1.72	-1.57	-1.68	-1.55	-1.47	-1.81	-3.10	-3.58	-3.18	-2.24	-2.09	-1.63	-1.88	-3.01
DUNWOD	29.57	26.94	26.60	25.79	26.43	28.83	33.25	35.45	34.82	35.39	33.88	32.78	31.51	30.66	30.29	31.12	39.65	47.52	43.85	38.30	35.24	30.32	28.28	27.65
61760	0.98	0.85	0.81	0.81	0.79	1.01	2.17	2.21	2.63	2.48	2.47	2.47	2.27	2.19	2.22	2.11	2.25	2.82	2.63	2.59	2.34	2.04	1.75	0.97
	-18.01	-16.66	-16.80	-15.94	-16.66	-16.78	-10.06	-11.96	-9.35	-11.56	-10.27	-9.38	-10.00	-9.26	-8.78	-10.81	-17.35	-20.15	-17.93	-12.62	-11.79	-9.20	-10.60	-16.95
GENESE	12.43	11.16	10.74	10.68	10.74	12.88	21.97	22.55	23.64	22.54	22.15	21.89	20.35	20.31	20.32	19.51	22.27	27.23	25.57	24.68	22.55	20.31	17.27	11.81
61753	-0.25	-0.23	-0.22	-0.23	-0.19	-0.12	-0.23	-0.13	-0.32	-0.19	-0.21	-0.17	-0.10	-0.02	-0.02	0.02	0.00	0.12	0.00	-0.02	-0.06	0.06	0.00	-0.08
	-2.11	-1.95	-1.97	-1.87	-1.95	-1.97	-1.18	-1.40	-1.12	-1.38	-1.23	-1.12	-1.20	-1.11	-1.05	-1.29	-2.21	-2.56	-2.28	-1.60	-1.50	-1.17	-1.35	-2.15
H Q	10.27	9.15	8.73	8.78	8.71	10.67	20.27	20.49	21.95	20.49	20.27	20.09	18.45	18.43	18.50	17.44	19.23	23.49	22.31	22.13	20.27	18.30	15.26	9.40
61844	-0.31	-0.27	-0.26	-0.26	-0.27	-0.36	-0.76	-0.79	-0.89	-0.85	-0.87	-0.84	-0.79	-0.79	-0.79	-0.76	-0.82	-1.05	-0.98	-0.97	-0.85	-0.78	-0.67	-0.33
	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	29.33	26.73	26.41	25.61	26.25	28.64	33.01	35.17	34.57	35.16	33.59	32.47	31.23	30.40	30.00	30.88	39.28	47.14	43.46	37.96	34.92	30.00	28.00	27.43
61758	0.90	0.78	0.76	0.77	0.75	0.97	2.02	2.04	2.35	2.22	2.16	2.14	1.96	1.90	1.91	1.84	1.99	2.58	2.35	2.33	2.09	1.77	1.54	0.86
	-17.86	-16.52	-16.65	-15.80	-16.52	-16.63	-9.97	-11.85	-9.37	-11.59	-10.29	-9.40	-10.02	-9.28	-8.80	-10.84	-17.24	-20.02	-17.81	-12.53	-11.71	-9.14	-10.53	-16.84
LONGIL	31.55	29.35	26.81	26.08	26.57	34.57	47.75	49.56	48.18	48.28	41.08	40.74	39.87	40.07	39.61	39.93	52.55	68.99	59.04	50.72	45.67	45.78	42.89	38.71
61762	1.23	1.09	1.00	1.07	0.91	1.33	2.73	2.85	3.20	3.01	3.00	2.99	2.71	2.65	2.66	2.51	2.77	3.44	3.22	3.16	2.83	2.48	2.21	1.24
	-19.74	-18.83	-16.82	-15.97	-16.68	-22.20	-23.99	-25.43	-22.14	-23.92	-16.94	-16.82	-17.91	-18.20	-17.66	-19.22	-29.73	-41.01	-32.53	-24.46	-21.72	-24.22	-24.75	-27.74
MHK VL	13.80	12.37	11.94	11.85	11.91	14.08	23.36	23.95	25.02	23.83	23.43	23.06	21.42	21.27	21.25	20.43	23.76	28.89	27.21	26.07	23.86	21.26	18.21	13.18
61756	0.29	0.23	0.22	0.22	0.22	0.31	0.69	0.72	0.71	0.66	0.68	0.65	0.60	0.60	0.58	0.53	0.62	0.79	0.75	0.74	0.66	0.55	0.41	0.25
	-2.93	-2.71	-2.74	-2.59	-2.71	-2.73	-1.64	-1.95	-1.47	-1.82	-1.62	-1.48	-1.58	-1.46	-1.38	-1.70	-3.08	-3.56	-3.17	-2.23	-2.08	-1.63	-1.87	-3.20
MILLWD	29.86	27.21	26.87	26.05	26.71	29.10	33.47	35.63	35.02	35.61	34.05	32.94	31.68	30.77	30.40	31.29	39.95	47.88	44.25	38.59	35.54	30.50	28.42	27.83
61759	1.03	0.90	0.85	0.86	0.84	1.06	2.25	2.23	2.67	2.50	2.47	2.47	2.27	2.13	2.18	2.09	2.37	2.97	2.84	2.75	2.51	2.12	1.78	0.97
	-18.25	-16.89	-17.02	-16.15	-16.89	-17.00	-10.19	-12.12	-9.51	-11.76	-10.44	-9.54	-10.17	-9.41	-8.93	-11.00	-17.53	-20.36	-18.12	-12.75	-11.91	-9.30	-10.71	-17.13
N.Y.C.	29.66	27.01	26.66	25.84	26.49	28.89	33.42	35.69	35.08	35.66	34.97	34.25	33.19	30.91	30.53	31.35	39.88	47.80	44.12	38.56	35.51	30.52	28.44	27.76
61761	1.06	0.91	0.85	0.85	0.84	1.06	2.33	2.45	2.88	2.73	2.73	2.74	2.50	2.42	2.45	2.33	2.47	3.09	2.89	2.84	2.60	2.23	1.91	1.07
	-18.03	-16.68	-16.82	-15.95	-16.68	-16.80	-10.06	-11.97	-9.36	-11.58	-11.11	-10.57	-11.44	-9.27	-8.79	-10.82	-17.36	-20.16	-17.94	-12.62	-11.80	-9.20	-10.61	-16.96
NORTH	10.22	9.08	8.67	8.72	8.63	10.55	20.06	20.07	21.38	19.88	19.64	19.40	17.74	17.72	17.77	16.73	18.53	22.61	21.54	21.36	19.57	17.65	14.64	9.18
61755	-0.36	-0.35	-0.32	-0.33	-0.35	-0.49	-0.97	-1.21	-1.46	-1.47	-1.50	-1.53	-1.50	-1.50	-1.52	-1.47	-1.53	-1.94	-1.75	-1.73	-1.54	-1.43	-1.29	-0.55
	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	33.42	34.41	33.91	32.70	34.41	37.67	43.38	44.09	41.18	37.96	37.17	35.26	33.45	32.49	32.00	33.44	45.97	59.95	52.73	43.78	37.75	33.59	30.00	30.42
61845	0.85	0.74	0.71	0.71	0.71	0.89	1.74	1.79	2.08	1.94	1.94	1.92	1.77	1.77	1.77	1.67	1.82	2.28	2.14	2.10	1.92	1.75	1.48	0.81
	-21.99	-24.24	-24.21	-22.95	-24.72	-25.74	-20.61	-21.02	-16.26	-14.67	-14.09	-12.40	-12.43	-11.51	-10.94	-13.57	-24.09	-33.12	-27.30	-18.58	-14.71	-12.75	-12.59	-19.88

O H 61846	13.01	11.73	11.33	11.22	11.33	13.42	21.86	22.47	23.34	22.45	22.01	21.75	20.32	20.29	20.28	19.57	22.53	27.40	25.61	24.50	22.38	20.30	17.49	12.41
	-0.45	-0.38	-0.36	-0.38	-0.32	-0.31	-0.78	-0.72	-1.03	-0.79	-0.80	-0.71	-0.56	-0.44	-0.44	-0.40	-0.54	-0.64	-0.79	-0.79	-0.78	-0.38	-0.27	-0.26
	-2.89	-2.68	-2.70	-2.56	-2.68	-2.69	-1.61	-1.92	-1.53	-1.89	-1.68	-1.53	-1.64	-1.51	-1.44	-1.77	-3.01	-3.50	-3.11	-2.19	-2.04	-1.60	-1.84	-2.94
PJM 61847	22.30	20.26	19.90	19.40	19.80	22.07	28.37	29.81	29.84	29.71	28.70	28.00	26.57	26.06	25.85	26.00	31.90	36.00	33.70	30.70	29.65	25.96	23.60	21.05
	0.41	0.37	0.35	0.34	0.36	0.50	1.03	1.02	1.12	1.09	1.08	1.13	1.04	1.02	1.04	1.00	1.02	1.32	1.16	1.13	0.99	0.99	0.89	0.48
	-11.31	-10.47	-10.55	-10.01	-10.47	-10.54	-6.32	-7.51	-5.88	-7.27	-6.48	-5.94	-6.29	-5.82	-5.52	-6.80	-10.82	-10.13	-9.25	-6.47	-7.54	-5.89	-6.78	-10.84
WEST 61752	13.09	11.79	11.38	11.28	11.39	13.53	22.26	22.95	23.86	22.96	22.51	22.31	20.82	20.81	20.81	20.05	23.03	28.07	26.18	25.07	22.90	20.77	17.85	12.49
	-0.26	-0.21	-0.21	-0.23	-0.16	-0.10	-0.31	-0.17	-0.46	-0.21	-0.25	-0.10	0.00	0.14	0.14	0.14	0.06	0.15	-0.12	-0.14	-0.19	0.15	0.14	-0.07
	-2.78	-2.57	-2.59	-2.46	-2.57	-2.59	-1.55	-1.85	-1.48	-1.83	-1.62	-1.48	-1.58	-1.46	-1.39	-1.71	-2.91	-3.38	-3.00	-2.11	-1.97	-1.54	-1.78	-2.83