

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/23/2016

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	56.94	49.14	47.09	47.49	46.93	46.77	62.36	57.47	60.53	62.39	53.19	48.87	44.81	44.33	43.67	42.91	42.36	46.29	46.27	45.13	40.16	41.23	46.82	46.00
61757	0.44	0.49	0.52	0.50	0.55	0.76	0.98	1.31	1.28	1.35	1.46	1.48	1.37	1.37	1.37	1.37	2.16	2.70	2.41	2.20	2.07	1.68	1.20	0.79
	-49.89	-41.25	-38.98	-39.54	-38.14	-34.96	-47.94	-37.45	-40.98	-41.45	-30.01	-25.25	-21.68	-21.19	-21.20	-20.38	-9.37	-6.07	-9.95	-11.04	-7.71	-14.79	-27.51	-32.68
CENTRL	11.73	11.62	11.59	11.52	12.18	14.70	18.51	22.74	22.57	23.92	24.99	24.94	24.10	24.04	23.24	23.26	32.04	38.55	35.42	33.45	31.55	26.52	20.92	15.97
61754	0.04	0.02	0.04	0.04	0.07	0.10	0.19	0.17	0.07	0.06	0.17	0.20	0.11	0.09	-0.04	0.00	0.25	0.41	0.47	0.41	0.37	0.22	-0.05	0.06
	-5.08	-4.20	-3.97	-4.02	-3.88	-3.56	-4.88	-3.86	-4.23	-4.28	-3.10	-2.60	-2.24	-2.19	-2.19	-2.10	-0.97	-0.62	-1.04	-1.15	-0.80	-1.54	-2.86	-3.38
DUNWOD	42.38	37.09	35.67	35.93	35.78	36.57	48.29	46.61	48.76	50.55	44.94	42.03	39.13	38.79	38.16	37.70	40.52	45.60	44.36	42.83	38.86	37.61	38.94	36.45
61760	0.46	0.50	0.49	0.50	0.55	0.78	0.93	1.38	1.48	1.62	1.98	2.01	2.02	2.02	2.05	2.12	3.05	3.79	3.46	3.19	3.07	2.48	1.52	1.01
	-35.31	-29.19	-27.59	-27.98	-26.99	-24.74	-33.93	-26.51	-29.01	-29.35	-21.25	-17.87	-15.35	-15.00	-15.01	-14.42	-6.64	-4.30	-6.99	-7.75	-5.41	-10.38	-19.31	-22.91
GENESE	10.43	10.48	10.53	10.45	11.13	13.63	17.10	21.39	21.08	22.37	23.71	23.81	22.92	22.87	22.03	22.10	31.16	37.69	34.57	32.51	30.72	25.56	19.77	14.83
61753	-0.10	-0.16	-0.11	-0.10	-0.09	-0.15	-0.09	-0.26	-0.42	-0.47	-0.37	-0.31	-0.54	-0.57	-0.74	-0.66	-0.40	-0.30	-0.14	-0.26	-0.27	-0.37	-0.53	-0.29
	-3.91	-3.23	-3.06	-3.10	-2.99	-2.74	-3.76	-2.94	-3.22	-3.26	-2.36	-1.98	-1.70	-1.67	-1.67	-1.60	-0.74	-0.48	-0.79	-0.88	-0.61	-1.17	-2.19	-2.59
H Q	5.63	6.55	6.77	6.62	7.39	10.17	12.26	17.61	17.11	18.37	20.58	21.01	20.77	20.79	20.20	20.25	29.72	36.21	32.76	30.80	29.35	23.96	17.63	12.26
61844	-0.17	-0.17	-0.18	-0.19	-0.21	-0.30	-0.39	-0.49	-0.49	-0.53	-0.65	-0.71	-0.63	-0.63	-0.55	-0.57	-0.96	-1.20	-1.15	-1.08	-1.03	-0.79	-0.43	-0.31
	0.82	0.68	0.64	0.65	0.63	0.58	0.79	0.62	0.67	0.68	0.49	0.42	0.36	0.35	0.35	0.34	0.15	0.10	0.00	0.00	0.00	0.00	0.05	-0.05
HUD VL	42.05	36.83	35.41	35.68	35.54	36.34	48.00	46.35	48.47	50.21	44.65	41.75	38.86	38.53	37.87	37.42	40.34	45.50	44.25	42.72	38.67	37.40	38.75	36.30
61758	0.46	0.50	0.49	0.51	0.56	0.78	0.95	1.37	1.44	1.55	1.87	1.90	1.89	1.89	1.90	1.97	2.93	3.71	3.39	3.13	2.92	2.33	1.45	0.98
	-34.98	-28.92	-27.33	-27.72	-26.74	-24.51	-33.61	-26.28	-28.75	-29.08	-21.06	-17.71	-15.21	-14.87	-14.88	-14.30	-6.58	-4.27	-6.94	-7.70	-5.38	-10.32	-19.19	-22.79
LONGIL	43.03	37.36	35.86	36.13	36.00	37.00	49.90	63.96	55.53	54.72	46.23	45.59	43.56	41.78	41.26	41.83	51.30	59.58	68.02	51.25	47.96	47.03	42.46	38.13
61762	0.74	0.74	0.67	0.68	0.76	1.19	1.53	2.23	2.27	2.43	2.82	2.86	2.83	2.85	2.83	2.92	4.35	5.44	4.99	4.59	4.38	3.51	2.28	1.58
	-35.68	-29.21	-27.60	-28.00	-27.01	-24.76	-34.93	-43.03	-34.99	-32.71	-21.69	-20.60	-18.97	-17.16	-17.34	-17.75	-16.12	-16.62	-29.12	-14.77	-13.21	-18.76	-22.06	-24.03
MHK VL	11.49	11.51	11.48	11.40	12.07	14.66	18.42	22.54	22.36	23.77	25.01	25.03	24.28	24.30	23.56	23.51	32.72	39.44	36.00	34.11	32.17	26.95	21.28	16.31
61756	0.15	0.20	0.20	0.20	0.22	0.31	0.44	0.60	0.55	0.61	0.69	0.71	0.65	0.70	0.63	0.59	1.08	1.43	1.12	1.15	1.03	0.74	0.47	0.33
	-4.72	-3.91	-3.69	-3.74	-3.61	-3.31	-4.54	-3.23	-3.54	-3.58	-2.59	-2.18	-1.87	-1.83	-1.83	-1.76	-0.81	-0.50	-0.97	-1.08	-0.75	-1.45	-2.69	-3.46
MILLWD	42.85	37.49	36.04	36.32	36.16	36.92	48.76	47.01	49.19	50.99	45.28	42.29	39.34	39.00	38.36	37.89	40.64	45.77	44.52	43.06	38.96	37.80	39.24	36.78
61759	0.48	0.53	0.52	0.53	0.58	0.82	0.97	1.42	1.52	1.66	2.02	2.04	2.02	2.02	2.05	2.12	3.08	3.90	3.53	3.32	3.10	2.53	1.56	1.04
	-35.75	-29.56	-27.94	-28.34	-27.34	-25.06	-34.36	-26.87	-29.40	-29.74	-21.54	-18.12	-15.55	-15.20	-15.21	-14.62	-6.73	-4.36	-7.08	-7.85	-5.48	-10.52	-19.56	-23.21
N.Y.C.	42.42	37.13	35.71	35.97	35.82	36.61	48.27	46.67	48.86	50.66	46.45	45.31	44.55	43.32	42.83	43.62	45.53	49.04	47.22	46.45	44.22	41.03	39.08	36.55
61761	0.48	0.53	0.52	0.53	0.58	0.82	0.90	1.44	1.57	1.72	2.13	2.19	2.20	2.22	2.21	2.29	3.30	4.05	3.66	3.41	3.31	2.67	1.65	1.10
	-35.32	-29.21	-27.60	-27.99	-27.01	-24.75	-33.93	-26.52	-29.02	-29.35	-22.60	-20.98	-20.59	-19.33	-19.52	-20.18	-11.40	-7.48	-9.64	-11.15	-10.53	-13.60	-19.32	-22.92
NORTH	5.06	6.09	6.31	6.14	6.90	9.70	11.61	17.05	16.50	17.74	19.96	20.37	20.24	20.31	19.81	19.85	29.19	35.59	32.25	30.26	28.86	23.57	17.57	12.14
61755	-0.22	-0.20	-0.23	-0.25	-0.31	-0.41	-0.54	-0.66	-0.68	-0.72	-0.96	-1.08	-0.94	-0.89	-0.72	-0.76	-1.39	-1.76	-1.66	-1.62	-1.52	-1.19	-0.54	-0.39
	1.34	1.11	1.05	1.06	1.03	0.94	1.29	1.01	1.10	1.11	0.81	0.68	0.58	0.57	0.57	0.55	0.25	0.16	0.00	0.00	0.00	0.00	0.00	0.00
NPX	50.56	48.00	44.50	44.45	43.18	51.30	62.12	64.26	62.23	57.19	49.55	45.82	42.30	41.89	41.22	40.60	50.53	61.80	55.34	51.46	48.20	44.44	43.25	41.78
61845	0.44	0.49	0.50	0.50	0.55	0.76	0.93	1.31	1.35	1.45	1.65	1.66	1.63	1.63	1.62	1.67	2.47	3.04	2.75	2.55	2.46	1.98	1.32	0.89
	-43.51	-40.11	-36.41	-36.50	-34.39	-39.50	-47.75	-44.24	-42.60	-36.16	-26.18	-22.02	-18.91	-18.48	-18.50	-17.77	-17.23	-21.25	-18.68	-17.02	-15.36	-17.70	-23.81	-28.36

OH 61846	11.81	11.57	11.53	11.50	12.10	14.44	18.16	21.78	21.60	22.84	23.70	23.65	22.83	22.70	21.95	22.02	30.00	36.00	33.51	31.50	29.74	25.09	19.84	15.53
	-0.23	-0.32	-0.30	-0.25	-0.28	-0.41	-0.50	-1.01	-1.13	-1.25	-1.28	-1.24	-1.28	-1.37	-1.46	-1.35	-1.85	-2.18	-1.49	-1.59	-1.49	-1.29	-1.23	-0.61
	-5.43	-4.49	-4.24	-4.30	-4.15	-3.80	-5.21	-4.08	-4.46	-4.51	-3.27	-2.75	-2.36	-2.31	-2.31	-2.22	-1.02	-0.66	-1.09	-1.21	-0.84	-1.62	-2.96	-3.62
PJM 61847	25.98	23.41	22.72	22.82	23.08	24.70	32.14	33.27	34.14	34.00	33.50	32.10	30.32	30.12	29.43	29.25	33.32	40.46	38.55	36.80	34.01	31.00	28.53	25.28
	0.07	0.06	0.06	0.08	0.10	0.14	0.16	0.08	0.02	0.00	0.17	0.20	0.17	0.15	0.13	0.21	0.31	0.60	0.81	0.67	0.67	0.47	-0.02	0.16
	-19.29	-15.95	-15.07	-15.29	-14.75	-13.52	-18.53	-14.48	-15.85	-14.42	-11.61	-9.76	-8.38	-8.19	-8.20	-7.88	-2.18	-2.35	-3.82	-4.24	-2.96	-5.77	-10.44	-12.59
WEST 61752	11.65	11.47	11.46	11.43	12.07	14.50	18.25	22.13	21.88	23.16	24.14	24.17	23.35	23.20	22.40	22.48	30.83	37.05	34.46	32.32	30.47	25.63	20.21	15.59
	-0.06	-0.14	-0.11	-0.06	-0.06	-0.11	-0.08	-0.41	-0.59	-0.67	-0.65	-0.55	-0.63	-0.74	-0.87	-0.76	-0.96	-1.09	-0.47	-0.70	-0.70	-0.64	-0.73	-0.29
	-5.09	-4.21	-3.98	-4.04	-3.90	-3.57	-4.90	-3.84	-4.20	-4.24	-3.07	-2.59	-2.22	-2.17	-2.17	-2.09	-0.96	-0.62	-1.02	-1.13	-0.79	-1.52	-2.83	-3.36