

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/11/2016

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	30.01	28.66	26.95	26.73	27.00	26.69	31.38	34.90	35.11	35.33	36.55	37.39	38.37	35.27	35.16	35.20	33.94	35.51	35.73	36.52	40.64	31.43	25.07	25.16
61757	1.29	1.21	1.18	1.19	1.26	1.59	1.79	1.65	1.97	2.20	2.27	2.23	2.02	1.99	1.79	1.61	1.79	1.70	1.78	1.93	2.31	1.95	1.52	1.35
	-10.01	-9.85	-8.65	-8.27	-7.27	-1.34	0.25	-7.87	-4.26	-1.20	-2.34	-3.31	-7.04	-4.03	-6.72	-9.57	-5.03	-8.84	-8.14	-6.61	-4.32	-0.42	0.17	-2.39
CENTRL	20.31	19.18	18.54	18.64	19.74	24.27	30.24	28.30	31.15	34.43	34.67	34.12	31.48	30.94	29.00	26.63	28.37	26.65	27.73	30.00	37.04	30.47	24.61	22.01
61754	0.39	0.39	0.38	0.38	0.43	0.55	0.75	0.66	0.52	0.58	0.61	0.57	0.50	0.47	0.43	0.34	0.35	0.32	0.33	0.34	0.41	0.35	0.38	0.45
	-1.20	-1.20	-1.05	-1.00	-0.84	0.03	0.34	-2.26	-1.74	-1.92	-2.13	-1.70	-1.69	-1.22	-1.92	-2.27	-0.90	-1.35	-1.58	-1.69	-2.62	-1.06	-0.52	-0.14
DUNWOD	29.13	27.71	26.17	26.01	26.59	27.66	33.59	35.35	36.42	37.36	38.22	38.89	39.10	36.58	35.87	35.22	35.00	35.68	35.98	37.32	42.21	33.35	26.73	26.02
61760	2.02	1.86	1.80	1.81	2.00	2.66	3.76	3.30	3.81	4.21	4.12	4.08	3.78	3.80	3.49	3.15	3.55	3.25	3.28	3.69	4.39	3.75	3.01	2.53
	-8.39	-8.25	-7.25	-6.94	-6.11	-1.25	0.00	-6.66	-3.71	-1.22	-2.16	-2.96	-6.02	-3.53	-5.72	-8.05	-4.33	-7.46	-6.89	-5.65	-3.82	-0.54	0.00	-2.08
GENESE	19.70	18.61	18.00	18.12	19.20	23.65	29.32	24.65	27.85	30.23	30.33	30.51	28.60	28.27	25.90	23.71	26.58	24.92	25.51	27.19	32.21	27.50	22.73	21.23
61753	0.02	0.05	0.03	0.05	0.04	-0.09	-0.27	-0.25	-0.66	-0.77	-0.77	-0.80	-0.73	-0.76	-0.69	-0.58	-0.62	-0.55	-0.59	-0.78	-1.02	-0.90	-0.54	-0.30
	-0.97	-0.97	-0.85	-0.81	-0.68	0.01	0.25	0.48	0.38	0.93	0.85	0.55	-0.03	0.22	0.06	-0.27	-0.08	-0.49	-0.29	0.00	0.78	0.66	0.44	-0.11
H Q	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	11.43
61844	-0.80	-0.76	-0.74	-0.74	-0.81	-1.04	-1.28	-1.12	-1.24	-1.40	-1.40	-1.37	-1.29	-1.26	-1.17	-1.03	-1.17	-1.07	-1.11	-1.17	-1.43	-1.22	-1.00	-0.92
	7.66	6.59	6.13	6.27	7.41	12.46	18.30	14.02	17.40	20.27	20.29	20.23	17.76	17.74	15.23	12.74	15.70	13.65	14.45	16.55	22.33	17.59	12.47	9.07
HUD VL	28.79	27.42	25.92	25.77	26.33	27.41	33.12	34.77	35.80	36.71	37.59	38.26	38.48	35.96	35.27	34.65	34.38	35.08	35.42	36.72	41.55	32.77	26.30	25.68
61758	1.81	1.71	1.66	1.67	1.83	2.42	3.28	2.82	3.24	3.58	3.51	3.47	3.22	3.22	2.96	2.67	2.98	2.72	2.79	3.16	3.77	3.17	2.59	2.21
	-8.26	-8.13	-7.14	-6.83	-6.02	-1.23	0.00	-6.56	-3.67	-1.21	-2.13	-2.93	-5.95	-3.49	-5.66	-7.96	-4.28	-7.38	-6.81	-5.59	-3.77	-0.54	0.00	-2.06
LONGIL	30.00	28.36	26.73	26.52	27.23	28.88	35.74	37.22	38.44	39.38	39.63	40.04	40.19	38.01	37.28	36.49	36.49	37.11	37.62	41.58	44.57	37.62	27.96	26.94
61762	2.90	2.52	2.36	2.31	2.64	3.87	5.91	5.18	5.84	6.23	5.53	5.22	4.87	5.23	4.90	4.42	5.04	4.67	4.91	5.60	5.85	4.85	4.24	3.45
	-8.39	-8.25	-7.25	-6.94	-6.11	-1.25	0.00	-6.66	-3.71	-1.22	-2.16	-2.96	-6.02	-3.53	-5.72	-8.05	-4.33	-7.46	-6.90	-8.01	-4.72	-3.71	0.00	-2.08
MHK VL	19.92	18.83	18.22	18.30	19.26	23.29	28.73	25.81	28.49	30.89	31.03	31.09	29.27	28.79	26.73	24.68	26.88	25.47	26.19	28.05	33.25	28.09	23.08	21.43
61756	0.45	0.39	0.39	0.40	0.43	0.66	0.98	0.84	0.92	1.05	1.02	1.02	0.94	0.94	0.80	0.70	0.79	0.75	0.83	0.98	1.26	1.04	0.78	0.66
	-0.76	-0.85	-0.71	-0.64	-0.35	1.13	2.08	0.41	1.33	2.09	1.93	1.78	0.96	1.40	0.73	0.04	1.03	0.26	0.45	0.90	2.01	2.01	1.42	0.65
MILLWD	29.08	27.70	26.16	26.01	26.57	27.59	33.53	35.27	36.33	37.27	38.12	38.80	39.01	36.46	35.76	35.15	34.92	35.61	35.91	37.26	42.14	33.24	26.66	25.98
61759	1.98	1.86	1.80	1.81	1.98	2.59	3.70	3.22	3.73	4.12	4.02	3.98	3.69	3.69	3.39	3.08	3.47	3.17	3.20	3.64	4.32	3.63	2.94	2.48
	-8.39	-8.25	-7.25	-6.93	-6.11	-1.25	0.00	-6.66	-3.71	-1.22	-2.16	-2.96	-6.02	-3.53	-5.72	-8.05	-4.33	-7.46	-6.89	-5.65	-3.82	-0.54	0.00	-2.08
N.Y.C.	29.26	27.79	26.25	26.10	26.68	27.78	33.77	35.50	36.62	37.65	38.47	39.18	39.33	36.81	36.08	35.43	35.24	35.88	36.19	37.51	42.41	33.55	26.92	26.19
61761	2.15	1.95	1.88	1.90	2.09	2.78	3.94	3.45	4.01	4.50	4.38	4.36	4.01	4.04	3.70	3.36	3.80	3.45	3.48	3.89	4.59	3.95	3.20	2.70
	-8.39	-8.25	-7.25	-6.94	-6.11	-1.25	0.00	-6.66	-3.71	-1.22	-2.15	-2.96	-6.02	-3.53	-5.72	-8.05	-4.33	-7.46	-6.89	-5.65	-3.82	-0.54	0.00	-2.08
NORTH	10.67	10.57	10.53	10.54	10.65	10.99	11.56	11.08	11.34	11.34	11.34	11.40	11.14	11.14	10.96	10.87	11.02	11.03	11.12	11.36	11.79	11.48	10.97	11.92
61755	-1.14	-1.09	-1.06	-1.07	-1.15	-1.54	-1.79	-1.68	-1.88	-2.33	-2.33	-2.23	-2.17	-2.13	-1.97	-1.68	-1.95	-1.65	-1.68	-1.71	-2.11	-1.74	-1.52	-1.33
	6.90	5.93	5.52	5.65	6.68	11.22	16.48	12.63	15.67	18.26	18.27	18.22	16.00	15.98	13.72	11.47	14.14	12.30	13.02	14.91	20.10	15.84	11.23	8.17
NPX	29.55	28.19	26.56	26.39	26.82	27.50	36.16	35.02	35.66	36.27	37.31	38.07	38.67	35.87	35.45	35.13	34.43	35.51	35.93	36.74	41.33	32.33	25.88	25.63
61845	1.61	1.53	1.47	1.50	1.63	2.09	2.65	2.31	2.69	3.00	3.00	2.96	2.75	2.75	2.50	2.26	2.55	2.32	2.37	2.55	3.13	2.67	2.16	1.93
	-9.22	-9.07	-7.97	-7.63	-6.72	-1.66	-3.67	-7.32	-4.08	-1.34	-2.37	-3.26	-6.62	-3.88	-6.29	-8.85	-4.76	-8.21	-7.74	-6.22	-4.20	-0.60	0.00	-2.29

O H 61846	10.48	10.00	10.22	9.90	10.00	12.60	19.00	20.35	19.90	16.61	16.50	15.96	14.48	14.48	14.48	14.48	17.00	19.39	20.95	23.00	20.24	15.37	13.50	10.44
	0.09	0.19	0.15	0.19	0.26	0.17	-0.21	-0.36	-1.07	-1.31	-1.25	-1.28	-1.14	-1.17	-1.04	-0.84	-1.03	-0.90	-1.03	-1.37	-1.77	-1.34	-0.69	-0.32
	8.33	7.79	7.05	7.55	8.74	11.32	10.63	4.68	7.92	14.00	14.20	14.62	13.68	13.60	11.14	8.70	9.09	4.69	3.83	3.61	11.99	12.35	9.53	10.65
PJM 61847	25.77	24.52	23.31	23.30	24.06	26.36	32.11	33.51	35.00	37.19	37.84	37.62	36.40	34.56	33.69	32.51	32.38	32.14	32.99	34.83	41.43	32.72	26.19	24.33
	1.37	1.32	1.27	1.33	1.46	1.90	2.51	2.08	2.11	2.27	2.20	2.17	1.99	1.99	1.84	1.68	1.90	1.72	1.73	1.87	2.18	1.95	1.73	1.63
	-5.69	-5.61	-4.92	-4.71	-4.12	-0.71	0.23	-6.04	-4.00	-2.99	-3.69	-3.61	-5.10	-3.32	-5.20	-6.81	-3.37	-5.44	-5.44	-4.98	-5.25	-1.71	-0.74	-1.29
WEST 61752	20.45	19.42	18.70	18.83	20.00	24.40	29.93	37.78	39.00	45.68	46.35	42.55	37.00	36.00	36.00	34.00	31.00	29.00	32.02	36.00	50.95	37.62	28.82	21.66
	0.43	0.53	0.44	0.48	0.59	0.59	0.33	0.20	-0.49	-0.67	-0.57	-0.61	-0.53	-0.53	-0.45	-0.29	-0.41	-0.35	-0.46	-0.84	-1.12	-0.76	-0.14	0.06
	-1.31	-1.30	-1.14	-1.08	-0.93	-0.05	0.24	-12.19	-10.60	-14.42	-14.98	-11.30	-8.23	-7.28	-9.80	-10.26	-4.29	-4.37	-6.67	-8.86	-18.07	-9.32	-5.24	-0.18