

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/23/2016

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	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	29.72	26.37	24.00	22.44	22.01	20.56	21.02	24.67	29.69	32.25	34.53	39.45	42.81	48.78	52.51	56.54	57.92	56.11	49.41	43.06	40.42	37.49	35.96	29.89
61757	1.94	1.62	1.51	1.43	1.36	1.27	1.32	1.64	2.10	2.33	2.46	2.86	3.21	3.70	3.92	4.23	4.39	4.01	3.62	3.12	2.85	2.74	2.38	1.77
	-0.43	-1.23	-0.67	-0.06	0.00	0.00	0.00	0.00	-0.74	-0.11	-0.08	0.00	0.00	0.00	-0.13	-0.03	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	27.39	23.65	21.90	20.96	20.68	19.48	19.84	23.06	27.00	29.94	32.75	37.56	41.32	47.58	51.75	56.52	57.13	55.66	47.58	41.12	38.67	35.67	34.15	28.43
61754	0.00	0.00	0.00	0.00	0.04	0.19	0.14	0.02	0.03	0.06	0.32	0.51	0.51	0.54	0.82	0.83	0.91	1.10	0.83	0.76	0.75	0.45	0.50	0.31
	-0.04	-0.12	-0.07	-0.01	0.00	0.00	0.00	0.00	-0.12	-0.07	-0.44	-0.46	-1.21	-1.96	-2.47	-3.41	-2.76	-2.46	-0.97	-0.43	-0.35	-0.48	-0.07	0.00
DUNWOD	31.01	27.33	25.01	23.53	23.04	21.54	22.05	25.86	32.67	36.45	38.11	41.20	44.59	51.03	58.02	59.74	62.02	58.50	51.28	44.53	41.89	39.05	37.74	31.43
61760	3.36	2.94	2.71	2.53	2.39	2.26	2.34	2.83	3.41	3.79	4.06	4.61	4.99	5.95	6.30	6.79	6.90	6.41	5.49	4.59	4.32	4.31	4.16	3.32
	-0.30	-0.87	-0.47	-0.04	0.00	0.00	0.00	0.00	-2.40	-2.85	-2.06	0.00	0.00	0.00	-3.26	-0.66	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	26.75	22.92	21.23	20.37	20.13	19.09	19.35	22.32	26.11	28.90	31.44	36.41	39.25	44.67	48.46	52.34	53.52	52.88	46.07	40.02	37.76	34.46	33.71	28.09
61753	-0.63	-0.71	-0.65	-0.59	-0.52	-0.19	-0.35	-0.71	-0.83	-0.96	-0.54	-0.48	-0.36	-0.41	0.00	0.05	0.05	0.78	0.28	0.08	0.19	-0.28	0.13	-0.03
	-0.03	-0.10	-0.05	-0.01	0.00	0.00	0.00	0.00	-0.09	-0.05	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	26.50	22.80	21.15	20.29	19.70	18.91	19.05	22.32	25.92	28.80	30.80	35.16	38.02	43.19	46.43	50.09	51.27	50.01	44.00	38.38	37.34	34.59	29.97	27.24
61844	-0.85	-0.73	-0.68	-0.67	-0.66	-0.66	-0.65	-0.71	-0.94	-1.01	-1.18	-1.43	-1.59	-1.89	-2.03	-2.19	-2.19	-2.09	-1.79	-1.56	-1.43	-1.32	-1.24	-0.87
	0.00	0.00	0.00	0.00	0.28	-0.28	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	-1.20	-1.17	2.37	0.00
HUD VL	30.76	27.11	24.83	23.39	22.87	21.39	21.89	25.63	31.98	35.53	37.39	41.02	44.47	50.94	57.15	59.58	61.57	58.50	51.33	44.49	41.81	38.84	37.50	31.24
61758	3.12	2.73	2.53	2.39	2.23	2.10	2.19	2.60	3.19	3.55	3.84	4.43	4.87	5.86	6.20	6.79	6.85	6.41	5.54	4.55	4.24	4.10	3.93	3.12
	-0.30	-0.86	-0.46	-0.04	0.00	0.00	0.00	0.00	-1.93	-2.17	-1.57	0.00	0.00	0.00	-2.48	-0.50	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	33.84	29.57	27.55	26.11	25.59	24.30	26.57	31.54	36.65	42.70	51.40	67.43	86.21	91.45	110.55	120.00	133.00	114.02	88.18	69.54	66.18	50.00	42.14	33.95
61762	4.35	3.76	3.47	3.25	3.05	2.91	3.01	3.66	4.41	4.83	5.31	6.11	6.58	7.71	8.19	8.89	9.04	8.50	7.42	6.31	5.93	5.77	5.51	4.47
	-2.14	-2.29	-2.25	-1.90	-1.89	-2.10	-3.85	-4.85	-5.38	-8.06	-14.10	-24.72	-40.03	-38.67	-53.89	-58.83	-70.50	-53.42	-34.97	-23.29	-22.68	-9.49	-3.05	-1.36
MHK VL	28.24	24.29	22.46	21.49	21.20	19.83	20.28	23.70	27.89	31.02	33.31	38.06	41.15	46.66	50.44	54.20	55.43	53.97	47.48	41.58	39.03	36.03	34.78	28.99
61756	0.85	0.64	0.57	0.52	0.56	0.54	0.57	0.67	0.86	1.04	1.22	1.47	1.54	1.58	1.79	1.88	1.87	1.87	1.70	1.64	1.46	1.29	1.21	0.87
	-0.04	-0.13	-0.07	-0.01	0.00	0.00	0.00	0.00	-0.18	-0.16	-0.12	0.00	0.00	0.00	-0.18	-0.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	30.99	27.29	24.99	23.51	23.00	21.50	21.99	25.79	32.64	36.37	38.05	41.20	44.63	51.16	58.12	59.89	62.15	58.66	51.37	44.57	41.89	39.01	37.67	31.35
61759	3.34	2.89	2.68	2.51	2.35	2.22	2.28	2.76	3.41	3.76	4.03	4.61	5.03	6.08	6.45	6.95	7.06	6.56	5.58	4.63	4.32	4.27	4.09	3.23
	-0.30	-0.88	-0.48	-0.04	0.00	0.00	0.00	0.00	-2.37	-2.80	-2.03	0.00	0.00	0.00	-3.21	-0.65	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	34.54	27.58	25.23	23.75	23.23	21.74	22.27	26.14	32.99	40.53	40.00	44.59	49.24	52.99	59.04	60.52	62.40	59.41	55.00	47.26	45.08	42.78	39.99	33.52
61761	3.64	3.17	2.93	2.74	2.58	2.45	2.56	3.11	3.73	4.12	4.48	4.98	5.27	6.22	6.50	6.95	6.95	6.51	5.68	4.79	4.58	4.69	4.60	3.63
	-3.55	-0.88	-0.48	-0.05	0.00	0.00	0.00	0.00	-2.40	-6.60	-3.54	-3.02	-4.37	-1.69	-4.08	-1.28	-1.99	-0.80	-3.53	-2.53	-2.93	-3.35	-1.82	-1.78
NORTH	26.28	22.54	20.89	20.08	19.76	18.30	18.78	22.11	25.57	28.44	30.10	34.14	36.87	41.70	44.93	48.42	49.57	48.50	42.72	37.42	35.28	32.59	31.70	27.05
61755	-1.07	-0.99	-0.94	-0.88	-0.89	-0.98	-0.93	-0.92	-1.29	-1.37	-1.89	-2.45	-2.73	-3.38	-3.54	-3.87	-3.90	-3.59	-3.07	-2.51	-2.29	-2.15	-1.88	-1.07
	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	29.93	26.52	24.22	22.71	22.00	21.11	21.28	24.92	30.60	33.61	35.65	39.74	43.05	49.14	54.12	57.12	58.80	56.32	49.50	43.09	41.70	38.76	33.83	30.20
61845	2.21	1.93	1.81	1.70	1.63	1.54	1.58	1.89	2.31	2.53	2.75	3.15	3.44	4.06	4.21	4.55	4.60	4.22	3.71	3.15	2.93	2.85	2.62	2.08
	-0.37	-1.07	-0.58	-0.05	0.28	-0.28	0.00	0.00	-1.43	-1.26	-0.92	0.00	0.00	0.00	-1.45	-0.29	-0.73	0.00	0.00	0.00	-1.20	-1.17	2.37	0.00

O H 61846	25.84	22.46	20.90	20.02	19.52	19.18	19.13	21.88	25.19	27.67	28.34	32.95	32.40	34.13	35.66	35.00	39.17	39.93	40.17	36.95	36.20	32.21	30.13	27.50
	-1.56	-1.20	-1.00	-0.94	-0.85	-0.39	-0.57	-1.15	-1.50	-1.82	-1.57	-1.57	-1.59	-1.80	-1.31	-1.41	-1.44	-0.68	-1.10	-1.00	-0.94	-1.46	-0.74	-0.62
	-0.05	-0.14	-0.07	-0.01	0.28	-0.28	0.00	0.00	0.17	0.32	2.07	2.07	5.62	9.14	11.50	15.88	12.86	11.49	4.52	1.99	0.43	1.07	2.71	0.00
PJM 61847	28.39	24.84	22.92	21.76	21.13	20.49	20.63	23.86	28.92	32.10	34.90	39.01	43.64	50.89	57.10	61.79	62.26	59.80	49.99	42.68	41.22	38.25	32.92	29.44
	0.87	0.85	0.83	0.78	0.76	0.93	0.93	0.83	0.91	0.98	1.25	1.61	1.82	2.21	2.76	2.98	3.05	3.18	2.43	1.96	1.80	1.46	1.58	1.32
	-0.16	-0.47	-0.26	-0.02	0.28	-0.28	0.00	0.00	-1.15	-1.30	-1.67	-0.81	-2.21	-3.60	-5.87	-6.52	-5.75	-4.52	-1.78	-0.78	-1.85	-2.05	2.24	0.00
WEST 61752	26.33	22.86	21.27	20.38	20.13	19.23	19.47	22.34	27.00	29.91	39.50	44.11	61.53	81.11	94.60	116.00	105.00	98.96	64.00	47.93	44.11	43.11	35.11	28.14
	-1.07	-0.80	-0.63	-0.59	-0.52	-0.06	-0.24	-0.69	-0.89	-1.19	-0.83	-0.77	-0.71	-0.81	-0.19	-0.26	-0.27	0.57	0.00	-0.04	-0.04	-0.66	0.17	0.03
	-0.05	-0.13	-0.07	-0.01	0.00	0.00	0.00	0.00	-1.03	-1.29	-8.35	-8.29	-22.64	-36.84	-46.33	-63.97	-51.80	-46.29	-18.21	-8.03	-6.58	-9.03	-1.36	0.00