

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/26/2016

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	28.55	24.59	22.52	21.53	21.11	22.25	24.83	30.15	33.75	37.29	40.14	46.81	53.68	62.17	64.56	69.35	72.71	70.65	62.14	52.96	47.28	41.79	35.23	29.19
61757	1.84	1.61	1.49	1.35	1.29	1.42	1.58	2.00	2.36	2.73	3.01	3.63	4.25	4.97	5.06	5.37	5.51	5.29	4.71	4.10	3.54	3.03	2.43	1.91
	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
CENTRL	26.84	23.08	21.09	20.32	20.00	20.98	23.38	28.24	31.59	34.84	38.08	44.37	51.28	60.47	62.88	67.21	70.69	68.31	58.84	49.49	44.44	39.39	33.26	27.45
61754	0.13	0.09	0.06	0.14	0.18	0.15	0.14	0.08	0.19	0.28	0.45	0.34	0.39	0.63	0.77	0.90	1.07	1.04	0.80	0.63	0.70	0.62	0.46	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.84	-1.47	-2.65	-2.60	-2.35	-2.42	-1.91	-0.61	0.00	0.00	0.00	0.00	0.00
DUNWOD	29.97	25.81	23.55	22.43	22.00	23.23	25.96	31.61	35.26	38.88	41.78	48.71	55.80	68.26	79.64	90.02	94.33	80.51	64.37	54.77	48.86	43.38	36.60	30.53
61760	3.26	2.83	2.52	2.26	2.18	2.39	2.72	3.46	3.86	4.32	4.64	5.53	6.38	7.43	7.62	8.19	8.67	8.17	6.95	5.91	5.12	4.61	3.80	3.25
	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	-3.63	-12.51	-17.85	-18.45	-6.98	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	26.36	22.57	20.58	20.01	19.70	20.56	22.85	27.42	30.80	34.00	36.73	42.58	48.83	56.68	59.27	63.91	67.07	65.49	57.43	48.61	43.87	38.81	33.10	26.96
61753	-0.35	-0.41	-0.44	-0.16	-0.12	-0.27	-0.40	-0.73	-0.60	-0.55	-0.41	-0.60	-0.59	-0.52	-0.24	-0.06	-0.13	0.13	0.00	-0.24	0.13	0.04	0.29	-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
H Q	25.83	22.20	20.31	19.49	19.15	20.13	22.48	27.25	30.30	33.25	35.61	41.41	46.00	51.49	53.80	60.33	63.13	62.68	55.13	46.90	41.99	37.30	31.62	26.41
61844	-0.88	-0.78	-0.71	-0.69	-0.67	-0.71	-0.77	-0.90	-1.10	-1.31	-1.52	-1.77	-2.07	-2.46	-2.56	-2.75	-2.89	-2.68	-2.30	-1.96	-1.75	-1.47	-1.18	-0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	3.25	3.15	0.89	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	29.75	25.65	23.40	22.35	21.90	23.06	25.78	31.36	34.97	38.57	41.52	48.36	55.40	67.06	76.44	85.54	89.62	78.59	64.14	54.57	48.73	43.19	36.41	30.31
61758	3.04	2.67	2.38	2.18	2.08	2.23	2.53	3.21	3.58	4.01	4.38	5.18	5.98	7.09	7.38	7.93	8.33	7.91	6.72	5.71	4.98	4.42	3.61	3.03
	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	-2.77	-9.56	-13.63	-14.09	-5.33	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	43.34	35.90	29.57	26.04	25.66	26.72	29.36	37.99	43.22	45.93	46.00	74.36	101.40	123.57	150.65	160.00	183.60	164.57	116.94	90.00	79.57	51.63	63.57	45.87
61762	4.22	3.68	3.28	2.95	2.83	3.10	3.56	4.45	4.99	5.64	6.09	7.17	8.21	9.38	9.64	10.23	10.89	10.32	9.02	7.87	6.87	6.16	5.05	4.28
	-12.41	-9.24	-5.27	-2.92	-3.00	-2.78	-2.56	-5.39	-6.83	-5.74	-2.77	-24.01	-43.76	-56.99	-81.50	-85.79	-105.51	-88.89	-50.50	-33.27	-28.96	-6.70	-25.72	-14.30
MHK VL	27.59	23.65	21.59	20.74	20.42	21.46	24.03	29.19	32.59	35.90	38.70	45.00	50.72	58.25	61.32	67.17	70.51	68.32	59.78	50.81	45.62	40.40	34.05	28.21
61756	0.88	0.67	0.57	0.56	0.59	0.62	0.79	1.04	1.19	1.35	1.56	1.81	1.83	2.12	2.32	2.49	2.69	2.55	2.36	1.96	1.88	1.63	1.25	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	1.07	0.50	-0.70	-0.62	-0.41	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	29.89	25.77	23.50	22.43	21.98	23.19	25.94	31.56	35.22	38.84	41.74	48.63	55.65	68.13	79.44	89.72	93.95	80.30	64.32	54.67	48.77	43.26	36.47	30.39
61759	3.18	2.78	2.48	2.26	2.16	2.35	2.70	3.41	3.83	4.28	4.60	5.44	6.23	7.38	7.68	8.26	8.67	8.10	6.89	5.81	5.03	4.50	3.67	3.11
	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	-3.55	-12.26	-17.49	-18.07	-6.83	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	39.30	36.96	23.76	22.62	22.18	23.44	26.76	34.69	38.13	41.69	46.46	53.08	60.00	69.68	80.00	90.42	94.68	81.04	66.39	60.00	53.00	48.39	43.37	36.98
61761	3.55	3.06	2.73	2.44	2.36	2.60	2.98	3.80	4.14	4.63	5.01	5.87	6.82	7.90	8.03	8.58	9.01	8.69	7.41	6.35	5.47	4.96	4.13	3.52
	-9.04	-10.92	0.00	0.00	0.00	0.00	-0.54	-2.74	-2.59	-2.49	-4.31	-4.02	-3.75	-4.59	-12.46	-17.87	-18.47	-6.99	-1.56	-4.79	-3.79	-4.66	-6.43	-6.17
NORTH	25.45	21.84	19.95	19.15	18.85	19.79	22.15	26.89	29.76	32.35	34.31	39.90	40.45	40.15	42.69	55.48	57.34	60.52	53.41	45.34	40.68	36.25	30.93	26.11
61755	-1.25	-1.15	-1.07	-1.03	-0.97	-1.04	-1.09	-1.27	-1.63	-2.21	-2.82	-3.28	-3.86	-4.75	-4.88	-5.12	-5.38	-4.84	-4.02	-3.52	-3.06	-2.52	-1.87	-1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	12.30	11.94	3.37	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	28.87	24.89	22.79	21.73	21.33	22.50	25.08	30.46	34.03	37.53	40.41	47.11	53.97	64.07	70.48	77.59	81.31	74.08	62.31	53.10	47.42	41.91	35.43	29.44
61845	2.16	1.91	1.77	1.55	1.51	1.67	1.84	2.31	2.64	2.97	3.27	3.93	4.54	5.26	5.41	5.69	5.92	5.62	4.88	4.25	3.67	3.14	2.63	2.16
	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	-1.61	-5.56	-7.93	-8.19	-3.10	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	24.55	22.11	20.20	19.69	19.37	19.95	22.29	26.40	28.99	31.54	29.53	36.89	40.91	42.62	45.46	51.00	54.76	55.00	52.45	47.00	42.69	37.68	32.18	26.36
	-1.01	-0.87	-0.82	-0.48	-0.46	-0.73	-0.95	-1.66	-1.73	-1.73	-1.74	-2.29	-2.42	-2.69	-2.50	-2.50	-2.42	-2.35	-2.12	-1.86	-1.05	-1.09	-0.62	-0.93
	1.14	0.00	0.00	0.00	0.00	0.15	0.00	0.09	0.68	1.29	5.86	4.00	6.10	11.89	11.55	10.48	10.02	8.01	2.86	0.00	0.00	0.00	0.00	0.00
PJM 61847	27.67	23.86	21.78	20.94	20.58	21.56	24.03	28.91	32.31	35.70	39.37	46.27	53.96	65.85	72.01	78.52	82.45	74.51	60.87	50.81	45.66	40.40	34.08	28.32
	0.96	0.87	0.76	0.77	0.75	0.73	0.79	0.76	0.91	1.14	1.30	1.51	1.83	2.23	2.50	2.81	3.16	2.74	2.30	1.96	1.92	1.63	1.28	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-1.58	-2.71	-6.42	-10.00	-11.73	-12.09	-6.41	-1.14	0.00	0.00	0.00	0.00	0.00
WEST 61752	26.31	22.60	20.62	20.07	19.76	20.54	22.80	27.22	30.51	33.76	45.93	58.10	69.44	101.11	101.85	101.47	101.11	92.96	68.19	48.32	43.92	38.73	33.20	27.04
	-0.40	-0.39	-0.40	-0.10	-0.06	-0.29	-0.44	-0.93	-0.91	-0.83	-0.74	-1.16	-1.13	-1.20	-0.95	-0.83	-0.67	-0.53	-0.52	-0.54	0.18	-0.04	0.40	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	-9.54	-16.08	-21.15	-45.12	-43.30	-38.33	-34.58	-28.13	-11.28	0.00	0.00	0.00	0.00	0.00