

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/08/2016

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	27.17	24.63	23.07	21.26	20.84	23.91	30.18	26.59	28.28	33.04	39.17	41.69	46.47	51.75	61.13	60.75	63.92	64.33	51.58	47.82	45.60	40.11	31.10	29.35
61757	1.90	1.80	1.60	1.45	1.49	1.71	1.92	1.86	2.10	2.59	3.00	3.12	3.68	4.14	4.84	4.86	5.06	5.09	4.21	3.91	3.77	3.21	2.41	2.11
	0.00	0.00	-1.24	-1.28	0.00	0.00	-4.23	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	-0.84
CENTRL	25.53	22.97	20.47	18.82	19.56	22.49	24.61	25.13	26.53	31.14	37.16	39.99	44.36	50.11	59.30	59.21	61.89	60.65	48.47	44.73	42.66	37.38	28.78	26.48
61754	0.23	0.14	0.12	0.17	0.21	0.29	0.19	0.30	0.24	0.37	0.54	0.77	0.73	0.76	0.85	0.89	0.94	1.01	0.95	0.83	0.88	0.48	0.09	0.00
	-0.03	0.00	-0.12	-0.12	0.00	0.00	-0.40	-0.10	-0.11	-0.31	-0.45	-0.66	-0.84	-1.75	-2.16	-2.42	-2.10	-0.42	-0.16	0.02	0.05	0.00	0.00	-0.08
DUNWOD	29.30	25.41	23.40	21.54	21.50	24.64	29.78	31.26	32.84	34.43	40.69	43.27	48.18	53.75	65.72	78.09	79.99	66.63	53.14	49.27	46.98	41.52	33.20	31.72
61760	2.88	2.58	2.27	2.08	2.15	2.44	2.69	2.82	3.27	3.87	4.52	4.70	5.39	6.14	7.26	7.21	7.60	7.40	5.78	5.36	5.14	4.61	3.73	3.41
	-1.15	0.00	-0.90	-0.93	0.00	0.00	-3.06	-3.70	-3.39	-0.10	0.00	0.00	0.00	0.00	-2.17	-14.98	-13.54	0.00	0.00	0.00	0.00	0.00	-0.78	-1.92
GENESE	25.17	22.70	20.23	18.63	19.39	22.27	23.99	24.39	25.74	30.09	35.99	38.68	42.87	47.61	56.23	55.67	58.68	59.41	47.65	44.16	42.08	36.54	27.98	25.69
61753	-0.10	-0.14	-0.10	0.00	0.04	0.07	-0.36	-0.35	-0.45	-0.36	-0.18	0.12	0.09	0.00	-0.06	-0.22	-0.18	0.18	0.29	0.22	0.17	-0.37	-0.72	-0.77
	0.00	0.00	-0.10	-0.10	0.00	0.00	-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	-0.02	-0.08	0.00	0.00	-0.07
H Q	24.41	22.03	19.52	17.87	18.63	21.38	23.18	23.87	25.22	29.27	34.69	36.94	40.37	44.35	51.59	50.87	54.11	56.69	45.11	42.07	40.03	35.43	27.69	25.52
61844	-0.86	-0.80	-0.71	-0.67	-0.72	-0.82	-0.84	-0.87	-0.97	-1.19	-1.48	-1.62	-1.80	-2.00	-2.36	-2.40	-2.47	-2.55	-2.08	-1.84	-1.80	-1.48	-1.01	-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	0.62	1.26	2.34	2.63	2.28	0.00	0.18	0.00	0.00	0.00	0.00	0.00
HUD VL	29.10	25.34	23.35	21.49	21.46	24.60	29.73	30.68	32.24	34.20	40.51	43.19	48.14	53.75	65.21	74.57	76.86	66.88	53.38	49.40	47.02	41.44	32.90	31.24
61758	2.80	2.51	2.23	2.04	2.11	2.40	2.67	2.67	3.06	3.65	4.34	4.63	5.35	6.14	7.26	7.21	7.65	7.64	6.02	5.49	5.19	4.54	3.62	3.25
	-1.02	0.00	-0.89	-0.92	0.00	0.00	-3.04	-3.28	-3.00	-0.09	0.00	0.00	0.00	0.00	-1.66	-11.46	-10.36	0.00	0.00	0.00	0.00	0.00	-0.59	-1.61
LONGIL	39.64	31.17	29.40	26.96	26.12	30.29	34.99	36.14	36.71	40.38	49.79	64.25	155.00	147.25	155.00	159.76	192.84	157.20	123.04	91.52	76.68	66.00	45.10	39.87
61762	3.56	3.20	2.79	2.56	2.65	3.02	3.34	3.51	4.03	4.84	5.53	5.82	6.42	7.14	8.50	8.49	9.06	8.94	7.29	6.76	6.48	5.83	4.76	4.30
	-10.81	-5.14	-6.37	-5.87	-4.12	-5.07	-7.62	-7.89	-6.50	-5.08	-8.08	-19.86	-105.80	-92.50	-90.21	-95.37	-124.92	-89.03	-68.39	-40.85	-28.36	-23.27	-11.64	-9.18
MHK VL	26.13	23.47	20.87	19.13	19.89	22.86	25.19	25.90	27.36	31.65	37.73	40.38	44.30	49.02	57.80	57.98	61.13	61.90	49.43	46.02	43.72	38.53	29.74	27.38
61756	0.78	0.64	0.53	0.48	0.54	0.67	0.77	0.92	0.94	1.19	1.55	1.81	1.75	1.91	2.31	2.35	2.47	2.67	2.13	2.11	1.88	1.62	1.00	0.84
	-0.08	0.00	-0.12	-0.12	0.00	0.00	-0.39	-0.25	-0.23	-0.01	0.00	0.00	0.24	0.49	0.80	0.26	0.20	0.00	0.07	0.00	0.00	0.00	-0.04	-0.15
MILLWD	29.27	25.41	23.40	21.54	21.52	24.64	29.83	31.19	32.73	34.36	40.66	43.30	48.31	54.03	66.08	78.16	80.06	66.99	53.38	49.49	47.19	41.56	33.16	31.70
61759	2.85	2.58	2.27	2.08	2.17	2.44	2.71	2.79	3.19	3.81	4.48	4.74	5.52	6.42	7.65	7.54	7.89	7.76	6.02	5.58	5.36	4.65	3.70	3.41
	-1.14	0.00	-0.90	-0.94	0.00	0.00	-3.09	-3.67	-3.35	-0.10	0.00	0.00	0.00	0.00	-2.13	-14.73	-13.31	0.00	0.00	0.00	0.00	0.00	-0.76	-1.90
N.Y.C.	29.56	25.67	23.60	21.71	21.69	24.84	29.97	31.48	33.16	34.79	41.13	43.57	49.11	55.10	65.97	77.93	79.82	66.86	54.55	51.29	49.28	44.74	33.60	35.00
61761	3.13	2.83	2.47	2.24	2.34	2.64	2.88	3.04	3.59	4.23	4.96	5.01	5.74	6.47	7.60	7.38	7.71	7.70	6.11	5.62	5.40	5.13	4.10	3.75
	-1.16	0.00	-0.90	-0.93	0.00	0.00	-3.06	-3.71	-3.39	-0.10	0.00	0.00	-0.59	-1.02	-2.08	-14.66	-13.26	0.07	-1.08	-1.75	-2.05	-2.70	-0.80	-4.86
NORTH	23.83	21.48	19.02	17.38	18.09	20.69	22.46	23.22	24.38	28.26	33.35	35.44	36.85	38.85	42.66	41.15	45.18	54.38	42.63	40.44	38.53	34.43	27.14	25.10
61755	-1.44	-1.35	-1.21	-1.15	-1.26	-1.51	-1.56	-1.51	-1.81	-2.19	-2.82	-3.12	-3.59	-4.00	-4.78	-4.81	-5.06	-4.86	-4.07	-3.47	-3.31	-2.47	-1.55	-1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	4.76	8.85	9.94	8.61	0.00	0.66	0.00	0.00	0.00	0.00	0.00
NPX	27.86	24.86	23.11	21.30	21.05	24.13	29.81	28.25	29.86	33.33	39.39	41.88	46.64	51.99	62.39	68.09	70.59	64.62	51.72	47.95	45.68	40.26	31.73	30.20
61845	2.15	2.03	1.80	1.65	1.70	1.93	2.11	2.10	2.38	2.83	3.22	3.32	3.85	4.38	5.07	5.09	5.30	5.39	4.35	4.04	3.85	3.36	2.67	2.45
	-0.44	0.00	-1.08	-1.11	0.00	0.00	-3.67	-1.42	-1.30	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-7.11	-6.43	0.00	0.00	0.00	-0.37	-1.35

OH	24.70	22.33	20.00	18.50	19.16	22.00	23.75	24.13	25.20	28.00	32.97	35.03	37.93	39.50	46.04	44.61	49.00	55.99	45.86	43.14	41.31	35.87	27.37	25.32
61846	-0.61	-0.50	-0.36	-0.17	-0.19	-0.20	-0.72	-0.72	-0.99	-1.04	-1.19	-0.93	-1.03	-1.19	-1.69	-1.68	-1.53	-1.60	-0.85	-0.79	-0.54	-1.03	-1.32	-1.16
	-0.04	0.00	-0.13	-0.13	0.00	0.00	-0.44	-0.11	-0.01	1.42	2.01	2.61	3.83	6.92	8.56	9.61	8.32	1.65	0.65	-0.02	-0.03	0.00	0.00	-0.09
PJM	26.82	23.77	21.56	19.90	20.24	23.22	26.57	27.38	28.81	32.38	38.54	41.49	46.34	52.95	63.61	68.87	71.01	62.78	50.15	46.25	44.57	38.64	30.16	28.29
61847	1.04	0.94	0.85	0.87	0.89	1.02	0.91	0.99	1.07	1.34	1.59	1.81	2.10	2.38	2.76	2.68	3.00	2.84	2.51	2.24	2.34	1.73	1.15	1.03
	-0.52	0.00	-0.48	-0.50	0.00	0.00	-1.64	-1.66	-1.55	-0.58	-0.77	-1.12	-1.45	-2.96	-4.56	-10.30	-9.16	-0.71	-0.28	-0.10	-0.40	0.00	-0.32	-0.87
WEST	25.28	22.85	20.42	18.87	19.56	22.51	24.31	24.77	26.36	36.00	44.00	47.81	58.51	72.00	86.12	89.30	88.08	65.10	50.10	45.10	45.10	36.87	28.09	25.88
61752	-0.03	0.02	0.06	0.20	0.21	0.31	-0.14	-0.07	-0.29	-0.18	-0.18	0.15	0.26	0.24	-0.06	-0.11	0.18	0.12	0.47	0.53	0.71	-0.04	-0.60	-0.61
	-0.03	0.00	-0.12	-0.13	0.00	0.00	-0.43	-0.11	-0.46	-5.73	-8.01	-9.09	-15.46	-24.15	-29.89	-33.52	-29.05	-5.75	-2.26	-0.66	-2.56	0.00	0.00	-0.09