

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/30/2016

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	23.51	20.92	18.63	16.49	16.89	18.73	20.47	22.99	24.63	26.27	27.09	29.67	31.48	34.43	36.25	37.39	39.43	37.51	34.35	31.43	30.17	28.13	24.91	23.51
61757	1.62	1.42	1.28	1.09	1.05	1.13	1.14	1.22	1.35	1.51	1.39	1.60	1.78	1.95	2.12	2.22	2.30	2.12	1.94	1.86	1.63	1.47	1.25	1.31
	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	22.00	19.57	17.40	15.52	16.02	17.83	19.46	22.04	23.69	25.32	26.53	29.09	30.85	34.46	36.34	37.57	39.78	37.11	33.42	30.19	28.96	27.10	24.01	22.40
61754	0.11	0.08	0.05	0.12	0.17	0.23	0.14	0.26	0.33	0.27	0.33	0.17	0.03	0.16	0.10	0.11	0.26	0.25	0.26	0.27	0.26	0.27	0.36	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.29	-0.49	-0.85	-1.12	-1.82	-2.11	-2.29	-2.39	-1.47	-0.75	-0.36	-0.16	-0.17	0.00	0.00
DUNWOD	24.21	21.52	19.15	16.88	17.33	19.27	21.32	24.02	25.66	27.24	28.27	30.99	32.91	36.05	37.85	39.11	41.22	39.21	35.84	32.61	31.43	29.33	25.93	24.47
61760	2.32	2.03	1.80	1.48	1.49	1.67	1.99	2.24	2.38	2.48	2.57	2.92	3.21	3.57	3.72	3.94	4.08	3.82	3.43	3.05	2.88	2.67	2.27	2.27
	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
GENESE	21.21	18.91	16.74	15.08	15.57	17.39	18.77	21.27	23.10	24.34	25.34	27.37	28.75	31.60	33.04	33.94	36.05	34.33	31.60	28.94	27.94	26.02	23.58	21.80
61753	-0.68	-0.58	-0.61	-0.32	-0.27	-0.21	-0.56	-0.50	-0.19	-0.42	-0.36	-0.70	-0.95	-0.88	-1.09	-1.23	-1.08	-1.06	-0.81	-0.62	-0.60	-0.64	-0.07	-0.40
	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	21.14	18.87	16.76	14.89	15.32	17.00	18.77	21.10	22.56	24.02	24.96	27.29	28.87	31.47	33.07	34.08	35.94	34.33	31.44	28.68	27.72	25.91	22.97	21.54
61844	-0.74	-0.62	-0.59	-0.51	-0.52	-0.60	-0.56	-0.68	-0.72	-0.74	-0.75	-0.79	-0.83	-1.01	-1.06	-1.09	-1.19	-1.06	-0.97	-0.89	-0.83	-0.75	-0.69	-0.67
	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
HUD VL	24.10	21.41	19.06	16.83	17.29	19.18	21.18	23.80	25.40	27.02	28.07	30.80	32.73	35.85	37.68	38.97	41.11	39.10	35.75	32.52	31.31	29.17	25.81	24.33
61758	2.21	1.91	1.72	1.43	1.44	1.58	1.86	2.03	2.12	2.25	2.36	2.72	3.03	3.38	3.55	3.80	3.98	3.71	3.34	2.96	2.77	2.51	2.15	2.13
	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
LONGIL	30.75	24.84	22.25	17.11	17.54	19.57	23.67	27.30	29.54	34.61	34.65	35.29	38.65	43.01	43.47	59.51	70.00	61.00	43.05	37.99	37.89	35.91	35.63	34.23
61762	2.91	2.53	2.25	1.71	1.70	1.97	2.47	2.81	3.00	3.17	3.24	3.65	4.07	4.55	4.71	4.92	5.16	4.85	4.47	3.90	3.71	3.44	2.96	2.91
	-5.95	-2.81	-2.65	0.00	0.00	0.00	-1.87	-2.72	-3.25	-6.68	-5.71	-3.57	-4.88	-5.99	-4.63	-19.41	-27.71	-20.77	-6.16	-4.52	-5.64	-5.81	-9.01	-9.12
MHK VL	22.41	19.91	17.66	15.69	16.21	17.99	19.91	22.47	24.01	25.55	26.58	29.08	30.71	33.64	35.43	36.33	38.47	36.66	33.57	30.60	29.66	27.73	24.48	22.87
61756	0.52	0.41	0.31	0.29	0.36	0.39	0.58	0.70	0.72	0.79	0.87	1.01	1.01	1.17	1.30	1.16	1.33	1.27	1.17	1.03	1.11	1.07	0.83	0.67
	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
MILLWD	24.08	21.41	19.06	16.86	17.32	19.25	21.30	23.91	25.52	27.09	28.15	30.88	32.79	35.95	37.78	39.04	41.14	39.10	35.72	32.47	31.34	29.22	25.78	24.33
61759	2.19	1.91	1.72	1.46	1.47	1.65	1.97	2.13	2.24	2.33	2.44	2.81	3.09	3.48	3.65	3.87	4.01	3.71	3.31	2.90	2.80	2.56	2.13	2.13
	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
N.Y.C.	24.45	21.72	19.33	17.02	17.48	19.43	21.49	24.26	25.89	29.62	31.29	33.69	34.92	37.07	38.64	41.00	42.53	39.61	36.93	34.68	33.85	31.77	28.79	24.74
61761	2.56	2.22	1.98	1.62	1.63	1.83	2.16	2.48	2.61	2.70	2.80	3.17	3.50	3.90	4.03	4.18	4.34	4.03	3.69	3.28	3.11	2.91	2.48	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-2.79	-2.45	-1.72	-0.70	-0.49	-1.64	-1.05	-0.19	-0.83	-1.83	-2.19	-2.20	-2.65	0.00
NORTH	20.84	18.62	16.51	14.72	15.13	16.75	18.69	20.99	22.49	24.02	24.98	27.40	29.02	31.34	32.90	34.01	35.76	34.33	31.47	28.71	27.86	26.02	23.02	21.51
61755	-1.05	-0.88	-0.83	-0.68	-0.71	-0.84	-0.64	-0.78	-0.79	-0.74	-0.72	-0.67	-0.68	-1.14	-1.23	-1.16	-1.37	-1.06	-0.94	-0.86	-0.69	-0.64	-0.64	-0.69
	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	23.62	21.02	18.72	16.54	16.99	18.87	20.74	23.30	24.89	26.47	27.40	30.04	31.87	34.85	36.65	37.84	39.88	37.94	34.74	31.70	30.49	28.42	25.15	23.76
61845	1.73	1.52	1.37	1.14	1.14	1.27	1.41	1.52	1.61	1.71	1.70	1.96	2.17	2.37	2.53	2.67	2.75	2.55	2.33	2.13	1.94	1.76	1.49	1.55
	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

OH 61846	21.14	18.93	16.77	15.12	15.64	17.41	18.59	21.19	22.40	22.60	22.76	22.99	22.99	22.99	23.18	23.36	25.10	27.25	27.44	26.52	26.43	24.67	23.18	21.54
	-0.74	-0.57	-0.57	-0.28	-0.21	-0.19	-0.73	-0.59	-0.56	-0.99	-0.92	-1.63	-2.14	-2.08	-2.35	-2.46	-2.30	-2.16	-1.91	-1.60	-1.45	-1.31	-0.47	-0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	1.17	2.02	3.46	4.57	7.41	8.59	9.35	9.73	5.98	3.06	1.45	0.66	0.69	0.00	0.00
PJM 61847	22.68	20.20	17.97	16.02	16.54	18.39	20.06	22.60	24.23	25.87	27.15	29.85	31.77	35.71	37.69	39.05	41.36	39.12	34.72	31.06	29.62	27.72	24.53	23.00
	0.79	0.70	0.62	0.62	0.70	0.79	0.73	0.83	0.84	0.72	0.77	0.62	0.54	0.75	0.68	0.74	0.96	0.99	0.91	0.83	0.77	0.75	0.88	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.39	-0.68	-1.16	-1.53	-2.49	-2.88	-3.14	-3.26	-2.75	-1.40	-0.67	-0.30	-0.31	0.00	0.00
WEST 61752	21.56	19.32	17.09	15.42	15.96	17.78	19.00	21.95	24.83	29.00	33.17	40.12	45.35	58.85	64.60	68.32	71.93	54.86	41.84	33.74	30.11	28.41	23.84	22.02
	-0.33	-0.18	-0.26	0.02	0.11	0.18	-0.33	0.17	0.35	-0.10	-0.03	-0.79	-1.34	-1.14	-1.43	-1.58	-1.34	-1.38	-1.23	-0.89	-0.74	-0.64	0.19	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-4.34	-7.49	-12.83	-16.98	-27.51	-31.90	-34.73	-36.13	-20.85	-10.66	-5.06	-2.31	-2.39	0.00	0.00