

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/26/2016

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	25.12	22.44	21.22	19.23	17.80	15.31	14.53	16.91	22.55	23.90	25.25	28.47	29.76	31.16	33.28	36.19	40.54	40.39	34.55	32.69	31.22	30.50	27.02	24.69
61757	1.13	1.23	1.26	1.12	1.09	0.93	0.80	0.88	1.24	1.44	1.20	1.46	1.55	1.71	1.94	2.15	2.22	2.21	1.96	1.91	1.63	1.56	1.33	1.33
	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
CENTRL	24.21	21.45	20.22	18.35	16.93	14.60	13.97	16.32	21.77	22.92	24.93	28.40	29.66	31.06	33.46	36.69	41.53	41.16	34.24	31.97	31.25	30.30	26.43	23.80
61754	0.22	0.23	0.26	0.23	0.22	0.23	0.23	0.29	0.45	0.47	0.62	0.65	0.68	0.71	0.78	0.88	0.99	1.11	0.75	0.74	0.68	0.61	0.67	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.25	-0.73	-0.78	-0.90	-1.33	-1.77	-2.22	-1.87	-0.90	-0.45	-0.97	-0.76	-0.08	0.00
DUNWOD	26.08	23.16	21.92	19.80	18.20	15.70	15.00	17.55	23.30	24.70	26.55	29.85	31.09	32.55	34.54	37.48	42.23	41.96	35.79	33.93	32.62	31.92	28.40	25.91
61760	2.09	1.95	1.96	1.68	1.49	1.32	1.26	1.52	1.98	2.25	2.50	2.84	2.88	3.09	3.20	3.44	3.91	3.78	3.20	3.14	3.02	2.98	2.72	2.55
	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
GENESE	23.92	21.17	19.96	18.13	16.75	14.43	13.74	15.92	21.32	22.69	24.81	27.91	29.26	30.65	32.80	35.87	40.49	40.39	33.59	31.56	30.46	29.59	26.25	23.50
61753	-0.07	-0.04	0.00	0.02	0.03	0.06	0.00	-0.11	0.00	0.20	0.53	0.41	0.53	0.59	0.56	0.65	0.69	0.84	0.39	0.34	0.21	0.15	0.46	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.23	-0.49	-0.52	-0.61	-0.90	-1.19	-1.49	-1.37	-0.60	-0.43	-0.65	-0.51	-0.10	0.00
H Q	0.10	20.55	19.24	17.48	15.79	14.17	13.24	16.28	19.70	21.63	23.16	26.02	27.20	28.33	30.12	32.68	36.78	36.65	31.39	29.58	28.50	27.89	24.68	22.50
61844	-0.62	-0.66	-0.72	-0.63	-0.60	-0.53	-0.49	-0.58	-0.79	-0.83	-0.89	-1.00	-1.01	-1.12	-1.22	-1.36	-1.53	-1.53	-1.21	-1.20	-1.09	-1.04	-1.00	-0.86
	23.27	0.00	0.00	0.00	0.33	-0.33	0.00	-0.82	0.82	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	25.99	23.08	21.82	19.70	18.14	15.60	14.89	17.39	23.11	24.52	26.34	29.72	30.98	32.46	34.50	37.58	42.34	42.03	35.82	33.93	32.50	31.80	28.25	25.77
61758	1.99	1.87	1.86	1.59	1.42	1.22	1.15	1.36	1.79	2.06	2.29	2.70	2.77	3.01	3.16	3.54	4.02	3.85	3.23	3.14	2.90	2.87	2.57	2.41
	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	26.47	23.38	21.92	19.76	18.12	15.83	17.33	17.84	23.68	31.45	32.00	36.03	38.30	39.00	40.16	42.49	44.00	43.82	39.71	38.23	37.63	37.62	32.50	27.20
61762	2.47	2.16	1.96	1.65	1.40	1.45	1.62	1.81	2.37	2.90	3.27	3.70	3.84	4.09	4.26	4.59	5.21	5.12	4.34	4.13	3.94	3.85	3.47	3.20
	0.00	0.00	0.00	0.00	0.00	0.00	-1.97	0.00	0.00	-6.10	-4.68	-5.31	-6.25	-5.45	-4.56	-3.86	-0.47	-0.52	-2.78	-3.31	-4.09	-4.83	-3.35	-0.64
MHK VL	24.55	21.70	20.42	18.53	17.07	14.69	14.04	16.38	21.81	23.07	24.84	27.99	29.20	30.42	32.34	35.13	39.58	39.55	33.76	31.89	30.72	30.06	26.53	24.01
61756	0.55	0.49	0.46	0.42	0.35	0.32	0.30	0.35	0.49	0.61	0.79	0.97	0.99	0.97	1.00	1.09	1.26	1.37	1.17	1.11	1.12	1.13	0.85	0.65
	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	26.01	23.10	21.84	19.78	18.20	15.68	14.99	17.53	23.21	24.61	26.48	29.85	31.12	32.57	34.60	37.62	42.38	42.15	35.88	33.99	32.67	31.94	28.40	25.88
61759	2.02	1.89	1.88	1.67	1.49	1.31	1.25	1.51	1.90	2.16	2.43	2.84	2.91	3.12	3.26	3.57	4.06	3.97	3.29	3.20	3.08	3.01	2.72	2.52
	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.	28.21	25.08	24.01	19.94	18.34	15.80	15.06	17.63	25.03	26.93	28.62	32.22	33.50	34.26	39.00	41.50	43.07	41.85	37.65	36.74	36.85	35.71	30.23	27.44
61761	2.28	2.12	2.11	1.81	1.62	1.42	1.32	1.60	2.11	2.38	2.67	2.97	2.99	3.12	3.16	3.37	3.79	3.67	3.16	3.11	3.08	3.15	2.93	2.76
	-1.93	-1.74	-1.94	-0.01	0.00	0.00	0.00	0.00	-1.61	-2.09	-1.89	-2.24	-2.30	-1.69	-4.50	-4.09	-0.96	0.00	-1.90	-2.85	-4.18	-3.62	-1.62	-1.33
NORTH	23.03	20.26	18.84	17.17	15.81	13.57	13.01	15.16	20.15	21.25	22.83	25.58	26.80	27.78	29.43	31.93	35.94	35.85	30.90	28.97	28.12	27.57	24.22	22.08
61755	-0.96	-0.95	-1.12	-0.94	-0.90	-0.80	-0.73	-0.87	-1.17	-1.21	-1.23	-1.43	-1.41	-1.68	-1.91	-2.11	-2.38	-2.33	-1.70	-1.82	-1.48	-1.36	-1.46	-1.28
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	25.36	22.57	21.34	19.32	17.52	15.71	14.70	17.96	21.90	24.05	25.66	28.83	30.10	31.48	33.50	36.39	40.92	40.66	34.81	32.91	31.61	30.87	27.43	25.07
61845	1.37	1.36	1.38	1.21	1.14	1.01	0.96	1.11	1.41	1.59	1.61	1.81	1.89	2.03	2.16	2.35	2.61	2.48	2.22	2.12	2.01	1.94	1.75	1.70
	0.00	0.00	0.00	0.00	0.33	-0.33	0.00	-0.82	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

O H 61846	23.83	21.17	20.02	18.16	16.51	14.93	13.83	16.90	20.56	22.56	23.02	23.80	24.84	25.60	25.50	26.37	28.52	29.84	28.49	28.51	25.29	25.45	25.55	23.50
	-0.17	-0.04	0.06	0.05	0.12	0.23	0.10	0.05	0.06	0.16	0.27	0.03	0.06	0.15	0.06	0.14	0.00	0.27	-0.13	0.09	0.00	-0.14	0.36	0.14
	0.00	0.00	0.00	0.00	0.33	-0.33	0.00	-0.82	0.82	0.06	1.30	3.24	3.43	4.00	5.90	7.81	9.80	8.60	3.97	2.37	4.31	3.34	0.49	0.00
PJM 61847	25.22	22.40	21.18	19.14	17.34	15.60	14.56	17.85	21.77	24.12	26.41	29.84	31.14	32.71	35.26	38.74	43.99	44.00	35.86	34.25	32.87	31.83	27.93	25.00
	1.22	1.19	1.22	1.03	0.95	0.89	0.82	0.99	1.28	1.48	1.66	1.81	1.86	2.00	2.07	2.25	2.61	2.60	2.02	2.09	1.92	1.85	1.85	1.63
	0.00	0.00	0.00	0.00	0.33	-0.33	0.00	-0.82	0.82	-0.18	-0.70	-1.01	-1.07	-1.25	-1.85	-2.45	-3.07	-3.22	-1.24	-1.37	-1.35	-1.05	-0.40	0.00
WEST 61752	24.36	21.66	20.46	18.56	17.18	14.95	14.16	16.53	22.00	25.00	33.00	41.06	43.07	46.77	56.40	67.00	79.29	79.29	49.63	47.05	48.02	43.24	31.00	24.16
	0.36	0.45	0.50	0.45	0.47	0.58	0.43	0.50	0.68	0.88	1.03	0.86	0.93	1.06	1.07	1.19	1.15	1.45	0.88	1.05	0.92	0.72	1.16	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-7.91	-13.18	-13.93	-16.26	-23.99	-31.77	-39.83	-39.66	-16.16	-15.22	-17.51	-13.58	-4.16	0.00