

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/20/2016

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	21.38	19.66	18.92	17.50	16.66	16.97	17.69	21.87	24.18	28.18	30.92	34.33	36.75	40.60	46.74	50.91	55.36	47.80	41.00	35.24	35.03	32.45	27.61	25.78
61757	1.40	1.46	1.38	1.31	1.21	1.17	1.17	1.37	1.58	1.74	1.94	2.13	2.44	2.69	3.14	3.46	3.76	3.25	2.68	2.37	2.14	1.57	1.29	1.16
	0.00	0.00	-0.07	-0.06	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	20.38	18.46	17.65	16.35	15.69	16.12	16.94	22.00	23.85	29.26	32.65	37.06	39.31	44.05	50.24	54.58	58.11	50.21	42.32	35.83	34.32	31.83	26.21	24.99
61754	0.40	0.25	0.17	0.21	0.23	0.32	0.25	0.47	0.50	0.63	0.69	0.90	0.86	0.95	1.13	1.28	1.44	1.29	1.19	0.99	0.85	0.65	0.45	0.37
	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.17	-1.03	-0.76	-2.19	-2.98	-3.95	-4.13	-5.19	-5.51	-5.85	-5.08	-4.37	-2.82	-1.97	-0.57	-0.31	0.56	0.00
DUNWOD	22.10	20.19	19.32	17.81	17.03	17.43	18.29	22.69	25.07	29.32	32.11	35.62	38.06	42.16	48.48	52.80	57.47	49.45	42.34	36.29	35.92	33.28	28.38	26.42
61760	2.12	1.98	1.80	1.63	1.58	1.63	1.77	2.19	2.46	2.88	3.13	3.41	3.74	4.25	4.88	5.36	5.88	4.90	4.02	3.42	3.02	2.41	2.05	1.80
	0.00	0.00	-0.06	-0.04	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	20.22	18.17	17.35	16.12	15.49	16.04	16.69	21.51	23.81	28.20	31.63	35.68	37.80	42.15	48.42	52.61	56.51	48.99	41.47	35.15	34.58	32.23	27.03	24.87
61753	0.24	-0.04	-0.12	-0.02	0.03	0.24	0.05	0.31	0.16	0.26	0.35	0.71	0.65	0.68	1.04	1.28	1.44	1.38	1.23	0.92	0.85	0.59	0.40	0.25
	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.12	-0.71	-1.05	-1.50	-2.30	-2.77	-2.83	-3.56	-3.77	-3.88	-3.48	-3.05	-1.93	-1.36	-0.84	-0.77	-0.31	0.00
H Q	19.24	17.51	16.82	15.52	14.85	15.20	15.98	19.78	21.81	25.54	27.99	31.11	33.12	36.55	41.99	45.69	49.63	42.90	36.94	31.69	3.16	59.13	25.88	24.28
61844	-0.74	-0.69	-0.65	-0.61	-0.60	-0.60	-0.54	-0.72	-0.79	-0.90	-0.99	-1.10	-1.20	-1.36	-1.61	-1.75	-1.96	-1.65	-1.38	-1.18	-0.92	-0.55	-0.45	-0.34
	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	28.81	-28.81	0.00	0.00
HUD VL	22.06	20.15	19.28	17.79	17.00	17.37	18.24	22.67	25.04	29.26	32.11	35.69	38.13	42.27	48.66	53.09	57.73	49.81	42.61	36.49	36.12	33.47	28.48	26.44
61758	2.08	1.95	1.76	1.61	1.55	1.56	1.72	2.17	2.44	2.83	3.13	3.48	3.81	4.36	5.06	5.64	6.14	5.25	4.29	3.62	3.23	2.59	2.16	1.82
	0.00	0.00	-0.05	-0.04	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	23.70	20.48	19.53	18.02	17.23	17.71	21.28	25.16	28.01	31.05	32.80	36.55	42.96	46.02	49.66	56.55	58.87	60.77	45.98	40.34	45.14	39.51	31.47	29.40
61762	2.64	2.27	2.01	1.84	1.78	1.91	2.20	2.73	3.10	3.57	3.82	4.35	4.74	5.35	6.06	6.64	7.28	6.19	5.21	4.47	4.08	3.37	2.74	2.51
	-1.08	0.00	-0.06	-0.05	0.00	0.00	-2.56	-1.93	-2.31	-1.05	0.00	0.00	-3.90	-2.76	0.00	-2.46	0.00	-10.03	-2.45	-3.00	-8.16	-5.28	-2.41	-2.26
MHK VL	20.72	18.78	18.02	16.64	15.92	16.28	17.08	21.29	23.53	27.57	30.32	33.90	36.03	39.77	45.78	49.84	54.17	46.74	40.20	34.63	34.34	32.25	27.30	25.41
61756	0.74	0.58	0.54	0.50	0.46	0.47	0.56	0.80	0.93	1.14	1.31	1.61	1.72	1.86	2.18	2.28	2.58	2.18	1.88	1.55	1.45	1.33	0.97	0.79
	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.08	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.21	0.00	-0.05	0.00	0.00
MILLWD	22.08	20.17	19.32	17.82	17.03	17.43	18.27	22.65	25.09	29.32	32.13	35.69	38.13	42.27	48.66	52.99	57.68	49.63	42.42	36.39	36.02	33.37	28.40	26.44
61759	2.10	1.97	1.80	1.65	1.58	1.63	1.75	2.15	2.49	2.88	3.16	3.48	3.81	4.36	5.06	5.55	6.08	5.08	4.10	3.52	3.13	2.50	2.08	1.82
	0.00	0.00	-0.06	-0.05	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.	22.26	20.33	19.45	17.91	17.14	17.54	18.40	22.81	25.22	29.47	32.32	35.82	40.48	42.31	48.52	53.08	57.46	49.35	42.39	36.29	35.99	33.37	28.54	26.62
61761	2.28	2.13	1.92	1.73	1.68	1.74	1.88	2.32	2.62	3.04	3.30	3.61	3.88	4.40	5.01	5.45	5.98	4.94	4.10	3.42	3.09	2.50	2.21	1.99
	0.00	0.00	-0.06	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-2.29	0.00	0.09	-0.18	0.12	0.15	0.03	0.00	0.00	0.00	0.00	0.00
NORTH	18.82	17.09	16.45	15.13	14.47	14.85	15.79	19.45	21.40	25.14	27.56	30.63	32.46	35.75	41.03	44.65	48.39	41.88	36.21	31.10	31.58	29.95	25.56	24.03
61755	-1.16	-1.11	-1.01	-1.00	-0.99	-0.95	-0.73	-1.04	-1.20	-1.29	-1.42	-1.58	-1.85	-2.16	-2.57	-2.80	-3.20	-2.67	-2.11	-1.78	-1.32	-0.93	-0.76	-0.59
	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	21.54	19.75	18.97	17.52	16.72	17.08	17.88	22.10	24.41	28.44	31.15	34.59	36.92	40.87	46.96	51.10	55.51	47.94	41.11	35.30	35.03	32.41	27.64	25.76
61845	1.56	1.55	1.43	1.34	1.27	1.28	1.36	1.60	1.81	2.01	2.17	2.38	2.61	2.96	3.36	3.65	3.92	3.38	2.80	2.43	2.14	1.54	1.32	1.13
	0.00	0.00	-0.07	-0.05	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	20.40	18.46	17.51	16.30	15.69	16.21	15.81	16.22	17.76	17.05	15.50	15.50	16.63	15.50	20.03	23.41	29.94	26.02	26.63	25.43	29.32	27.94	26.71	24.84
61846	0.42	0.25	0.04	0.16	0.23	0.41	0.02	0.14	0.00	-0.03	-0.09	0.10	-0.03	-0.23	-0.04	0.19	0.05	0.31	0.34	0.30	0.20	-0.12	0.08	0.22
	0.00	0.00	-0.01	-0.01	0.00	0.00	0.73	4.42	4.84	9.36	13.39	16.80	17.66	22.19	23.53	24.23	21.70	18.85	12.04	7.74	3.77	2.81	-0.31	0.00
PJM	21.40	19.49	18.62	17.21	16.49	16.92	17.81	23.26	27.89	31.08	36.37	40.28	42.12	47.42	54.00	58.50	62.06	53.94	44.69	38.71	37.98	35.91	30.45	25.78
61847	1.42	1.29	1.12	1.05	1.04	1.12	1.06	1.37	1.47	1.69	1.83	2.09	2.23	2.50	2.97	3.32	3.61	3.16	2.57	2.24	1.97	1.48	1.24	1.16
	0.00	0.00	-0.04	-0.03	0.00	0.00	-0.23	-1.39	-3.82	-2.96	-5.56	-5.98	-5.58	-7.01	-7.43	-7.73	-6.85	-6.22	-3.80	-3.60	-3.11	-3.56	-2.89	0.00
WEST	21.06	19.06	18.00	16.77	16.18	16.78	20.00	39.00	62.78	64.68	94.80	106.00	106.00	127.60	139.02	146.00	140.00	124.00	88.00	74.00	66.00	66.00	52.17	25.68
61752	1.08	0.86	0.52	0.63	0.73	0.98	0.56	0.84	0.74	0.82	0.84	1.16	1.07	0.95	1.31	1.66	1.60	1.69	1.53	1.32	1.25	0.86	0.97	1.06
	0.00	0.00	-0.01	-0.01	0.00	0.00	-2.92	-17.66	-39.43	-37.42	-64.98	-72.64	-70.62	-88.74	-94.11	-96.90	-86.81	-77.75	-48.15	-39.81	-31.86	-34.27	-24.87	0.00