

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/21/2009

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 61757	29.19	25.88	23.61	22.21	22.35	24.02	28.00	28.70	34.24	38.66	42.15	43.13	45.97	43.24	42.58	35.35	37.09	35.03	37.91	37.36	39.90	40.21	33.37	31.22
	1.78	1.60	1.48	1.39	1.36	1.53	1.72	1.73	2.00	2.18	2.21	2.17	1.82	1.46	1.34	1.24	1.13	1.19	1.17	1.10	1.24	1.51	1.61	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	-0.15	-2.44	-3.62	-8.38	-13.71	-14.44	-8.37	-11.90	-9.11	-12.38	-12.81	-13.87	-11.68	-4.90	-4.05
CENTRL 61754	27.71	24.59	22.30	21.00	21.21	22.76	25.93	27.51	32.78	36.92	38.32	38.31	37.07	29.85	28.59	27.30	25.96	26.34	25.96	25.11	26.61	28.75	27.87	26.22
	0.30	0.32	0.18	0.19	0.23	0.27	0.23	0.54	0.55	0.58	0.56	0.56	0.36	0.25	0.24	0.23	0.19	0.17	0.19	0.23	0.25	0.41	0.46	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	-0.26	-0.40	-0.94	-1.52	-1.54	-1.33	-1.71	-1.42	-1.40	-1.42	-1.58	-1.33	-0.56	-0.46
DUNWOD 61760	30.28	26.70	24.34	22.83	22.95	24.67	28.84	30.00	36.07	40.77	43.74	44.56	46.65	46.67	50.91	56.73	59.28	55.45	43.15	41.81	38.54	39.31	33.94	31.68
	2.88	2.43	2.21	2.02	1.97	2.18	2.72	3.02	3.84	4.43	4.54	4.59	4.61	3.65	3.48	3.37	3.15	3.27	3.24	3.12	3.22	3.43	3.36	2.97
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	-1.70	-2.62	-6.27	-14.95	-20.61	-27.62	-32.07	-27.44	-15.55	-15.24	-10.53	-8.87	-3.72	-3.08
GENESE 61753	26.39	23.62	21.33	20.11	20.35	21.84	24.76	26.60	31.37	35.10	36.41	36.45	35.13	28.08	26.96	25.82	24.52	24.89	24.54	23.58	24.95	26.98	26.56	24.81
	-1.01	-0.66	-0.80	-0.71	-0.63	-0.65	-0.92	-0.38	-0.87	-1.24	-1.27	-1.20	-1.36	-1.15	-1.02	-0.93	-0.84	-0.94	-0.90	-0.96	-1.04	-1.05	-0.73	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-0.19	-0.29	-0.72	-1.16	-1.18	-1.00	-1.30	-1.09	-1.07	-1.09	-1.21	-1.02	-0.43	-0.35
H Q 61844	26.61	23.52	21.46	20.19	20.35	21.80	27.05	22.75	25.29	27.32	29.20	29.27	31.20	27.18	17.13	24.89	17.13	17.13	17.13	22.66	23.97	26.07	23.71	27.05
	-0.79	-0.75	-0.66	-0.62	-0.63	-0.70	-0.74	-0.94	-1.06	-1.20	-1.20	-1.20	-1.14	-0.90	-0.86	-0.85	-0.79	-0.82	-0.83	-0.80	-0.82	-0.95	-0.99	-0.74
	0.00	0.00	0.00	0.00	0.00	0.00	-2.17	3.28	5.88	7.82	7.10	6.88	3.42	0.00	8.82	0.00	6.13	6.79	6.41	0.00	0.00	0.00	2.16	-2.16
HUD VL 61758	30.04	26.51	24.16	22.67	22.81	24.52	28.61	29.73	35.78	40.44	43.40	44.34	46.41	45.25	48.06	51.71	53.98	50.79	41.39	40.17	38.31	38.99	33.66	31.42
	2.63	2.23	2.04	1.85	1.83	2.02	2.49	2.75	3.55	4.11	4.20	4.37	4.40	3.48	3.30	3.22	2.98	3.07	3.02	2.91	3.02	3.13	3.09	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	-1.70	-2.62	-6.25	-13.69	-17.95	-22.75	-26.94	-22.98	-14.00	-13.81	-10.50	-8.84	-3.71	-3.07
LONGIL 61762	30.97	27.07	24.96	23.35	23.44	24.85	29.17	30.43	37.01	42.15	44.57	45.46	47.69	47.67	51.75	57.37	59.97	56.10	50.75	48.91	48.97	45.89	44.70	43.29
	3.56	2.79	2.83	2.54	2.45	2.36	3.05	3.45	4.77	5.81	5.36	5.49	5.65	4.63	4.32	3.99	3.83	3.91	4.17	4.03	4.21	4.48	4.43	4.05
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	-1.70	-2.62	-6.28	-14.96	-20.63	-27.64	-32.09	-27.46	-22.21	-21.42	-19.97	-14.39	-13.41	-13.61
MHK VL 61756	28.17	24.88	22.63	21.25	21.46	23.01	26.31	27.86	33.42	37.36	38.80	38.68	37.70	30.85	29.23	28.88	27.76	28.07	26.91	26.08	27.33	29.52	28.44	26.87
	0.77	0.61	0.51	0.44	0.48	0.52	0.61	0.89	1.19	1.38	1.50	1.31	1.22	1.01	0.86	0.77	0.72	0.79	0.76	0.84	0.94	1.16	1.02	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.01	0.36	0.20	-0.02	-0.72	-1.77	-1.56	-2.37	-2.98	-2.54	-1.78	-1.78	-1.60	-1.35	-0.57	-0.47
MILLWD 61759	30.12	26.56	24.20	22.71	22.83	24.56	28.69	29.83	35.91	40.55	43.56	44.42	46.50	46.62	50.91	56.80	58.64	54.83	42.90	41.60	38.48	39.21	33.80	31.55
	2.71	2.28	2.08	1.89	1.85	2.07	2.56	2.86	3.67	4.22	4.35	4.44	4.44	3.51	3.35	3.24	3.03	3.12	3.09	3.00	3.10	3.27	3.20	2.82
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	-1.71	-2.63	-6.30	-15.03	-20.75	-27.82	-31.55	-26.98	-15.43	-15.14	-10.60	-8.92	-3.75	-3.09
N.Y.C. 61761	30.59	26.97	24.56	23.04	23.17	24.90	29.08	30.22	42.76	46.37	51.95	52.95	60.44	61.98	62.13	62.79	61.30	58.00	49.56	47.92	49.74	49.64	45.02	46.25
	3.18	2.69	2.43	2.23	2.18	2.41	2.95	3.24	4.13	4.76	4.87	4.97	4.94	3.90	3.73	3.60	3.37	3.46	3.44	3.33	3.47	3.67	3.60	3.20
	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-0.01	-6.39	-5.27	-9.58	-10.63	-19.74	-30.00	-31.60	-33.45	-33.88	-29.80	-21.75	-21.14	-21.49	-18.95	-14.56	-17.41
NORTH 61755	25.68	22.62	20.66	19.42	19.58	20.96	24.11	25.62	30.76	30.87	31.07	31.84	31.95	26.89	20.00	24.48	22.88	23.60	23.17	22.28	23.62	25.56	25.22	24.10
	-1.73	-1.65	-1.46	-1.39	-1.41	-1.53	-1.51	-1.35	-1.42	-1.60	-1.61	-1.61	-1.54	-1.18	-1.13	-1.26	-1.18	-1.14	-1.19	-1.17	-1.17	-1.46	-1.64	-1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	3.87	4.82	3.90	2.28	0.00	5.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX 61845	29.38	26.07	23.81	22.37	22.51	24.18	28.21	29.08	34.75	39.14	42.40	43.25	45.83	44.14	45.30	43.03	45.16	42.39	39.67	38.87	39.09	39.58	33.37	31.21
	1.97	1.80	1.68	1.56	1.53	1.69	2.00	2.10	2.51	2.80	2.89	2.80	2.65	2.02	1.93	1.90	1.78	1.83	1.83	1.78	1.88	2.11	2.12	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	0.00	0.00	0.00	-2.01	-3.10	-7.42	-14.04	-16.56	-15.39	-19.32	-15.82	-13.47	-13.63	-12.42	-10.46	-4.39	-3.63

OH 61846	25.05	22.55	20.29	19.19	19.45	20.76	23.20	25.17	28.88	31.90	33.08	33.07	32.00	25.85	24.95	24.02	22.95	23.18	22.95	21.99	23.19	25.00	24.97	23.10
	-2.36	-1.72	-1.84	-1.62	-1.53	-1.73	-2.49	-1.81	-3.35	-4.43	-4.65	-4.63	-4.61	-3.59	-3.24	-2.91	-2.65	-2.84	-2.68	-2.74	-3.02	-3.21	-2.39	-2.95
	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	-0.23	-0.35	-0.85	-1.37	-1.39	-1.19	-1.54	-1.28	-1.26	-1.28	-1.43	-1.20	-0.50	-0.42
PJM 61847	27.46	25.78	23.43	22.00	22.16	23.84	27.57	27.60	31.82	39.56	41.72	42.82	41.53	42.13	43.71	44.41	43.17	44.55	37.07	36.00	34.84	36.03	32.59	31.03
	0.05	1.50	1.31	1.19	1.17	1.35	1.59	0.62	-1.29	2.51	2.40	2.50	-0.43	1.97	1.85	0.10	-1.88	1.81	1.83	1.78	1.78	1.95	2.01	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	-0.87	-0.72	-1.82	-2.97	-6.19	-12.09	-15.05	-18.57	-20.99	-18.01	-10.87	-10.76	-8.27	-7.07	-3.72	-3.78
WEST 61752	25.87	23.21	20.86	19.71	20.00	21.41	24.08	26.22	30.46	33.72	34.87	34.87	33.65	27.10	26.10	25.08	23.96	24.18	23.94	23.00	24.29	26.23	25.92	23.95
	-1.53	-1.07	-1.26	-1.10	-0.99	-1.08	-1.61	-0.76	-1.77	-2.62	-2.89	-2.88	-3.08	-2.53	-2.28	-2.01	-1.83	-2.00	-1.85	-1.90	-2.11	-2.13	-1.50	-2.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	-0.26	-0.40	-0.96	-1.55	-1.57	-1.35	-1.74	-1.45	-1.42	-1.44	-1.61	-1.35	-0.57	-0.47