

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/16/2009

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	29.50	27.11	24.61	24.57	24.48	29.64	42.59	47.53	48.00	49.38	49.99	45.95	45.13	43.55	39.79	40.74	46.79	48.38	54.76	59.45	40.02	40.28	36.71	31.69
61757	1.93	1.82	1.63	1.59	1.60	1.99	2.66	3.36	3.45	3.50	3.38	3.08	2.96	2.80	2.54	2.54	2.74	3.02	3.57	4.06	2.63	2.71	2.37	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	-4.44	0.00	-1.37	-2.09	-3.33	-1.76	-3.28	-2.98	-2.45	-2.90	-7.52	-4.47	-0.97	-2.01	-0.32	0.00	0.00	0.00
CENTRL	28.31	25.87	23.50	23.56	23.55	28.34	36.39	45.10	44.08	44.49	44.00	41.65	39.65	38.45	35.42	35.87	37.83	41.71	50.53	53.88	37.48	37.95	34.85	30.06
61754	0.74	0.58	0.53	0.57	0.66	0.69	0.35	0.93	0.73	0.44	0.30	0.33	0.35	0.30	0.31	0.21	0.44	0.33	0.20	0.27	0.37	0.38	0.52	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	0.00	-0.17	-0.26	-0.42	-0.22	-0.41	-0.37	-0.31	-0.36	-0.86	-0.51	-0.11	-0.23	-0.04	0.00	0.00	0.00
DUNWOD	29.99	27.69	25.07	24.98	24.94	30.16	42.36	48.94	49.11	50.44	50.74	47.11	45.86	44.38	40.62	41.56	46.53	48.98	56.83	61.19	41.46	41.63	37.81	32.55
61760	2.43	2.40	2.09	2.00	2.06	2.52	3.44	4.77	4.88	5.04	4.89	4.64	4.43	4.31	3.93	4.02	4.35	4.74	5.88	6.30	4.15	4.06	3.47	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	-3.43	0.00	-1.05	-1.61	-2.57	-1.36	-2.53	-2.30	-1.89	-2.24	-5.65	-3.36	-0.73	-1.51	-0.24	0.00	0.00	0.00
GENESE	27.95	25.34	23.11	23.24	23.27	27.87	35.30	44.66	43.52	43.67	43.06	40.85	38.96	37.82	34.88	35.28	36.97	40.74	49.25	52.54	36.65	37.24	34.44	29.59
61753	0.39	0.05	0.14	0.25	0.39	0.22	-0.60	0.49	0.22	-0.31	-0.52	-0.41	-0.23	-0.23	-0.14	-0.28	-0.22	-0.53	-1.05	-1.01	-0.44	-0.34	0.10	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	-0.13	-0.19	-0.30	-0.16	-0.30	-0.27	-0.22	-0.26	-0.66	-0.39	-0.09	-0.18	-0.03	0.00	0.00	0.00
H Q	26.63	24.42	22.24	22.25	19.78	25.66	26.44	36.89	35.44	36.37	35.71	34.92	34.65	35.12	33.79	34.31	35.36	35.59	40.03	48.54	39.49	36.52	33.27	26.91
61844	-0.94	-0.86	-0.74	-0.74	-0.78	-0.91	-0.99	-1.46	-1.38	-1.27	-1.17	-1.15	-1.09	-1.06	-1.01	-0.99	-1.17	-1.19	-1.26	-1.39	-1.04	-1.05	-1.06	-0.98
	0.00	0.01	0.00	0.00	2.32	1.08	8.05	5.82	6.36	6.15	6.40	5.03	3.15	1.60	0.00	0.00	0.00	4.10	8.93	3.45	-3.45	0.00	0.00	1.70
HUD VL	29.83	27.56	24.95	24.91	24.83	30.05	42.22	48.59	48.68	50.00	50.31	46.70	45.47	44.00	40.28	41.21	46.20	48.65	56.33	60.60	41.20	41.37	37.57	32.31
61758	2.26	2.28	1.98	1.93	1.95	2.41	3.30	4.42	4.45	4.60	4.46	4.23	4.04	3.93	3.58	3.67	4.02	4.41	5.37	5.71	3.89	3.80	3.23	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	-3.43	0.00	-1.05	-1.61	-2.57	-1.36	-2.53	-2.30	-1.89	-2.24	-5.65	-3.36	-0.73	-1.51	-0.24	0.00	0.00	0.00
LONGIL	30.99	28.90	26.19	26.04	26.06	30.94	43.32	50.31	51.69	52.79	55.72	54.10	54.03	54.01	50.52	50.53	52.66	51.57	58.18	62.80	53.83	50.77	38.49	33.23
61762	3.42	3.62	3.22	3.06	3.18	3.29	4.40	6.14	6.39	6.57	6.32	5.96	5.64	5.48	5.01	5.12	5.48	5.97	7.23	7.90	5.26	5.22	4.16	3.64
	0.00	0.00	0.00	0.00	0.00	0.00	-3.44	0.00	-2.12	-2.43	-6.12	-7.04	-9.49	-10.76	-10.71	-10.11	-10.66	-4.73	-0.73	-1.51	-11.50	-7.97	0.00	0.00
MHK VL	28.56	26.25	23.76	23.86	23.82	28.75	37.75	46.29	45.48	46.21	45.80	43.18	40.88	39.64	36.44	36.99	38.68	43.11	52.98	56.21	38.66	39.15	35.71	30.74
61756	0.99	0.96	0.78	0.87	0.94	1.11	1.67	2.12	2.12	2.15	2.08	1.85	1.56	1.47	1.32	1.31	1.35	1.76	2.66	2.62	1.56	1.58	1.37	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.00	-0.18	-0.28	-0.44	-0.23	-0.43	-0.39	-0.32	-0.38	-0.79	-0.47	-0.10	-0.21	-0.03	0.00	0.00	0.00
MILLWD	29.91	27.56	24.95	24.89	24.85	30.05	42.28	48.81	48.91	50.20	50.56	46.92	45.66	44.18	40.41	41.38	46.38	48.82	56.69	61.00	41.20	41.45	37.64	32.37
61759	2.34	2.28	1.98	1.91	1.97	2.41	3.34	4.64	4.66	4.77	4.67	4.44	4.20	4.08	3.69	3.81	4.13	4.54	5.73	6.09	3.89	3.87	3.30	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	-3.46	0.00	-1.07	-1.63	-2.61	-1.38	-2.57	-2.33	-1.92	-2.27	-5.73	-3.41	-0.74	-1.53	-0.24	0.00	0.00	0.00
N.Y.C.	39.53	27.95	25.30	25.22	25.17	30.42	51.98	62.14	66.22	67.47	56.04	54.55	54.32	54.02	52.78	51.60	53.57	59.00	77.11	80.82	63.88	60.14	45.33	37.93
61761	2.70	2.66	2.32	2.23	2.29	2.76	3.69	5.17	5.27	5.34	5.24	4.97	4.75	4.61	4.18	4.27	4.64	5.07	6.23	6.62	4.45	4.36	3.78	3.28
	-9.26	0.00	0.00	0.00	0.00	0.00	-12.81	-12.81	-17.78	-18.34	-7.52	-8.48	-10.68	-11.64	-13.80	-12.03	-12.41	-13.06	-20.66	-20.82	-22.36	-18.20	-7.21	-5.05
NORTH	26.11	24.04	21.85	21.93	21.82	26.37	34.46	42.45	41.54	42.57	42.20	40.03	37.73	36.64	33.48	34.03	34.96	39.61	49.32	52.10	35.92	36.22	32.83	28.19
61755	-1.46	-1.24	-1.13	-1.06	-1.05	-1.27	-1.03	-1.72	-1.64	-1.23	-1.08	-1.07	-1.17	-1.13	-1.32	-1.27	-1.57	-1.27	-0.90	-1.28	-1.15	-1.35	-1.51	-1.39
	0.00	0.01	0.00	0.00	0.01	0.01	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	0.01
NPX	29.58	27.23	24.63	24.57	24.55	29.75	42.29	47.75	48.01	49.34	49.88	46.13	45.12	43.64	40.00	40.92	46.34	48.24	55.11	56.11	43.85	40.54	36.85	31.89
61845	2.01	1.95	1.65	1.59	1.67	2.10	2.73	3.58	3.58	3.63	3.55	3.41	3.23	3.14	2.96	2.97	3.07	3.35	4.02	4.38	3.04	2.97	2.51	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	-4.07	0.00	-1.25	-1.91	-3.05	-1.61	-3.00	-2.73	-2.24	-2.66	-6.74	-4.01	-0.87	1.65	-3.74	0.00	0.00	0.00

OH 61846	27.54	24.73	22.79	22.82	22.86	27.12	33.07	42.36	41.00	40.64	39.91	38.00	36.52	35.48	32.83	33.20	35.12	38.11	45.05	45.17	38.00	35.06	33.00	28.55
	-0.03	-0.56	-0.18	-0.16	-0.02	-0.53	-2.91	-1.81	-2.33	-3.37	-3.72	-3.29	-2.72	-2.61	-2.23	-2.40	-2.19	-3.23	-5.27	-4.96	-2.56	-2.52	-1.34	-1.04
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.00	-0.15	-0.22	-0.35	-0.19	-0.35	-0.31	-0.26	-0.31	-0.78	-0.46	-0.10	3.25	-3.49	0.00	0.00	0.00
PJM 61847	28.15	25.74	24.33	24.32	24.28	28.98	39.78	47.13	46.84	46.02	47.80	45.00	43.74	42.59	37.29	40.16	39.00	45.79	53.56	54.27	42.99	39.87	36.37	29.79
	0.58	0.46	1.36	1.33	1.40	1.33	1.81	2.96	2.89	1.05	2.64	2.51	2.41	2.34	-0.24	2.01	-2.08	2.49	2.81	3.26	2.30	2.29	2.03	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	-2.48	0.00	-0.77	-1.18	-1.88	-1.39	-2.43	-2.48	-2.73	-2.85	-4.55	-2.42	-0.53	2.37	-3.63	0.00	0.00	0.00
WEST 61752	28.04	25.21	23.16	23.24	23.27	27.70	34.16	43.86	42.53	42.29	41.55	39.50	37.88	36.80	33.94	34.27	36.31	39.44	46.82	50.41	35.62	36.15	33.96	29.14
	0.47	-0.08	0.18	0.25	0.39	0.06	-1.88	-0.31	-0.82	-1.75	-2.12	-1.81	-1.40	-1.32	-1.15	-1.38	-1.10	-1.96	-3.52	-3.20	-1.48	-1.43	-0.38	-0.44
	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	-0.17	-0.25	-0.40	-0.21	-0.39	-0.35	-0.29	-0.34	-0.88	-0.52	-0.11	-0.24	-0.04	0.00	0.00	0.00