

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/08/2013

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	34.60	31.99	29.75	28.70	30.61	32.76	37.36	40.81	42.49	47.07	50.30	50.34	50.22	49.71	50.02	50.09	50.55	50.71	45.50	45.88	49.44	42.81	37.33	33.89
61757	1.80	1.64	1.47	1.39	1.54	1.62	1.81	2.31	2.37	2.81	2.89	2.80	2.53	2.59	2.65	2.70	2.86	2.78	2.49	2.64	2.80	2.31	1.84	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	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
CENTRL 61754	32.64	30.23	28.17	27.23	28.92	31.07	36.28	39.31	41.42	45.63	49.21	49.78	49.59	49.67	49.74	49.28	49.55	49.79	44.49	43.69	47.11	40.95	36.02	32.87
	-0.16	-0.12	-0.11	-0.08	-0.14	-0.06	0.39	0.81	0.84	0.91	1.09	1.04	0.48	0.52	0.47	0.43	0.43	0.38	0.56	0.39	0.47	0.45	0.53	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	-0.45	0.60	-0.71	-1.20	-1.42	-2.03	-1.90	-1.47	-1.44	-1.48	-0.92	-0.06	0.00	0.00	0.00	0.00
DUNWOD 61760	35.29	32.60	30.26	29.22	31.19	33.41	38.68	42.54	44.54	49.37	52.62	52.86	52.80	52.26	52.62	52.56	52.89	53.11	47.61	48.00	51.72	44.68	38.79	35.13
	2.49	2.25	1.98	1.91	2.12	2.27	3.13	4.04	4.41	4.99	5.22	5.32	5.11	5.14	5.26	5.17	5.20	5.18	4.60	4.76	5.08	4.17	3.30	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	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 61753	31.85	29.44	27.54	26.63	28.25	30.45	35.42	38.15	39.72	43.81	47.08	47.01	46.60	46.62	46.75	46.84	47.07	47.08	42.67	42.17	45.47	39.61	35.31	31.99
	-0.95	-0.91	-0.74	-0.68	-0.81	-0.69	-0.36	-0.35	-0.40	-0.45	-0.33	-0.52	-1.10	-0.90	-1.04	-1.00	-1.09	-1.29	-0.82	-1.08	-1.16	-0.89	-0.18	-0.75
	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	1.06	0.00	0.00	0.00	-0.40	-0.42	-0.44	-0.48	-0.44	-0.48	0.00	0.00	0.00	0.00	0.00
H Q 61844	32.24	29.83	27.82	26.87	28.60	30.64	32.25	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.25
	-0.56	-0.52	-0.45	-0.44	-0.47	-0.50	-0.89	-1.15	-1.20	-1.32	-1.47	-1.47	-1.43	-1.41	-1.47	-1.42	-1.48	-1.44	-1.33	-1.43	-1.49	-1.21	-1.06	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	2.41	4.99	6.57	11.66	13.59	13.71	13.91	13.36	13.55	13.62	13.86	14.14	9.32	9.47	12.79	6.94	2.07	0.00
HUD VL 61758	35.45	32.84	30.49	29.50	31.39	33.72	38.89	42.62	44.54	49.37	52.81	53.00	52.94	52.45	52.72	52.70	53.12	53.34	47.86	48.13	52.05	45.00	39.11	35.62
	2.66	2.49	2.21	2.19	2.33	2.58	3.34	4.12	4.41	4.99	5.40	5.46	5.25	5.32	5.35	5.31	5.43	5.41	4.86	4.89	5.41	4.50	3.62	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	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 61762	36.11	33.49	30.99	29.88	31.92	35.25	46.92	50.75	55.69	56.57	66.24	69.00	69.00	69.00	70.89	60.80	71.07	69.00	58.40	58.41	69.17	58.21	51.24	37.62
	3.31	3.03	2.72	2.57	2.85	3.05	4.02	5.00	5.41	6.03	6.12	6.27	6.06	6.08	6.15	6.07	6.11	6.14	5.42	5.66	6.06	5.06	4.01	3.05
	0.00	-0.10	0.00	0.00	0.00	-1.06	-7.35	-7.25	-10.15	-5.21	-12.71	-15.19	-15.25	-15.80	-17.37	-7.34	-17.28	-14.93	-9.98	-9.50	-16.47	-12.64	-11.74	-1.83
MHK VL 61756	33.65	31.05	28.93	27.94	29.76	31.98	36.88	39.89	41.61	46.12	49.31	49.53	49.26	49.04	49.23	49.18	49.23	49.47	44.49	44.16	47.81	41.64	36.41	33.69
	0.85	0.70	0.65	0.63	0.70	0.84	1.14	1.38	1.49	1.77	1.90	2.00	1.57	1.51	1.42	1.33	1.05	1.05	0.94	0.91	1.17	1.13	0.92	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.97	0.00	0.00	0.00	-0.41	-0.44	-0.46	-0.49	-0.49	-0.54	0.00	0.00	0.00	0.00	0.00
MILLWD 61759	35.29	32.63	30.29	29.25	31.22	33.44	38.75	42.62	44.58	49.41	52.76	52.95	52.84	52.31	52.62	52.61	52.93	53.15	47.61	48.05	51.86	44.80	38.82	35.16
	2.49	2.28	2.01	1.94	2.15	2.30	3.20	4.12	4.45	5.03	5.36	5.42	5.15	5.18	5.26	5.21	5.25	5.23	4.60	4.80	5.22	4.29	3.33	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	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. 61761	35.69	32.93	30.54	29.47	31.48	33.72	39.07	43.00	45.21	50.17	53.19	53.43	53.38	52.83	53.15	53.13	53.41	53.63	48.75	48.53	52.23	45.20	39.18	35.49
	2.89	2.58	2.26	2.16	2.41	2.58	3.52	4.50	4.85	5.53	5.78	5.89	5.67	5.70	5.78	5.73	5.72	5.70	5.07	5.27	5.59	4.70	3.69	2.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.69	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.68	-0.01	0.00	0.00	0.00	0.00
NORTH 61755	32.21	29.71	27.74	26.82	28.51	30.58	34.59	36.81	38.48	42.98	45.18	45.40	45.73	45.05	45.14	45.21	45.40	45.77	40.94	41.00	44.31	38.72	33.93	32.25
	-0.59	-0.64	-0.54	-0.49	-0.55	-0.56	-0.96	-1.69	-1.65	-1.86	-2.23	-2.14	-1.96	-2.07	-2.23	-2.18	-2.29	-2.16	-2.06	-2.25	-2.33	-1.78	-1.56	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	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 61845	34.80	32.20	29.97	28.92	30.84	33.01	37.90	41.35	43.22	47.88	51.01	51.15	51.13	50.56	50.87	50.90	51.27	51.43	46.06	46.53	50.18	43.38	37.83	34.28
	2.00	1.85	1.70	1.61	1.77	1.87	2.35	2.85	3.09	3.54	3.60	3.61	3.44	3.44	3.50	3.51	3.58	3.50	3.05	3.29	3.54	2.88	2.34	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	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	31.00	28.74	26.81	26.00	27.47	29.55	34.59	37.04	36.81	41.32	42.72	40.94	40.29	40.29	41.02	42.45	42.68	42.93	40.91	40.62	44.07	38.52	34.60	31.20
	-1.80	-1.61	-1.47	-1.31	-1.60	-1.59	-1.17	-1.46	-1.57	-1.90	-1.90	-1.90	-2.67	-2.55	-2.65	-2.80	-2.91	-2.83	-2.06	-2.42	-2.57	-1.98	-0.89	-1.54
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	1.75	2.10	2.79	4.69	4.73	4.28	3.69	2.15	2.10	2.17	0.03	0.20	0.00	0.00	0.00	0.00
PJM 61847	31.13	28.95	26.95	26.14	27.61	29.71	35.04	38.00	40.53	44.10	48.30	49.52	50.16	50.04	49.86	48.35	48.03	49.00	42.91	42.00	45.10	39.25	34.92	31.46
	-1.67	-1.40	-1.33	-1.17	-1.45	-1.43	-0.75	-0.50	-0.60	-0.81	-0.71	-0.71	-1.62	-1.55	-1.52	-1.75	-1.76	-1.72	-1.07	-1.43	-1.54	-1.26	-0.57	-1.28
	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-1.00	0.41	-1.60	-2.69	-4.09	-4.47	-4.01	-2.71	-2.10	-2.79	-0.98	-0.18	0.00	0.00	0.00	0.00
WEST 61752	31.82	29.44	27.43	26.60	28.11	30.30	35.73	38.19	45.68	47.22	56.38	63.00	67.79	67.47	65.00	58.00	55.60	58.64	44.85	42.47	44.91	39.29	35.45	31.86
	-0.98	-0.91	-0.85	-0.71	-0.96	-0.84	-0.04	-0.31	-0.40	-0.59	-0.52	-0.52	-1.29	-1.13	-1.33	-1.47	-1.71	-1.58	-0.91	-1.64	-1.72	-1.21	-0.04	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-5.95	-2.49	-9.49	-15.99	-21.39	-21.48	-18.96	-12.08	-9.63	-12.29	-2.75	-0.87	0.00	0.00	0.00	0.00