

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/30/2013

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	60.06	48.77	49.60	47.66	51.11	55.96	64.82	59.83	57.02	58.08	57.92	57.67	57.82	58.31	55.30	58.89	58.59	74.91	65.51	59.72	57.36	53.89	58.25	58.78
	1.53	1.29	1.24	1.23	1.20	1.58	2.12	2.15	2.62	2.62	2.61	2.56	2.47	2.33	2.27	2.31	2.89	5.23	4.51	4.27	3.92	3.52	2.68	2.15
	-34.93	-27.60	-28.77	-27.17	-31.43	-30.87	-33.67	-25.04	-17.57	-18.61	-18.00	-17.42	-18.44	-20.60	-18.57	-22.67	-13.72	0.00	0.00	0.00	-1.77	0.00	-17.86	-27.64
CENTRL 61754	27.62	23.11	22.92	22.46	22.17	27.21	33.17	35.75	38.80	38.85	39.15	39.37	38.69	37.40	36.38	36.38	43.00	68.92	60.58	54.90	51.05	49.26	39.12	32.18
	-0.19	-0.10	-0.14	-0.08	-0.09	-0.02	0.09	0.10	-0.15	-0.26	-0.34	-0.41	-0.44	-0.46	-0.31	-0.27	-0.63	-0.76	-0.42	-0.55	-0.83	-1.11	-0.75	-0.14
	-4.21	-3.32	-3.46	-3.27	-3.79	-3.72	-4.05	-3.02	-2.12	-2.25	-2.17	-2.10	-2.23	-2.49	-2.24	-2.74	-1.66	0.00	0.00	0.00	-0.21	0.00	-2.15	-3.33
DUNWOD 61760	51.97	42.43	42.87	41.30	43.69	48.69	56.96	54.72	53.98	54.70	54.74	54.71	54.66	54.63	52.13	54.63	56.70	76.44	66.73	60.72	57.87	54.90	54.70	52.38
	1.75	1.51	1.35	1.33	1.26	1.65	2.27	3.00	3.76	3.69	3.73	3.77	3.73	3.57	3.55	3.46	4.28	6.76	5.73	5.27	4.86	4.54	3.40	2.32
	-26.62	-21.04	-21.93	-20.70	-23.96	-23.52	-25.66	-19.08	-13.39	-14.16	-13.69	-13.25	-14.03	-15.68	-14.13	-17.25	-10.44	0.00	0.00	0.00	-1.34	0.00	-13.59	-21.06
GENESE 61753	26.08	21.94	21.71	21.33	20.97	25.90	31.67	34.27	37.27	37.25	37.44	37.59	36.98	35.62	34.75	34.76	41.25	66.69	58.86	53.12	49.15	47.40	37.47	30.75
	-0.80	-0.54	-0.59	-0.48	-0.46	-0.52	-0.52	-0.72	-1.21	-1.36	-1.57	-1.73	-1.66	-1.70	-1.45	-1.29	-2.01	-2.99	-2.14	-2.33	-2.69	-2.97	-1.92	-0.84
	-3.28	-2.59	-2.70	-2.55	-2.95	-2.90	-3.16	-2.35	-1.65	-1.75	-1.69	-1.64	-1.73	-1.94	-1.75	-2.13	-1.29	0.00	0.00	0.00	-0.17	0.00	-1.68	-2.59
H Q 61844	23.25	19.54	19.28	18.94	18.16	23.09	28.37	31.92	36.03	36.08	36.57	36.97	36.24	34.74	33.76	33.20	41.26	68.43	59.84	54.40	50.84	49.77	37.19	28.48
	-0.35	-0.34	-0.31	-0.33	-0.31	-0.42	-0.67	-0.72	-0.81	-0.78	-0.75	-0.72	-0.66	-0.64	-0.69	-0.71	-1.25	-1.25	-1.16	-1.06	-0.83	-0.60	-0.53	-0.52
	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
HUD VL 61758	51.82	42.30	42.79	41.22	43.58	48.55	56.82	54.56	53.85	54.57	54.61	54.54	54.49	54.41	51.93	54.42	56.64	77.00	67.04	60.94	58.07	55.10	54.72	52.34
	1.86	1.59	1.49	1.46	1.39	1.74	2.38	3.04	3.76	3.69	3.73	3.73	3.69	3.50	3.48	3.42	4.32	7.31	6.04	5.49	5.07	4.73	3.54	2.49
	-26.35	-20.83	-21.71	-20.50	-23.72	-23.29	-25.40	-18.89	-13.25	-14.02	-13.56	-13.13	-13.90	-15.52	-14.00	-17.08	-10.34	0.00	0.00	0.00	-1.33	0.00	-13.46	-20.85
LONGIL 61762	52.74	43.12	43.36	41.70	44.08	49.22	58.05	58.42	60.54	64.35	67.73	67.66	65.20	65.17	62.30	67.20	95.00	150.00	123.33	112.82	102.65	93.34	73.13	53.66
	2.50	2.19	1.82	1.71	1.63	2.16	3.34	4.57	5.49	5.38	5.34	5.35	5.28	5.06	5.03	4.89	6.08	9.75	8.36	7.60	7.03	6.55	4.98	3.57
	-26.64	-21.05	-21.94	-20.72	-23.98	-23.54	-25.68	-21.21	-18.22	-22.11	-25.08	-24.63	-23.02	-24.74	-22.82	-28.40	-46.94	-70.56	-53.97	-49.77	-43.95	-36.43	-30.43	-21.09
MHK VL 61756	28.52	23.76	23.61	23.11	22.82	28.00	33.86	36.88	40.03	40.08	40.47	40.67	39.77	38.68	37.63	37.57	44.35	71.63	62.65	56.78	52.91	51.28	40.30	33.04
	0.54	0.42	0.41	0.44	0.41	0.61	0.61	1.11	0.99	1.03	1.04	0.94	0.70	0.88	1.00	0.98	0.76	1.95	1.65	1.33	1.03	0.91	0.49	0.58
	-4.38	-3.46	-3.60	-3.40	-3.94	-3.87	-4.22	-3.14	-2.20	-2.19	-2.12	-2.05	-2.17	-2.42	-2.18	-2.66	-1.61	0.00	0.00	0.00	-0.21	0.00	-2.10	-3.46
MILLWD 61759	52.23	42.62	43.09	41.50	43.91	48.92	57.22	54.95	54.15	54.88	54.92	54.88	54.80	54.81	52.27	54.82	56.86	76.79	66.98	60.94	58.03	55.00	54.87	52.59
	1.82	1.55	1.41	1.39	1.31	1.72	2.35	3.10	3.83	3.76	3.81	3.85	3.77	3.64	3.58	3.53	4.37	7.11	5.98	5.49	5.01	4.63	3.47	2.38
	-26.80	-21.18	-22.08	-20.85	-24.12	-23.69	-25.84	-19.22	-13.48	-14.26	-13.79	-13.35	-14.13	-15.79	-14.24	-17.37	-10.52	0.00	0.00	0.00	-1.35	0.00	-13.69	-21.21
N.Y.C. 61761	51.94	42.42	42.83	41.23	43.63	48.63	56.83	54.76	54.10	54.82	54.86	54.86	54.82	54.78	52.28	54.77	56.83	76.06	66.55	60.72	57.93	54.95	54.78	52.42
	1.70	1.49	1.29	1.25	1.18	1.58	2.18	3.04	3.87	3.80	3.84	3.92	3.87	3.71	3.69	3.59	4.41	6.76	5.73	5.27	4.91	4.58	3.47	2.35
	-26.63	-21.05	-21.94	-20.72	-23.97	-23.54	-25.62	-19.09	-13.39	-14.17	-13.70	-13.26	-14.04	-15.68	-14.14	-17.26	-10.45	0.38	0.18	0.00	-1.35	0.00	-13.60	-21.07
NORTH 61755	23.27	19.44	19.18	18.80	18.02	22.83	27.81	31.59	35.44	35.61	36.16	36.63	35.83	34.57	33.62	33.03	40.97	67.87	59.41	53.90	50.33	49.26	36.96	28.36
	-0.33	-0.44	-0.41	-0.46	-0.46	-0.68	-1.22	-1.05	-1.40	-1.25	-1.16	-1.05	-1.07	-0.81	-0.83	-0.88	-1.01	-1.81	-1.59	-1.55	-1.34	-1.11	-0.75	-0.64
	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 61845	58.13	51.46	46.87	45.09	48.06	55.80	71.13	63.49	71.42	71.42	74.79	75.13	72.52	71.42	64.94	66.88	90.34	119.54	105.32	92.95	87.52	70.71	56.87	56.07
	1.75	1.49	1.41	1.41	1.33	1.74	2.32	2.71	3.28	3.24	3.24	3.28	3.21	3.08	3.03	2.99	3.57	5.78	4.94	4.60	4.24	3.98	3.13	2.23
	-32.78	-30.09	-25.86	-24.42	-28.25	-30.54	-39.77	-28.15	-31.31	-31.32	-34.23	-34.17	-32.40	-32.97	-27.46	-29.98	-44.80	-44.08	-39.38	-32.90	-31.61	-16.36	-16.02	-24.84

OH 61846	26.54	22.36	22.06	21.70	21.45	26.18	31.70	33.80	36.14	35.99	35.99	35.99	35.57	34.36	33.58	33.65	39.00	61.88	54.96	49.52	45.59	43.92	35.96	30.48
	-1.46	-0.99	-1.16	-0.98	-0.98	-1.22	-1.57	-1.99	-2.91	-3.21	-3.58	-3.88	-3.65	-3.61	-3.20	-3.12	-4.70	-7.80	-6.04	-5.93	-6.31	-6.45	-4.00	-2.00
	-4.40	-3.47	-3.62	-3.42	-3.96	-3.89	-4.24	-3.15	-2.21	-2.34	-2.26	-2.19	-2.32	-2.59	-2.33	-2.85	-1.72	0.00	0.00	0.00	-0.22	0.00	-2.24	-3.48
PJM 61847	27.83	23.34	23.11	22.68	22.55	27.35	33.19	35.18	37.48	37.40	37.43	37.38	36.97	35.76	34.90	35.08	40.25	63.41	56.18	50.68	46.78	44.98	37.07	31.78
	-1.23	-0.85	-0.98	-0.83	-0.83	-0.99	-1.10	-1.37	-2.10	-2.36	-2.69	-3.02	-2.81	-2.83	-2.45	-2.38	-3.86	-6.27	-4.82	-4.77	-5.17	-5.39	-3.43	-1.54
	-5.45	-4.31	-4.49	-4.24	-4.91	-4.82	-5.26	-3.91	-2.74	-2.90	-2.81	-2.72	-2.88	-3.21	-2.90	-3.53	-2.14	0.00	0.00	0.00	-0.28	0.00	-2.78	-4.32
WEST 61752	26.88	22.66	22.37	22.01	21.75	26.61	32.33	34.60	37.04	36.93	36.95	36.89	36.44	35.15	34.36	34.43	40.01	63.76	56.67	50.96	46.88	45.13	36.82	31.00
	-1.01	-0.62	-0.76	-0.60	-0.59	-0.70	-0.84	-1.11	-1.95	-2.21	-2.57	-2.94	-2.73	-2.76	-2.38	-2.27	-3.65	-5.92	-4.33	-4.49	-5.01	-5.24	-3.09	-1.39
	-4.29	-3.39	-3.54	-3.34	-3.86	-3.79	-4.14	-3.08	-2.16	-2.29	-2.21	-2.14	-2.27	-2.53	-2.28	-2.79	-1.69	0.00	0.00	0.00	-0.22	0.00	-2.19	-3.40