

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/11/2013

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	31.21	30.58	29.61	29.12	28.02	30.93	37.17	40.69	43.03	44.61	46.52	46.98	47.96	48.17	47.18	46.22	46.99	46.09	45.25	49.25	49.18	39.93	36.50	31.87	
61757	1.74	1.51	1.41	1.36	1.28	1.61	1.84	1.97	2.16	2.12	2.21	2.15	2.24	2.25	2.20	2.16	2.11	2.11	2.24	2.65	2.39	1.83	1.80	1.66	
	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	
CENTRL	30.06	29.56	28.54	28.12	27.16	30.07	36.43	39.88	41.97	43.72	45.42	45.99	46.77	46.93	46.01	45.16	46.09	45.12	43.96	47.58	48.06	39.24	35.67	30.76	
61754	0.59	0.49	0.34	0.36	0.43	0.76	1.10	1.16	1.10	1.23	1.11	1.16	1.05	1.01	1.04	1.10	1.21	1.14	0.95	0.98	1.26	1.14	0.97	0.54	
	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	
DUNWOD	31.77	30.99	29.95	29.40	28.31	31.43	38.33	42.32	44.91	46.77	48.87	49.49	50.57	50.84	49.84	48.78	49.63	48.60	47.57	51.44	51.57	41.87	37.93	32.66	
61760	2.30	1.92	1.75	1.64	1.58	2.11	3.00	3.60	4.05	4.29	4.56	4.66	4.84	4.92	4.86	4.72	4.75	4.62	4.56	4.85	4.78	3.77	3.23	2.45	
	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	
GENESE	30.15	29.68	28.43	28.09	27.21	30.22	36.36	39.10	41.15	42.74	44.18	44.70	45.35	45.55	44.71	43.93	44.97	43.85	42.72	46.13	46.75	38.56	35.43	30.48	
61753	0.68	0.61	0.22	0.33	0.48	0.91	1.03	0.39	0.29	0.26	-0.13	-0.13	-0.37	-0.37	-0.27	-0.13	0.09	-0.13	-0.30	-0.47	-0.05	0.46	0.73	0.27	
	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	
H Q	28.56	28.40	27.70	27.26	26.22	28.40	30.89	37.43	38.01	39.36	39.54	41.67	44.25	44.44	43.53	42.60	43.39	42.52	41.59	41.62	40.26	36.81	33.52	29.43	
61844	-0.91	-0.67	-0.51	-0.50	-0.51	-0.91	-1.20	-1.28	-1.35	-1.40	-1.42	-1.44	-1.46	-1.47	-1.44	-1.45	-1.48	-1.45	-1.42	-1.49	-1.54	-1.30	-1.18	-0.79	
	0.00	0.00	0.00	0.00	0.00	0.00	3.24	0.01	1.50	1.72	3.35	1.72	0.01	0.01	0.00	0.00	0.00	0.01	0.01	3.48	4.99	0.00	0.00	0.00	
HUD VL	31.94	31.19	30.29	29.76	28.63	31.78	38.72	42.78	45.28	47.20	49.27	49.85	50.93	51.29	50.24	49.22	50.08	49.03	48.05	52.00	52.08	42.37	38.34	32.99	
61758	2.48	2.12	2.09	2.00	1.90	2.46	3.39	4.06	4.41	4.72	4.96	5.02	5.21	5.37	5.26	5.15	5.20	5.06	5.03	5.40	5.29	4.27	3.64	2.78	
	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	
LONGIL	48.84	47.51	40.15	34.19	33.47	44.83	49.48	51.50	53.39	54.89	58.72	59.00	58.00	57.82	58.43	58.76	59.00	63.35	63.99	97.60	68.25	58.84	55.02	49.02	
61762	3.04	2.67	2.43	2.33	2.22	2.84	3.99	4.68	5.19	5.44	5.67	5.79	5.94	6.01	5.98	5.82	5.88	5.71	5.59	5.92	5.90	4.69	4.09	3.20	
	-16.34	-15.76	-9.52	-4.10	-4.52	-12.68	-10.16	-8.11	-7.34	-6.96	-8.74	-8.39	-6.34	-5.88	-7.47	-8.88	-8.25	-13.66	-15.39	-45.08	-15.56	-16.05	-16.23	-15.61	
MHK VL	30.26	29.85	28.82	28.40	27.40	30.25	36.75	40.46	42.58	44.23	46.26	46.80	47.64	47.85	46.82	45.78	46.72	45.78	44.69	48.51	48.72	39.63	35.95	31.24	
61756	0.80	0.79	0.62	0.64	0.67	0.94	1.41	1.74	1.72	1.74	1.95	1.97	1.92	1.93	1.84	1.72	1.84	1.80	1.68	1.91	1.92	1.53	1.25	1.03	
	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	
MILLWD	31.68	30.93	29.90	29.34	28.26	31.37	38.33	42.27	44.87	46.73	48.78	49.40	50.48	50.74	49.70	48.69	49.50	48.51	47.49	51.35	51.52	41.80	37.89	32.63	
61759	2.21	1.86	1.69	1.58	1.52	2.05	3.00	3.56	4.01	4.25	4.47	4.57	4.75	4.82	4.72	4.63	4.62	4.53	4.47	4.76	4.72	3.69	3.19	2.42	
	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	
N.Y.C.	32.00	31.19	30.10	29.54	28.42	31.51	38.51	42.47	45.15	47.07	49.18	49.80	50.93	51.25	50.19	49.17	49.99	48.95	47.92	51.72	60.50	42.14	38.20	32.90	
61761	2.53	2.12	1.89	1.78	1.69	2.20	3.18	3.75	4.29	4.59	4.87	4.98	5.21	5.32	5.22	5.11	5.11	4.97	4.90	5.13	5.06	4.04	3.50	2.69	
	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	-8.65	0.00	0.00	0.00	
NORTH	28.17	27.99	27.33	26.95	25.88	27.94	30.39	36.93	37.46	38.79	39.00	41.15	43.75	43.89	43.00	42.08	42.85	42.04	41.12	41.01	39.61	36.39	33.10	29.40	
61755	-1.30	-1.07	-0.87	-0.81	-0.86	-1.38	-1.73	-1.78	-1.92	-2.00	-1.99	-1.97	-1.96	-2.02	-1.98	-1.98	-2.02	-2.02	-1.93	-1.89	-2.14	-2.25	-1.71	-1.60	-0.81
	0.00	0.00	0.00	0.00	0.00	0.00	3.21	0.01	1.49	1.70	3.31	1.70	0.01	0.01	0.00	0.00	0.00	0.01	0.01	3.45	4.94	0.00	0.00	0.00	
NPX	31.44	30.78	29.84	29.34	28.20	31.13	37.56	41.19	43.56	45.24	47.23	47.70	48.74	48.90	47.90	46.92	47.70	46.84	45.98	49.81	49.84	40.54	37.03	32.20	
61845	1.97	1.71	1.64	1.58	1.47	1.82	2.23	2.48	2.70	2.76	2.92	2.87	3.02	2.98	2.92	2.86	2.83	2.86	2.97	3.21	3.04	2.44	2.33	1.99	
	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	

O H 61846	29.91 0.44 0.00	29.45 0.38 0.00	28.18 -0.03 0.00	27.81 0.06 0.00	26.92 0.19 0.00	29.90 0.59 0.00	35.72 0.39 0.00	37.98 -0.74 0.00	39.80 -1.06 0.00	41.25 -1.23 0.00	42.40 -1.90 0.00	42.95 -1.88 0.00	43.44 -2.28 0.00	43.58 -2.34 0.00	43.00 -1.98 0.00	42.43 -1.63 0.00	43.53 -1.35 0.00	42.53 -1.45 0.00	41.25 -1.77 0.00	44.27 -2.33 0.00	45.11 -1.68 0.00	37.76 -0.34 0.00	34.91 0.21 0.00	30.00 -0.21 0.00
PJM 61847	29.76 0.29 0.00	29.25 0.18 0.00	28.04 -0.17 0.00	27.68 -0.08 0.00	26.76 0.03 0.00	29.72 0.41 0.00	35.89 0.56 0.00	38.83 0.12 0.00	40.70 -0.16 0.00	42.32 -0.17 0.00	43.65 -0.66 0.00	44.29 -0.54 0.00	44.76 -0.96 0.00	44.87 -1.05 0.00	44.21 -0.76 0.00	43.71 -0.35 0.00	44.79 -0.09 0.00	43.76 -0.22 0.00	42.33 -0.69 0.00	45.43 -1.16 0.00	46.42 -0.38 0.00	38.56 0.46 0.00	35.08 0.38 0.00	30.06 -0.15 0.00
WEST 61752	30.47 1.00 0.00	30.03 0.96 0.00	28.68 0.48 0.00	28.31 0.55 0.00	27.43 0.69 0.00	30.60 1.29 0.00	36.57 1.24 0.00	38.64 -0.08 0.00	40.53 -0.33 0.00	42.02 -0.47 0.00	43.16 -1.15 0.00	43.66 -1.17 0.00	44.12 -1.60 0.00	44.27 -1.65 0.00	43.63 -1.35 0.00	43.05 -1.01 0.00	44.16 -0.72 0.00	43.14 -0.84 0.00	41.81 -1.20 0.00	44.87 -1.72 0.00	45.72 -1.07 0.00	38.33 0.23 0.00	35.57 0.87 0.00	30.54 0.33 0.00