

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/16/2015

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	
CAPITL	25.17	21.92	20.00	18.83	18.25	16.43	15.22	16.23	22.23	27.63	31.74	36.04	38.91	41.96	45.57	52.48	56.37	55.97	48.95	43.46	43.88	39.75	33.88	31.33
61757	1.56	1.47	1.31	1.23	1.11	1.03	0.94	1.02	1.61	1.83	2.05	2.42	2.58	2.82	3.10	3.48	3.69	3.66	3.37	2.99	2.95	2.46	2.16	1.77
	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	23.90	20.71	18.86	17.76	17.21	15.49	14.46	15.35	20.85	26.06	30.10	34.28	37.60	40.73	43.90	51.33	55.33	54.73	46.82	41.71	42.40	38.30	32.17	30.30
61754	0.28	0.27	0.17	0.16	0.07	0.09	0.19	0.14	0.23	0.26	0.36	0.37	0.58	0.86	0.64	0.83	0.95	0.94	0.68	0.69	0.90	0.63	0.44	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.29	-0.70	-0.72	-0.79	-1.50	-1.70	-1.48	-0.56	-0.56	-0.57	-0.37	0.00	0.00
DUNWOD	26.45	22.85	20.79	19.52	18.92	17.02	15.75	16.87	23.07	28.79	33.10	37.45	40.36	43.37	47.36	54.39	58.42	57.96	50.50	44.79	45.06	41.24	35.46	32.81
61760	2.83	2.41	2.09	1.92	1.78	1.62	1.47	1.66	2.45	2.99	3.41	3.83	4.03	4.23	4.88	5.39	5.74	5.65	4.92	4.33	4.13	3.95	3.74	3.25
	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	23.62	20.46	18.64	17.51	16.92	15.25	14.35	15.11	20.39	25.52	29.41	32.83	35.62	38.84	41.80	47.96	51.63	51.36	45.22	40.00	40.75	37.08	31.82	30.53
61753	0.00	0.02	-0.06	-0.09	-0.22	-0.15	0.07	-0.11	-0.23	-0.28	-0.24	-0.50	-0.04	0.39	0.09	0.39	0.58	0.47	0.18	0.08	0.37	0.15	0.10	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.28	0.67	0.70	0.76	1.44	1.63	1.42	0.54	0.54	0.55	0.36	0.00	0.00
H Q	22.81	19.73	18.08	17.00	16.66	14.95	13.85	15.23	19.42	24.92	28.68	32.54	35.05	37.74	40.99	47.29	50.84	50.47	44.03	39.09	39.58	36.09	30.61	28.46
61844	-0.80	-0.72	-0.62	-0.60	-0.48	-0.45	-0.43	-0.46	-0.72	-0.88	-1.01	-1.08	-1.27	-1.41	-1.49	-1.72	-1.85	-1.83	-1.55	-1.38	-1.35	-1.19	-1.11	-1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.47	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	26.31	22.73	20.67	19.43	18.82	16.94	15.68	16.77	22.93	28.67	32.99	37.41	40.32	43.49	47.48	54.54	58.58	58.16	50.59	44.87	45.27	41.32	35.28	32.66
61758	2.69	2.29	1.98	1.83	1.68	1.54	1.40	1.55	2.31	2.86	3.30	3.80	4.00	4.34	5.01	5.54	5.90	5.86	5.01	4.41	4.34	4.03	3.55	3.10
	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	27.57	24.82	21.47	20.06	19.51	20.67	22.07	23.36	28.39	34.19	41.52	47.79	47.78	53.57	67.58	77.33	81.83	83.58	64.28	47.65	46.80	44.93	42.66	35.87
61762	3.73	3.15	2.77	2.46	2.37	2.11	1.93	2.19	3.26	4.00	4.63	5.31	5.52	5.87	6.62	7.30	7.80	7.74	6.79	5.99	5.85	5.41	4.95	4.37
	-0.23	-1.23	-0.01	0.00	0.00	-3.16	-5.86	-5.96	-4.51	-4.39	-7.20	-8.87	-5.94	-8.56	-18.48	-21.02	-21.35	-23.53	-11.91	-1.20	-0.02	-2.24	-5.99	-1.94
MHK VL	24.35	21.08	19.24	18.11	17.59	15.80	14.65	15.59	21.28	26.57	30.70	34.89	37.60	40.63	44.05	50.77	54.63	54.24	47.26	42.00	42.69	38.74	32.80	30.53
61756	0.73	0.63	0.54	0.51	0.44	0.40	0.37	0.38	0.66	0.77	1.01	1.28	1.27	1.49	1.57	1.76	1.95	1.94	1.69	1.54	1.76	1.45	1.08	0.97
	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	26.40	22.81	20.77	19.50	18.91	17.00	15.70	16.82	23.01	28.77	33.10	37.48	40.47	43.53	47.57	54.64	58.68	58.27	50.72	44.99	45.31	41.39	35.43	32.81
61759	2.79	2.37	2.07	1.90	1.77	1.60	1.43	1.61	2.39	2.97	3.41	3.86	4.14	4.38	5.09	5.63	6.00	5.96	5.15	4.53	4.38	4.10	3.71	3.25
	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.	26.74	23.10	21.00	19.71	19.09	17.17	15.87	17.02	23.28	29.00	35.36	38.50	41.41	43.95	47.57	54.54	58.58	58.11	50.59	45.52	45.44	43.59	37.52	34.71
61761	3.12	2.66	2.30	2.11	1.95	1.77	1.60	1.81	2.66	3.20	3.71	4.10	4.21	4.38	5.09	5.54	5.90	5.81	5.01	4.49	4.18	4.25	4.09	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-0.78	-0.87	-0.42	-0.01	0.00	0.00	0.00	0.00	-0.56	-0.34	-2.05	-1.70	-1.58
NORTH	22.53	19.48	17.91	16.82	16.52	14.83	13.75	14.63	19.67	24.74	28.45	32.41	34.69	37.31	40.48	46.70	50.26	50.01	43.62	38.76	39.46	35.98	30.23	28.05
61755	-1.09	-0.96	-0.78	-0.77	-0.62	-0.57	-0.53	-0.58	-0.95	-1.06	-1.25	-1.21	-1.63	-1.84	-2.00	-2.30	-2.42	-2.30	-1.96	-1.70	-1.47	-1.31	-1.49	-1.51
	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	25.60	22.18	20.24	19.06	18.48	16.62	15.42	16.95	22.00	28.05	32.15	36.44	39.34	42.20	46.00	52.83	56.63	56.18	49.18	43.62	43.96	40.09	34.33	31.74
61845	1.98	1.74	1.55	1.46	1.34	1.22	1.14	1.26	1.86	2.24	2.46	2.82	3.01	3.06	3.52	3.82	3.95	3.87	3.60	3.16	3.03	2.80	2.60	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.47	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	23.03	20.03	18.30	17.26	16.66	15.06	14.29	15.54	19.67	25.00	28.64	31.47	33.35	36.36	38.52	43.14	46.22	46.39	42.14	37.64	38.43	35.25	30.74	30.03
	-0.59	-0.41	-0.39	-0.33	-0.48	-0.34	0.01	-0.15	-0.47	-0.80	-0.92	-1.31	-0.98	-0.70	-1.70	-1.57	-1.58	-1.68	-1.82	-1.21	-0.86	-0.97	-0.98	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.47	0.00	0.13	0.83	2.00	2.08	2.26	4.30	4.88	4.24	1.61	1.61	1.64	1.07	0.00	0.00
PJM 61847	25.03	21.69	19.78	18.58	17.98	16.22	15.13	16.62	21.44	27.30	31.56	36.18	40.12	43.20	46.71	55.35	59.73	58.73	49.24	44.03	44.51	40.23	33.56	31.54
	1.42	1.25	1.08	0.98	0.84	0.82	0.86	0.93	1.30	1.50	1.75	1.85	2.07	2.27	2.29	2.64	2.84	2.77	2.28	2.18	2.17	2.01	1.84	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.47	0.00	-0.12	-0.72	-1.72	-1.79	-1.94	-3.70	-4.21	-3.65	-1.39	-1.39	-1.41	-0.93	0.00	0.00
WEST 61752	23.48	20.42	18.64	17.58	16.95	15.32	14.58	15.40	20.58	25.54	30.00	36.24	43.81	47.35	50.37	65.00	71.00	68.00	50.89	46.28	47.33	41.26	31.41	30.77
	-0.14	-0.02	-0.06	-0.02	-0.19	-0.08	0.30	0.18	-0.04	-0.26	-0.21	-0.57	-0.18	0.24	-0.76	-0.49	-0.42	-0.57	-0.87	-0.36	0.12	-0.15	-0.32	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-3.19	-7.67	-7.97	-8.66	-16.49	-18.74	-16.27	-6.18	-6.18	-6.28	-4.12	0.00	0.00