

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/13/2017

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	17.54	13.67	11.59	10.58	10.85	11.44	17.86	20.46	21.12	22.29	22.78	24.43	26.40	26.46	28.76	29.04	31.27	31.14	29.35	29.89	28.58	23.67	19.44	18.07
61757	0.97	0.77	0.68	0.62	0.64	0.72	1.09	1.22	1.07	1.14	1.11	1.25	1.33	1.34	1.53	1.57	1.74	1.73	1.74	1.72	1.56	1.28	1.04	1.10
	-1.80	-0.72	-0.57	-0.29	-0.28	-0.21	-0.29	-0.25	-0.28	-0.32	-0.34	-0.40	-0.37	-0.37	-0.45	-0.46	-0.54	-0.53	-0.47	-0.49	-0.55	-0.37	-0.22	-0.29
CENTRL	14.98	12.27	10.41	9.75	10.00	10.59	16.68	19.25	20.68	21.72	22.67	24.30	26.29	26.37	28.24	28.25	29.92	29.54	27.57	28.12	26.99	22.33	18.40	16.80
61754	0.07	0.05	0.05	0.08	0.08	0.08	0.20	0.27	0.42	0.38	0.51	0.43	0.42	0.45	0.48	0.43	0.38	0.37	0.30	0.39	0.45	0.31	0.22	0.12
	-0.14	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	-0.49	-0.52	-0.83	-1.09	-1.17	-1.17	-0.97	-0.80	-0.55	-0.30	-0.12	-0.05	-0.07	-0.01	0.00	0.00
DUNWOD	17.30	13.75	11.54	10.63	10.90	11.57	18.19	21.06	22.01	23.17	23.65	25.33	27.52	27.57	29.81	30.06	32.35	32.22	30.24	30.75	29.43	24.55	20.30	18.62
61760	1.56	1.29	1.05	0.96	0.97	1.06	1.71	2.07	2.23	2.35	2.33	2.55	2.81	2.82	3.03	3.05	3.36	3.35	3.09	3.07	2.96	2.53	2.13	1.93
	-0.96	-0.28	-0.15	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	14.57	11.93	10.16	9.52	9.77	10.34	16.36	18.93	20.19	21.18	22.15	23.62	25.56	25.68	27.67	27.69	29.11	28.87	26.98	27.74	26.64	21.98	18.09	16.41
61753	-0.31	-0.28	-0.20	-0.14	-0.16	-0.17	-0.11	-0.06	0.12	0.04	0.32	0.18	0.15	0.22	0.30	0.19	0.12	0.00	-0.16	0.03	0.13	-0.04	-0.09	-0.27
	-0.11	-0.03	-0.02	0.00	0.00	0.00	0.00	0.00	-0.29	-0.32	-0.50	-0.66	-0.71	-0.71	-0.59	-0.49	0.00	0.00	0.00	-0.03	-0.04	0.00	0.00	0.00
H Q	8.71	6.68	5.21	5.21	7.50	8.54	11.27	14.34	14.53	14.35	14.83	17.45	19.07	19.05	20.62	21.35	23.67	23.77	22.54	23.47	22.02	13.04	10.54	10.28
61844	-0.49	-0.40	-0.34	-0.32	-0.33	-0.35	-0.54	-0.63	-0.67	-0.69	-0.73	-0.77	-0.81	-0.82	-0.88	-0.89	-0.96	-0.95	-0.90	-0.91	-0.87	-0.73	-0.60	-0.55
	5.57	5.10	4.79	4.14	2.10	1.62	4.67	4.02	4.58	5.78	5.77	4.55	4.82	4.88	5.28	4.77	4.37	4.15	3.72	3.30	3.58	8.25	7.04	5.85
HUD VL	17.15	13.65	11.46	10.57	10.84	11.51	18.06	20.83	21.77	22.95	23.40	25.06	27.25	27.28	29.49	29.77	32.09	31.99	30.00	30.53	29.17	24.26	20.05	18.40
61758	1.42	1.19	0.98	0.90	0.91	1.00	1.58	1.84	2.00	2.12	2.07	2.28	2.54	2.53	2.70	2.76	3.10	3.12	2.85	2.85	2.70	2.25	1.87	1.72
	-0.96	-0.28	-0.14	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	19.64	14.60	11.88	10.94	11.24	11.91	21.60	25.15	25.73	26.16	30.66	31.31	33.34	36.43	38.52	43.24	43.36	43.30	38.50	38.52	35.65	33.30	33.87	29.84
61762	2.01	1.67	1.39	1.27	1.30	1.39	2.22	2.66	2.87	2.98	2.90	3.17	3.46	3.49	3.86	3.89	4.26	4.27	3.96	3.99	3.76	3.15	2.71	2.45
	-2.86	-0.75	-0.15	-0.01	-0.02	-0.01	-2.90	-3.50	-3.09	-2.36	-6.43	-5.36	-5.18	-8.18	-7.88	-12.34	-10.11	-10.16	-7.39	-6.85	-5.42	-8.14	-12.98	-10.71
MHK VL	13.65	11.29	9.25	8.81	9.13	10.00	15.89	18.61	19.30	20.23	20.73	22.01	24.06	24.15	25.95	26.12	27.84	27.79	26.29	26.85	25.37	21.31	17.84	16.03
61756	0.25	0.21	0.16	0.16	0.18	0.24	0.43	0.51	0.51	0.54	0.60	0.64	0.67	0.69	0.75	0.73	0.75	0.81	0.79	0.89	0.85	0.62	0.45	0.37
	1.37	1.10	1.25	1.02	0.97	0.75	1.02	0.89	0.99	1.13	1.20	1.41	1.31	1.30	1.59	1.62	1.90	1.89	1.64	1.72	1.95	1.32	0.79	1.02
MILLWD	17.27	13.73	11.52	10.61	10.88	11.55	18.14	21.00	21.93	23.07	23.53	25.20	27.39	27.47	29.70	29.98	32.29	32.19	30.21	30.73	29.38	24.44	20.21	18.53
61759	1.52	1.27	1.03	0.94	0.95	1.04	1.66	2.01	2.16	2.25	2.20	2.41	2.69	2.72	2.92	2.97	3.30	3.32	3.07	3.05	2.91	2.42	2.04	1.85
	-0.97	-0.28	-0.15	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.	17.48	13.91	11.65	10.73	11.00	11.67	18.34	21.30	23.78	25.91	24.36	26.46	28.45	30.03	30.74	31.12	32.79	32.61	30.60	32.43	29.98	25.40	21.40	19.50
61761	1.74	1.45	1.17	1.06	1.07	1.16	1.86	2.30	2.47	2.62	2.60	2.85	3.14	3.14	3.37	3.40	3.71	3.73	3.45	3.43	3.31	2.80	2.35	2.12
	-0.97	-0.28	-0.15	0.00	0.00	0.00	0.00	-0.01	-1.54	-2.46	-0.43	-0.83	-0.61	-2.14	-0.58	-0.71	-0.09	-0.01	-0.01	-1.31	-0.20	-0.59	-0.88	-0.70
NORTH	4.02	4.02	1.33	2.35	2.94	5.00	8.91	12.18	12.28	12.34	12.33	12.38	14.91	15.01	15.01	15.01	15.01	15.01	15.01	15.01	12.27	12.19	12.07	9.12
61755	-0.61	-0.50	-0.42	-0.40	-0.40	-0.42	-0.66	-0.76	-0.79	-0.83	-0.88	-0.89	-0.96	-0.97	-1.04	-1.05	-1.13	-1.10	-1.03	-1.05	-1.03	-0.90	-0.76	-0.68
	10.14	7.66	8.58	6.92	6.59	5.09	6.91	6.05	6.70	7.64	8.12	9.51	8.83	8.78	10.73	10.95	12.85	12.76	11.10	11.62	13.16	8.93	5.34	6.88
NPX	17.11	13.50	11.33	10.42	10.70	11.86	17.24	20.43	21.16	22.32	22.80	24.40	26.48	26.56	28.74	29.04	31.19	31.06	29.26	29.73	28.40	23.71	19.63	18.06
61845	1.15	0.97	0.82	0.75	0.77	0.84	1.27	1.44	1.38	1.50	1.47	1.62	1.78	1.81	1.95	2.03	2.20	2.19	2.12	2.05	1.93	1.70	1.45	1.38
	-1.19	-0.34	-0.18	0.00	0.00	-0.51	0.51	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

OH 61846	14.33	11.76	10.04	9.43	9.66	10.72	15.31	18.44	18.00	18.74	18.57	18.92	20.40	20.48	23.20	23.72	25.99	26.67	25.54	26.56	25.56	21.34	17.63	16.03
	-0.59	-0.46	-0.32	-0.24	-0.27	-0.29	-0.44	-0.55	-0.20	-0.37	-0.06	-0.32	-0.49	-0.47	-0.43	-0.67	-0.78	-0.81	-1.03	-0.91	-0.61	-0.64	-0.54	-0.65
	-0.15	-0.04	-0.02	0.00	0.00	-0.51	0.73	0.00	1.58	1.71	2.70	3.54	3.81	3.80	3.15	2.62	2.22	1.39	0.58	0.21	0.30	0.03	0.00	0.00
PJM 61847	15.62	12.64	10.70	9.96	10.21	11.33	16.50	19.64	21.55	22.62	23.67	25.56	27.56	28.00	29.43	29.30	30.96	30.52	28.16	28.58	27.61	22.93	19.03	17.34
	0.38	0.33	0.29	0.29	0.29	0.32	0.53	0.65	0.89	0.85	1.02	0.98	0.99	0.99	1.10	0.94	0.99	1.04	0.76	0.80	1.01	0.77	0.65	0.50
	-0.46	-0.13	-0.07	0.00	0.00	-0.51	0.51	0.00	-0.89	-0.95	-1.32	-1.80	-1.87	-2.26	-1.55	-1.34	-0.98	-0.61	-0.25	-0.09	-0.14	-0.15	-0.20	-0.16
WEST 61752	14.59	11.96	10.22	9.61	9.86	10.44	16.43	18.97	26.64	28.05	32.98	37.64	40.50	40.55	40.02	37.79	37.39	34.14	29.05	28.37	27.75	22.10	18.11	16.36
	-0.33	-0.27	-0.13	-0.06	-0.07	-0.07	-0.05	-0.02	0.43	0.27	0.64	0.41	0.27	0.30	0.37	0.11	0.06	-0.03	-0.30	-0.11	0.13	-0.04	-0.07	-0.32
	-0.15	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	-6.43	-6.96	-11.01	-14.45	-15.52	-15.50	-12.86	-10.67	-8.35	-5.30	-2.20	-0.80	-1.15	-0.13	0.00	0.00