

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/29/2016

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	32.51	32.41	34.71	35.17	34.80	37.08	27.45	26.62	30.90	26.01	32.78	37.30	77.71	39.23	65.74	57.53	86.38	61.31	41.65	39.34	37.36	36.26	34.20	28.30
61757	2.32	2.44	2.60	2.56	2.54	2.67	2.06	2.02	2.34	2.07	2.52	2.85	5.80	2.86	4.74	4.22	6.39	4.71	3.42	3.24	3.07	2.94	2.62	2.08
	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	30.38	30.20	32.34	32.88	32.47	34.62	25.51	24.72	28.86	24.06	34.85	41.20	88.06	40.95	69.43	55.02	81.22	58.35	38.90	36.34	34.87	33.52	31.80	26.23
61754	0.19	0.23	0.22	0.28	0.20	0.22	0.12	0.11	0.30	0.12	0.41	0.53	1.56	0.75	1.24	0.80	1.23	0.50	0.22	0.19	0.18	0.20	0.22	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.18	-6.22	-14.59	-3.83	-7.20	-0.91	0.00	-1.26	-0.45	-0.05	-0.40	0.00	0.00	0.00
DUNWOD	33.22	32.93	35.06	35.44	35.08	37.45	27.82	27.05	31.21	26.34	33.17	37.67	78.33	39.64	66.45	58.38	87.50	62.29	42.09	39.69	37.80	36.65	34.85	29.04
61760	3.03	2.97	2.94	2.83	2.81	3.05	2.43	2.45	2.64	2.40	2.91	3.22	6.42	3.26	5.46	5.08	7.51	5.70	3.86	3.59	3.51	3.33	3.26	2.82
	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	29.79	29.56	31.68	32.29	31.81	33.97	24.97	24.20	28.48	23.43	29.99	34.42	72.85	36.78	61.65	53.44	80.36	56.16	37.65	35.44	33.58	32.76	31.18	25.74
61753	-0.40	-0.40	-0.44	-0.31	-0.45	-0.44	-0.42	-0.41	-0.08	-0.51	-0.27	-0.03	0.95	0.40	0.66	0.14	0.37	-0.43	-0.58	-0.66	-0.70	-0.56	-0.40	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	29.25	28.95	31.08	31.56	31.27	33.36	24.64	23.86	27.69	23.19	29.26	33.28	69.40	35.16	58.91	51.52	77.35	54.73	37.99	34.94	34.05	32.26	31.49	25.45
61844	-0.94	-1.01	-1.05	-1.05	-1.00	-1.04	-0.75	-0.74	-0.86	-0.75	-1.01	-1.16	-2.51	-1.22	-2.09	-1.78	-2.65	-1.87	-1.27	-1.16	-1.12	-1.06	-1.01	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	0.00	-0.88	0.00	-0.93	0.00
HUD VL	33.14	32.84	34.99	35.39	35.03	37.39	27.77	27.00	31.21	26.34	33.23	37.77	78.72	39.86	66.87	58.71	88.05	62.57	42.26	39.84	37.92	36.76	34.88	29.00
61758	2.95	2.87	2.87	2.78	2.76	2.99	2.37	2.40	2.64	2.40	2.96	3.33	6.81	3.48	5.88	5.41	8.06	5.97	4.03	3.74	3.63	3.44	3.30	2.77
	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	0.00
LONGIL	33.80	33.75	35.85	36.24	36.01	38.53	28.54	27.62	31.77	26.76	33.94	38.20	78.83	39.86	66.42	58.52	88.28	63.44	42.91	40.66	38.62	38.56	49.45	38.99
61762	3.61	3.78	3.73	3.63	3.74	4.13	3.15	3.02	3.20	2.82	3.67	3.76	6.92	3.48	5.43	5.22	8.29	6.84	4.68	4.56	4.33	4.06	4.38	3.72
	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	-1.18	-13.48	-9.06
MHK VL	31.30	31.01	33.19	33.69	33.32	35.56	26.31	25.59	29.82	25.01	31.76	36.23	75.95	38.28	64.31	55.92	83.95	59.30	40.02	37.78	35.86	34.84	32.94	27.20
61756	1.11	1.04	1.07	1.08	1.05	1.16	0.92	0.99	1.26	1.07	1.50	1.79	4.04	1.90	3.32	2.61	3.96	2.70	1.79	1.68	1.57	1.51	1.36	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	33.26	32.96	35.09	35.48	35.11	37.49	27.85	27.09	31.28	26.40	33.28	37.82	78.72	39.87	66.89	58.76	88.10	62.70	42.36	39.93	38.00	36.83	34.98	29.11
61759	3.07	3.00	2.98	2.87	2.85	3.09	2.46	2.49	2.71	2.47	3.02	3.37	6.81	3.49	5.90	5.46	8.11	6.11	4.14	3.83	3.71	3.51	3.39	2.88
	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.	35.73	33.16	35.27	35.65	35.30	37.68	28.10	27.37	31.38	26.51	33.30	37.82	78.46	39.74	66.62	58.54	86.63	62.39	42.15	39.76	38.19	39.07	35.81	31.44
61761	3.28	3.19	3.15	3.05	3.04	3.28	2.61	2.65	2.81	2.57	3.04	3.37	6.55	3.36	5.62	5.24	7.56	5.79	3.92	3.66	3.60	3.43	3.39	2.98
	-2.26	0.00	0.00	0.00	0.00	0.00	-0.09	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	-0.29	-2.31	-0.83	-2.24
NORTH	29.27	28.88	30.98	31.47	31.21	33.32	24.65	23.92	27.82	23.32	29.39	33.41	69.54	35.20	59.01	51.56	77.52	54.87	37.04	35.00	33.24	32.35	30.64	25.52
61755	-0.93	-1.09	-1.14	-1.13	-1.06	-1.08	-0.74	-0.68	-0.74	-0.62	-0.88	-1.03	-2.37	-1.18	-1.99	-1.75	-2.47	-1.73	-1.19	-1.10	-1.05	-0.97	-0.94	-0.70
	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	32.47	32.38	34.64	35.05	34.70	36.95	27.38	23.43	31.26	26.85	32.62	37.04	77.06	38.87	65.13	57.07	85.73	60.97	42.74	39.08	-89.81	37.34	34.53	29.70
61845	2.28	2.41	2.53	2.44	2.43	2.55	1.99	1.93	2.15	1.98	2.36	2.60	5.15	2.49	4.14	3.77	5.73	4.38	3.16	2.98	2.86	2.77	2.58	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	-0.54	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	0.00	126.96	-1.25	-0.36	-1.24

O H 61846	28.91	28.85	30.90	31.53	30.98	32.93	24.12	23.26	27.39	22.28	11.43	6.84	9.85	18.89	30.21	46.72	76.12	47.61	33.60	33.38	30.28	31.31	30.03	24.81
	-1.28	-1.12	-1.22	-1.08	-1.29	-1.48	-1.27	-1.34	-1.17	-1.66	-1.63	-1.65	-2.20	-1.34	-2.35	-2.76	-3.87	-3.67	-2.72	-2.52	-2.32	-2.05	-1.55	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.21	25.96	59.85	16.15	28.43	3.83	0.00	5.32	1.91	0.20	1.68	-0.03	0.00	0.00
PJM 61847	30.40	30.34	32.46	33.00	23.82	21.40	25.05	24.67	28.76	23.86	40.31	49.33	108.21	45.95	79.02	55.69	80.48	59.44	40.12	36.08	36.17	33.38	32.79	26.30
	0.21	0.37	0.34	0.39	0.26	0.21	0.14	0.07	0.21	-0.08	0.24	0.26	1.29	0.50	0.76	0.22	0.48	-0.18	-0.22	-0.13	0.04	0.06	0.28	0.07
	0.00	0.00	0.00	0.00	8.70	13.21	0.48	0.00	0.02	0.00	-9.80	-14.62	-35.01	-9.07	-17.26	-2.17	0.00	-3.03	-2.12	-0.11	-1.84	0.00	-0.93	0.00
WEST 61752	29.51	29.37	31.41	32.03	31.44	33.46	24.53	23.69	27.97	22.73	93.41	125.35	288.88	93.05	164.96	65.35	78.10	72.85	43.03	34.98	38.46	31.95	30.69	25.33
	-0.69	-0.60	-0.71	-0.57	-0.83	-0.95	-0.86	-0.91	-0.59	-1.21	-0.97	-0.79	-0.29	-0.39	-0.76	-1.45	-1.89	-2.42	-1.92	-1.80	-1.68	-1.37	-0.89	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-64.11	-91.69	-217.26	-57.06	-104.73	-13.49	0.00	-18.67	-6.72	-0.68	-5.85	0.00	0.00	0.00