

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/11/2019

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	21.07	19.02	17.11	18.50	20.90	27.64	26.51	31.32	25.56	26.37	26.06	28.83	27.34	32.15	33.22	44.07	42.90	76.31	38.88	67.62	47.83	26.44	29.79	29.16
61757	1.86	1.66	1.39	1.54	1.35	0.70	0.91	0.21	1.94	2.17	2.24	2.37	2.43	2.44	2.49	3.09	3.13	5.76	3.30	6.11	4.26	2.14	1.63	2.01
	0.00	0.00	-1.09	0.00	-3.89	-19.33	-15.50	-28.95	-2.99	0.00	0.42	0.00	1.61	0.00	0.10	0.32	0.24	1.59	0.00	0.00	0.00	-1.04	-9.91	-4.81
CENTRL	19.63	17.65	15.04	17.35	16.43	9.73	11.97	5.08	21.76	25.32	25.05	27.74	26.67	31.23	32.82	44.88	43.34	76.88	37.15	64.41	45.47	24.54	20.80	23.85
61754	0.41	0.29	0.29	0.38	0.39	0.24	0.36	0.10	0.82	1.12	1.11	1.28	1.26	1.52	1.65	2.34	1.98	3.69	1.58	2.91	1.90	0.95	0.78	0.91
	0.00	0.00	-0.12	0.00	-0.38	-1.88	-1.50	-2.82	-0.29	0.00	0.29	0.00	1.11	0.00	-0.35	-1.24	-1.35	-1.05	0.00	0.00	0.00	-0.33	-1.77	-0.60
DUNWOD	21.10	18.93	16.73	18.36	19.75	22.04	22.13	22.85	25.04	26.86	26.75	29.51	28.74	33.18	34.57	46.31	47.92	83.43	40.23	69.04	48.89	26.86	27.56	28.55
61760	1.89	1.57	1.28	1.40	1.33	0.76	1.08	0.25	2.29	2.66	2.75	3.05	3.11	3.47	3.80	5.18	5.21	9.40	4.65	7.53	5.32	2.87	2.28	2.80
	0.00	0.00	-0.83	0.00	-2.75	-13.68	-10.95	-20.44	-2.11	0.00	0.23	0.00	0.90	0.00	0.06	0.18	-2.70	-1.90	0.00	0.00	0.00	-0.73	-7.02	-3.41
GENESE	19.48	17.50	14.89	17.18	16.16	9.19	11.47	4.26	21.45	25.18	25.07	27.82	26.94	31.39	31.30	41.23	40.96	72.63	37.09	64.41	45.39	23.63	17.97	23.06
61753	0.27	0.14	0.17	0.21	0.22	0.21	0.28	0.06	0.61	0.98	1.07	1.36	1.36	1.68	1.82	2.65	2.11	3.85	1.52	2.90	1.82	0.76	0.60	0.64
	0.00	0.00	-0.09	0.00	-0.27	-1.37	-1.09	-2.04	-0.21	0.00	0.24	0.00	0.94	0.00	1.35	2.72	1.15	3.35	0.00	0.00	0.00	0.39	0.88	-0.09
H Q	18.46	16.76	14.11	16.37	15.10	7.39	10.37	1.80	19.94	23.35	14.11	26.26	-9.90	28.71	27.56	32.72	38.61	39.67	34.54	59.35	42.11	22.44	17.60	20.70
61844	-0.75	-0.60	-0.52	-0.60	-0.57	-0.21	-0.30	-0.08	-0.70	-0.85	-0.84	-0.90	-0.94	-1.00	-1.08	-1.47	-1.40	-2.58	-1.24	-2.15	-1.46	-0.82	-0.66	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.27	0.00	0.00	9.29	-0.70	35.48	0.00	2.18	7.11	0.00	29.88	-0.20	0.00	0.00	0.00	0.00	0.85
HUD VL	20.89	18.76	16.58	18.22	19.58	21.84	21.93	22.61	24.81	26.61	26.48	29.20	28.42	32.84	34.19	45.83	47.18	82.37	39.84	68.47	48.45	26.59	27.25	28.24
61758	1.68	1.39	1.13	1.25	1.19	0.70	1.00	0.23	2.08	2.41	2.48	2.74	2.81	3.13	3.42	4.71	4.76	8.63	4.27	6.96	4.89	2.61	2.06	2.53
	0.00	0.00	-0.81	0.00	-2.72	-13.54	-10.84	-20.23	-2.09	0.00	0.24	0.00	0.90	0.00	0.06	0.18	-2.41	-1.61	0.00	0.00	0.00	-0.72	-6.93	-3.37
LONGIL	21.51	19.31	17.09	18.76	20.25	22.22	22.38	22.92	25.43	27.25	27.11	29.75	28.99	33.53	34.93	46.54	48.21	84.18	40.55	69.52	49.44	31.08	32.72	30.98
61762	2.30	1.95	1.63	1.80	1.83	0.93	1.33	0.30	2.67	3.05	3.10	3.29	3.37	3.82	4.16	5.41	5.50	10.14	4.98	8.01	5.88	3.20	2.56	3.26
	0.00	0.00	-0.83	0.00	-2.75	-13.69	-10.96	-20.46	-2.11	0.00	0.23	0.00	0.90	0.00	0.06	0.18	-2.70	-1.91	0.00	0.00	0.00	-4.62	-11.91	-5.38
MHK VL	20.37	18.50	15.71	18.03	16.34	9.80	12.15	4.74	22.58	26.30	24.31	27.73	21.76	31.09	31.90	42.05	41.92	70.65	37.18	64.44	45.79	24.41	19.78	23.61
61756	0.37	0.31	0.25	0.32	0.37	0.24	0.34	0.10	0.88	1.13	1.14	1.27	1.27	1.38	1.44	1.92	1.76	3.32	1.61	2.93	2.22	1.07	0.79	0.90
	-0.78	-0.83	-0.84	-0.75	-0.30	-1.95	-1.71	-2.48	-1.06	-0.97	1.07	0.00	6.03	0.00	0.36	1.18	-0.15	4.81	0.00	0.00	0.00	-0.08	-0.74	-0.36
MILLWD	21.01	18.85	16.67	18.29	19.69	22.12	22.18	23.01	24.96	26.74	26.63	29.38	28.59	33.03	34.41	46.11	47.71	83.10	40.09	68.85	48.74	26.77	27.53	28.47
61759	1.80	1.48	1.20	1.32	1.26	0.73	1.04	0.24	2.20	2.54	2.63	2.92	2.98	3.32	3.64	4.99	5.03	9.09	4.52	7.34	5.17	2.77	2.20	2.70
	0.00	0.00	-0.83	0.00	-2.77	-13.79	-11.04	-20.61	-2.13	0.00	0.24	0.00	0.91	0.00	0.06	0.18	-2.67	-1.87	0.00	0.00	0.00	-0.74	-7.07	-3.44
N.Y.C.	21.33	19.12	16.88	18.52	19.90	22.12	22.24	22.89	25.25	27.11	27.01	29.82	28.99	33.69	34.88	53.97	49.90	84.06	40.88	72.66	50.58	30.01	29.75	30.64
61761	2.11	1.76	1.42	1.56	1.48	0.83	1.19	0.28	2.50	2.91	3.00	3.36	3.37	3.77	4.11	5.54	5.57	10.02	4.97	7.99	5.71	3.14	2.52	3.06
	0.00	0.00	-0.83	0.00	-2.75	-13.69	-10.96	-20.45	-2.11	0.00	0.23	0.00	0.90	-0.21	0.06	-7.12	-4.32	-1.91	-0.33	-3.16	-1.30	-3.60	-8.98	-5.25
NORTH	13.61	11.93	10.03	12.23	14.82	4.42	6.30	-0.45	14.68	17.26	11.97	25.33	-4.61	28.46	27.53	33.56	38.11	43.54	33.99	58.97	42.12	22.37	17.34	21.37
61755	-1.14	-0.92	-0.79	-0.91	-0.77	-0.30	-0.43	-0.11	-0.97	-1.13	-1.09	-1.13	-1.15	-1.24	-1.45	-1.73	-1.90	-3.36	-1.59	-2.54	-1.45	-0.87	-0.72	-0.87
	4.46	4.52	3.80	3.83	0.08	2.88	3.37	2.50	5.00	5.82	11.18	0.00	29.97	0.00	1.84	6.01	0.00	25.24	0.00	0.00	0.00	0.02	0.19	0.09
NPX	21.74	23.70	20.51	21.17	21.30	23.76	24.16	26.01	24.92	26.23	26.04	29.25	27.62	31.97	33.05	43.98	38.04	75.98	39.79	66.71	47.20	26.13	28.03	26.84
61845	1.59	1.39	1.16	1.29	1.18	0.63	0.85	0.19	1.81	2.03	2.09	2.16	2.21	2.26	2.30	2.89	2.97	5.36	3.00	5.13	3.63	2.01	1.56	2.02
	-0.94	-4.95	-4.72	-2.92	-4.46	-15.52	-13.22	-23.66	-2.47	0.00	0.29	-0.64	1.10	0.00	0.07	0.22	4.95	1.51	-1.21	-0.07	0.00	-0.86	-8.21	-2.48

OH 61846	19.21	17.24	14.76	17.05	16.13	9.62	11.75	4.84	21.10	24.72	24.55	27.30	26.35	30.74	30.51	33.44	32.42	60.69	35.96	62.71	44.14	22.98	18.01	22.90
	0.00	-0.12	0.01	0.08	0.09	0.13	0.15	0.03	0.17	0.52	0.55	0.84	0.75	1.03	1.16	1.84	1.05	1.93	0.38	1.20	0.57	0.03	0.21	0.32
	0.00	0.00	-0.12	0.00	-0.38	-1.88	-1.51	-2.66	-0.29	0.00	0.24	0.00	0.92	0.00	1.48	9.71	8.63	13.37	0.00	0.00	0.00	0.31	0.46	-0.24
PJM 61847	20.17	18.09	15.75	17.73	17.94	15.71	19.24	10.63	23.03	25.76	25.58	29.02	27.42	31.86	36.86	59.86	58.80	98.73	38.19	65.68	46.35	25.98	26.64	25.51
	0.96	0.73	0.65	0.77	0.73	0.43	0.62	0.14	1.21	1.56	1.58	1.86	1.81	2.15	2.41	3.50	3.10	5.57	2.41	4.17	2.78	1.37	1.23	1.60
	0.00	0.00	-0.47	0.00	-1.54	-7.67	-8.52	-8.33	-1.18	0.00	0.24	-0.70	0.91	0.00	-3.63	-15.06	-15.69	-21.02	-0.20	0.00	0.00	-1.35	-7.15	-1.58
WEST 61752	19.59	17.57	15.04	17.40	16.45	9.74	11.95	4.98	21.69	25.48	25.32	28.17	27.19	31.69	53.19	125.77	116.57	183.97	37.02	64.58	45.44	30.06	40.60	27.01
	0.38	0.20	0.29	0.43	0.42	0.31	0.39	0.09	0.76	1.28	1.32	1.71	1.59	1.99	2.18	3.26	2.37	4.30	1.45	3.07	1.88	0.70	0.75	0.91
	0.00	0.00	-0.12	0.00	-0.37	-1.82	-1.46	-2.73	-0.28	0.00	0.24	0.00	0.92	0.00	-20.18	-81.20	-74.20	-107.54	0.00	0.00	-0.01	-6.10	-21.60	-3.76