

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/15/2018

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	26.01	25.17	30.76	24.94	18.15	21.26	37.82	38.65	41.10	44.75	42.65	43.86	38.52	37.95	35.11	42.73	50.21	41.62	36.07	39.76	55.68	34.35	27.07	41.55
61757	0.90	0.00	0.05	1.19	0.73	1.08	1.90	2.01	2.22	1.77	1.76	1.45	1.92	2.06	1.23	1.00	2.14	2.15	1.72	2.10	2.87	1.67	0.86	-0.01
	-6.94	-25.15	-29.75	-0.43	-3.08	0.00	0.00	0.00	0.00	-12.56	-10.86	-18.13	-3.25	0.00	-11.15	-22.83	-8.47	0.00	-3.17	0.00	0.00	-0.22	-8.42	-41.91
CENTRL	19.10	3.32	4.84	23.36	14.74	20.18	36.16	37.25	39.33	32.02	31.48	26.59	33.82	35.90	24.10	21.71	40.63	39.54	31.94	38.34	53.08	32.52	18.85	5.10
61754	0.02	0.00	0.00	-0.01	-0.01	0.00	0.16	0.11	0.18	0.04	0.11	0.07	0.06	0.01	-0.02	-0.03	-0.02	0.08	0.04	0.18	0.27	0.03	-0.04	-0.02
	-0.91	-3.29	-3.89	-0.06	-0.40	0.00	-0.07	-0.48	-0.26	-1.56	-1.34	-2.24	-0.40	0.00	-1.39	-2.83	-1.05	0.00	-0.71	-0.50	0.00	-0.03	-1.10	-5.47
DUNWOD	24.27	18.91	23.33	24.53	17.24	21.28	38.12	39.13	41.57	41.98	40.31	39.60	38.34	38.76	32.92	37.45	49.11	42.64	36.12	40.71	56.92	35.05	25.36	30.86
61760	0.88	0.00	0.04	0.88	0.58	1.10	2.21	2.48	2.69	2.17	2.15	1.76	2.56	2.87	1.86	1.53	3.20	3.18	2.58	3.05	4.10	2.42	1.30	0.02
	-5.21	-18.88	-22.33	-0.33	-2.31	0.00	0.00	0.00	0.00	-9.38	-8.13	-13.56	-2.43	0.00	-8.32	-17.02	-6.31	0.00	-2.36	0.00	0.00	-0.17	-6.27	-31.20
GENESE	18.46	2.47	3.82	22.83	14.33	19.84	35.43	35.71	38.06	30.74	30.26	25.23	32.69	34.77	22.95	20.31	39.09	38.29	30.54	36.83	51.69	31.55	18.00	3.64
61753	-0.39	0.00	-0.02	-0.53	-0.32	-0.34	-0.48	-0.94	-0.82	-0.81	-0.76	-0.70	-0.95	-1.12	-0.79	-0.65	-1.27	-1.17	-0.94	-0.83	-1.13	-0.93	-0.60	-0.07
	-0.67	-2.45	-2.89	-0.04	-0.30	0.00	0.00	0.00	0.00	-1.14	-0.99	-1.66	-0.29	0.00	-1.01	-2.05	-0.76	0.00	-0.31	0.00	0.00	-0.02	-0.82	-4.06
H Q	18.16	0.02	0.95	23.32	14.35	18.95	35.91	36.65	38.89	30.42	30.03	24.27	33.35	35.89	22.73	18.90	39.60	39.46	31.18	37.66	52.81	32.46	17.79	-0.36
61844	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	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	24.21	18.80	23.19	24.54	17.23	21.27	38.07	39.05	41.46	41.84	40.18	39.42	38.18	38.54	32.74	37.29	48.87	42.42	35.95	40.51	56.66	34.86	25.23	30.81
61758	0.86	0.00	0.04	0.89	0.58	1.09	2.16	2.40	2.58	2.07	2.07	1.67	2.41	2.65	1.71	1.40	2.97	2.96	2.41	2.86	3.85	2.24	1.18	0.02
	-5.18	-18.78	-22.20	-0.32	-2.30	0.00	0.00	0.00	0.00	-9.34	-8.07	-13.47	-2.42	0.00	-8.30	-16.99	-6.30	0.00	-2.35	0.00	0.00	-0.17	-6.26	-31.15
LONGIL	24.70	21.85	23.34	25.00	17.55	21.76	41.25	40.11	43.52	53.62	45.70	49.00	49.90	50.77	50.01	47.65	58.49	46.54	71.15	63.99	88.05	58.72	39.46	36.36
61762	1.32	0.00	0.05	1.35	0.89	1.58	3.27	3.47	3.90	3.12	3.00	2.43	3.48	3.85	2.47	2.01	4.27	4.21	3.42	4.13	5.57	3.31	1.84	0.03
	-5.21	-21.83	-22.34	-0.33	-2.31	0.00	-2.06	0.00	-0.73	-20.08	-12.66	-22.30	-13.06	-11.03	-24.81	-26.74	-14.63	-2.87	-36.54	-22.21	-29.67	-22.95	-19.84	-36.69
MHK VL	19.34	3.35	4.97	23.71	14.95	20.52	36.76	37.97	39.90	32.66	31.99	27.01	34.40	36.58	24.50	21.26	38.76	33.77	26.49	32.21	46.09	26.91	14.34	2.53
61756	0.26	0.00	0.01	0.33	0.18	0.34	0.79	0.96	0.82	0.65	0.59	0.46	0.64	0.69	0.36	0.26	0.65	0.64	0.58	0.63	0.81	0.34	0.09	-0.02
	-0.92	-3.33	-4.00	-0.06	-0.41	0.00	-0.06	-0.35	-0.19	-1.58	-1.37	-2.28	-0.41	0.00	-1.41	-2.10	1.49	6.33	5.27	6.08	7.53	5.89	3.53	-2.91
MILLWD	24.29	19.05	23.49	24.52	17.25	21.26	38.12	39.15	41.58	42.07	40.41	39.74	38.36	38.70	32.94	37.58	49.07	42.59	36.11	40.67	56.88	35.00	25.38	31.16
61759	0.87	0.00	0.03	0.87	0.57	1.08	2.20	2.50	2.70	2.18	2.18	1.77	2.55	2.81	1.81	1.50	3.11	3.13	2.55	3.01	4.07	2.37	1.26	0.02
	-5.25	-19.03	-22.50	-0.33	-2.33	0.00	0.00	0.00	0.00	-9.47	-8.20	-13.69	-2.45	0.00	-8.39	-17.18	-6.37	0.00	-2.38	0.00	0.00	-0.17	-6.33	-31.49
N.Y.C.	24.39	18.90	23.32	24.66	17.33	21.42	38.39	39.46	41.94	42.27	40.57	39.65	38.54	39.07	33.11	37.69	49.59	43.10	36.78	41.57	58.24	35.39	25.56	30.87
61761	1.01	0.00	0.04	1.01	0.67	1.24	2.48	2.81	3.06	2.48	2.42	1.99	2.93	3.26	2.14	1.76	3.68	3.64	2.92	3.45	4.64	2.77	1.50	0.03
	-5.21	-18.88	-22.33	-0.33	-2.31	0.00	0.00	0.00	0.00	-9.38	-8.12	-13.39	-2.26	0.08	-8.23	-17.02	-6.31	0.00	-2.68	-0.46	-0.79	-0.17	-6.27	-31.20
NORTH	16.93	-1.01	-0.31	22.28	13.43	19.08	33.60	34.61	35.29	27.21	26.24	20.96	29.64	31.90	19.53	3.83	-47.25	-16.26	-17.30	-15.02	-14.17	-17.43	-19.95	-19.84
61755	-0.95	-0.01	-0.06	-1.02	-0.80	-1.09	-2.35	-2.24	-3.70	-2.70	-3.34	-2.56	-3.58	-4.00	-2.76	-2.78	-5.14	-5.76	-4.29	-5.48	-7.72	-4.83	-2.83	-0.15
	0.28	1.02	1.21	0.02	0.12	0.00	-0.03	-0.20	-0.11	0.51	0.46	0.76	0.13	0.00	0.45	12.29	81.71	49.96	44.19	47.20	59.26	45.06	34.91	19.34
NPX	25.83	21.69	27.32	24.74	17.45	20.85	37.94	42.75	45.78	49.87	45.67	53.88	49.57	52.40	55.38	58.31	54.01	53.01	55.36	61.50	78.90	42.57	25.50	36.66
61845	0.91	0.00	0.04	1.03	0.67	1.11	2.02	2.19	2.40	1.91	1.89	1.56	2.20	2.40	1.52	1.25	2.64	2.61	2.07	2.48	3.44	2.02	1.06	0.01
	-6.76	-21.66	-26.33	-0.38	-2.44	0.44	0.00	-3.92	-4.49	-17.53	-13.76	-28.04	-14.02	-14.11	-31.13	-38.16	-11.77	-10.93	-22.11	-21.36	-22.65	-8.09	-6.65	-37.01

OH 61846	18.31	3.31	4.80	22.36	14.12	19.37	5.79	34.45	36.78	29.99	29.49	24.85	31.53	33.39	22.37	20.22	37.80	36.79	28.37	33.83	49.88	30.39	17.66	5.01
	-0.77	0.00	-0.04	-1.02	-0.62	-0.81	-1.41	-2.20	-2.11	-1.95	-1.88	-1.65	-2.21	-2.50	-1.71	-1.43	-2.82	-2.67	-2.25	-2.20	-2.93	-2.11	-1.22	-0.09
	-0.91	-3.29	-3.89	-0.06	-0.40	0.00	28.71	0.00	0.00	-1.53	-1.34	-2.23	-0.39	0.00	-1.34	-2.75	-1.02	0.00	0.56	1.62	0.00	-0.03	-1.10	-5.45
PJM 61847	21.36	11.05	13.99	23.54	15.73	19.17	34.57	24.00	26.17	36.24	28.49	19.06	21.88	29.78	5.82	15.63	43.83	40.14	33.16	39.01	53.95	33.03	21.67	17.91
	0.15	0.00	0.00	0.03	0.03	0.22	0.61	0.54	0.65	0.38	0.43	0.28	0.49	0.57	0.30	0.23	0.57	0.68	0.49	0.80	1.14	0.47	0.21	-0.01
	-3.04	-11.02	-13.04	-0.19	-1.35	1.23	1.96	13.19	13.36	-5.43	1.97	5.49	11.96	6.68	17.21	3.50	-3.66	0.00	-1.49	-0.55	0.00	-0.10	-3.68	-18.27
WEST 61752	18.50	3.20	4.68	22.61	14.27	19.67	35.26	35.26	37.68	30.64	30.17	25.37	32.28	34.18	22.81	20.55	38.60	37.62	33.07	41.40	51.09	31.03	17.95	4.87
	-0.54	0.00	-0.03	-0.77	-0.47	-0.51	-0.66	-1.39	-1.20	-1.26	-1.16	-1.07	-1.45	-1.71	-1.24	-1.03	-1.99	-1.84	-1.56	-1.33	-1.72	-1.46	-0.91	-0.11
	-0.88	-3.18	-3.76	-0.05	-0.39	0.00	0.00	0.00	0.00	-1.48	-1.30	-2.16	-0.38	0.00	-1.31	-2.68	-0.99	0.00	-3.45	-5.07	0.00	-0.03	-1.08	-5.34