

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/20/2019

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	67.34	31.60	28.45	51.65	37.74	37.20	68.38	202.80	97.26	72.08	38.28	48.60	50.13	62.02	41.37	51.39	58.63	138.24	86.02	49.93	35.48	36.14	26.13	28.98
61757	1.96	1.74	1.80	0.97	1.34	2.39	4.76	11.89	7.07	4.23	2.23	3.19	2.75	1.66	1.82	1.67	4.48	10.64	6.50	3.78	2.49	2.67	1.87	1.97
	-40.84	-7.26	-2.68	-37.63	-18.93	-3.58	0.00	0.00	0.00	-17.47	-9.63	-6.40	-14.09	-39.95	-17.04	-29.31	-0.12	0.00	-1.42	0.00	-2.63	0.00	0.00	-0.92
CENTRL	29.76	23.61	24.48	17.81	19.95	31.94	63.88	191.54	90.29	52.61	27.62	39.73	35.08	25.26	24.57	23.80	54.10	128.05	74.39	45.28	30.03	32.61	24.23	26.13
61754	0.17	0.12	0.19	0.12	0.15	0.27	0.26	0.63	0.10	0.08	0.05	-0.03	0.07	0.03	-0.02	-0.06	0.07	0.64	0.03	-0.08	-0.05	-0.08	-0.03	-0.08
	-5.04	-0.90	-0.33	-4.64	-2.33	-0.44	0.00	0.00	0.00	-2.14	-1.14	-0.75	-1.72	-4.81	-2.08	-3.44	0.00	0.18	3.73	0.79	0.30	0.77	0.00	-0.11
DUNWOD	56.93	30.17	28.28	41.83	33.06	36.97	69.29	205.70	98.53	68.44	38.02	49.33	47.74	57.13	37.25	52.69	60.40	140.16	86.99	50.79	35.42	36.77	26.68	29.31
61760	2.52	2.26	2.36	1.25	1.74	3.12	5.67	14.79	8.34	5.29	2.60	3.96	3.33	2.10	2.28	2.06	5.49	12.60	7.85	4.64	3.12	3.31	2.43	2.54
	-29.86	-5.31	-1.96	-27.52	-13.84	-2.62	0.00	0.00	0.00	-12.77	-8.99	-6.36	-11.12	-34.61	-12.45	-30.20	-0.88	0.03	-1.04	0.00	-1.93	0.00	0.00	-0.68
GENESE	27.59	22.79	23.82	16.08	18.77	30.88	61.74	184.95	87.05	49.95	26.27	37.90	33.29	23.06	23.08	22.02	52.20	123.92	72.60	43.72	28.89	31.53	23.33	25.21
61753	-0.44	-0.43	-0.38	-0.17	-0.32	-0.65	-1.88	-5.96	-3.14	-1.91	-0.95	-1.64	-1.19	-0.70	-0.88	-0.79	-1.83	-3.56	-3.12	-1.93	-1.30	-1.44	-0.92	-0.96
	-3.48	-0.62	-0.23	-3.21	-1.61	-0.30	0.00	0.00	0.00	-1.49	-0.79	-0.52	-1.20	-3.35	-1.46	-2.39	0.00	0.11	2.38	0.50	0.17	0.49	0.00	-0.08
H Q	23.86	22.01	23.33	12.69	17.00	27.68	62.47	189.42	88.66	49.21	25.84	38.15	32.17	19.93	22.00	19.96	52.84	124.87	76.42	45.19	29.70	32.78	23.75	25.54
61844	-0.69	-0.60	-0.63	-0.36	-0.48	-0.82	-1.15	-1.49	-1.53	-1.17	-0.59	-0.86	-0.76	-0.48	-0.51	-0.46	-1.19	-2.73	-1.68	-0.95	-0.67	-0.69	-0.51	-0.56
	0.00	0.00	0.00	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	56.58	29.97	28.09	41.64	32.88	36.71	68.85	204.38	97.70	67.82	35.56	46.97	46.41	50.79	36.94	42.62	58.87	138.79	86.23	50.34	35.11	36.45	26.44	29.05
61758	2.30	2.08	2.17	1.16	1.61	2.87	5.24	13.47	7.51	4.71	2.33	3.48	2.94	1.83	2.01	1.81	4.83	11.20	7.09	4.19	2.82	2.98	2.19	2.28
	-29.73	-5.29	-1.96	-27.44	-13.80	-2.61	0.00	0.00	0.00	-12.73	-6.79	-4.48	-10.19	-28.54	-12.42	-20.39	0.00	0.00	-1.04	0.00	-1.93	0.00	0.00	-0.67
LONGIL	172.11	114.35	114.51	117.39	114.85	107.15	135.27	222.65	187.33	139.86	123.23	127.01	120.72	87.32	94.10	133.97	167.31	234.32	172.96	205.30	168.54	161.26	81.60	38.35
61762	3.61	3.28	3.49	1.87	2.59	4.59	8.38	20.19	11.83	7.44	3.70	5.37	4.48	2.87	3.14	2.81	7.52	16.71	10.81	6.28	4.23	4.52	3.39	3.54
	-143.95	-88.46	-87.06	-102.47	-94.79	-71.33	-63.27	-11.54	-85.31	-82.04	-93.09	-82.62	-82.95	-64.04	-68.45	-110.74	-105.76	-90.01	-84.05	-152.87	-133.94	-123.27	-53.95	-8.71
MHK VL	31.16	24.45	25.24	18.86	20.81	32.99	66.28	199.39	94.13	54.97	28.75	41.47	36.55	26.15	25.63	24.41	56.17	133.16	80.69	47.91	31.86	34.67	25.28	27.25
61756	0.93	0.83	0.90	0.50	0.67	1.26	2.66	8.48	3.94	2.21	1.17	1.73	1.44	0.84	0.86	0.74	2.18	5.61	3.35	1.96	1.30	1.40	1.02	1.03
	-5.68	-1.01	-0.38	-5.32	-2.67	-0.50	0.00	0.00	0.00	-2.38	-1.15	-0.73	-1.81	-4.89	-2.26	-3.24	0.04	0.04	0.77	0.19	-0.20	0.19	0.00	-0.12
MILLWD	57.41	30.27	28.34	42.27	33.30	37.06	69.48	206.15	98.61	68.61	36.87	48.29	47.34	54.03	37.41	47.31	59.88	140.31	87.16	50.89	35.50	36.83	26.71	29.34
61759	2.54	2.28	2.38	1.27	1.77	3.17	5.87	15.24	8.42	5.27	2.60	3.93	3.30	2.07	2.26	2.04	5.48	12.72	8.00	4.74	3.17	3.36	2.45	2.56
	-30.32	-5.39	-1.99	-27.95	-14.06	-2.66	0.00	0.00	0.00	-12.97	-7.84	-5.35	-10.75	-31.56	-12.64	-24.85	-0.36	0.00	-1.06	0.00	-1.96	0.00	0.00	-0.69
N.Y.C.	63.03	37.64	29.62	41.89	33.17	37.18	69.65	206.90	99.27	68.90	38.24	49.67	48.05	57.29	37.47	52.81	60.87	141.00	87.60	51.23	35.72	37.11	26.92	29.55
61761	2.70	2.45	2.53	1.33	1.86	3.33	6.03	15.99	9.08	5.76	2.83	4.31	3.65	2.31	2.51	2.26	5.96	13.44	8.46	5.08	3.42	3.64	2.66	2.78
	-35.78	-12.59	-3.13	-27.52	-13.84	-2.62	0.00	0.00	0.00	-12.76	-8.98	-6.35	-11.11	-34.56	-12.45	-30.13	-0.87	0.03	-1.04	0.00	-1.93	0.00	0.00	-0.68
NORTH	23.75	21.97	23.34	12.75	17.09	30.61	63.14	192.57	89.98	49.77	26.25	38.83	33.12	20.25	22.29	20.21	53.62	126.86	77.50	45.90	30.20	33.34	24.21	26.01
61755	-0.80	-0.63	-0.62	-0.30	-0.38	-0.62	-0.48	1.65	-0.21	-0.61	-0.18	-0.19	-0.17	-0.16	-0.21	-0.21	-0.41	-0.74	-0.59	-0.25	-0.17	-0.13	-0.04	-0.08
	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
NPX	84.10	58.85	65.97	78.80	70.83	87.54	94.02	192.12	150.06	102.65	59.51	64.04	68.81	73.28	57.76	62.31	94.18	169.82	120.23	92.34	87.55	71.35	56.88	63.75
61845	2.08	1.87	1.95	1.05	1.43	2.51	4.49	10.34	6.38	4.01	2.04	3.08	2.66	1.64	1.81	1.63	4.18	9.54	6.04	3.55	2.41	2.62	1.90	2.02
	-57.47	-34.38	-40.05	-64.70	-51.93	-53.80	-25.91	9.13	-53.49	-48.26	-31.04	-21.94	-32.86	-51.23	-33.44	-40.26	-35.97	-32.69	-36.09	-42.64	-54.77	-35.27	-30.72	-35.63

OH 61846	32.69	22.06	23.06	16.39	18.51	29.70	58.50	174.65	81.88	44.90	24.83	35.71	31.83	22.77	22.21	21.42	49.17	115.15	36.27	34.50	22.19	23.36	21.96	23.77
	-1.45	-1.31	-1.19	-0.61	-0.95	-1.90	-5.12	-16.26	-8.31	-4.93	-2.50	-3.93	-2.93	-1.75	-2.07	-1.91	-4.86	-10.85	-7.91	-4.82	-3.18	-3.50	-2.30	-2.41
	-9.59	-0.76	-0.28	-3.95	-1.99	-0.37	0.00	0.00	0.00	0.54	-0.90	-0.62	-1.47	-4.10	-1.78	-2.91	0.00	1.60	33.91	6.82	5.00	6.60	0.00	-0.09
PJM 61847	43.54	26.80	25.85	29.96	26.26	30.82	64.17	190.87	90.34	58.39	28.27	27.27	38.87	34.48	30.14	27.36	53.86	127.94	62.61	43.54	29.59	30.96	24.42	26.62
	0.58	0.49	0.62	0.32	0.44	0.75	0.55	-0.04	0.15	0.32	0.09	0.10	0.30	0.19	0.14	0.06	0.32	0.96	0.26	0.03	0.10	0.05	0.16	0.12
	-18.41	-3.71	-1.26	-16.59	-8.34	1.15	0.00	0.00	0.00	-7.69	-1.75	11.84	-5.27	-13.88	-7.49	-6.88	0.49	0.62	15.75	2.64	0.88	2.55	0.00	-0.40
WEST 61752	27.90	22.52	23.54	16.65	18.85	30.32	59.77	178.65	83.77	48.35	25.42	36.51	32.55	23.24	22.68	21.82	50.22	118.09	42.27	36.27	23.45	24.85	22.41	24.21
	-0.96	-0.85	-0.70	-0.36	-0.61	-1.29	-3.85	-12.26	-6.42	-3.87	-1.93	-3.14	-2.22	-1.34	-1.63	-1.55	-3.81	-8.12	-6.36	-3.94	-2.62	-2.87	-1.84	-1.98
	-4.31	-0.77	-0.28	-3.97	-2.00	-0.38	0.00	0.00	0.00	-1.84	-0.92	-0.63	-1.49	-4.16	-1.81	-2.95	0.00	1.39	29.47	5.93	4.30	5.74	0.00	-0.09