

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/22/2017

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	28.31	24.50	29.80	25.12	21.96	25.91	27.10	27.47	26.55	30.31	32.33	29.30	17.40	25.56	14.35	12.40	29.64	38.64	42.55	105.17	48.44	47.85	36.76	36.11
61757	0.17	0.00	0.13	0.00	0.97	-0.67	-2.46	0.34	0.12	0.82	-0.10	0.74	1.17	1.33	-2.16	0.83	-2.05	-2.36	1.09	5.93	2.76	1.27	1.43	2.45
	-25.40	-24.45	-27.78	-25.08	-7.37	-35.55	-61.41	-22.91	-24.82	-18.73	-33.40	-18.66	0.00	-5.68	-46.57	0.00	-58.60	-71.54	-27.61	-27.41	-11.45	-30.42	-17.67	-1.88
CENTRL	6.14	3.27	5.62	3.35	14.95	18.11	21.39	24.58	23.57	27.60	28.50	26.59	16.61	23.96	10.45	11.77	13.63	16.31	29.78	77.95	36.34	30.26	30.12	32.54
61754	0.05	0.00	0.05	0.00	0.36	-0.26	-0.85	0.08	0.07	0.34	0.04	0.25	0.38	0.41	-0.54	0.20	-0.32	-0.33	0.21	1.21	0.58	0.21	0.22	0.51
	-3.35	-3.23	-3.67	-3.31	-0.97	-27.34	-54.09	-20.27	-21.88	-16.50	-29.44	-16.45	0.00	-5.01	-41.05	0.00	-40.87	-47.19	-15.70	-4.90	-1.52	-13.89	-12.24	-0.25
DUNWOD	23.99	20.27	25.03	20.78	20.96	24.81	26.24	27.60	26.59	30.67	32.34	29.64	18.00	26.32	13.07	12.92	26.14	33.84	41.02	102.81	47.41	45.34	36.38	36.42
61760	0.25	0.00	0.16	0.00	1.25	-0.88	-3.37	0.46	0.13	1.16	-0.12	1.06	1.77	2.09	-3.49	1.35	-3.08	-3.52	1.54	8.04	3.72	1.75	1.81	3.09
	-21.00	-20.22	-22.97	-20.74	-6.09	-34.66	-61.46	-22.93	-24.84	-18.74	-33.43	-18.67	0.00	-5.69	-46.62	0.00	-56.14	-67.91	-25.62	-22.92	-9.45	-27.42	-16.90	-1.56
GENESE	5.39	2.60	4.83	2.67	14.58	18.16	22.27	24.51	23.65	27.52	28.68	26.51	16.32	23.72	11.22	11.49	14.05	16.69	29.17	75.35	35.21	29.42	29.54	31.84
61753	-0.01	0.00	0.02	0.00	0.18	-0.17	-0.15	-0.01	0.10	0.21	0.14	0.12	0.09	0.16	0.13	-0.08	0.41	0.53	-0.11	-0.67	-0.23	-0.19	-0.27	-0.14
	-2.66	-2.56	-2.91	-2.63	-0.77	-27.30	-54.27	-20.30	-21.93	-16.55	-29.52	-16.48	0.00	-5.02	-41.15	0.00	-40.56	-46.71	-15.43	-4.19	-1.20	-13.44	-12.15	-0.20
H Q	2.66	0.04	1.84	0.04	13.20	-5.54	-24.61	6.21	4.17	12.40	2.53	11.56	15.76	18.61	-24.35	11.24	-21.59	-24.50	15.20	70.23	33.39	17.14	18.59	30.92
61844	-0.07	0.00	-0.05	0.00	-0.42	0.27	0.91	-0.10	-0.03	-0.31	0.02	-0.29	-0.47	-0.53	0.84	-0.32	0.70	0.78	-0.34	-1.79	-0.84	-0.40	-0.45	-0.85
	0.00	0.00	0.00	0.00	0.00	-3.16	-6.33	-2.09	-2.59	-1.95	-3.48	-1.95	0.00	-0.59	-4.87	0.00	-4.62	-5.27	-1.68	-0.18	0.00	-1.38	-1.38	0.00
HUD VL	23.98	20.27	25.03	20.78	20.93	24.82	26.29	27.60	26.59	30.63	32.34	29.60	17.92	26.20	13.27	12.83	26.29	34.00	40.95	102.59	47.33	45.27	36.32	36.34
61758	0.24	0.01	0.16	0.00	1.22	-0.87	-3.31	0.45	0.14	1.13	-0.11	1.04	1.69	1.98	-3.27	1.27	-2.91	-3.34	1.48	7.83	3.65	1.69	1.76	3.01
	-20.99	-20.22	-22.97	-20.73	-6.09	-34.65	-61.45	-22.92	-24.84	-18.74	-33.43	-18.67	0.00	-5.69	-46.61	0.00	-56.12	-67.88	-25.61	-22.92	-9.45	-27.42	-16.90	-1.56
LONGIL	24.06	20.27	25.11	20.78	21.52	24.39	25.29	27.66	26.58	30.73	32.34	29.83	18.26	26.80	12.33	12.93	25.65	33.12	41.19	103.79	47.82	45.68	36.86	37.50
61762	0.32	0.01	0.24	0.00	1.80	-1.30	-4.32	0.51	0.12	1.23	-0.13	1.25	2.03	2.56	-4.22	1.62	-3.57	-4.24	1.71	9.03	4.13	2.09	2.30	4.16
	-21.00	-20.22	-22.97	-20.74	-6.09	-34.66	-61.46	-22.93	-24.84	-18.74	-33.43	-18.67	0.00	-5.70	-46.62	0.25	-56.14	-67.91	-25.62	-22.92	-9.45	-27.42	-16.90	-1.56
MHK VL	6.67	3.82	6.30	3.96	15.16	18.16	21.16	25.39	23.48	27.73	28.50	26.82	16.90	24.33	9.98	12.02	13.28	16.02	30.44	80.69	37.62	31.22	30.72	33.25
61756	0.07	0.00	0.05	0.00	0.39	-0.33	-1.28	0.15	0.01	0.47	-0.03	0.42	0.67	0.75	-1.18	0.45	-1.04	-1.20	0.58	3.32	1.58	0.70	0.68	1.16
	-3.86	-3.78	-4.34	-3.92	-1.15	-27.46	-54.28	-21.02	-21.85	-16.50	-29.49	-16.50	0.00	-5.03	-41.23	0.00	-41.24	-47.76	-15.99	-5.53	-1.80	-14.35	-12.38	-0.31
MILLWD	24.10	20.37	25.14	20.88	21.00	24.81	26.16	27.63	26.60	30.70	32.34	29.66	18.02	26.34	13.06	12.92	26.17	33.90	41.11	103.24	47.63	45.49	36.46	36.53
61759	0.26	0.01	0.16	0.00	1.26	-0.90	-3.45	0.48	0.14	1.19	-0.12	1.08	1.79	2.10	-3.50	1.36	-3.11	-3.56	1.58	8.35	3.89	1.82	1.87	3.19
	-21.11	-20.32	-23.08	-20.83	-6.12	-34.68	-61.46	-22.93	-24.84	-18.74	-33.43	-18.67	0.00	-5.69	-46.62	0.00	-56.20	-68.00	-25.67	-23.05	-9.51	-27.51	-16.93	-1.57
N.Y.C.	24.02	20.27	25.04	20.78	21.02	24.79	26.08	27.64	26.59	30.75	32.34	29.72	18.17	26.53	12.71	16.67	25.85	33.53	41.16	103.40	47.72	45.48	36.51	36.63
61761	0.28	0.01	0.17	0.01	1.30	-0.90	-3.53	0.49	0.13	1.25	-0.12	1.15	1.94	2.30	-3.84	1.49	-3.37	-3.83	1.68	8.64	4.03	1.89	1.95	3.30
	-21.00	-20.22	-22.97	-20.73	-6.09	-34.65	-61.46	-22.93	-24.84	-18.74	-33.43	-18.67	0.00	-5.69	-46.62	-3.61	-56.14	-67.91	-25.62	-22.92	-9.45	-27.42	-16.90	-1.56
NORTH	2.62	0.04	1.80	0.04	12.86	-1.85	-17.08	8.66	7.01	14.37	6.38	13.43	15.43	18.87	-18.71	11.02	-16.46	-18.75	16.88	70.04	33.16	18.44	19.88	30.60
61755	-0.11	0.00	-0.10	0.00	-0.77	0.45	1.35	-0.19	-0.07	-0.51	0.01	-0.48	-0.80	-0.90	1.34	-0.54	0.93	0.95	-0.46	-2.17	-1.07	-0.57	-0.62	-1.18
	0.00	0.00	0.00	0.00	0.00	-6.67	-13.42	-4.63	-5.47	-4.12	-7.34	-4.01	0.00	-1.22	-10.01	0.00	-9.53	-10.85	-3.47	-0.36	0.00	-2.84	-2.85	0.00
NPX	26.18	22.48	27.52	23.05	21.22	25.60	27.02	27.52	26.58	30.36	32.12	29.36	17.48	25.67	14.21	12.48	28.43	36.53	42.55	103.30	47.44	46.50	37.00	35.87
61845	0.19	0.00	0.14	0.00	1.05	-0.70	-2.53	0.36	0.10	0.85	-0.13	0.77	1.25	1.44	-2.37	0.91	-2.27	-2.58	1.15	6.21	2.86	1.35	1.56	2.58
	-23.25	-22.43	-25.48	-23.00	-6.55	-35.27	-61.40	-22.94	-24.86	-18.75	-33.21	-18.68	0.00	-5.69	-46.64	0.00	-57.62	-69.66	-27.53	-25.25	-10.34	-28.99	-17.79	-1.51

O H 61846	6.26	3.50	5.82	3.59	14.61	18.89	24.10	24.57	23.89	27.35	29.14	26.31	15.69	23.05	12.99	11.01	16.27	19.44	29.17	72.83	34.00	29.37	29.11	57.91
	-0.07	0.00	-0.01	0.00	-0.05	0.05	1.04	-0.18	0.09	-0.15	0.24	-0.27	-0.55	-0.58	1.42	-0.56	1.65	1.98	-0.71	-4.16	-1.85	-1.00	-0.99	-1.20
	-3.59	-3.46	-3.94	-3.55	-1.04	-27.81	-54.91	-20.53	-22.19	-16.74	-29.86	-16.68	0.00	-5.08	-41.64	0.00	-41.54	-48.01	-16.02	-5.15	-1.62	-14.21	-12.45	-27.33
PJM 61847	14.72	11.51	14.99	11.79	17.66	21.78	25.02	26.10	25.23	28.99	30.71	27.94	16.81	24.58	13.11	11.95	21.04	26.37	34.89	87.47	40.70	37.02	32.64	33.45
	0.10	0.00	0.07	0.00	0.58	-0.41	-1.32	0.16	0.09	0.49	0.03	0.36	0.58	0.65	-0.96	0.38	-0.66	-0.72	0.39	2.00	0.92	0.31	0.37	0.78
	-11.89	-11.46	-13.01	-11.75	-3.45	-31.15	-58.19	-21.73	-23.52	-17.74	-31.65	-17.68	0.00	-5.39	-44.13	0.00	-48.62	-57.63	-20.64	-13.63	-5.55	-20.55	-14.61	-0.88
WEST 61752	6.16	3.36	5.68	3.44	14.73	18.65	23.54	24.61	23.90	27.55	29.10	26.48	15.99	23.40	12.42	11.19	15.74	18.79	29.28	73.90	34.57	29.56	29.37	31.41
	-0.03	0.00	0.01	0.00	0.11	-0.11	0.57	-0.10	0.13	0.08	0.26	-0.07	-0.24	-0.22	0.92	-0.38	1.27	1.53	-0.50	-2.93	-1.22	-0.69	-0.69	-0.62
	-3.46	-3.31	-3.77	-3.40	-1.00	-27.73	-54.81	-20.50	-22.15	-16.71	-29.81	-16.65	0.00	-5.07	-41.57	0.00	-41.39	-47.80	-15.92	-4.99	-1.55	-14.09	-12.41	-0.26