

# Time Weighted/Integrated Real Time LBMP - Zonal

		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/23/2022						
Zonal Data																												
Name	PTID	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			
CAPITL	61757	47.59	72.81	69.95	65.16	56.75	106.27	137.20	316.85	99.18	55.75	67.17	64.62	69.57	78.35	85.98	80.44	115.65	106.01	94.32	79.32	78.30	89.46	89.23	92.41			
		1.93	1.27	1.17	0.91	1.10	0.73	0.10	11.04	0.53	1.60	0.93	2.66	2.00	1.63	0.93	0.96	-0.11	1.32	0.86	1.20	1.46	1.39	0.50	0.04			
		-0.90	-42.29	-41.42	-43.10	-30.14	-89.47	-135.13	-76.32	-87.82	-19.75	-47.01	-9.13	-26.97	-42.42	-64.82	-58.24	-118.07	-77.58	-75.31	-52.28	-45.81	-57.76	-77.95	-91.60			
CENTRL	61754	45.77	33.74	31.82	25.61	28.91	24.72	14.23	243.69	19.06	37.19	23.99	54.99	43.89	38.65	26.20	26.83	8.18	35.15	25.65	31.48	36.05	36.36	18.02	9.07			
		0.92	0.69	0.74	0.61	0.70	0.61	0.08	7.34	0.37	1.04	0.63	1.37	0.98	0.73	0.44	0.48	-0.06	1.05	0.70	0.95	0.90	0.86	0.25	0.01			
		-0.08	-3.79	-3.72	-3.85	-2.69	-8.05	-12.18	-6.85	-7.85	-1.75	-4.14	-0.79	-2.31	-3.61	-5.54	-5.11	-10.55	-6.98	-6.79	-4.70	-4.12	-5.20	-6.99	-8.28			
DUNWOD	61760	48.26	56.28	53.81	48.22	45.11	70.40	82.53	289.35	63.88	48.74	48.75	61.87	59.47	61.82	60.13	57.26	67.71	75.19	64.25	58.80	60.35	66.60	57.82	55.38			
		2.96	1.85	1.78	1.39	1.66	1.05	0.13	14.45	0.80	2.56	1.47	3.59	2.78	2.29	1.36	1.40	-0.19	1.94	1.32	1.88	2.09	1.93	0.64	0.06			
		-0.54	-25.18	-24.67	-25.67	-17.94	-53.28	-80.44	-45.40	-52.25	-11.78	-28.06	-5.45	-16.09	-25.23	-38.54	-34.61	-70.20	-46.13	-44.77	-31.08	-27.23	-34.36	-46.39	-54.55			
GENESE	61753	45.50	32.93	31.01	24.92	28.47	23.21	11.75	241.89	17.50	36.76	23.26	54.69	43.41	37.91	25.12	25.67	6.07	33.83	24.35	30.53	35.13	35.15	16.57	7.37			
		0.67	0.64	0.67	0.66	0.79	0.70	0.05	6.90	0.36	0.94	0.68	1.21	0.89	0.60	0.31	0.30	-0.06	1.15	0.79	0.94	0.80	0.69	0.18	0.01			
		-0.06	-3.04	-2.98	-3.10	-2.17	-6.44	-9.73	-5.49	-6.31	-1.42	-3.35	-0.65	-1.92	-3.01	-4.58	-4.13	-8.44	-5.56	-5.41	-3.76	-3.29	-4.15	-5.61	-6.59			
H Q	61844	44.45	29.02	27.11	20.93	25.23	9.40	-0.21	226.56	4.91	33.91	18.91	52.18	40.12	33.95	20.01	21.03	-7.25	26.63	17.83	25.41	30.64	29.99	10.70	0.77			
		-0.31	-0.24	-0.25	-0.22	-0.28	-0.25	-0.04	-2.94	-0.15	-0.49	-0.31	-0.65	-0.48	-0.35	-0.21	-0.21	0.04	-0.49	-0.32	-0.44	-0.39	-0.32	-0.09	-0.01			
		0.00	0.00	0.00	0.00	0.00	6.42	2.15	0.00	5.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
HUD VL	61758	48.36	55.81	53.37	47.75	44.84	69.41	80.97	290.18	62.97	48.46	48.05	61.66	58.98	61.11	59.15	56.43	66.22	74.34	63.39	58.26	59.92	66.05	56.90	54.25			
		3.08	1.93	1.87	1.47	1.76	1.13	0.14	16.11	0.82	2.53	1.43	3.50	2.68	2.19	1.34	1.42	-0.18	2.05	1.38	1.98	2.22	2.08	0.69	0.06			
		-0.52	-24.63	-24.14	-25.12	-17.57	-52.21	-78.86	-44.57	-51.32	-11.53	-27.40	-5.32	-15.70	-24.62	-37.59	-33.77	-68.71	-45.18	-43.85	-30.44	-26.67	-33.67	-45.42	-53.41			
LONGIL	61762	49.50	57.54	55.53	63.46	48.78	70.99	82.60	291.49	64.05	49.16	53.20	77.77	60.36	62.67	60.60	57.63	67.73	75.84	64.75	59.59	61.16	67.29	65.69	63.25			
		4.21	2.81	2.60	2.06	2.52	1.60	0.14	16.56	0.93	2.97	1.99	4.91	3.66	3.12	1.81	1.75	-0.21	2.56	1.79	2.65	2.89	2.60	0.99	0.07			
		-0.54	-25.47	-25.57	-40.25	-20.75	-53.32	-80.49	-45.42	-52.29	-11.79	-31.99	-20.03	-16.11	-25.25	-38.57	-34.64	-70.25	-46.16	-44.80	-31.10	-27.25	-34.39	-53.92	-62.40			
MHK VL	61756	46.42	34.47	32.53	26.26	29.47	25.47	14.87	247.23	19.25	37.59	23.94	55.67	44.30	38.98	26.28	27.04	7.94	35.38	25.97	31.99	36.76	37.17	18.71	9.68			
		1.57	1.03	1.07	0.82	0.97	0.69	0.10	10.81	0.53	1.50	0.82	2.10	1.57	1.28	0.76	0.85	-0.09	1.35	0.93	1.29	1.45	1.38	0.45	0.03			
		-0.09	-4.19	-4.10	-4.28	-3.00	-8.71	-12.80	-6.92	-7.89	-1.69	-3.91	-0.74	-2.13	-3.40	-5.29	-4.95	-10.35	-6.91	-6.89	-4.86	-4.29	-5.48	-7.48	-8.87			
MILLWD	61759	48.25	56.19	53.71	48.12	45.06	70.24	82.29	289.61	63.70	48.65	48.61	61.71	59.28	61.61	59.94	57.09	67.42	75.01	64.08	58.68	60.26	66.47	57.64	55.17			
		2.95	1.85	1.77	1.39	1.68	1.07	0.14	14.86	0.79	2.51	1.42	3.44	2.65	2.17	1.31	1.37	-0.18	1.94	1.32	1.88	2.10	1.93	0.64	0.06			
		-0.53	-25.08	-24.58	-25.58	-17.88	-53.10	-80.18	-45.25	-52.09	-11.74	-27.97	-5.43	-16.04	-25.14	-38.40	-34.47	-69.91	-45.95	-44.60	-30.96	-27.13	-34.23	-46.22	-54.34			
N.Y.C.	61761	48.42	56.39	53.89	48.28	45.21	70.48	82.60	290.20	63.99	49.01	48.93	62.24	59.78	62.09	60.31	57.42	67.72	75.39	64.39	58.99	60.55	66.80	57.90	55.41			
		3.12	1.95	1.85	1.45	1.75	1.10	0.15	15.28	0.88	2.83	1.63	3.96	3.08	2.54	1.52	1.55	-0.21	2.12	1.44	2.05	2.28	2.12	0.70	0.06			
		-0.54	-25.19	-24.68	-25.69	-17.95	-53.31	-80.48	-45.42	-52.28	-11.79	-28.08	-5.45	-16.10	-25.25	-38.56	-34.63	-70.24	-46.15	-44.80	-31.09	-27.24	-34.38	-46.41	-54.58			
NORTH	61755	45.13	29.43	27.45	21.16	25.50	16.03	1.95	230.53	10.85	34.49	19.21	53.00	40.72	34.48	20.32	21.37	-2.30	27.07	18.13	25.86	31.18	30.51	10.91	0.78			
		0.37	0.18	0.08	0.01	-0.01	-0.04	-0.02	1.03	0.02	0.09	-0.01	0.16	0.13	0.18	0.09	0.13	0.01	-0.04	-0.02	0.01	0.16	0.21	0.13	0.01			
		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	61845	47.47	65.56	61.79	56.17	50.45	80.92	106.62	299.08	74.46	51.57	56.84	62.47	63.80	69.24	72.19	68.01	85.61	89.37	78.22	68.10	68.38	77.03	72.65	73.06			
		2.00	1.29	1.22	0.96	1.14	0.68	0.08	9.36	0.47	1.54	0.88	2.41	1.85	1.46	0.84	0.86	-0.12	1.16	0.77	1.09	1.28	1.22	0.42	0.03			
		-0.71	-35.02	-33.21	-34.06	-23.81	-64.17	-104.57	-60.22	-63.17	-15.63	-36.74	-7.23	-21.35	-33.48	-51.13	-45.92	-88.04	-61.09	-59.30	-41.16	-36.06	-45.51	-61.44	-72.25			

OH 61846	44.80	33.11	31.27	25.31	28.62	24.17	13.34	239.07	18.38	36.47	23.69	54.13	43.25	37.97	25.63	25.98	7.58	34.95	29.82	34.52	35.00	35.22	17.32	8.50
	-0.03	0.30	0.42	0.53	0.57	0.57	0.00	2.05	0.16	0.41	0.50	0.53	0.37	0.10	-0.02	-0.14	-0.02	0.66	0.46	0.41	0.11	0.05	-0.04	0.00
	-0.08	-3.56	-3.49	-3.63	-2.54	-7.53	-11.37	-7.52	-7.39	-1.67	-3.97	-0.77	-2.28	-3.57	-5.43	-4.88	-9.91	-7.17	-11.21	-8.26	-3.86	-4.87	-6.57	-7.73
PJM 61847	46.81	44.58	42.43	36.54	36.69	40.39	45.08	272.98	25.13	42.55	35.98	58.13	51.35	49.77	42.59	41.37	31.97	54.24	44.12	44.43	47.42	50.66	35.07	31.42
	1.75	1.20	1.22	0.98	1.11	0.84	0.10	9.36	0.46	1.53	1.01	2.24	1.72	1.31	0.75	0.72	-0.11	1.25	0.84	1.15	1.11	1.07	0.33	0.03
	-0.30	-14.13	-13.84	-14.41	-10.07	-23.48	-43.00	-34.12	-13.84	-6.61	-15.75	-3.06	-9.03	-14.16	-21.61	-19.41	-34.39	-25.87	-25.13	-17.44	-15.28	-19.28	-23.96	-30.61
WEST 61752	45.72	33.87	32.07	25.99	29.32	25.07	14.22	244.79	19.22	37.57	24.52	55.62	44.43	39.07	26.51	26.87	8.14	35.38	25.80	31.56	35.95	36.21	17.95	9.00
	0.88	0.81	0.98	0.96	1.10	0.94	0.08	8.40	0.46	1.39	1.05	1.96	1.40	0.97	0.49	0.41	-0.09	1.33	0.90	1.03	0.82	0.73	0.18	0.01
	-0.08	-3.81	-3.73	-3.88	-2.71	-8.06	-12.17	-6.88	-7.92	-1.79	-4.25	-0.83	-2.43	-3.81	-5.80	-5.22	-10.54	-6.94	-6.74	-4.69	-4.10	-5.18	-6.98	-8.22