

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

10/20/2016

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	19.99	19.43	17.41	16.82	18.12	18.37	24.52	25.07	25.23	26.40	27.13	27.72	27.67	27.49	27.39	27.15	27.59	29.53	32.94	33.01	26.76	22.83	20.23	20.55
61757	0.68	0.60	0.55	0.58	0.63	0.72	0.90	0.66	0.95	0.89	0.89	0.88	0.94	0.95	0.93	0.92	0.96	1.02	1.11	1.05	0.81	0.69	0.63	0.61
	-0.43	-1.70	-1.66	-0.85	-1.38	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	-1.30
CENTRL	18.77	17.15	15.23	15.35	16.15	17.57	23.67	24.61	24.57	26.32	27.40	28.11	27.87	27.56	27.33	27.13	26.89	28.50	32.38	32.93	26.01	22.12	19.55	18.70
61754	-0.15	-0.14	-0.12	-0.11	-0.10	-0.07	0.05	0.19	-0.02	0.08	0.13	0.08	0.00	-0.03	-0.05	-0.05	-0.08	0.00	0.13	0.16	0.05	-0.02	-0.06	-0.06
	-0.04	-0.16	-0.15	-0.08	-0.13	0.00	0.00	0.00	-0.31	-0.73	-1.04	-1.19	-1.14	-1.06	-0.92	-0.95	-0.34	0.00	-0.43	-0.81	0.00	0.00	0.00	-0.12
DUNWOD	20.64	19.58	17.47	17.05	18.19	18.83	25.20	26.02	26.18	27.42	28.13	28.79	28.79	28.63	28.58	28.36	28.84	30.75	34.15	34.26	27.90	23.91	21.13	20.99
61760	1.45	1.27	1.11	1.08	1.11	1.18	1.58	1.61	1.90	1.91	1.89	1.96	2.06	2.10	2.12	2.12	2.21	2.25	2.32	2.30	1.95	1.77	1.53	1.45
	-0.30	-1.18	-1.15	-0.59	-0.96	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	-0.90
GENESE	18.24	16.61	14.80	14.92	15.67	17.17	23.15	24.05	23.22	24.17	24.67	25.05	24.90	24.76	24.84	24.54	25.52	27.79	30.98	30.78	25.36	21.57	19.11	18.34
61753	-0.68	-0.65	-0.53	-0.52	-0.55	-0.48	-0.47	-0.37	-0.80	-0.71	-0.68	-0.75	-0.86	-0.85	-0.82	-0.87	-0.83	-0.71	-0.48	-0.48	-0.60	-0.58	-0.49	-0.39
	-0.03	-0.13	-0.13	-0.07	-0.11	0.00	0.00	0.00	0.26	0.63	0.89	1.03	0.98	0.92	0.80	0.82	0.29	0.00	0.37	0.70	0.00	0.00	0.00	-0.10
H Q	2.80	2.74	2.50	2.43	2.55	2.62	3.69	7.88	3.58	3.91	8.02	8.03	8.13	3.88	4.19	4.01	4.34	4.79	4.85	4.80	3.91	3.49	3.26	3.40
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
	16.09	14.39	12.70	12.95	13.56	15.02	19.93	16.53	20.71	21.60	18.22	18.80	18.61	22.65	22.27	22.23	22.30	23.71	26.98	27.16	22.04	18.66	16.35	15.23
HUD VL	20.54	19.52	17.39	17.03	18.13	18.76	25.13	25.92	25.92	27.14	27.86	28.55	28.53	28.39	28.34	28.12	28.63	30.55	33.96	34.13	27.82	23.80	21.05	20.91
61758	1.36	1.22	1.05	1.06	1.06	1.11	1.51	1.51	1.63	1.63	1.63	1.72	1.79	1.86	1.88	1.89	2.00	2.05	2.13	2.17	1.87	1.66	1.45	1.38
	-0.30	-1.17	-1.14	-0.59	-0.95	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	-0.89
LONGIL	21.28	19.91	17.81	17.33	18.43	19.13	25.99	26.78	26.94	28.24	29.31	30.43	32.19	32.47	34.75	39.62	42.55	40.51	41.69	39.57	33.37	30.22	21.65	21.30
61762	2.10	1.59	1.45	1.35	1.35	1.48	2.36	2.37	2.65	2.73	3.07	3.06	3.02	3.02	3.04	3.07	3.17	3.28	3.56	3.52	2.96	2.72	2.04	1.75
	-0.30	-1.19	-1.16	-0.60	-0.96	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.55	-2.44	-2.91	-5.25	-10.32	-12.75	-8.74	-6.30	-4.10	-4.46	-5.35	0.00	-0.91
MHK VL	18.95	17.22	15.25	15.42	16.21	17.70	23.98	24.83	24.58	25.94	26.71	27.31	27.08	26.82	26.70	26.42	26.71	28.70	32.40	32.37	26.21	22.28	19.58	18.58
61756	0.06	0.03	0.00	0.02	0.05	0.05	0.35	0.41	0.29	0.43	0.47	0.48	0.35	0.29	0.24	0.18	0.08	0.20	0.57	0.41	0.26	0.13	-0.02	-0.09
	-0.01	-0.05	-0.05	-0.03	-0.04	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	-0.04
MILLWD	20.60	19.57	17.46	17.05	18.20	18.81	25.20	26.02	26.16	27.40	28.10	28.79	28.77	28.60	28.55	28.39	28.84	30.73	34.18	34.29	27.92	23.87	21.09	20.95
61759	1.42	1.25	1.10	1.08	1.11	1.16	1.58	1.61	1.87	1.89	1.86	1.96	2.03	2.07	2.09	2.15	2.21	2.22	2.36	2.33	1.97	1.73	1.49	1.40
	-0.30	-1.19	-1.16	-0.60	-0.97	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	-0.91
N.Y.C.	20.81	19.74	17.61	17.19	18.34	18.93	25.30	26.19	26.40	27.62	28.34	29.00	29.01	28.84	28.80	28.60	29.09	30.96	34.39	34.49	28.11	24.18	21.37	21.20
61761	1.62	1.42	1.25	1.21	1.26	1.29	1.68	1.78	2.11	2.12	2.10	2.17	2.27	2.31	2.33	2.36	2.45	2.45	2.55	2.52	2.15	2.04	1.77	1.66
	-0.30	-1.19	-1.16	-0.60	-0.97	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	-0.01	-0.01	0.00	0.00	0.00	-0.91
NORTH	0.52	0.47	0.43	0.44	0.43	0.46	1.00	5.00	0.72	1.00	5.00	5.00	5.00	0.81	0.96	0.76	0.79	1.00	1.00	0.87	0.70	0.59	0.51	0.48
61755	-2.44	-2.24	-2.04	-2.06	-2.13	-2.36	-2.95	-3.10	-3.13	-3.19	-3.25	-3.27	-3.37	-3.37	-3.52	-3.54	-3.83	-4.10	-4.20	-4.28	-3.50	-3.14	-2.96	-2.96
	15.93	14.41	12.74	12.88	13.55	14.82	19.67	16.31	20.43	21.32	17.98	18.56	18.37	22.35	21.98	21.93	22.01	23.40	26.62	26.80	21.75	18.41	16.13	15.19
NPX	20.58	19.65	17.57	17.04	18.34	19.39	25.23	25.88	26.31	27.24	27.92	28.50	28.50	28.39	28.37	28.15	28.63	30.52	36.25	36.61	27.80	23.67	20.96	21.00
61845	1.34	1.11	0.99	0.95	1.08	1.20	1.61	1.46	1.82	1.74	1.68	1.66	1.76	1.86	1.91	1.91	2.00	2.02	2.23	2.24	1.84	1.53	1.35	1.28
	-0.36	-1.41	-1.37	-0.71	-1.15	-0.55	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	-2.42	0.00	0.00	0.00	-1.08

OH 61846	18.06	16.57	14.80	14.90	15.60	16.95	22.70	23.34	22.32	22.50	22.50	22.55	22.53	22.50	22.50	22.50	23.95	25.96	29.20	28.51	23.46	21.26	18.88	18.17
	-0.87	-0.74	-0.58	-0.57	-0.66	-0.69	-0.92	-0.78	-1.17	-1.10	-1.02	-1.15	-1.23	-1.25	-1.24	-1.23	-1.33	-1.34	-1.50	-1.31	-1.14	-0.89	-0.72	-0.54
	-0.04	-0.18	-0.17	-0.09	-0.15	0.00	0.00	0.29	0.81	1.91	2.71	3.13	2.98	2.79	2.72	2.50	1.35	1.20	1.13	2.13	1.35	0.00	0.00	-0.08
PJM 61847	19.33	18.04	16.10	15.98	16.88	17.89	24.02	24.87	25.08	26.93	28.15	28.92	28.74	28.43	28.17	28.00	27.56	28.96	32.87	33.66	26.44	22.63	20.03	19.59
	0.28	0.27	0.27	0.28	0.24	0.25	0.40	0.46	0.36	0.41	0.47	0.43	0.43	0.42	0.42	0.45	0.45	0.45	0.45	0.58	0.49	0.49	0.43	0.47
	-0.16	-0.64	-0.62	-0.32	-0.52	0.00	0.00	0.00	-0.43	-1.01	-1.44	-1.66	-1.58	-1.47	-1.28	-1.32	-0.47	0.00	-0.60	-1.13	0.00	0.00	0.00	-0.49
WEST 61752	18.34	16.84	15.04	15.13	15.85	17.25	23.29	24.34	26.54	31.61	35.14	37.00	36.30	35.35	34.11	34.11	28.97	27.90	34.92	38.65	25.49	21.85	19.39	18.68
	-0.59	-0.46	-0.33	-0.34	-0.40	-0.39	-0.33	-0.07	-0.46	-0.36	-0.26	-0.40	-0.48	-0.50	-0.48	-0.50	-0.64	-0.60	-0.70	-0.45	-0.47	-0.29	-0.22	-0.09
	-0.04	-0.17	-0.17	-0.09	-0.14	0.00	0.00	0.00	-2.72	-6.46	-9.16	-10.57	-10.05	-9.32	-8.12	-8.37	-2.97	0.00	-3.79	-7.14	0.00	0.00	0.00	-0.13