

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/11/2017

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	15.73	8.49	10.12	5.31	2.18	-0.67	0.16	1.49	4.64	3.81	7.80	16.80	18.31	21.49	20.78	22.17	25.49	33.17	141.99	35.69	106.95	34.71	21.35	20.63
61757	0.74	0.43	0.52	0.27	0.11	-0.04	0.02	0.07	0.22	0.20	0.43	0.87	0.99	1.20	1.15	1.28	1.49	2.10	9.46	2.35	6.73	2.16	1.32	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	-0.25	-0.67	-0.20	-0.35	-0.18	0.00	0.00	-0.02	-0.13	-0.10	0.00
CENTRL	15.20	8.19	9.69	5.08	2.10	-0.64	0.12	1.43	4.56	3.69	7.52	16.24	17.68	20.48	19.38	21.20	24.55	32.50	136.94	35.19	103.83	34.21	20.32	19.72
61754	0.21	0.13	0.08	0.04	0.02	-0.02	-0.02	0.02	0.13	0.09	0.15	0.30	0.36	0.42	0.42	0.50	0.64	0.72	3.12	0.69	2.40	0.68	0.32	0.32
	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	-0.26	-0.90	-1.30	-1.15	-1.21	-1.11	-0.07	0.00
DUNWOD	16.57	8.94	10.57	5.54	2.28	-0.67	0.15	1.57	4.90	4.02	8.28	17.84	19.43	27.19	33.97	27.08	32.98	38.04	148.30	37.28	112.17	38.53	24.30	21.78
61760	1.59	0.88	0.97	0.50	0.20	-0.05	0.01	0.16	0.48	0.41	0.91	1.91	2.11	2.49	2.37	2.59	2.93	3.82	15.72	3.94	11.64	3.82	2.48	2.38
	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	-4.64	-12.63	-3.79	-6.40	-3.34	-0.06	0.00	-0.33	-2.29	-1.89	0.00
GENESE	14.84	7.96	9.43	4.97	2.06	-0.65	0.10	1.40	4.53	3.64	7.37	15.83	17.25	20.03	18.94	20.73	23.80	30.97	133.51	33.52	101.21	32.61	19.81	19.27
61753	-0.14	-0.10	-0.17	-0.07	-0.02	-0.02	-0.05	-0.01	0.11	0.03	-0.01	-0.10	-0.07	-0.02	-0.03	0.03	0.15	0.09	0.99	0.18	1.00	0.19	-0.12	-0.13
	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
H Q	12.83	7.78	9.31	6.02	2.01	1.25	0.14	1.36	4.26	3.48	6.38	14.95	16.99	19.29	18.22	19.88	21.06	26.83	127.24	32.08	95.78	30.81	19.17	0.00
61844	-0.48	-0.28	-0.30	-0.16	-0.06	0.02	0.00	-0.05	-0.16	-0.13	-0.28	-0.57	-0.65	-0.76	-0.75	-0.82	-0.94	-1.22	-5.28	-1.26	-3.73	-1.20	-0.76	-0.76
	1.68	0.00	0.00	-1.14	0.00	-1.85	0.00	0.00	0.00	0.00	0.71	0.42	-0.33	0.00	0.00	0.00	1.66	2.83	0.00	0.00	0.70	0.41	0.00	18.64
HUD VL	16.47	8.88	10.51	5.51	2.26	-0.67	0.16	1.56	4.87	4.00	8.23	17.76	19.34	26.04	31.03	26.14	31.47	37.20	148.11	37.20	111.92	37.92	23.77	21.66
61758	1.48	0.82	0.90	0.46	0.19	-0.05	0.01	0.15	0.45	0.39	0.86	1.83	2.02	2.39	2.28	2.50	2.86	3.73	15.54	3.86	11.46	3.73	2.38	2.26
	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	-3.59	-9.78	-2.94	-4.96	-2.59	-0.04	0.00	-0.25	-1.77	-1.46	0.00
LONGIL	16.97	9.11	10.74	5.63	2.33	-0.07	0.16	1.60	5.02	4.11	8.50	18.31	19.95	28.93	34.50	27.64	33.60	48.24	157.90	67.56	114.41	39.29	25.54	32.99
61762	1.98	1.05	1.13	0.58	0.25	-0.07	0.02	0.19	0.61	0.50	1.13	2.38	2.63	3.11	2.89	3.14	3.54	4.74	19.81	4.93	13.87	4.57	2.93	2.95
	0.00	0.00	0.00	0.00	0.00	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.76	-12.64	-3.80	-6.41	-12.61	-5.56	-29.29	-0.33	-2.29	-2.68	-10.64
MHK VL	15.27	8.20	9.75	5.11	1.95	-0.83	0.13	1.44	4.54	3.71	7.36	16.40	17.83	20.94	20.34	21.58	24.68	31.75	137.57	35.09	104.22	34.25	20.65	19.91
61756	0.28	0.14	0.13	0.07	0.03	-0.01	-0.01	0.03	0.11	0.10	0.21	0.47	0.51	0.60	0.59	0.65	0.78	1.01	4.29	1.06	3.27	1.04	0.57	0.51
	0.00	0.00	0.00	0.00	0.16	0.19	0.00	0.00	0.00	0.00	0.22	0.00	0.00	-0.28	-0.79	-0.24	-0.26	0.15	-0.76	-0.68	-0.75	-0.80	-0.16	0.00
MILLWD	16.56	8.93	10.56	5.53	2.27	-0.67	0.15	1.57	4.89	4.02	8.29	17.87	19.47	27.18	33.84	27.10	33.00	38.15	149.10	37.45	112.68	38.64	24.33	21.81
61759	1.57	0.87	0.95	0.49	0.20	-0.05	0.01	0.16	0.47	0.41	0.92	1.94	2.15	2.55	2.44	2.67	3.05	3.98	16.52	4.11	12.15	3.97	2.55	2.41
	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	-4.57	-12.44	-3.73	-6.30	-3.28	-0.06	0.00	-0.32	-2.26	-1.86	0.00
N.Y.C.	16.76	9.04	10.69	5.60	2.30	-0.68	0.16	1.59	4.95	4.07	10.46	30.19	27.65	97.99	34.38	27.11	33.22	38.34	149.36	54.35	111.23	97.66	35.54	23.61
61761	1.77	0.98	1.08	0.56	0.23	-0.05	0.02	0.18	0.53	0.46	1.01	2.11	2.32	2.73	2.58	2.81	3.16	4.12	16.77	4.26	12.43	4.14	2.71	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	-12.14	-8.01	-75.20	-12.83	-3.60	-6.41	-3.34	-0.06	-16.74	1.41	-61.09	-12.90	-1.63
NORTH	14.09	7.52	9.00	4.73	-0.24	-3.26	0.13	1.32	4.11	3.38	4.24	14.94	16.16	18.67	17.61	19.22	18.32	18.28	123.24	31.17	93.90	30.39	18.61	18.06
61755	-0.89	-0.53	-0.61	-0.31	-0.13	0.05	0.00	-0.09	-0.31	-0.24	-0.52	-0.99	-1.16	-1.38	-1.36	-1.47	-1.68	-2.16	-9.28	-2.17	-6.31	-2.03	-1.32	-1.33
	0.00	0.00	0.00	0.00	2.18	2.68	0.01	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	3.65	10.45	0.00	0.00	0.00	0.00	0.00	0.00
NPX	6.13	8.65	12.29	6.55	2.22	1.22	0.16	2.51	4.83	3.86	7.93	16.53	18.93	24.43	26.46	24.09	27.75	43.49	156.16	36.05	107.48	34.79	21.34	20.82
61845	1.02	0.59	0.71	0.37	0.14	-0.04	0.02	0.10	0.28	0.25	0.56	1.14	1.28	1.52	1.44	1.58	1.78	2.48	10.95	2.71	7.81	2.57	1.69	1.64
	9.88	0.00	-1.97	-1.14	0.00	-1.90	0.00	-1.00	-0.12	0.00	0.00	0.53	-0.33	-2.85	-6.06	-1.82	-2.31	-10.13	-12.68	0.00	0.54	0.19	0.28	0.21

O H 61846	14.60 <span>-0.39</span> <span>0.00</span>	7.87 <span>-0.19</span> <span>0.00</span>	9.29 <span>-0.32</span> <span>0.00</span>	4.91 <span>-0.14</span> <span>0.00</span>	2.04 <span>-0.03</span> <span>0.00</span>	-0.65 <span>-0.02</span> <span>0.00</span>	0.08 <span>-0.06</span> <span>0.00</span>	2.41 <span>-0.04</span> <span>-1.04</span>	4.49 <span>0.07</span> <span>0.00</span>	3.57 <span>-0.04</span> <span>0.00</span>	7.16 <span>-0.21</span> <span>0.00</span>	15.27 <span>-0.66</span> <span>0.00</span>	16.62 <span>-0.70</span> <span>0.00</span>	19.32 <span>-0.74</span> <span>0.00</span>	18.24 <span>-0.73</span> <span>0.00</span>	19.97 <span>-0.73</span> <span>0.00</span>	22.96 <span>-0.69</span> <span>0.00</span>	29.70 <span>-1.19</span> <span>0.00</span>	128.17 <span>-4.35</span> <span>0.00</span>	32.17 <span>-1.17</span> <span>0.00</span>	117.79 <span>-2.48</span> <span>-20.06</span>	31.36 <span>-1.06</span> <span>0.00</span>	19.08 <span>-0.85</span> <span>0.00</span>	19.20 <span>-0.66</span> <span>-0.46</span>
PJM 61847	15.70 <span>0.71</span> <span>0.00</span>	8.50 <span>0.44</span> <span>0.00</span>	10.00 <span>0.40</span> <span>0.00</span>	6.39 <span>0.21</span> <span>-1.14</span>	2.17 <span>0.09</span> <span>0.00</span>	1.20 <span>-0.03</span> <span>-1.85</span>	0.12 <span>-0.02</span> <span>0.00</span>	1.48 <span>0.07</span> <span>0.00</span>	4.71 <span>0.28</span> <span>0.00</span>	3.82 <span>0.20</span> <span>0.00</span>	7.78 <span>0.41</span> <span>0.00</span>	16.31 <span>0.79</span> <span>0.42</span>	18.53 <span>0.88</span> <span>-0.33</span>	23.13 <span>1.08</span> <span>-1.99</span>	25.40 <span>1.03</span> <span>-5.41</span>	23.47 <span>1.15</span> <span>-1.63</span>	27.24 <span>1.41</span> <span>-2.18</span>	34.26 <span>1.60</span> <span>-1.78</span>	139.58 <span>6.53</span> <span>-0.52</span>	35.27 <span>1.49</span> <span>-0.44</span>	105.94 <span>5.80</span> <span>0.07</span>	35.30 <span>1.72</span> <span>-1.16</span>	21.95 <span>1.06</span> <span>-0.97</span>	20.66 <span>1.12</span> <span>-0.14</span>
WEST 61752	14.77 <span>-0.22</span> <span>0.00</span>	7.94 <span>-0.12</span> <span>0.00</span>	9.37 <span>-0.24</span> <span>0.00</span>	4.94 <span>-0.10</span> <span>0.00</span>	2.06 <span>-0.02</span> <span>0.00</span>	-0.67 <span>-0.04</span> <span>0.00</span>	0.07 <span>-0.07</span> <span>0.00</span>	1.38 <span>-0.03</span> <span>0.00</span>	4.57 <span>0.14</span> <span>0.00</span>	3.62 <span>0.01</span> <span>0.00</span>	7.24 <span>-0.13</span> <span>0.00</span>	15.45 <span>-0.48</span> <span>0.00</span>	16.80 <span>-0.52</span> <span>0.00</span>	19.52 <span>-0.53</span> <span>0.00</span>	18.43 <span>-0.53</span> <span>0.00</span>	20.20 <span>-0.50</span> <span>0.00</span>	23.25 <span>-0.40</span> <span>0.00</span>	30.11 <span>-0.78</span> <span>0.00</span>	130.15 <span>-2.37</span> <span>0.00</span>	32.68 <span>-0.66</span> <span>0.00</span>	99.38 <span>-0.83</span> <span>0.00</span>	31.94 <span>-0.48</span> <span>0.00</span>	19.40 <span>-0.53</span> <span>0.00</span>	19.02 <span>-0.38</span> <span>0.00</span>