

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/28/2018

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	14.24	20.24	15.61	12.20	12.97	16.31	20.12	22.01	22.13	18.90	16.85	17.01	11.12	1.12	9.28	20.42	21.35	3.42	5.58	9.41	4.69	6.64	7.03	15.92
61757	0.76	0.97	0.61	0.49	0.52	1.21	1.40	1.44	1.38	1.14	0.99	0.94	0.63	0.07	0.60	1.36	1.39	0.23	0.41	0.70	0.34	0.47	0.48	1.11
	-2.73	-5.45	-6.54	-5.06	-5.63	-0.05	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
CENTRL	11.41	14.95	9.64	7.58	7.86	15.52	19.28	21.11	21.30	18.30	16.38	16.55	10.78	1.08	8.95	19.66	20.57	3.27	5.31	8.97	4.48	6.36	6.76	15.30
61754	0.24	0.30	0.19	0.16	0.18	0.45	0.55	0.53	0.56	0.54	0.51	0.49	0.30	0.03	0.27	0.60	0.62	0.08	0.14	0.26	0.13	0.18	0.21	0.49
	-0.42	-0.83	-1.00	-0.77	-0.85	-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
DUNWOD	13.96	19.32	14.12	11.03	11.63	16.76	20.97	23.00	23.24	19.83	17.70	18.00	11.76	1.18	9.75	21.44	22.42	3.54	5.76	9.72	4.85	6.89	7.34	16.49
61760	1.24	1.56	0.93	0.72	0.74	1.67	2.24	2.43	2.50	2.07	1.83	1.94	1.28	0.12	1.07	2.38	2.47	0.36	0.59	1.01	0.50	0.72	0.78	1.68
	-1.98	-3.94	-4.73	-3.66	-4.07	-0.03	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
GENESE	10.95	14.25	9.12	7.16	7.44	14.98	18.48	20.29	20.46	17.63	15.84	15.99	10.38	1.05	8.62	18.88	19.76	3.15	5.15	8.68	4.35	6.15	6.55	14.88
61753	-0.14	-0.23	-0.14	-0.11	-0.08	-0.08	-0.24	-0.28	-0.28	-0.13	-0.03	-0.07	-0.10	-0.01	-0.06	-0.18	-0.19	-0.04	-0.02	-0.03	0.00	-0.02	0.00	0.07
	-0.34	-0.67	-0.81	-0.62	-0.69	-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
H Q	10.37	13.34	7.94	6.43	6.58	14.37	18.06	19.89	20.07	17.17	15.35	15.54	10.14	1.02	8.36	18.37	19.25	3.09	4.99	8.38	4.19	5.95	6.32	14.28
61844	-0.38	-0.47	-0.29	-0.22	-0.24	-0.56	-0.67	-0.68	-0.68	-0.58	-0.52	-0.52	-0.35	-0.04	-0.32	-0.69	-0.70	-0.10	-0.19	-0.32	-0.16	-0.22	-0.24	-0.53
	0.00	0.00	0.23	0.00	0.00	0.12	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
HUD VL	13.90	19.25	14.09	11.01	11.62	16.72	20.89	22.91	23.12	19.72	17.60	17.88	11.68	1.17	9.69	21.31	22.30	3.53	5.74	9.68	4.83	6.86	7.27	16.35
61758	1.17	1.48	0.89	0.69	0.72	1.63	2.16	2.34	2.38	1.97	1.73	1.82	1.20	0.12	1.01	2.26	2.34	0.34	0.57	0.98	0.48	0.69	0.71	1.54
	-1.98	-3.95	-4.74	-3.67	-4.08	-0.03	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
LONGIL	45.18	40.08	17.15	12.69	25.46	28.82	37.01	39.69	32.21	24.40	25.17	25.09	22.66	8.53	16.13	41.50	35.20	29.51	16.95	62.22	28.15	25.54	36.04	23.18
61762	1.59	2.03	1.21	0.95	0.99	2.19	2.84	3.10	3.16	2.50	2.21	2.32	1.51	0.15	1.27	2.85	2.93	0.42	0.71	1.24	0.60	0.89	1.00	2.19
	-32.84	-24.24	-7.48	-5.09	-17.65	-11.57	-15.44	-16.02	-8.30	-4.15	-7.09	-6.72	-10.67	-7.33	-6.18	-19.60	-12.32	-25.90	-11.07	-52.28	-23.20	-18.48	-28.48	-6.18
MHK VL	11.50	15.09	9.76	7.67	7.96	15.60	19.51	21.44	21.59	18.48	16.51	16.66	10.86	1.09	8.97	19.71	20.65	3.29	5.37	9.04	4.51	6.39	6.77	15.27
61756	0.32	0.41	0.25	0.21	0.22	0.53	0.78	0.86	0.85	0.72	0.64	0.61	0.37	0.04	0.29	0.65	0.70	0.10	0.20	0.34	0.16	0.22	0.22	0.46
	-0.43	-0.86	-1.05	-0.82	-0.91	-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
MILLWD	13.97	19.34	14.16	11.06	11.67	16.78	20.98	23.03	23.25	19.83	17.69	17.99	11.75	1.18	9.74	21.41	22.40	3.54	5.76	9.72	4.85	6.88	7.31	16.42
61759	1.23	1.55	0.93	0.72	0.75	1.68	2.26	2.45	2.51	2.07	1.83	1.93	1.27	0.12	1.06	2.36	2.45	0.36	0.59	1.01	0.50	0.71	0.75	1.61
	-1.99	-3.98	-4.77	-3.69	-4.10	-0.03	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
N.Y.C.	14.16	19.55	14.27	11.15	11.76	17.03	21.34	23.42	23.68	20.65	21.07	18.91	11.99	1.20	9.94	21.86	22.86	10.95	13.54	11.07	5.35	7.03	7.49	18.11
61761	1.44	1.79	1.08	0.84	0.86	1.94	2.61	2.85	2.94	2.44	2.15	2.27	1.51	0.15	1.26	2.80	2.90	0.42	0.70	1.20	0.59	0.86	0.93	2.00
	-1.98	-3.95	-4.73	-3.66	-4.07	-0.03	0.00	0.00	-0.01	-0.45	-3.05	-0.58	-0.01	0.00	0.00	0.00	0.00	-7.34	-7.66	-1.16	-0.42	0.00	0.00	-1.30
NORTH	10.11	13.10	8.03	6.34	6.48	14.27	17.89	19.82	20.03	17.16	15.31	15.49	10.11	1.01	8.23	18.08	19.03	3.08	4.92	8.29	4.12	5.87	6.24	14.13
61755	-0.64	-0.72	-0.43	-0.31	-0.34	-0.78	-0.84	-0.75	-0.71	-0.60	-0.56	-0.56	-0.38	-0.04	-0.45	-0.97	-0.92	-0.11	-0.25	-0.42	-0.22	-0.30	-0.31	-0.68
	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	12.02	19.76	15.00	11.92	12.65	16.14	20.07	21.94	22.07	18.85	16.80	16.93	11.11	1.12	9.31	20.50	20.43	4.37	17.71	19.32	10.48	11.95	13.51	19.40
61845	0.73	0.90	0.58	0.48	0.50	1.16	1.35	1.36	1.33	1.09	0.94	0.87	0.62	0.07	0.63	1.44	1.41	0.24	0.42	0.72	0.35	0.49	0.50	1.12
	-0.54	-5.04	-5.97	-4.79	-5.33	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	-0.94	-12.12	-9.89	-5.78	-5.29	-6.46	-3.47

O H 61846	10.80 <span>-0.36</span> <span>-0.42</span>	14.13 <span>-0.51</span> <span>-0.83</span>	9.16 <span>-0.29</span> <span>-1.00</span>	7.20 <span>-0.23</span> <span>-0.77</span>	7.48 <span>-0.20</span> <span>-0.86</span>	14.64 <span>-0.42</span> <span>-0.01</span>	17.91 <span>-0.81</span> <span>0.00</span>	19.61 <span>-0.97</span> <span>0.00</span>	19.79 <span>-0.96</span> <span>0.00</span>	17.10 <span>-0.66</span> <span>0.00</span>	15.41 <span>-0.46</span> <span>0.00</span>	15.59 <span>-0.47</span> <span>0.00</span>	10.12 <span>-0.36</span> <span>0.00</span>	1.02 <span>-0.03</span> <span>0.00</span>	8.41 <span>-0.26</span> <span>0.00</span>	18.44 <span>-0.61</span> <span>0.00</span>	19.26 <span>-0.69</span> <span>0.00</span>	3.05 <span>-0.14</span> <span>0.00</span>	4.96 <span>-0.21</span> <span>0.00</span>	8.38 <span>-0.32</span> <span>0.00</span>	4.21 <span>-0.13</span> <span>0.00</span>	6.00 <span>-0.17</span> <span>0.00</span>	6.43 <span>-0.12</span> <span>0.00</span>	14.68 <span>-0.13</span> <span>0.00</span>
PJM 61847	12.49 <span>0.56</span> <span>-1.19</span>	16.89 <span>0.70</span> <span>-2.37</span>	11.51 <span>0.44</span> <span>-2.62</span>	9.20 <span>0.35</span> <span>-2.20</span>	9.64 <span>0.37</span> <span>-2.45</span>	15.78 <span>0.83</span> <span>0.10</span>	19.75 <span>1.03</span> <span>0.00</span>	21.60 <span>1.02</span> <span>0.00</span>	21.78 <span>1.03</span> <span>0.00</span>	18.67 <span>0.91</span> <span>0.00</span>	16.73 <span>0.87</span> <span>0.00</span>	16.99 <span>0.93</span> <span>0.00</span>	11.09 <span>0.61</span> <span>0.00</span>	1.12 <span>0.06</span> <span>0.00</span>	9.22 <span>0.54</span> <span>0.00</span>	20.28 <span>1.23</span> <span>0.00</span>	21.19 <span>1.23</span> <span>0.00</span>	3.34 <span>0.15</span> <span>0.00</span>	5.41 <span>0.24</span> <span>0.00</span>	9.15 <span>0.44</span> <span>0.00</span>	4.57 <span>0.22</span> <span>0.00</span>	6.52 <span>0.35</span> <span>0.00</span>	6.94 <span>0.38</span> <span>0.00</span>	15.79 <span>0.87</span> <span>-0.11</span>
WEST 61752	10.92 <span>-0.23</span> <span>-0.41</span>	14.27 <span>-0.36</span> <span>-0.81</span>	9.23 <span>-0.20</span> <span>-0.97</span>	7.25 <span>-0.15</span> <span>-0.75</span>	7.54 <span>-0.12</span> <span>-0.83</span>	14.86 <span>-0.20</span> <span>-0.01</span>	18.21 <span>-0.52</span> <span>0.00</span>	19.98 <span>-0.59</span> <span>0.00</span>	20.19 <span>-0.56</span> <span>0.00</span>	17.44 <span>-0.31</span> <span>0.00</span>	15.71 <span>-0.15</span> <span>0.00</span>	15.87 <span>-0.19</span> <span>0.00</span>	10.30 <span>-0.18</span> <span>0.00</span>	1.04 <span>-0.01</span> <span>0.00</span>	8.56 <span>-0.12</span> <span>0.00</span>	18.77 <span>-0.28</span> <span>0.00</span>	19.61 <span>-0.34</span> <span>0.00</span>	3.11 <span>-0.08</span> <span>0.00</span>	5.05 <span>-0.12</span> <span>0.00</span>	8.55 <span>-0.16</span> <span>0.00</span>	4.30 <span>-0.05</span> <span>0.00</span>	6.11 <span>-0.06</span> <span>0.00</span>	6.55 <span>-0.01</span> <span>0.00</span>	14.94 <span>0.13</span> <span>0.00</span>