

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/18/2018

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	38.65	39.19	32.27	37.90	32.61	-42.84	-29.26	3.97	25.16	31.80	34.30	33.05	34.55	34.18	35.98	35.42	35.24	36.59	130.90	34.40	33.36	31.73	28.80	24.65
61757	1.91	1.05	2.38	2.76	2.42	-2.88	-2.10	0.30	1.86	2.39	2.57	2.50	2.62	2.56	2.71	2.71	2.69	2.83	10.20	2.74	2.70	2.55	2.18	1.72
	-13.42	-25.09	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
CENTRL	25.39	16.44	30.35	35.73	30.62	-40.74	-27.82	3.72	23.69	29.91	32.31	31.09	32.49	32.15	33.82	33.26	33.12	34.37	123.35	32.29	31.23	29.69	27.02	23.22
61754	0.36	0.20	0.46	0.59	0.43	-0.77	-0.66	0.05	0.38	0.49	0.58	0.54	0.56	0.53	0.55	0.55	0.58	0.61	2.65	0.63	0.57	0.51	0.41	0.29
	-1.70	-3.18	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
DUNWOD	35.15	32.61	32.04	37.54	32.33	-42.88	-29.23	3.98	25.35	32.02	34.45	33.12	34.65	34.31	36.12	35.47	35.15	36.38	130.10	34.35	33.27	31.80	28.93	24.65
61760	1.87	0.97	2.15	2.40	2.14	-2.91	-2.07	0.31	2.04	2.60	2.72	2.57	2.72	2.69	2.85	2.76	2.61	2.62	9.40	2.70	2.61	2.62	2.31	1.72
	-9.94	-18.59	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
GENESE	24.09	15.12	29.28	34.52	29.56	-39.63	-27.27	3.61	22.96	29.06	31.49	30.34	31.72	31.36	33.02	32.49	32.52	33.83	121.23	31.74	30.65	28.99	26.25	22.50
61753	-0.51	-0.31	-0.60	-0.63	-0.64	0.34	-0.11	-0.06	-0.34	-0.36	-0.24	-0.21	-0.21	-0.26	-0.25	-0.23	-0.03	0.07	0.53	0.08	-0.01	-0.20	-0.37	-0.43
	-1.27	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	22.64	12.66	29.04	34.19	29.36	-38.89	-26.43	3.58	22.71	28.66	30.93	29.78	31.14	30.86	32.45	31.90	31.76	32.95	117.50	30.76	29.79	28.32	25.91	22.41
61844	-0.69	-0.39	-0.85	-0.95	-0.83	1.07	0.73	-0.09	-0.60	-0.76	-0.80	-0.77	-0.80	-0.76	-0.81	-0.81	-0.78	-0.81	-3.21	-0.90	-0.88	-0.86	-0.70	-0.52
	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
HUD VL	35.05	32.59	31.93	37.44	32.23	-42.72	-29.09	3.96	25.22	31.85	34.32	32.98	34.50	34.15	35.95	35.33	35.05	36.30	129.90	34.23	33.15	31.64	28.75	24.51
61758	1.76	0.93	2.04	2.30	2.04	-2.75	-1.93	0.29	1.91	2.44	2.59	2.43	2.57	2.53	2.68	2.61	2.50	2.54	9.20	2.57	2.49	2.46	2.13	1.58
	-9.95	-18.61	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
LONGIL	41.48	33.03	32.92	38.56	33.22	-43.99	-30.15	4.11	26.16	38.34	63.99	87.29	65.40	61.47	83.03	98.09	90.50	123.21	180.27	78.37	80.75	96.06	57.05	25.40
61762	2.68	1.39	3.04	3.42	3.03	-4.02	-2.99	0.44	2.85	3.61	3.63	3.41	3.56	3.51	3.77	3.69	3.63	3.72	13.28	3.68	3.53	3.51	3.22	2.46
	-15.47	-18.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.31	-28.62	-53.33	-29.91	-26.34	-45.99	-61.69	-54.32	-85.73	-46.29	-43.03	-46.56	-63.37	-27.22	-0.01
MHK VL	25.72	16.63	30.73	36.18	31.05	-41.12	-27.96	3.78	24.11	30.48	32.89	31.65	33.12	32.86	34.54	33.96	33.80	35.08	125.52	32.85	31.75	30.17	27.44	23.58
61756	0.68	0.38	0.84	1.03	0.86	-1.16	-0.80	0.11	0.80	1.06	1.15	1.09	1.19	1.24	1.27	1.24	1.25	1.32	4.82	1.20	1.09	0.98	0.82	0.65
	-1.71	-3.20	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
MILLWD	35.23	32.82	32.00	37.50	32.29	-42.85	-29.17	3.97	25.31	31.97	34.43	33.09	34.60	34.26	36.06	35.42	35.14	36.41	130.32	34.36	33.26	31.77	28.87	24.61
61759	1.84	0.95	2.12	2.35	2.10	-2.88	-2.01	0.30	2.00	2.56	2.70	2.54	2.67	2.64	2.79	2.71	2.60	2.65	9.61	2.70	2.60	2.58	2.25	1.68
	-10.06	-18.81	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
N.Y.C.	35.32	32.70	32.23	37.72	32.51	-43.18	-29.42	4.01	25.54	32.25	34.68	33.36	34.89	34.56	36.37	35.70	35.35	36.56	130.52	34.60	33.49	32.04	29.16	24.84
61761	2.05	1.06	2.34	2.58	2.31	-3.21	-2.26	0.34	2.24	2.83	2.95	2.80	2.96	2.94	3.10	2.98	2.80	2.80	9.82	2.94	2.83	2.85	2.54	1.91
	-9.94	-18.59	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
NORTH	22.58	12.62	29.05	34.33	29.46	-39.23	-26.64	3.60	22.91	28.95	31.24	30.05	31.48	31.24	32.89	32.35	32.19	33.34	118.47	30.87	29.84	28.33	25.94	22.43
61755	-0.74	-0.42	-0.83	-0.81	-0.73	0.74	0.52	-0.07	-0.40	-0.46	-0.49	-0.50	-0.45	-0.38	-0.38	-0.37	-0.36	-0.42	-2.24	-0.78	-0.82	-0.86	-0.68	-0.50
	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	37.88	36.54	32.48	38.08	32.79	-43.29	-24.32	19.21	34.65	36.77	41.64	46.69	65.08	68.31	64.69	68.22	77.73	108.47	198.53	86.46	82.17	60.12	52.34	46.56
61845	2.14	1.15	2.59	2.93	2.59	-3.32	-2.36	0.33	2.13	2.72	2.89	2.78	2.91	2.85	3.03	2.98	2.83	2.89	10.49	2.93	2.94	2.85	2.52	1.96
	-12.40	-22.34	0.00	0.00	0.00	0.00	-5.20	-15.20	-9.21	-4.64	-7.02	-13.36	-30.24	-33.84	-28.40	-32.52	-42.36	-71.82	-67.33	-51.88	-48.57	-28.09	-23.21	-21.67

O H 61846	23.92 <span>-1.06</span> <span>-1.65</span>	15.53 <span>-0.60</span> <span>-3.08</span>	28.65 <span>-1.24</span> <span>0.00</span>	33.85 <span>-1.30</span> <span>0.00</span>	28.87 <span>-1.33</span> <span>0.00</span>	-38.91 <span>1.06</span> <span>0.00</span>	-26.95 <span>0.21</span> <span>0.00</span>	3.52 <span>-0.15</span> <span>0.00</span>	22.40 <span>-0.90</span> <span>0.00</span>	28.32 <span>-1.10</span> <span>0.00</span>	30.71 <span>-1.02</span> <span>0.00</span>	29.52 <span>-1.03</span> <span>0.00</span>	30.88 <span>-1.05</span> <span>0.00</span>	30.48 <span>-1.14</span> <span>0.00</span>	32.11 <span>-1.16</span> <span>0.00</span>	31.55 <span>-1.17</span> <span>0.00</span>	31.47 <span>-1.07</span> <span>0.00</span>	32.61 <span>-1.15</span> <span>0.00</span>	117.25 <span>-3.45</span> <span>0.00</span>	30.72 <span>-0.94</span> <span>0.00</span>	29.71 <span>-0.95</span> <span>0.00</span>	28.19 <span>-0.99</span> <span>0.00</span>	25.63 <span>-0.98</span> <span>0.00</span>	21.93 <span>-1.00</span> <span>0.00</span>
PJM 61847	29.82 <span>0.73</span> <span>-5.76</span>	24.21 <span>0.38</span> <span>-10.78</span>	30.73 <span>0.84</span> <span>0.00</span>	36.17 <span>1.03</span> <span>0.00</span>	30.96 <span>0.77</span> <span>0.00</span>	-41.38 <span>-1.42</span> <span>0.00</span>	-28.32 <span>-1.16</span> <span>0.00</span>	3.79 <span>0.11</span> <span>0.00</span>	24.15 <span>0.84</span> <span>0.00</span>	30.47 <span>1.06</span> <span>0.00</span>	32.86 <span>1.13</span> <span>0.00</span>	31.53 <span>0.98</span> <span>0.00</span>	32.99 <span>1.06</span> <span>0.00</span>	32.62 <span>1.00</span> <span>0.00</span>	34.33 <span>1.06</span> <span>0.00</span>	33.72 <span>1.00</span> <span>0.00</span>	33.42 <span>0.87</span> <span>0.00</span>	34.52 <span>0.76</span> <span>0.00</span>	124.18 <span>3.48</span> <span>0.00</span>	32.61 <span>0.95</span> <span>0.00</span>	31.59 <span>0.93</span> <span>0.00</span>	30.18 <span>1.00</span> <span>0.00</span>	27.54 <span>0.92</span> <span>0.00</span>	23.15 <span>0.58</span> <span>0.36</span>
WEST 61752	24.42 <span>-0.56</span> <span>-1.64</span>	15.78 <span>-0.35</span> <span>-3.07</span>	29.23 <span>-0.66</span> <span>0.00</span>	34.53 <span>-0.62</span> <span>0.00</span>	29.45 <span>-0.74</span> <span>0.00</span>	-39.84 <span>0.13</span> <span>0.00</span>	-27.71 <span>-0.55</span> <span>0.00</span>	3.60 <span>-0.07</span> <span>0.00</span>	22.97 <span>-0.34</span> <span>0.00</span>	29.06 <span>-0.36</span> <span>0.00</span>	31.55 <span>-0.18</span> <span>0.00</span>	30.32 <span>-0.23</span> <span>0.00</span>	31.73 <span>-0.20</span> <span>0.00</span>	31.30 <span>-0.32</span> <span>0.00</span>	32.97 <span>-0.30</span> <span>0.00</span>	32.41 <span>-0.31</span> <span>0.00</span>	32.36 <span>-0.18</span> <span>0.00</span>	33.59 <span>-0.17</span> <span>0.00</span>	120.86 <span>0.16</span> <span>0.00</span>	31.66 <span>0.00</span> <span>0.00</span>	30.58 <span>-0.08</span> <span>0.00</span>	28.98 <span>-0.20</span> <span>0.00</span>	26.28 <span>-0.33</span> <span>0.00</span>	22.44 <span>-0.49</span> <span>0.00</span>