

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/27/2017

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	26.47	25.25	28.55	26.23	26.00	22.09	23.16	23.18	24.94	25.69	22.72	24.90	23.05	22.47	28.44	26.08	31.07	23.72	35.27	21.33	20.88	21.24	19.93	18.64
61757	1.42	0.99	0.81	0.67	1.04	1.32	1.41	1.51	1.61	1.68	1.42	1.57	1.45	1.37	1.71	1.56	1.84	1.37	2.06	1.24	1.21	1.27	1.13	1.03
	-3.65	-9.15	-15.30	-15.19	-8.77	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	21.88	16.08	14.05	11.99	17.20	21.01	22.04	21.98	23.73	24.43	21.64	23.65	21.87	21.34	26.91	24.66	29.40	22.49	33.44	20.21	19.87	20.15	18.97	17.73
61754	0.11	0.05	0.05	0.07	0.11	0.23	0.30	0.31	0.41	0.42	0.34	0.32	0.27	0.24	0.18	0.14	0.17	0.14	0.23	0.12	0.20	0.18	0.17	0.12
	-0.37	-0.93	-1.56	-1.55	-0.89	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	26.32	23.21	24.56	22.19	24.06	22.97	24.09	24.02	25.82	26.65	23.70	25.98	24.11	23.58	29.93	27.53	32.84	25.02	37.13	22.39	21.90	22.28	20.94	19.66
61760	2.33	1.63	1.27	1.06	1.66	2.20	2.35	2.35	2.49	2.63	2.41	2.64	2.50	2.47	3.21	3.01	3.61	2.67	3.92	2.30	2.23	2.31	2.14	2.06
	-2.59	-6.49	-10.84	-10.77	-6.21	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	21.01	15.29	13.26	11.32	16.50	20.46	21.50	21.40	23.24	23.93	21.21	23.15	21.35	20.79	26.11	23.87	28.42	21.86	32.52	19.64	19.31	19.51	18.32	17.06
61753	-0.69	-0.54	-0.40	-0.25	-0.38	-0.31	-0.24	-0.27	-0.09	-0.08	-0.08	-0.18	-0.26	-0.32	-0.62	-0.65	-0.81	-0.49	-0.69	-0.45	-0.36	-0.45	-0.47	-0.54
	-0.29	-0.73	-1.21	-1.20	-0.69	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	20.79	14.67	12.11	10.06	15.71	20.14	20.67	21.02	22.62	23.27	20.63	17.25	15.84	13.55	19.69	23.79	28.35	21.89	32.29	19.53	19.11	19.39	18.24	17.08
61844	-0.62	-0.43	-0.34	-0.31	-0.48	-0.63	-0.65	-0.66	-0.71	-0.74	-0.67	-0.73	-0.68	-0.67	-0.81	-0.73	-0.88	-0.64	-0.92	-0.56	-0.56	-0.58	-0.56	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	5.35	5.08	6.89	6.24	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	26.15	23.10	24.49	22.15	23.97	22.81	23.92	23.87	25.68	26.51	23.58	25.85	24.01	23.49	29.81	27.42	32.69	24.90	36.97	22.29	21.81	22.17	20.82	19.52
61758	2.15	1.49	1.17	0.98	1.54	2.04	2.18	2.19	2.35	2.50	2.29	2.52	2.40	2.39	3.08	2.89	3.47	2.56	3.76	2.21	2.14	2.21	2.02	1.91
	-2.59	-6.50	-10.87	-10.80	-6.23	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	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	26.96	23.64	24.93	22.51	24.51	23.57	37.24	24.76	26.61	27.85	28.13	29.56	24.72	24.09	30.65	28.25	33.70	25.76	38.18	23.02	22.37	23.75	22.10	20.11
61762	2.96	2.04	1.63	1.36	2.10	2.80	3.09	3.09	3.28	3.49	3.16	3.47	3.11	2.98	3.92	3.73	4.47	3.41	4.97	2.93	2.69	2.85	2.68	2.51
	-2.59	-6.50	-10.85	-10.78	-6.22	0.00	-12.41	0.00	0.00	-0.34	-3.67	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-0.63	0.00
MHK VL	-2.39	13.92	-2.43	12.08	17.43	21.32	22.42	22.41	24.19	25.10	22.21	24.18	22.36	21.45	27.61	25.34	30.22	23.08	34.33	20.74	20.33	20.61	19.35	13.21
61756	0.55	0.38	0.29	0.25	0.40	0.55	0.67	0.74	0.86	1.09	0.91	0.85	0.75	0.75	0.88	0.83	1.00	0.73	1.12	0.65	0.65	0.65	0.56	0.48
	24.34	1.56	15.16	-1.46	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.88
MILLWD	26.31	23.23	24.60	22.24	24.08	22.94	24.06	23.98	25.79	26.62	23.69	25.97	24.11	23.58	29.93	27.53	32.85	25.02	37.11	22.37	21.89	22.25	20.90	19.61
61759	2.30	1.60	1.25	1.05	1.64	2.17	2.32	2.31	2.46	2.61	2.39	2.63	2.50	2.47	3.20	3.01	3.62	2.67	3.89	2.28	2.21	2.29	2.11	2.01
	-2.61	-6.53	-10.91	-10.83	-6.25	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.	26.51	23.38	24.71	22.31	24.23	23.19	24.33	24.24	26.05	26.88	23.91	26.20	24.31	23.78	30.19	27.76	33.15	25.22	37.40	22.57	22.09	22.48	21.13	19.87
61761	2.52	1.78	1.41	1.17	1.82	2.42	2.59	2.57	2.72	2.87	2.62	2.87	2.70	2.68	3.46	3.25	3.92	2.88	4.19	2.48	2.42	2.52	2.34	2.26
	-2.59	-6.49	-10.85	-10.77	-6.22	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	-7.91	11.64	-6.43	9.76	15.49	20.06	21.08	21.05	22.67	23.32	20.61	22.69	20.96	12.94	26.01	23.88	28.45	21.84	32.51	19.64	19.15	19.42	18.22	10.56
61755	-0.63	-0.45	-0.38	-0.36	-0.56	-0.71	-0.66	-0.63	-0.66	-0.69	-0.69	-0.64	-0.64	-0.71	-0.72	-0.64	-0.77	-0.50	-0.70	-0.45	-0.52	-0.55	-0.58	-0.59
	28.68	3.01	18.50	0.24	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.45
NPX	26.72	22.67	27.71	24.32	25.20	22.37	22.99	23.37	25.09	25.82	23.26	25.18	23.33	22.77	28.82	26.48	31.55	24.07	35.76	21.65	21.14	21.49	20.43	19.00
61845	1.68	1.19	0.97	0.80	1.27	1.60	1.67	1.70	1.76	1.81	1.63	1.85	1.73	1.67	2.10	1.96	2.32	1.73	2.55	1.53	1.47	1.53	1.41	1.37
	-3.64	-6.39	-14.29	-13.15	-7.74	0.00	0.42	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.03	0.00	-0.22	0.00	-0.03

O H 61846	20.67 <span>-1.13</span> <span>-0.39</span>	15.26 <span>-0.83</span> <span>-0.99</span>	13.49 <span>-0.62</span> <span>-1.66</span>	11.62 <span>-0.40</span> <span>-1.65</span>	16.51 <span>-0.64</span> <span>-0.95</span>	20.18 <span>-0.59</span> <span>0.00</span>	21.15 <span>-0.59</span> <span>0.00</span>	20.91 <span>-0.77</span> <span>0.00</span>	22.60 <span>-0.73</span> <span>0.00</span>	23.20 <span>-0.81</span> <span>0.00</span>	20.51 <span>-0.79</span> <span>0.00</span>	22.34 <span>-1.00</span> <span>0.00</span>	20.55 <span>-1.05</span> <span>0.00</span>	19.99 <span>-1.12</span> <span>0.00</span>	25.15 <span>-1.58</span> <span>0.00</span>	22.97 <span>-1.56</span> <span>0.00</span>	27.34 <span>-1.89</span> <span>0.00</span>	21.10 <span>-1.25</span> <span>0.00</span>	31.50 <span>-1.71</span> <span>0.00</span>	18.95 <span>-1.14</span> <span>0.00</span>	18.71 <span>-0.97</span> <span>0.00</span>	18.90 <span>-1.07</span> <span>0.00</span>	17.79 <span>-1.01</span> <span>0.00</span>	16.65 <span>-0.96</span> <span>0.00</span>
PJM 61847	23.86 <span>0.81</span> <span>-1.65</span>	19.12 <span>0.52</span> <span>-3.50</span>	18.71 <span>0.41</span> <span>-5.85</span>	16.56 <span>0.39</span> <span>-5.81</span>	20.15 <span>0.60</span> <span>-3.35</span>	21.67 <span>0.90</span> <span>0.00</span>	22.32 <span>1.00</span> <span>0.42</span>	22.60 <span>0.92</span> <span>0.00</span>	24.31 <span>0.98</span> <span>0.00</span>	25.02 <span>1.01</span> <span>0.00</span>	22.17 <span>0.87</span> <span>0.00</span>	24.24 <span>0.91</span> <span>0.00</span>	22.42 <span>0.82</span> <span>0.00</span>	21.90 <span>0.79</span> <span>0.00</span>	27.72 <span>0.99</span> <span>0.00</span>	25.44 <span>0.92</span> <span>0.00</span>	30.32 <span>1.09</span> <span>0.00</span>	23.35 <span>0.82</span> <span>-0.18</span>	34.48 <span>1.26</span> <span>0.00</span>	20.71 <span>0.62</span> <span>0.00</span>	20.39 <span>0.71</span> <span>0.00</span>	20.72 <span>0.76</span> <span>0.00</span>	19.52 <span>0.73</span> <span>0.00</span>	18.32 <span>0.72</span> <span>0.00</span>
WEST 61752	20.91 <span>-0.87</span> <span>-0.38</span>	15.39 <span>-0.67</span> <span>-0.96</span>	13.57 <span>-0.48</span> <span>-1.60</span>	11.67 <span>-0.29</span> <span>-1.59</span>	16.65 <span>-0.46</span> <span>-1.59</span>	20.44 <span>-0.32</span> <span>0.00</span>	21.46 <span>-0.29</span> <span>0.00</span>	21.24 <span>-0.43</span> <span>0.00</span>	23.01 <span>-0.32</span> <span>0.00</span>	23.64 <span>-0.37</span> <span>0.00</span>	20.91 <span>-0.39</span> <span>0.00</span>	22.76 <span>-0.58</span> <span>0.00</span>	20.93 <span>-0.67</span> <span>0.00</span>	20.34 <span>-0.76</span> <span>0.00</span>	25.59 <span>-1.13</span> <span>0.00</span>	23.33 <span>-1.19</span> <span>0.00</span>	27.81 <span>-1.42</span> <span>0.00</span>	21.46 <span>-0.89</span> <span>0.00</span>	32.03 <span>-1.18</span> <span>0.00</span>	19.28 <span>-0.81</span> <span>0.00</span>	19.04 <span>-0.64</span> <span>0.00</span>	19.20 <span>-0.76</span> <span>0.00</span>	18.06 <span>-0.74</span> <span>0.00</span>	16.86 <span>-0.74</span> <span>0.00</span>