

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/24/2018

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	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	20.00	15.91	18.61	19.05	18.35	18.49	16.57	21.91	23.29	21.40	21.38	22.26	25.31	25.49	24.91	28.62	29.70	29.74	31.57	35.87	30.88	28.53	23.21	21.10
61757	1.35	1.13	1.18	0.96	0.94	0.62	0.37	1.61	1.71	1.50	1.43	1.44	1.65	1.62	1.55	1.82	1.90	2.08	2.28	2.66	2.23	1.94	1.59	1.40
	-0.55	-0.60	-2.34	-5.80	-5.30	-9.95	-11.54	0.00	0.00	0.00	0.00	0.00	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	18.59	14.53	15.58	13.09	12.82	9.11	5.99	20.73	21.95	20.32	20.46	21.39	24.24	24.44	23.85	27.34	28.32	28.04	29.64	33.61	28.98	27.01	21.96	19.97
61754	0.42	0.28	0.24	0.18	0.15	0.13	0.10	0.43	0.38	0.42	0.50	0.57	0.58	0.57	0.49	0.54	0.52	0.37	0.35	0.40	0.33	0.42	0.34	0.27
	-0.06	-0.06	-0.25	-0.62	-0.57	-1.06	-1.24	0.00	0.00	0.00	0.00	0.00	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	20.15	15.81	17.93	17.35	16.75	15.56	13.25	22.22	23.68	21.89	21.92	22.77	25.94	26.18	25.64	29.39	30.48	30.35	32.05	36.26	31.25	28.97	23.60	21.51
61760	1.65	1.20	1.19	0.96	0.90	0.60	0.43	1.93	2.10	2.00	1.96	1.95	2.28	2.32	2.28	2.59	2.68	2.68	2.77	3.05	2.60	2.37	1.98	1.81
	-0.39	-0.42	-1.65	-4.10	-3.75	-7.04	-8.16	0.00	0.00	0.00	0.00	0.00	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	18.19	14.19	15.14	12.61	12.32	8.63	5.56	19.99	21.21	19.77	19.97	20.94	23.76	23.97	23.43	26.83	27.71	27.30	28.84	32.72	28.29	26.53	21.76	19.63
61753	0.04	-0.04	-0.14	-0.15	-0.21	-0.11	-0.05	-0.31	-0.36	-0.12	0.02	0.11	0.10	0.10	0.07	0.03	-0.09	-0.36	-0.45	-0.49	-0.36	-0.06	0.14	-0.06
	-0.05	-0.05	-0.19	-0.48	-0.44	-0.82	-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
H Q	17.50	13.70	14.62	11.91	11.76	7.68	4.50	19.61	20.88	19.24	19.30	20.15	22.42	23.11	22.62	25.97	26.96	26.81	28.41	32.22	27.81	25.81	20.93	19.05
61844	-0.61	-0.48	-0.46	-0.37	-0.34	-0.24	-0.16	-0.69	-0.69	-0.65	-0.66	-0.68	-0.77	-0.76	-0.74	-0.83	-0.84	-0.85	-0.88	-0.99	-0.84	-0.77	-0.69	-0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	20.05	15.74	17.86	17.29	16.70	15.51	13.18	22.11	23.55	21.76	21.79	22.68	25.84	26.09	25.55	29.29	30.41	30.29	32.01	36.23	31.21	28.90	23.50	21.40
61758	1.55	1.14	1.13	0.92	0.87	0.59	0.40	1.81	1.97	1.87	1.83	1.85	2.18	2.22	2.19	2.49	2.61	2.63	2.72	3.02	2.56	2.30	1.89	1.70
	-0.39	-0.42	-1.64	-4.08	-3.73	-7.01	-8.12	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
LONGIL	20.59	16.19	18.22	17.64	17.05	15.73	13.40	22.96	24.79	23.77	41.76	237.37	122.03	172.32	64.29	56.86	76.93	97.98	73.31	43.54	45.39	35.97	30.71	23.95
61762	2.09	1.58	1.48	1.25	1.19	0.77	0.57	2.66	2.91	2.74	2.65	2.72	3.12	3.21	3.17	3.60	3.73	3.69	3.87	4.28	3.71	3.40	2.92	2.61
	-0.39	-0.42	-1.65	-4.11	-3.76	-7.05	-8.18	0.00	-0.31	-1.14	-19.15	-213.82	-95.24	-145.24	-37.76	-26.46	-45.39	-66.63	-40.15	-6.04	-13.03	-5.98	-6.18	-1.64
MHK VL	18.88	14.76	15.85	13.30	13.07	9.23	6.00	21.21	22.56	20.84	20.93	21.86	24.82	25.04	24.49	28.09	29.15	28.97	30.66	34.74	29.98	27.82	22.53	20.46
61756	0.72	0.52	0.52	0.42	0.42	0.30	0.18	0.91	0.99	0.94	0.98	1.04	1.16	1.17	1.14	1.29	1.34	1.31	1.37	1.52	1.34	1.23	0.92	0.76
	-0.06	-0.06	-0.24	-0.60	-0.55	-1.02	-1.16	0.00	0.00	0.00	0.00	0.00	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	20.11	15.78	17.91	17.36	16.76	15.61	13.31	22.17	23.62	21.84	21.87	22.74	25.94	26.19	25.66	29.43	30.50	30.36	32.08	36.29	31.26	28.95	23.56	21.46
61759	1.61	1.17	1.15	0.93	0.88	0.59	0.41	1.87	2.05	1.95	1.91	1.92	2.27	2.32	2.31	2.63	2.69	2.70	2.79	3.08	2.61	2.36	1.95	1.77
	-0.39	-0.43	-1.67	-4.14	-3.79	-7.11	-8.24	0.00	0.00	0.00	0.00	0.00	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.	20.43	15.99	18.11	17.50	16.90	15.65	13.33	22.50	24.01	22.23	23.26	24.98	24.89	27.56	27.47	30.25	32.76	33.05	34.10	36.81	31.83	29.68	23.93	21.82
61761	1.93	1.38	1.37	1.11	1.04	0.69	0.50	2.21	2.43	2.33	2.29	2.29	2.65	2.69	2.66	3.00	3.09	3.05	3.14	3.44	2.98	2.76	2.31	2.12
	-0.39	-0.42	-1.65	-4.11	-3.76	-7.05	-8.17	0.00	0.00	0.00	-1.02	-1.87	1.43	-1.00	-1.46	-0.45	-1.86	-2.33	-1.67	-0.16	-0.21	-0.33	0.00	0.00
NORTH	17.39	13.58	14.51	11.84	11.71	7.67	4.48	19.53	20.87	19.24	19.32	20.18	22.94	23.16	22.70	26.10	27.14	26.97	28.61	32.45	28.01	25.96	20.98	19.07
61755	-0.72	-0.60	-0.58	-0.45	-0.39	-0.25	-0.18	-0.77	-0.70	-0.66	-0.64	-0.64	-0.73	-0.72	-0.65	-0.70	-0.67	-0.70	-0.68	-0.77	-0.64	-0.63	-0.63	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.02	15.83	18.28	18.26	17.62	17.19	14.81	21.98	23.33	21.48	21.47	22.32	24.79	25.57	24.96	28.65	29.69	30.53	31.51	34.99	31.36	27.89	23.23	21.17
61845	1.44	1.12	1.16	0.94	0.92	0.61	0.37	1.64	1.76	1.58	1.52	1.50	1.72	1.70	1.60	1.85	1.88	2.02	2.22	2.56	2.14	1.88	1.62	1.47
	-0.48	-0.52	-2.03	-5.04	-4.61	-8.67	-9.79	-0.04	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	-0.84	0.00	0.78	-0.57	0.58	0.00	0.00

O H 61846	17.91 <b>-0.26</b> <b>-0.06</b>	13.97 <b>-0.28</b> <b>-0.07</b>	14.95 <b>-0.40</b> <b>-0.26</b>	12.57 <b>-0.36</b> <b>-0.65</b>	12.24 <b>-0.44</b> <b>-0.59</b>	8.76 <b>-0.27</b> <b>-1.11</b>	5.79 <b>-0.16</b> <b>-1.29</b>	19.42 <b>-0.88</b> <b>0.00</b>	20.48 <b>-1.10</b> <b>0.00</b>	19.09 <b>-0.80</b> <b>0.00</b>	19.25 <b>-0.70</b> <b>0.00</b>	20.16 <b>-0.67</b> <b>0.00</b>	22.75 <b>-0.91</b> <b>0.00</b>	22.86 <b>-1.01</b> <b>0.00</b>	22.35 <b>-1.01</b> <b>0.00</b>	25.58 <b>-1.22</b> <b>0.00</b>	26.35 <b>-1.46</b> <b>0.00</b>	25.82 <b>-1.84</b> <b>0.00</b>	27.31 <b>-1.98</b> <b>0.00</b>	31.14 <b>-2.07</b> <b>0.00</b>	26.98 <b>-1.67</b> <b>0.00</b>	25.61 <b>-0.98</b> <b>0.00</b>	21.17 <b>-0.45</b> <b>0.00</b>	35.44 <b>-0.58</b> <b>-16.32</b>
PJM 61847	19.15 <b>0.81</b> <b>-0.24</b>	14.97 <b>0.53</b> <b>-0.26</b>	16.59 <b>0.49</b> <b>-1.00</b>	15.16 <b>0.38</b> <b>-2.49</b>	14.70 <b>0.32</b> <b>-2.28</b>	12.43 <b>0.24</b> <b>-4.28</b>	9.80 <b>0.18</b> <b>-4.96</b>	23.68 <b>0.79</b> <b>-2.59</b>	19.50 <b>0.72</b> <b>2.79</b>	20.62 <b>0.73</b> <b>0.00</b>	20.70 <b>0.74</b> <b>0.00</b>	21.67 <b>0.77</b> <b>-0.08</b>	16.06 <b>0.78</b> <b>8.39</b>	24.62 <b>0.76</b> <b>0.00</b>	24.18 <b>0.75</b> <b>-0.07</b>	27.68 <b>0.85</b> <b>-0.03</b>	28.60 <b>0.79</b> <b>0.00</b>	28.31 <b>0.65</b> <b>0.00</b>	29.91 <b>0.62</b> <b>0.00</b>	33.98 <b>0.77</b> <b>0.00</b>	29.32 <b>0.67</b> <b>0.00</b>	27.43 <b>0.83</b> <b>0.00</b>	22.34 <b>0.72</b> <b>0.00</b>	20.34 <b>0.64</b> <b>0.00</b>
WEST 61752	18.25 <b>0.08</b> <b>-0.06</b>	14.22 <b>-0.03</b> <b>-0.06</b>	15.19 <b>-0.15</b> <b>-0.25</b>	12.74 <b>-0.17</b> <b>-0.63</b>	12.40 <b>-0.27</b> <b>-0.57</b>	8.85 <b>-0.14</b> <b>-1.08</b>	5.83 <b>-0.08</b> <b>-1.25</b>	19.74 <b>-0.56</b> <b>0.00</b>	20.86 <b>-0.71</b> <b>0.00</b>	19.51 <b>-0.39</b> <b>0.00</b>	19.68 <b>-0.27</b> <b>0.00</b>	20.61 <b>-0.21</b> <b>0.00</b>	23.27 <b>-0.39</b> <b>0.00</b>	23.39 <b>-0.48</b> <b>0.00</b>	22.88 <b>-0.48</b> <b>0.00</b>	26.19 <b>-0.62</b> <b>0.00</b>	26.97 <b>-0.83</b> <b>0.00</b>	26.40 <b>-1.26</b> <b>0.00</b>	27.93 <b>-1.36</b> <b>0.00</b>	31.82 <b>-1.39</b> <b>0.00</b>	27.55 <b>-1.10</b> <b>0.00</b>	26.15 <b>-0.44</b> <b>0.00</b>	21.62 <b>0.00</b> <b>0.00</b>	19.49 <b>-0.22</b> <b>0.00</b>