

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/10/2019

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	22.69	17.24	17.54	17.05	16.77	20.71	20.94	21.90	22.42	22.93	22.21	23.31	26.55	27.76	26.14	31.35	29.56	27.05	26.62	25.38	27.52	24.89	22.95	18.23
61757	0.98	1.14	0.70	0.91	0.82	0.53	1.49	1.78	1.87	1.92	1.84	1.91	1.97	2.09	2.00	2.29	2.22	2.10	2.17	2.23	2.43	2.13	1.91	1.48
	-10.29	-2.57	-8.49	-5.40	-6.42	-14.15	-2.38	0.00	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60
CENTRL	12.64	13.87	9.34	11.40	10.30	7.69	17.54	20.36	20.80	20.94	20.72	21.82	25.13	26.27	24.67	29.78	27.97	25.58	25.00	27.92	30.45	27.42	21.45	16.62
61754	0.07	0.06	0.02	0.05	0.05	0.05	0.21	0.24	0.27	0.31	0.35	0.42	0.55	0.61	0.53	0.72	0.63	0.63	0.54	0.46	0.61	0.53	0.41	0.39
	-1.16	-0.29	-0.96	-0.61	-0.73	-1.60	-0.27	0.00	0.00	-0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.32	-4.75	-4.12	0.00	-0.07
DUNWOD	20.30	16.70	15.51	15.77	15.20	17.25	20.48	22.11	22.75	23.31	22.76	23.90	27.22	28.31	26.62	32.08	30.21	27.56	27.03	25.59	27.70	25.17	23.26	18.29
61760	1.13	1.23	0.75	0.96	0.83	0.55	1.62	1.99	2.20	2.40	2.38	2.51	2.64	2.64	2.48	3.01	2.87	2.61	2.57	2.44	2.61	2.40	2.22	1.69
	-7.77	-1.94	-6.41	-4.08	-4.84	-10.66	-1.79	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45
GENESE	11.97	13.37	8.81	10.85	9.77	7.06	16.89	19.68	20.14	20.21	20.11	21.14	24.57	25.81	24.29	29.29	27.52	25.15	24.54	23.19	25.47	22.99	21.16	16.48
61753	-0.29	-0.36	-0.25	-0.34	-0.28	-0.15	-0.37	-0.44	-0.40	-0.32	-0.27	-0.18	-0.01	0.14	0.15	0.23	0.18	0.19	0.08	0.04	0.39	0.22	0.12	0.27
	-0.85	-0.21	-0.70	-0.45	-0.53	-1.17	-0.20	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05
H Q	11.06	13.16	8.14	10.46	9.27	5.86	16.54	19.51	19.88	19.85	19.65	20.61	23.72	31.18	23.29	28.04	26.38	24.06	23.56	10.31	10.94	10.44	20.25	15.51
61844	-0.35	-0.37	-0.21	-0.28	-0.24	-0.17	-0.53	-0.61	-0.66	-0.71	-0.73	-0.79	-0.86	-0.88	-0.84	-1.02	-0.96	-0.90	-0.89	-0.86	-0.95	-0.89	-0.78	-0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.40	0.00	0.00	0.00	0.00	0.00	11.98	13.19	11.44	0.00	0.00
HUD VL	20.08	16.53	15.35	15.61	15.05	17.06	20.31	21.89	22.50	23.02	22.48	23.61	26.92	28.02	26.35	31.77	29.92	27.30	26.76	25.35	27.44	24.91	23.01	18.08
61758	1.00	1.09	0.67	0.85	0.74	0.50	1.47	1.77	1.96	2.12	2.11	2.22	2.34	2.35	2.22	2.71	2.58	2.35	2.31	2.20	2.35	2.14	1.97	1.49
	-7.66	-1.92	-6.33	-4.02	-4.78	-10.52	-1.77	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44
LONGIL	20.69	17.12	15.79	16.11	15.51	17.46	20.94	22.80	23.45	25.11	33.18	28.10	27.91	28.99	27.24	32.91	31.08	39.54	27.68	26.18	28.32	25.72	23.76	18.60
61762	1.50	1.65	1.02	1.29	1.15	0.75	2.08	2.67	2.91	3.14	3.08	3.22	3.33	3.33	3.11	3.84	3.73	3.43	3.23	3.04	3.23	2.96	2.72	1.99
	-7.78	-1.94	-6.42	-4.08	-4.85	-10.67	-1.79	0.00	0.00	-1.40	-9.73	-3.49	0.00	0.00	0.00	0.00	0.00	-11.16	0.00	0.00	0.00	0.00	0.00	-0.45
MHK VL	12.81	14.10	9.48	11.57	10.45	7.71	17.78	20.74	21.19	21.26	21.03	22.08	25.35	26.44	24.83	29.96	28.19	25.78	25.26	30.11	32.92	29.53	21.53	16.55
61756	0.25	0.29	0.18	0.23	0.22	0.14	0.46	0.62	0.65	0.64	0.65	0.68	0.77	0.77	0.70	0.89	0.85	0.83	0.80	0.74	0.75	0.61	0.50	0.33
	-1.15	-0.29	-0.94	-0.60	-0.71	-1.54	-0.25	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.23	-7.08	-6.15	0.00	-0.06
MILLWD	20.33	16.68	15.54	15.77	15.21	17.32	20.45	22.05	22.69	23.24	22.70	23.83	27.14	28.23	26.55	31.99	30.13	27.48	26.91	25.49	27.60	25.06	23.15	18.21
61759	1.09	1.19	0.72	0.92	0.80	0.53	1.58	1.93	2.15	2.33	2.32	2.43	2.56	2.57	2.42	2.93	2.79	2.53	2.46	2.34	2.51	2.29	2.11	1.60
	-7.83	-1.96	-6.46	-4.11	-4.88	-10.74	-1.80	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45
N.Y.C.	20.42	16.84	15.60	15.88	15.29	17.31	20.65	22.30	22.97	23.56	23.01	24.15	27.47	28.56	26.85	32.35	30.45	28.03	27.24	25.80	27.94	25.42	23.50	18.49
61761	1.24	1.37	0.83	1.06	0.92	0.61	1.79	2.18	2.43	2.65	2.63	2.76	2.89	2.89	2.72	3.28	3.10	2.84	2.79	2.66	2.85	2.65	2.47	1.89
	-7.77	-1.94	-6.41	-4.08	-4.84	-10.66	-1.79	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00	0.00	0.00	-0.45
NORTH	11.11	13.23	8.21	10.54	9.36	5.88	16.61	19.57	19.87	19.78	19.50	20.43	23.53	24.65	23.17	27.91	26.23	23.90	23.34	-14.39	-16.37	-13.16	19.97	15.18
61755	-0.30	-0.30	-0.14	-0.19	-0.16	-0.15	-0.46	-0.55	-0.67	-0.79	-0.88	-0.97	-1.05	-1.01	-0.96	-1.15	-1.10	-1.06	-1.12	-1.24	-1.45	-1.37	-1.07	-0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.29	40.00	34.56	0.00	0.00
NPX	23.09	16.85	16.34	16.23	15.80	18.74	20.55	21.61	22.42	22.78	22.15	23.25	26.47	27.58	25.96	31.22	29.42	26.78	26.36	25.03	27.11	24.67	23.24	21.48
61845	0.90	1.02	0.63	0.81	0.72	0.46	1.31	1.53	1.70	1.82	1.77	1.86	1.89	1.92	1.82	2.16	2.08	1.83	1.91	1.88	2.02	1.84	1.72	1.34
	-10.78	-2.31	-7.36	-4.68	-5.56	-12.24	-2.18	0.04	-0.17	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.48	-3.99

O H 61846	12.05 <span>-0.50</span> <span>-1.15</span>	13.21 <span>-0.60</span> <span>-0.29</span>	8.91 <span>-0.39</span> <span>-0.95</span>	10.84 <span>-0.51</span> <span>-0.60</span>	9.81 <span>-0.43</span> <span>-0.72</span>	7.35 <span>-0.27</span> <span>-1.58</span>	16.53 <span>-0.80</span> <span>-0.27</span>	19.12 <span>-1.00</span> <span>0.00</span>	19.57 <span>-0.97</span> <span>0.00</span>	19.78 <span>-0.78</span> <span>0.01</span>	19.64 <span>-0.74</span> <span>0.00</span>	20.68 <span>-0.65</span> <span>0.06</span>	23.98 <span>-0.59</span> <span>0.00</span>	25.17 <span>-0.50</span> <span>0.00</span>	23.59 <span>-0.55</span> <span>0.00</span>	28.45 <span>-0.61</span> <span>0.00</span>	26.62 <span>-0.72</span> <span>0.00</span>	24.33 <span>-0.62</span> <span>0.00</span>	23.67 <span>-0.79</span> <span>0.00</span>	22.30 <span>-0.85</span> <span>0.00</span>	24.60 <span>-0.49</span> <span>0.00</span>	22.23 <span>-0.54</span> <span>0.00</span>	20.56 <span>-0.48</span> <span>0.00</span>	16.22 <span>0.00</span> <span>-0.07</span>
PJM 61847	16.53 <span>0.42</span> <span>-4.70</span>	15.12 <span>0.43</span> <span>-1.17</span>	12.21 <span>0.22</span> <span>-3.63</span>	13.36 <span>0.32</span> <span>-2.31</span>	12.54 <span>0.27</span> <span>-2.75</span>	12.26 <span>0.19</span> <span>-6.04</span>	18.61 <span>0.53</span> <span>-1.01</span>	20.74 <span>0.62</span> <span>0.00</span>	21.26 <span>0.72</span> <span>0.00</span>	21.79 <span>0.90</span> <span>-0.33</span>	21.28 <span>0.90</span> <span>0.00</span>	22.56 <span>1.01</span> <span>-0.15</span>	25.64 <span>1.06</span> <span>0.00</span>	33.15 <span>1.08</span> <span>-6.40</span>	25.09 <span>0.95</span> <span>0.00</span>	30.31 <span>1.25</span> <span>0.00</span>	28.45 <span>1.10</span> <span>0.00</span>	26.00 <span>1.05</span> <span>0.00</span>	25.39 <span>0.93</span> <span>0.00</span>	23.97 <span>0.82</span> <span>0.00</span>	26.13 <span>1.04</span> <span>0.00</span>	23.72 <span>0.96</span> <span>0.00</span>	21.94 <span>0.90</span> <span>0.00</span>	17.25 <span>0.84</span> <span>-0.25</span>
WEST 61752	12.19 <span>-0.33</span> <span>-1.11</span>	13.39 <span>-0.41</span> <span>-0.28</span>	8.99 <span>-0.28</span> <span>-0.92</span>	10.96 <span>-0.37</span> <span>-0.58</span>	9.91 <span>-0.30</span> <span>-0.69</span>	7.38 <span>-0.18</span> <span>-1.53</span>	16.81 <span>-0.52</span> <span>-0.26</span>	19.50 <span>-0.62</span> <span>0.00</span>	20.05 <span>-0.50</span> <span>-0.01</span>	20.85 <span>-0.29</span> <span>-0.57</span>	20.13 <span>-0.24</span> <span>0.00</span>	21.81 <span>-0.16</span> <span>-0.57</span>	24.56 <span>-0.02</span> <span>0.00</span>	25.76 <span>0.10</span> <span>0.00</span>	24.15 <span>0.02</span> <span>0.00</span>	29.12 <span>0.06</span> <span>0.00</span>	27.24 <span>-0.10</span> <span>0.00</span>	24.89 <span>-0.06</span> <span>0.00</span>	24.19 <span>-0.27</span> <span>0.00</span>	22.76 <span>-0.39</span> <span>0.00</span>	25.14 <span>0.05</span> <span>0.00</span>	22.73 <span>-0.03</span> <span>0.00</span>	20.99 <span>-0.04</span> <span>0.00</span>	16.55 <span>0.33</span> <span>-0.06</span>