

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/23/2023

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	16.24	16.78	16.75	15.02	17.64	24.59	22.97	22.14	22.47	20.35	23.70	22.81	22.86	20.64	19.44	19.50	19.73	20.74	21.58	22.13	22.13	21.52	22.53	19.21
61757	0.78	0.77	0.80	0.64	0.63	0.19	0.44	0.93	1.04	0.84	1.09	1.00	0.99	0.93	0.84	0.77	0.81	0.91	1.00	1.03	1.07	1.09	1.16	0.89
	0.00	0.00	-0.15	-2.19	-5.40	-21.01	-14.49	-3.66	0.00	0.00	0.00	0.00	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	15.42	15.96	15.76	12.45	12.33	6.34	10.12	18.09	21.39	19.47	22.54	21.71	21.82	19.63	18.60	18.77	18.95	19.89	20.62	21.17	21.14	20.66	21.62	18.59
61754	-0.04	-0.04	-0.07	-0.04	-0.04	0.00	0.04	0.01	-0.04	-0.04	-0.07	-0.10	-0.05	-0.07	0.00	0.03	0.04	0.07	0.04	0.07	0.08	0.23	0.25	0.27
	0.00	0.00	-0.02	-0.31	-0.76	-2.95	-2.05	-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
DUNWOD	16.43	16.98	16.87	14.64	16.55	20.01	19.90	21.63	22.92	20.87	24.24	23.43	23.47	21.21	19.99	20.14	20.34	21.28	22.06	22.50	22.43	21.82	22.88	19.55
61760	0.97	0.97	0.95	0.75	0.72	0.22	0.56	1.22	1.49	1.37	1.63	1.62	1.60	1.50	1.39	1.41	1.42	1.46	1.48	1.40	1.37	1.38	1.51	1.23
	0.00	0.00	-0.12	-1.71	-4.21	-16.40	-11.30	-2.86	0.00	0.00	0.00	0.00	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	14.99	15.50	15.34	12.07	11.86	5.59	9.44	17.38	20.68	18.81	21.82	21.05	21.25	19.18	18.19	18.35	18.47	19.37	20.07	20.65	20.68	20.24	21.32	18.49
61753	-0.48	-0.51	-0.48	-0.36	-0.34	-0.09	-0.17	-0.56	-0.75	-0.70	-0.79	-0.76	-0.61	-0.53	-0.40	-0.39	-0.44	-0.45	-0.51	-0.45	-0.38	-0.20	-0.06	0.17
	0.00	0.00	-0.02	-0.24	-0.59	-2.29	-1.58	-0.40	0.00	0.00	0.00	0.00	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	15.28	15.83	15.62	12.03	11.46	3.34	7.89	17.27	19.34	19.30	22.34	21.55	21.60	19.43	18.31	18.46	18.62	19.49	20.23	20.75	20.71	20.11	20.98	17.96
61844	-0.19	-0.18	-0.19	-0.15	-0.16	-0.05	-0.15	-0.27	-0.27	-0.21	-0.28	-0.26	-0.27	-0.28	-0.29	-0.28	-0.30	-0.34	-0.35	-0.35	-0.35	-0.33	-0.39	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	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
HUD VL	16.30	16.84	16.74	14.50	16.36	19.60	19.57	21.41	22.71	20.66	23.98	23.17	23.23	20.99	19.79	19.95	20.15	21.12	21.91	22.38	22.33	21.71	22.76	19.44
61758	0.84	0.83	0.82	0.65	0.63	0.20	0.49	1.07	1.27	1.16	1.37	1.37	1.36	1.28	1.19	1.21	1.23	1.30	1.34	1.28	1.27	1.28	1.38	1.12
	0.00	0.00	-0.11	-1.67	-4.11	-16.01	-11.04	-2.79	0.00	0.00	0.00	0.00	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	17.87	17.20	17.05	14.80	16.73	20.10	29.80	21.86	23.11	22.00	31.54	31.14	28.95	26.62	27.11	27.38	25.23	21.34	22.17	22.71	22.68	22.12	23.25	19.82
61762	1.22	1.19	1.14	0.91	0.90	0.30	0.71	1.46	1.68	1.59	1.86	1.84	1.80	1.68	1.56	1.58	1.63	1.51	1.59	1.61	1.62	1.68	1.88	1.50
	-1.18	0.00	-0.12	-1.71	-4.22	-16.41	-21.05	-2.86	0.00	-0.90	-7.07	-7.50	-5.28	-5.24	-6.95	-7.06	-4.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	15.86	16.42	16.22	12.81	12.72	6.65	10.44	18.58	21.93	19.95	23.04	22.20	22.26	20.06	18.95	19.11	19.31	20.30	21.13	21.71	21.71	21.14	22.07	18.87
61756	0.40	0.41	0.39	0.29	0.29	0.10	0.24	0.47	0.50	0.44	0.43	0.40	0.39	0.36	0.35	0.37	0.39	0.48	0.55	0.61	0.65	0.71	0.69	0.55
	0.00	0.00	-0.02	-0.33	-0.82	-3.16	-2.17	-0.56	0.00	0.00	0.00	0.00	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	16.37	16.91	16.81	14.61	16.54	20.12	19.96	21.59	22.84	20.79	24.14	23.32	23.36	21.11	19.91	20.07	20.27	21.23	22.01	22.47	22.40	21.78	22.84	19.51
61759	0.91	0.90	0.88	0.70	0.68	0.21	0.53	1.17	1.41	1.28	1.53	1.51	1.49	1.41	1.32	1.34	1.35	1.40	1.43	1.36	1.35	1.35	1.47	1.19
	0.00	0.00	-0.12	-1.72	-4.25	-16.52	-11.39	-2.88	0.00	0.00	0.00	0.00	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.	16.54	17.08	16.96	14.72	16.63	20.04	19.96	21.77	23.09	21.05	24.66	23.62	23.65	21.37	20.15	20.31	20.50	21.43	22.21	22.62	22.56	21.94	23.04	19.67
61761	1.07	1.07	1.04	0.82	0.79	0.24	0.61	1.36	1.66	1.54	1.81	1.80	1.78	1.66	1.55	1.57	1.58	1.61	1.63	1.52	1.50	1.51	1.67	1.35
	0.00	0.00	-0.12	-1.71	-4.21	-16.41	-11.31	-2.86	0.00	0.00	-0.23	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
NORTH	15.43	15.97	15.75	12.13	11.54	3.37	7.95	17.39	21.27	19.47	22.54	21.72	21.78	19.57	18.41	18.56	18.70	19.60	20.40	20.98	20.95	20.33	21.08	17.85
61755	-0.03	-0.04	-0.05	-0.05	-0.08	-0.02	-0.08	-0.16	-0.16	-0.04	-0.08	-0.09	-0.09	-0.13	-0.18	-0.18	-0.21	-0.22	-0.17	-0.12	-0.11	-0.10	-0.29	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.12	16.65	16.61	14.67	16.94	22.16	21.23	21.56	20.48	20.20	23.54	22.57	22.75	20.57	19.39	19.46	19.67	20.65	21.44	22.11	22.00	21.41	22.86	18.45
61845	0.65	0.65	0.68	0.55	0.54	0.16	0.37	0.77	0.86	0.69	0.93	0.88	0.88	0.86	0.79	0.75	0.77	0.83	0.87	0.90	0.94	0.98	1.09	0.85
	0.00	0.00	-0.13	-1.94	-4.78	-18.61	-12.83	-3.24	1.81	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.01	0.00	0.00	-0.11	0.00	0.00	-0.39	0.72

O H 61846	14.56 <span>-0.91</span> <span>0.00</span>	15.09 <span>-0.92</span> <span>0.00</span>	14.96 <span>-0.87</span> <span>-0.02</span>	11.81 <span>-0.66</span> <span>-0.28</span>	11.67 <span>-0.64</span> <span>-0.70</span>	5.93 <span>-0.19</span> <span>-2.72</span>	9.51 <span>-0.40</span> <span>-1.88</span>	16.87 <span>-1.15</span> <span>-0.47</span>	20.03 <span>-1.40</span> <span>0.00</span>	18.96 <span>-1.26</span> <span>-0.71</span>	21.19 <span>-1.42</span> <span>0.00</span>	29.34 <span>-1.35</span> <span>-8.88</span>	20.75 <span>-1.12</span> <span>0.00</span>	26.58 <span>-1.00</span> <span>-7.87</span>	17.76 <span>-0.84</span> <span>0.00</span>	17.87 <span>-0.86</span> <span>0.00</span>	24.56 <span>-0.97</span> <span>-6.61</span>	31.76 <span>-1.07</span> <span>-13.01</span>	19.36 <span>-1.22</span> <span>0.00</span>	19.95 <span>-1.14</span> <span>0.00</span>	19.97 <span>-1.08</span> <span>0.00</span>	19.56 <span>-0.87</span> <span>0.00</span>	20.79 <span>-0.58</span> <span>0.00</span>	18.19 <span>-0.13</span> <span>0.00</span>
PJM 61847	15.76 <span>0.30</span> <span>0.00</span>	16.31 <span>0.30</span> <span>0.00</span>	16.18 <span>0.30</span> <span>-0.07</span>	13.47 <span>0.23</span> <span>-1.05</span>	14.45 <span>0.23</span> <span>-2.60</span>	13.58 <span>0.07</span> <span>-10.12</span>	15.22 <span>0.21</span> <span>-6.97</span>	19.71 <span>0.40</span> <span>-1.76</span>	20.12 <span>0.50</span> <span>1.81</span>	19.99 <span>0.49</span> <span>0.00</span>	23.18 <span>0.57</span> <span>0.00</span>	22.35 <span>0.55</span> <span>0.00</span>	22.47 <span>0.60</span> <span>0.00</span>	20.30 <span>0.59</span> <span>0.00</span>	19.19 <span>0.59</span> <span>0.00</span>	19.35 <span>0.61</span> <span>0.00</span>	19.50 <span>0.58</span> <span>0.00</span>	20.41 <span>0.59</span> <span>0.00</span>	21.11 <span>0.53</span> <span>0.00</span>	21.59 <span>0.50</span> <span>0.00</span>	21.54 <span>0.48</span> <span>0.00</span>	21.01 <span>0.57</span> <span>0.00</span>	22.11 <span>0.74</span> <span>0.00</span>	19.04 <span>0.72</span> <span>0.00</span>
WEST 61752	14.93 <span>-0.53</span> <span>0.00</span>	15.46 <span>-0.55</span> <span>0.00</span>	15.30 <span>-0.53</span> <span>-0.02</span>	12.08 <span>-0.41</span> <span>-0.30</span>	11.98 <span>-0.39</span> <span>-0.75</span>	6.21 <span>-0.12</span> <span>-2.94</span>	9.84 <span>-0.23</span> <span>-2.03</span>	17.36 <span>-0.70</span> <span>-0.51</span>	20.61 <span>-0.82</span> <span>0.00</span>	18.81 <span>-0.70</span> <span>0.00</span>	21.81 <span>-0.80</span> <span>0.00</span>	21.03 <span>-0.77</span> <span>0.00</span>	21.30 <span>-0.57</span> <span>0.00</span>	19.24 <span>-0.47</span> <span>0.00</span>	18.29 <span>-0.31</span> <span>0.00</span>	18.39 <span>-0.34</span> <span>0.00</span>	18.49 <span>-0.43</span> <span>0.00</span>	19.33 <span>-0.50</span> <span>0.00</span>	19.95 <span>-0.63</span> <span>0.00</span>	20.53 <span>-0.57</span> <span>0.00</span>	20.52 <span>-0.53</span> <span>0.00</span>	20.10 <span>-0.34</span> <span>0.00</span>	21.31 <span>-0.07</span> <span>0.00</span>	18.57 <span>0.25</span> <span>0.00</span>