

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/08/2018

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	36.17	31.42	28.43	25.35	26.71	29.48	30.48	32.38	39.40	38.41	40.29	41.08	40.91	42.16	47.55	43.27	48.89	45.36	41.31	41.42	44.69	41.38	37.43	38.63
61757	2.50	2.19	2.02	1.83	1.96	2.11	2.11	2.37	2.86	2.69	2.90	3.04	3.12	3.24	3.75	3.21	3.41	3.20	3.21	3.32	3.57	3.09	2.66	2.71
	0.00	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	-1.02	-1.91	-2.35	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	34.27	29.65	26.78	23.95	26.47	29.35	30.75	31.70	37.24	36.11	37.98	38.54	38.17	39.32	44.24	39.50	44.20	40.25	38.48	38.44	41.52	38.69	35.23	36.48
61754	0.60	0.41	0.36	0.31	0.34	0.55	0.64	0.67	0.70	0.38	0.58	0.50	0.37	0.39	0.45	0.46	0.63	0.44	0.37	0.34	0.41	0.40	0.46	0.57
	0.00	0.00	0.00	-0.12	-1.38	-1.43	-1.74	-1.02	0.00	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	36.62	31.79	28.65	25.53	26.89	29.59	30.82	32.73	39.92	39.04	41.12	41.83	41.59	42.83	48.27	65.06	99.42	107.69	41.89	41.90	45.19	41.92	38.09	39.48
61760	2.95	2.56	2.23	2.02	2.14	2.21	2.45	2.73	3.38	3.31	3.72	3.80	3.79	3.91	4.47	3.96	4.18	3.84	3.79	3.80	4.08	3.63	3.32	3.56
	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	-22.05	-51.66	-64.04	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	34.00	29.16	26.39	23.55	24.78	27.85	29.01	30.42	36.74	35.60	37.31	37.77	37.16	38.33	43.12	38.68	43.59	39.76	38.00	37.93	40.98	38.35	35.20	36.48
61753	0.33	-0.07	-0.02	0.03	0.03	0.47	0.64	0.42	0.20	-0.12	-0.08	-0.26	-0.64	-0.59	-0.68	-0.37	0.02	-0.04	-0.10	-0.17	-0.13	0.06	0.43	0.57
	0.00	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
H Q	32.57	28.34	25.62	22.78	23.98	26.55	27.49	29.37	35.36	34.59	36.20	36.84	36.80	37.70	42.39	37.78	61.06	38.59	36.87	36.87	39.80	37.16	33.68	34.69
61844	-1.10	-0.89	-0.80	-0.74	-0.77	-0.83	-0.88	-0.99	-1.18	-1.14	-1.19	-1.19	-1.17	-1.22	-1.41	-1.26	-1.34	-1.21	-1.24	-1.23	-1.31	-1.13	-1.09	-1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-18.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	36.51	31.67	28.55	25.44	26.79	29.50	30.71	32.64	39.84	38.98	41.02	41.76	41.56	42.85	48.32	59.68	90.99	97.22	41.94	41.90	45.21	41.92	38.03	39.31
61758	2.84	2.44	2.13	1.92	2.04	2.13	2.34	2.64	3.31	3.26	3.63	3.73	3.76	3.93	4.52	4.00	4.31	3.93	3.84	3.81	4.09	3.63	3.25	3.40
	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	-16.64	-43.11	-53.49	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	37.65	32.87	29.54	26.29	27.66	30.50	31.74	33.54	41.02	40.03	42.57	43.17	43.43	45.72	54.57	68.54	109.63	194.13	53.02	46.09	46.47	47.00	46.01	60.68
61762	3.97	3.64	3.12	2.78	2.92	3.12	3.36	3.53	4.48	4.30	5.05	5.14	5.20	5.31	5.83	4.95	4.93	4.96	4.91	4.97	5.35	4.57	4.34	4.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.43	-1.49	-4.94	-24.54	-61.13	-149.36	-10.00	-3.03	0.00	-4.14	-6.90	-19.87
MHK VL	35.05	30.36	27.40	24.43	26.41	29.26	30.57	32.04	38.39	37.48	39.41	40.08	39.80	40.98	46.08	42.55	49.61	46.56	40.05	40.06	43.25	40.22	36.43	37.52
61756	1.37	1.12	0.98	0.85	0.91	1.11	1.26	1.43	1.85	1.75	2.02	2.05	2.00	2.06	2.28	2.04	2.25	2.03	1.95	1.96	2.13	1.93	1.66	1.61
	0.00	0.00	0.00	-0.06	-0.74	-0.78	-0.95	-0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	-3.78	-4.73	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	36.61	31.78	28.63	25.51	26.86	29.56	30.79	32.74	39.96	39.08	41.14	41.88	41.69	42.97	48.45	64.42	99.67	107.92	42.03	42.03	45.30	42.01	38.12	39.46
61759	2.94	2.54	2.21	1.99	2.11	2.19	2.42	2.74	3.42	3.35	3.75	3.85	3.89	4.04	4.65	4.12	4.37	4.00	3.93	3.94	4.19	3.72	3.35	3.55
	0.00	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	-21.25	-51.73	-64.11	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	38.35	32.25	29.07	25.91	27.29	30.01	29.18	30.80	40.47	39.62	41.02	42.34	42.06	46.48	60.81	79.22	98.98	110.32	44.88	42.37	44.18	44.98	41.01	50.79
61761	3.47	3.01	2.65	2.39	2.54	2.63	2.91	3.19	3.92	3.85	4.26	4.31	4.26	4.39	5.02	4.42	4.65	4.27	4.27	4.28	4.57	4.17	3.85	4.16
	-1.21	0.00	0.00	0.00	0.00	0.00	2.10	2.39	-0.01	-0.04	0.63	0.00	0.00	-3.17	-11.98	-35.75	-50.76	-66.24	-2.51	0.00	1.50	-2.51	-2.39	-10.72
NORTH	32.65	28.42	25.69	22.85	24.07	26.69	27.64	29.01	35.46	34.69	36.37	37.07	36.86	37.91	42.53	37.88	42.41	38.76	36.96	36.97	39.96	37.40	33.81	34.61
61755	-1.02	-0.81	-0.72	-0.67	-0.68	-0.69	-0.72	-0.99	-1.08	-1.04	-1.02	-0.97	-0.94	-1.02	-1.27	-1.17	-1.16	-1.04	-1.14	-1.13	-1.16	-0.89	-0.96	-1.30
	0.00	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	37.54	31.54	28.40	25.42	26.78	29.48	30.51	32.88	39.89	38.38	40.30	41.06	41.08	45.69	48.53	51.30	82.28	92.59	64.73	52.68	52.13	42.46	37.38	38.45
61845	2.64	2.31	2.07	1.90	2.03	2.10	2.14	2.39	2.85	2.65	2.91	3.03	3.11	3.25	3.70	3.19	3.33	3.12	3.09	3.22	3.47	3.04	2.66	2.85
	-1.23	0.00	0.08	0.00	0.00	0.00	0.00	-0.48	-0.50	0.00	0.00	0.00	-0.16	-3.52	-1.03	-9.07	-35.38	-49.67	-23.53	-11.36	-7.55	-1.13	0.06	0.32

O H 61846	33.04 <b>-0.63</b> 0.00	28.31 <b>-0.92</b> 0.00	25.74 <b>-0.68</b> 0.00	23.01 <b>-0.51</b> 0.00	24.24 <b>-0.51</b> 0.00	27.34 <b>-0.04</b> 0.00	28.38 <b>0.01</b> 0.00	29.57 <b>-0.44</b> 0.00	35.57 <b>-0.97</b> 0.00	34.39 <b>-1.33</b> 0.00	35.81 <b>-1.58</b> 0.00	35.98 <b>-2.05</b> 0.00	35.27 <b>-2.53</b> 0.00	36.34 <b>-2.58</b> 0.00	40.77 <b>-3.03</b> 0.00	36.54 <b>-2.51</b> 0.00	41.27 <b>-2.30</b> 0.00	37.57 <b>-2.24</b> 0.00	35.97 <b>-2.13</b> 0.00	35.96 <b>-2.14</b> 0.00	38.83 <b>-2.28</b> 0.00	36.52 <b>-1.77</b> 0.00	33.82 <b>-0.96</b> 0.00	35.27 <b>-0.64</b> 0.00
PJM 61847	27.37 <b>1.07</b> 7.38	21.03 <b>0.84</b> 9.05	20.81 <b>0.76</b> 6.36	19.71 <b>0.68</b> 4.49	20.75 <b>0.77</b> 4.77	21.50 <b>0.92</b> 6.79	16.26 <b>1.04</b> 13.16	16.26 <b>1.10</b> 14.84	20.65 <b>1.30</b> 17.18	11.87 <b>1.07</b> 24.92	27.28 <b>1.20</b> 11.32	31.39 <b>1.09</b> 7.73	38.93 <b>0.96</b> -0.16	38.23 <b>0.97</b> 1.67	44.88 <b>1.08</b> 0.00	49.06 <b>1.04</b> -8.97	85.84 <b>1.21</b> -41.06	50.35 <b>0.90</b> -9.64	35.30 <b>0.88</b> 3.68	38.93 <b>0.87</b> 0.03	32.47 <b>0.97</b> 9.62	36.91 <b>0.91</b> 2.29	28.33 <b>1.03</b> 7.47	29.16 <b>1.29</b> 8.04
WEST 61752	33.85 <b>0.18</b> 0.00	28.93 <b>-0.30</b> 0.00	26.29 <b>-0.13</b> 0.00	23.49 <b>-0.03</b> 0.00	24.74 <b>-0.01</b> 0.00	27.95 <b>0.57</b> 0.00	29.02 <b>0.66</b> 0.00	30.22 <b>0.21</b> 0.00	36.39 <b>-0.15</b> 0.00	35.23 <b>-0.49</b> 0.00	36.65 <b>-0.74</b> 0.00	36.87 <b>-1.16</b> 0.00	36.07 <b>-1.73</b> 0.00	37.22 <b>-1.71</b> 0.00	41.76 <b>-2.04</b> 0.00	37.45 <b>-1.59</b> 0.00	42.35 <b>-1.22</b> 0.00	38.53 <b>-1.27</b> 0.00	36.84 <b>-1.27</b> 0.00	36.74 <b>-1.35</b> 0.00	39.68 <b>-1.44</b> 0.00	37.40 <b>-0.89</b> 0.00	34.69 <b>-0.08</b> 0.00	36.17 <b>0.25</b> 0.00