

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/11/2016

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	35.05	34.54	32.12	29.82	33.24	35.28	29.14	33.15	37.10	40.55	64.90	79.12	122.35	662.06	380.42	356.67	286.05	165.05	60.72	59.36	60.55	72.38	40.41	25.09
61757	2.38	2.56	2.37	2.12	2.33	2.48	2.05	2.26	2.51	2.74	4.39	5.09	8.15	45.27	26.14	26.71	21.33	12.64	4.80	4.63	4.86	5.53	2.98	1.74
	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	-1.30	-1.28	-0.29	0.00	-0.57	-1.03
CENTRL	33.14	32.29	29.93	27.89	31.23	33.21	27.42	31.41	35.28	38.72	62.24	76.39	117.75	636.31	364.83	338.74	271.38	156.09	55.66	54.54	56.36	68.13	37.43	22.54
61754	0.47	0.32	0.19	0.19	0.32	0.40	0.34	0.52	0.69	0.91	1.74	2.36	3.55	19.52	10.55	8.77	6.66	3.68	1.03	1.09	0.96	1.27	0.57	0.22
	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	0.00	0.00	0.00	0.00	0.00
DUNWOD	35.94	35.23	32.77	30.44	33.91	35.97	29.86	33.95	37.79	41.16	65.66	80.24	123.76	671.55	386.26	361.69	289.96	167.15	81.09	79.09	65.02	72.33	49.38	41.24
61760	3.27	3.26	3.03	2.74	3.00	3.16	2.78	3.06	3.20	3.35	5.16	6.21	9.56	54.76	31.98	31.72	25.25	14.74	5.21	4.73	4.81	5.48	3.24	2.09
	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	-21.25	-20.91	-4.81	0.00	-9.27	-16.83
GENESE	33.25	32.01	29.64	27.74	31.12	33.23	27.40	31.59	35.67	39.15	63.18	77.85	120.21	651.14	373.75	344.76	276.53	158.26	56.37	55.27	57.13	69.43	38.08	22.73
61753	0.58	0.04	-0.11	0.04	0.21	0.42	0.32	0.70	1.08	1.34	2.68	3.82	6.01	34.36	19.47	14.79	11.82	5.86	1.74	1.81	1.73	2.57	1.22	0.41
	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	31.60	30.85	28.69	26.72	29.82	31.69	26.19	29.89	33.51	36.65	58.58	71.76	110.67	595.89	308.25	317.69	255.08	146.69	56.09	0.00	53.54	65.40	50.91	22.79
61844	-1.08	-1.13	-1.05	-0.98	-1.09	-1.12	-0.90	-1.00	-1.08	-1.16	-1.92	-2.27	-3.53	-20.90	-12.12	-12.27	-9.64	-5.71	-2.05	-1.88	-1.85	-2.08	-1.13	-0.68
	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	33.91	0.00	0.00	0.00	-3.52	51.57	0.00	-0.62	-15.17	-1.15
HUD VL	35.90	35.17	32.71	30.39	33.85	35.90	29.78	33.90	37.78	41.19	65.84	80.53	124.27	674.88	388.54	363.54	291.25	167.93	78.39	76.48	64.67	72.70	48.19	38.88
61758	3.22	3.20	2.96	2.69	2.94	3.10	2.70	3.01	3.19	3.38	5.34	6.50	10.07	58.10	34.26	33.58	26.54	15.52	5.49	5.06	5.14	5.85	3.37	2.12
	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	0.00	-18.27	-17.97	-4.13	0.00	-7.95	-14.43
LONGIL	36.49	35.96	33.45	31.00	34.61	37.47	33.49	35.75	38.62	41.91	66.42	81.67	124.89	685.18	413.33	472.82	326.37	174.27	169.40	174.98	177.23	262.93	86.35	56.15
61762	3.82	3.98	3.71	3.29	3.70	4.03	3.54	3.82	4.03	4.10	5.91	7.64	10.69	66.37	40.19	38.33	30.85	17.32	6.45	6.11	6.38	6.52	3.32	2.47
	0.00	0.00	0.00	-0.01	0.00	-0.63	-2.87	-1.04	0.00	0.00	0.00	0.00	0.00	-2.02	-18.86	-104.53	-30.81	-4.54	-108.33	-115.42	-115.45	-189.55	-46.16	-31.35
MHK VL	34.08	33.25	30.86	28.69	32.05	34.08	28.23	32.36	36.32	39.79	63.85	78.19	120.67	651.97	373.52	346.89	278.15	160.30	59.24	57.96	58.58	70.13	39.30	24.67
61756	1.40	1.27	1.12	0.99	1.14	1.27	1.15	1.47	1.73	1.98	3.34	4.17	6.47	35.18	19.24	16.92	13.43	7.90	2.82	2.77	2.78	3.27	1.68	0.99
	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	-1.80	-1.74	-0.40	0.00	-0.75	-1.36
MILLWD	36.00	35.28	32.79	30.46	33.93	35.99	29.88	34.00	37.88	41.28	65.98	80.71	124.59	676.52	389.43	364.59	292.20	168.42	81.27	79.28	65.39	72.75	49.43	41.10
61759	3.33	3.30	3.05	2.76	3.02	3.19	2.80	3.11	3.29	3.47	5.47	6.68	10.39	59.72	35.15	34.62	27.49	16.01	5.66	5.18	5.25	5.89	3.42	2.16
	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	0.00	-20.98	-20.65	-4.75	0.00	-9.15	-16.61
N.Y.C.	39.04	35.81	33.39	31.52	34.78	36.99	33.06	36.32	38.01	41.28	65.38	80.44	124.08	672.72	387.07	362.30	290.44	167.33	81.07	79.01	67.12	121.12	63.37	45.63
61761	3.51	3.47	3.24	2.96	3.24	3.43	2.99	3.30	3.42	3.54	5.30	6.41	9.88	55.93	32.79	32.33	25.72	14.92	5.17	4.63	4.74	5.46	3.31	2.15
	-2.86	-0.36	-0.40	-0.86	-0.62	-0.76	-2.99	-2.13	0.00	0.07	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.28	-20.94	-6.98	-48.80	-23.20	-21.16
NORTH	31.54	30.64	28.46	26.47	29.56	31.49	26.06	29.83	33.48	36.65	58.27	71.36	110.07	590.25	338.16	312.79	252.54	145.18	52.02	51.09	53.17	64.47	35.65	21.70
61755	-1.13	-1.34	-1.28	-1.23	-1.35	-1.32	-1.02	-1.06	-1.11	-1.16	-2.24	-2.67	-4.13	-26.54	-16.12	-17.18	-12.17	-7.23	-2.60	-2.36	-2.23	-2.38	-1.21	-0.62
	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	35.70	34.73	32.41	29.93	33.36	35.37	29.21	33.17	37.01	40.32	66.52	68.27	123.30	645.67	192.08	374.60	534.35	422.56	211.69	66.26	61.55	109.13	57.75	32.23
61845	2.52	2.75	2.56	2.27	2.45	2.57	2.13	2.28	2.42	2.51	3.89	4.33	6.90	38.36	22.97	24.64	19.35	11.44	4.34	4.05	4.14	4.76	2.72	1.71
	-0.51	0.00	-0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	10.09	-2.20	9.48	185.18	-19.99	-250.29	-258.71	-152.73	-8.76	-2.01	-37.52	-18.17	-8.20

O H 61846		1.18 <b>-0.34</b> 31.15	31.13 <b>-0.85</b> 0.00	28.74 <b>-1.00</b> 0.00	26.87 <b>-0.83</b> 0.00	30.22 <b>-0.69</b> 0.00	32.18 <b>-0.63</b> 0.00	26.38 <b>-0.70</b> 0.00	30.38 <b>-0.51</b> 0.00	34.19 <b>-0.39</b> 0.00	37.31 <b>-0.39</b> 0.11	60.26 <b>-0.25</b> 0.00	74.07 <b>0.05</b> 0.00	113.95 <b>-0.25</b> 0.00	615.12 <b>-1.67</b> 0.00	352.66 <b>-1.62</b> 0.00	324.33 <b>-5.64</b> 0.00	259.98 <b>-4.74</b> 0.00	149.18 <b>-3.23</b> 0.00	-5.09 <b>-1.69</b> 58.03	52.18 <b>-1.27</b> 0.00	10.26 <b>-1.50</b> 43.63	66.07 <b>-0.79</b> 0.00	36.52 <b>-0.35</b> 0.00	21.85 <b>-0.48</b> 0.00
PJM 61847		33.88 <b>1.21</b> 0.00	33.07 <b>1.09</b> 0.00	30.55 <b>0.81</b> 0.00	28.17 <b>0.72</b> 0.24	31.83 <b>0.92</b> 0.00	30.82 <b>0.97</b> 2.96	27.65 <b>0.81</b> 0.24	29.88 <b>0.97</b> 1.99	25.88 <b>0.98</b> 9.69	38.92 <b>1.11</b> 0.00	-15.78 <b>1.93</b> 78.22	60.03 <b>2.43</b> 16.43	117.74 <b>3.54</b> 0.00	636.62 <b>19.83</b> 0.00	-12.48 <b>10.64</b> 377.40	339.04 <b>9.08</b> 0.00	271.43 <b>6.72</b> 0.00	156.77 <b>4.36</b> 0.00	68.47 <b>1.03</b> -12.82	63.70 <b>1.10</b> -9.15	58.40 <b>0.90</b> -2.10	68.79 <b>1.31</b> -0.62	56.99 <b>0.89</b> -19.23	31.35 <b>0.51</b> -8.51
WEST 61752		33.16 <b>0.49</b> 0.00	31.83 <b>-0.14</b> 0.00	29.33 <b>-0.41</b> 0.00	27.42 <b>-0.28</b> 0.00	30.84 <b>-0.07</b> 0.00	32.88 <b>0.07</b> 0.00	26.96 <b>-0.13</b> 0.00	31.10 <b>0.21</b> 0.00	35.11 <b>0.53</b> 0.00	38.49 <b>0.68</b> 0.00	62.13 <b>1.63</b> 0.00	76.42 <b>2.40</b> 0.00	117.27 <b>3.07</b> 0.00	633.26 <b>16.47</b> 0.00	363.10 <b>8.81</b> 0.00	333.48 <b>3.52</b> 0.00	267.76 <b>3.04</b> 0.00	153.64 <b>1.24</b> 0.00	54.46 <b>-0.16</b> 0.00	53.62 <b>0.17</b> 0.00	55.33 <b>-0.07</b> 0.00	67.77 <b>0.91</b> 0.00	37.40 <b>0.53</b> 0.00	22.30 <b>-0.02</b> 0.00