

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/01/2003

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	28.01	24.83	24.18	25.32	27.43	34.68	39.74	53.45	52.92	48.51	53.78	53.42	55.42	68.51	114.69	75.20	76.68	59.53	55.65	51.87	60.84	56.26	46.74	48.65
61757	1.83	1.62	1.54	1.72	1.80	2.22	2.03	2.02	2.14	1.47	1.76	1.42	1.63	1.89	2.62	1.30	1.24	0.69	0.86	0.75	0.98	0.75	0.96	2.42
	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
CENTRL	25.57	22.64	22.07	23.05	24.98	31.69	36.73	50.36	49.77	46.13	51.02	50.98	52.74	65.43	110.26	72.80	74.39	58.05	54.02	50.41	59.03	54.77	45.00	45.20
61754	-0.61	-0.56	-0.58	-0.54	-0.65	-0.77	-0.98	-1.07	-1.01	-0.92	-1.00	-1.01	-1.05	-1.19	-1.80	-1.10	-1.05	-0.80	-0.77	-0.72	-0.82	-0.74	-0.78	-1.03
	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	27.38	24.19	23.54	24.45	26.51	33.84	40.22	55.37	54.62	51.15	56.39	56.47	58.35	71.66	120.20	79.49	81.12	63.61	59.04	55.30	64.84	59.63	48.89	48.48
61760	1.20	0.99	0.90	0.85	0.89	1.38	2.51	3.94	3.84	4.11	4.37	4.48	4.56	5.04	8.13	5.59	5.68	4.76	4.25	4.18	4.98	4.13	3.11	2.25
	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
GENESE	25.78	22.82	22.30	23.30	25.37	32.13	36.70	49.87	49.56	45.56	50.48	50.18	51.80	64.61	108.65	71.63	73.30	57.11	53.36	49.57	58.00	54.25	44.88	45.98
61753	-0.40	-0.39	-0.34	-0.30	-0.26	-0.33	-1.01	-1.56	-1.22	-1.48	-1.54	-1.81	-1.99	-2.01	-3.42	-2.27	-2.15	-1.74	-1.42	-1.55	-1.85	-1.26	-0.90	-0.25
	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	26.05	23.05	22.52	23.45	25.51	32.27	37.29	50.87	50.20	46.32	51.28	51.25	52.89	65.54	110.18	72.49	73.91	57.48	53.54	49.82	58.36	64.00	50.00	45.77
61844	-0.13	-0.16	-0.12	-0.15	-0.12	-0.19	-0.42	-0.56	-0.58	-0.72	-0.74	-0.74	-0.90	-1.08	-1.88	-1.42	-1.53	-1.36	-1.25	-1.30	-1.49	-1.42	-0.46	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	0.51	0.00
HUD VL	26.96	23.89	23.25	24.18	26.22	33.38	39.48	54.19	53.47	49.94	55.03	55.14	57.07	70.32	118.23	78.20	79.84	62.55	58.05	54.36	63.76	58.76	48.13	47.86
61758	0.79	0.68	0.61	0.58	0.60	0.93	1.77	2.75	2.69	2.90	3.01	3.14	3.28	3.70	6.17	4.29	4.40	3.71	3.27	3.24	3.91	3.25	2.35	1.63
	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
LONGIL	27.77	27.89	23.97	24.96	27.07	36.97	47.28	57.07	56.23	52.49	69.31	57.85	59.18	72.51	121.38	80.31	81.90	64.41	59.93	57.72	89.29	60.48	49.60	49.24
61762	1.56	1.41	1.33	1.36	1.44	2.20	3.58	5.26	4.99	5.26	5.54	5.30	5.38	5.88	9.32	6.40	6.46	5.57	5.14	5.11	5.99	4.92	3.82	3.01
	-0.03	-3.27	0.00	0.00	0.00	-2.31	-5.99	-0.37	-0.46	-0.19	-11.75	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-23.45	-0.05	0.00	0.00
MHK VL	26.74	23.67	23.06	24.06	26.13	33.09	38.20	52.08	51.44	47.45	52.40	52.21	53.99	66.86	112.48	74.22	75.83	59.19	55.24	51.51	60.34	55.94	46.29	46.97
61756	0.56	0.46	0.42	0.46	0.50	0.63	0.49	0.65	0.66	0.41	0.39	0.22	0.20	0.23	0.41	0.31	0.39	0.35	0.46	0.39	0.49	0.43	0.51	0.74
	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	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	27.07	23.92	23.28	24.17	26.21	33.40	39.65	54.54	53.81	50.36	55.53	55.63	57.48	70.62	118.50	78.37	79.98	62.70	58.20	54.52	63.90	58.80	48.21	47.80
61759	0.89	0.71	0.63	0.58	0.58	0.94	1.94	3.11	3.03	3.32	3.51	3.63	3.69	4.00	6.44	4.47	4.54	3.86	3.42	3.40	4.05	3.29	2.43	1.57
	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
N.Y.C.	27.77	24.51	23.83	24.73	26.84	34.34	45.60	63.54	57.10	57.24	57.54	60.51	61.44	73.16	121.69	80.47	82.08	64.47	59.86	58.73	66.05	60.34	76.99	59.82
61761	1.59	1.30	1.19	1.14	1.21	1.88	3.25	5.01	4.75	5.00	5.33	5.47	5.61	6.18	9.63	6.57	6.64	5.63	5.08	4.99	5.85	4.83	3.78	2.90
	0.00	0.00	0.00	0.00	0.00	0.00	-4.64	-7.09	-1.57	-5.20	-0.20	-3.05	-2.04	-0.36	0.00	0.00	0.00	0.00	0.00	-2.62	-0.34	0.00	-27.43	-10.70
NORTH	26.22	23.18	22.64	23.58	25.65	32.46	37.35	50.91	50.27	46.30	51.24	51.16	52.75	65.34	109.83	72.23	73.65	57.29	53.40	49.67	58.18	54.24	45.00	45.98
61755	0.04	-0.03	0.00	-0.02	0.02	0.00	-0.36	-0.52	-0.51	-0.74	-0.78	-0.83	-1.04	-1.28	-2.24	-1.68	-1.79	-1.55	-1.39	-1.45	-1.68	-1.26	-0.78	-0.24
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	27.36	24.13	23.50	24.55	26.58	33.67	38.95	52.52	52.55	48.74	53.95	53.75	55.74	68.72	115.09	75.68	77.17	70.00	56.02	52.32	61.32	67.62	52.19	48.30
61845	1.18	0.92	0.86	0.95	0.95	1.21	1.24	1.09	1.77	1.69	1.93	1.76	1.95	2.10	3.02	1.77	1.72	2.71	1.24	1.19	1.47	2.20	1.73	2.07
	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	2.23	0.00	0.00	0.00	-0.81	0.51	0.00

PJM 61846	21.59 <span>-4.59</span> <span>0.00</span>	19.22 <span>-3.99</span> <span>0.00</span>	18.84 <span>-3.80</span> <span>0.00</span>	19.58 <span>-4.02</span> <span>0.00</span>	21.37 <span>-4.26</span> <span>0.00</span>	27.06 <span>-5.40</span> <span>0.00</span>	31.42 <span>-6.29</span> <span>0.00</span>	42.80 <span>-8.64</span> <span>0.00</span>	42.13 <span>-8.65</span> <span>0.00</span>	39.35 <span>-7.69</span> <span>0.00</span>	43.58 <span>-8.44</span> <span>0.00</span>	43.59 <span>-8.40</span> <span>0.00</span>	44.82 <span>-8.97</span> <span>0.00</span>	56.12 <span>-10.50</span> <span>0.00</span>	95.00 <span>-17.07</span> <span>0.00</span>	63.12 <span>-10.78</span> <span>0.00</span>	64.64 <span>-10.80</span> <span>0.00</span>	50.57 <span>-8.28</span> <span>0.00</span>	47.08 <span>-7.71</span> <span>0.00</span>	43.98 <span>-7.14</span> <span>0.00</span>	51.00 <span>-8.85</span> <span>0.00</span>	62.84 <span>-2.58</span> <span>0.00</span>	46.23 <span>-4.23</span> <span>0.51</span>	39.24 <span>-6.98</span> <span>0.00</span>
PJM 61847	24.45 <span>-1.73</span> <span>0.00</span>	21.69 <span>-1.52</span> <span>0.00</span>	17.14 <span>-3.35</span> <span>3.62</span>	17.36 <span>-4.30</span> <span>7.22</span>	18.01 <span>-5.25</span> <span>12.24</span>	30.35 <span>-2.11</span> <span>0.00</span>	35.63 <span>-2.08</span> <span>0.00</span>	49.09 <span>-2.34</span> <span>0.00</span>	48.37 <span>-2.41</span> <span>0.00</span>	45.11 <span>-1.94</span> <span>0.00</span>	49.96 <span>-2.06</span> <span>0.00</span>	50.23 <span>-1.77</span> <span>0.00</span>	51.82 <span>-1.97</span> <span>0.00</span>	64.29 <span>-2.33</span> <span>0.00</span>	108.73 <span>-3.33</span> <span>0.00</span>	72.08 <span>-1.83</span> <span>0.00</span>	73.59 <span>-1.85</span> <span>0.00</span>	57.43 <span>-1.42</span> <span>0.00</span>	53.34 <span>-1.44</span> <span>0.00</span>	49.89 <span>-1.23</span> <span>0.00</span>	58.34 <span>-1.51</span> <span>0.00</span>	64.77 <span>-0.65</span> <span>-0.81</span>	45.11 <span>-5.35</span> <span>0.51</span>	43.64 <span>-2.59</span> <span>0.00</span>
WEST 61752	24.19 <span>-1.99</span> <span>0.00</span>	21.53 <span>-1.67</span> <span>0.00</span>	21.13 <span>-1.52</span> <span>0.00</span>	21.93 <span>-1.67</span> <span>0.00</span>	23.94 <span>-1.69</span> <span>0.00</span>	30.33 <span>-2.13</span> <span>0.00</span>	35.22 <span>-2.49</span> <span>0.00</span>	48.14 <span>-3.29</span> <span>0.00</span>	47.36 <span>-3.41</span> <span>0.00</span>	44.27 <span>-2.77</span> <span>0.00</span>	49.05 <span>-2.97</span> <span>0.00</span>	49.11 <span>-2.88</span> <span>0.00</span>	50.50 <span>-3.29</span> <span>0.00</span>	63.30 <span>-3.32</span> <span>0.00</span>	107.24 <span>-4.82</span> <span>0.00</span>	71.29 <span>-2.61</span> <span>0.00</span>	73.01 <span>-2.43</span> <span>0.00</span>	57.07 <span>-1.77</span> <span>0.00</span>	53.09 <span>-1.69</span> <span>0.00</span>	49.59 <span>-1.53</span> <span>0.00</span>	57.51 <span>-2.35</span> <span>0.00</span>	53.97 <span>-1.54</span> <span>0.00</span>	44.34 <span>-1.44</span> <span>0.00</span>	44.07 <span>-2.16</span> <span>0.00</span>