

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/02/2003

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	52.11	37.89	33.82	40.44	50.49	60.58	63.49	53.28	59.90	79.56	118.93	100.36	94.86	99.80	73.69	70.09	65.12	59.49	55.79	45.06	54.14	55.78	43.65	34.21
61757	2.70	2.15	1.94	2.34	3.19	3.39	2.60	1.44	1.44	1.46	2.81	2.42	2.47	1.62	0.80	0.64	0.03	0.43	0.58	0.37	0.64	1.10	0.82	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.18	34.93	31.26	37.24	45.97	55.67	59.40	50.80	57.48	76.96	114.37	96.53	90.94	96.47	71.61	68.20	63.96	57.96	54.13	43.82	52.51	53.71	42.12	32.42
61754	-1.23	-0.80	-0.62	-0.85	-1.33	-1.52	-1.49	-1.05	-0.98	-1.15	-1.75	-1.42	-1.45	-1.71	-1.27	-1.24	-1.12	-1.10	-1.07	-0.87	-1.00	-0.97	-0.71	-0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.55	37.10	32.94	39.27	48.71	59.30	64.23	55.35	62.77	84.30	125.28	105.74	99.35	106.17	78.84	75.35	70.72	63.86	59.52	48.22	57.74	58.05	45.29	34.47
61760	2.14	1.36	1.06	1.17	1.41	2.11	3.34	3.50	4.31	6.19	9.17	7.80	6.96	7.99	5.95	5.90	5.63	4.80	4.32	3.53	4.23	3.37	2.46	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.39	35.74	31.95	38.13	47.32	57.04	59.97	50.60	57.00	76.01	113.22	95.53	90.23	95.11	70.69	67.09	62.76	57.01	53.43	43.16	51.59	53.53	42.15	32.85
61753	-0.03	0.00	0.06	0.04	0.02	-0.15	-0.93	-1.25	-1.46	-2.10	-2.90	-2.42	-2.16	-3.07	-2.19	-2.35	-2.32	-2.05	-1.77	-1.53	-1.92	-1.15	-0.67	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.13	37.11	31.62	37.81	46.93	56.80	75.84	51.12	57.28	76.21	113.27	95.49	90.28	95.75	71.14	67.69	63.51	57.73	54.07	50.35	52.50	53.91	48.04	32.72
61844	-0.29	0.09	-0.26	-0.29	-0.37	-0.39	-1.36	-0.72	-1.18	-1.90	-2.85	-2.45	-2.11	-2.43	-1.74	-1.75	-1.58	-1.33	-1.13	-1.04	-1.01	-0.77	-0.48	-0.32
	0.00	7.49	0.00	0.00	0.00	0.00	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	4.26	0.00
HUD VL	50.86	36.69	32.60	38.89	48.28	58.62	63.31	54.52	61.81	83.01	123.48	104.23	97.98	104.63	77.61	74.12	69.57	62.86	58.60	47.44	56.80	57.32	44.73	34.06
61758	1.44	0.95	0.72	0.80	0.98	1.43	2.41	2.68	3.35	4.91	7.36	6.28	5.59	6.45	4.72	4.68	4.48	3.81	3.40	2.75	3.30	2.64	1.90	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	52.55	37.83	33.65	40.09	49.68	60.33	65.14	56.67	63.59	85.32	126.91	106.79	100.25	107.20	79.71	76.21	71.46	64.60	60.31	64.38	60.01	59.67	45.96	34.89
61762	3.13	2.10	1.77	1.99	2.38	3.14	4.24	4.29	5.13	7.21	10.79	8.84	7.86	9.02	6.82	6.76	6.37	5.54	5.11	4.30	5.02	3.84	2.90	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.40	-1.49	-1.15	-0.23	0.00
MHK VL	50.24	36.33	32.46	38.79	48.17	58.17	61.51	52.17	58.83	78.65	116.94	98.82	93.25	98.87	73.37	69.91	65.39	59.41	55.53	44.95	53.84	55.24	43.24	33.46
61756	0.82	0.59	0.58	0.69	0.87	0.98	0.62	0.33	0.37	0.55	0.82	0.87	0.85	0.69	0.48	0.46	0.30	0.35	0.33	0.26	0.33	0.56	0.41	0.42
	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
MILLWD	50.83	36.59	32.50	38.74	48.06	58.51	63.35	54.59	61.92	83.19	123.62	104.35	98.04	104.75	77.76	74.32	69.78	63.01	58.74	47.58	56.96	57.31	44.70	34.00
61759	1.42	0.86	0.62	0.65	0.76	1.32	2.45	2.75	3.46	5.09	7.50	6.40	5.65	6.57	4.87	4.87	4.69	3.96	3.54	2.89	3.46	2.63	1.87	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	52.29	37.59	33.35	39.76	49.30	60.08	76.24	59.75	63.68	85.16	126.49	106.77	100.32	107.32	79.78	76.29	71.61	64.62	60.25	51.00	60.74	58.66	74.60	40.41
61761	2.85	1.85	1.47	1.66	2.00	2.89	4.31	4.26	4.99	7.06	10.37	8.83	7.93	9.14	6.90	6.85	6.52	5.56	5.04	4.15	5.01	3.98	3.05	1.88
	-0.02	0.00	0.00	0.00	0.00	0.00	-11.03	-3.65	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-2.23	0.00	-28.72	-5.50
NORTH	49.38	35.61	31.79	38.01	47.20	57.09	60.25	51.03	57.19	76.06	113.09	95.39	90.16	95.52	70.93	67.49	63.25	57.53	53.92	43.67	52.35	53.86	42.22	32.82
61755	-0.04	-0.12	-0.09	-0.09	-0.10	-0.10	-0.65	-0.81	-1.28	-2.05	-3.03	-2.55	-2.23	-2.66	-1.95	-1.96	-1.84	-1.53	-1.29	-1.02	-1.16	-0.82	-0.60	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.19	38.49	32.83	39.24	48.93	58.87	80.16	52.75	60.24	80.21	119.75	100.96	95.19	101.15	74.91	71.38	66.50	60.59	56.70	53.27	54.96	56.22	50.00	34.00
61845	1.77	1.47	0.95	1.14	1.63	1.68	2.96	0.91	1.78	2.10	3.63	3.02	2.80	2.97	2.03	1.94	1.41	1.53	1.50	1.88	1.46	1.54	1.48	0.96
	0.00	7.49	0.00	0.00	0.00	0.00	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	4.26	0.00

PJM 61846	41.93 <span>-7.49</span> <span>0.00</span>	31.99 <span>-5.03</span> <span>7.49</span>	26.96 <span>-4.92</span> <span>0.00</span>	32.18 <span>-5.92</span> <span>0.00</span>	39.75 <span>-7.55</span> <span>0.00</span>	48.36 <span>-8.83</span> <span>0.00</span>	72.71 <span>-4.49</span> <span>2.91</span>	44.26 <span>-7.59</span> <span>0.00</span>	49.74 <span>-8.72</span> <span>0.00</span>	66.84 <span>-11.26</span> <span>0.00</span>	99.00 <span>-17.12</span> <span>0.00</span>	83.31 <span>-14.63</span> <span>0.00</span>	78.48 <span>-13.91</span> <span>0.00</span>	83.29 <span>-14.89</span> <span>0.00</span>	62.19 <span>-10.70</span> <span>0.00</span>	59.20 <span>-10.24</span> <span>0.00</span>	56.08 <span>-9.01</span> <span>0.00</span>	50.71 <span>-8.34</span> <span>0.00</span>	47.66 <span>-7.54</span> <span>0.00</span>	47.22 <span>-4.17</span> <span>0.70</span>	45.51 <span>-7.99</span> <span>0.00</span>	46.70 <span>-7.98</span> <span>0.00</span>	44.30 <span>-4.22</span> <span>4.26</span>	28.36 <span>-4.67</span> <span>0.00</span>
PJM 61847	46.47 <span>-2.94</span> <span>0.00</span>	30.00 <span>-6.23</span> <span>8.28</span>	24.00 <span>-5.61</span> <span>7.81</span>	35.71 <span>-2.39</span> <span>0.00</span>	30.10 <span>-5.29</span> <span>4.65</span>	53.70 <span>-3.49</span> <span>0.00</span>	74.00 <span>-3.20</span> <span>2.91</span>	49.81 <span>-2.03</span> <span>0.00</span>	56.33 <span>-2.13</span> <span>0.00</span>	75.68 <span>-2.43</span> <span>0.00</span>	111.89 <span>-4.23</span> <span>0.00</span>	94.43 <span>-3.52</span> <span>0.00</span>	88.85 <span>-3.54</span> <span>0.00</span>	94.65 <span>-3.53</span> <span>0.00</span>	70.29 <span>-2.59</span> <span>0.00</span>	67.18 <span>-2.27</span> <span>0.00</span>	63.32 <span>-1.77</span> <span>0.00</span>	53.00 <span>0.57</span> <span>4.74</span>	53.48 <span>-1.72</span> <span>0.00</span>	50.97 <span>-0.42</span> <span>0.70</span>	51.77 <span>-1.74</span> <span>0.00</span>	52.66 <span>-2.02</span> <span>0.00</span>	45.46 <span>-3.06</span> <span>4.26</span>	31.43 <span>-1.60</span> <span>0.00</span>
WEST 61752	47.02 <span>-2.39</span> <span>0.00</span>	33.84 <span>-1.89</span> <span>0.00</span>	30.28 <span>-1.60</span> <span>0.00</span>	36.21 <span>-1.89</span> <span>0.00</span>	44.70 <span>-2.60</span> <span>0.00</span>	54.38 <span>-2.80</span> <span>0.00</span>	58.43 <span>-2.47</span> <span>0.00</span>	49.84 <span>-2.01</span> <span>0.00</span>	56.06 <span>-2.40</span> <span>0.00</span>	75.34 <span>-2.77</span> <span>0.00</span>	111.57 <span>-4.55</span> <span>0.00</span>	93.81 <span>-4.13</span> <span>0.00</span>	88.33 <span>-4.06</span> <span>0.00</span>	93.73 <span>-4.45</span> <span>0.00</span>	69.97 <span>-2.91</span> <span>0.00</span>	66.57 <span>-2.87</span> <span>0.00</span>	63.08 <span>-2.01</span> <span>0.00</span>	57.04 <span>-2.02</span> <span>0.00</span>	53.60 <span>-1.61</span> <span>0.00</span>	43.38 <span>-1.31</span> <span>0.00</span>	51.25 <span>-2.25</span> <span>0.00</span>	52.64 <span>-2.04</span> <span>0.00</span>	41.54 <span>-1.29</span> <span>0.00</span>	31.86 <span>-1.17</span> <span>0.00</span>