

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/21/2002

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 61757	21.25	15.25	17.53	20.38	19.69	31.69	73.01	51.27	47.05	43.78	43.32	42.20	45.40	44.81	43.22	42.64	44.64	44.48	50.34	51.16	46.04	45.36	30.28	17.98
	1.28	0.92	1.02	1.06	1.17	2.10	5.14	3.41	3.09	2.77	2.81	2.83	3.33	3.20	2.94	2.86	3.10	3.13	3.76	3.61	3.17	3.16	2.10	1.22
	0.00	-0.38	0.00	-1.97	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.86	0.00	-0.10	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL 61754	19.57	13.72	16.19	17.17	17.94	28.76	66.07	46.75	42.99	40.15	39.69	38.53	40.32	40.63	39.22	37.29	40.48	40.38	45.50	46.65	41.95	41.19	27.49	16.43
	-0.40	-0.27	-0.32	-0.39	-0.49	-0.83	-1.80	-1.11	-0.98	-0.86	-0.83	-0.83	-0.98	-0.99	-0.97	-0.98	-1.06	-0.98	-1.08	-0.90	-0.92	-1.00	-0.69	-0.32
	0.00	-0.04	0.00	-0.20	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	-0.01	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD 61760	20.62	14.63	16.92	19.31	19.05	30.63	70.64	49.96	46.29	43.46	42.96	41.80	44.42	44.21	42.70	41.76	44.13	43.92	49.68	50.15	45.36	44.48	29.56	17.42
	0.65	0.39	0.41	0.45	0.55	1.05	2.78	2.10	2.32	2.44	2.44	2.43	2.55	2.60	2.45	2.38	2.59	2.57	3.11	2.59	2.49	2.29	1.37	0.67
	0.00	-0.29	0.00	-1.50	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	0.00	-0.08	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE 61753	19.92	13.94	16.48	17.47	18.25	29.28	67.50	47.85	43.84	40.92	40.52	39.33	41.12	41.41	40.06	38.16	41.34	41.19	46.29	47.74	42.90	42.20	28.24	16.80
	-0.05	-0.05	-0.03	-0.09	-0.18	-0.31	-0.36	-0.01	-0.13	-0.10	0.01	-0.03	-0.18	-0.21	-0.13	-0.12	-0.20	-0.16	-0.29	0.19	0.03	0.01	0.05	0.05
	0.00	-0.04	0.00	-0.20	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q 61844	19.97	14.01	16.51	17.67	18.44	29.59	36.92	44.90	43.96	41.02	40.51	39.36	41.36	41.62	40.20	38.38	41.54	41.36	46.58	47.55	42.87	42.19	38.23	16.75
	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	-3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.37	0.00
	0.00	-0.06	0.00	-0.32	-0.02	0.00	-0.17	-18.78	0.00	0.00	0.00	0.00	-0.14	0.00	-0.02	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	0.00
HUD VL 61758	20.31	14.44	16.73	19.11	18.83	30.21	69.51	49.10	45.37	42.52	41.88	40.73	43.29	43.05	41.61	40.67	42.93	42.73	48.34	49.03	44.31	43.48	28.92	17.08
	0.34	0.20	0.22	0.26	0.33	0.63	1.64	1.24	1.41	1.50	1.37	1.37	1.43	1.43	1.36	1.30	1.39	1.37	1.76	1.48	1.44	1.28	0.74	0.33
	0.00	-0.29	0.00	-1.49	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	0.00	-0.07	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL 61762	20.87	14.82	17.15	19.55	19.33	31.09	71.48	50.36	46.75	44.02	43.52	42.27	44.87	44.58	43.03	42.05	44.97	44.88	49.99	50.44	46.32	45.90	29.75	17.54
	0.90	0.58	0.64	0.68	0.83	1.51	3.62	2.50	2.73	3.01	3.00	2.91	3.00	2.96	2.78	2.66	2.88	2.63	3.41	2.88	2.94	2.60	1.46	0.79
	0.00	-0.29	0.00	-1.50	-0.08	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-0.66	0.00	-0.08	-1.28	-0.55	-0.90	0.00	0.00	-0.51	-1.10	-0.10	0.00
MHK VL 61756	20.13	14.06	16.63	17.51	18.57	29.86	68.55	48.15	44.25	41.29	40.81	39.64	41.53	41.92	40.44	38.39	41.79	41.64	47.07	48.01	43.29	42.57	28.51	16.93
	0.16	0.11	0.12	0.12	0.15	0.27	0.68	0.29	0.28	0.28	0.29	0.27	0.30	0.30	0.26	0.26	0.25	0.29	0.50	0.46	0.42	0.38	0.33	0.18
	0.00	-0.01	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD 61759	20.34	14.44	16.70	19.07	18.80	30.22	69.64	49.22	45.57	42.76	42.25	41.11	43.70	43.48	42.00	41.07	43.38	43.18	48.84	49.34	44.60	43.77	29.11	17.17
	0.37	0.20	0.20	0.23	0.30	0.63	1.77	1.36	1.60	1.75	1.74	1.75	1.83	1.87	1.75	1.70	1.84	1.82	2.26	1.79	1.73	1.58	0.92	0.42
	0.00	-0.29	0.00	-1.49	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	0.00	-0.07	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C. 61761	21.87	14.85	17.16	19.56	19.31	31.13	75.02	50.98	47.24	45.06	43.96	42.72	45.39	45.19	43.65	42.67	45.14	44.95	151.84	59.14	62.34	50.94	47.94	23.35
	0.98	0.61	0.65	0.70	0.81	1.55	4.06	3.07	3.27	3.38	3.38	3.35	3.51	3.57	3.40	3.29	3.60	3.60	4.21	3.43	3.34	3.13	1.94	0.98
	-0.92	-0.29	0.00	-1.50	-0.08	0.00	-3.09	-0.05	0.00	-0.67	-0.07	0.00	-0.66	0.00	-0.08	-1.28	0.00	0.00	-101.05	-8.16	-16.13	-5.62	-17.82	-5.62
NORTH 61755	19.97	13.92	16.49	17.26	18.41	29.63	68.34	48.22	44.14	41.03	40.49	39.35	41.09	41.49	40.05	37.93	41.43	41.30	46.62	47.67	42.99	42.30	28.25	16.72
	0.00	-0.01	-0.02	-0.02	0.00	0.05	0.47	0.36	0.17	0.02	-0.02	-0.01	-0.09	-0.12	-0.13	-0.11	-0.11	-0.05	0.04	0.12	0.12	0.10	0.07	-0.03
	0.00	0.02	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX 61845	20.84	14.91	17.21	19.91	19.36	31.05	48.71	88.46	46.20	43.08	42.64	41.47	44.49	44.00	42.52	41.88	43.94	43.67	49.34	50.03	45.20	44.45	45.16	17.61
	0.87	0.62	0.70	0.75	0.84	1.47	1.69	1.26	2.23	2.06	2.13	2.11	2.49	2.38	2.25	2.24	2.40	2.31	2.76	2.48	2.33	2.26	1.56	0.86
	0.00	-0.35	0.00	-1.80	-0.10	0.00	-5.68	-57.18	0.00	0.00	0.00	0.00	-0.79	0.00	-0.09	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	0.00

PJH 61846	16.80 <span>-3.17</span> <span>0.00</span>	11.81 <span>-2.19</span> <span>-0.05</span>	14.01 <span>-2.50</span> <span>0.00</span>	14.96 <span>-2.65</span> <span>-0.25</span>	15.59 <span>-2.85</span> <span>-0.01</span>	24.80 <span>-4.79</span> <span>0.00</span>	35.68 <span>-5.29</span> <span>0.37</span>	41.11 <span>-3.99</span> <span>-15.08</span>	35.05 <span>-8.91</span> <span>0.00</span>	32.77 <span>-8.25</span> <span>0.00</span>	32.35 <span>-8.16</span> <span>0.00</span>	31.37 <span>-7.99</span> <span>0.00</span>	32.57 <span>-8.76</span> <span>-0.11</span>	32.96 <span>-8.66</span> <span>0.00</span>	32.05 <span>-8.15</span> <span>-0.01</span>	30.55 <span>-7.78</span> <span>-0.22</span>	33.00 <span>-8.54</span> <span>0.00</span>	32.92 <span>-8.44</span> <span>0.00</span>	36.70 <span>-9.88</span> <span>0.00</span>	37.91 <span>-9.64</span> <span>0.00</span>	34.10 <span>-8.77</span> <span>0.00</span>	33.60 <span>-8.59</span> <span>0.00</span>	38.83 <span>-4.77</span> <span>-1.35</span>	13.36 <span>-3.40</span> <span>0.00</span>
PJM 61847	18.79 <span>-1.18</span> <span>0.00</span>	13.22 <span>-0.80</span> <span>-0.06</span>	15.61 <span>-0.90</span> <span>0.00</span>	16.76 <span>-0.93</span> <span>-0.33</span>	17.45 <span>-0.98</span> <span>-0.02</span>	27.88 <span>-1.71</span> <span>0.00</span>	36.97 <span>-4.55</span> <span>-0.18</span>	45.00 <span>-3.87</span> <span>-18.85</span>	40.65 <span>-3.32</span> <span>0.00</span>	38.01 <span>-3.01</span> <span>0.00</span>	37.42 <span>-3.10</span> <span>0.00</span>	36.11 <span>-3.25</span> <span>0.00</span>	37.94 <span>-3.42</span> <span>-0.15</span>	38.37 <span>-3.24</span> <span>0.00</span>	37.11 <span>-3.09</span> <span>-0.02</span>	35.37 <span>-3.03</span> <span>-0.29</span>	38.23 <span>-3.31</span> <span>0.00</span>	38.05 <span>-3.30</span> <span>0.00</span>	42.88 <span>-3.69</span> <span>0.00</span>	43.88 <span>-3.67</span> <span>0.00</span>	39.52 <span>-3.35</span> <span>0.00</span>	38.86 <span>-3.33</span> <span>0.00</span>	38.23 <span>-5.37</span> <span>-1.35</span>	15.35 <span>-1.40</span> <span>0.00</span>
WEST 61752	18.80 <span>-1.17</span> <span>0.00</span>	13.24 <span>-0.76</span> <span>-0.05</span>	15.72 <span>-0.79</span> <span>0.00</span>	16.75 <span>-0.86</span> <span>-0.25</span>	17.50 <span>-0.94</span> <span>-0.01</span>	27.82 <span>-1.77</span> <span>0.00</span>	63.50 <span>-4.36</span> <span>0.00</span>	45.16 <span>-2.70</span> <span>0.00</span>	41.29 <span>-2.67</span> <span>0.00</span>	38.61 <span>-2.40</span> <span>0.00</span>	38.17 <span>-2.35</span> <span>0.00</span>	37.03 <span>-2.33</span> <span>0.00</span>	38.30 <span>-3.03</span> <span>-0.11</span>	38.78 <span>-2.84</span> <span>0.00</span>	37.74 <span>-2.45</span> <span>-0.01</span>	35.91 <span>-2.41</span> <span>-0.22</span>	38.83 <span>-2.71</span> <span>0.00</span>	38.75 <span>-2.60</span> <span>0.00</span>	43.07 <span>-3.50</span> <span>0.00</span>	44.71 <span>-2.85</span> <span>0.00</span>	40.15 <span>-2.72</span> <span>0.00</span>	39.56 <span>-2.63</span> <span>0.00</span>	26.61 <span>-1.57</span> <span>0.00</span>	15.70 <span>-1.05</span> <span>0.00</span>