

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/21/2002

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	45.36	35.44	45.45	46.47	27.89	34.30	40.11	49.70	54.70	104.37	51.81	57.47	55.22	60.46	57.49	66.67	77.21	153.12	150.94	162.28	164.92	194.90	45.36	48.47
61757	4.02	3.06	3.96	3.87	2.27	2.97	3.61	4.45	5.07	9.63	4.77	5.10	4.77	5.15	4.91	5.63	6.32	12.11	12.31	14.17	13.95	17.24	3.97	4.30
	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
CENTRL	40.24	31.47	40.30	41.35	24.87	30.36	35.36	43.91	48.23	92.14	45.86	51.07	49.22	53.90	51.15	59.38	69.37	138.21	135.87	144.75	147.45	173.67	40.41	43.07
61754	-1.10	-0.91	-1.19	-1.25	-0.74	-0.96	-1.15	-1.34	-1.40	-2.59	-1.19	-1.30	-1.23	-1.40	-1.43	-1.66	-1.51	-2.80	-2.76	-3.36	-3.51	-3.99	-0.99	-1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.16	33.10	42.33	43.46	26.19	32.05	37.53	46.67	51.29	98.06	48.52	54.41	52.59	57.75	55.09	63.96	74.28	147.40	144.46	153.61	156.10	183.05	42.77	45.48
61760	0.82	0.72	0.84	0.86	0.57	0.73	1.02	1.42	1.66	3.32	1.48	2.04	2.14	2.45	2.51	2.92	3.40	6.38	5.83	5.50	5.13	5.39	1.37	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.84	32.59	41.68	42.77	25.69	31.43	36.68	45.56	50.06	95.72	47.82	52.97	50.91	55.81	52.87	61.36	71.95	143.96	141.64	151.02	153.89	180.30	41.94	44.56
61753	0.50	0.21	0.19	0.17	0.08	0.11	0.18	0.31	0.43	0.98	0.78	0.60	0.46	0.50	0.29	0.32	1.07	2.95	3.01	2.91	2.93	2.65	0.54	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.44	32.40	41.43	42.52	25.56	31.31	43.08	45.47	49.95	95.51	47.49	52.54	50.49	55.31	52.55	60.97	55.43	141.49	139.14	148.65	152.00	50.95	41.58	44.19
61844	0.10	0.01	-0.06	-0.08	-0.05	-0.01	0.30	0.22	0.32	0.77	0.45	0.17	0.04	0.01	-0.03	-0.06	0.11	0.48	0.51	0.54	1.04	0.36	0.18	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.18	0.00	0.00
HUD VL	41.27	32.42	41.51	42.62	25.69	31.43	36.74	45.59	50.01	95.61	47.30	52.99	51.22	56.18	53.49	62.13	72.16	143.56	140.97	150.39	152.82	179.65	41.86	44.48
61758	-0.07	0.04	0.01	0.02	0.07	0.11	0.23	0.34	0.39	0.87	0.26	0.62	0.77	0.87	0.92	1.09	1.27	2.54	2.34	2.28	1.86	2.00	0.46	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.30	33.45	43.03	44.32	26.73	32.71	38.41	47.74	52.33	99.96	66.08	57.24	53.58	58.82	65.97	70.92	101.87	149.44	146.57	155.65	158.83	183.93	43.41	45.89
61762	0.96	1.06	1.54	1.72	1.11	1.39	1.91	2.49	2.71	5.22	2.51	3.19	3.13	3.52	3.58	4.09	4.53	8.43	7.94	7.54	7.86	6.27	2.01	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.53	-1.68	0.00	0.00	-9.82	-5.79	-26.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	42.24	33.07	42.35	43.47	26.14	31.99	37.35	46.32	50.79	96.90	48.12	53.51	51.54	56.55	53.79	62.49	72.49	144.15	141.94	151.68	154.68	181.93	42.33	45.05
61756	0.90	0.68	0.86	0.87	0.52	0.67	0.84	1.07	1.17	2.17	1.08	1.14	1.09	1.24	1.22	1.45	1.61	3.13	3.31	3.57	3.71	4.27	0.93	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.54	32.62	41.72	42.83	25.82	31.59	36.97	45.96	50.47	96.47	47.74	53.52	51.73	56.80	54.17	62.90	73.04	144.99	142.16	151.22	153.69	180.21	42.10	44.79
61759	0.20	0.24	0.23	0.23	0.20	0.26	0.47	0.71	0.84	1.73	0.70	1.15	1.28	1.49	1.59	1.86	2.16	3.98	3.53	3.11	2.72	2.55	0.70	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
N.Y.C.	45.30	37.08	43.42	44.18	26.63	32.59	38.18	47.53	52.31	100.10	49.44	55.47	53.65	58.97	56.29	65.34	83.88	156.92	146.52	155.51	157.97	185.23	46.12	46.59
61761	1.64	1.32	1.56	1.58	1.02	1.27	1.68	2.28	2.68	5.27	2.40	3.10	3.20	3.67	3.72	4.30	5.00	8.82	7.89	7.40	7.00	7.57	2.11	2.19
	-2.32	-3.37	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	-7.99	-7.09	0.00	0.00	0.00	0.00	-2.61	-0.23
NORTH	41.82	32.69	41.77	42.87	25.78	31.60	37.00	45.89	50.46	96.46	47.97	53.05	50.97	55.84	53.07	61.58	71.43	142.85	140.55	150.15	153.62	179.92	41.94	44.56
61755	0.48	0.30	0.28	0.27	0.16	0.28	0.49	0.64	0.83	1.72	0.92	0.68	0.51	0.54	0.49	0.54	0.55	1.83	1.92	2.04	2.65	2.26	0.54	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.93	34.14	43.85	45.03	27.05	33.22	43.78	48.13	52.20	99.01	49.04	54.59	52.45	57.43	54.77	63.56	56.73	145.58	143.28	153.79	156.72	51.76	42.93	45.89
61845	1.59	1.75	2.36	2.43	1.43	1.90	1.07	2.88	2.58	4.27	2.00	2.22	2.00	2.12	2.20	2.52	1.41	4.57	4.65	5.68	5.76	1.17	1.53	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.18	0.00	0.00

PJH 61846	33.31 <span>-8.03</span> <span>0.00</span>	26.17 <span>-6.21</span> <span>0.00</span>	33.41 <span>-8.09</span> <span>0.00</span>	34.35 <span>-8.25</span> <span>0.00</span>	20.65 <span>-4.96</span> <span>0.00</span>	25.08 <span>-6.24</span> <span>0.00</span>	31.00 <span>-6.78</span> <span>5.13</span>	35.99 <span>-9.26</span> <span>0.00</span>	39.25 <span>-10.38</span> <span>0.00</span>	75.08 <span>-19.66</span> <span>0.00</span>	37.43 <span>-9.62</span> <span>0.00</span>	41.79 <span>-10.58</span> <span>0.00</span>	40.49 <span>-9.96</span> <span>0.00</span>	44.88 <span>-10.43</span> <span>0.00</span>	42.09 <span>-10.48</span> <span>0.00</span>	48.94 <span>-12.10</span> <span>0.00</span>	48.40 <span>-6.92</span> <span>0.93</span>	114.26 <span>-26.76</span> <span>0.00</span>	112.53 <span>-26.10</span> <span>0.00</span>	119.48 <span>-28.63</span> <span>0.00</span>	121.86 <span>-29.10</span> <span>0.00</span>	44.24 <span>-6.35</span> <span>0.18</span>	33.54 <span>-7.86</span> <span>0.00</span>	35.34 <span>-8.82</span> <span>0.00</span>
PJM 61847	29.00 <span>-5.90</span> <span>11.89</span>	23.00 <span>-4.90</span> <span>10.40</span>	20.00 <span>-7.17</span> <span>16.04</span>	38.87 <span>-3.73</span> <span>0.00</span>	15.00 <span>-6.31</span> <span>16.70</span>	20.01 <span>-6.53</span> <span>14.82</span>	33.00 <span>-5.66</span> <span>4.25</span>	38.99 <span>-6.39</span> <span>0.25</span>	44.82 <span>-4.81</span> <span>0.00</span>	85.73 <span>-9.00</span> <span>0.00</span>	45.83 <span>-7.63</span> <span>1.02</span>	47.55 <span>-4.82</span> <span>0.00</span>	46.01 <span>-4.44</span> <span>0.00</span>	37.00 <span>-7.99</span> <span>2.30</span>	29.99 <span>-7.80</span> <span>7.01</span>	25.00 <span>-7.51</span> <span>13.83</span>	48.74 <span>-6.58</span> <span>0.93</span>	129.43 <span>-11.58</span> <span>0.00</span>	127.29 <span>-11.34</span> <span>0.00</span>	135.42 <span>-12.69</span> <span>0.00</span>	137.91 <span>-13.06</span> <span>0.00</span>	45.16 <span>-5.43</span> <span>0.18</span>	37.86 <span>-3.53</span> <span>0.00</span>	40.06 <span>-4.10</span> <span>0.00</span>
WEST 61752	37.07 <span>-4.27</span> <span>0.00</span>	29.12 <span>-3.27</span> <span>0.00</span>	37.15 <span>-4.34</span> <span>0.00</span>	38.17 <span>-4.43</span> <span>0.00</span>	22.96 <span>-2.66</span> <span>0.00</span>	27.87 <span>-3.45</span> <span>0.00</span>	32.33 <span>-4.17</span> <span>0.00</span>	40.00 <span>-5.25</span> <span>0.00</span>	43.70 <span>-5.93</span> <span>0.00</span>	83.68 <span>-11.06</span> <span>0.00</span>	41.78 <span>-5.26</span> <span>0.00</span>	46.62 <span>-5.75</span> <span>0.00</span>	45.18 <span>-5.27</span> <span>0.00</span>	49.45 <span>-5.86</span> <span>0.00</span>	46.89 <span>-5.69</span> <span>0.00</span>	54.50 <span>-6.54</span> <span>0.00</span>	63.53 <span>-7.35</span> <span>0.00</span>	127.72 <span>-13.29</span> <span>0.00</span>	125.83 <span>-12.80</span> <span>0.00</span>	133.48 <span>-14.63</span> <span>0.00</span>	136.23 <span>-14.74</span> <span>0.00</span>	160.38 <span>-17.28</span> <span>0.00</span>	37.47 <span>-3.93</span> <span>0.00</span>	39.40 <span>-4.77</span> <span>0.00</span>