

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/01/2002

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 61757	36.32	22.84	19.49	22.80	27.75	26.66	29.34	27.47	39.06	46.63	35.22	32.37	42.79	37.53	33.23	42.31	58.29	64.40	49.41	68.26	57.04	49.59	46.39	39.68
	2.62	1.64	1.43	1.70	2.12	2.11	2.18	2.00	3.09	3.97	2.94	2.62	3.59	3.16	2.73	3.58	4.98	5.41	4.05	5.93	4.82	4.14	3.75	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61754	32.54	20.49	17.54	20.41	24.74	23.71	26.27	24.69	34.85	41.30	31.27	28.84	37.98	33.28	29.57	37.48	51.74	57.45	44.20	60.65	50.81	44.11	41.31	35.11
	-1.17	-0.70	-0.52	-0.69	-0.90	-0.85	-0.89	-0.79	-1.11	-1.36	-1.01	-0.91	-1.22	-1.08	-0.93	-1.25	-1.58	-1.55	-1.16	-1.68	-1.41	-1.34	-1.33	-1.21
	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
DUNWOD 61760	35.57	22.28	18.89	22.07	26.81	25.70	28.53	26.88	37.95	45.10	34.17	31.55	41.58	36.42	32.33	41.10	56.95	62.99	48.26	66.19	55.33	48.16	45.08	38.19
	1.87	1.08	0.84	0.97	1.18	1.14	1.36	1.41	1.99	2.44	1.89	1.80	2.39	2.06	1.83	2.37	3.64	3.99	2.91	3.86	3.10	2.71	2.44	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61753	33.42	21.10	18.00	20.98	25.47	24.42	27.08	25.42	35.96	42.72	32.39	29.89	39.35	34.53	30.63	38.82	53.61	59.71	46.07	63.21	53.08	46.07	43.06	36.53
	-0.28	-0.09	-0.05	-0.12	-0.17	-0.14	-0.09	-0.05	0.00	0.06	0.11	0.14	0.16	0.16	0.13	0.09	0.30	0.72	0.71	0.88	0.86	0.62	0.42	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
H Q 61844	11.52	21.22	18.04	21.10	25.64	24.57	27.21	25.48	35.96	42.72	32.35	29.79	39.20	34.40	30.52	38.81	53.43	59.22	45.65	62.60	52.49	45.73	42.93	36.46
	0.14	0.03	-0.01	0.00	0.01	0.01	0.04	0.01	0.00	0.06	0.07	0.05	0.00	0.03	0.02	0.08	0.12	0.22	0.30	0.27	0.27	0.28	0.29	0.14
	15.90	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL 61758	34.86	21.85	18.55	21.69	26.34	25.25	27.99	26.33	37.19	44.16	33.47	30.90	40.74	35.68	31.71	40.25	55.72	61.70	47.33	65.00	54.30	47.21	44.13	37.43
	1.16	0.66	0.50	0.59	0.71	0.69	0.82	0.86	1.23	1.50	1.19	1.15	1.54	1.31	1.21	1.52	2.41	2.70	1.97	2.67	2.08	1.76	1.49	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61762	36.04	22.62	19.20	22.53	27.41	26.28	29.22	31.04	40.69	45.74	34.63	31.99	42.14	36.89	32.78	41.66	67.08	69.57	65.86	68.99	59.69	49.17	45.90	38.70
	2.33	1.43	1.15	1.43	1.78	1.72	2.06	2.06	2.71	3.08	2.35	2.24	2.95	2.53	2.29	2.94	4.45	4.68	3.13	4.20	3.47	3.40	3.21	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.51	-2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.32	-5.89	-17.38	-2.46	-4.00	-0.32	-0.05	0.00
MHK VL 61756	34.46	21.70	18.49	21.60	26.25	25.17	27.85	26.09	36.87	43.82	33.16	30.55	40.26	35.29	31.32	39.80	54.86	60.79	46.79	64.36	53.95	46.90	43.89	37.32
	0.75	0.51	0.43	0.50	0.62	0.61	0.68	0.62	0.91	1.16	0.88	0.81	1.07	0.93	0.82	1.07	1.55	1.80	1.43	2.03	1.73	1.45	1.25	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61759	35.09	21.98	18.63	21.78	26.44	25.35	28.13	26.50	37.41	44.44	33.67	31.08	40.98	35.89	31.91	40.49	56.10	62.08	47.57	65.27	54.55	47.48	44.44	37.66
	1.39	0.78	0.58	0.67	0.81	0.79	0.97	1.03	1.45	1.78	1.39	1.33	1.78	1.53	1.42	1.76	2.79	3.08	2.21	2.94	2.33	2.03	1.80	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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. 61761	43.70	22.69	19.22	22.44	27.24	26.12	29.02	27.36	38.66	52.91	66.29	50.12	51.34	50.84	48.84	49.00	86.80	136.49	113.05	136.16	115.43	79.50	57.59	49.08
	2.55	1.50	1.17	1.34	1.61	1.56	1.85	1.89	2.70	3.34	2.55	2.38	3.14	2.71	2.44	3.10	4.66	5.04	3.58	4.79	3.93	3.51	3.33	2.61
	-7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.91	-31.46	-17.99	-9.01	-13.76	-15.91	-7.17	-28.83	-72.45	-64.12	-69.05	-59.27	-30.53	-11.62	-10.15
NORTH 61755	34.07	21.42	18.21	21.29	25.88	24.81	27.45	25.70	36.28	43.14	32.68	30.09	39.58	34.74	30.83	39.20	54.02	59.90	46.17	63.38	53.14	46.26	43.39	36.85
	0.37	0.23	0.16	0.19	0.25	0.25	0.29	0.23	0.32	0.48	0.40	0.34	0.39	0.37	0.33	0.47	0.71	0.90	0.82	1.05	0.92	0.81	0.75	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61845	12.58	22.51	19.19	22.45	27.31	26.15	28.39	26.61	37.71	44.89	33.92	31.21	41.24	36.16	32.05	40.79	56.20	62.01	47.59	65.63	54.81	47.72	44.69	38.22
	1.20	1.32	1.14	1.35	1.68	1.59	1.23	1.14	1.75	2.23	1.64	1.46	2.04	1.80	1.56	2.06	2.89	3.02	2.23	3.30	2.59	2.26	2.06	1.90
	15.90	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PJH 61846	7.81 <span>-3.57</span> <span>15.90</span>	17.66 <span>-3.54</span> <span>0.00</span>	15.04 <span>-3.01</span> <span>0.00</span>	17.52 <span>-3.58</span> <span>0.00</span>	21.25 <span>-4.39</span> <span>0.00</span>	20.30 <span>-4.26</span> <span>0.00</span>	22.58 <span>-4.58</span> <span>0.00</span>	21.23 <span>-4.25</span> <span>0.00</span>	29.66 <span>-6.31</span> <span>0.00</span>	34.89 <span>-7.78</span> <span>0.00</span>	26.56 <span>-5.72</span> <span>0.00</span>	24.61 <span>-5.14</span> <span>0.00</span>	32.23 <span>-6.97</span> <span>0.00</span>	28.23 <span>-6.13</span> <span>0.00</span>	25.14 <span>-5.36</span> <span>0.00</span>	31.73 <span>-7.00</span> <span>0.00</span>	43.61 <span>-9.70</span> <span>0.00</span>	48.44 <span>-10.56</span> <span>0.00</span>	37.44 <span>-7.92</span> <span>0.00</span>	51.16 <span>-11.17</span> <span>0.00</span>	43.02 <span>-9.20</span> <span>0.00</span>	37.44 <span>-8.01</span> <span>0.00</span>	35.14 <span>-7.50</span> <span>0.00</span>	29.76 <span>-6.57</span> <span>0.00</span>
PJM 61847	8.00 <span>-3.38</span> <span>15.90</span>	19.99 <span>-3.82</span> <span>1.63</span>	10.00 <span>-5.40</span> <span>17.93</span>	11.49 <span>-3.64</span> <span>8.34</span>	20.00 <span>-5.09</span> <span>9.53</span>	25.24 <span>-4.28</span> <span>1.03</span>	26.88 <span>-4.18</span> <span>1.88</span>	23.93 <span>-1.54</span> <span>0.00</span>	25.22 <span>-5.92</span> <span>7.56</span>	19.99 <span>-6.32</span> <span>12.43</span>	20.00 <span>-6.44</span> <span>14.33</span>	20.99 <span>-6.27</span> <span>12.92</span>	25.00 <span>-5.33</span> <span>13.33</span>	21.06 <span>-4.66</span> <span>11.60</span>	20.17 <span>-4.26</span> <span>10.49</span>	20.00 <span>-5.81</span> <span>10.95</span>	12.00 <span>-4.55</span> <span>22.03</span>	45.01 <span>-7.84</span> <span>11.96</span>	42.48 <span>-2.88</span> <span>0.00</span>	58.21 <span>-4.12</span> <span>0.00</span>	48.83 <span>-3.39</span> <span>0.00</span>	42.46 <span>-2.99</span> <span>0.00</span>	39.74 <span>-2.90</span> <span>0.00</span>	33.74 <span>-2.58</span> <span>0.00</span>
WEST 61752	31.25 <span>-2.46</span> <span>0.00</span>	19.73 <span>-1.47</span> <span>0.00</span>	16.82 <span>-1.23</span> <span>0.00</span>	19.62 <span>-1.48</span> <span>0.00</span>	23.76 <span>-1.87</span> <span>0.00</span>	22.70 <span>-1.86</span> <span>0.00</span>	25.26 <span>-1.90</span> <span>0.00</span>	23.71 <span>-1.76</span> <span>0.00</span>	33.03 <span>-2.93</span> <span>0.00</span>	38.78 <span>-3.88</span> <span>0.00</span>	29.56 <span>-2.72</span> <span>0.00</span>	27.40 <span>-2.35</span> <span>0.00</span>	35.84 <span>-3.35</span> <span>0.00</span>	31.42 <span>-2.95</span> <span>0.00</span>	28.00 <span>-2.50</span> <span>0.00</span>	35.29 <span>-3.43</span> <span>0.00</span>	48.56 <span>-4.75</span> <span>0.00</span>	54.02 <span>-4.97</span> <span>0.00</span>	41.81 <span>-3.54</span> <span>0.00</span>	57.08 <span>-5.25</span> <span>0.00</span>	48.03 <span>-4.19</span> <span>0.00</span>	41.75 <span>-3.70</span> <span>0.00</span>	39.21 <span>-3.42</span> <span>0.00</span>	33.12 <span>-3.20</span> <span>0.00</span>