

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/02/2003

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 61757	25.54	8.34	3.64	9.86	10.03	9.87	61.66	34.76	44.16	44.52	50.24	50.95	47.25	37.82	38.10	35.46	40.13	31.50	38.19	32.17	34.77	32.41	27.36	26.05
	1.68	0.55	0.23	0.60	0.63	0.61	3.70	1.89	2.09	1.89	1.94	2.06	1.99	1.71	1.77	1.57	1.92	1.52	1.71	1.30	1.66	1.76	1.64	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.32	7.61	3.34	9.06	9.20	9.10	56.72	32.08	41.06	41.68	47.35	47.94	44.41	35.39	35.56	33.15	37.30	29.29	35.77	30.27	32.43	30.04	25.20	23.84
	-0.54	-0.17	-0.08	-0.20	-0.20	-0.17	-1.24	-0.79	-1.01	-0.95	-0.95	-0.95	-0.84	-0.73	-0.78	-0.73	-0.91	-0.69	-0.71	-0.61	-0.67	-0.61	-0.52	-0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.59	7.97	3.50	9.49	9.64	9.55	60.46	34.91	44.95	45.61	51.68	52.47	48.75	39.00	39.26	36.59	41.35	32.36	39.24	33.21	35.67	32.65	27.12	25.50
	0.73	0.19	0.09	0.23	0.24	0.29	2.51	2.03	2.88	2.98	3.39	3.58	3.50	2.89	2.93	2.71	3.14	2.38	2.77	2.33	2.56	2.00	1.40	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
GENESE 61753	23.80	7.75	3.41	9.21	9.36	9.22	57.22	32.07	40.84	41.52	47.38	48.04	44.39	35.41	35.56	33.19	37.29	29.34	35.65	30.03	32.10	30.16	25.52	24.32
	-0.06	-0.03	-0.01	-0.05	-0.04	-0.05	-0.74	-0.80	-1.23	-1.11	-0.92	-0.85	-0.86	-0.71	-0.77	-0.69	-0.92	-0.64	-0.83	-0.84	-1.00	-0.49	-0.19	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.89	7.78	3.42	9.27	9.41	9.27	57.70	39.65	41.61	41.39	42.46	44.35	44.64	35.62	35.84	33.44	37.65	29.55	35.94	30.42	32.61	30.42	25.58	24.37
	0.03	0.00	0.00	0.02	0.01	0.00	-0.25	-0.45	-0.46	-0.65	-0.52	-0.42	-0.61	-0.49	-0.49	-0.44	-0.55	-0.42	-0.53	-0.45	-0.49	-0.23	-0.13	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.83	0.00	1.36	4.21	1.94	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	24.27	7.91	3.47	9.40	9.55	9.44	59.61	34.29	44.17	44.78	50.74	51.41	47.64	38.07	38.31	35.72	40.35	31.62	38.42	32.53	34.92	31.96	26.60	25.06
	0.41	0.13	0.05	0.15	0.15	0.18	1.66	1.42	2.10	2.14	2.44	2.52	2.39	1.96	1.98	1.83	2.14	1.65	1.94	1.66	1.81	1.32	0.88	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.58	76.16	93.19	104.51	76.40	55.57	62.50	57.98	62.59	63.88	77.14	78.22	81.79	83.16	74.63	69.34	70.40	74.34	63.95	58.23	67.25	72.46	46.19	25.47
	0.81	0.31	0.13	0.34	0.34	0.35	2.67	2.12	3.00	2.93	3.13	3.52	3.57	2.95	2.82	2.57	2.98	2.31	2.49	2.23	2.53	1.93	1.38	1.07
	-12.91	-68.07	-89.65	-94.91	-66.65	-45.95	-1.88	-22.98	-17.52	-18.32	-25.71	-25.81	-32.96	-44.09	-35.48	-32.90	-29.21	-42.05	-24.99	-25.13	-31.61	-39.88	-19.10	0.00
MHK VL 61756	24.21	7.90	3.47	9.38	9.53	9.41	58.84	33.23	42.47	43.03	48.74	49.34	45.69	36.48	36.70	34.20	38.59	30.27	36.81	31.16	33.45	31.02	26.09	24.81
	0.35	0.11	0.05	0.12	0.12	0.14	0.89	0.36	0.40	0.40	0.44	0.45	0.44	0.37	0.37	0.32	0.38	0.29	0.34	0.28	0.35	0.37	0.38	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.26	7.88	3.46	9.37	9.52	9.43	59.65	34.42	44.30	44.95	50.92	51.66	47.97	38.37	38.62	35.99	40.68	31.84	38.64	32.70	35.12	32.15	26.71	25.13
	0.40	0.10	0.04	0.11	0.11	0.16	1.70	1.54	2.23	2.32	2.62	2.78	2.72	2.25	2.28	2.11	2.47	1.87	2.16	1.83	2.01	1.50	1.00	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.85	9.06	3.55	9.61	9.77	9.70	65.93	51.91	51.28	54.21	56.27	57.57	61.53	47.99	48.06	49.67	49.10	42.98	47.87	46.01	45.48	44.68	54.19	30.73
	1.06	0.31	0.14	0.36	0.37	0.43	3.53	2.70	3.68	3.82	4.35	4.62	4.56	3.80	3.86	3.59	4.12	3.11	3.61	3.02	3.31	2.67	1.92	1.55
	-6.93	-0.96	0.00	0.00	0.00	0.00	-4.44	-16.33	-5.52	-7.75	-3.62	-4.06	-11.72	-8.08	-7.87	-12.20	-6.77	-9.89	-7.78	-12.11	-9.07	-11.36	-26.56	-4.78
NORTH 61755	24.05	7.83	3.44	9.32	9.47	9.33	58.03	32.64	41.68	42.27	47.79	48.29	44.72	35.69	35.92	33.51	37.74	29.61	35.99	30.45	32.66	30.48	25.67	24.55
	0.19	0.05	0.02	0.07	0.07	0.06	0.07	-0.23	-0.39	-0.36	-0.51	-0.60	-0.53	-0.42	-0.41	-0.38	-0.47	-0.36	-0.48	-0.43	-0.44	-0.17	-0.05	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.79	40.00	42.01	35.00	40.00	9.59	60.02	42.25	43.30	43.95	45.06	47.20	46.42	37.16	37.44	34.87	39.46	30.96	37.55	31.70	34.19	31.65	26.64	25.33
	0.93	0.88	0.84	0.76	0.76	0.32	2.07	2.15	1.23	1.91	2.08	2.43	1.17	1.04	1.11	0.98	1.25	0.98	1.07	0.83	1.09	1.00	0.92	0.93
	0.00	-6.35	-15.82	-8.91	-14.69	0.00	0.00	9.83	0.00	1.36	4.21	1.94	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	19.86 <span>-4.00</span> <span>0.00</span>	6.50 <span>-1.28</span> <span>0.00</span>	2.86 <span>-0.55</span> <span>0.00</span>	7.74 <span>-1.52</span> <span>0.00</span>	7.86 <span>-1.54</span> <span>0.00</span>	7.74 <span>-1.53</span> <span>0.00</span>	48.21 <span>-9.75</span> <span>0.00</span>	33.86 <span>-6.24</span> <span>9.83</span>	34.85 <span>-7.22</span> <span>0.00</span>	37.44 <span>-4.60</span> <span>1.36</span>	37.88 <span>-5.10</span> <span>4.21</span>	37.62 <span>-7.15</span> <span>1.94</span>	38.10 <span>-7.15</span> <span>0.00</span>	30.20 <span>-5.92</span> <span>0.00</span>	30.17 <span>-6.16</span> <span>0.00</span>	28.26 <span>-5.62</span> <span>0.00</span>	31.52 <span>-6.69</span> <span>0.00</span>	24.79 <span>-5.18</span> <span>0.00</span>	30.33 <span>-6.15</span> <span>0.00</span>	25.81 <span>-5.06</span> <span>0.00</span>	27.31 <span>-5.79</span> <span>0.00</span>	25.27 <span>-5.38</span> <span>0.00</span>	21.26 <span>-4.46</span> <span>0.00</span>	20.20 <span>-4.20</span> <span>0.00</span>
PJM 61847	19.98 <span>-5.76</span> <span>24.81</span>	5.00 <span>-2.92</span> <span>24.85</span>	9.01 <span>-3.29</span> <span>13.05</span>	5.00 <span>-2.71</span> <span>17.62</span>	-0.01 <span>-3.22</span> <span>21.34</span>	5.00 <span>-4.01</span> <span>24.13</span>	54.45 <span>-3.51</span> <span>0.00</span>	38.50 <span>-1.60</span> <span>9.83</span>	39.90 <span>-2.17</span> <span>0.00</span>	42.00 <span>-0.04</span> <span>1.36</span>	41.00 <span>-1.98</span> <span>4.21</span>	40.01 <span>-4.76</span> <span>1.94</span>	43.08 <span>-2.17</span> <span>0.00</span>	34.26 <span>-1.86</span> <span>0.00</span>	34.33 <span>-2.00</span> <span>0.00</span>	32.04 <span>-1.84</span> <span>0.00</span>	35.94 <span>-2.27</span> <span>0.00</span>	28.17 <span>-1.81</span> <span>0.00</span>	34.43 <span>-2.05</span> <span>0.00</span>	29.28 <span>-1.59</span> <span>0.00</span>	31.25 <span>-1.85</span> <span>0.00</span>	28.70 <span>-1.95</span> <span>0.00</span>	23.99 <span>-1.72</span> <span>0.00</span>	22.73 <span>-1.67</span> <span>0.00</span>
WEST 61752	22.35 <span>-1.51</span> <span>0.00</span>	7.31 <span>-0.47</span> <span>0.00</span>	3.23 <span>-0.19</span> <span>0.00</span>	8.73 <span>-0.52</span> <span>0.00</span>	8.87 <span>-0.54</span> <span>0.00</span>	8.73 <span>-0.54</span> <span>0.00</span>	54.38 <span>-3.58</span> <span>0.00</span>	30.73 <span>-2.15</span> <span>0.00</span>	39.27 <span>-2.80</span> <span>0.00</span>	39.97 <span>-2.66</span> <span>0.00</span>	45.95 <span>-2.35</span> <span>0.00</span>	46.57 <span>-2.32</span> <span>0.00</span>	42.70 <span>-2.55</span> <span>0.00</span>	33.83 <span>-2.29</span> <span>0.00</span>	33.92 <span>-2.41</span> <span>0.00</span>	31.77 <span>-2.11</span> <span>0.00</span>	35.47 <span>-2.74</span> <span>0.00</span>	27.91 <span>-2.07</span> <span>0.00</span>	34.14 <span>-2.34</span> <span>0.00</span>	29.07 <span>-1.80</span> <span>0.00</span>	30.75 <span>-2.36</span> <span>0.00</span>	28.48 <span>-2.17</span> <span>0.00</span>	23.93 <span>-1.78</span> <span>0.00</span>	22.75 <span>-1.65</span> <span>0.00</span>