

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

06/13/2004

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	23.64	19.27	7.26	10.17	8.01	0.44	-1.18	7.37	22.91	24.43	17.77	18.71	61.08	37.36	26.29	26.81	31.33	31.55	31.52	29.62	29.05	29.65	28.65	25.99
61757	1.82	1.54	0.56	0.76	0.59	0.03	-0.09	0.49	1.55	1.93	1.40	1.52	5.04	3.20	2.09	2.12	2.30	2.30	2.30	2.13	2.27	2.24	2.25	1.90
	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	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CENTRL	21.24	17.22	6.52	9.14	7.21	0.39	-1.06	6.73	20.92	21.97	16.04	16.87	54.59	33.06	23.62	24.16	28.23	28.41	28.38	26.76	26.11	26.70	25.71	23.54
61754	-0.58	-0.51	-0.19	-0.27	-0.20	-0.01	0.03	-0.16	-0.44	-0.53	-0.32	-0.33	-1.45	-1.11	-0.58	-0.53	-0.80	-0.85	-0.84	-0.73	-0.67	-0.71	-0.68	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DUNWOD	22.77	37.25	54.01	62.89	52.76	4.60	-1.13	33.89	70.03	73.48	80.48	83.95	78.58	82.88	82.90	82.36	74.21	74.51	73.89	72.68	76.52	75.21	69.97	69.46
61760	0.95	0.77	0.28	0.36	0.25	0.02	-0.03	0.28	0.89	0.89	0.63	0.63	2.17	1.42	1.02	1.04	1.32	1.24	1.23	1.11	1.10	1.10	0.93	0.86
	0.00	-18.75	-47.02	-53.13	-45.09	-4.18	0.00	-26.72	-47.78	-50.09	-63.48	-66.13	-20.38	-47.29	-57.68	-56.63	-43.86	-44.01	-43.44	-44.09	-48.64	-46.70	-42.64	-44.51
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GENESE	21.55	17.46	6.60	9.31	7.38	0.40	-1.09	6.90	21.42	22.54	16.47	17.40	56.39	34.16	24.29	24.81	29.00	29.25	29.15	27.50	26.79	27.56	26.58	24.21
61753	-0.26	-0.27	-0.10	-0.10	-0.04	0.00	0.00	0.02	0.06	0.05	0.11	0.21	0.36	-0.01	0.09	0.12	-0.03	0.00	-0.07	0.02	0.01	0.15	0.19	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
H Q	27.60	23.29	6.64	28.00	16.65	16.05	18.24	6.82	30.37	22.39	38.00	17.13	55.79	34.02	24.11	24.56	28.89	29.20	29.18	27.45	26.71	27.38	26.39	24.02
61844	-0.09	-0.15	-0.07	0.05	0.06	0.08	0.05	-0.07	0.20	-0.11	0.13	-0.07	-0.25	-0.15	-0.09	-0.14	-0.15	-0.05	-0.04	-0.04	-0.06	-0.02	0.00	-0.07
	0.03	1.49	0.00	-1.42	8.52	3.11	-3.07	0.00	3.63	0.00	-5.27	0.00	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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
HUD VL	22.41	18.20	6.88	9.62	7.56	0.41	-1.11	7.03	21.87	23.01	16.71	17.57	57.43	35.02	24.79	25.34	29.90	30.01	29.96	28.13	27.42	28.05	26.88	24.54
61758	0.59	0.47	0.17	0.21	0.15	0.01	-0.02	0.14	0.51	0.51	0.35	0.37	1.40	0.85	0.59	0.65	0.86	0.76	0.74	0.65	0.64	0.64	0.49	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
LONGIL	34.57	40.02	55.31	64.13	53.35	4.61	-1.15	34.05	70.24	73.43	80.56	84.13	79.33	83.53	83.35	82.82	74.71	75.02	74.38	73.07	76.86	75.58	70.25	69.64
61762	1.47	1.23	0.47	0.61	0.45	0.03	-0.06	0.44	1.10	0.84	0.71	0.80	2.92	2.06	1.47	1.50	1.82	1.75	1.72	1.49	1.44	1.47	1.21	1.04
	-11.29	-21.05	-48.13	-54.11	-45.48	-4.18	0.00	-26.72	-47.78	-50.09	-63.48	-66.13	-20.38	-47.29	-57.68	-56.63	-43.86	-44.01	-43.44	-44.09	-48.64	-46.70	-42.64	-44.51
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
MHK VL	22.28	18.11	6.84	9.59	7.56	0.41	-1.11	7.01	21.76	22.97	16.72	17.57	57.22	34.91	24.72	25.19	29.50	29.76	29.74	27.97	27.32	27.94	26.96	24.59
61756	0.46	0.38	0.14	0.18	0.14	0.01	-0.02	0.12	0.40	0.47	0.36	0.38	1.19	0.75	0.52	0.50	0.46	0.51	0.51	0.49	0.54	0.53	0.57	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
MILLWD	22.43	36.98	53.91	62.75	52.65	4.59	-1.11	33.74	69.69	73.13	80.21	83.70	77.75	82.37	82.51	82.00	73.78	74.08	73.46	72.28	76.12	74.80	69.58	69.11
61759	0.62	0.49	0.18	0.22	0.14	0.01	-0.02	0.13	0.55	0.55	0.36	0.37	1.34	0.91	0.63	0.68	0.89	0.81	0.80	0.70	0.70	0.69	0.54	0.51
	0.00	-18.75	-47.02	-53.13	-45.09	-4.18	0.00	-26.72	-47.78	-50.09	-63.48	-66.13	-20.38	-47.29	-57.68	-56.63	-43.86	-44.01	-43.44	-44.09	-48.64	-46.70	-42.64	-44.51
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
N.Y.C.	33.05	42.97	54.13	63.04	52.88	4.60	-1.14	34.99	70.42	73.90	80.76	84.23	79.40	83.40	83.25	82.73	74.65	74.95	74.35	73.13	76.95	75.62	71.28	70.50
61761	1.30	1.07	0.39	0.51	0.37	0.02	-0.05	0.39	1.28	1.32	0.92	0.90	2.99	1.94	1.37	1.41	1.76	1.68	1.69	1.55	1.53	1.51	1.35	1.25
	-9.94	-24.17	-47.03	-53.13	-45.09	-4.18	0.00	-27.71	-47.78	-50.09	-63.48	-66.13	-20.38	-47.29	-57.68	-56.63	-43.86	-44.01	-43.44	-44.09	-48.64	-46.70	-43.54	-45.17
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

NORTH 61755	21.77 <b>-0.05</b> 0.00 N	17.67 <b>-0.06</b> 0.00 N	6.68 <b>-0.02</b> 0.00 N	9.39 <b>-0.02</b> 0.00 N	7.41 <b>0.00</b> 0.00 N	0.40 <b>0.00</b> 0.00 N	-1.09 <b>0.00</b> 0.00 N	6.87 <b>-0.02</b> 0.00 N	21.38 <b>0.02</b> 0.00 N	22.58 <b>0.08</b> 0.00 N	16.45 <b>0.08</b> 0.00 N	17.27 <b>0.08</b> 0.00 N	56.20 <b>0.16</b> 0.00 N	34.29 <b>0.13</b> 0.00 N	24.28 <b>0.08</b> 0.00 N	24.73 <b>0.04</b> 0.00 N	29.04 <b>0.00</b> 0.00 N	29.38 <b>0.13</b> 0.00 N	29.36 <b>0.14</b> 0.00 N	27.62 <b>0.13</b> 0.00 N	26.91 <b>0.13</b> 0.00 N	27.57 <b>0.17</b> 0.00 N	26.61 <b>0.22</b> 0.00 N	24.21 <b>0.12</b> 0.00 N
NPX 61845	22.93 <b>1.11</b> 0.00 N	29.99 <b>1.29</b> <b>-3.36</b> N	28.00 <b>1.08</b> <b>-2.95</b> N	31.00 <b>1.17</b> <b>-3.30</b> N	7.77 <b>0.35</b> <b>0.00</b> N	0.42 <b>0.02</b> <b>0.00</b> N	25.00 <b>0.68</b> <b>-9.20</b> N	7.14 <b>0.26</b> <b>0.00</b> N	22.21 <b>0.85</b> <b>0.00</b> N	23.57 <b>1.07</b> <b>0.00</b> N	17.08 <b>0.72</b> <b>0.00</b> N	17.97 <b>0.77</b> <b>0.00</b> N	58.77 <b>2.74</b> <b>0.00</b> N	35.95 <b>1.78</b> <b>0.00</b> N	25.31 <b>1.11</b> <b>0.00</b> N	25.83 <b>1.14</b> <b>0.00</b> N	30.30 <b>1.27</b> <b>0.00</b> N	30.47 <b>1.21</b> <b>0.00</b> N	30.43 <b>1.21</b> <b>0.00</b> N	28.59 <b>1.11</b> <b>0.00</b> N	27.99 <b>1.21</b> <b>0.00</b> N	28.58 <b>1.17</b> <b>0.00</b> N	27.57 <b>1.18</b> <b>0.00</b> N	25.11 <b>1.02</b> <b>0.00</b> N
O H 61846	20.08 <b>-1.73</b> 0.00 N	16.22 <b>-1.51</b> 0.00 N	6.18 <b>-0.53</b> 0.00 N	24.50 <b>-3.45</b> <b>-1.42</b> N	6.89 <b>-0.53</b> <b>0.00</b> N	0.37 <b>-0.03</b> <b>0.00</b> N	-1.03 <b>0.07</b> <b>0.00</b> N	6.48 <b>-0.40</b> <b>0.00</b> N	20.02 <b>-1.34</b> <b>0.00</b> N	20.75 <b>-1.75</b> <b>0.00</b> N	15.09 <b>-1.27</b> <b>0.00</b> N	15.90 <b>-1.29</b> <b>0.00</b> N	51.51 <b>-4.53</b> <b>0.00</b> N	31.12 <b>-3.05</b> <b>0.00</b> N	22.20 <b>-2.00</b> <b>0.00</b> N	22.72 <b>-1.97</b> <b>0.00</b> N	26.91 <b>-2.12</b> <b>0.00</b> N	27.11 <b>-2.15</b> <b>0.00</b> N	27.02 <b>-2.20</b> <b>0.00</b> N	25.60 <b>-1.89</b> <b>0.00</b> N	24.64 <b>-2.14</b> <b>0.00</b> N	25.38 <b>-2.03</b> <b>0.00</b> N	24.29 <b>-2.10</b> <b>0.00</b> N	22.48 <b>-1.61</b> <b>0.00</b> N
PJM 61847	5.00 <b>-4.05</b> <b>17.10</b> N	5.99 <b>-3.93</b> <b>15.42</b> N	5.00 <b>-2.04</b> <b>16.93</b> N	2.00 <b>-2.18</b> <b>22.35</b> N	-0.01 <b>-2.23</b> <b>23.07</b> N	1.00 <b>-2.50</b> <b>15.58</b> N	0.00 <b>-1.83</b> <b>13.29</b> N	6.40 <b>-0.49</b> <b>0.00</b> N	20.20 <b>-2.50</b> <b>11.10</b> N	20.74 <b>-1.75</b> <b>0.00</b> N	15.05 <b>-1.31</b> <b>0.00</b> N	22.01 <b>-2.84</b> <b>7.09</b> N	51.37 <b>-4.67</b> <b>0.00</b> N	31.25 <b>-2.92</b> <b>0.00</b> N	22.24 <b>-1.96</b> <b>0.00</b> N	22.72 <b>-1.97</b> <b>0.00</b> N	26.82 <b>-2.21</b> <b>0.00</b> N	27.06 <b>-2.19</b> <b>0.00</b> N	27.07 <b>-2.15</b> <b>0.00</b> N	25.47 <b>-2.02</b> <b>0.00</b> N	24.67 <b>-2.11</b> <b>0.00</b> N	25.31 <b>-2.09</b> <b>0.00</b> N	24.28 <b>-2.11</b> <b>0.00</b> N	22.27 <b>-1.82</b> <b>0.00</b> N
WEST 61752	19.95 <b>-1.87</b> 0.00 N	16.10 <b>-1.63</b> 0.00 N	6.13 <b>-0.58</b> 0.00 N	8.64 <b>-0.77</b> 0.00 N	6.85 <b>-0.57</b> 0.00 N	0.37 <b>-0.03</b> 0.00 N	-1.02 <b>0.07</b> 0.00 N	6.44 <b>-0.44</b> 0.00 N	19.90 <b>-1.46</b> 0.00 N	20.60 <b>-1.89</b> 0.00 N	14.99 <b>-1.38</b> 0.00 N	15.80 <b>-1.40</b> 0.00 N	51.15 <b>-4.88</b> 0.00 N	30.88 <b>-3.29</b> 0.00 N	22.07 <b>-2.13</b> 0.00 N	22.57 <b>-2.12</b> 0.00 N	26.75 <b>-2.28</b> 0.00 N	26.98 <b>-2.27</b> 0.00 N	26.90 <b>-2.32</b> 0.00 N	25.50 <b>-1.98</b> 0.00 N	24.54 <b>-2.24</b> 0.00 N	25.31 <b>-2.10</b> 0.00 N	24.22 <b>-2.17</b> 0.00 N	22.42 <b>-1.67</b> 0.00 N