

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/14/2002

| 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 | 45.46 3.40 0.00 | 41.81 3.01 0.00 | 40.99 3.03 0.00 | 20.69 1.54 0.00 | 18.93 1.45 0.00 | 40.98 3.22 0.00 | 63.92 5.00 0.00 | 47.23 3.24 0.00 | 46.08 2.79 0.00 | 44.48 2.82 0.00 | 42.41 2.56 0.00 | 41.43 2.53 0.00 | 39.98 2.41 0.00 | 43.52 2.55 0.00 | 40.78 2.25 0.00 | 41.45 2.17 0.00 | 45.52 2.29 0.00 | 65.19 3.11 0.00 | 58.80 2.69 0.00 | 46.73 2.41 0.00 | 44.27 2.33 0.00 | 43.42 2.63 0.00 | 36.59 2.14 0.00 | 22.90 1.43 0.00 |
| CENTRL 61754 | 40.87 -1.19 0.00 | 37.70 -1.10 0.00 | 36.81 -1.15 0.00 | 18.62 -0.53 0.00 | 17.01 -0.47 0.00 | 36.71 -1.05 0.00 | 57.45 -1.47 0.00 | 42.96 -1.03 0.00 | 42.36 -0.93 0.00 | 40.78 -0.87 0.00 | 39.06 -0.80 0.00 | 38.08 0.00 0.00 | 36.77 -0.79 0.00 | 40.14 -0.84 0.00 | 37.75 -0.79 0.00 | 38.49 -0.79 0.00 | 42.44 -0.79 0.00 | 61.08 -1.00 0.00 | 55.23 -0.88 0.00 | 43.60 -0.72 0.00 | 41.16 -0.79 0.00 | 39.95 -0.85 0.00 | 33.62 -0.83 0.00 | 21.01 -0.45 0.00 |
| DUNWOD 61760 | 44.05 1.99 0.00 | 40.60 1.80 0.00 | 39.61 1.65 0.00 | 19.95 0.80 0.00 | 18.23 0.74 0.00 | 39.48 1.72 0.00 | 61.40 2.48 0.00 | 46.32 2.32 0.00 | 46.07 2.78 0.00 | 44.31 2.66 0.00 | 42.39 2.53 0.00 | 41.54 2.64 0.00 | 40.09 2.52 0.00 | 43.59 2.62 0.00 | 41.09 2.55 0.00 | 41.91 2.62 0.00 | 46.38 3.15 0.00 | 66.97 4.89 0.00 | 60.30 4.19 0.00 | 47.40 3.08 0.00 | 44.84 2.89 0.00 | 43.41 2.62 0.00 | 36.68 2.23 0.00 | 22.62 1.16 0.00 |
| GENESE 61753 | 42.00 -0.06 0.00 | 38.59 -0.21 0.00 | 37.69 -0.27 0.00 | 19.08 -0.07 0.00 | 17.45 -0.03 0.00 | 37.74 -0.02 0.00 | 59.37 0.45 0.00 | 44.01 0.01 0.00 | 43.06 -0.23 0.00 | 41.62 -0.04 0.00 | 39.65 -0.21 0.00 | 38.60 -0.30 0.00 | 37.30 -0.26 0.00 | 40.74 -0.24 0.00 | 38.27 -0.27 0.00 | 39.02 -0.27 0.00 | 42.93 -0.30 0.00 | 61.71 -0.37 0.00 | 55.86 -0.25 0.00 | 44.28 -0.04 0.00 | 41.70 -0.25 0.00 | 40.57 -0.22 0.00 | 34.12 -0.33 0.00 | 21.36 -0.11 0.00 |
| H Q 61844 | 32.00 0.13 -5.77 | 38.57 -0.24 0.00 | 37.76 -0.20 0.00 | 19.07 -0.08 0.00 | 17.41 -0.07 0.00 | 37.65 -0.11 0.00 | 58.82 -0.10 0.00 | 43.96 -0.04 0.00 | 44.16 -0.41 1.35 | 41.46 -0.20 0.00 | 39.60 -0.26 0.00 | 38.59 -0.31 0.00 | 37.19 -0.37 0.00 | 40.59 -0.38 0.00 | 38.18 -0.35 0.00 | 38.97 -0.31 0.00 | 42.84 -0.40 0.00 | 61.53 -0.56 0.00 | 55.68 -0.43 0.00 | 44.03 -0.28 0.00 | 41.68 -0.26 0.00 | 40.50 -0.29 0.00 | 34.21 -0.24 0.00 | 21.32 -0.15 0.00 |
| HUD VL 61758 | 42.81 0.75 0.00 | 39.50 0.69 0.00 | 38.60 0.64 0.00 | 19.44 0.29 0.00 | 17.76 0.28 0.00 | 38.42 0.66 0.00 | 59.86 0.94 0.00 | 45.08 1.08 0.00 | 44.69 1.40 0.00 | 42.90 1.25 0.00 | 41.09 1.23 0.00 | 40.24 1.34 0.00 | 38.85 1.29 0.00 | 42.31 1.33 0.00 | 39.84 1.31 0.00 | 40.62 1.33 0.00 | 44.92 1.68 0.00 | 64.83 2.75 0.00 | 58.54 2.43 0.00 | 45.99 1.67 0.00 | 43.49 1.54 0.00 | 42.14 1.35 0.00 | 35.60 1.15 0.00 | 22.03 0.56 0.00 |
| LONGIL 61762 | 44.65 2.59 0.00 | 41.28 2.48 0.00 | 40.26 2.30 0.00 | 20.28 1.14 0.00 | 18.55 1.07 0.00 | 40.14 2.38 0.00 | 61.85 2.92 0.00 | 46.53 2.53 0.00 | 46.20 2.92 0.00 | 44.38 2.73 0.00 | 42.46 2.61 0.00 | 41.62 2.73 0.00 | 40.24 2.68 0.00 | 43.57 2.59 0.00 | 41.08 2.54 0.00 | 41.84 2.56 0.00 | 46.66 3.02 -0.41 | 66.76 4.67 0.00 | 61.12 4.12 -0.89 | 47.67 3.17 -0.19 | 44.86 2.92 0.00 | 43.68 2.89 0.00 | 36.93 2.48 0.00 | 22.72 1.26 0.00 |
| MHK VL 61756 | 42.99 0.93 0.00 | 39.63 0.83 0.00 | 38.78 0.82 0.00 | 19.55 0.40 0.00 | 17.87 0.39 0.00 | 38.59 0.83 0.00 | 60.22 1.30 0.00 | 44.73 0.73 0.00 | 43.94 0.65 0.00 | 42.36 0.70 0.00 | 40.53 0.67 0.00 | 39.54 0.64 0.00 | 38.16 0.60 0.00 | 41.61 0.64 0.00 | 39.13 0.60 0.00 | 39.86 0.57 0.00 | 43.81 0.58 0.00 | 62.79 0.70 0.00 | 56.68 0.57 0.00 | 44.89 0.57 0.00 | 42.47 0.53 0.00 | 41.44 0.64 0.00 | 34.95 0.50 0.00 | 21.85 0.39 0.00 |
| MILLWD 61759 | 43.56 1.51 0.00 | 40.16 1.36 0.00 | 39.20 1.24 0.00 | 19.74 0.59 0.00 | 18.04 0.55 0.00 | 39.05 1.29 0.00 | 60.71 1.79 0.00 | 45.78 1.78 0.00 | 45.51 2.22 0.00 | 43.76 2.10 0.00 | 41.87 2.02 0.00 | 41.03 2.13 0.00 | 39.60 2.03 0.00 | 43.07 2.10 0.00 | 40.60 2.06 0.00 | 41.41 2.12 0.00 | 45.82 2.59 0.00 | 66.14 4.06 0.00 | 59.59 3.48 0.00 | 46.84 2.52 0.00 | 44.30 2.36 0.00 | 42.90 2.11 0.00 | 36.23 1.78 0.00 | 22.37 0.91 0.00 |
| N.Y.C. 61761 | 45.61 2.82 -0.73 | 41.51 2.53 -0.18 | 40.30 2.34 0.00 | 20.29 1.14 0.00 | 18.54 1.06 0.00 | 40.22 2.46 0.00 | 62.53 3.60 0.00 | 47.23 3.23 0.00 | 52.29 3.81 -5.19 | 54.81 3.70 -9.45 | 47.69 3.43 -4.40 | 62.59 3.51 -20.19 | 50.68 3.31 -9.81 | 48.71 3.46 -4.29 | 48.62 3.37 -6.72 | 52.04 3.47 -9.28 | 57.18 4.12 -9.82 | 100.91 6.21 -32.62 | 63.64 5.18 -2.35 | 51.64 3.92 -3.40 | 55.08 3.76 -9.38 | 46.89 3.41 -2.69 | 47.29 2.92 -9.92 | 28.72 1.55 -5.71 |
| NORTH 61755 | 42.22 0.16 0.00 | 38.90 0.09 0.00 | 38.08 0.12 0.00 | 19.22 0.07 0.00 | 17.56 0.08 0.00 | 37.98 0.22 0.00 | 59.25 0.33 0.00 | 44.19 0.19 0.00 | 43.27 -0.02 0.00 | 41.68 0.02 0.00 | 39.82 -0.03 0.00 | 38.81 -0.08 0.00 | 37.41 -0.15 0.00 | 40.83 -0.15 0.00 | 38.38 -0.15 0.00 | 39.16 -0.12 0.00 | 43.02 -0.21 0.00 | 61.73 -0.35 0.00 | 55.84 -0.27 0.00 | 44.17 -0.14 0.00 | 41.83 -0.11 0.00 | 40.67 -0.12 0.00 | 34.35 -0.10 0.00 | 21.45 -0.02 0.00 |
| NPX 61845 | 44.50 2.44 0.00 | 40.97 2.17 0.00 | 40.13 2.17 0.00 | 20.22 1.07 0.00 | 18.49 1.01 0.00 | 39.99 2.23 0.00 | 62.28 3.36 0.00 | 46.26 2.26 0.00 | 46.50 1.93 1.35 | 43.76 2.10 0.00 | 41.79 1.94 0.00 | 40.86 1.96 0.00 | 39.48 1.92 0.00 | 42.99 2.01 0.00 | 40.34 1.81 0.00 | 41.04 1.75 0.00 | 45.13 1.90 0.00 | 64.75 2.67 0.00 | 58.43 2.32 0.00 | 46.25 1.94 0.00 | 43.85 1.91 0.00 | 42.91 2.11 0.00 | 36.27 1.82 0.00 | 22.61 1.15 0.00 |

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|---------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| H 61846 | 32.88 <i>-9.18</i> 0.00 | 30.39 <i>-8.41</i> 0.00 | 29.61 <i>-8.35</i> 0.00 | 14.96 <i>-4.19</i> 0.00 | 13.67 <i>-3.81</i> 0.00 | 29.53 <i>-8.23</i> 0.00 | 46.11 <i>-12.81</i> 0.00 | 34.62 <i>-9.38</i> 0.00 | 39.52 <i>-5.05</i> 1.35 | 32.79 <i>-8.87</i> 0.00 | 31.32 <i>-8.54</i> 0.00 | 30.45 <i>-8.45</i> 0.00 | 29.51 <i>-8.05</i> 0.00 | 32.26 <i>-8.71</i> 0.00 | 30.39 <i>-8.14</i> 0.00 | 31.07 <i>-8.21</i> 0.00 | 34.25 <i>-8.99</i> 0.00 | 49.35 <i>-12.74</i> 0.00 | 44.80 <i>-11.32</i> 0.00 | 35.21 <i>-9.11</i> 0.00 | 33.19 <i>-8.75</i> 0.00 | 32.15 <i>-8.64</i> 0.00 | 27.24 <i>-7.21</i> 0.00 | 17.05 <i>-4.42</i> 0.00 |
| PJM 61847 | 10.01 <i>-3.52</i> 12.57 | 4.84 <i>-4.22</i> 19.28 | 19.00 <i>-4.52</i> 3.89 | 19.00 <i>-4.74</i> 4.62 | 21.00 <i>-5.19</i> 5.83 | 21.00 <i>-6.97</i> 14.01 | 53.75 <i>-5.18</i> 0.00 | 40.01 <i>-3.99</i> 0.00 | 40.53 <i>-4.04</i> 1.35 | 37.63 <i>-4.03</i> 0.00 | 36.28 <i>-3.58</i> 0.00 | 35.50 <i>-5.50</i> 0.96 | 35.84 <i>-4.03</i> 0.05 | 37.36 <i>-3.61</i> 0.00 | 35.20 <i>-3.33</i> 0.00 | 35.95 <i>-3.33</i> 0.00 | 39.57 <i>-3.66</i> 0.00 | 56.67 <i>-5.41</i> 0.00 | 51.33 <i>-4.78</i> 0.00 | 40.32 <i>-4.00</i> 0.00 | 38.13 <i>-3.82</i> 0.00 | 34.51 <i>-5.85</i> 2.38 | 29.00 <i>-5.51</i> 8.55 | 19.39 <i>-2.07</i> 0.00 |
| WEST 61752 | 38.26 <i>-3.80</i> 0.00 | 35.38 <i>-3.42</i> 0.00 | 34.45 <i>-3.51</i> 0.00 | 17.43 <i>-1.72</i> 0.00 | 15.94 <i>-1.54</i> 0.00 | 34.44 <i>-3.32</i> 0.00 | 53.75 <i>-5.17</i> 0.00 | 40.25 <i>-3.75</i> 0.00 | 39.58 <i>-3.70</i> 0.00 | 37.95 <i>-3.71</i> 0.00 | 36.49 <i>-3.37</i> 0.00 | 35.46 <i>-3.44</i> 0.00 | 34.40 <i>-3.16</i> 0.00 | 37.66 <i>-3.32</i> 0.00 | 35.45 <i>-3.09</i> 0.00 | 36.26 <i>-3.03</i> 0.00 | 39.96 <i>-3.27</i> 0.00 | 57.25 <i>-4.83</i> 0.00 | 52.04 <i>-4.08</i> 0.00 | 40.88 <i>-3.43</i> 0.00 | 38.64 <i>-3.31</i> 0.00 | 37.37 <i>-3.42</i> 0.00 | 31.62 <i>-2.83</i> 0.00 | 19.77 <i>-1.70</i> 0.00 |