

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/02/2003

| 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 | 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 | 31.56 0.69 0.00 | 27.85 0.59 0.00 | 26.14 0.55 0.00 | 25.10 0.50 0.00 | 25.25 0.42 0.00 | 33.90 0.60 0.00 | 48.04 1.78 0.00 | 56.24 2.54 0.00 | 53.81 2.74 0.00 | 49.76 2.46 0.00 | 50.26 2.59 0.00 | 47.06 2.47 0.00 | 44.20 2.23 0.00 | 44.25 2.28 0.00 | 43.71 2.00 0.00 | 43.92 2.08 0.00 | 54.16 2.59 0.00 | 74.88 3.89 0.00 | 65.40 3.29 0.00 | 58.13 3.03 0.00 | 56.80 2.83 0.00 | 46.26 2.43 0.00 | 42.16 1.42 0.00 | 34.02 0.88 0.00 |
| CENTRL 61754 | 29.82 -1.05 0.00 | 26.31 -0.95 0.00 | 24.79 -0.80 0.00 | 23.88 -0.72 0.00 | 24.23 -0.60 0.00 | 32.57 -0.73 0.00 | 45.43 -0.83 0.00 | 52.54 -1.16 0.00 | 49.92 -1.15 0.00 | 46.32 -0.98 0.00 | 46.57 -1.10 0.00 | 43.61 -0.98 0.00 | 41.04 -0.93 0.00 | 40.91 -1.06 0.00 | 40.52 -1.19 0.00 | 40.59 -1.25 0.00 | 50.42 -1.15 0.00 | 69.73 -1.26 0.00 | 61.04 -1.07 0.00 | 54.18 -0.92 0.00 | 52.71 -1.26 0.00 | 42.62 -1.21 0.00 | 39.15 -1.59 0.00 | 31.80 -1.34 0.00 |
| DUNWOD 61760 | 32.32 1.45 0.00 | 28.46 1.20 0.00 | 26.72 1.13 0.00 | 25.61 1.01 0.00 | 25.60 0.77 0.00 | 34.40 1.10 0.00 | 48.76 2.50 0.00 | 57.03 3.33 0.00 | 54.75 3.52 -0.16 | 50.96 3.36 -0.30 | 51.39 3.43 -0.29 | 48.22 3.30 -0.33 | 45.27 2.90 -0.40 | 45.43 3.06 -0.40 | 44.99 2.88 -0.40 | 45.29 3.05 -0.40 | 55.79 3.76 -0.46 | 76.48 5.18 -0.31 | 66.80 4.53 -0.16 | 59.41 4.19 -0.12 | 57.69 3.72 0.00 | 47.08 3.11 -0.14 | 43.23 2.32 -0.17 | 34.92 1.66 -0.12 |
| GENESE 61753 | 30.58 -0.29 0.00 | 27.03 -0.23 0.00 | 25.64 0.05 0.00 | 24.77 0.17 0.00 | 25.23 0.40 0.00 | 33.68 0.38 0.00 | 45.77 -0.49 0.00 | 52.50 -1.20 0.00 | 50.04 -1.03 0.00 | 46.57 -0.73 0.00 | 46.58 -1.09 0.00 | 43.80 -0.79 0.00 | 41.26 -0.71 0.00 | 40.91 -1.06 0.00 | 40.45 -1.26 0.00 | 40.54 -1.30 0.00 | 50.87 -0.70 0.00 | 71.00 0.01 0.00 | 61.86 -0.25 0.00 | 55.10 0.00 0.00 | 54.09 0.12 0.00 | 42.70 -1.13 0.00 | 39.00 -1.74 0.00 | 32.27 -0.87 0.00 |
| H Q 61844 | 29.43 0.03 1.47 | 27.31 0.05 0.00 | 25.56 -0.03 0.00 | 24.58 -0.02 0.00 | 24.85 0.02 0.00 | 33.33 0.03 0.00 | 45.89 -0.37 0.00 | 53.22 -0.48 0.00 | 50.56 -0.51 0.00 | 46.83 -0.47 0.00 | 47.24 -0.43 0.00 | 44.05 -0.54 0.00 | 41.55 -0.42 0.00 | 41.55 -0.42 0.00 | 41.46 -0.25 0.00 | 41.55 -0.29 0.00 | 51.11 -0.46 0.00 | 70.00 -0.99 0.00 | 61.30 -0.81 0.00 | 54.27 -0.83 0.00 | 53.43 -0.54 0.00 | 43.44 -0.39 0.00 | 40.74 0.00 0.00 | 33.24 0.10 0.00 |
| HUD VL 61758 | 31.79 0.92 0.00 | 28.00 0.74 0.00 | 26.27 0.68 0.00 | 25.19 0.59 0.00 | 25.22 0.39 0.00 | 33.88 0.58 0.00 | 47.92 1.66 0.00 | 56.22 2.52 0.00 | 53.74 2.67 0.00 | 49.86 2.56 0.00 | 50.30 2.63 0.00 | 47.11 2.52 0.00 | 44.20 2.23 0.00 | 44.32 2.35 0.00 | 43.92 2.21 0.00 | 44.21 2.37 0.00 | 54.51 2.94 0.00 | 75.09 4.10 0.00 | 65.68 3.57 0.00 | 58.43 3.33 0.00 | 56.90 2.93 0.00 | 46.25 2.42 0.00 | 42.50 1.76 0.00 | 34.31 1.17 0.00 |
| LONGIL 61762 | 33.04 2.17 0.00 | 29.15 1.89 0.00 | 27.41 1.82 0.00 | 26.24 1.64 0.00 | 42.95 1.20 -16.92 | 44.48 1.67 -9.51 | 51.82 3.09 -2.47 | 59.23 4.15 -1.38 | 67.23 4.21 -11.95 | 69.18 4.04 -17.84 | 67.73 4.04 -16.02 | 67.87 3.84 -19.44 | 68.07 3.33 -22.77 | 67.64 3.48 -22.19 | 67.63 3.33 -22.59 | 67.66 3.49 -22.33 | 70.18 4.32 -14.29 | 97.86 5.37 -21.50 | 97.77 4.74 -30.92 | 97.43 4.68 -37.65 | 87.19 4.13 -29.09 | 70.01 3.56 -22.62 | 67.64 2.79 -24.11 | 56.13 2.12 -20.87 |
| MHK VL 61756 | 30.68 -0.19 0.00 | 27.07 -0.19 0.00 | 25.36 -0.23 0.00 | 24.41 -0.19 0.00 | 24.69 -0.14 0.00 | 33.18 -0.12 0.00 | 46.38 0.12 0.00 | 53.85 0.15 0.00 | 51.21 0.14 0.00 | 47.41 0.11 0.00 | 47.79 0.12 0.00 | 44.61 0.02 0.00 | 42.05 0.08 0.00 | 42.04 0.07 0.00 | 41.75 0.04 0.00 | 41.91 0.07 0.00 | 51.77 0.20 0.00 | 71.42 0.43 0.00 | 62.51 0.40 0.00 | 55.49 0.39 0.00 | 54.37 0.40 0.00 | 43.98 0.15 0.00 | 40.58 -0.16 0.00 | 32.97 -0.17 0.00 |
| MILLWD 61759 | 31.89 1.02 0.00 | 28.08 0.82 0.00 | 26.33 0.74 0.00 | 25.25 0.65 0.00 | 25.25 0.42 0.00 | 33.93 0.63 0.00 | 48.04 1.78 0.00 | 56.25 2.55 0.00 | 53.80 2.73 0.00 | 49.92 2.62 0.00 | 50.36 2.69 0.00 | 47.20 2.61 0.00 | 44.26 2.29 0.00 | 44.38 2.41 0.00 | 43.98 2.27 0.00 | 44.27 2.43 0.00 | 54.53 2.96 0.00 | 75.11 4.12 0.00 | 65.68 3.57 0.00 | 58.43 3.33 0.00 | 56.85 2.88 0.00 | 46.26 2.43 0.00 | 42.49 1.75 0.00 | 34.33 1.19 0.00 |
| N.Y.C. 61761 | 32.81 1.94 0.00 | 28.90 1.64 0.00 | 27.10 1.51 0.00 | 25.98 1.38 0.00 | 25.98 1.15 0.00 | 34.96 1.66 0.00 | 49.45 3.19 0.00 | 57.86 4.16 0.00 | 62.12 4.06 -6.99 | 64.20 3.84 -13.06 | 64.34 3.89 -12.78 | 62.64 3.75 -14.30 | 62.85 3.36 -17.52 | 62.80 3.49 -17.34 | 62.65 3.33 -17.61 | 62.64 3.47 -17.33 | 75.75 4.24 -19.94 | 90.40 5.86 -13.55 | 74.15 5.14 -6.90 | 64.98 4.74 -5.14 | 58.31 4.31 -0.03 | 53.68 3.63 -6.22 | 50.99 2.80 -7.45 | 40.57 2.06 -5.37 |
| NORTH 61755 | 30.55 -0.32 0.00 | 27.04 -0.22 0.00 | 25.17 -0.42 0.00 | 24.20 -0.40 0.00 | 24.55 -0.28 0.00 | 32.92 -0.38 0.00 | 45.34 -0.92 0.00 | 52.54 -1.16 0.00 | 49.93 -1.14 0.00 | 46.16 -1.14 0.00 | 46.63 -1.04 0.00 | 43.27 -1.32 0.00 | 40.96 -1.01 0.00 | 40.98 -0.99 0.00 | 40.89 -0.82 0.00 | 41.20 -0.64 0.00 | 50.86 -0.71 0.00 | 69.58 -1.41 0.00 | 60.95 -1.16 0.00 | 53.98 -1.12 0.00 | 53.27 -0.70 0.00 | 43.35 -0.48 0.00 | 40.46 -0.28 0.00 | 33.11 -0.03 0.00 |
| NPX 61845 | 30.39 0.99 1.47 | 28.11 0.85 0.00 | 26.36 0.77 0.00 | 25.31 0.71 0.00 | 25.40 0.57 0.00 | 34.10 0.80 0.00 | 48.11 1.85 0.00 | 56.22 2.52 0.00 | 53.73 2.66 0.00 | 49.76 2.46 0.00 | 50.20 2.53 0.00 | 47.00 2.41 0.00 | 44.15 2.18 0.00 | 44.24 2.27 0.00 | 43.84 2.13 0.00 | 44.06 2.22 0.00 | 54.25 2.68 0.00 | 74.82 3.83 0.00 | 65.46 3.35 0.00 | 58.19 3.09 0.00 | 56.78 2.81 0.00 | 46.20 2.37 0.00 | 42.41 1.67 0.00 | 34.30 1.16 0.00 |

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| H 61846 | 27.61 <i>-1.79</i> 1.47 | 25.73 <i>-1.53</i> 0.00 | 24.49 <i>-1.10</i> 0.00 | 23.69 <i>-0.91</i> 0.00 | 24.16 <i>-0.67</i> 0.00 | 32.20 <i>-1.10</i> 0.00 | 42.00 <i>-4.26</i> 0.00 | 48.92 <i>-4.78</i> 0.00 | 46.52 <i>-4.55</i> 0.00 | 43.42 <i>-3.88</i> 0.00 | 43.28 <i>-4.39</i> 0.00 | 40.71 <i>-3.88</i> 0.00 | 38.44 <i>-3.53</i> 0.00 | 37.90 <i>-4.07</i> 0.00 | 37.46 <i>-4.25</i> 0.00 | 37.53 <i>-4.31</i> 0.00 | 47.60 <i>-3.97</i> 0.00 | 66.59 <i>-4.40</i> 0.00 | 57.82 <i>-4.29</i> 0.00 | 51.30 <i>-3.80</i> 0.00 | 49.44 <i>-4.53</i> 0.00 | 39.62 <i>-4.21</i> 0.00 | 36.22 <i>-4.52</i> 0.00 | 30.59 <i>-2.55</i> 0.00 |
| PJM 61847 | 26.28 <i>-3.12</i> 1.47 | 24.48 <i>-2.78</i> 0.00 | 23.41 <i>-2.18</i> 0.00 | 22.58 <i>-2.02</i> 0.00 | 23.41 <i>-1.42</i> 0.00 | 31.80 <i>-1.50</i> 0.00 | 45.24 <i>-1.02</i> 0.00 | 53.27 <i>-0.43</i> 0.00 | 50.15 <i>-0.92</i> 0.00 | 46.92 <i>-0.38</i> 0.00 | 47.00 <i>-0.67</i> 0.00 | 43.92 <i>-0.67</i> 0.00 | 41.21 <i>-0.76</i> 0.00 | 40.79 <i>-1.18</i> 0.00 | 40.25 <i>-1.46</i> 0.00 | 40.04 <i>-1.80</i> 0.00 | 51.31 <i>-0.26</i> 0.00 | 71.70 <i>0.71</i> 0.00 | 62.61 <i>0.50</i> 0.00 | 55.38 <i>0.28</i> 0.00 | 53.00 <i>-0.97</i> 0.00 | 43.00 <i>-0.83</i> 0.00 | 36.83 <i>-3.91</i> 0.00 | 29.69 <i>-3.45</i> 0.00 |
| WEST 61752 | 28.98 <i>-1.89</i> 0.00 | 25.68 <i>-1.58</i> 0.00 | 24.47 <i>-1.12</i> 0.00 | 23.66 <i>-0.94</i> 0.00 | 24.21 <i>-0.62</i> 0.00 | 32.30 <i>-1.00</i> 0.00 | 42.78 <i>-3.48</i> 0.00 | 50.03 <i>-3.67</i> 0.00 | 47.51 <i>-3.56</i> 0.00 | 44.38 <i>-2.92</i> 0.00 | 44.21 <i>-3.46</i> 0.00 | 41.57 <i>-3.02</i> 0.00 | 39.21 <i>-2.76</i> 0.00 | 38.64 <i>-3.33</i> 0.00 | 38.17 <i>-3.54</i> 0.00 | 38.22 <i>-3.62</i> 0.00 | 48.72 <i>-2.85</i> 0.00 | 68.24 <i>-2.75</i> 0.00 | 59.31 <i>-2.80</i> 0.00 | 52.49 <i>-2.61</i> 0.00 | 50.48 <i>-3.49</i> 0.00 | 40.50 <i>-3.33</i> 0.00 | 36.44 <i>-4.30</i> 0.00 | 30.54 <i>-2.60</i> 0.00 |