

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Zonal Data

02/14/2004

| Name PTID CAPITL 61757 | 00:00 EST 37.86 2.05 0.00 N | 01:00 EST 35.26 2.38 0.00 N | 02:00 EST 38.12 2.60 0.00 N | 03:00 EST 28.18 1.84 0.00 N | 04:00 EST 27.56 1.73 0.00 N | 05:00 EST 24.97 1.23 0.00 N | 06:00 EST 31.98 1.44 0.00 N | 07:00 EST 36.11 1.48 0.00 N | 08:00 EST 42.65 2.25 0.00 N | 09:00 EST 41.73 1.93 0.00 N | 10:00 EST 42.50 2.06 0.00 N | 11:00 EST 42.82 2.22 0.00 N | 12:00 EST 32.76 1.80 0.00 N | 13:00 EST 29.63 1.56 0.00 N | 14:00 EST 26.56 1.54 0.00 N | 15:00 EST 26.52 1.57 0.00 N | 16:00 EST 28.81 1.73 0.00 N | 17:00 EST 29.11 1.36 0.00 N | 18:00 EST 37.57 1.67 0.00 N | 19:00 EST 45.42 2.10 0.00 N | 20:00 EST 44.32 2.07 0.00 N | 21:00 EST 43.21 1.87 0.00 N | 22:00 EST 44.67 2.05 0.00 N | 23:00 EST 37.52 1.57 0.00 N |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CENTRL 61754 | 35.40 -0.42 0.00 N | 32.29 -0.60 0.00 N | 34.81 -0.71 0.00 N | 25.85 -0.49 0.00 N | 25.30 -0.53 0.00 N | 23.24 -0.50 0.00 N | 29.91 -0.62 0.00 N | 33.88 -0.74 0.00 N | 39.52 -0.88 0.00 N | 38.95 -0.85 0.00 N | 39.53 -0.90 0.00 N | 39.68 -0.91 0.00 N | 30.26 -0.70 0.00 N | 27.49 -0.57 0.00 N | 24.51 -0.51 0.00 N | 24.43 -0.51 0.00 N | 26.51 -0.57 0.00 N | 27.23 -0.52 0.00 N | 35.19 -0.71 0.00 N | 42.41 -0.92 0.00 N | 41.41 -0.84 0.00 N | 40.50 -0.84 0.00 N | 41.66 -0.97 0.00 N | 35.19 -0.76 0.00 N |
| DUNWOD 61760 | 37.05 1.24 0.00 N | 33.87 0.98 0.00 N | 36.51 0.99 0.00 N | 27.04 0.70 0.00 N | 26.59 0.75 0.00 N | 24.72 0.99 0.00 N | 31.98 1.44 0.00 N | 36.48 1.86 0.00 N | 42.53 2.13 0.00 N | 42.15 2.35 0.00 N | 42.87 2.43 0.00 N | 43.02 2.43 0.00 N | 32.69 1.73 0.00 N | 29.49 1.43 0.00 N | 26.22 1.19 0.00 N | 26.14 1.20 0.00 N | 28.48 1.40 0.00 N | 29.59 1.84 0.00 N | 38.33 2.43 0.00 N | 46.09 2.76 0.00 N | 44.80 2.55 0.00 N | 43.72 2.38 0.00 N | 44.80 2.18 0.00 N | 37.63 1.69 0.00 N |
| GENESE 61753 | 36.30 0.49 0.00 N | 33.18 0.29 0.00 N | 35.80 0.28 0.00 N | 26.57 0.23 0.00 N | 26.01 0.18 0.00 N | 23.71 -0.03 0.00 N | 30.46 -0.08 0.00 N | 34.33 -0.29 0.00 N | 40.12 -0.28 0.00 N | 39.38 -0.42 0.00 N | 39.99 -0.45 0.00 N | 40.19 -0.41 0.00 N | 30.85 -0.12 0.00 N | 28.12 0.06 0.00 N | 25.20 0.18 0.00 N | 25.15 0.20 0.00 N | 27.19 0.11 0.00 N | 27.56 -0.19 0.00 N | 35.60 -0.30 0.00 N | 43.05 -0.28 0.00 N | 42.11 -0.15 0.00 N | 41.23 -0.10 0.00 N | 42.63 0.00 0.00 N | 36.04 0.09 0.00 N |
| H Q 61844 | 35.77 -0.04 0.00 N | 33.07 0.18 0.00 N | 35.70 0.18 0.00 N | 26.49 0.15 0.00 N | 25.97 0.14 0.00 N | 23.83 0.10 0.00 N | 30.56 0.02 0.00 N | 34.61 -0.01 0.00 N | 40.43 0.04 0.00 N | 39.82 0.02 0.00 N | 40.45 0.02 0.00 N | 40.55 -0.04 0.00 N | 30.97 0.00 0.00 N | 28.09 0.03 0.00 N | 25.11 0.09 0.00 N | 25.01 0.07 0.00 N | 27.09 0.02 0.00 N | 27.63 -0.12 0.00 N | 35.75 -0.15 0.00 N | 43.24 -0.09 0.00 N | 42.16 -0.09 0.00 N | 41.32 -0.02 0.00 N | 42.60 0.08 -4.91 N | 34.44 0.16 -2.96 N |
| HUD VL 61758 | 36.41 0.60 0.00 N | 33.26 0.37 0.00 N | 35.91 0.38 0.00 N | 26.59 0.25 0.00 N | 26.12 0.28 0.00 N | 24.19 0.45 0.00 N | 31.25 0.71 0.00 N | 35.62 1.00 0.00 N | 41.50 1.10 0.00 N | 41.07 1.27 0.00 N | 41.77 1.34 0.00 N | 41.91 1.32 0.00 N | 31.84 0.87 0.00 N | 28.77 0.70 0.00 N | 25.56 0.53 0.00 N | 25.48 0.53 0.00 N | 27.75 0.67 0.00 N | 28.82 1.07 0.00 N | 37.37 1.47 0.00 N | 44.93 1.61 0.00 N | 43.66 1.41 0.00 N | 42.59 1.25 0.00 N | 43.69 1.07 0.00 N | 36.71 0.76 0.00 N |
| LONGIL 61762 | 38.36 2.13 -0.42 N | 34.59 1.70 0.00 N | 37.25 1.73 0.00 N | 27.54 1.20 0.00 N | 27.05 1.22 0.00 N | 25.19 1.45 0.00 N | 32.60 2.06 0.00 N | 42.94 2.70 -5.61 N | 44.45 3.01 -1.04 N | 45.44 3.13 -2.51 N | 46.34 3.25 -2.65 N | 47.18 3.20 -3.39 N | 47.39 2.32 -14.10 N | 45.79 1.98 -15.74 N | 45.41 1.66 -18.72 N | 45.44 1.68 -18.82 N | 45.35 1.95 -16.33 N | 51.64 2.34 -21.55 N | 51.22 3.03 -12.29 N | 51.71 3.42 -4.96 N | 48.29 3.23 -2.80 N | 47.33 3.02 -2.97 N | 46.79 2.87 -1.29 N | 42.69 2.48 -4.27 N |
| MHK VL 61756 | 36.66 0.84 0.00 N | 33.66 0.77 0.00 N | 36.33 0.81 0.00 N | 26.92 0.58 0.00 N | 26.42 0.58 0.00 N | 24.18 0.44 0.00 N | 31.17 0.63 0.00 N | 35.27 0.65 0.00 N | 41.33 0.93 0.00 N | 40.60 0.80 0.00 N | 41.24 0.80 0.00 N | 41.44 0.84 0.00 N | 31.62 0.65 0.00 N | 28.65 0.59 0.00 N | 25.62 0.60 0.00 N | 25.54 0.59 0.00 N | 27.70 0.63 0.00 N | 28.20 0.45 0.00 N | 36.42 0.52 0.00 N | 43.99 0.67 0.00 N | 42.99 0.74 0.00 N | 42.11 0.77 0.00 N | 43.42 0.79 0.00 N | 36.64 0.70 0.00 N |
| MILLWD 61759 | 36.54 0.73 0.00 N | 33.38 0.49 0.00 N | 36.00 0.48 0.00 N | 26.66 0.32 0.00 N | 26.21 0.38 0.00 N | 24.36 0.63 0.00 N | 31.52 0.98 0.00 N | 35.96 1.34 0.00 N | 41.91 1.51 0.00 N | 41.53 1.73 0.00 N | 42.23 1.80 0.00 N | 42.38 1.78 0.00 N | 32.19 1.22 0.00 N | 29.04 1.92 0.00 N | 25.82 0.79 0.00 N | 25.74 0.80 0.00 N | 28.04 0.96 0.00 N | 29.13 1.38 0.00 N | 37.74 1.84 0.00 N | 45.39 2.06 0.00 N | 44.12 1.86 0.00 N | 43.06 1.72 0.00 N | 44.14 1.51 0.00 N | 37.09 1.14 0.00 N |
| N.Y.C. 61761 | 41.03 1.73 -3.48 N | 34.38 1.49 0.00 N | 37.04 1.52 0.00 N | 27.43 1.09 0.00 N | 26.98 1.15 0.00 N | 25.14 1.41 0.00 N | 32.52 1.98 0.00 N | 37.62 2.48 -0.52 N | 43.33 2.89 -0.04 N | 47.16 3.13 -4.22 N | 47.12 3.22 -3.47 N | 47.12 3.21 -3.31 N | 65.51 2.32 -32.22 N | 53.98 1.92 -24.00 N | 54.58 1.67 -27.88 N | 48.03 1.66 -21.43 N | 44.78 1.91 -15.80 N | 68.69 2.37 -38.57 N | 68.20 3.11 -29.19 N | 65.13 3.59 -18.21 N | 60.34 3.38 -14.70 N | 62.20 3.22 -17.64 N | 54.20 3.02 -8.55 N | 50.19 2.37 -11.88 N |

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|----------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| NORTH 61755 | 36.05 <u>0.23</u> 0.00 N | 33.37 <u>0.48</u> 0.00 N | 36.02 <u>0.50</u> 0.00 N | 26.72 <u>0.38</u> 0.00 N | 26.19 <u>0.36</u> 0.00 N | 24.01 <u>0.27</u> 0.00 N | 30.78 <u>0.24</u> 0.00 N | 34.81 <u>0.18</u> 0.00 N | 40.74 <u>0.34</u> 0.00 N | 40.05 <u>0.25</u> 0.00 N | 40.68 <u>0.25</u> 0.00 N | 40.80 <u>0.20</u> 0.00 N | 31.17 <u>0.21</u> 0.00 N | 28.28 <u>0.21</u> 0.00 N | 25.33 <u>0.30</u> 0.00 N | 25.23 <u>0.28</u> 0.00 N | 27.32 <u>0.24</u> 0.00 N | 27.76 <u>0.01</u> 0.00 N | 35.90 <u>0.00</u> 0.00 N | 43.43 <u>0.10</u> 0.00 N | 42.38 <u>0.13</u> 0.00 N | 41.54 <u>0.20</u> 0.00 N | 43.05 <u>0.43</u> 0.00 N | 36.38 <u>0.43</u> 0.00 N |
| NPX 61845 | 36.59 <u>0.78</u> 0.00 N | 33.96 <u>1.07</u> 0.00 N | 36.83 <u>1.31</u> 0.00 N | 27.24 <u>0.89</u> 0.00 N | 26.67 <u>0.84</u> 0.00 N | 24.32 <u>0.58</u> 0.00 N | 31.22 <u>0.68</u> 0.00 N | 35.30 <u>0.68</u> 0.00 N | 41.35 <u>0.95</u> 0.00 N | 40.58 <u>0.78</u> 0.00 N | 41.31 <u>0.88</u> 0.00 N | 41.61 <u>1.01</u> 0.00 N | 31.78 <u>0.82</u> 0.00 N | 28.73 <u>0.66</u> 0.00 N | 25.68 <u>0.65</u> 0.00 N | 25.63 <u>0.69</u> 0.00 N | 27.88 <u>0.80</u> 0.00 N | 28.41 <u>0.65</u> 0.00 N | 36.69 <u>0.80</u> 0.00 N | 44.28 <u>0.96</u> 0.00 N | 43.16 <u>0.91</u> 0.00 N | 42.06 <u>0.72</u> 0.00 N | 43.95 <u>1.43</u> -4.91 N | 35.34 <u>1.06</u> -2.96 N |
| O H 61846 | 34.83 <u>-0.99</u> 0.00 N | 31.10 <u>-1.79</u> 0.00 N | 33.56 <u>-1.96</u> 0.00 N | 25.00 <u>-1.34</u> 0.00 N | 24.55 <u>-1.29</u> 0.00 N | 22.71 <u>-1.03</u> 0.00 N | 29.16 <u>-1.38</u> 0.00 N | 32.90 <u>-1.72</u> 0.00 N | 37.62 <u>-2.78</u> 0.00 N | 37.23 <u>-2.57</u> 0.00 N | 37.66 <u>-2.78</u> 0.00 N | 37.76 <u>-2.84</u> 0.00 N | 28.92 <u>-2.04</u> 0.00 N | 26.41 <u>-1.65</u> 0.00 N | 23.38 <u>-1.64</u> 0.00 N | 23.26 <u>-1.68</u> 0.00 N | 25.16 <u>-1.92</u> 0.00 N | 26.00 <u>-1.75</u> 0.00 N | 33.60 <u>-2.30</u> 0.00 N | 40.59 <u>-2.74</u> 0.00 N | 39.76 <u>-2.49</u> 0.00 N | 39.10 <u>-2.24</u> 0.00 N | 38.87 <u>-3.65</u> -4.91 N | 31.37 <u>-2.91</u> -2.96 N |
| PJM 61847 | 25.01 <u>-5.26</u> 8.15 N | 16.56 <u>-3.86</u> 10.00 N | 25.00 <u>-4.06</u> 4.76 N | 24.93 <u>-1.41</u> 0.00 N | 24.57 <u>-1.27</u> 0.00 N | 22.80 <u>-0.94</u> 0.00 N | 29.50 <u>-1.04</u> 0.00 N | 33.55 <u>-1.07</u> 0.00 N | 38.75 <u>-1.65</u> 0.00 N | 38.37 <u>-1.43</u> 0.00 N | 38.89 <u>-1.54</u> 0.00 N | 38.98 <u>-1.62</u> 0.00 N | 29.57 <u>-1.39</u> 0.00 N | 26.83 <u>-1.23</u> 0.00 N | 25.59 <u>-2.96</u> 1.00 N | 26.28 <u>-2.64</u> 0.05 N | 25.71 <u>-1.37</u> 0.00 N | 26.66 <u>-1.09</u> 0.00 N | 34.53 <u>-1.37</u> 0.00 N | 41.62 <u>-1.70</u> 0.00 N | 40.57 <u>-1.69</u> 0.00 N | 39.84 <u>-1.50</u> 0.00 N | 36.00 <u>-4.21</u> -2.60 N | 30.80 <u>-3.48</u> -2.96 N |
| WEST 61752 | 34.57 <u>-1.24</u> 0.00 N | 30.92 <u>-1.97</u> 0.00 N | 33.39 <u>-2.13</u> 0.00 N | 24.91 <u>-1.43</u> 0.00 N | 24.46 <u>-1.37</u> 0.00 N | 22.66 <u>-1.08</u> 0.00 N | 29.12 <u>-1.42</u> 0.00 N | 32.79 <u>-1.83</u> 0.00 N | 37.48 <u>-2.92</u> 0.00 N | 37.10 <u>-2.70</u> 0.00 N | 37.55 <u>-2.89</u> 0.00 N | 37.68 <u>-2.92</u> 0.00 N | 28.85 <u>-2.11</u> 0.00 N | 26.39 <u>-1.67</u> 0.00 N | 23.37 <u>-1.65</u> 0.00 N | 23.25 <u>-1.69</u> 0.00 N | 25.14 <u>-1.93</u> 0.00 N | 26.00 <u>-1.76</u> 0.00 N | 33.63 <u>-2.27</u> 0.00 N | 40.53 <u>-2.80</u> 0.00 N | 39.68 <u>-2.58</u> 0.00 N | 39.00 <u>-2.34</u> 0.00 N | 40.22 <u>-2.41</u> 0.00 N | 34.26 <u>-1.68</u> 0.00 N |