

Day Ahead Market Zonal LBMP

| --- LBMP \$ | | | | | | | --- Marginal Cost of Losses | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 12/13/2003 | |
|-------------|--------|--------|--------|--------|--------|-------|-----------------------------|-------|-------|-------|-------|--------|--------|---------------------------------|--------|--------|-------|--------|-------|-------|-------|-------|-------|------------|--|
| Zonal Data | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 39.39 | 34.79 | 33.56 | 32.47 | 32.59 | 36.67 | 45.08 | 46.01 | 52.83 | 59.08 | 58.79 | 54.83 | 52.01 | 48.76 | 47.33 | 49.54 | 62.04 | 77.70 | 73.27 | 70.34 | 64.79 | 54.02 | 48.65 | 39.86 | |
| 61757 | 1.48 | 1.37 | 1.34 | 1.28 | 1.27 | 1.31 | 1.70 | 1.61 | 1.88 | 2.26 | 2.13 | 1.93 | 1.86 | 1.72 | 1.78 | 1.74 | 2.22 | 2.96 | 2.85 | 2.73 | 2.00 | 1.69 | 1.44 | 1.35 | |
| | 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 | 36.35 | 31.94 | 30.71 | 29.73 | 29.92 | 33.95 | 41.73 | 43.06 | 49.93 | 55.56 | 55.31 | 51.70 | 48.79 | 45.75 | 44.21 | 46.45 | 58.20 | 73.62 | 68.95 | 66.12 | 61.53 | 51.40 | 45.78 | 36.71 | |
| 61754 | -1.56 | -1.48 | -1.51 | -1.46 | -1.40 | -1.41 | -1.65 | -1.34 | -1.02 | -1.26 | -1.35 | -1.20 | -1.36 | -1.29 | -1.34 | -1.35 | -1.62 | -1.12 | -1.47 | -1.49 | -1.26 | -0.93 | -1.43 | -1.80 | |
| | 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 | 39.88 | 35.16 | 33.90 | 32.84 | 32.95 | 37.06 | 45.64 | 46.66 | 53.60 | 59.77 | 59.78 | 55.60 | 53.01 | 49.82 | 48.33 | 50.67 | 63.29 | 78.78 | 74.72 | 71.73 | 65.62 | 54.89 | 49.85 | 40.90 | |
| 61760 | 1.97 | 1.74 | 1.68 | 1.65 | 1.63 | 1.70 | 2.26 | 2.26 | 2.65 | 2.95 | 3.12 | 2.70 | 2.86 | 2.78 | 2.78 | 2.87 | 3.47 | 4.04 | 4.30 | 4.12 | 2.83 | 2.56 | 2.64 | 2.39 | |
| | 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 | 35.21 | 31.31 | 30.06 | 29.10 | 29.36 | 33.57 | 40.55 | 42.51 | 49.38 | 54.83 | 54.59 | 51.23 | 48.41 | 45.24 | 43.72 | 45.92 | 57.44 | 73.62 | 68.71 | 65.89 | 61.88 | 51.30 | 45.46 | 35.34 | |
| 61753 | -2.70 | -2.11 | -2.16 | -2.09 | -1.96 | -1.79 | -2.83 | -1.89 | -1.57 | -1.99 | -2.07 | -1.67 | -1.74 | -1.80 | -1.83 | -1.88 | -2.38 | -1.12 | -1.71 | -1.72 | -0.91 | -1.03 | -1.75 | -3.17 | |
| | 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 | 38.10 | 33.55 | 32.35 | 31.31 | 31.45 | 35.54 | 43.55 | 44.44 | 50.80 | 56.65 | 56.49 | 52.74 | 50.00 | 46.90 | 45.41 | 47.66 | 59.76 | 74.22 | 70.00 | 67.14 | 62.73 | 54.01 | 44.43 | 38.66 | |
| 61844 | 0.19 | 0.13 | 0.13 | 0.12 | 0.13 | 0.18 | 0.17 | 0.04 | -0.15 | -0.17 | -0.17 | -0.16 | -0.15 | -0.14 | -0.14 | -0.14 | -0.06 | -0.52 | -0.42 | -0.47 | -0.06 | -0.21 | -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 | -1.89 | 2.73 | 0.00 | 0.00 | |
| HUD VL | 39.19 | 34.55 | 33.33 | 32.28 | 32.38 | 36.42 | 44.87 | 45.94 | 52.73 | 58.80 | 58.79 | 54.77 | 52.15 | 49.03 | 47.52 | 49.85 | 62.27 | 77.50 | 73.49 | 70.58 | 64.72 | 54.03 | 49.05 | 40.42 | |
| 61758 | 1.28 | 1.13 | 1.11 | 1.09 | 1.06 | 1.06 | 1.49 | 1.54 | 1.78 | 1.98 | 2.13 | 1.87 | 2.00 | 1.99 | 1.97 | 2.05 | 2.45 | 2.76 | 3.07 | 2.97 | 1.93 | 1.70 | 1.84 | 1.91 | |
| | 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 | 44.57 | 43.51 | 41.80 | 38.80 | 36.02 | 37.97 | 46.06 | 47.17 | 53.68 | 59.88 | 59.81 | 56.38 | 54.38 | 51.70 | 50.45 | 52.42 | 63.69 | 79.52 | 85.22 | 72.36 | 67.30 | 60.80 | 50.49 | 45.07 | |
| 61762 | 2.85 | 2.55 | 2.47 | 2.43 | 2.43 | 2.60 | 2.68 | 2.77 | 2.73 | 3.06 | 3.15 | 3.47 | 3.56 | 3.42 | 3.40 | 3.53 | 3.87 | 4.77 | 5.07 | 4.75 | 3.71 | 3.35 | 3.27 | 3.10 | |
| | -3.81 | -7.54 | -7.11 | -5.18 | -2.27 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.67 | -1.24 | -1.50 | -1.09 | 0.00 | -0.01 | -9.73 | 0.00 | -0.80 | -5.12 | -0.01 | -3.46 | |
| MHK VL | 37.76 | 33.25 | 32.05 | 31.01 | 31.13 | 35.21 | 43.26 | 44.41 | 51.14 | 57.08 | 56.87 | 53.11 | 50.27 | 47.10 | 45.57 | 47.85 | 60.10 | 75.48 | 70.98 | 68.08 | 63.19 | 52.60 | 47.23 | 38.38 | |
| 61756 | -0.15 | -0.17 | -0.17 | -0.18 | -0.19 | -0.15 | -0.12 | 0.01 | 0.19 | 0.26 | 0.21 | 0.21 | 0.12 | 0.06 | 0.02 | 0.05 | 0.28 | 0.74 | 0.56 | 0.47 | 0.40 | 0.27 | 0.02 | -0.13 | |
| | 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 | 39.31 | 34.66 | 33.44 | 32.38 | 32.49 | 36.53 | 44.96 | 46.00 | 52.76 | 58.83 | 58.84 | 54.78 | 52.18 | 49.08 | 47.57 | 49.92 | 62.33 | 77.54 | 73.59 | 70.62 | 64.64 | 54.03 | 49.10 | 40.36 | |
| 61759 | 1.40 | 1.24 | 1.22 | 1.19 | 1.17 | 1.17 | 1.58 | 1.60 | 1.81 | 2.01 | 2.18 | 1.88 | 2.03 | 2.04 | 2.02 | 2.12 | 2.51 | 2.80 | 3.17 | 3.01 | 1.85 | 1.70 | 1.89 | 1.85 | |
| | 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. | 53.94 | 50.02 | 46.08 | 46.29 | 46.25 | 46.58 | 50.82 | 54.26 | 57.32 | 66.25 | 68.38 | 66.15 | 66.12 | 66.28 | 64.72 | 66.28 | 73.62 | 91.44 | 76.01 | 72.38 | 66.22 | 59.35 | 57.17 | 53.47 | |
| 61761 | 2.24 | 1.98 | 1.91 | 1.87 | 1.86 | 1.96 | 2.57 | 2.61 | 3.00 | 3.37 | 3.53 | 3.12 | 3.21 | 3.14 | 3.08 | 3.24 | 3.92 | 4.63 | 4.89 | 4.77 | 3.43 | 2.95 | 2.99 | 2.71 | |
| | -13.79 | -14.62 | -11.95 | -13.23 | -13.07 | -9.26 | -4.87 | -7.25 | -3.37 | -6.06 | -8.19 | -10.13 | -12.76 | -16.10 | -16.09 | -15.24 | -9.88 | -12.07 | -0.70 | 0.00 | 0.00 | -4.07 | -6.97 | -12.25 | |
| NORTH | 38.02 | 33.49 | 32.29 | 31.24 | 31.37 | 35.46 | 43.42 | 44.24 | 50.55 | 56.46 | 56.28 | 52.54 | 49.81 | 46.68 | 45.20 | 47.45 | 59.72 | 74.10 | 69.85 | 67.05 | 62.64 | 51.96 | 47.03 | 38.54 | |
| 61755 | 0.11 | 0.07 | 0.07 | 0.05 | 0.05 | 0.10 | 0.04 | -0.16 | -0.40 | -0.36 | -0.38 | -0.36 | -0.34 | -0.36 | -0.35 | -0.35 | -0.10 | -0.64 | -0.57 | -0.56 | -0.15 | -0.37 | -0.18 | 0.03 | |
| | 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 | 39.46 | 34.82 | 33.61 | 32.53 | 32.64 | 36.70 | 45.16 | 46.04 | 52.84 | 58.98 | 58.87 | 54.91 | 52.16 | 49.02 | 47.51 | 49.81 | 62.27 | 77.65 | 73.45 | 70.52 | 64.86 | 56.05 | 46.27 | 40.24 | |
| 61845 | 1.55 | 1.40 | 1.39 | 1.34 | 1.32 | 1.34 | 1.78 | 1.64 | 1.89 | 2.16 | 2.21 | 2.01 | 2.01 | 1.98 | 1.96 | 2.01 | 2.45 | 2.91 | 3.03 | 2.91 | 2.07 | 1.83 | 1.79 | 1.73 | |
| | 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 | -1.89 | 2.73 | 0.00 | |

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|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|
| PJM 61846 | 33.78 -4.13 0.00 | 29.51 -3.91 0.00 | 28.26 -3.96 0.00 | 27.38 -3.81 0.00 | 27.75 -3.57 0.00 | 31.79 -3.57 0.00 | 37.70 -5.68 0.00 | 39.83 -4.57 0.00 | 46.21 -4.74 0.00 | 51.02 -5.80 0.00 | 50.71 -5.95 0.00 | 47.77 -5.13 0.00 | 45.08 -5.07 0.00 | 42.24 -4.80 0.00 | 40.72 -4.83 0.00 | 42.83 -4.97 0.00 | 53.30 -6.52 0.00 | 68.46 -6.28 0.00 | 63.73 -6.69 0.00 | 61.12 -6.49 0.00 | 57.70 -5.09 0.00 | 50.03 -4.19 -1.89 | 39.81 -4.67 2.73 | 33.12 -5.39 0.00 |
| PJM 61847 | 33.70 -4.21 0.00 | 28.94 -4.48 0.00 | 27.52 -4.70 0.00 | 26.79 -4.40 0.00 | 27.28 -4.04 0.00 | 31.47 -3.89 0.00 | 39.69 -3.69 0.00 | 42.14 -2.26 0.00 | 49.98 -0.97 0.00 | 54.89 -1.93 0.00 | 54.05 -2.61 0.00 | 50.94 -1.96 0.00 | 47.14 -3.01 0.00 | 44.50 -2.54 0.00 | 42.82 -2.73 0.00 | 45.12 -2.68 0.00 | 56.65 -3.17 0.00 | 73.77 -0.97 0.00 | 67.60 -2.82 0.00 | 64.84 -2.77 0.00 | 59.90 -2.89 0.00 | 53.12 -1.10 -1.89 | 41.03 -3.45 2.73 | 33.81 -4.70 0.00 |
| WEST 61752 | 33.93 -3.98 0.00 | 29.54 -3.88 0.00 | 28.25 -3.97 0.00 | 27.40 -3.79 0.00 | 27.82 -3.50 0.00 | 31.87 -3.49 0.00 | 38.18 -5.20 0.00 | 40.41 -3.99 0.00 | 47.13 -3.82 0.00 | 52.00 -4.82 0.00 | 51.60 -5.06 0.00 | 48.61 -4.29 0.00 | 45.67 -4.48 0.00 | 42.87 -4.17 0.00 | 41.31 -4.24 0.00 | 43.46 -4.34 0.00 | 54.25 -5.57 0.00 | 70.01 -4.73 0.00 | 64.95 -5.47 0.00 | 62.33 -5.28 0.00 | 58.68 -4.11 0.00 | 49.10 -3.23 0.00 | 43.05 -4.16 0.00 | 33.37 -5.14 0.00 |