

Day Ahead Market Zonal LBMP

| Zonal Data | | --- LBMP \$ | | | | | | | | | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 01/24/2002 | |
|-----------------|--|---------------------------------|------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|--|--|--|------------|--|
| | | 00:00 EST CAPITL 61757 | 01:00 EST 0.66 0.00 | 02:00 EST 17.68 0.55 0.00 | 03:00 EST 16.46 0.49 0.00 | 04:00 EST 16.26 0.50 0.00 | 05:00 EST 17.45 0.54 0.00 | 06:00 EST 19.68 0.74 0.00 | 07:00 EST 23.28 1.34 0.00 | 08:00 EST 27.25 1.60 0.00 | 09:00 EST 24.96 1.44 -0.01 | 10:00 EST 24.66 1.31 -0.01 | 11:00 EST 25.01 1.29 -0.01 | 12:00 EST 24.90 1.27 -0.01 | 13:00 EST 23.25 1.10 -0.30 | 14:00 EST 23.09 1.17 -0.30 | 15:00 EST 23.03 1.16 -0.30 | 16:00 EST 22.92 1.19 -0.01 | 17:00 EST 25.06 1.26 -0.01 | 18:00 EST 29.51 1.57 -0.01 | 19:00 EST 31.22 1.85 -0.01 | 20:00 EST 28.75 1.68 -0.01 | 21:00 EST 26.87 1.72 0.00 | 22:00 EST 24.48 1.57 0.00 | 23:00 EST 22.25 1.26 0.00 | | | | | | | | |
| CENTRL 61754 | | 18.85 -0.50 0.00 | 16.67 -0.46 0.00 | 15.66 -0.31 0.00 | 15.46 -0.30 0.00 | 16.53 -0.38 0.00 | 18.52 -0.42 0.00 | 21.41 -0.53 0.00 | 24.95 -0.71 -0.01 | 22.93 -0.65 -0.07 | 22.80 -0.63 -0.09 | 23.09 -0.72 -0.10 | 23.02 -0.69 -0.09 | 21.27 -0.68 -0.10 | 21.06 -0.66 -0.10 | 21.01 -0.66 -0.10 | 21.15 -0.67 -0.10 | 23.26 -0.68 -0.15 | 27.32 -0.75 -0.14 | 28.65 -0.79 -0.08 | 26.44 -0.72 -0.10 | 24.53 -0.67 -0.05 | 22.41 -0.56 -0.06 | 20.35 -0.64 0.00 | 19.09 -0.58 0.00 | | | | | | | | |
| DUNWOD 61760 | | 20.47 1.12 0.00 | 18.04 0.91 0.00 | 16.77 0.80 0.00 | 16.56 0.80 0.00 | 17.77 0.86 0.00 | 20.10 1.16 0.00 | 23.78 1.84 0.00 | 28.82 2.54 -0.63 | 29.93 2.30 -4.12 | 30.66 2.26 -5.06 | 31.84 2.30 -5.83 | 31.42 2.29 -5.51 | 29.78 2.01 -5.92 | 29.58 2.03 -5.93 | 29.59 2.03 -5.99 | 29.59 2.09 -5.78 | 35.26 2.26 -9.21 | 38.97 2.65 -8.39 | 36.99 2.79 -4.84 | 35.33 2.57 -5.70 | 30.40 2.52 -2.73 | 28.84 2.36 -3.57 | 22.92 1.93 0.00 | 20.97 1.30 0.00 | | | | | | | | |
| GENESE 61753 | | 18.70 -0.65 0.00 | 16.63 -0.50 0.00 | 15.52 -0.45 0.00 | 15.37 -0.39 0.00 | 16.49 -0.42 0.00 | 18.56 -0.38 0.00 | 20.79 -1.15 0.00 | 24.20 -1.47 -0.02 | 22.23 -1.39 -0.11 | 22.15 -1.32 -0.13 | 22.33 -1.53 -0.15 | 22.29 -1.48 -0.15 | 20.71 -1.30 -0.16 | 20.57 -1.21 -0.16 | 20.56 -1.17 -0.16 | 20.60 -1.27 -0.15 | 22.47 -1.56 -0.24 | 26.26 -1.89 -0.22 | 27.53 -1.96 -0.13 | 25.41 -1.80 -0.15 | 23.63 -1.59 -0.07 | 21.89 -1.11 -0.09 | 20.01 -0.98 0.00 | 19.09 -0.58 0.00 | | | | | | | | |
| H Q 61844 | | 19.27 -0.08 0.00 | 17.08 -0.05 0.00 | 15.92 -0.05 0.00 | 15.70 -0.06 0.00 | 16.84 -0.07 0.00 | 18.79 -0.15 0.00 | 21.57 -0.37 0.00 | 25.19 -0.46 0.00 | 23.11 -0.40 0.00 | 22.94 -0.40 0.00 | 23.35 -0.36 0.00 | 23.27 -0.35 0.00 | 21.59 -0.26 0.00 | 21.30 -0.32 0.00 | 21.25 -0.32 0.00 | 21.39 -0.33 0.00 | 23.46 -0.33 0.00 | 27.51 -0.42 0.00 | 28.92 -0.44 0.00 | 26.65 -0.41 0.00 | 24.67 -0.48 0.00 | 22.43 -0.48 0.00 | 20.70 -0.29 0.00 | 19.49 -0.18 0.00 | | | | | | | | |
| HUD VL 61758 | | 20.31 0.96 0.00 | 17.89 0.76 0.00 | 16.65 0.68 0.00 | 16.44 0.68 0.00 | 17.64 0.73 0.00 | 19.91 0.97 0.00 | 23.54 1.60 0.00 | 28.44 2.23 -0.56 | 29.20 2.03 -3.66 | 29.83 2.00 -4.49 | 30.92 2.03 -5.18 | 30.53 2.02 -4.89 | 28.90 1.76 -5.29 | 28.68 1.76 -5.30 | 28.66 1.74 -5.35 | 28.65 1.80 -5.13 | 33.97 2.00 -8.18 | 37.76 2.38 -7.45 | 36.17 2.51 -4.30 | 34.42 2.30 -5.06 | 29.80 2.23 -2.42 | 28.19 2.11 -3.17 | 22.72 1.73 0.00 | 20.84 1.17 0.00 | | | | | | | | |
| LONGIL 61762 | | 26.28 1.51 -5.42 | 25.55 1.26 -7.16 | 23.30 1.15 -6.18 | 21.35 1.14 -4.45 | 25.07 1.23 -6.93 | 26.15 1.54 -5.67 | 27.64 2.28 -3.42 | 29.27 2.99 -0.63 | 31.21 2.77 -4.93 | 31.05 2.64 -5.07 | 32.25 2.70 -5.84 | 31.80 2.66 -5.52 | 30.13 2.35 -5.93 | 29.96 2.39 -5.95 | 29.94 2.37 -6.00 | 29.99 2.48 -5.79 | 35.81 2.71 -9.31 | 54.72 3.19 -23.60 | 59.73 3.37 -27.00 | 41.04 3.10 -10.88 | 32.32 3.01 -4.16 | 30.07 2.81 -4.35 | 28.26 2.33 -4.94 | 27.11 1.70 -5.74 | | | | | | | | |
| MHK VL 61756 | | 19.57 0.22 0.00 | 17.30 0.17 0.00 | 16.14 0.17 0.00 | 15.93 0.17 0.00 | 17.10 0.19 0.00 | 19.19 0.25 0.00 | 22.28 0.34 0.00 | 26.13 0.48 0.00 | 23.98 0.44 -0.03 | 23.81 0.43 -0.04 | 24.17 0.42 -0.04 | 24.07 0.41 -0.04 | 22.26 0.36 -0.05 | 22.03 0.36 -0.05 | 21.97 0.35 -0.05 | 22.11 0.35 -0.04 | 24.29 0.43 -0.07 | 28.49 0.50 -0.06 | 29.93 0.53 -0.04 | 27.66 0.56 -0.04 | 25.64 0.47 -0.02 | 23.16 0.22 -0.03 | 21.01 0.02 0.00 | 19.85 0.18 0.00 | | | | | | | | |
| MILLWD 61759 | | 20.22 0.87 0.00 | 17.82 0.69 0.00 | 16.58 0.61 0.00 | 16.36 0.60 0.00 | 17.56 0.65 0.00 | 19.84 0.90 0.00 | 23.50 1.56 0.00 | 28.46 2.19 -0.62 | 29.54 1.99 -4.04 | 30.25 1.95 -4.96 | 31.41 1.98 -5.72 | 31.02 1.99 -5.41 | 29.39 1.73 -5.81 | 29.20 1.75 -5.83 | 29.20 1.75 -5.88 | 29.19 1.80 -5.67 | 34.77 1.94 -9.04 | 38.44 2.28 -8.23 | 36.53 2.42 -4.75 | 34.89 2.23 -5.60 | 30.00 2.17 -2.68 | 28.47 2.06 -3.50 | 22.65 1.66 0.00 | 20.71 1.04 0.00 | | | | | | | | |
| N.Y.C. 61761 | | 20.66 1.31 0.00 | 18.19 1.06 0.00 | 16.92 0.95 0.00 | 16.70 0.94 0.00 | 17.93 1.02 0.00 | 20.28 1.34 0.00 | 24.05 2.11 0.00 | 29.13 2.85 -0.63 | 30.22 2.58 -4.13 | 30.95 2.54 -5.07 | 32.13 2.57 -5.85 | 31.73 2.58 -5.53 | 30.04 2.26 -5.93 | 29.88 2.31 -5.95 | 29.88 2.31 -6.00 | 29.88 2.37 -5.79 | 35.53 2.50 -9.24 | 39.23 2.89 -8.41 | 37.26 3.05 -4.85 | 35.58 2.81 -5.71 | 30.67 2.79 -2.73 | 29.13 2.64 -3.58 | 23.17 2.18 0.00 | 21.20 1.53 0.00 | | | | | | | | |
| NORTH 61755 | | 19.43 0.08 0.00 | 17.21 0.08 0.00 | 16.05 0.08 0.00 | 15.82 0.06 0.00 | 16.97 0.06 0.00 | 18.92 -0.02 0.00 | 21.54 -0.40 0.00 | 25.15 -0.50 0.00 | 23.11 -0.40 0.00 | 22.95 -0.39 0.00 | 23.35 -0.36 0.00 | 23.26 -0.36 0.00 | 21.58 -0.27 0.00 | 21.31 -0.31 0.00 | 21.26 -0.31 0.00 | 21.38 -0.34 0.00 | 23.45 -0.34 0.00 | 27.49 -0.44 0.00 | 28.92 -0.44 0.00 | 26.65 -0.41 0.00 | 24.65 -0.50 0.00 | 22.33 -0.58 0.00 | 20.62 -0.37 0.00 | 19.45 -0.22 0.00 | | | | | | | | |
| NPX 61845 | | 20.10 0.75 0.00 | 17.73 0.60 0.00 | 16.51 0.54 0.00 | 16.30 0.54 0.00 | 17.50 0.59 0.00 | 19.74 0.80 0.00 | 23.32 1.38 0.00 | 27.60 1.74 -0.21 | 26.41 1.55 -1.35 | 26.49 1.49 -1.66 | 27.10 1.47 -1.92 | 26.89 1.46 -1.81 | 25.12 1.27 -2.00 | 24.97 1.34 -2.01 | 24.93 1.34 -2.02 | 25.01 1.39 -1.90 | 28.25 1.43 -3.03 | 32.39 1.70 -2.76 | 32.68 1.85 -1.47 | 30.50 1.70 -1.74 | 27.72 1.74 -0.83 | 25.63 1.63 -1.09 | 22.31 1.32 0.00 | 20.54 0.87 0.00 | | | | | | | | |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 18.71 | 16.58 | 15.49 | 15.38 | 16.47 | 18.45 | 20.01 | 23.03 | 21.05 | 21.03 | 21.02 | 21.05 | 19.69 | 19.62 | 19.59 | 19.62 | 21.38 | 24.95 | 26.16 | 24.05 | 22.26 | 21.03 | 19.42 | 19.18 |
| | -0.64 | -0.55 | -0.48 | -0.38 | -0.44 | -0.49 | -1.93 | -2.64 | -2.59 | -2.47 | -2.87 | -2.74 | -2.34 | -2.18 | -2.16 | -2.28 | -2.69 | -3.24 | -3.35 | -3.19 | -2.97 | -1.99 | -1.57 | -0.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.13 | -0.16 | -0.18 | -0.17 | -0.18 | -0.18 | -0.18 | -0.18 | -0.28 | -0.26 | -0.15 | -0.18 | -0.08 | -0.11 | 0.00 | 0.00 |
| PJM 61847 | 18.32 | 16.00 | 15.00 | 15.00 | 16.00 | 17.99 | 20.67 | 24.19 | 22.40 | 22.34 | 22.52 | 22.47 | 20.48 | 20.20 | 20.18 | 20.30 | 22.94 | 27.00 | 28.00 | 25.90 | 23.91 | 22.14 | 19.73 | 19.00 |
| | -1.03 | -1.13 | -0.97 | -0.76 | -0.91 | -0.95 | -1.27 | -1.49 | -1.32 | -1.26 | -1.49 | -1.44 | -1.68 | -1.73 | -1.70 | -1.72 | -1.33 | -1.37 | -1.61 | -1.46 | -1.38 | -0.96 | -1.26 | -0.67 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -0.21 | -0.26 | -0.30 | -0.29 | -0.31 | -0.31 | -0.31 | -0.30 | -0.48 | -0.44 | -0.25 | -0.30 | -0.14 | -0.19 | 0.00 | 0.00 |
| WEST 61752 | 18.81 | 16.62 | 15.53 | 15.45 | 16.54 | 18.53 | 20.26 | 23.37 | 21.44 | 21.40 | 21.40 | 21.41 | 19.94 | 19.87 | 19.87 | 19.87 | 21.82 | 25.48 | 26.63 | 24.47 | 22.63 | 21.41 | 19.64 | 19.34 |
| | -0.54 | -0.51 | -0.44 | -0.31 | -0.37 | -0.41 | -1.68 | -2.30 | -2.21 | -2.11 | -2.51 | -2.40 | -2.11 | -1.95 | -1.90 | -2.04 | -2.28 | -2.73 | -2.89 | -2.78 | -2.61 | -1.62 | -1.35 | -0.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.14 | -0.17 | -0.20 | -0.19 | -0.20 | -0.20 | -0.20 | -0.19 | -0.31 | -0.28 | -0.16 | -0.19 | -0.09 | -0.12 | 0.00 | 0.00 |