

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/15/2019

| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL | 24.27 | 24.27 | 22.17 | 22.63 | 23.17 | 24.31 | 29.60 | 36.29 | 35.31 | 32.87 | 30.70 | 30.11 | 27.79 | 26.72 | 25.57 | 25.64 | 26.38 | 28.17 | 29.07 | 33.30 | 29.83 | 27.99 | 24.58 | 23.53 |
| 61757 | 1.28 | 1.22 | 1.22 | 1.21 | 1.24 | 1.38 | 1.61 | 1.69 | 1.67 | 1.79 | 1.68 | 1.77 | 1.49 | 1.42 | 1.45 | 1.49 | 1.46 | 1.54 | 1.52 | 1.58 | 1.51 | 1.27 | 1.20 | 1.26 |
| | -4.42 | -5.33 | -3.48 | -4.60 | -5.19 | -4.53 | -7.59 | -14.26 | -12.76 | -8.47 | -6.36 | -5.63 | -6.20 | -5.64 | -4.21 | -3.47 | -4.32 | -5.53 | -6.41 | -9.77 | -7.85 | -7.83 | -6.01 | -3.41 |
| CENTRL | 19.28 | 18.54 | 18.03 | 17.55 | 17.57 | 19.22 | 21.84 | 22.58 | 22.81 | 24.10 | 23.91 | 23.88 | 21.17 | 20.62 | 20.69 | 21.39 | 21.44 | 22.16 | 22.37 | 23.62 | 21.80 | 20.11 | 18.33 | 19.51 |
| 61754 | 0.17 | 0.16 | 0.14 | 0.17 | 0.18 | 0.26 | 0.51 | 0.47 | 0.38 | 0.48 | 0.50 | 0.50 | 0.32 | 0.28 | 0.28 | 0.29 | 0.31 | 0.38 | 0.44 | 0.46 | 0.37 | 0.25 | 0.21 | 0.23 |
| | -0.55 | -0.66 | -0.43 | -0.57 | -0.64 | -0.56 | -0.94 | -1.76 | -1.55 | -1.01 | -0.76 | -0.66 | -0.75 | -0.69 | -0.50 | -0.43 | -0.53 | -0.68 | -0.79 | -1.21 | -0.97 | -0.97 | -0.74 | -0.42 |
| DUNWOD | 23.84 | 23.45 | 21.81 | 21.92 | 22.20 | 23.57 | 28.07 | 33.04 | 32.61 | 31.32 | 30.07 | 29.53 | 27.05 | 26.31 | 25.48 | 25.97 | 26.47 | 27.89 | 28.62 | 32.05 | 28.78 | 27.04 | 23.86 | 23.56 |
| 61760 | 2.06 | 1.86 | 1.82 | 1.76 | 1.69 | 1.88 | 2.16 | 2.34 | 2.61 | 2.76 | 2.97 | 2.93 | 2.57 | 2.64 | 2.63 | 2.77 | 2.74 | 2.78 | 2.83 | 3.01 | 2.62 | 2.46 | 2.12 | 2.22 |
| | -3.21 | -3.87 | -2.53 | -3.34 | -3.77 | -3.29 | -5.51 | -10.35 | -9.12 | -5.95 | -4.44 | -3.88 | -4.37 | -4.01 | -2.95 | -2.52 | -3.14 | -4.02 | -4.65 | -7.09 | -5.70 | -5.68 | -4.36 | -2.47 |
| GENESE | 18.44 | 17.70 | 17.27 | 16.72 | 16.76 | 18.41 | 20.86 | 21.66 | 21.71 | 23.04 | 22.76 | 23.06 | 20.42 | 19.75 | 19.80 | 20.54 | 20.55 | 21.30 | 21.57 | 22.59 | 20.87 | 19.13 | 17.49 | 18.74 |
| 61753 | -0.52 | -0.50 | -0.51 | -0.50 | -0.45 | -0.40 | -0.22 | 0.02 | -0.31 | -0.32 | -0.45 | -0.14 | -0.22 | -0.41 | -0.48 | -0.45 | -0.43 | -0.30 | -0.15 | -0.24 | -0.31 | -0.47 | -0.43 | -0.43 |
| | -0.40 | -0.48 | -0.31 | -0.42 | -0.47 | -0.41 | -0.69 | -1.29 | -1.13 | -0.74 | -0.55 | -0.48 | -0.54 | -0.50 | -0.37 | -0.31 | -0.39 | -0.50 | -0.58 | -0.88 | -0.71 | -0.71 | -0.54 | -0.31 |
| H Q | 17.99 | 17.17 | 16.94 | 16.29 | 16.22 | 17.78 | 19.62 | 18.96 | 18.71 | 19.99 | 20.25 | 20.04 | 18.22 | 18.22 | 18.27 | 19.89 | 19.79 | 20.25 | 20.25 | 20.81 | 19.89 | 18.22 | 16.75 | 18.22 |
| 61844 | -0.58 | -0.55 | -0.52 | -0.52 | -0.52 | -0.63 | -0.78 | -0.79 | -0.79 | -0.91 | -0.91 | -0.91 | -0.74 | -0.73 | -0.74 | -0.79 | -0.80 | -0.84 | -0.89 | -0.92 | -0.80 | -0.68 | -0.62 | -0.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 1.38 | 1.72 | 1.50 | 1.76 | 1.14 | 0.72 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | -0.22 | 0.00 | 0.00 | 0.00 |
| HUD VL | 23.53 | 23.14 | 21.54 | 21.65 | 21.94 | 23.28 | 27.72 | 32.44 | 32.02 | 30.78 | 29.51 | 28.88 | 26.49 | 25.79 | 24.98 | 25.45 | 25.94 | 27.30 | 28.08 | 31.47 | 28.26 | 26.61 | 23.40 | 23.09 |
| 61758 | 1.80 | 1.61 | 1.59 | 1.55 | 1.49 | 1.64 | 1.90 | 1.89 | 2.15 | 2.31 | 2.47 | 2.34 | 2.09 | 2.18 | 2.17 | 2.29 | 2.27 | 2.26 | 2.37 | 2.55 | 2.19 | 2.12 | 1.74 | 1.79 |
| | -3.16 | -3.81 | -2.49 | -3.29 | -3.71 | -3.24 | -5.43 | -10.20 | -8.98 | -5.86 | -4.38 | -3.82 | -4.30 | -3.95 | -2.90 | -2.48 | -3.08 | -3.95 | -4.57 | -6.97 | -5.60 | -5.59 | -4.29 | -2.43 |
| LONGIL | 24.57 | 24.24 | 22.27 | 22.33 | 22.63 | 24.61 | 29.27 | 34.08 | 33.72 | 33.60 | 32.81 | 32.10 | 30.05 | 29.48 | 27.97 | 29.27 | 29.71 | 31.18 | 33.57 | 35.37 | 33.97 | 31.68 | 26.99 | 24.64 |
| 61762 | 2.78 | 2.64 | 2.27 | 2.17 | 2.11 | 2.91 | 3.35 | 3.07 | 3.32 | 3.76 | 3.92 | 3.70 | 3.26 | 3.28 | 3.10 | 3.45 | 3.46 | 3.61 | 3.66 | 3.80 | 3.52 | 3.25 | 2.78 | 3.25 |
| | -3.22 | -3.88 | -2.54 | -3.35 | -3.78 | -3.30 | -5.52 | -10.66 | -9.51 | -7.23 | -6.23 | -5.68 | -6.70 | -6.54 | -4.96 | -5.14 | -5.66 | -6.48 | -8.78 | -9.62 | -9.99 | -9.52 | -6.83 | -2.54 |
| MHK VL | 19.64 | 18.86 | 18.35 | 17.83 | 17.82 | 19.62 | 22.13 | 23.03 | 22.84 | 24.01 | 23.71 | 23.44 | 21.07 | 20.69 | 20.74 | 21.84 | 21.80 | 22.45 | 22.61 | 23.96 | 22.07 | 20.44 | 18.56 | 19.78 |
| 61756 | 0.48 | 0.42 | 0.42 | 0.40 | 0.39 | 0.61 | 0.71 | 0.77 | 0.79 | 1.02 | 0.86 | 0.75 | 0.68 | 0.63 | 0.70 | 0.72 | 0.66 | 0.65 | 0.66 | 0.77 | 0.61 | 0.55 | 0.42 | 0.49 |
| | -0.59 | -0.71 | -0.47 | -0.62 | -0.69 | -0.61 | -1.02 | -1.91 | -1.16 | -0.38 | -0.19 | 0.02 | -0.29 | -0.40 | -0.14 | -0.44 | -0.55 | -0.70 | -0.81 | -1.24 | -1.00 | -0.99 | -0.76 | -0.43 |
| MILLWD | 23.80 | 23.43 | 21.76 | 21.88 | 22.17 | 23.55 | 28.04 | 33.06 | 32.62 | 31.31 | 29.98 | 29.45 | 26.97 | 26.22 | 25.38 | 25.85 | 26.38 | 27.83 | 28.54 | 32.03 | 28.72 | 27.02 | 23.81 | 23.45 |
| 61759 | 1.99 | 1.81 | 1.75 | 1.70 | 1.62 | 1.82 | 2.08 | 2.26 | 2.53 | 2.69 | 2.83 | 2.82 | 2.45 | 2.50 | 2.49 | 2.63 | 2.62 | 2.68 | 2.71 | 2.92 | 2.50 | 2.38 | 2.03 | 2.09 |
| | -3.24 | -3.91 | -2.55 | -3.37 | -3.81 | -3.32 | -5.57 | -10.45 | -9.21 | -6.00 | -4.49 | -3.92 | -4.42 | -4.06 | -2.98 | -2.55 | -3.17 | -4.06 | -4.70 | -7.16 | -5.76 | -5.74 | -4.40 | -2.50 |
| N.Y.C. | 24.05 | 23.63 | 21.95 | 22.04 | 22.36 | 23.79 | 28.20 | 33.20 | 32.81 | 31.60 | 30.32 | 29.77 | 28.70 | 28.45 | 28.32 | 28.39 | 30.04 | 30.07 | 29.07 | 32.29 | 29.02 | 27.27 | 27.78 | 23.79 |
| 61761 | 2.26 | 2.04 | 1.96 | 1.88 | 1.84 | 2.10 | 2.28 | 2.50 | 2.80 | 3.03 | 3.20 | 3.16 | 2.79 | 2.83 | 2.83 | 2.96 | 2.94 | 3.02 | 3.06 | 3.23 | 2.84 | 2.67 | 2.33 | 2.43 |
| | -3.22 | -3.87 | -2.53 | -3.35 | -3.78 | -3.29 | -5.52 | -10.36 | -9.12 | -5.95 | -4.46 | -3.90 | -5.81 | -5.95 | -5.59 | -4.75 | -6.51 | -5.96 | -4.87 | -7.11 | -5.72 | -5.70 | -8.08 | -2.49 |
| NORTH | 17.38 | 16.58 | 16.33 | 15.67 | 15.62 | 16.99 | 18.80 | 15.00 | 14.30 | 14.00 | 15.00 | 13.94 | 14.06 | 15.37 | 14.90 | 19.06 | 19.15 | 19.53 | 19.59 | 20.33 | 19.05 | 17.67 | 16.19 | 17.73 |
| 61755 | -1.19 | -1.13 | -1.13 | -1.14 | -1.12 | -1.42 | -1.59 | -1.53 | -1.57 | -1.67 | -1.61 | -1.68 | -1.47 | -1.42 | -1.39 | -1.61 | -1.44 | -1.56 | -1.54 | -1.62 | -1.41 | -1.23 | -1.18 | -1.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.82 | 5.02 | 6.94 | 6.05 | 7.09 | 4.57 | 2.88 | 3.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 23.90 | 23.90 | 21.89 | 22.23 | 22.78 | 24.05 | 29.08 | 35.50 | 34.21 | 32.19 | 30.31 | 29.71 | 27.41 | 26.34 | 25.29 | 25.34 | 26.10 | 27.85 | 28.73 | 32.46 | 29.66 | 27.53 | 24.30 | 23.44 |
| 61845 | 1.13 | 1.12 | 1.12 | 1.04 | 1.10 | 1.34 | 1.47 | 1.47 | 1.38 | 1.58 | 1.65 | 1.70 | 1.45 | 1.34 | 1.41 | 1.36 | 1.40 | 1.50 | 1.50 | 1.45 | 1.51 | 1.19 | 1.22 | 1.34 |
| | -4.21 | -5.06 | -3.31 | -4.38 | -4.94 | -4.30 | -7.22 | -13.69 | -11.95 | -7.99 | -6.00 | -5.29 | -5.86 | -5.34 | -3.97 | -3.30 | -4.11 | -5.26 | -6.09 | -9.06 | -7.68 | -7.44 | -5.71 | -3.24 |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 18.50 | 17.81 | 17.32 | 16.88 | 16.91 | 18.50 | 21.00 | 21.70 | 21.44 | 22.74 | 22.40 | 22.58 | 19.94 | 19.40 | 19.42 | 20.00 | 20.00 | 20.91 | 21.25 | 22.13 | 20.87 | 18.93 | 17.40 | 18.72 |
| | -0.59 | -0.55 | -0.56 | -0.49 | -0.45 | -0.44 | -0.31 | -0.49 | -0.81 | -0.86 | -1.00 | -0.77 | -0.88 | -0.92 | -0.97 | -0.95 | -0.93 | -0.84 | -0.66 | -0.77 | -0.76 | -0.91 | -0.70 | -0.55 |
| | -0.53 | -0.64 | -0.42 | -0.55 | -0.62 | -0.54 | -0.91 | -1.84 | -1.37 | -0.98 | -0.73 | -0.64 | -0.72 | -0.66 | -0.49 | -0.27 | -0.33 | -0.66 | -0.77 | -0.95 | -1.16 | -0.94 | -0.72 | -0.41 |
| PJM 61847 | 20.95 | 20.36 | 19.39 | 19.18 | 19.33 | 20.88 | 24.32 | 26.82 | 26.35 | 26.64 | 25.91 | 25.72 | 23.25 | 22.68 | 22.38 | 22.95 | 23.31 | 24.21 | 24.58 | 26.48 | 24.53 | 22.58 | 20.58 | 20.94 |
| | 0.69 | 0.60 | 0.59 | 0.60 | 0.60 | 0.74 | 1.02 | 0.87 | 0.79 | 0.88 | 0.91 | 0.95 | 0.72 | 0.75 | 0.72 | 0.77 | 0.78 | 0.84 | 0.97 | 1.01 | 0.84 | 0.68 | 0.62 | 0.77 |
| | -1.70 | -2.04 | -1.33 | -1.76 | -1.99 | -1.73 | -2.91 | -5.60 | -4.67 | -3.14 | -2.35 | -2.05 | -2.43 | -2.27 | -1.76 | -1.50 | -1.93 | -2.27 | -2.47 | -3.52 | -3.23 | -3.00 | -2.58 | -1.31 |
| WEST 61752 | 18.81 | 18.06 | 17.57 | 17.12 | 17.17 | 18.83 | 21.51 | 22.08 | 22.13 | 23.35 | 23.02 | 23.23 | 20.43 | 19.88 | 19.91 | 20.63 | 20.69 | 21.47 | 21.81 | 22.92 | 21.14 | 19.35 | 17.77 | 19.13 |
| | -0.28 | -0.28 | -0.30 | -0.24 | -0.18 | -0.11 | 0.22 | 0.06 | -0.23 | -0.23 | -0.36 | -0.11 | -0.38 | -0.43 | -0.48 | -0.45 | -0.41 | -0.27 | -0.08 | -0.18 | -0.24 | -0.47 | -0.31 | -0.13 |
| | -0.52 | -0.63 | -0.41 | -0.54 | -0.61 | -0.53 | -0.89 | -1.67 | -1.48 | -0.96 | -0.72 | -0.63 | -0.71 | -0.65 | -0.48 | -0.41 | -0.51 | -0.65 | -0.75 | -1.15 | -0.92 | -0.92 | -0.71 | -0.40 |