

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/25/2020

| 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 | 17.57 | 16.45 | 16.15 | 15.46 | 16.19 | 16.77 | 16.46 | 17.25 | 17.26 | 17.86 | 16.09 | 16.00 | 14.64 | 14.50 | 14.29 | 14.00 | 15.21 | 17.07 | 18.87 | 21.57 | 22.07 | 19.58 | 17.97 | 15.81 |
| 61757 | 0.87 | 0.75 | 0.73 | 0.72 | 0.76 | 0.76 | 0.76 | 0.70 | 0.81 | 0.84 | 0.83 | 0.79 | 0.75 | 0.74 | 0.67 | 0.65 | 0.70 | 0.79 | 0.69 | 0.85 | 0.87 | 0.71 | 0.55 | 0.70 |
| | -1.69 | -2.54 | -2.29 | -1.63 | -2.32 | -2.88 | -2.57 | -4.46 | -3.18 | -3.30 | -1.48 | -1.98 | -0.98 | -1.17 | -2.09 | -2.55 | -2.59 | -3.62 | -7.22 | -7.51 | -7.43 | -7.30 | -7.79 | -2.09 |
| CENTRL | 15.38 | 13.54 | 13.46 | 13.35 | 13.45 | 13.53 | 13.51 | 12.83 | 14.04 | 14.58 | 14.35 | 13.79 | 13.31 | 12.97 | 11.99 | 11.30 | 12.45 | 13.40 | 11.96 | 14.38 | 15.03 | 12.58 | 10.66 | 13.14 |
| 61754 | 0.15 | 0.07 | 0.04 | 0.03 | 0.04 | 0.04 | 0.07 | 0.12 | 0.21 | 0.26 | 0.21 | 0.15 | 0.09 | 0.06 | 0.06 | 0.07 | 0.05 | 0.11 | 0.06 | 0.11 | 0.18 | 0.05 | 0.01 | -0.16 |
| | -0.21 | -0.32 | -0.29 | -0.21 | -0.29 | -0.36 | -0.32 | -0.61 | -0.56 | -0.60 | -0.36 | -0.42 | -0.30 | -0.32 | -0.40 | -0.44 | -0.49 | -0.62 | -0.94 | -1.06 | -1.08 | -0.95 | -1.02 | -0.27 |
| DUNWOD | 17.61 | 16.20 | 15.96 | 15.44 | 15.93 | 16.35 | 16.12 | 16.44 | 16.83 | 17.45 | 16.16 | 15.91 | 14.80 | 14.59 | 14.12 | 13.65 | 14.92 | 16.51 | 17.30 | 19.95 | 20.57 | 18.03 | 16.30 | 15.66 |
| 61760 | 1.35 | 1.16 | 1.14 | 1.11 | 1.10 | 1.09 | 1.09 | 1.04 | 1.21 | 1.29 | 1.28 | 1.22 | 1.16 | 1.13 | 1.05 | 0.96 | 1.08 | 1.16 | 1.00 | 1.18 | 1.29 | 1.05 | 0.90 | 1.09 |
| | -1.25 | -1.88 | -1.69 | -1.21 | -1.72 | -2.13 | -1.90 | -3.30 | -2.36 | -2.45 | -1.10 | -1.47 | -0.72 | -0.86 | -1.55 | -1.89 | -1.92 | -2.68 | -5.35 | -5.57 | -5.51 | -5.40 | -5.77 | -1.55 |
| GENESE | 15.02 | 13.17 | 13.07 | 12.97 | 13.04 | 13.13 | 13.09 | 11.98 | 11.99 | 12.36 | 12.25 | 11.55 | 10.94 | 10.69 | 10.09 | 9.73 | 10.36 | 11.31 | 11.40 | 13.04 | 13.51 | 11.94 | 10.16 | 12.47 |
| 61753 | -0.15 | -0.22 | -0.28 | -0.30 | -0.29 | -0.26 | -0.28 | -0.21 | -0.12 | -0.01 | -0.16 | -0.25 | -0.34 | -0.35 | -0.32 | -0.26 | -0.32 | -0.20 | -0.31 | -0.30 | -0.16 | -0.38 | -0.32 | -0.78 |
| | -0.16 | -0.24 | -0.21 | -0.15 | -0.22 | -0.27 | -0.24 | -0.10 | 1.16 | 1.35 | 1.37 | 1.42 | 1.64 | 1.55 | 1.11 | 0.81 | 1.23 | 1.15 | -0.74 | -0.13 | 0.10 | -0.75 | -0.84 | -0.23 |
| H Q | 14.56 | 12.80 | 12.80 | 12.80 | 12.80 | 12.80 | 12.80 | 11.73 | 12.80 | 13.21 | 13.30 | 12.80 | 12.53 | 12.23 | 11.19 | 10.49 | 11.58 | 12.27 | 10.64 | 12.80 | 13.30 | 11.25 | 9.38 | 12.80 |
| 61844 | -0.45 | -0.35 | -0.33 | -0.31 | -0.31 | -0.33 | -0.33 | -0.36 | -0.46 | -0.51 | -0.48 | -0.42 | -0.39 | -0.37 | -0.33 | -0.31 | -0.33 | -0.39 | -0.32 | -0.41 | -0.47 | -0.32 | -0.26 | -0.22 |
| | 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 |
| HUD VL | 17.50 | 16.09 | 15.86 | 15.35 | 15.83 | 16.26 | 16.03 | 16.33 | 16.71 | 17.33 | 16.03 | 15.77 | 14.67 | 14.46 | 14.00 | 13.54 | 14.79 | 16.39 | 17.18 | 19.83 | 20.44 | 17.92 | 16.19 | 15.55 |
| 61758 | 1.25 | 1.07 | 1.05 | 1.04 | 1.01 | 1.01 | 1.01 | 0.96 | 1.10 | 1.18 | 1.16 | 1.08 | 1.03 | 1.01 | 0.93 | 0.86 | 0.96 | 1.06 | 0.91 | 1.10 | 1.20 | 0.97 | 0.82 | 0.99 |
| | -1.24 | -1.87 | -1.68 | -1.20 | -1.70 | -2.12 | -1.89 | -3.29 | -2.35 | -2.43 | -1.09 | -1.46 | -0.72 | -0.86 | -1.54 | -1.88 | -1.91 | -2.67 | -5.31 | -5.53 | -5.47 | -5.37 | -5.73 | -1.54 |
| LONGIL | 19.88 | 18.27 | 18.03 | 17.84 | 17.36 | 19.13 | 21.21 | 19.82 | 20.17 | 20.57 | 20.54 | 20.37 | 21.04 | 20.41 | 18.99 | 18.89 | 19.72 | 22.54 | 26.00 | 28.53 | 32.00 | 27.43 | 22.42 | 19.00 |
| 61762 | 1.82 | 1.55 | 1.54 | 1.52 | 1.49 | 1.47 | 1.48 | 1.43 | 1.66 | 1.74 | 1.78 | 1.69 | 1.63 | 1.57 | 1.44 | 1.35 | 1.50 | 1.60 | 1.38 | 1.65 | 1.76 | 1.46 | 1.20 | 1.51 |
| | -3.05 | -3.56 | -3.37 | -3.20 | -2.75 | -4.54 | -6.60 | -6.30 | -5.24 | -5.11 | -4.98 | -5.45 | -6.50 | -6.24 | -6.03 | -6.74 | -6.31 | -8.28 | -13.66 | -13.67 | -16.47 | -14.40 | -11.58 | -4.47 |
| MHK VL | 15.51 | 13.69 | 13.62 | 13.52 | 13.62 | 13.72 | 13.69 | 12.85 | 13.90 | 14.42 | 14.25 | 13.70 | 13.25 | 12.93 | 11.95 | 11.26 | 12.39 | 13.29 | 12.00 | 14.36 | 14.96 | 12.64 | 10.74 | 13.43 |
| 61756 | 0.28 | 0.21 | 0.20 | 0.20 | 0.21 | 0.22 | 0.25 | 0.22 | 0.25 | 0.30 | 0.29 | 0.24 | 0.22 | 0.20 | 0.17 | 0.15 | 0.17 | 0.19 | 0.13 | 0.20 | 0.25 | 0.14 | 0.12 | 0.14 |
| | -0.22 | -0.32 | -0.29 | -0.21 | -0.30 | -0.37 | -0.31 | -0.54 | -0.38 | -0.40 | -0.18 | -0.24 | -0.12 | -0.14 | -0.25 | -0.31 | -0.31 | -0.44 | -0.91 | -0.95 | -0.94 | -0.92 | -0.98 | -0.26 |
| MILLWD | 17.60 | 16.19 | 15.95 | 15.43 | 15.91 | 16.35 | 16.11 | 16.46 | 16.84 | 17.47 | 16.16 | 15.88 | 14.79 | 14.56 | 14.09 | 13.63 | 14.90 | 16.50 | 17.32 | 19.99 | 20.60 | 18.06 | 16.33 | 15.63 |
| 61759 | 1.32 | 1.13 | 1.12 | 1.10 | 1.06 | 1.06 | 1.06 | 1.03 | 1.19 | 1.28 | 1.27 | 1.18 | 1.14 | 1.09 | 1.00 | 0.92 | 1.05 | 1.13 | 0.96 | 1.16 | 1.27 | 1.03 | 0.87 | 1.04 |
| | -1.26 | -1.90 | -1.71 | -1.22 | -1.73 | -2.15 | -1.92 | -3.34 | -2.38 | -2.47 | -1.11 | -1.48 | -0.73 | -0.87 | -1.57 | -1.91 | -1.94 | -2.71 | -5.40 | -5.62 | -5.56 | -5.46 | -5.83 | -1.56 |
| N.Y.C. | 17.74 | 16.32 | 16.06 | 15.52 | 16.00 | 16.41 | 16.14 | 16.45 | 16.85 | 17.48 | 16.19 | 15.95 | 14.84 | 14.63 | 14.15 | 13.68 | 14.94 | 16.55 | 17.33 | 19.98 | 20.59 | 18.08 | 16.40 | 15.80 |
| 61761 | 1.47 | 1.28 | 1.23 | 1.19 | 1.17 | 1.14 | 1.10 | 1.05 | 1.22 | 1.32 | 1.31 | 1.26 | 1.20 | 1.17 | 1.07 | 0.98 | 1.11 | 1.20 | 1.02 | 1.20 | 1.31 | 1.10 | 0.99 | 1.22 |
| | -1.25 | -1.89 | -1.70 | -1.21 | -1.72 | -2.14 | -1.91 | -3.31 | -2.36 | -2.45 | -1.10 | -1.47 | -0.73 | -0.87 | -1.55 | -1.89 | -1.92 | -2.68 | -5.35 | -5.57 | -5.51 | -5.41 | -5.77 | -1.55 |
| NORTH | 14.47 | 12.72 | 12.73 | 12.72 | 12.73 | 12.75 | 12.73 | 11.55 | 12.56 | 12.95 | 13.05 | 12.56 | 12.32 | 12.04 | 11.03 | 10.32 | 11.40 | 12.07 | 10.47 | 12.58 | 13.07 | 11.05 | 9.24 | 12.72 |
| 61755 | -0.54 | -0.43 | -0.39 | -0.39 | -0.38 | -0.38 | -0.39 | -0.54 | -0.70 | -0.77 | -0.73 | -0.66 | -0.59 | -0.55 | -0.50 | -0.47 | -0.51 | -0.59 | -0.49 | -0.63 | -0.70 | -0.52 | -0.40 | -0.30 |
| | 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 | 17.50 | 16.25 | 16.00 | 15.42 | 16.00 | 16.50 | 16.25 | 16.80 | 17.00 | 17.60 | 16.08 | 15.89 | 14.70 | 14.51 | 14.17 | 13.78 | 15.00 | 16.69 | 17.93 | 20.60 | 21.14 | 18.65 | 17.00 | 15.64 |
| 61845 | 1.04 | 0.91 | 0.91 | 0.90 | 0.89 | 0.89 | 0.91 | 0.87 | 1.00 | 1.04 | 1.02 | 0.96 | 0.94 | 0.92 | 0.84 | 0.79 | 0.86 | 0.91 | 0.77 | 0.92 | 0.98 | 0.80 | 0.66 | 0.82 |
| | -1.45 | -2.19 | -1.97 | -1.40 | -1.99 | -2.48 | -2.21 | -3.84 | -2.74 | -2.84 | -1.27 | -1.71 | -0.84 | -1.00 | -1.80 | -2.20 | -2.23 | -3.11 | -6.21 | -6.46 | -6.40 | -6.28 | -6.70 | -1.80 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 14.27 | 12.50 | 12.38 | 12.26 | 12.36 | 12.46 | 12.38 | 10.94 | 9.70 | 9.78 | 9.67 | 9.07 | 8.30 | 8.20 | 8.04 | 8.04 | 8.09 | 9.00 | 10.96 | 11.45 | 11.57 | 11.41 | 9.77 | 11.71 |
| | -0.93 | -0.93 | -1.00 | -1.04 | -1.01 | -0.98 | -1.02 | -0.80 | -0.70 | -0.64 | -0.77 | -0.85 | -0.93 | -0.89 | -0.84 | -0.72 | -0.86 | -0.76 | -0.82 | -0.95 | -0.81 | -1.00 | -0.84 | -1.58 |
| | -0.19 | -0.28 | -0.25 | -0.18 | -0.26 | -0.31 | -0.27 | 0.35 | 2.86 | 3.29 | 3.34 | 3.31 | 3.69 | 3.50 | 2.65 | 2.04 | 2.96 | 2.90 | -0.82 | 0.81 | 1.39 | -0.83 | -0.98 | -0.26 |
| PJM 61847 | 16.28 | 14.68 | 14.50 | 14.16 | 14.47 | 14.76 | 14.61 | 14.53 | 15.37 | 15.97 | 15.12 | 14.72 | 13.90 | 13.65 | 12.95 | 12.40 | 13.59 | 14.90 | 14.58 | 17.11 | 17.77 | 15.21 | 13.45 | 14.06 |
| | 0.49 | 0.37 | 0.33 | 0.30 | 0.30 | 0.31 | 0.31 | 0.35 | 0.49 | 0.56 | 0.50 | 0.42 | 0.36 | 0.35 | 0.32 | 0.31 | 0.33 | 0.42 | 0.30 | 0.37 | 0.48 | 0.27 | 0.22 | 0.08 |
| | -0.77 | -1.16 | -1.04 | -0.74 | -1.06 | -1.31 | -1.17 | -2.09 | -1.62 | -1.69 | -0.85 | -1.08 | -0.63 | -0.71 | -1.10 | -1.28 | -1.35 | -1.82 | -3.33 | -3.53 | -3.52 | -3.36 | -3.59 | -0.96 |
| WEST 61752 | 14.71 | 12.88 | 12.77 | 12.63 | 12.75 | 12.84 | 12.85 | 14.25 | 20.69 | 22.24 | 21.52 | 21.00 | 21.02 | 20.38 | 17.81 | 16.00 | 19.10 | 20.27 | 11.63 | 17.45 | 19.40 | 12.09 | 10.10 | 12.04 |
| | -0.51 | -0.58 | -0.63 | -0.68 | -0.64 | -0.63 | -0.62 | -0.39 | -0.24 | -0.15 | -0.29 | -0.40 | -0.49 | -0.47 | -0.45 | -0.37 | -0.46 | -0.33 | -0.46 | -0.52 | -0.34 | -0.64 | -0.57 | -1.26 |
| | -0.20 | -0.30 | -0.27 | -0.20 | -0.28 | -0.35 | -0.34 | -2.55 | -7.66 | -8.67 | -8.03 | -8.17 | -8.59 | -8.25 | -6.73 | -5.57 | -7.65 | -7.94 | -1.13 | -4.76 | -5.97 | -1.15 | -1.03 | -0.28 |