

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/20/2019

| 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 | 29.06 | 27.11 | 26.73 | 26.96 | 28.54 | 30.71 | 40.47 | 44.74 | 39.29 | 36.40 | 33.58 | 30.16 | 28.74 | 27.91 | 27.18 | 27.18 | 28.06 | 30.93 | 37.45 | 42.72 | 40.62 | 37.25 | 30.39 | 26.53 |
| 61757 | 1.58 | 1.54 | 1.51 | 1.57 | 1.60 | 1.87 | 2.62 | 2.81 | 2.62 | 2.23 | 1.82 | 1.68 | 1.66 | 1.53 | 1.44 | 1.47 | 1.53 | 1.79 | 1.96 | 2.49 | 2.01 | 1.75 | 1.66 | 1.44 |
| | -2.02 | 0.04 | 0.02 | -0.49 | -2.30 | -0.02 | 0.20 | 0.04 | 0.15 | 0.12 | 0.10 | 0.09 | 0.07 | 0.06 | 0.05 | 0.05 | -0.06 | -1.14 | -5.36 | -3.12 | -6.72 | -8.12 | -3.97 | -0.29 |
| CENTRL | 26.07 | 25.94 | 25.56 | 25.28 | 25.28 | 29.10 | 38.51 | 43.62 | 37.19 | 34.54 | 32.27 | 28.96 | 27.44 | 26.70 | 26.08 | 26.02 | 26.75 | 28.44 | 31.12 | 37.95 | 33.12 | 28.75 | 25.55 | 25.17 |
| 61754 | 0.36 | 0.38 | 0.35 | 0.37 | 0.39 | 0.40 | 0.76 | 1.01 | 0.59 | 0.41 | 0.54 | 0.51 | 0.38 | 0.34 | 0.36 | 0.33 | 0.32 | 0.34 | 0.36 | 0.45 | 0.41 | 0.38 | 0.35 | 0.40 |
| | -0.24 | 0.05 | 0.02 | -0.01 | -0.24 | 0.12 | 0.29 | -0.65 | 0.23 | 0.16 | 0.14 | 0.12 | 0.10 | 0.08 | 0.07 | 0.08 | 0.04 | -0.11 | -0.62 | -0.39 | -0.81 | -0.99 | -0.44 | 0.02 |
| DUNWOD | 29.60 | 28.32 | 27.93 | 27.89 | 28.87 | 31.87 | 42.38 | 46.50 | 41.33 | 38.44 | 35.85 | 32.07 | 30.55 | 29.88 | 29.12 | 29.11 | 30.03 | 32.45 | 37.92 | 44.08 | 40.89 | 36.80 | 30.78 | 27.91 |
| 61760 | 2.67 | 2.71 | 2.70 | 2.61 | 2.54 | 2.97 | 4.34 | 4.53 | 4.49 | 4.15 | 3.98 | 3.51 | 3.39 | 3.44 | 3.33 | 3.35 | 3.49 | 3.61 | 3.89 | 4.71 | 4.12 | 3.53 | 3.12 | 2.88 |
| | -1.46 | 0.00 | 0.00 | -0.38 | -1.69 | -0.08 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.84 | -3.90 | -2.26 | -4.88 | -5.89 | -2.90 | -0.24 |
| GENESE | 25.01 | 24.93 | 24.51 | 24.26 | 24.25 | 27.92 | 36.96 | 41.72 | 35.68 | 33.01 | 30.88 | 27.93 | 26.52 | 25.56 | 25.09 | 25.01 | 25.65 | 27.32 | 29.80 | 36.28 | 31.66 | 27.52 | 24.61 | 24.46 |
| 61753 | -0.64 | -0.64 | -0.71 | -0.65 | -0.57 | -0.81 | -0.87 | -0.21 | -0.99 | -1.17 | -0.89 | -0.54 | -0.57 | -0.82 | -0.64 | -0.69 | -0.79 | -0.75 | -0.78 | -1.11 | -0.83 | -0.58 | -0.47 | -0.32 |
| | -0.18 | 0.04 | 0.02 | -0.01 | -0.17 | 0.09 | 0.21 | 0.04 | 0.16 | 0.12 | 0.10 | 0.08 | 0.07 | 0.06 | 0.05 | 0.06 | 0.03 | -0.08 | -0.45 | -0.29 | -0.59 | -0.72 | -0.32 | 0.01 |
| H Q | 23.83 | 21.53 | 22.82 | 20.78 | 20.47 | 20.25 | 20.25 | 34.99 | 21.58 | 23.17 | 22.10 | 20.25 | 20.25 | 20.25 | 20.25 | 20.25 | 22.26 | 24.86 | 25.55 | 35.48 | 28.21 | 24.10 | 20.25 | 20.32 |
| 61844 | -1.15 | -1.18 | -1.13 | -1.14 | -1.13 | -1.33 | -1.79 | -1.93 | -1.66 | -1.51 | -1.43 | -1.31 | -1.22 | -1.19 | -1.19 | -1.18 | -1.19 | -1.26 | -1.36 | -1.63 | -1.47 | -1.26 | -1.16 | -1.17 |
| | 0.49 | 2.90 | 1.28 | 2.97 | 3.04 | 7.24 | 16.01 | 5.05 | 13.60 | 9.61 | 8.33 | 7.00 | 5.68 | 5.00 | 4.35 | 4.33 | 3.02 | 1.88 | 3.23 | 0.00 | 2.22 | 2.02 | 3.34 | 3.31 |
| HUD VL | 29.22 | 27.94 | 27.53 | 27.51 | 28.52 | 31.60 | 42.04 | 46.04 | 40.45 | 37.68 | 35.05 | 31.22 | 29.79 | 29.22 | 28.47 | 28.42 | 29.29 | 31.64 | 37.03 | 43.30 | 40.15 | 35.99 | 30.10 | 27.29 |
| 61758 | 2.32 | 2.33 | 2.30 | 2.24 | 2.22 | 2.71 | 3.99 | 4.07 | 3.61 | 3.40 | 3.19 | 2.66 | 2.63 | 2.78 | 2.68 | 2.65 | 2.75 | 2.83 | 3.08 | 3.97 | 3.48 | 2.85 | 2.50 | 2.26 |
| | -1.43 | 0.00 | 0.00 | -0.37 | -1.65 | -0.08 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.82 | -3.82 | -2.21 | -4.78 | -5.77 | -2.84 | -0.24 |
| LONGIL | 30.37 | 29.20 | 28.51 | 28.62 | 29.44 | 33.57 | 43.67 | 47.84 | 42.11 | 39.75 | 36.88 | 33.49 | 31.85 | 31.22 | 30.57 | 30.59 | 31.83 | 34.80 | 40.87 | 48.64 | 43.64 | 44.34 | 32.02 | 28.64 |
| 61762 | 3.44 | 3.58 | 3.28 | 3.34 | 3.11 | 4.09 | 5.63 | 5.88 | 5.27 | 5.42 | 5.00 | 4.45 | 4.29 | 4.26 | 4.13 | 4.17 | 4.45 | 4.62 | 5.03 | 6.12 | 5.36 | 4.49 | 3.99 | 3.59 |
| | -1.46 | 0.00 | 0.00 | -0.38 | -1.69 | -0.66 | 0.00 | 0.00 | -0.01 | -0.05 | -0.01 | -0.48 | -0.40 | -0.52 | -0.65 | -0.66 | -0.91 | -2.19 | -5.70 | -5.41 | -6.39 | -12.47 | -3.27 | -0.25 |
| MHK VL | 26.51 | 26.05 | 25.90 | 25.44 | 25.40 | 29.23 | 37.86 | 44.48 | 36.79 | 34.91 | 31.98 | 28.64 | 27.44 | 26.70 | 26.01 | 26.05 | 26.96 | 28.86 | 31.48 | 38.98 | 33.62 | 29.10 | 25.57 | 25.06 |
| 61756 | 0.81 | 0.82 | 0.83 | 0.85 | 0.81 | 1.33 | 1.86 | 2.18 | 1.70 | 1.85 | 1.18 | 0.97 | 1.01 | 0.90 | 0.80 | 0.85 | 0.87 | 0.95 | 1.03 | 1.45 | 1.09 | 0.88 | 0.69 | 0.64 |
| | -0.23 | 0.37 | 0.16 | 0.31 | 0.06 | 0.91 | 2.05 | -0.33 | 1.73 | 1.23 | 1.06 | 0.89 | 0.73 | 0.64 | 0.58 | 0.56 | 0.38 | 0.08 | -0.31 | -0.43 | -0.63 | -0.85 | -0.12 | 0.38 |
| MILLWD | 29.54 | 28.25 | 27.85 | 27.82 | 28.78 | 31.84 | 42.34 | 46.46 | 41.18 | 38.30 | 35.63 | 31.87 | 30.33 | 29.64 | 28.88 | 28.88 | 29.80 | 32.20 | 37.70 | 43.99 | 40.76 | 36.70 | 30.63 | 27.72 |
| 61759 | 2.60 | 2.64 | 2.62 | 2.54 | 2.44 | 2.94 | 4.30 | 4.49 | 4.34 | 4.01 | 3.76 | 3.31 | 3.18 | 3.20 | 3.09 | 3.12 | 3.25 | 3.36 | 3.64 | 4.60 | 3.95 | 3.39 | 2.94 | 2.68 |
| | -1.47 | 0.00 | 0.00 | -0.38 | -1.70 | -0.08 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.85 | -3.92 | -2.28 | -4.91 | -5.93 | -2.92 | -0.24 |
| N.Y.C. | 29.76 | 28.50 | 28.13 | 28.07 | 28.99 | 32.09 | 42.53 | 46.67 | 41.59 | 39.60 | 37.61 | 34.93 | 33.85 | 33.35 | 32.82 | 32.82 | 33.34 | 35.16 | 38.97 | 44.27 | 41.15 | 37.99 | 31.03 | 28.17 |
| 61761 | 2.83 | 2.89 | 2.90 | 2.79 | 2.66 | 3.20 | 4.49 | 4.70 | 4.75 | 4.56 | 4.33 | 3.83 | 3.69 | 3.70 | 3.58 | 3.61 | 3.78 | 3.89 | 4.19 | 4.90 | 4.37 | 3.80 | 3.37 | 3.12 |
| | -1.46 | 0.00 | 0.00 | -0.38 | -1.69 | -0.08 | 0.00 | 0.00 | -0.01 | -0.75 | -1.40 | -2.54 | -3.01 | -3.21 | -3.44 | -3.45 | -3.08 | -3.28 | -4.64 | -2.26 | -4.88 | -6.81 | -2.90 | -0.25 |
| NORTH | 23.37 | 21.30 | 22.47 | 20.55 | 20.26 | 20.33 | 20.89 | 31.10 | 22.14 | 23.40 | 22.22 | 20.25 | 20.18 | 20.19 | 19.93 | 19.99 | 22.00 | 24.51 | 25.26 | 34.84 | 27.83 | 23.70 | 19.96 | 20.06 |
| 61755 | -1.65 | -1.69 | -1.62 | -1.67 | -1.65 | -1.96 | -2.74 | -2.86 | -2.43 | -2.23 | -2.13 | -2.00 | -1.85 | -1.75 | -1.93 | -1.88 | -1.75 | -1.79 | -1.96 | -2.26 | -2.07 | -1.86 | -1.78 | -1.76 |
| | 0.44 | 2.62 | 1.15 | 2.68 | 2.74 | 6.52 | 14.42 | 8.01 | 12.26 | 8.67 | 7.51 | 6.31 | 5.13 | 4.51 | 3.93 | 3.90 | 2.72 | 1.69 | 2.91 | 0.00 | 2.00 | 1.82 | 3.01 | 2.98 |
| NPX | 29.77 | 28.70 | 28.60 | 28.56 | 29.00 | 34.99 | 47.70 | 50.78 | 46.33 | 41.57 | 35.65 | 31.07 | 29.00 | 28.00 | 27.26 | 27.23 | 28.18 | 33.42 | 38.13 | 45.48 | 43.37 | 37.00 | 30.29 | 28.00 |
| 61845 | 1.63 | 1.64 | 1.62 | 1.62 | 1.63 | 1.90 | 2.59 | 2.73 | 2.54 | 2.30 | 2.04 | 1.86 | 1.79 | 1.56 | 1.47 | 1.47 | 1.61 | 1.90 | 2.05 | 2.49 | 2.14 | 1.86 | 1.71 | 1.56 |
| | -2.67 | -1.45 | -1.75 | -2.05 | -2.73 | -4.27 | -7.07 | -6.08 | -6.96 | -4.98 | -1.74 | -0.65 | -0.05 | 0.00 | 0.00 | 0.00 | -0.09 | -3.52 | -5.94 | -5.88 | -9.34 | -7.76 | -3.83 | -1.64 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 24.58 | 24.60 | 24.18 | 24.00 | 24.00 | 27.30 | 35.98 | 40.00 | 34.32 | 31.71 | 29.86 | 26.99 | 25.62 | 24.82 | 24.50 | 24.42 | 24.96 | 26.63 | 29.05 | 34.96 | 30.86 | 27.01 | 24.28 | 24.15 |
| | -1.12 | -0.97 | -1.04 | -0.92 | -0.89 | -1.44 | -1.86 | -1.93 | -2.36 | -2.47 | -1.91 | -1.49 | -1.47 | -1.56 | -1.24 | -1.29 | -1.48 | -1.48 | -1.69 | -2.52 | -1.82 | -1.31 | -0.92 | -0.64 |
| | -0.24 | 0.04 | 0.02 | -0.03 | -0.24 | 0.08 | 0.20 | 0.04 | 0.15 | 0.11 | 0.10 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.03 | -0.12 | -0.60 | -0.37 | -0.78 | -0.95 | -0.44 | 0.00 |
| PJM 61847 | 27.10 | 26.52 | 26.12 | 25.99 | 26.44 | 29.64 | 39.37 | 43.71 | 37.40 | 35.04 | 32.86 | 29.51 | 28.07 | 27.34 | 26.78 | 26.69 | 27.48 | 29.51 | 33.41 | 39.49 | 35.83 | 31.79 | 27.47 | 26.01 |
| | 0.81 | 0.95 | 0.91 | 0.92 | 0.89 | 0.86 | 1.52 | 1.43 | 1.07 | 0.86 | 1.08 | 1.03 | 0.98 | 0.95 | 1.03 | 0.98 | 1.01 | 1.06 | 1.12 | 1.11 | 1.21 | 1.12 | 1.12 | 1.12 |
| | -0.82 | 0.04 | 0.02 | -0.18 | -0.91 | 0.04 | 0.20 | -0.31 | 0.50 | 0.11 | 0.09 | 0.08 | 0.06 | 0.05 | 0.05 | 0.05 | 0.00 | -0.45 | -2.16 | -1.27 | -2.72 | -3.29 | -1.59 | -0.10 |
| WEST 61752 | 25.09 | 25.08 | 24.66 | 24.45 | 24.46 | 27.84 | 37.00 | 41.59 | 35.64 | 32.94 | 30.98 | 27.99 | 26.60 | 25.72 | 25.40 | 25.29 | 25.86 | 27.41 | 29.92 | 35.96 | 31.68 | 27.71 | 24.92 | 24.72 |
| | -0.61 | -0.49 | -0.56 | -0.47 | -0.42 | -0.89 | -0.84 | -0.34 | -1.03 | -1.23 | -0.80 | -0.49 | -0.49 | -0.66 | -0.34 | -0.41 | -0.58 | -0.70 | -0.81 | -1.52 | -0.99 | -0.60 | -0.27 | -0.07 |
| | -0.23 | 0.04 | 0.02 | -0.03 | -0.24 | 0.08 | 0.20 | 0.04 | 0.16 | 0.11 | 0.10 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.03 | -0.11 | -0.60 | -0.37 | -0.77 | -0.94 | -0.43 | 0.00 |