

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/25/2017

| 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 | 24.18 | 21.18 | 18.89 | 19.17 | 20.04 | 20.51 | 24.66 | 30.38 | 33.42 | 34.75 | 34.55 | 33.44 | 32.67 | 29.28 | 28.24 | 27.92 | 29.26 | 33.99 | 34.27 | 36.81 | 38.53 | 27.26 | 22.07 | 26.54 |
| 61757 | 0.60 | 0.55 | 0.51 | 0.43 | 0.51 | 0.57 | 1.29 | 1.53 | 1.74 | 1.83 | 1.80 | 1.74 | 1.73 | 1.55 | 1.47 | 1.45 | 1.49 | 1.79 | 1.84 | 2.01 | 2.07 | 1.40 | 1.20 | 0.60 |
| | -10.47 | -8.95 | -7.55 | -9.44 | -8.86 | -8.23 | -0.25 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | -0.11 | -0.49 | -0.50 | -0.65 | -0.77 | -0.65 | -0.66 | -0.80 | -0.46 | -0.57 | -13.27 |
| CENTRL | 14.42 | 12.81 | 11.79 | 10.44 | 11.79 | 12.80 | 23.43 | 29.31 | 32.06 | 32.96 | 33.08 | 32.02 | 31.22 | 27.87 | 26.51 | 26.19 | 27.47 | 31.77 | 32.13 | 34.58 | 36.12 | 25.76 | 20.57 | 14.20 |
| 61754 | 0.16 | 0.14 | 0.13 | 0.10 | 0.15 | 0.19 | 0.30 | 0.46 | 0.38 | 0.29 | 0.33 | 0.32 | 0.28 | 0.25 | 0.24 | 0.23 | 0.35 | 0.35 | 0.35 | 0.44 | 0.46 | 0.36 | 0.22 | 0.20 |
| | -1.15 | -0.99 | -0.83 | -1.04 | -0.98 | -0.91 | -0.02 | 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 | -0.04 | -1.33 | |
| DUNWOD | 21.95 | 19.31 | 17.33 | 16.97 | 18.10 | 18.79 | 26.05 | 32.31 | 35.64 | 36.82 | 36.88 | 35.76 | 34.93 | 32.71 | 29.69 | 29.33 | 31.62 | 36.04 | 35.85 | 39.11 | 40.51 | 28.65 | 23.17 | 23.52 |
| 61760 | 1.52 | 1.34 | 1.22 | 1.05 | 1.22 | 1.32 | 2.82 | 3.46 | 3.96 | 4.15 | 4.13 | 4.06 | 3.99 | 3.59 | 3.41 | 3.37 | 3.55 | 4.12 | 4.07 | 4.41 | 4.57 | 3.25 | 2.58 | 1.53 |
| | -7.32 | -6.28 | -5.28 | -6.63 | -6.22 | -5.76 | -0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | 0.00 | 0.00 | -0.95 | -0.49 | 0.00 | -0.57 | -0.28 | 0.00 | -0.29 | -9.32 |
| GENESE | 14.06 | 12.52 | 11.55 | 10.17 | 11.53 | 12.56 | 23.15 | 29.02 | 31.55 | 32.37 | 32.52 | 31.48 | 30.69 | 27.43 | 26.09 | 25.78 | 27.10 | 31.27 | 31.69 | 34.14 | 35.62 | 25.40 | 20.21 | 13.80 |
| 61753 | 0.00 | 0.02 | 0.03 | 0.02 | 0.06 | 0.11 | 0.02 | 0.17 | -0.13 | -0.29 | -0.23 | -0.22 | -0.25 | -0.19 | -0.18 | -0.18 | -0.03 | -0.16 | -0.10 | 0.00 | -0.04 | 0.00 | -0.12 | 0.09 |
| | -0.95 | -0.81 | -0.68 | -0.86 | -0.81 | -0.75 | -0.02 | 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 | -0.03 | -1.04 | |
| H Q | 12.40 | 11.27 | 10.29 | 8.98 | 10.29 | 11.17 | 20.42 | 27.76 | 30.54 | 29.75 | 19.29 | 19.29 | 19.02 | 19.08 | 19.02 | 19.06 | 19.01 | 25.27 | 26.19 | 28.69 | 29.01 | 21.30 | 18.43 | 12.23 |
| 61844 | -0.46 | -0.41 | -0.38 | -0.32 | -0.37 | -0.42 | -0.81 | -1.01 | -1.11 | -1.14 | -1.15 | -1.11 | -1.08 | -0.97 | -0.92 | -0.91 | -0.98 | -1.10 | -1.11 | -1.20 | -1.25 | -0.91 | -0.73 | -0.44 |
| | 0.25 | 0.00 | 0.16 | 0.00 | 0.00 | 0.11 | 1.89 | 0.08 | 0.03 | 1.78 | 12.31 | 11.30 | 10.84 | 7.58 | 6.33 | 5.99 | 7.14 | 5.06 | 4.48 | 4.25 | 5.40 | 3.19 | 1.14 | 0.00 |
| HUD VL | 21.73 | 19.14 | 17.20 | 16.83 | 17.93 | 18.61 | 25.75 | 31.99 | 35.26 | 36.46 | 36.48 | 35.38 | 34.53 | 31.88 | 29.35 | 29.00 | 30.97 | 35.50 | 35.50 | 38.55 | 40.06 | 28.35 | 22.92 | 23.27 |
| 61758 | 1.38 | 1.24 | 1.14 | 0.97 | 1.11 | 1.19 | 2.52 | 3.14 | 3.58 | 3.79 | 3.73 | 3.68 | 3.59 | 3.23 | 3.07 | 3.04 | 3.20 | 3.74 | 3.72 | 4.03 | 4.21 | 2.95 | 2.33 | 1.37 |
| | -7.25 | -6.22 | -5.23 | -6.56 | -6.16 | -5.71 | -0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.02 | 0.00 | 0.00 | -0.65 | -0.34 | 0.00 | -0.39 | -0.20 | 0.00 | -0.28 | -9.23 |
| LONGIL | 25.63 | 23.18 | 21.73 | 21.58 | 21.72 | 23.37 | 31.63 | 34.86 | 38.60 | 39.61 | 39.58 | 39.15 | 39.29 | 38.43 | 37.61 | 35.81 | 37.64 | 37.58 | 37.40 | 40.66 | 42.11 | 36.73 | 28.04 | 26.42 |
| 61762 | 2.11 | 1.88 | 1.71 | 1.48 | 1.67 | 1.79 | 3.74 | 4.84 | 5.54 | 5.75 | 5.73 | 5.52 | 5.26 | 4.64 | 4.39 | 4.36 | 4.61 | 5.50 | 5.47 | 5.94 | 6.17 | 4.32 | 3.39 | 2.07 |
| | -10.41 | -9.62 | -9.19 | -10.80 | -9.38 | -9.87 | -4.77 | -1.17 | -1.38 | -1.19 | -1.10 | -1.94 | -3.09 | -6.17 | -6.94 | -5.49 | -5.91 | -0.65 | -0.15 | -0.58 | -0.28 | -7.01 | -4.35 | -11.68 |
| MHK VL | 14.32 | 12.77 | 11.71 | 10.39 | 11.73 | 12.70 | 23.31 | 29.39 | 32.28 | 32.73 | 33.27 | 32.21 | 31.43 | 28.07 | 25.61 | 25.27 | 26.38 | 30.42 | 30.92 | 33.44 | 34.60 | 24.86 | 20.23 | 14.12 |
| 61756 | 0.17 | 0.13 | 0.12 | 0.08 | 0.12 | 0.15 | 0.35 | 0.55 | 0.60 | 0.59 | 0.52 | 0.51 | 0.49 | 0.39 | 0.37 | 0.36 | 0.43 | 0.44 | 0.44 | 0.51 | 0.50 | 0.38 | 0.22 | 0.16 |
| | -1.04 | -0.96 | -0.76 | -1.01 | -0.95 | -0.84 | 0.16 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | -0.06 | 1.03 | 1.05 | 1.18 | 1.45 | 1.30 | 1.21 | 1.56 | 0.93 | 0.29 | -1.29 |
| MILLWD | 22.02 | 19.40 | 17.41 | 17.07 | 18.18 | 18.85 | 25.96 | 32.22 | 35.54 | 36.78 | 36.84 | 35.73 | 34.87 | 32.68 | 29.61 | 29.26 | 31.61 | 36.01 | 35.78 | 39.09 | 40.51 | 28.55 | 23.09 | 23.63 |
| 61759 | 1.47 | 1.33 | 1.21 | 1.04 | 1.19 | 1.29 | 2.73 | 3.37 | 3.86 | 4.12 | 4.09 | 4.03 | 3.93 | 3.54 | 3.34 | 3.30 | 3.52 | 4.08 | 4.00 | 4.37 | 4.57 | 3.15 | 2.50 | 1.47 |
| | -7.44 | -6.38 | -5.37 | -6.74 | -6.32 | -5.86 | -0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.52 | 0.00 | 0.00 | -0.96 | -0.50 | 0.00 | -0.58 | -0.29 | 0.00 | -0.29 | -9.49 |
| N.Y.C. | 22.09 | 19.44 | 17.45 | 17.07 | 18.20 | 18.92 | 26.24 | 32.89 | 39.10 | 41.16 | 41.82 | 41.81 | 42.31 | 41.57 | 40.81 | 40.65 | 40.96 | 41.37 | 40.77 | 40.44 | 40.80 | 36.87 | 28.91 | 26.23 |
| 61761 | 1.65 | 1.47 | 1.34 | 1.15 | 1.32 | 1.44 | 3.00 | 3.69 | 4.18 | 4.38 | 4.36 | 4.28 | 4.18 | 3.78 | 3.57 | 3.56 | 3.74 | 4.34 | 4.26 | 4.64 | 4.85 | 3.43 | 2.74 | 1.62 |
| | -7.33 | -6.29 | -5.28 | -6.63 | -6.22 | -5.77 | -0.12 | -0.35 | -3.24 | -4.11 | -4.71 | -5.83 | -7.20 | -10.16 | -10.96 | -11.13 | -10.10 | -5.60 | -4.73 | -1.66 | -0.30 | -8.04 | -5.87 | -11.94 |
| NORTH | 11.26 | 11.02 | 9.49 | 8.77 | 10.02 | 10.51 | 19.23 | 27.20 | 29.84 | 23.00 | 30.81 | 29.79 | 29.12 | 25.99 | 9.73 | 9.09 | 7.82 | 7.55 | 10.38 | 13.57 | 10.00 | 10.00 | 14.07 | 11.92 |
| 61755 | -0.75 | -0.67 | -0.64 | -0.53 | -0.64 | -0.70 | -1.39 | -1.64 | -1.84 | -1.96 | -1.93 | -1.90 | -1.83 | -1.63 | -1.58 | -1.53 | -1.63 | -1.88 | -1.94 | -2.08 | -2.18 | -1.55 | -1.26 | -0.75 |
| | 1.10 | 0.00 | 0.70 | 0.00 | 0.00 | 0.49 | 2.50 | 0.00 | 0.00 | 7.71 | 0.01 | 0.01 | 0.00 | 0.01 | 14.97 | 15.34 | 17.67 | 22.00 | 19.46 | 18.48 | 23.48 | 13.85 | 4.97 | 0.00 |
| NPX | 23.05 | 20.24 | 18.12 | 18.10 | 19.08 | 19.66 | 25.20 | 31.18 | 34.31 | 35.41 | 35.44 | 34.30 | 33.54 | 30.80 | 28.53 | 28.19 | 29.95 | 34.40 | 34.48 | 37.39 | 38.88 | 27.56 | 22.46 | 25.03 |
| 61845 | 1.05 | 0.93 | 0.88 | 0.75 | 0.86 | 0.95 | 1.94 | 2.34 | 2.63 | 2.74 | 2.69 | 2.60 | 2.60 | 2.35 | 2.26 | 2.23 | 2.30 | 2.70 | 2.70 | 2.94 | 3.07 | 2.16 | 1.81 | 1.04 |
| | -8.89 | -7.63 | -6.41 | -8.05 | -7.55 | -7.00 | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.83 | 0.00 | 0.00 | -0.52 | -0.27 | 0.00 | -0.32 | -0.16 | 0.00 | -0.35 | -11.32 |

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|---------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| O H 61846 | 13.85 -0.43 -1.17 | 12.35 -0.34 -1.01 | 11.43 -0.25 -0.85 | 10.13 -0.23 -1.06 | 11.43 -0.23 -1.00 | 12.34 -0.29 -0.92 | 22.10 -1.04 -0.02 | 27.49 -1.36 0.00 | 29.72 -1.96 0.00 | 30.38 -2.19 0.10 | 30.39 -2.16 0.20 | 27.75 -2.09 1.86 | 25.83 -2.07 3.04 | 25.83 -1.80 0.00 | 24.32 -1.65 0.30 | 24.18 -1.58 0.20 | 25.63 -1.49 0.00 | 29.51 -1.92 0.00 | 29.84 -1.94 0.00 | 32.16 -1.98 0.00 | 33.45 -2.21 0.00 | 24.13 -1.27 0.00 | 19.37 -0.97 -0.04 | 13.61 -0.39 -1.33 |
| PJM 61847 | 17.43 0.45 -3.87 | 15.41 0.41 -3.32 | 14.03 0.41 -2.79 | 13.14 0.34 -3.51 | 14.37 0.42 -3.29 | 15.19 0.43 -3.05 | 23.87 0.69 -0.06 | 29.71 0.86 0.00 | 32.47 0.79 0.00 | 33.42 0.75 0.00 | 33.47 0.72 0.00 | 32.43 0.73 0.00 | 31.65 0.71 0.00 | 28.84 0.69 -0.52 | 26.93 0.66 0.00 | 26.63 0.67 0.00 | 28.27 0.81 -0.33 | 32.45 0.85 -0.17 | 32.58 0.79 0.00 | 35.26 0.92 -0.20 | 36.68 0.93 -0.10 | 26.19 0.79 0.00 | 21.10 0.65 -0.15 | 17.98 0.47 -4.85 |
| WEST 61752 | 14.07 -0.20 -1.15 | 12.54 -0.13 -0.99 | 11.61 -0.05 -0.83 | 10.27 -0.06 -1.04 | 11.60 -0.04 -0.98 | 12.54 -0.07 -0.91 | 22.53 -0.60 -0.02 | 28.10 -0.75 0.00 | 30.41 -1.27 0.00 | 31.23 -1.44 0.00 | 31.34 -1.41 0.00 | 30.31 -1.39 0.00 | 29.55 -1.39 0.00 | 26.47 -1.16 0.00 | 25.25 -1.03 0.00 | 25.00 -0.96 0.00 | 26.23 -0.89 0.00 | 30.17 -1.26 0.00 | 30.51 -1.27 0.00 | 32.88 -1.26 0.00 | 34.16 -1.50 0.00 | 24.64 -0.76 0.00 | 19.75 -0.59 -0.04 | 13.80 -0.18 -1.31 |