

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/21/2017

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| CAPITL | 28.22 | 25.50 | 24.61 | 25.19 | 26.67 | 28.60 | 31.79 | 34.41 | 32.34 | 33.20 | 31.85 | 29.93 | 28.29 | 27.30 | 27.11 | 26.98 | 29.54 | 38.16 | 42.20 | 37.77 | 32.11 | 27.84 | 26.29 | 25.86 |
| 61757 | 1.23 | 1.19 | 1.16 | 1.17 | 1.17 | 1.37 | 1.76 | 1.87 | 2.10 | 2.04 | 1.85 | 1.73 | 1.68 | 1.61 | 1.58 | 1.61 | 1.79 | 2.12 | 2.51 | 2.27 | 2.05 | 1.72 | 1.52 | 1.23 |
| | -6.78 | -4.80 | -4.47 | -5.14 | -6.94 | -6.45 | -4.89 | -4.99 | -1.44 | -2.90 | -3.17 | -2.76 | -1.15 | -1.32 | -1.54 | -0.92 | -0.98 | -5.24 | -4.87 | -3.60 | -0.77 | 0.00 | -1.71 | -4.53 |
| CENTRL | 21.22 | 20.29 | 19.75 | 19.75 | 19.70 | 21.92 | 26.15 | 28.56 | 29.22 | 28.90 | 27.48 | 25.97 | 25.81 | 24.68 | 24.37 | 24.78 | 27.15 | 31.82 | 35.75 | 32.73 | 29.74 | 26.43 | 23.45 | 20.96 |
| 61754 | 0.22 | 0.21 | 0.25 | 0.26 | 0.32 | 0.37 | 0.43 | 0.41 | 0.26 | 0.28 | 0.27 | 0.20 | 0.20 | 0.15 | 0.19 | 0.22 | 0.27 | 0.40 | 0.35 | 0.38 | 0.35 | 0.31 | 0.18 | 0.32 |
| | -0.80 | -0.57 | -0.53 | -0.61 | -0.82 | -0.76 | -0.58 | -0.60 | -0.17 | -0.35 | -0.38 | -0.33 | -0.14 | -0.16 | -0.18 | -0.11 | -0.12 | -0.63 | -0.59 | -0.43 | -0.09 | 0.00 | -0.21 | -0.54 |
| DUNWOD | 27.04 | 24.83 | 24.02 | 24.39 | 25.36 | 27.34 | 31.11 | 34.04 | 33.04 | 33.64 | 32.37 | 30.51 | 29.33 | 28.22 | 27.95 | 28.04 | 30.68 | 38.38 | 42.47 | 38.34 | 33.24 | 29.07 | 26.69 | 25.34 |
| 61760 | 1.76 | 1.72 | 1.69 | 1.66 | 1.60 | 1.72 | 2.31 | 2.75 | 3.17 | 3.19 | 3.16 | 3.00 | 3.00 | 2.85 | 2.81 | 2.91 | 3.18 | 3.66 | 4.00 | 3.73 | 3.37 | 2.95 | 2.35 | 1.85 |
| | -5.08 | -3.60 | -3.35 | -3.85 | -5.20 | -4.83 | -3.66 | -3.74 | -1.08 | -2.17 | -2.38 | -2.07 | -0.86 | -0.99 | -1.15 | -0.69 | -0.74 | -3.93 | -3.65 | -2.69 | -0.58 | 0.00 | -1.28 | -3.39 |
| GENESE | 20.48 | 19.65 | 19.16 | 19.14 | 19.07 | 21.33 | 25.35 | 27.61 | 28.21 | 27.84 | 26.44 | 25.02 | 24.89 | 23.72 | 23.44 | 23.90 | 26.27 | 30.77 | 34.59 | 31.74 | 28.84 | 25.62 | 22.67 | 20.40 |
| 61753 | -0.36 | -0.31 | -0.25 | -0.23 | -0.15 | -0.06 | -0.25 | -0.41 | -0.72 | -0.71 | -0.70 | -0.69 | -0.69 | -0.78 | -0.70 | -0.64 | -0.59 | -0.52 | -0.70 | -0.51 | -0.53 | -0.50 | -0.55 | -0.14 |
| | -0.64 | -0.46 | -0.42 | -0.49 | -0.66 | -0.61 | -0.47 | -0.48 | -0.14 | -0.28 | -0.30 | -0.26 | -0.11 | -0.13 | -0.15 | -0.09 | -0.09 | -0.50 | -0.47 | -0.34 | -0.07 | 0.00 | -0.16 | -0.44 |
| H Q | 16.03 | 16.03 | 13.88 | 13.88 | 13.88 | 16.03 | 22.55 | 26.63 | 27.81 | 27.28 | 25.87 | 24.55 | 23.55 | 23.55 | 21.40 | 21.40 | 25.80 | 29.69 | 33.64 | 30.79 | 28.24 | 25.15 | 22.25 | 19.40 |
| 61844 | -0.67 | -0.64 | -0.65 | -0.64 | -0.65 | -0.73 | -0.88 | -0.91 | -0.98 | -0.99 | -0.96 | -0.89 | -0.87 | -0.83 | -0.86 | -0.88 | -0.96 | -1.11 | -1.18 | -1.12 | -1.05 | -0.97 | -0.81 | -0.70 |
| | 3.50 | 2.84 | 4.46 | 4.36 | 4.03 | 4.02 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 0.00 | 1.73 | 2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HUD VL | 27.13 | 24.91 | 24.10 | 24.47 | 25.44 | 27.47 | 31.27 | 34.18 | 33.13 | 33.70 | 32.38 | 30.51 | 29.28 | 28.17 | 27.93 | 28.02 | 30.68 | 38.45 | 42.55 | 38.31 | 33.18 | 29.04 | 26.67 | 25.35 |
| 61758 | 1.84 | 1.79 | 1.77 | 1.74 | 1.67 | 1.85 | 2.47 | 2.89 | 3.25 | 3.25 | 3.16 | 3.00 | 2.95 | 2.80 | 2.78 | 2.88 | 3.18 | 3.72 | 4.07 | 3.70 | 3.31 | 2.92 | 2.33 | 1.85 |
| | -5.09 | -3.60 | -3.36 | -3.85 | -5.20 | -4.84 | -3.67 | -3.75 | -1.08 | -2.17 | -2.38 | -2.08 | -0.86 | -0.99 | -1.15 | -0.69 | -0.74 | -3.93 | -3.66 | -2.70 | -0.58 | 0.00 | -1.28 | -3.40 |
| LONGIL | 27.75 | 25.53 | 24.71 | 25.00 | 26.01 | 28.16 | 37.46 | 37.57 | 37.53 | 37.79 | 35.56 | 33.03 | 31.30 | 29.83 | 29.60 | 30.85 | 33.06 | 51.89 | 62.73 | 49.13 | 43.57 | 33.98 | 28.03 | 26.75 |
| 61762 | 2.46 | 2.42 | 2.37 | 2.26 | 2.25 | 2.53 | 3.29 | 3.80 | 4.17 | 4.18 | 3.97 | 3.76 | 3.85 | 3.66 | 3.60 | 3.74 | 4.01 | 4.62 | 5.15 | 4.79 | 4.33 | 3.79 | 3.16 | 2.65 |
| | -5.09 | -3.61 | -3.36 | -3.86 | -5.20 | -4.84 | -9.03 | -6.22 | -4.56 | -5.33 | -4.76 | -3.83 | -1.99 | -1.79 | -2.01 | -2.66 | -2.29 | -16.47 | -22.76 | -12.43 | -9.94 | -4.07 | -1.82 | -3.99 |
| MHK VL | 21.71 | 20.72 | 20.14 | 20.12 | 20.05 | 22.22 | 26.63 | 29.20 | 29.92 | 29.57 | 28.07 | 26.55 | 26.40 | 25.30 | 24.93 | 25.30 | 27.61 | 32.39 | 36.69 | 33.39 | 30.33 | 26.90 | 23.85 | 21.23 |
| 61756 | 0.56 | 0.55 | 0.53 | 0.53 | 0.52 | 0.54 | 0.86 | 1.02 | 0.95 | 0.93 | 0.83 | 0.76 | 0.79 | 0.76 | 0.74 | 0.73 | 0.72 | 0.92 | 1.25 | 1.02 | 0.94 | 0.78 | 0.58 | 0.50 |
| | -0.95 | -0.67 | -0.62 | -0.72 | -0.97 | -0.90 | -0.64 | -0.64 | -0.18 | -0.37 | -0.40 | -0.35 | -0.15 | -0.17 | -0.20 | -0.12 | -0.13 | -0.67 | -0.62 | -0.46 | -0.10 | 0.00 | -0.22 | -0.62 |
| MILLWD | 27.13 | 24.92 | 24.09 | 24.48 | 25.46 | 27.43 | 31.23 | 34.13 | 33.08 | 33.69 | 32.42 | 30.53 | 29.29 | 28.18 | 27.91 | 28.00 | 30.66 | 38.46 | 42.65 | 38.43 | 33.30 | 29.04 | 26.68 | 25.34 |
| 61759 | 1.80 | 1.78 | 1.73 | 1.72 | 1.65 | 1.77 | 2.39 | 2.81 | 3.20 | 3.22 | 3.19 | 3.00 | 2.95 | 2.80 | 2.76 | 2.86 | 3.16 | 3.69 | 4.14 | 3.80 | 3.43 | 2.92 | 2.33 | 1.81 |
| | -5.13 | -3.63 | -3.38 | -3.89 | -5.25 | -4.88 | -3.70 | -3.78 | -1.09 | -2.19 | -2.40 | -2.09 | -0.87 | -1.00 | -1.16 | -0.69 | -0.74 | -3.97 | -3.69 | -2.72 | -0.58 | 0.00 | -1.30 | -3.43 |
| N.Y.C. | 27.25 | 25.04 | 24.22 | 24.56 | 25.49 | 27.44 | 31.24 | 34.29 | 33.39 | 33.95 | 32.70 | 30.81 | 29.64 | 28.54 | 28.26 | 28.36 | 31.00 | 38.76 | 42.90 | 38.70 | 33.59 | 29.39 | 26.99 | 25.53 |
| 61761 | 1.96 | 1.93 | 1.88 | 1.83 | 1.73 | 1.83 | 2.44 | 3.00 | 3.51 | 3.51 | 3.49 | 3.31 | 3.31 | 3.17 | 3.12 | 3.23 | 3.50 | 4.03 | 4.42 | 4.09 | 3.72 | 3.26 | 2.65 | 2.03 |
| | -5.09 | -3.60 | -3.35 | -3.85 | -5.20 | -4.83 | -3.66 | -3.74 | -1.08 | -2.17 | -2.38 | -2.07 | -0.86 | -0.99 | -1.15 | -0.69 | -0.74 | -3.93 | -3.66 | -2.70 | -0.58 | 0.00 | -1.28 | -3.39 |
| NORTH | 19.33 | 18.63 | 18.09 | 17.99 | 17.63 | 19.79 | 24.01 | 26.39 | 27.47 | 26.94 | 25.49 | 24.17 | 24.27 | 23.21 | 22.74 | 23.15 | 25.29 | 29.07 | 33.25 | 30.25 | 27.68 | 24.63 | 21.81 | 19.00 |
| 61755 | -0.87 | -0.88 | -0.89 | -0.89 | -0.93 | -1.00 | -1.13 | -1.16 | -1.32 | -1.33 | -1.34 | -1.27 | -1.20 | -1.17 | -1.25 | -1.30 | -1.47 | -1.72 | -1.57 | -1.66 | -1.61 | -1.49 | -1.25 | -1.11 |
| | 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 | 27.53 | 25.04 | 24.19 | 24.67 | 25.94 | 27.88 | 31.26 | 33.96 | 32.29 | 33.02 | 31.77 | 29.93 | 28.52 | 27.50 | 27.30 | 27.24 | 29.80 | 38.00 | 42.00 | 37.72 | 32.38 | 28.21 | 26.28 | 25.49 |
| 61845 | 1.31 | 1.27 | 1.23 | 1.23 | 1.22 | 1.37 | 1.79 | 1.98 | 2.22 | 2.18 | 2.12 | 2.04 | 2.04 | 1.95 | 1.94 | 1.98 | 2.17 | 2.55 | 2.86 | 2.62 | 2.40 | 2.09 | 1.71 | 1.37 |
| | -6.02 | -4.26 | -3.97 | -4.56 | -6.16 | -5.72 | -4.34 | -4.43 | -1.28 | -2.57 | -2.81 | -2.45 | -1.02 | -1.17 | -1.36 | -0.81 | -0.87 | -4.65 | -4.32 | -3.19 | -0.68 | 0.00 | -1.52 | -4.02 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 20.19 | 19.36 | 18.88 | 18.91 | 18.90 | 21.04 | 24.63 | 26.67 | 26.99 | 26.78 | 25.44 | 24.09 | 23.83 | 22.77 | 22.51 | 23.00 | 25.39 | 29.77 | 33.04 | 30.49 | 27.72 | 24.76 | 22.01 | 20.14 |
| | -0.87 | -0.76 | -0.66 | -0.62 | -0.54 | -0.56 | -1.13 | -1.51 | -1.99 | -1.87 | -1.80 | -1.70 | -1.78 | -1.78 | -1.68 | -1.57 | -1.50 | -1.69 | -2.40 | -1.88 | -1.67 | -1.36 | -1.27 | -0.54 |
| | -0.86 | -0.61 | -0.57 | -0.65 | -0.88 | -0.82 | -0.62 | -0.64 | -0.18 | -0.37 | -0.41 | -0.35 | -0.15 | -0.17 | -0.20 | -0.12 | -0.13 | -0.67 | -0.62 | -0.46 | -0.10 | 0.00 | -0.22 | -0.58 |
| PJM 61847 | 23.36 | 21.87 | 21.27 | 21.48 | 21.95 | 24.00 | 27.74 | 30.24 | 29.94 | 30.08 | 28.78 | 27.13 | 26.46 | 25.39 | 25.12 | 25.42 | 27.87 | 33.79 | 37.49 | 34.12 | 30.35 | 26.80 | 24.21 | 22.54 |
| | 0.32 | 0.35 | 0.42 | 0.45 | 0.48 | 0.52 | 0.55 | 0.61 | 0.55 | 0.59 | 0.62 | 0.54 | 0.51 | 0.46 | 0.48 | 0.59 | 0.69 | 0.80 | 0.63 | 0.70 | 0.73 | 0.68 | 0.44 | 0.54 |
| | -2.84 | -2.01 | -1.87 | -2.15 | -2.90 | -2.70 | -2.04 | -2.09 | -0.60 | -1.21 | -1.33 | -1.16 | -0.48 | -0.55 | -0.64 | -0.38 | -0.41 | -2.20 | -2.04 | -1.51 | -0.32 | 0.00 | -0.72 | -1.90 |
| WEST 61752 | 20.54 | 19.70 | 19.22 | 19.22 | 19.20 | 21.42 | 25.11 | 27.19 | 27.56 | 27.36 | 25.99 | 24.58 | 24.31 | 23.25 | 22.96 | 23.44 | 25.89 | 30.36 | 33.72 | 31.11 | 28.31 | 25.23 | 22.39 | 20.52 |
| | -0.48 | -0.39 | -0.30 | -0.28 | -0.20 | -0.14 | -0.63 | -0.96 | -1.41 | -1.27 | -1.23 | -1.20 | -1.30 | -1.29 | -1.22 | -1.12 | -0.99 | -1.08 | -1.71 | -1.25 | -1.08 | -0.89 | -0.88 | -0.14 |
| | -0.82 | -0.58 | -0.54 | -0.62 | -0.84 | -0.78 | -0.60 | -0.62 | -0.18 | -0.36 | -0.39 | -0.34 | -0.14 | -0.16 | -0.19 | -0.11 | -0.12 | -0.65 | -0.60 | -0.44 | -0.09 | 0.00 | -0.21 | -0.55 |