

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/20/2019

| 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 | 27.13 | 26.13 | 25.51 | 24.19 | 23.60 | 24.00 | 24.45 | 23.80 | 26.85 | 30.43 | 33.87 | 37.40 | 41.50 | 45.91 | 52.00 | 58.14 | 60.76 | 60.14 | 50.90 | 41.83 | 45.78 | 44.91 | 35.82 | 33.33 |
| 61757 | 1.94 | 1.62 | 1.46 | 1.40 | 1.45 | 1.40 | 1.49 | 1.73 | 2.24 | 2.55 | 2.84 | 3.28 | 3.64 | 4.06 | 4.55 | 4.69 | 4.84 | 4.95 | 4.29 | 3.52 | 3.36 | 3.11 | 2.61 | 1.98 |
| | -2.94 | -5.67 | -6.31 | -5.55 | -4.69 | -5.69 | -4.74 | -1.95 | 0.00 | -0.12 | -0.16 | 0.00 | 0.00 | 0.00 | 0.00 | -0.12 | -0.24 | -0.25 | 0.00 | 0.00 | -8.12 | -10.05 | -5.40 | -8.56 |
| CENTRL | 24.35 | 20.53 | 18.88 | 18.66 | 18.35 | 17.88 | 19.13 | 21.10 | 25.91 | 29.49 | 33.17 | 37.09 | 40.93 | 45.37 | 51.65 | 58.95 | 61.85 | 61.14 | 51.19 | 41.62 | 37.57 | 34.65 | 29.94 | 24.57 |
| 61754 | 0.49 | 0.40 | 0.35 | 0.31 | 0.31 | 0.27 | 0.33 | 0.42 | 0.54 | 0.53 | 0.59 | 0.65 | 0.53 | 0.59 | 0.57 | 0.75 | 0.78 | 0.66 | 0.51 | 0.38 | 0.41 | 0.41 | 0.36 | 0.34 |
| | -1.61 | -1.29 | -0.78 | -1.11 | -0.58 | -0.70 | -0.58 | -0.56 | -0.76 | -1.21 | -1.71 | -2.32 | -2.54 | -2.93 | -3.64 | -4.88 | -5.40 | -5.53 | -4.07 | -2.93 | -2.86 | -2.49 | -1.77 | -1.44 |
| DUNWOD | 27.16 | 25.29 | 24.52 | 23.38 | 22.95 | 23.06 | 23.85 | 24.02 | 27.64 | 31.69 | 35.32 | 38.05 | 42.18 | 46.71 | 53.37 | 61.11 | 69.38 | 68.77 | 52.76 | 43.17 | 41.76 | 39.68 | 36.17 | 31.88 |
| 61760 | 2.74 | 2.26 | 2.11 | 2.03 | 2.02 | 1.94 | 2.13 | 2.45 | 3.03 | 3.27 | 3.61 | 3.92 | 4.31 | 4.85 | 5.93 | 7.15 | 7.41 | 7.37 | 6.15 | 4.87 | 4.18 | 3.87 | 3.48 | 2.76 |
| | -2.17 | -4.19 | -4.66 | -4.10 | -3.47 | -4.21 | -3.50 | -1.44 | 0.00 | -0.65 | -0.83 | 0.00 | 0.00 | 0.00 | 0.00 | -0.64 | -6.30 | -6.46 | 0.00 | 0.00 | -3.28 | -4.06 | -4.88 | -6.33 |
| GENESE | 22.64 | 19.45 | 18.39 | 17.71 | 17.85 | 17.34 | 18.54 | 20.38 | 24.83 | 26.87 | 29.42 | 31.92 | 34.24 | 37.48 | 41.54 | 48.65 | 51.96 | 51.14 | 42.86 | 35.10 | 31.87 | 30.17 | 27.24 | 23.44 |
| 61753 | 0.11 | 0.08 | 0.05 | -0.05 | -0.05 | -0.10 | -0.13 | 0.08 | 0.22 | 0.14 | 0.16 | 0.31 | -0.04 | -0.04 | -0.19 | -0.05 | -0.06 | -0.22 | -0.42 | -0.46 | -0.45 | -0.38 | -0.42 | -0.16 |
| | -0.28 | -0.53 | -0.59 | -0.52 | -0.44 | -0.53 | -0.45 | -0.18 | 0.00 | 1.03 | 1.62 | 2.51 | 3.59 | 4.34 | 5.71 | 4.62 | 3.65 | 3.59 | 3.33 | 2.75 | 1.98 | 1.20 | 0.15 | -0.80 |
| H Q | 19.11 | 16.69 | 16.34 | 15.56 | 16.76 | 16.25 | 17.51 | 19.32 | 23.63 | 26.73 | 29.74 | 32.86 | 36.54 | 40.43 | 45.73 | 51.41 | 53.67 | 52.97 | 44.94 | 36.93 | 32.60 | 30.00 | 26.78 | 21.97 |
| 61844 | -0.91 | -0.77 | -0.73 | -0.71 | -0.70 | -0.66 | -0.71 | -0.81 | -0.99 | -1.03 | -1.14 | -1.26 | -1.33 | -1.42 | -1.71 | -1.92 | -2.00 | -1.98 | -1.68 | -1.38 | -1.23 | -1.17 | -1.03 | -0.82 |
| | 2.23 | 1.37 | 0.67 | 0.98 | 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 | 0.46 | 0.57 | 0.00 | 0.00 |
| HUD VL | 26.76 | 24.97 | 24.21 | 23.10 | 22.68 | 22.78 | 23.56 | 23.66 | 27.15 | 30.07 | 33.40 | 37.57 | 41.69 | 46.17 | 52.66 | 59.02 | 66.93 | 66.25 | 52.06 | 42.56 | 41.42 | 39.40 | 33.88 | 31.43 |
| 61758 | 2.36 | 1.98 | 1.85 | 1.79 | 1.78 | 1.71 | 1.88 | 2.11 | 2.54 | 2.80 | 3.15 | 3.45 | 3.82 | 4.31 | 5.22 | 6.18 | 6.34 | 6.26 | 5.45 | 4.25 | 3.74 | 3.46 | 3.06 | 2.37 |
| | -2.15 | -4.15 | -4.62 | -4.07 | -3.44 | -4.17 | -3.47 | -1.43 | 0.00 | 0.50 | 0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | -4.92 | -5.04 | 0.00 | 0.00 | -3.39 | -4.19 | -3.01 | -6.27 |
| LONGIL | 36.50 | 35.35 | 30.42 | 28.37 | 27.73 | 28.14 | 28.70 | 32.64 | 34.47 | 44.00 | 58.39 | 115.38 | 160.13 | 200.00 | 184.81 | 185.07 | 220.00 | 200.00 | 175.00 | 119.02 | 80.00 | 68.97 | 65.00 | 38.66 |
| 61762 | 3.60 | 3.00 | 2.77 | 2.67 | 2.69 | 2.57 | 2.80 | 3.22 | 3.99 | 4.36 | 4.63 | 4.98 | 5.45 | 5.94 | 7.11 | 8.42 | 8.79 | 8.79 | 7.64 | 6.09 | 5.28 | 4.98 | 4.67 | 3.76 |
| | -10.65 | -13.51 | -9.91 | -8.46 | -7.58 | -8.66 | -7.68 | -9.30 | -5.87 | -11.88 | -22.88 | -76.27 | -116.81 | -152.20 | -130.25 | -123.32 | -155.53 | -136.26 | -120.74 | -74.62 | -40.43 | -32.24 | -32.52 | -12.12 |
| MHK VL | 23.48 | 20.12 | 19.04 | 18.43 | 18.54 | 18.14 | 19.38 | 21.18 | 25.80 | 29.32 | 32.66 | 36.29 | 40.43 | 44.86 | 50.81 | 57.14 | 60.23 | 59.49 | 49.89 | 40.98 | 36.60 | 33.79 | 30.07 | 24.96 |
| 61756 | 0.69 | 0.55 | 0.48 | 0.47 | 0.47 | 0.49 | 0.55 | 0.62 | 0.76 | 0.97 | 1.14 | 1.37 | 1.59 | 1.76 | 1.85 | 2.08 | 2.23 | 2.14 | 1.77 | 1.57 | 1.41 | 1.27 | 1.08 | 0.84 |
| | -0.54 | -0.74 | -0.82 | -0.72 | -0.61 | -0.74 | -0.61 | -0.43 | -0.42 | -0.58 | -0.64 | -0.80 | -0.98 | -1.25 | -1.52 | -1.74 | -2.33 | -2.40 | -1.51 | -1.10 | -0.90 | -0.77 | -1.18 | -1.33 |
| MILLWD | 27.00 | 25.21 | 24.41 | 23.29 | 22.82 | 22.94 | 23.73 | 23.89 | 27.47 | 31.34 | 34.93 | 37.88 | 42.03 | 46.54 | 53.13 | 60.51 | 68.92 | 68.26 | 52.53 | 42.90 | 41.64 | 39.59 | 35.71 | 31.74 |
| 61759 | 2.56 | 2.15 | 1.97 | 1.91 | 1.87 | 1.79 | 1.99 | 2.31 | 2.85 | 3.11 | 3.46 | 3.75 | 4.17 | 4.69 | 5.69 | 6.72 | 7.07 | 6.98 | 5.92 | 4.59 | 4.01 | 3.71 | 3.28 | 2.57 |
| | -2.19 | -4.22 | -4.70 | -4.14 | -3.49 | -4.24 | -3.53 | -1.45 | 0.00 | -0.47 | -0.60 | 0.00 | 0.00 | 0.00 | 0.00 | -0.46 | -6.17 | -6.33 | 0.00 | 0.00 | -3.34 | -4.13 | -4.62 | -6.38 |
| N.Y.C. | 34.72 | 29.40 | 24.97 | 24.13 | 23.30 | 23.43 | 24.23 | 24.73 | 30.30 | 33.44 | 43.50 | 42.97 | 45.63 | 49.50 | 55.21 | 61.75 | 71.63 | 75.00 | 56.50 | 47.00 | 48.00 | 43.86 | 41.10 | 38.30 |
| 61761 | 3.03 | 2.49 | 2.31 | 2.21 | 2.22 | 2.11 | 2.31 | 2.70 | 3.32 | 3.58 | 3.95 | 4.23 | 4.58 | 5.06 | 6.16 | 7.25 | 7.57 | 7.47 | 6.43 | 5.06 | 4.46 | 4.22 | 3.81 | 3.05 |
| | -9.44 | -8.07 | -4.92 | -4.68 | -3.62 | -4.41 | -3.70 | -1.91 | -2.37 | -2.10 | -8.67 | -4.61 | -3.19 | -2.58 | -1.60 | -1.17 | -8.39 | -12.58 | -3.45 | -3.64 | -9.25 | -7.89 | -9.48 | -12.46 |
| NORTH | 14.45 | 13.69 | 12.87 | 13.32 | 16.34 | 15.91 | 17.09 | 18.89 | 23.14 | 26.37 | 29.40 | 32.52 | 36.28 | 40.18 | 45.35 | 50.93 | 53.17 | 52.48 | 44.47 | 36.51 | 31.86 | 29.09 | 26.28 | 21.65 |
| 61755 | -1.49 | -1.26 | -1.22 | -1.16 | -1.12 | -1.00 | -1.13 | -1.23 | -1.48 | -1.39 | -1.48 | -1.60 | -1.59 | -1.68 | -2.09 | -2.40 | -2.50 | -2.47 | -2.14 | -1.80 | -1.65 | -1.68 | -1.53 | -1.14 |
| | 6.32 | 3.89 | 3.65 | 2.77 | 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 | 0.79 | 0.98 | 0.00 | 0.00 |
| NPX | 26.75 | 25.39 | 24.73 | 23.53 | 23.02 | 23.29 | 23.90 | 27.48 | 27.20 | 31.43 | 35.73 | 39.41 | 43.17 | 47.41 | 51.66 | 62.39 | 63.65 | 63.00 | 58.65 | 50.93 | 45.85 | 41.18 | 35.26 | 32.21 |
| 61845 | 1.96 | 1.64 | 1.53 | 1.48 | 1.50 | 1.45 | 1.58 | 1.83 | 2.26 | 2.47 | 2.72 | 2.94 | 3.22 | 3.56 | 4.22 | 4.85 | 4.95 | 4.95 | 4.29 | 3.45 | 3.09 | 2.89 | 2.56 | 2.01 |
| | -2.54 | -4.91 | -5.46 | -4.81 | -4.06 | -4.92 | -4.10 | -5.53 | -0.32 | -1.20 | -2.13 | -2.35 | -2.09 | -2.00 | 0.00 | -4.21 | -3.02 | -3.10 | -7.75 | -9.18 | -8.47 | -6.54 | -4.89 | -7.41 |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OH 61846 | 22.38 | 19.35 | 18.35 | 17.65 | 17.79 | 17.29 | 18.40 | 20.25 | 24.42 | 26.21 | 27.90 | 29.75 | 32.45 | 35.91 | 39.60 | 41.63 | 41.89 | 40.77 | 36.51 | 32.39 | 30.37 | 29.32 | 26.43 | 23.03 |
| | -0.24 | -0.21 | -0.19 | -0.29 | -0.26 | -0.34 | -0.42 | -0.12 | -0.20 | -0.50 | -0.65 | -0.75 | -1.29 | -1.51 | -1.99 | -1.81 | -2.00 | -2.31 | -2.19 | -1.95 | -1.68 | -1.46 | -1.39 | -0.84 |
| | -0.37 | -0.72 | -0.80 | -0.70 | -0.59 | -0.72 | -0.60 | -0.25 | 0.00 | 1.05 | 2.33 | 3.63 | 4.13 | 4.44 | 5.85 | 9.88 | 11.78 | 11.87 | 7.91 | 3.97 | 2.24 | 0.97 | -0.01 | -1.08 |
| PJM 61847 | 24.99 | 22.57 | 21.62 | 20.74 | 20.52 | 20.36 | 21.34 | 22.39 | 26.36 | 30.48 | 34.94 | 40.57 | 45.39 | 50.27 | 57.97 | 63.93 | 68.92 | 68.13 | 55.29 | 45.32 | 41.77 | 38.24 | 31.86 | 27.96 |
| | 1.27 | 1.05 | 0.98 | 0.91 | 0.91 | 0.83 | 0.95 | 1.23 | 1.45 | 1.39 | 1.48 | 1.57 | 1.55 | 1.72 | 1.99 | 2.61 | 2.67 | 2.53 | 2.10 | 1.53 | 1.37 | 1.33 | 1.17 | 1.05 |
| | -1.47 | -2.68 | -2.90 | -2.58 | -2.16 | -2.62 | -2.18 | -1.04 | -0.29 | -1.33 | -2.58 | -4.88 | -5.97 | -6.70 | -8.54 | -7.99 | -10.58 | -10.66 | -6.58 | -5.48 | -6.10 | -5.16 | -2.88 | -4.12 |
| WEST 61752 | 22.91 | 19.79 | 18.74 | 18.02 | 18.18 | 17.65 | 18.77 | 20.79 | 25.14 | 35.16 | 44.41 | 55.00 | 63.70 | 71.25 | 85.83 | 110.00 | 119.79 | 119.02 | 90.59 | 59.90 | 50.36 | 41.71 | 32.15 | 23.51 |
| | 0.29 | 0.24 | 0.21 | 0.09 | 0.14 | 0.03 | -0.04 | 0.42 | 0.52 | 0.36 | 0.31 | 0.31 | -0.19 | -0.29 | -0.71 | -0.32 | -0.45 | -0.82 | -0.98 | -1.00 | -0.82 | -0.63 | -0.67 | -0.34 |
| | -0.36 | -0.70 | -0.78 | -0.69 | -0.58 | -0.70 | -0.59 | -0.25 | -0.01 | -7.04 | -13.22 | -20.57 | -26.03 | -29.69 | -39.10 | -56.99 | -64.57 | -64.90 | -44.96 | -22.59 | -16.89 | -10.60 | -5.01 | -1.06 |