

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/19/2022

| 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 61757 | 124.26 | 122.32 | 124.04 | 109.76 | 101.69 | 100.41 | 139.76 | 187.36 | 119.64 | 56.83 | 110.13 | 91.56 | 75.41 | 79.85 | 144.81 | 111.65 | 141.63 | 116.48 | 135.20 | 158.50 | 139.76 | 130.72 | 127.66 | 101.64 |
| | -0.19 | -0.02 | -0.02 | -0.04 | 0.39 | 0.52 | 1.27 | 0.15 | 0.71 | 2.01 | -0.23 | 0.10 | 0.37 | 0.72 | -0.37 | -0.16 | -0.36 | 0.33 | 0.04 | -0.29 | -0.20 | -0.28 | 0.17 | 0.47 |
| | -128.70 | -122.73 | -124.60 | -110.55 | -92.33 | -88.06 | -110.02 | -183.82 | -104.56 | -13.43 | -115.08 | -89.24 | -67.44 | -63.46 | -153.17 | -115.52 | -149.63 | -109.35 | -134.38 | -164.79 | -143.87 | -136.60 | -124.13 | -91.67 |
| CENTRL 61754 | 7.32 | 11.09 | 11.10 | 9.46 | 17.82 | 20.15 | 39.67 | 20.44 | 24.24 | 43.77 | 5.37 | 10.15 | 13.70 | 21.44 | 5.32 | 6.51 | 5.59 | 17.00 | 13.07 | 8.87 | 9.25 | 6.71 | 14.72 | 18.11 |
| | -0.10 | -0.01 | -0.02 | -0.01 | 0.20 | 0.26 | 0.73 | 0.10 | 0.50 | 1.17 | -0.16 | 0.04 | 0.14 | 0.20 | -0.23 | -0.11 | -0.26 | 0.25 | 0.03 | -0.17 | -0.13 | -0.16 | 0.09 | 0.26 |
| | -11.66 | -11.49 | -11.65 | -10.22 | -8.66 | -8.06 | -10.47 | -16.95 | -9.36 | -1.22 | -10.25 | -7.89 | -5.96 | -5.58 | -13.54 | -10.34 | -13.48 | -9.95 | -12.26 | -15.04 | -13.30 | -12.47 | -11.27 | -8.35 |
| DUNWOD 61760 | 71.76 | 78.68 | 80.01 | 69.18 | 69.21 | 67.02 | 103.35 | 117.98 | 77.32 | 53.33 | 62.85 | 55.17 | 48.05 | 54.41 | 81.86 | 65.76 | 80.81 | 72.19 | 80.06 | 90.65 | 82.69 | 75.48 | 76.93 | 64.36 |
| | -0.26 | -0.02 | -0.02 | -0.03 | 0.59 | 0.81 | 2.07 | 0.25 | 1.27 | 3.54 | -0.43 | 0.19 | 0.63 | 1.30 | -0.61 | -0.29 | -0.62 | 0.58 | 0.08 | -0.52 | -0.34 | -0.46 | 0.27 | 0.75 |
| | -76.27 | -79.09 | -80.58 | -69.97 | -59.65 | -54.38 | -72.80 | -114.35 | -61.67 | -8.41 | -68.00 | -52.76 | -39.82 | -37.45 | -90.46 | -69.77 | -89.07 | -64.81 | -79.20 | -97.17 | -86.94 | -81.55 | -73.30 | -54.11 |
| GENESE 61753 | 4.96 | 8.75 | 8.72 | 7.40 | 15.93 | 18.31 | 36.92 | 16.87 | 22.38 | 43.31 | 3.31 | 8.54 | 12.35 | 19.98 | 2.72 | 4.47 | 2.91 | 14.80 | 10.41 | 5.71 | 6.34 | 4.10 | 12.31 | 16.23 |
| | -0.05 | 0.00 | -0.03 | -0.02 | 0.08 | 0.04 | 0.17 | 0.02 | 0.51 | 0.95 | -0.15 | -0.03 | -0.05 | -0.19 | -0.20 | -0.10 | -0.20 | 0.15 | 0.00 | -0.09 | -0.15 | -0.12 | 0.06 | 0.17 |
| | -9.25 | -9.14 | -9.29 | -8.17 | -6.88 | -6.44 | -8.28 | -13.47 | -7.49 | -0.98 | -8.18 | -6.35 | -4.79 | -4.51 | -10.90 | -8.29 | -10.75 | -7.85 | -9.63 | -11.80 | -10.40 | -9.83 | -8.89 | -6.57 |
| H Q 61844 | -4.21 | -0.39 | -0.54 | -0.75 | 9.80 | 11.74 | 28.14 | 3.34 | 14.04 | 40.56 | -4.60 | 2.19 | 7.51 | 15.50 | -7.84 | -3.64 | -7.48 | 6.65 | 0.77 | -5.91 | -3.85 | -5.53 | 3.32 | 9.39 |
| | 0.03 | 0.00 | 0.01 | 0.00 | -0.06 | -0.09 | -0.33 | -0.04 | -0.34 | -0.82 | 0.12 | -0.03 | -0.10 | -0.16 | 0.15 | 0.07 | 0.16 | -0.15 | -0.01 | 0.09 | 0.07 | 0.07 | -0.04 | -0.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 | 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 61758 | 71.15 | 76.66 | 77.91 | 67.68 | 67.75 | 66.23 | 101.33 | 116.01 | 76.97 | 53.22 | 62.14 | 54.61 | 47.57 | 53.94 | 80.88 | 64.68 | 79.87 | 71.70 | 79.56 | 89.94 | 81.57 | 74.66 | 76.39 | 64.04 |
| | -0.29 | -0.02 | -0.03 | -0.04 | 0.64 | 0.88 | 2.24 | 0.27 | 1.30 | 3.61 | -0.43 | 0.18 | 0.62 | 1.28 | -0.62 | -0.30 | -0.66 | 0.63 | 0.08 | -0.56 | -0.37 | -0.50 | 0.29 | 0.79 |
| | -75.68 | -77.07 | -78.48 | -68.48 | -58.14 | -53.53 | -70.62 | -112.36 | -61.30 | -8.23 | -67.30 | -52.21 | -39.34 | -37.00 | -89.49 | -68.70 | -88.18 | -64.28 | -78.70 | -96.50 | -85.85 | -80.76 | -72.73 | -53.75 |
| LONGIL 61762 | 71.76 | 78.72 | 80.06 | 69.21 | 69.44 | 67.37 | 104.06 | 118.15 | 77.56 | 54.06 | 62.84 | 55.25 | 53.89 | 75.44 | 81.80 | 85.26 | 80.75 | 72.38 | 80.12 | 90.61 | 193.88 | 75.49 | 77.05 | 64.60 |
| | -0.32 | -0.03 | -0.04 | -0.06 | 0.78 | 1.11 | 2.73 | 0.32 | 1.47 | 4.27 | -0.50 | 0.22 | 0.79 | 1.63 | -0.74 | -0.37 | -0.76 | 0.72 | 0.08 | -0.64 | -0.43 | -0.60 | 0.34 | 0.95 |
| | -76.33 | -79.15 | -80.63 | -70.02 | -59.70 | -54.43 | -72.86 | -114.45 | -61.72 | -8.42 | -68.06 | -52.81 | -45.49 | -58.15 | -90.53 | -89.34 | -89.15 | -64.86 | -79.26 | -97.24 | -198.23 | -81.69 | -73.36 | -54.15 |
| MHK VL 61756 | 8.95 | 12.83 | 12.95 | 11.16 | 19.33 | 21.69 | 41.64 | 22.54 | 25.39 | 44.51 | 5.58 | 10.35 | 14.12 | 21.99 | 5.51 | 6.64 | 6.18 | 17.46 | 13.75 | 9.65 | 10.23 | 7.80 | 15.93 | 19.10 |
| | -0.15 | -0.01 | 0.00 | -0.02 | 0.31 | 0.43 | 1.19 | 0.15 | 0.66 | 1.83 | -0.22 | 0.10 | 0.33 | 0.67 | -0.36 | -0.16 | -0.39 | 0.37 | 0.04 | -0.29 | -0.19 | -0.25 | 0.14 | 0.39 |
| | -13.35 | -13.23 | -13.49 | -11.94 | -10.05 | -9.43 | -11.99 | -19.01 | -10.35 | -1.29 | -10.52 | -8.04 | -6.19 | -5.66 | -13.85 | -10.51 | -14.21 | -10.29 | -12.93 | -15.94 | -14.33 | -13.66 | -12.43 | -9.20 |
| MILLWD 61759 | 72.11 | 78.85 | 80.18 | 69.38 | 69.36 | 67.23 | 103.48 | 118.37 | 77.63 | 53.37 | 63.22 | 55.45 | 48.25 | 54.58 | 82.31 | 66.05 | 81.20 | 72.49 | 80.45 | 91.12 | 83.04 | 75.84 | 77.29 | 64.63 |
| | -0.26 | -0.02 | -0.03 | -0.04 | 0.60 | 0.82 | 2.09 | 0.25 | 1.26 | 3.54 | -0.43 | 0.19 | 0.62 | 1.27 | -0.61 | -0.29 | -0.62 | 0.59 | 0.08 | -0.52 | -0.34 | -0.47 | 0.28 | 0.75 |
| | -76.61 | -79.27 | -80.75 | -70.17 | -59.79 | -54.57 | -72.92 | -114.74 | -61.99 | -8.44 | -68.37 | -53.05 | -40.03 | -37.65 | -90.90 | -70.06 | -89.46 | -65.11 | -79.59 | -97.64 | -87.30 | -81.91 | -73.65 | -54.38 |
| N.Y.C. 61761 | 71.77 | 78.71 | 80.04 | 69.22 | 69.32 | 67.15 | 103.60 | 118.07 | 78.73 | 56.56 | 80.54 | 79.76 | 75.02 | 68.93 | 85.17 | 91.69 | 95.16 | 96.71 | 91.39 | 93.00 | 87.53 | 77.48 | 77.00 | 64.46 |
| | -0.29 | -0.02 | -0.02 | -0.03 | 0.67 | 0.91 | 2.28 | 0.27 | 1.45 | 3.97 | -0.47 | 0.20 | 0.67 | 1.40 | -0.68 | -0.32 | -0.67 | 0.60 | 0.07 | -0.56 | -0.38 | -0.50 | 0.30 | 0.82 |
| | -76.30 | -79.12 | -80.61 | -70.00 | -59.68 | -54.41 | -72.84 | -114.41 | -62.91 | -11.21 | -85.73 | -77.35 | -66.74 | -51.86 | -93.83 | -95.72 | -103.47 | -89.31 | -90.54 | -99.56 | -91.83 | -83.59 | -73.34 | -54.14 |
| NORTH 61755 | -4.29 | -0.40 | -0.55 | -0.78 | 9.04 | 11.91 | 28.59 | 3.38 | 14.07 | 40.90 | -4.62 | 2.20 | 7.58 | 15.73 | -7.95 | -3.71 | -7.59 | 6.71 | 0.77 | -5.96 | -3.89 | -5.57 | 3.34 | 9.44 |
| | -0.05 | -0.01 | -0.01 | -0.02 | 0.07 | 0.08 | 0.12 | 0.00 | -0.31 | -0.48 | 0.10 | -0.02 | -0.02 | 0.07 | 0.03 | 0.01 | 0.05 | -0.09 | -0.01 | 0.03 | 0.03 | 0.03 | -0.03 | -0.06 |
| | 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 61845 | 96.52 | 80.72 | 82.12 | 75.94 | 71.56 | 76.37 | 98.55 | 135.10 | 91.01 | 52.62 | 85.94 | 72.81 | 61.11 | 66.33 | 112.59 | 83.60 | 108.12 | 92.43 | 106.64 | 123.57 | 104.53 | 101.01 | 101.45 | 82.21 |
| | -0.15 | -0.01 | -0.02 | -0.03 | 0.30 | 0.40 | 0.99 | 0.11 | 0.59 | 1.71 | -0.20 | 0.09 | 0.31 | 0.63 | -0.30 | -0.14 | -0.31 | 0.28 | 0.04 | -0.26 | -0.17 | -0.23 | 0.14 | 0.41 |
| | -100.91 | -81.12 | -82.68 | -76.72 | -62.29 | -64.14 | -69.09 | -131.61 | -76.04 | -9.54 | -90.87 | -70.50 | -53.20 | -50.04 | -120.87 | -87.45 | -116.06 | -85.35 | -105.82 | -129.83 | -108.62 | -106.84 | -97.94 | -72.30 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH 61846 | 6.62 | 10.30 | 10.29 | 8.78 | 16.90 | 19.08 | 37.56 | 21.23 | 23.46 | 44.38 | 4.84 | 9.61 | 13.00 | 20.29 | 4.81 | 6.02 | 4.95 | 15.92 | 12.00 | 7.89 | 8.12 | 5.90 | 13.75 | 17.17 |
| | 0.05 | 0.01 | -0.03 | -0.01 | -0.11 | -0.28 | -0.59 | -0.07 | 0.33 | 0.31 | -0.09 | -0.10 | -0.25 | -0.69 | -0.04 | -0.03 | 0.00 | -0.06 | -0.03 | 0.09 | -0.08 | 0.01 | -0.01 | -0.01 |
| | -10.82 | -10.68 | -10.86 | -9.55 | -8.05 | -7.52 | -9.68 | -17.92 | -8.76 | -2.68 | -9.66 | -7.49 | -5.66 | -5.32 | -12.84 | -9.77 | -12.59 | -9.18 | -11.25 | -13.79 | -12.12 | -11.49 | -10.40 | -7.68 |
| PJM 61847 | 38.90 | 44.28 | 44.95 | 38.80 | 43.92 | 43.07 | 70.71 | 68.27 | 50.35 | 48.52 | 34.97 | 34.16 | 32.59 | 38.59 | 43.24 | 37.63 | 43.66 | 45.81 | 46.67 | 49.09 | 45.52 | 40.56 | 45.14 | 40.70 |
| | -0.16 | -0.01 | -0.03 | -0.02 | 0.36 | 0.43 | 1.17 | 0.15 | 0.85 | 2.15 | -0.30 | 0.09 | 0.31 | 0.56 | -0.41 | -0.19 | -0.36 | 0.34 | 0.04 | -0.27 | -0.22 | -0.27 | 0.16 | 0.47 |
| | -43.30 | -44.69 | -45.52 | -39.57 | -34.60 | -30.80 | -41.08 | -64.74 | -35.13 | -4.99 | -39.99 | -31.85 | -24.68 | -22.38 | -51.63 | -41.54 | -51.66 | -38.66 | -45.84 | -55.36 | -49.65 | -46.43 | -41.63 | -30.73 |
| WEST 61752 | 7.23 | 10.98 | 10.98 | 9.38 | 17.57 | 19.77 | 38.73 | 20.16 | 24.36 | 43.77 | 5.39 | 10.15 | 13.53 | 20.95 | 5.46 | 6.58 | 5.59 | 16.72 | 12.77 | 8.65 | 8.81 | 6.54 | 14.48 | 17.84 |
| | -0.03 | 0.00 | -0.04 | -0.02 | 0.03 | -0.07 | -0.05 | 0.00 | 0.64 | 1.16 | -0.18 | -0.06 | -0.09 | -0.36 | -0.21 | -0.11 | -0.17 | 0.13 | -0.01 | -0.03 | -0.14 | -0.09 | 0.04 | 0.16 |
| | -11.51 | -11.37 | -11.56 | -10.16 | -8.56 | -8.00 | -10.31 | -16.78 | -9.35 | -1.23 | -10.29 | -7.98 | -6.02 | -5.65 | -13.65 | -10.40 | -13.40 | -9.79 | -12.00 | -14.68 | -12.87 | -12.23 | -11.07 | -8.17 |