

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/21/2023

| 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 |
| 59TH STREET_GT_1 | 28.60 | 25.90 | 25.24 | 23.16 | 21.48 | 56.35 | 128.72 | 53.02 | 37.36 | 36.51 | 38.67 | 55.08 | 44.95 | 39.29 | 39.91 | 54.05 | 87.99 | 99.50 | 83.11 | 59.68 | 48.54 | 39.12 | 35.63 | 36.09 |
| 24138 | 2.09 | 1.81 | 1.62 | 1.49 | 1.41 | 1.10 | 1.64 | 2.40 | 1.85 | 2.39 | 2.68 | 4.04 | 3.48 | 3.28 | 3.52 | 4.97 | 5.80 | 6.88 | 6.93 | 4.88 | 3.67 | 2.75 | 2.48 | 2.52 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -40.98 | -104.88 | -18.41 | -10.18 | -0.28 | -0.08 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -25.08 | -23.64 | -0.83 | 0.00 | 0.00 | -0.19 | -0.51 | -0.33 |
| 74TH STREET_GT_1 | 28.65 | 25.96 | 25.28 | 23.20 | 21.53 | 56.37 | 128.72 | 53.05 | 37.38 | 36.51 | 38.68 | 55.13 | 45.05 | 39.35 | 39.99 | 54.18 | 88.13 | 99.75 | 83.39 | 59.92 | 48.69 | 39.27 | 35.79 | 36.21 |
| 24260 | 2.14 | 1.87 | 1.67 | 1.54 | 1.46 | 1.12 | 1.66 | 2.43 | 1.87 | 2.39 | 2.69 | 4.09 | 3.59 | 3.34 | 3.59 | 5.11 | 5.93 | 7.14 | 7.21 | 5.12 | 3.82 | 2.89 | 2.64 | 2.63 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -40.97 | -104.85 | -18.40 | -10.18 | -0.28 | -0.08 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -25.08 | -23.64 | -0.83 | 0.00 | 0.00 | -0.19 | -0.51 | -0.33 |
| 74TH STREET_GT_2 | 28.65 | 25.96 | 25.28 | 23.20 | 21.53 | 56.37 | 128.72 | 53.05 | 37.38 | 36.51 | 38.68 | 55.13 | 45.05 | 39.35 | 39.99 | 54.18 | 88.13 | 99.75 | 83.39 | 59.92 | 48.69 | 39.27 | 35.79 | 36.21 |
| 24261 | 2.14 | 1.87 | 1.67 | 1.54 | 1.46 | 1.12 | 1.66 | 2.43 | 1.87 | 2.39 | 2.69 | 4.09 | 3.59 | 3.34 | 3.59 | 5.11 | 5.93 | 7.14 | 7.21 | 5.12 | 3.82 | 2.89 | 2.64 | 2.63 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -40.97 | -104.85 | -18.40 | -10.18 | -0.28 | -0.08 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -25.08 | -23.64 | -0.83 | 0.00 | 0.00 | -0.19 | -0.51 | -0.33 |
| ADK HUDSON___FALLS | 28.26 | 25.65 | 25.05 | 22.90 | 21.22 | 26.43 | 52.43 | 39.11 | 29.46 | 35.57 | 37.69 | 53.66 | 43.72 | 37.98 | 38.63 | 52.30 | 70.97 | 79.79 | 78.93 | 58.16 | 47.68 | 38.16 | 33.83 | 34.58 |
| 24011 | 1.76 | 1.55 | 1.43 | 1.24 | 1.14 | 0.85 | 1.27 | 1.82 | 1.34 | 1.65 | 1.79 | 2.62 | 2.25 | 2.02 | 2.24 | 3.23 | 3.60 | 4.18 | 4.57 | 3.36 | 2.81 | 2.21 | 1.80 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.32 | -28.96 | -5.08 | -2.79 | -0.08 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | -10.26 | -6.63 | 1.00 | 0.00 | 0.00 | 0.23 | 0.61 | 0.40 |
| ADK RESOURCE___RCVRY | 28.53 | 25.86 | 25.25 | 23.06 | 21.37 | 26.51 | 52.51 | 39.33 | 29.62 | 35.77 | 37.92 | 53.98 | 43.98 | 38.21 | 38.91 | 52.78 | 71.38 | 80.28 | 79.57 | 58.57 | 48.00 | 38.47 | 34.07 | 34.82 |
| 23798 | 2.02 | 1.76 | 1.63 | 1.40 | 1.30 | 0.95 | 1.42 | 2.04 | 1.51 | 1.85 | 2.02 | 2.95 | 2.52 | 2.25 | 2.52 | 3.71 | 4.02 | 4.66 | 5.20 | 3.77 | 3.13 | 2.51 | 2.03 | 1.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.29 | -28.88 | -5.07 | -2.78 | -0.08 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | -10.24 | -6.64 | 0.99 | 0.00 | 0.00 | 0.23 | 0.60 | 0.40 |
| ADK S GLENS___FALLS | 28.26 | 25.65 | 25.05 | 22.90 | 21.22 | 26.43 | 52.43 | 39.11 | 29.46 | 35.57 | 37.69 | 53.66 | 43.72 | 37.98 | 38.63 | 52.30 | 70.97 | 79.79 | 78.93 | 58.16 | 47.68 | 38.16 | 33.83 | 34.58 |
| 24028 | 1.76 | 1.55 | 1.43 | 1.24 | 1.14 | 0.85 | 1.27 | 1.82 | 1.34 | 1.65 | 1.79 | 2.62 | 2.25 | 2.02 | 2.24 | 3.23 | 3.60 | 4.18 | 4.57 | 3.36 | 2.81 | 2.21 | 1.80 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.32 | -28.96 | -5.08 | -2.79 | -0.08 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | -10.26 | -6.63 | 1.00 | 0.00 | 0.00 | 0.23 | 0.61 | 0.40 |
| ADK_NYS___DAM | 28.03 | 25.61 | 25.04 | 22.96 | 21.26 | 28.57 | 57.85 | 39.85 | 29.74 | 35.31 | 37.45 | 53.23 | 43.29 | 37.47 | 38.22 | 51.53 | 71.23 | 76.99 | 76.22 | 57.00 | 46.78 | 37.13 | 32.56 | 33.59 |
| 23527 | 1.53 | 1.52 | 1.42 | 1.30 | 1.19 | 0.86 | 1.25 | 1.60 | 1.10 | 1.38 | 1.54 | 2.20 | 1.83 | 1.54 | 1.82 | 2.46 | 2.63 | 2.67 | 2.90 | 2.20 | 1.91 | 1.41 | 1.16 | 1.17 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -13.44 | -34.39 | -6.04 | -3.31 | -0.09 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | -11.48 | -5.35 | 2.03 | 0.00 | 0.00 | 0.47 | 1.24 | 0.82 |
| AIR_PRODUCTS___DRP | 27.11 | 24.67 | 24.11 | 22.12 | 20.49 | 26.23 | 52.41 | 37.96 | 28.53 | 34.31 | 36.39 | 51.79 | 42.23 | 36.73 | 37.32 | 50.32 | 69.31 | 77.93 | 76.00 | 55.87 | 45.69 | 36.52 | 32.54 | 33.28 |
| 24190 | 0.60 | 0.58 | 0.49 | 0.46 | 0.41 | 0.33 | 0.44 | 0.52 | 0.33 | 0.38 | 0.49 | 0.76 | 0.76 | 0.76 | 0.92 | 1.25 | 1.46 | 1.59 | 1.49 | 1.07 | 0.82 | 0.54 | 0.42 | 0.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.63 | -29.77 | -5.22 | -2.86 | -0.08 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | -10.73 | -7.36 | 0.86 | 0.00 | 0.00 | 0.20 | 0.52 | 0.34 |
| AKWESSNE_115KV_BK | 26.29 | 23.88 | 23.51 | 21.57 | 19.97 | 14.16 | 21.99 | 32.02 | 25.17 | 33.67 | 35.65 | 50.61 | 41.05 | 35.51 | 35.95 | 48.31 | 56.20 | 68.14 | 74.80 | 54.35 | 44.66 | 35.98 | 32.36 | 32.97 |
| 355683 | -0.22 | -0.22 | -0.11 | -0.10 | -0.10 | -0.11 | -0.22 | -0.19 | -0.16 | -0.17 | -0.26 | -0.42 | -0.42 | -0.47 | -0.45 | -0.76 | -0.92 | -0.83 | -0.56 | -0.45 | -0.21 | -0.20 | -0.28 | -0.27 |
| | 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 |
| ALBANY___1 | 27.11 | 24.67 | 24.11 | 22.12 | 20.49 | 26.23 | 52.41 | 37.96 | 28.53 | 34.31 | 36.39 | 51.79 | 42.23 | 36.73 | 37.32 | 50.32 | 69.31 | 77.93 | 76.00 | 55.87 | 45.69 | 36.52 | 32.54 | 33.28 |
| 23571 | 0.60 | 0.58 | 0.49 | 0.46 | 0.41 | 0.33 | 0.44 | 0.52 | 0.33 | 0.38 | 0.49 | 0.76 | 0.76 | 0.76 | 0.92 | 1.25 | 1.46 | 1.59 | 1.49 | 1.07 | 0.82 | 0.54 | 0.42 | 0.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.63 | -29.77 | -5.22 | -2.86 | -0.08 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | -10.73 | -7.36 | 0.86 | 0.00 | 0.00 | 0.20 | 0.52 | 0.34 |
| ALBANY___2 | 27.11 | 24.67 | 24.11 | 22.12 | 20.49 | 26.23 | 52.41 | 37.96 | 28.53 | 34.31 | 36.39 | 51.79 | 42.23 | 36.73 | 37.32 | 50.32 | 69.31 | 77.93 | 76.00 | 55.87 | 45.69 | 36.52 | 32.54 | 33.28 |
| 23572 | 0.60 | 0.58 | 0.49 | 0.46 | 0.41 | 0.33 | 0.44 | 0.52 | 0.33 | 0.38 | 0.49 | 0.76 | 0.76 | 0.76 | 0.92 | 1.25 | 1.46 | 1.59 | 1.49 | 1.07 | 0.82 | 0.54 | 0.42 | 0.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.63 | -29.77 | -5.22 | -2.86 | -0.08 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | -10.73 | -7.36 | 0.86 | 0.00 | 0.00 | 0.20 | 0.52 | 0.34 |
| ALBANY___3 | 27.11 | 24.67 | 24.11 | 22.12 | 20.49 | 26.23 | 52.41 | 37.96 | 28.53 | 34.31 | 36.39 | 51.79 | 42.23 | 36.73 | 37.32 | 50.32 | 69.31 | 77.93 | 76.00 | 55.87 | 45.69 | 36.52 | 32.54 | 33.28 |
| 23573 | 0.60 | 0.58 | 0.49 | 0.46 | 0.41 | 0.33 | 0.44 | 0.52 | 0.33 | 0.38 | 0.49 | 0.76 | 0.76 | 0.76 | 0.92 | 1.25 | 1.46 | 1.59 | 1.49 | 1.07 | 0.82 | 0.54 | 0.42 | 0.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -11.63 | -29.77 | -5.22 | -2.86 | -0.08 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | -10.73 | -7.36 | 0.86 | 0.00 | 0.00 | 0.20 | 0.52 | 0.34 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| ALBANY___4 23574 | 27.11 0.60 0.00 | 24.67 0.58 0.00 | 24.11 0.49 0.00 | 22.12 0.46 0.00 | 20.49 0.41 0.00 | 26.23 0.33 -11.63 | 52.41 0.44 -29.77 | 37.96 0.52 -5.22 | 28.53 0.33 -2.86 | 34.31 0.38 -0.08 | 36.39 0.49 0.00 | 51.79 0.76 0.00 | 42.23 0.76 0.00 | 36.73 0.76 0.02 | 37.32 0.92 0.00 | 50.32 1.25 0.00 | 69.31 1.46 -10.73 | 77.93 1.59 -7.36 | 76.00 1.49 0.86 | 55.87 1.07 0.00 | 45.69 0.82 0.00 | 36.52 0.54 0.20 | 32.54 0.42 0.52 | 33.28 0.38 0.34 |
| ALBANY___LFGE 323615 | 27.40 0.89 0.00 | 24.94 0.85 0.00 | 24.38 0.75 0.00 | 22.35 0.68 0.00 | 20.71 0.64 0.00 | 26.40 0.49 -11.64 | 52.68 0.68 -29.79 | 38.34 0.90 -5.23 | 28.84 0.63 -2.87 | 34.72 0.80 -0.08 | 36.85 0.95 0.00 | 52.46 1.43 0.00 | 42.80 1.33 0.00 | 37.21 1.25 0.02 | 37.80 1.40 0.00 | 50.95 1.88 0.00 | 69.96 2.21 -10.63 | 78.59 2.48 -7.14 | 76.88 2.44 0.92 | 56.55 1.75 0.00 | 46.24 1.37 0.00 | 36.93 0.96 0.21 | 32.87 0.79 0.56 | 33.62 0.75 0.37 |
| ALCOA_PA_115KV_PL-6C 55860 | 26.36 -0.15 0.00 | 23.93 -0.17 0.00 | 23.56 -0.06 0.00 | 21.61 -0.06 0.00 | 20.01 -0.06 0.00 | 14.19 -0.08 0.00 | 22.06 -0.14 0.00 | 32.13 -0.08 0.00 | 25.25 -0.08 0.00 | 33.79 -0.06 0.00 | 35.77 -0.13 0.00 | 50.79 -0.24 0.00 | 41.20 -0.27 0.00 | 35.64 -0.35 0.00 | 36.05 -0.35 0.00 | 48.42 -0.65 0.00 | 56.33 -0.79 0.00 | 68.35 -0.62 0.00 | 75.05 -0.30 0.00 | 54.53 -0.26 0.00 | 44.81 -0.06 0.00 | 36.10 -0.08 0.00 | 32.46 -0.18 0.00 | 33.08 -0.16 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 26.36 -0.15 0.00 | 23.93 -0.17 0.00 | 23.56 -0.06 0.00 | 21.61 -0.06 0.00 | 20.01 -0.06 0.00 | 14.19 -0.08 0.00 | 22.06 -0.14 0.00 | 32.13 -0.08 0.00 | 25.25 -0.08 0.00 | 33.79 -0.06 0.00 | 35.77 -0.13 0.00 | 50.79 -0.24 0.00 | 41.20 -0.27 0.00 | 35.64 -0.35 0.00 | 36.05 -0.35 0.00 | 48.42 -0.65 0.00 | 56.33 -0.79 0.00 | 68.35 -0.62 0.00 | 75.05 -0.30 0.00 | 54.53 -0.26 0.00 | 44.81 -0.06 0.00 | 36.10 -0.08 0.00 | 32.46 -0.18 0.00 | 33.08 -0.16 0.00 |
| ALCOA___DSASP 323711 | 26.36 -0.15 0.00 | 23.93 -0.17 0.00 | 23.56 -0.06 0.00 | 21.61 -0.06 0.00 | 20.01 -0.06 0.00 | 14.19 -0.08 0.00 | 22.06 -0.15 0.00 | 32.13 -0.08 0.00 | 25.25 -0.08 0.00 | 33.79 -0.06 0.00 | 35.78 -0.13 0.00 | 50.79 -0.24 0.00 | 41.20 -0.27 0.00 | 35.64 -0.35 0.00 | 36.05 -0.35 0.00 | 48.42 -0.65 0.00 | 56.32 -0.79 0.00 | 68.35 -0.62 0.00 | 75.05 -0.30 0.00 | 54.54 -0.26 0.00 | 44.81 -0.06 0.00 | 36.10 -0.08 0.00 | 32.46 -0.18 0.00 | 33.08 -0.16 0.00 |
| ALLEGHENY___COGEN 23514 | 27.20 0.69 0.00 | 24.82 0.72 0.00 | 24.37 0.75 0.00 | 22.32 0.66 0.00 | 20.65 0.58 0.00 | 14.62 0.36 0.00 | 23.21 1.00 0.00 | 33.46 1.25 0.00 | 26.45 1.04 -0.08 | 35.22 1.38 0.00 | 37.19 1.16 -0.13 | 52.23 1.19 0.00 | 41.70 0.23 0.00 | 36.08 0.09 0.00 | 35.76 -0.66 -0.03 | 74.36 -0.57 -25.85 | 86.47 -0.29 -29.64 | 68.95 -0.02 0.00 | 75.98 0.62 0.00 | 56.02 1.22 0.00 | 46.14 1.27 0.00 | 37.79 1.61 0.00 | 34.29 1.65 0.00 | 34.97 1.73 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 27.43 0.92 0.00 | 24.95 0.85 0.00 | 24.38 0.76 0.00 | 22.36 0.69 0.00 | 20.71 0.64 0.00 | 25.89 0.49 -11.14 | 51.40 0.69 -28.50 | 38.14 0.92 -5.00 | 28.75 0.67 -2.74 | 34.75 0.83 -0.08 | 36.86 0.96 0.00 | 52.42 1.38 0.00 | 42.73 1.26 0.00 | 37.16 1.19 0.02 | 37.72 1.32 0.00 | 50.88 1.81 0.00 | 69.76 2.13 -10.51 | 79.14 2.43 -7.74 | 77.18 2.43 0.61 | 56.57 1.77 0.00 | 46.27 1.40 0.00 | 37.08 1.04 0.14 | 33.17 0.90 0.37 | 33.86 0.87 0.24 |
| ALTONA_WT_PWR 323606 | 26.82 0.31 0.00 | 24.11 0.02 0.00 | 23.56 -0.06 0.00 | 21.62 -0.04 0.00 | 19.91 -0.16 0.00 | 14.03 -0.23 0.00 | 22.04 -0.16 0.00 | 32.56 0.34 0.00 | 25.86 0.52 0.00 | 34.45 0.61 0.00 | 36.31 0.41 0.00 | 51.46 0.42 0.00 | 41.65 0.18 0.00 | 35.96 -0.02 0.00 | 36.24 -0.15 0.00 | 49.12 0.05 0.00 | 57.30 0.19 0.00 | 69.64 0.66 0.00 | 76.95 1.59 0.00 | 55.93 1.13 0.00 | 46.04 1.17 0.00 | 37.22 1.03 0.00 | 33.22 0.58 0.00 | 33.72 0.47 0.00 |
| AMERICAN_REF_FUEL 24010 | 25.67 -0.84 0.00 | 23.56 -0.54 0.00 | 23.12 -0.50 0.00 | 21.20 -0.47 0.00 | 19.59 -0.48 0.00 | 13.74 -0.53 0.00 | 21.76 -0.45 0.00 | 31.19 -1.03 0.00 | 24.65 -0.68 0.00 | 33.33 -0.51 0.00 | 34.93 -0.97 0.00 | 49.18 -1.86 0.00 | 39.49 -1.98 0.00 | 34.20 -1.79 0.00 | 33.76 -2.63 0.01 | 39.90 -3.17 6.00 | 46.93 -3.31 6.88 | 64.51 -4.46 0.00 | 70.63 -4.73 0.00 | 51.47 -3.33 0.00 | 42.14 -2.73 0.00 | 34.59 -1.60 0.00 | 31.88 -0.76 0.00 | 32.75 -0.49 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 26.06 -0.45 0.00 | 23.77 -0.33 0.00 | 23.37 -0.25 0.00 | 21.64 -0.02 0.00 | 19.98 -0.09 0.00 | 14.11 -0.15 0.00 | 22.62 0.41 0.00 | 32.80 0.58 0.00 | 26.16 0.76 -0.06 | 35.14 1.29 0.00 | 37.16 1.15 -0.10 | 52.39 1.35 0.00 | 41.88 0.42 0.00 | 36.12 0.14 0.00 | 35.78 -0.61 0.01 | 42.31 -0.36 6.40 | 49.81 0.02 7.33 | 68.67 -0.31 0.00 | 74.71 -0.65 0.00 | 54.64 -0.15 0.00 | 44.88 0.01 0.00 | 36.80 0.62 0.00 | 33.64 0.99 0.00 | 34.28 1.04 0.00 |
| ARTHUR_KILL_GT_1 23520 | 28.43 1.92 0.00 | 25.76 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.34 1.27 0.00 | 56.27 1.03 -40.97 | 128.53 1.47 -104.85 | 51.75 2.11 -17.43 | 37.06 1.55 -10.17 | 36.05 1.92 -0.28 | 38.26 2.27 -0.08 | 54.65 3.61 0.00 | 44.59 3.12 0.00 | 38.94 2.94 -0.02 | 39.59 3.19 0.00 | 53.66 4.58 0.00 | 89.98 5.16 -27.70 | 98.86 6.23 -23.65 | 82.41 6.22 -0.84 | 59.21 4.41 -0.01 | 48.19 3.32 0.00 | 38.88 2.50 -0.19 | 35.51 2.36 -0.51 | 45.80 2.35 -10.21 |
| ARTHUR_KILL_2 23512 | 28.34 1.83 0.00 | 25.68 1.59 0.00 | 25.01 1.39 0.00 | 22.95 1.29 0.00 | 21.28 1.21 0.00 | 56.23 0.99 -40.97 | 128.46 1.39 -104.85 | 51.65 2.00 -17.43 | 36.96 1.45 -10.17 | 35.92 1.80 -0.28 | 38.12 2.13 -0.08 | 54.45 3.41 0.00 | 44.43 2.96 0.00 | 38.78 2.78 -0.02 | 39.42 3.03 0.00 | 53.43 4.36 0.00 | 89.69 4.88 -27.70 | 98.53 5.90 -23.65 | 82.08 5.89 -0.84 | 58.99 4.18 -0.01 | 48.00 3.12 0.00 | 38.72 2.35 -0.19 | 35.38 2.23 -0.51 | 45.68 2.23 -10.21 |
| ARTHUR_KILL_3 23513 | 28.29 1.78 0.00 | 25.64 1.54 0.00 | 24.97 1.35 0.00 | 22.92 1.25 0.00 | 21.24 1.17 0.00 | 56.17 0.93 -40.98 | 128.42 1.34 -104.87 | 52.58 1.96 -18.40 | 36.96 1.45 -10.18 | 35.92 1.79 -0.28 | 38.08 2.09 -0.08 | 54.25 3.22 0.00 | 44.37 2.90 0.00 | 38.74 2.74 -0.02 | 39.39 2.99 0.00 | 53.36 4.28 0.00 | 87.22 5.03 -25.08 | 98.75 6.13 -23.65 | 82.28 6.10 -0.83 | 59.13 4.32 0.00 | 48.02 3.15 0.00 | 38.70 2.32 -0.19 | 35.29 2.14 -0.51 | 45.57 2.13 -10.20 |
| ARTHUR_KILL_COGEN 323718 | 28.43 1.92 0.00 | 25.76 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.34 1.27 0.00 | 56.27 1.03 -40.97 | 128.53 1.47 -104.85 | 51.75 2.11 -17.43 | 37.06 1.55 -10.17 | 36.05 1.92 -0.28 | 38.26 2.27 -0.08 | 54.65 3.61 0.00 | 44.59 3.12 0.00 | 38.94 2.94 -0.02 | 39.59 3.19 0.00 | 53.66 4.58 0.00 | 89.98 5.16 -27.70 | 98.86 6.23 -23.65 | 82.41 6.22 -0.84 | 59.21 4.41 -0.01 | 48.19 3.32 0.00 | 38.88 2.50 -0.19 | 35.51 2.36 -0.51 | 45.80 2.35 -10.21 |
| ASHOKAN____ 23654 | 27.71 1.21 0.00 | 25.13 1.03 0.00 | 24.52 0.90 0.00 | 22.49 0.83 0.00 | 20.83 0.76 0.00 | 19.91 0.60 -5.04 | 35.93 0.82 -12.91 | 35.70 1.22 -2.26 | 27.38 0.80 -1.24 | 35.20 1.32 -0.03 | 37.49 1.58 0.00 | 53.31 2.27 0.00 | 43.54 2.08 0.00 | 38.07 2.09 0.00 | 38.59 2.19 0.00 | 51.86 2.79 0.00 | 71.50 3.80 -10.57 | 83.13 4.98 -9.17 | 80.20 4.84 0.00 | 58.08 3.29 0.00 | 47.37 2.50 0.00 | 38.10 1.92 0.00 | 34.34 1.70 0.00 | 34.70 1.46 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 28.39 1.88 0.00 | 25.77 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.37 1.30 0.00 | 56.28 1.04 -40.97 | 128.55 1.49 -104.85 | 52.76 2.15 -18.40 | 37.06 1.55 -10.18 | 36.11 1.99 -0.28 | 38.22 2.24 -0.08 | 54.43 3.40 0.00 | 44.64 3.17 0.00 | 38.91 2.91 -0.02 | 39.53 3.14 0.00 | 53.56 4.48 0.00 | 87.45 5.26 -25.07 | 99.00 6.39 -23.64 | 82.41 6.23 -0.83 | 59.24 4.44 0.00 | 48.18 3.32 0.00 | 38.84 2.47 -0.19 | 35.42 2.28 -0.51 | 35.88 2.30 -0.33 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 28.39 1.88 0.00 | 25.77 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.37 1.30 0.00 | 56.28 1.04 -40.97 | 128.55 1.49 -104.85 | 52.76 2.15 -18.40 | 37.06 1.55 -10.18 | 36.11 1.99 -0.28 | 38.22 2.24 -0.08 | 54.43 3.40 0.00 | 44.64 3.17 0.00 | 38.91 2.91 -0.02 | 39.53 3.14 0.00 | 53.56 4.48 0.00 | 87.45 5.26 -25.07 | 99.00 6.39 -23.64 | 82.41 6.23 -0.83 | 59.24 4.44 0.00 | 48.18 3.32 0.00 | 38.84 2.47 -0.19 | 35.42 2.28 -0.51 | 35.88 2.30 -0.33 |
| ASTORIA_GT2_1 24094 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT2_2 24095 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT2_3 24096 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT2_4 24097 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT3_1 24098 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT3_2 24099 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT3_3 24100 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT3_4 24101 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT4_1 24102 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT4_2 24103 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT4_3 24104 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT4_4 24105 | 28.41 1.90 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.79 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.02 -0.28 | 38.24 2.25 -0.08 | 54.47 3.43 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.59 4.52 0.00 | 87.50 5.31 -25.07 | 99.06 6.45 -23.64 | 82.45 6.27 -0.83 | 59.27 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.50 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA_GT_1 23523 | 28.47 1.96 0.00 | 25.83 1.73 0.00 | 25.15 1.53 0.00 | 23.09 1.43 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.61 1.55 -104.85 | 52.85 2.24 -18.40 | 37.13 1.63 -10.18 | 36.22 2.10 -0.28 | 38.33 2.34 -0.08 | 54.61 3.58 0.00 | 44.77 3.30 0.00 | 39.04 3.03 -0.02 | 39.65 3.25 0.00 | 53.73 4.66 0.00 | 87.65 5.47 -25.07 | 99.25 6.64 -23.64 | 82.66 6.48 -0.83 | 59.43 4.63 0.00 | 48.33 3.47 0.00 | 38.97 2.59 -0.19 | 35.52 2.38 -0.51 | 35.98 2.40 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT_10 24110 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.85 5.06 -9.67 | 85.70 6.11 -10.62 | 82.25 6.07 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.28 -0.51 | 35.87 2.30 -0.33 |
| ASTORIA_GT_11 24225 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.85 5.06 -9.67 | 85.70 6.11 -10.62 | 82.25 6.07 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.28 -0.51 | 35.87 2.30 -0.33 |
| ASTORIA_GT_12 24226 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.85 5.06 -9.67 | 85.70 6.11 -10.62 | 82.25 6.07 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.28 -0.51 | 35.87 2.30 -0.33 |
| ASTORIA_GT_13 24227 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.85 5.06 -9.67 | 85.70 6.11 -10.62 | 82.25 6.07 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.28 -0.51 | 35.87 2.30 -0.33 |
| ASTORIA_GT_5 24106 | 28.47 1.96 0.00 | 25.83 1.73 0.00 | 25.15 1.53 0.00 | 23.09 1.43 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.61 1.55 -104.85 | 52.85 2.24 -18.40 | 37.13 1.63 -10.18 | 36.22 2.10 -0.28 | 38.33 2.34 -0.08 | 54.61 3.58 0.00 | 44.77 3.30 0.00 | 39.04 3.03 -0.02 | 39.65 3.25 0.00 | 53.73 4.66 0.00 | 87.65 5.47 -25.07 | 99.25 6.64 -23.64 | 82.66 6.48 -0.83 | 59.43 4.63 0.00 | 48.33 3.47 0.00 | 38.97 2.59 -0.19 | 35.52 2.38 -0.51 | 35.98 2.40 -0.33 |
| ASTORIA_GT_7 24107 | 28.47 1.96 0.00 | 25.83 1.73 0.00 | 25.15 1.53 0.00 | 23.09 1.43 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.61 1.55 -104.85 | 52.85 2.24 -18.40 | 37.13 1.63 -10.18 | 36.22 2.10 -0.28 | 38.33 2.34 -0.08 | 54.61 3.58 0.00 | 44.77 3.30 0.00 | 39.04 3.03 -0.02 | 39.65 3.25 0.00 | 53.73 4.66 0.00 | 87.65 5.47 -25.07 | 99.25 6.64 -23.64 | 82.66 6.48 -0.83 | 59.43 4.63 0.00 | 48.33 3.47 0.00 | 38.97 2.59 -0.19 | 35.52 2.38 -0.51 | 35.98 2.40 -0.33 |
| ASTORIA_GT_8 24108 | 28.47 1.96 0.00 | 25.83 1.73 0.00 | 25.15 1.53 0.00 | 23.09 1.43 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.61 1.55 -104.85 | 52.86 2.24 -18.40 | 37.13 1.63 -10.18 | 36.23 2.10 -0.28 | 38.33 2.35 -0.08 | 54.61 3.58 0.00 | 44.77 3.30 0.00 | 39.04 3.03 -0.02 | 39.65 3.26 0.00 | 53.73 4.66 0.00 | 87.67 5.48 -25.07 | 99.27 6.66 -23.64 | 82.65 6.47 -0.83 | 59.43 4.63 0.00 | 48.33 3.46 0.00 | 38.97 2.59 -0.19 | 35.52 2.38 -0.51 | 35.98 2.40 -0.33 |
| ASTORIA___2 24149 | 28.40 1.89 0.00 | 25.78 1.68 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.56 1.50 -104.85 | 52.78 2.17 -18.40 | 37.07 1.56 -10.18 | 36.14 2.01 -0.28 | 38.23 2.25 -0.08 | 54.47 3.44 0.00 | 44.65 3.18 0.00 | 38.93 2.93 -0.02 | 39.56 3.16 0.00 | 53.58 4.51 0.00 | 87.48 5.29 -25.07 | 99.04 6.43 -23.64 | 82.46 6.28 -0.83 | 59.26 4.47 0.00 | 48.21 3.34 0.00 | 38.87 2.49 -0.19 | 35.44 2.29 -0.51 | 35.91 2.33 -0.33 |
| ASTORIA___3 23516 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.12 -18.40 | 37.10 1.59 -10.18 | 36.15 2.02 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.84 5.05 -9.67 | 85.69 6.10 -10.62 | 82.26 6.08 -0.83 | 59.12 4.32 0.00 | 48.11 3.24 0.00 | 38.83 2.46 -0.19 | 35.42 2.27 -0.51 | 35.87 2.29 -0.33 |
| ASTORIA___4 23517 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.10 1.59 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.40 3.37 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.85 5.06 -9.67 | 85.70 6.11 -10.62 | 82.25 6.07 -0.83 | 59.13 4.33 0.00 | 48.11 3.24 0.00 | 38.83 2.46 -0.19 | 35.42 2.28 -0.51 | 35.87 2.30 -0.33 |
| ASTORIA___5 23518 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.12 -18.40 | 37.10 1.59 -10.18 | 36.15 2.02 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.84 5.05 -9.67 | 85.69 6.10 -10.62 | 82.26 6.08 -0.83 | 59.12 4.32 0.00 | 48.11 3.24 0.00 | 38.83 2.46 -0.19 | 35.42 2.27 -0.51 | 35.87 2.29 -0.33 |
| AST_ENERGY_2_CC3 323677 | 28.37 1.86 0.00 | 25.72 1.62 0.00 | 25.05 1.43 0.00 | 22.99 1.33 0.00 | 21.33 1.26 0.00 | 56.22 0.97 -40.98 | 128.48 1.41 -104.87 | 52.68 2.06 -18.40 | 37.06 1.55 -10.18 | 36.07 1.94 -0.28 | 38.21 2.22 -0.08 | 54.44 3.40 0.00 | 44.50 3.03 0.00 | 38.87 2.86 -0.02 | 39.51 3.12 0.00 | 53.54 4.46 0.00 | 87.39 5.19 -25.08 | 98.87 6.26 -23.64 | 82.46 6.28 -0.83 | 59.23 4.43 0.00 | 48.16 3.28 0.00 | 38.84 2.46 -0.19 | 35.40 2.25 -0.51 | 35.83 2.26 -0.33 |
| AST_ENERGY_2_CC4 323678 | 28.37 1.86 0.00 | 25.72 1.62 0.00 | 25.05 1.43 0.00 | 22.99 1.33 0.00 | 21.33 1.26 0.00 | 56.22 0.97 -40.98 | 128.48 1.41 -104.87 | 52.68 2.06 -18.40 | 37.06 1.55 -10.18 | 36.07 1.94 -0.28 | 38.21 2.22 -0.08 | 54.44 3.40 0.00 | 44.50 3.03 0.00 | 38.87 2.86 -0.02 | 39.51 3.12 0.00 | 53.54 4.46 0.00 | 87.39 5.19 -25.08 | 98.87 6.26 -23.64 | 82.46 6.28 -0.83 | 59.23 4.43 0.00 | 48.16 3.28 0.00 | 38.84 2.46 -0.19 | 35.40 2.25 -0.51 | 35.83 2.26 -0.33 |
| ATHENS_STG_1 23668 | 27.60 1.09 0.00 | 25.08 0.98 0.00 | 24.48 0.86 0.00 | 22.45 0.78 0.00 | 20.79 0.72 0.00 | 26.80 0.55 -11.99 | 53.65 0.77 -30.68 | 38.64 1.05 -5.38 | 29.06 0.77 -2.95 | 34.90 0.98 -0.08 | 37.02 1.11 0.00 | 52.69 1.66 0.00 | 42.97 1.50 0.00 | 37.44 1.45 -0.01 | 37.99 1.59 0.00 | 51.29 2.22 0.00 | 72.93 2.60 -13.22 | 84.06 3.03 -12.05 | 78.61 3.00 -0.26 | 56.97 2.17 0.00 | 46.52 1.65 0.00 | 37.47 1.23 -0.06 | 33.89 1.10 -0.16 | 34.41 1.07 -0.10 |
| ATHENS_STG_2 23670 | 27.60 1.09 0.00 | 25.08 0.98 0.00 | 24.48 0.86 0.00 | 22.45 0.78 0.00 | 20.79 0.72 0.00 | 26.80 0.55 -11.99 | 53.65 0.77 -30.68 | 38.64 1.05 -5.38 | 29.06 0.77 -2.95 | 34.90 0.98 -0.08 | 37.02 1.11 0.00 | 52.69 1.66 0.00 | 42.97 1.50 0.00 | 37.44 1.45 -0.01 | 37.99 1.59 0.00 | 51.29 2.22 0.00 | 72.93 2.60 -13.22 | 84.06 3.03 -12.05 | 78.61 3.00 -0.26 | 56.97 2.17 0.00 | 46.52 1.65 0.00 | 37.47 1.23 -0.06 | 33.89 1.10 -0.16 | 34.41 1.07 -0.10 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_3 23677 | 27.60 1.09 0.00 | 25.08 0.98 0.00 | 24.48 0.86 0.00 | 22.45 0.78 0.00 | 20.79 0.72 0.00 | 26.80 0.55 -11.99 | 53.65 0.77 -30.68 | 38.64 1.05 -5.38 | 29.06 0.77 -2.95 | 34.90 0.98 -0.08 | 37.02 1.11 0.00 | 52.69 1.66 0.00 | 42.97 1.50 0.00 | 37.44 1.45 -0.01 | 37.99 1.59 0.00 | 51.29 2.22 0.00 | 72.93 2.60 -13.22 | 84.06 3.03 -12.05 | 78.61 3.00 -0.26 | 56.97 2.17 0.00 | 46.52 1.65 0.00 | 37.47 1.23 -0.06 | 33.89 1.10 -0.16 | 34.41 1.07 -0.10 |
| AUBURN____LFGE 323710 | 26.84 0.33 0.00 | 24.40 0.30 0.00 | 23.93 0.31 0.00 | 21.93 0.27 0.00 | 20.37 0.30 0.00 | 14.51 0.24 0.00 | 22.62 0.42 0.00 | 32.86 0.64 0.00 | 26.41 0.67 -0.40 | 34.86 1.02 0.00 | 37.34 0.83 -0.60 | 51.93 0.90 0.00 | 42.08 0.62 0.00 | 36.56 0.58 0.00 | 36.71 0.32 0.00 | 50.75 0.65 -1.03 | 59.37 1.06 -1.19 | 70.32 1.35 0.00 | 76.58 1.22 0.00 | 55.85 1.05 0.00 | 45.70 0.83 0.00 | 36.78 0.60 0.00 | 33.29 0.65 0.00 | 33.90 0.65 0.00 |
| BABYLON_RES_REC 323704 | 29.88 2.59 -0.78 | 27.14 2.34 -0.71 | 25.71 2.09 0.00 | 23.53 1.87 0.00 | 21.80 1.73 0.00 | 56.41 1.30 -40.84 | 142.34 1.80 -118.33 | 172.90 2.57 -138.12 | 43.87 2.31 -16.22 | 45.69 2.98 -8.86 | 41.76 2.96 -2.89 | 62.46 4.50 -6.92 | 323.57 3.89 -278.22 | 251.85 3.42 -212.44 | 153.71 3.95 -113.37 | 216.20 5.60 -161.53 | 89.69 6.41 -26.16 | 109.61 7.88 -32.76 | 95.87 8.11 -12.40 | 78.31 5.73 -17.79 | 232.75 4.56 -183.31 | 42.55 3.45 -2.92 | 36.21 3.06 -0.51 | 36.58 3.01 -0.33 |
| BABYLON__69_KV_BK2 356345 | 30.21 2.92 -0.78 | 27.44 2.64 -0.71 | 26.01 2.39 0.00 | 23.79 2.13 0.00 | 22.04 1.97 0.00 | 56.58 1.47 -40.84 | 142.57 2.03 -118.33 | 173.13 2.80 -138.12 | 44.15 2.59 -16.22 | 46.10 3.39 -8.86 | 42.12 3.32 -2.89 | 63.03 5.06 -6.92 | 324.06 4.38 -278.22 | 252.30 3.87 -212.45 | 154.30 4.54 -113.37 | 219.79 6.33 -164.38 | 90.40 7.12 -26.16 | 119.43 8.77 -41.68 | 112.60 9.09 -28.15 | 79.37 6.47 -18.10 | 233.37 5.18 -183.31 | 43.08 3.98 -2.92 | 36.66 3.52 -0.51 | 37.01 3.43 -0.33 |
| BARON_WINDS____WT_PWR 323822 | 25.85 -0.66 0.00 | 23.65 -0.44 0.00 | 23.19 -0.43 0.00 | 21.28 -0.39 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 22.20 0.00 0.00 | 32.12 -0.10 0.00 | 25.71 0.20 -0.17 | 34.35 0.51 0.00 | 36.66 0.50 -0.26 | 51.33 0.29 0.00 | 41.11 -0.36 0.00 | 35.39 -0.59 0.00 | 35.11 -1.24 0.04 | 4.67 -1.42 42.98 | 6.55 -1.33 49.24 | 67.28 -1.69 0.00 | 73.67 -1.69 0.00 | 53.74 -1.06 0.00 | 44.07 -0.80 0.00 | 36.06 -0.12 0.00 | 32.60 -0.04 0.00 | 33.35 0.11 0.00 |
| BARRETT_IC_1 23704 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_10 23701 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_11 23702 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_12 23703 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_2 23705 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_3 23706 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_4 23707 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_5 23708 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_6 23709 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_7 23710 | 29.51 2.22 -0.78 | 26.78 1.97 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.50 2.17 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.22 | 251.28 2.85 -212.44 | 153.09 3.33 -113.36 | 213.91 4.66 -160.18 | 88.54 5.26 -26.16 | 104.03 6.42 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.81 3.63 -183.31 | 41.86 2.77 -2.91 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_8 23711 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT_IC_9 23700 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT___1 23545 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BARRETT___2 23546 | 29.51 2.22 -0.78 | 26.78 1.98 -0.71 | 25.36 1.74 0.00 | 23.22 1.56 0.00 | 21.52 1.45 0.00 | 56.19 1.08 -40.84 | 142.00 1.46 -118.33 | 172.49 2.16 -138.12 | 43.36 1.80 -16.22 | 45.01 2.31 -8.86 | 41.20 2.40 -2.89 | 61.60 3.64 -6.92 | 322.80 3.12 -278.21 | 251.27 2.85 -212.44 | 153.09 3.33 -113.36 | 213.90 4.65 -160.18 | 88.53 5.25 -26.16 | 104.02 6.41 -28.63 | 86.83 6.35 -5.13 | 76.94 4.53 -17.61 | 231.82 3.63 -183.31 | 41.86 2.77 -2.92 | 35.64 2.49 -0.51 | 36.12 2.54 -0.33 |
| BATAVIA___115KV_TB1 55881 | 26.85 0.34 0.00 | 24.56 0.46 0.00 | 24.05 0.43 0.00 | 22.02 0.36 0.00 | 20.37 0.30 0.00 | 14.35 0.08 0.00 | 22.73 0.52 0.00 | 32.69 0.47 0.00 | 25.88 0.55 0.00 | 34.96 1.11 0.00 | 36.74 0.83 0.00 | 51.86 0.82 0.00 | 41.62 0.15 0.00 | 36.10 0.11 0.00 | 35.81 -0.59 0.00 | 44.20 -0.72 4.15 | 51.90 -0.47 4.75 | 68.05 -0.92 0.00 | 74.79 -0.57 0.00 | 54.59 -0.21 0.00 | 44.67 -0.20 0.00 | 36.51 0.33 0.00 | 33.40 0.76 0.00 | 34.17 0.93 0.00 |
| BAYONEEC___CTG1 323682 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG10 323750 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG2 323683 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG3 323684 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG4 323685 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG5 323686 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG6 323687 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG7 323688 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG8 323689 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |
| BAYONEEC___CTG9 323749 | 28.40 1.89 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.33 1.26 0.00 | 56.23 0.99 -40.98 | 128.50 1.43 -104.87 | 52.69 2.07 -18.40 | 37.07 1.56 -10.18 | 36.07 1.95 -0.28 | 38.22 2.24 -0.08 | 54.46 3.42 0.00 | 44.51 3.05 0.00 | 38.88 2.87 -0.02 | 39.53 3.13 0.00 | 53.54 4.47 0.00 | 87.41 5.21 -25.08 | 98.91 6.29 -23.64 | 82.50 6.31 -0.83 | 59.26 4.46 0.00 | 48.17 3.30 0.00 | 38.85 2.47 -0.19 | 35.42 2.28 -0.51 | 35.85 2.28 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| BEACON___LESR 323632 | 27.57 1.06 0.00 | 25.09 0.99 0.00 | 24.50 0.88 0.00 | 22.41 0.75 0.00 | 20.78 0.71 0.00 | 26.56 0.57 -11.72 | 53.00 0.82 -29.98 | 38.54 1.06 -5.26 | 28.98 0.77 -2.88 | 34.90 0.98 -0.08 | 37.11 1.20 0.00 | 52.76 1.73 0.00 | 43.05 1.58 0.00 | 37.45 1.49 0.02 | 38.08 1.69 0.00 | 51.31 2.24 0.00 | 70.55 2.65 -10.78 | 79.35 3.07 -7.31 | 77.59 3.14 0.90 | 56.96 2.16 0.00 | 46.58 1.71 0.00 | 37.11 1.13 0.21 | 33.10 1.01 0.55 | 33.79 0.92 0.36 |
| BEAVER RIVER___HYD 24048 | 25.78 -0.73 0.00 | 23.24 -0.86 0.00 | 22.77 -0.85 0.00 | 21.21 -0.46 0.00 | 19.47 -0.60 0.00 | 14.03 -0.24 0.00 | 22.37 0.17 0.00 | 32.56 0.34 0.00 | 25.73 0.23 -0.17 | 34.34 0.50 0.00 | 36.42 0.26 -0.25 | 51.29 0.26 0.00 | 41.40 -0.06 0.00 | 35.41 -0.58 0.00 | 35.33 -1.07 0.00 | 47.87 -1.20 0.00 | 55.72 -1.40 0.00 | 68.11 -0.87 0.00 | 75.58 0.22 0.00 | 55.13 0.33 0.00 | 45.10 0.23 0.00 | 36.68 0.50 0.00 | 33.04 0.40 0.00 | 33.59 0.35 0.00 |
| BEEBEE_GT_13 23619 | 26.58 0.07 0.00 | 24.25 0.15 0.00 | 23.74 0.12 0.00 | 21.72 0.06 0.00 | 20.11 0.04 0.00 | 14.19 -0.07 0.00 | 22.39 0.18 0.00 | 32.30 0.08 0.00 | 25.54 0.21 0.00 | 34.35 0.50 0.00 | 36.24 0.34 0.00 | 51.27 0.24 0.00 | 41.41 -0.06 0.00 | 35.86 -0.13 0.00 | 35.77 -0.63 0.00 | 48.34 -0.73 0.00 | 56.45 -0.67 0.00 | 68.24 -0.73 0.00 | 74.76 -0.60 0.00 | 54.36 -0.44 0.00 | 44.43 -0.45 0.00 | 36.13 -0.05 0.00 | 32.91 0.27 0.00 | 33.61 0.36 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 28.73 2.22 0.00 | 26.02 1.93 0.00 | 25.34 1.72 0.00 | 23.25 1.59 0.00 | 21.56 1.49 0.00 | 56.42 1.18 -40.97 | 128.79 1.73 -104.85 | 53.11 2.49 -18.40 | 37.40 1.89 -10.18 | 36.53 2.40 -0.28 | 38.71 2.72 -0.08 | 55.22 4.18 0.00 | 45.16 3.69 0.00 | 39.42 3.42 -0.02 | 40.08 3.69 0.00 | 54.30 5.22 0.00 | 116.70 5.99 -53.58 | 123.97 7.24 -47.75 | 83.49 7.30 -0.84 | 60.02 5.22 -0.01 | 48.83 3.95 0.00 | 39.40 3.02 -0.20 | 35.94 2.79 -0.51 | 50.95 2.78 -14.93 |
| BETHLEHEM___GRP 23843 | 27.11 0.60 0.00 | 24.67 0.58 0.00 | 24.11 0.49 0.00 | 22.12 0.46 0.00 | 20.49 0.41 0.00 | 26.23 0.33 -11.63 | 52.41 0.44 -29.77 | 37.96 0.52 -5.22 | 28.53 0.33 -2.86 | 34.31 0.38 -0.08 | 36.39 0.49 0.00 | 51.79 0.76 0.00 | 42.23 0.76 0.00 | 36.73 0.76 0.02 | 37.32 0.92 0.00 | 50.32 1.25 0.00 | 69.31 1.46 -10.73 | 77.93 1.59 -7.36 | 76.00 1.49 0.86 | 55.87 1.07 0.00 | 45.69 0.82 0.00 | 36.52 0.54 0.20 | 32.54 0.42 0.52 | 33.28 0.38 0.34 |
| BETHLEHEM___GS1 323560 | 27.11 0.60 0.00 | 24.67 0.58 0.00 | 24.11 0.49 0.00 | 22.11 0.45 0.00 | 20.49 0.41 0.00 | 26.23 0.33 -11.63 | 52.40 0.43 -29.77 | 37.96 0.52 -5.22 | 28.53 0.33 -2.86 | 34.31 0.38 -0.08 | 36.39 0.49 0.00 | 51.79 0.75 0.00 | 42.23 0.76 0.00 | 36.73 0.76 0.02 | 37.32 0.92 0.00 | 50.30 1.23 0.00 | 69.31 1.46 -10.73 | 77.92 1.58 -7.36 | 75.99 1.49 0.86 | 55.87 1.07 0.00 | 45.69 0.82 0.00 | 36.52 0.54 0.20 | 32.54 0.42 0.52 | 33.28 0.38 0.34 |
| BETHLEHEM___GS2 323561 | 27.11 0.60 0.00 | 24.67 0.58 0.00 | 24.11 0.49 0.00 | 22.11 0.45 0.00 | 20.49 0.41 0.00 | 26.23 0.33 -11.63 | 52.40 0.43 -29.77 | 37.96 0.52 -5.22 | 28.53 0.33 -2.86 | 34.31 0.38 -0.08 | 36.39 0.49 0.00 | 51.79 0.75 0.00 | 42.23 0.76 0.00 | 36.73 0.76 0.02 | 37.32 0.92 0.00 | 50.30 1.23 0.00 | 69.31 1.46 -10.73 | 77.92 1.58 -7.36 | 75.99 1.49 0.86 | 55.87 1.07 0.00 | 45.69 0.82 0.00 | 36.52 0.54 0.20 | 32.54 0.42 0.52 | 33.28 0.38 0.34 |
| BETHLEHEM___GS3 323562 | 27.11 0.60 0.00 | 24.67 0.58 0.00 | 24.11 0.49 0.00 | 22.11 0.45 0.00 | 20.49 0.41 0.00 | 26.23 0.33 -11.63 | 52.40 0.43 -29.77 | 37.96 0.52 -5.22 | 28.53 0.33 -2.86 | 34.31 0.38 -0.08 | 36.39 0.49 0.00 | 51.79 0.75 0.00 | 42.23 0.76 0.00 | 36.73 0.76 0.02 | 37.32 0.92 0.00 | 50.30 1.23 0.00 | 69.31 1.46 -10.73 | 77.92 1.58 -7.36 | 75.99 1.49 0.86 | 55.87 1.07 0.00 | 45.69 0.82 0.00 | 36.52 0.54 0.20 | 32.54 0.42 0.52 | 33.28 0.38 0.34 |
| BETHLEHEM___STEEL 23779 | 26.35 -0.16 0.00 | 24.14 0.04 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.16 0.00 | 22.39 0.19 0.00 | 32.19 -0.03 0.00 | 25.50 0.17 0.00 | 34.43 0.59 0.00 | 36.22 0.32 0.00 | 51.13 0.09 0.00 | 41.03 -0.43 0.00 | 35.45 -0.53 0.00 | 35.08 -1.31 0.01 | 39.94 -1.49 7.64 | 46.97 -1.40 8.75 | 67.15 -1.82 0.00 | 73.54 -1.82 0.00 | 53.60 -1.20 0.00 | 43.82 -1.05 0.00 | 35.88 -0.30 0.00 | 32.88 0.24 0.00 | 33.70 0.45 0.00 |
| BETHLHEM_115KV_TB1 79974 | 27.18 0.67 0.00 | 24.73 0.63 0.00 | 24.17 0.54 0.00 | 22.16 0.50 0.00 | 20.53 0.46 0.00 | 26.19 0.36 -11.56 | 52.28 0.49 -29.58 | 38.02 0.61 -5.19 | 28.58 0.40 -2.85 | 34.41 0.48 -0.08 | 36.49 0.59 0.00 | 51.93 0.89 0.00 | 42.34 0.87 0.00 | 36.82 0.85 0.02 | 37.41 1.02 0.00 | 50.45 1.38 0.00 | 69.43 1.61 -10.70 | 78.19 1.78 -7.43 | 76.25 1.71 0.82 | 56.03 1.23 0.00 | 45.82 0.95 0.00 | 36.64 0.64 0.19 | 32.67 0.53 0.50 | 33.40 0.48 0.33 |
| BETHPAGE_CC_5 323564 | 29.75 2.46 -0.78 | 27.01 2.20 -0.71 | 25.58 1.96 0.00 | 23.41 1.75 0.00 | 21.70 1.63 0.00 | 56.33 1.22 -40.84 | 142.25 1.71 -118.33 | 172.85 2.53 -138.12 | 43.74 2.18 -16.22 | 45.48 2.77 -8.86 | 41.62 2.82 -2.89 | 62.32 4.36 -6.92 | 323.48 3.80 -278.22 | 251.78 3.35 -212.44 | 153.59 3.83 -113.36 | 215.08 5.42 -160.59 | 89.48 6.20 -26.16 | 106.33 7.59 -29.77 | 90.13 7.66 -7.12 | 77.88 5.39 -17.70 | 232.43 4.25 -183.31 | 42.31 3.21 -2.92 | 36.06 2.91 -0.51 | 36.45 2.87 -0.33 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 26.43 -0.08 0.00 | 24.21 0.11 0.00 | 23.73 0.11 0.00 | 21.73 0.07 0.00 | 20.11 0.04 0.00 | 14.14 -0.12 0.00 | 22.46 0.25 0.00 | 32.28 0.07 0.00 | 25.64 0.25 -0.05 | 34.54 0.70 0.00 | 36.44 0.45 -0.08 | 51.33 0.30 0.00 | 41.19 -0.28 0.00 | 35.59 -0.40 0.00 | 35.23 -1.16 0.01 | 40.61 -1.27 7.19 | 47.75 -1.15 8.23 | 67.43 -1.54 0.00 | 73.85 -1.50 0.00 | 53.83 -0.97 0.00 | 43.98 -0.89 0.00 | 36.01 -0.18 0.00 | 32.98 0.34 0.00 | 33.79 0.55 0.00 |
| BINGHAMTON___COGEN 23790 | 26.79 0.28 0.00 | 24.33 0.23 0.00 | 23.77 0.15 0.00 | 21.78 0.12 0.00 | 20.20 0.13 0.00 | 14.39 0.13 0.00 | 22.55 0.34 0.00 | 32.65 0.43 0.00 | 26.17 0.52 -0.32 | 34.57 0.73 0.00 | 37.15 0.76 -0.49 | 51.88 0.85 0.00 | 42.01 0.54 0.00 | 36.49 0.50 0.00 | 36.70 0.30 0.00 | 49.73 0.66 0.00 | 57.95 0.83 0.00 | 69.77 0.79 0.00 | 76.13 0.78 0.00 | 55.42 0.62 0.00 | 45.26 0.39 0.00 | 36.61 0.43 0.00 | 33.09 0.45 0.00 | 33.67 0.43 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 26.28 -0.23 0.00 | 24.29 0.19 0.00 | 23.72 0.10 0.00 | 21.76 0.10 0.00 | 20.16 0.09 0.00 | 14.15 -0.12 0.00 | 22.52 0.31 0.00 | 32.49 0.28 0.00 | 25.84 0.43 -0.08 | 34.81 0.97 0.00 | 36.85 0.83 -0.11 | 51.84 0.80 0.00 | 41.21 -0.26 0.00 | 35.37 -0.61 0.00 | 35.03 -1.37 0.00 | 42.82 -1.56 4.70 | 50.35 -1.39 5.38 | 67.52 -1.45 0.00 | 73.98 -1.38 0.00 | 54.09 -0.71 0.00 | 44.18 -0.69 0.00 | 36.26 0.08 0.00 | 33.17 0.53 0.00 | 33.98 0.74 0.00 |
| BLACK RIVER___HYD 24047 | 26.02 -0.49 0.00 | 23.48 -0.61 0.00 | 22.94 -0.68 0.00 | 21.36 -0.30 0.00 | 19.60 -0.47 0.00 | 14.15 -0.11 0.00 | 22.66 0.45 0.00 | 32.87 0.66 0.00 | 26.15 0.55 -0.27 | 34.78 0.94 0.00 | 37.03 0.72 -0.40 | 51.76 0.72 0.00 | 41.84 0.38 0.00 | 35.64 -0.34 0.00 | 35.42 -0.98 0.00 | 48.31 -0.77 0.00 | 56.26 -0.86 0.00 | 68.75 -0.23 0.00 | 76.57 1.22 0.00 | 55.71 0.91 0.00 | 45.48 0.61 0.00 | 37.00 0.82 0.00 | 33.27 0.63 0.00 | 33.78 0.53 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| BLACKRVR_115KV_TB2 79977 | 26.01 -0.49 0.00 | 23.49 -0.61 0.00 | 22.94 -0.68 0.00 | 21.36 -0.30 0.00 | 19.60 -0.47 0.00 | 14.16 -0.11 0.00 | 22.67 0.46 0.00 | 32.87 0.65 0.00 | 26.15 0.55 -0.27 | 34.78 0.94 0.00 | 37.03 0.72 -0.40 | 51.76 0.72 0.00 | 41.84 0.38 0.00 | 35.64 -0.34 0.00 | 35.42 -0.98 0.00 | 48.30 -0.77 0.00 | 56.26 -0.86 0.00 | 68.74 -0.23 0.00 | 76.57 1.21 0.00 | 55.71 0.91 0.00 | 45.48 0.61 0.00 | 36.99 0.81 0.00 | 33.27 0.63 0.00 | 33.78 0.54 0.00 |
| BLISS_WT_PWR 323608 | 26.17 -0.34 0.00 | 24.26 0.16 0.00 | 23.68 0.06 0.00 | 21.75 0.08 0.00 | 20.14 0.07 0.00 | 14.12 -0.15 0.00 | 22.48 0.27 0.00 | 32.46 0.25 0.00 | 25.83 0.42 -0.08 | 34.79 0.94 0.00 | 36.85 0.83 -0.11 | 51.82 0.78 0.00 | 41.09 -0.37 0.00 | 35.19 -0.79 0.00 | 34.85 -1.54 0.00 | 42.61 -1.76 4.70 | 50.14 -1.60 5.38 | 67.37 -1.60 0.00 | 73.84 -1.51 0.00 | 54.04 -0.76 0.00 | 44.15 -0.72 0.00 | 36.26 0.08 0.00 | 33.18 0.54 0.00 | 34.00 0.75 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 27.45 0.95 0.00 | 24.99 0.90 0.00 | 24.43 0.81 0.00 | 22.40 0.74 0.00 | 20.75 0.68 0.00 | 25.24 0.52 -10.45 | 49.69 0.74 -26.74 | 37.88 0.97 -4.69 | 28.60 0.69 -2.57 | 34.80 0.88 -0.07 | 36.90 0.99 0.00 | 52.44 1.41 0.00 | 42.73 1.26 0.00 | 37.18 1.21 0.02 | 37.72 1.33 0.00 | 50.85 1.78 0.00 | 69.84 2.11 -10.62 | 79.19 2.37 -7.85 | 77.15 2.39 0.60 | 56.56 1.77 0.00 | 46.30 1.43 0.00 | 37.11 1.07 0.14 | 33.18 0.91 0.37 | 33.87 0.87 0.24 |
| BOC_GAS_DRP 24189 | 27.32 0.82 0.00 | 24.85 0.75 0.00 | 24.29 0.67 0.00 | 22.28 0.61 0.00 | 20.64 0.57 0.00 | 25.87 0.43 -11.17 | 51.39 0.60 -28.58 | 38.02 0.79 -5.01 | 28.65 0.56 -2.75 | 34.61 0.69 -0.08 | 36.72 0.81 0.00 | 52.23 1.19 0.00 | 42.56 1.09 0.00 | 37.02 1.05 0.02 | 37.58 1.19 0.00 | 50.69 1.62 0.00 | 69.57 1.89 -10.56 | 78.95 2.15 -7.82 | 76.88 2.11 0.59 | 56.33 1.54 0.00 | 46.07 1.19 0.00 | 36.91 0.87 0.14 | 33.03 0.76 0.36 | 33.74 0.73 0.24 |
| BOONVILLE_115KV_TB1 79983 | 26.77 0.26 0.00 | 24.26 0.16 0.00 | 23.73 0.11 0.00 | 21.87 0.21 0.00 | 20.20 0.14 0.00 | 14.45 0.18 0.00 | 22.72 0.52 0.00 | 32.99 0.78 0.00 | 25.99 0.61 -0.05 | 34.81 0.97 0.00 | 37.03 1.04 -0.08 | 52.52 1.49 0.00 | 42.56 1.09 0.00 | 36.82 0.84 0.00 | 37.10 0.70 0.00 | 49.86 0.78 0.00 | 57.99 0.87 0.00 | 69.69 0.72 0.00 | 76.56 1.20 0.00 | 55.86 1.06 0.00 | 45.67 0.80 0.00 | 37.02 0.84 0.00 | 33.35 0.71 0.00 | 33.92 0.67 0.00 |
| BORALEX_4TH_BRANCH 23824 | 28.03 1.53 0.00 | 25.61 1.52 0.00 | 25.04 1.42 0.00 | 22.96 1.30 0.00 | 21.26 1.19 0.00 | 28.57 0.86 -13.44 | 57.85 1.25 -34.39 | 39.85 1.60 -6.04 | 29.74 1.10 -3.31 | 35.31 1.38 -0.09 | 37.45 1.54 0.00 | 53.23 2.20 0.00 | 43.29 1.83 0.00 | 37.47 1.54 0.05 | 38.22 1.82 0.00 | 51.53 2.46 0.00 | 71.23 2.63 -11.48 | 76.99 2.67 -5.35 | 76.22 2.90 2.03 | 57.00 2.20 0.00 | 46.78 1.91 0.00 | 37.13 1.41 0.47 | 32.56 1.16 1.24 | 33.59 1.17 0.82 |
| BOWLINE___1 23526 | 28.07 1.56 0.00 | 25.45 1.35 0.00 | 24.79 1.17 0.00 | 22.74 1.08 0.00 | 21.08 1.01 0.00 | -30.56 0.78 45.60 | -93.36 1.14 116.71 | 13.39 1.66 20.48 | 15.42 1.26 11.18 | 35.12 1.59 0.31 | 37.83 1.84 -0.08 | 53.92 2.88 0.00 | 44.07 2.61 0.00 | 38.44 2.43 -0.02 | 39.08 2.68 0.00 | 52.97 3.90 0.00 | 93.19 4.62 -31.46 | 103.62 5.61 -29.04 | 81.66 5.54 -0.76 | 58.73 3.93 0.00 | 47.76 2.88 0.00 | 38.51 2.15 -0.18 | 35.05 1.94 -0.47 | 35.46 1.91 -0.31 |
| BOWLINE___2 23595 | 28.06 1.55 0.00 | 25.45 1.35 0.00 | 24.79 1.17 0.00 | 22.74 1.08 0.00 | 21.08 1.02 0.00 | -30.59 0.78 45.63 | -93.43 1.14 116.79 | 13.38 1.66 20.50 | 15.41 1.26 11.19 | 35.12 1.59 0.31 | 37.83 1.84 -0.08 | 53.92 2.88 0.00 | 44.07 2.61 0.00 | 38.44 2.43 -0.02 | 39.08 2.68 0.00 | 52.97 3.90 0.00 | 93.10 4.62 -31.37 | 103.54 5.61 -28.96 | 81.66 5.54 -0.76 | 58.73 3.93 0.00 | 47.76 2.88 0.00 | 38.51 2.15 -0.18 | 35.05 1.94 -0.47 | 35.46 1.91 -0.31 |
| BRADY___115KV_TB2 356060 | 26.46 -0.04 0.00 | 24.00 -0.09 0.00 | 23.63 0.01 0.00 | 21.70 0.03 0.00 | 20.08 0.00 0.00 | 14.24 -0.02 0.00 | 22.19 -0.02 0.00 | 32.33 0.11 0.00 | 25.36 0.02 0.00 | 33.98 0.13 0.00 | 35.94 0.03 0.00 | 51.06 0.03 0.00 | 41.42 -0.05 0.00 | 35.86 -0.12 0.00 | 36.21 -0.19 0.00 | 48.56 -0.52 0.00 | 56.53 -0.59 0.00 | 68.76 -0.21 0.00 | 75.61 0.26 0.00 | 54.92 0.12 0.00 | 45.10 0.23 0.00 | 36.37 0.19 0.00 | 32.67 0.03 0.00 | 33.26 0.02 0.00 |
| BRANSCOMB___SOLAR 323811 | 28.04 1.54 0.00 | 25.50 1.40 0.00 | 24.91 1.29 0.00 | 22.82 1.16 0.00 | 21.14 1.07 0.00 | 26.63 0.79 -11.57 | 52.99 1.17 -29.61 | 39.03 1.62 -5.20 | 29.37 1.18 -2.85 | 35.39 1.47 -0.08 | 37.46 1.56 0.00 | 53.27 2.23 0.00 | 43.37 1.91 0.00 | 37.70 1.74 0.03 | 38.40 2.00 0.00 | 51.77 2.69 0.00 | 70.56 3.02 -10.42 | 79.15 3.63 -6.55 | 78.15 3.89 1.10 | 57.68 2.88 0.00 | 47.27 2.40 0.00 | 37.79 1.86 0.25 | 33.51 1.54 0.67 | 34.30 1.50 0.44 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 30.02 2.73 -0.78 | 27.30 2.49 -0.71 | 25.88 2.26 0.00 | 23.67 2.01 0.00 | 21.94 1.87 0.00 | 56.51 1.40 -40.84 | 142.41 1.88 -118.33 | 172.85 2.52 -138.12 | 43.93 2.37 -16.22 | 45.73 3.02 -8.86 | 41.55 2.75 -2.89 | 62.26 4.30 -6.92 | 323.40 3.72 -278.22 | 251.73 3.30 -212.45 | 153.84 4.07 -113.38 | 219.91 5.64 -165.19 | 89.54 6.26 -26.16 | 118.61 7.73 -41.91 | 111.77 7.85 -28.56 | 79.08 5.60 -18.68 | 232.76 4.58 -183.32 | 42.69 3.58 -2.93 | 36.31 3.17 -0.51 | 36.69 3.12 -0.33 |
| BRISTLHL_115KV_TB1 79998 | 26.07 -0.44 0.00 | 23.70 -0.40 0.00 | 23.18 -0.44 0.00 | 21.25 -0.41 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 21.93 -0.28 0.00 | 31.74 -0.48 0.00 | 25.59 -0.33 -0.59 | 33.43 -0.41 0.00 | 36.37 -0.42 -0.88 | 50.40 -0.64 0.00 | 40.89 -0.58 0.00 | 35.45 -0.54 0.00 | 35.72 -0.67 0.00 | 48.17 -0.90 0.00 | 56.13 -0.99 0.00 | 67.79 -1.19 0.00 | 74.11 -1.25 0.00 | 53.93 -0.87 0.00 | 44.11 -0.76 0.00 | 35.64 -0.55 0.00 | 32.21 -0.43 0.00 | 32.81 -0.43 0.00 |
| BROOKHAVEN___DRP 24191 | 29.84 2.55 -0.78 | 27.21 2.40 -0.71 | 25.82 2.20 0.00 | 23.64 1.98 0.00 | 21.88 1.81 0.00 | 56.44 1.33 -40.84 | 142.20 1.67 -118.33 | 172.28 1.95 -138.12 | 43.83 2.27 -16.22 | 45.52 2.81 -8.86 | 41.48 2.68 -2.89 | 62.16 4.20 -6.92 | 323.07 3.38 -278.22 | 251.46 3.03 -212.44 | 153.48 3.72 -113.37 | 233.40 5.67 -178.66 | 89.72 6.44 -26.16 | 168.87 7.81 -92.09 | 200.57 8.10 -117.11 | 79.01 5.74 -18.48 | 232.72 4.53 -183.31 | 42.50 3.40 -2.92 | 36.13 2.98 -0.51 | 36.50 2.93 -0.33 |
| BROOKLYN_NAVY_YARD 23515 | 28.39 1.88 0.00 | 25.72 1.62 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.22 0.98 -40.98 | 128.50 1.42 -104.87 | 52.70 2.08 -18.40 | 37.09 1.58 -10.18 | 36.11 1.99 -0.28 | 38.25 2.26 -0.08 | 54.51 3.47 0.00 | 44.55 3.09 0.00 | 38.92 2.92 -0.02 | 39.55 3.15 0.00 | 53.59 4.52 0.00 | 87.46 5.27 -25.08 | 98.95 6.34 -23.64 | 82.55 6.37 -0.83 | 59.29 4.49 0.00 | 48.22 3.35 0.00 | 38.88 2.51 -0.19 | 35.47 2.32 -0.51 | 35.89 2.31 -0.33 |
| BROOKLYN___ARMY_DRP 323595 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -1.493 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| BROOKVLE_69_KV_TB1 55790 | 29.64 2.35 -0.78 | 26.87 2.06 -0.71 | 25.45 1.83 0.00 | 23.32 1.66 0.00 | 21.62 1.55 0.00 | 56.27 1.16 -40.84 | 142.24 1.70 -118.33 | 172.89 2.56 -138.12 | 43.56 2.00 -16.22 | 45.34 2.63 -8.86 | 41.66 2.86 -2.89 | 62.32 4.36 -6.92 | 323.52 3.84 -278.22 | 251.90 3.46 -212.44 | 153.57 3.81 -113.36 | 214.62 5.37 -160.18 | 89.48 6.20 -26.16 | 105.10 7.49 -28.63 | 88.06 7.58 -5.13 | 77.77 5.36 -17.61 | 232.33 4.14 -183.31 | 42.31 3.21 -2.91 | 36.00 2.86 -0.51 | 36.38 2.80 -0.33 |
| BROOME_2_LFGE 323671 | 26.79 0.28 0.00 | 24.33 0.23 0.00 | 23.77 0.15 0.00 | 21.78 0.12 0.00 | 20.20 0.13 0.00 | 14.39 0.12 0.00 | 22.55 0.34 0.00 | 32.64 0.43 0.00 | 26.17 0.51 -0.32 | 34.57 0.73 0.00 | 37.16 0.77 -0.49 | 51.88 0.85 0.00 | 42.01 0.54 0.00 | 36.49 0.50 0.00 | 36.70 0.30 0.00 | 49.73 0.66 0.00 | 57.94 0.82 0.00 | 69.77 0.79 0.00 | 76.13 0.78 0.00 | 55.42 0.62 0.00 | 45.26 0.39 0.00 | 36.61 0.43 0.00 | 33.09 0.45 0.00 | 33.67 0.43 0.00 |
| BROOME___LFGE 323600 | 26.79 0.28 0.00 | 24.33 0.23 0.00 | 23.77 0.15 0.00 | 21.78 0.12 0.00 | 20.20 0.13 0.00 | 14.39 0.12 0.00 | 22.55 0.34 0.00 | 32.64 0.43 0.00 | 26.17 0.51 -0.32 | 34.57 0.73 0.00 | 37.16 0.77 -0.49 | 51.88 0.85 0.00 | 42.01 0.54 0.00 | 36.49 0.50 0.00 | 36.70 0.30 0.00 | 49.73 0.66 0.00 | 57.94 0.82 0.00 | 69.77 0.79 0.00 | 76.13 0.78 0.00 | 55.42 0.62 0.00 | 45.26 0.39 0.00 | 36.61 0.43 0.00 | 33.09 0.45 0.00 | 33.67 0.43 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.49 0.00 | 55.39 -1.73 0.00 | 67.54 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.40 0.00 | 44.58 -0.29 0.00 | 36.13 -0.06 0.00 | 32.49 -0.15 0.00 | 33.05 -0.20 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 28.78 2.27 0.00 | 26.07 1.97 0.00 | 25.39 1.77 0.00 | 23.29 1.63 0.00 | 21.61 1.54 0.00 | 56.42 1.18 -40.98 | 128.81 1.73 -104.87 | 53.16 2.54 -18.40 | 37.46 1.95 -10.18 | 36.61 2.49 -0.28 | 38.79 2.81 -0.08 | 55.29 4.25 0.00 | 45.21 3.74 0.00 | 39.50 3.49 -0.02 | 40.15 3.75 0.00 | 54.40 5.33 0.00 | 88.41 6.21 -25.08 | 100.09 7.47 -23.64 | 83.77 7.59 -0.83 | 60.18 5.39 0.00 | 48.91 4.04 0.00 | 39.46 3.08 -0.19 | 35.95 2.80 -0.51 | 36.36 2.79 -0.33 |
| BURROWS___LYONSDAL 23803 | 26.43 -0.08 0.00 | 23.90 -0.20 0.00 | 23.41 -0.21 0.00 | 21.65 -0.01 0.00 | 19.96 -0.11 0.00 | 14.31 0.04 0.00 | 22.61 0.41 0.00 | 32.87 0.66 0.00 | 25.90 0.49 -0.08 | 34.66 0.82 0.00 | 36.84 0.81 -0.12 | 52.18 1.14 0.00 | 42.22 0.76 0.00 | 36.42 0.43 0.00 | 36.58 0.18 0.00 | 49.24 0.16 0.00 | 57.27 0.15 0.00 | 69.20 0.22 0.00 | 76.21 0.86 0.00 | 55.65 0.85 0.00 | 45.51 0.63 0.00 | 36.94 0.75 0.00 | 33.29 0.65 0.00 | 33.85 0.61 0.00 |
| CAITHNESS_CC_1 323624 | 29.81 2.52 -0.78 | 27.17 2.36 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.85 1.78 0.00 | 56.42 1.31 -40.84 | 142.18 1.64 -118.33 | 172.26 1.93 -138.12 | 43.76 2.21 -16.22 | 45.45 2.75 -8.86 | 41.40 2.60 -2.89 | 62.06 4.10 -6.92 | 323.02 3.34 -278.22 | 251.40 2.97 -212.44 | 153.40 3.64 -113.37 | 233.17 5.53 -178.56 | 89.57 6.29 -26.17 | 168.35 7.61 -91.77 | 199.77 7.88 -116.54 | 78.85 5.57 -18.48 | 232.60 4.42 -183.31 | 42.42 3.32 -2.92 | 36.06 2.92 -0.51 | 36.44 2.86 -0.33 |
| CALPINE BETH_PAGE_GT4 24209 | 29.71 2.42 -0.78 | 26.96 2.15 -0.71 | 25.53 1.91 0.00 | 23.37 1.71 0.00 | 21.66 1.59 0.00 | 56.30 1.19 -40.84 | 142.21 1.67 -118.33 | 172.82 2.49 -138.12 | 43.69 2.13 -16.22 | 45.37 2.66 -8.86 | 41.54 2.74 -2.89 | 62.18 4.22 -6.92 | 323.38 3.69 -278.22 | 251.70 3.27 -212.44 | 153.50 3.74 -113.36 | 214.83 5.27 -160.48 | 89.33 6.05 -26.16 | 105.84 7.39 -29.47 | 89.32 7.36 -6.61 | 77.64 5.18 -17.67 | 232.25 4.07 -183.31 | 42.17 3.07 -2.91 | 36.00 2.86 -0.51 | 36.41 2.84 -0.33 |
| CALPINE_BETH_PAGE_GT_4 323586 | 29.71 2.42 -0.78 | 26.96 2.15 -0.71 | 25.53 1.91 0.00 | 23.37 1.70 0.00 | 21.66 1.59 0.00 | 56.30 1.19 -40.84 | 142.21 1.67 -118.33 | 172.82 2.49 -138.12 | 43.69 2.13 -16.22 | 45.37 2.66 -8.86 | 41.54 2.74 -2.89 | 62.18 4.22 -6.92 | 323.38 3.69 -278.22 | 251.70 3.27 -212.44 | 153.50 3.74 -113.36 | 214.83 5.27 -160.48 | 89.32 6.04 -26.16 | 105.84 7.39 -29.48 | 89.34 7.37 -6.61 | 77.65 5.18 -17.67 | 232.25 4.07 -183.31 | 42.17 3.07 -2.92 | 36.00 2.86 -0.51 | 36.41 2.83 -0.33 |
| CALPINE_BP_GT1 23823 | 29.71 2.42 -0.78 | 26.96 2.15 -0.71 | 25.53 1.91 0.00 | 23.37 1.70 0.00 | 21.66 1.59 0.00 | 56.30 1.19 -40.84 | 142.21 1.67 -118.33 | 172.82 2.49 -138.12 | 43.69 2.13 -16.22 | 45.37 2.66 -8.86 | 41.54 2.74 -2.89 | 62.18 4.22 -6.92 | 323.38 3.69 -278.22 | 251.70 3.27 -212.44 | 153.50 3.74 -113.36 | 214.83 5.27 -160.48 | 89.32 6.04 -26.16 | 105.84 7.39 -29.48 | 89.34 7.37 -6.61 | 77.65 5.18 -17.67 | 232.25 4.07 -183.31 | 42.17 3.07 -2.92 | 36.00 2.86 -0.51 | 36.41 2.83 -0.33 |
| CALSPAN___DRP 24200 | 26.35 -0.16 0.00 | 24.14 0.04 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.16 0.00 | 22.39 0.19 0.00 | 32.19 -0.03 0.00 | 25.50 0.17 0.00 | 34.43 0.59 0.00 | 36.22 0.32 0.00 | 51.13 0.09 0.00 | 41.03 -0.43 0.00 | 35.45 -0.53 0.00 | 35.08 -1.31 0.01 | 39.94 -1.49 7.64 | 46.97 -1.40 8.75 | 67.15 -1.82 0.00 | 73.54 -1.82 0.00 | 53.60 -1.20 0.00 | 43.82 -1.05 0.00 | 35.88 -0.30 0.00 | 32.88 0.24 0.00 | 33.70 0.45 0.00 |
| CALVERTON___SOLAR 323806 | 29.92 2.64 -0.78 | 27.29 2.49 -0.71 | 25.90 2.28 0.00 | 23.72 2.06 0.00 | 21.96 1.88 0.00 | 56.49 1.38 -40.84 | 142.27 1.74 -118.33 | 172.34 2.01 -138.12 | 43.94 2.38 -16.22 | 45.66 2.96 -8.86 | 41.62 2.81 -2.89 | 62.36 4.40 -6.92 | 323.19 3.50 -278.22 | 251.59 3.16 -212.44 | 153.64 3.88 -113.37 | 233.69 5.92 -178.70 | 90.04 6.75 -26.17 | 169.36 8.15 -92.24 | 201.24 8.52 -117.37 | 79.33 6.05 -18.48 | 232.95 4.77 -183.31 | 42.68 3.58 -2.92 | 36.27 3.13 -0.51 | 36.63 3.05 -0.33 |
| CANDIGU_WT_PWR 323617 | 25.85 -0.66 0.00 | 23.65 -0.44 0.00 | 23.19 -0.43 0.00 | 21.28 -0.39 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 22.20 0.00 0.00 | 32.12 -0.10 0.00 | 25.71 0.20 -0.17 | 34.35 0.51 0.00 | 36.66 0.50 -0.26 | 51.33 0.29 0.00 | 41.11 -0.36 0.00 | 35.39 -0.59 0.00 | 35.11 -1.24 0.04 | 4.67 -1.42 42.98 | 6.55 -1.33 49.24 | 67.28 -1.69 0.00 | 73.67 -1.69 0.00 | 53.74 -1.06 0.00 | 44.07 -0.80 0.00 | 36.06 -0.12 0.00 | 32.60 -0.04 0.00 | 33.35 0.11 0.00 |
| CARR STREET_E__SYR 24060 | 26.26 -0.25 0.00 | 23.87 -0.23 0.00 | 23.34 -0.27 0.00 | 21.39 -0.28 0.00 | 19.83 -0.24 0.00 | 14.10 -0.17 0.00 | 22.07 -0.13 0.00 | 31.97 -0.25 0.00 | 25.23 -0.18 -0.08 | 33.62 -0.22 0.00 | 35.81 -0.21 -0.12 | 50.81 -0.23 0.00 | 41.19 -0.27 0.00 | 35.64 -0.34 0.00 | 35.85 -0.55 0.00 | 48.41 -0.66 0.00 | 56.41 -0.71 0.00 | 68.07 -0.90 0.00 | 74.36 -0.99 0.00 | 54.09 -0.71 0.00 | 44.20 -0.67 0.00 | 35.76 -0.43 0.00 | 32.41 -0.23 0.00 | 33.01 -0.23 0.00 |
| CARTHAGE___PAPER 23857 | 26.00 -0.51 0.00 | 23.45 -0.64 0.00 | 22.95 -0.67 0.00 | 21.37 -0.29 0.00 | 19.62 -0.45 0.00 | 14.15 -0.11 0.00 | 22.60 0.40 0.00 | 32.84 0.63 0.00 | 26.04 0.48 -0.23 | 34.68 0.84 0.00 | 36.83 0.58 -0.35 | 51.67 0.63 0.00 | 41.70 0.24 0.00 | 35.56 -0.43 0.00 | 35.46 -0.94 0.00 | 48.12 -0.95 0.00 | 56.15 -0.97 0.00 | 68.66 -0.31 0.00 | 76.36 1.01 0.00 | 55.62 0.83 0.00 | 45.50 0.62 0.00 | 37.00 0.81 0.00 | 33.29 0.65 0.00 | 33.82 0.57 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CASSADAGA_WT_PWR 323784 | 26.18 -0.33 0.00 | 23.90 -0.20 0.00 | 23.51 -0.11 0.00 | 21.79 0.13 0.00 | 20.11 0.04 0.00 | 14.18 -0.08 0.00 | 22.78 0.57 0.00 | 33.05 0.84 0.00 | 26.40 1.00 -0.07 | 35.50 1.66 0.00 | 37.55 1.54 -0.10 | 52.96 1.92 0.00 | 42.29 0.83 0.00 | 36.44 0.46 0.00 | 36.13 -0.26 0.01 | 43.05 0.08 6.11 | 50.66 0.54 7.00 | 69.34 0.37 0.00 | 75.25 -0.10 0.00 | 55.07 0.28 0.00 | 45.25 0.38 0.00 | 37.12 0.94 0.00 | 33.91 1.27 0.00 | 34.52 1.28 0.00 |
| CE_DUNWOOD___DRP 24194 | 28.27 1.76 0.00 | 25.63 1.54 0.00 | 24.98 1.36 0.00 | 22.91 1.25 0.00 | 21.25 1.18 0.00 | 57.15 0.90 -41.99 | 130.97 1.32 -107.45 | 52.98 1.91 -18.86 | 37.18 1.47 -10.38 | 36.00 1.86 -0.29 | 38.11 2.12 -0.08 | 54.29 3.25 0.00 | 44.36 2.89 0.00 | 38.71 2.71 -0.02 | 39.36 2.96 0.00 | 53.32 4.25 0.00 | 87.74 4.98 -25.65 | 99.08 5.97 -24.13 | 82.16 5.97 -0.82 | 59.03 4.24 0.00 | 48.03 3.16 0.00 | 38.74 2.37 -0.19 | 35.28 2.13 -0.51 | 35.70 2.12 -0.33 |
| CE_MILLWOOD___DRP 24193 | 28.21 1.70 0.00 | 25.57 1.48 0.00 | 24.92 1.30 0.00 | 22.86 1.20 0.00 | 21.20 1.13 0.00 | 57.68 0.87 -42.55 | 132.37 1.27 -108.90 | 53.15 1.83 -19.11 | 37.31 1.39 -10.57 | 35.91 1.78 -0.29 | 38.01 2.02 -0.08 | 54.15 3.12 0.00 | 44.24 2.78 0.00 | 38.60 2.60 -0.02 | 39.25 2.85 0.00 | 53.18 4.11 0.00 | 88.47 4.83 -26.52 | 99.64 5.79 -24.88 | 81.96 5.78 -0.82 | 58.90 4.10 0.00 | 47.92 3.05 0.00 | 38.65 2.28 -0.19 | 35.19 2.05 -0.50 | 35.62 2.04 -0.33 |
| CE_NYC2_DRP 24202 | 28.41 1.90 0.00 | 25.75 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.25 1.01 -40.97 | 128.53 1.47 -104.85 | 52.77 2.15 -18.40 | 37.12 1.62 -10.18 | 36.18 2.06 -0.28 | 38.27 2.29 -0.08 | 54.47 3.43 0.00 | 44.57 3.11 0.00 | 38.93 2.93 -0.02 | 39.57 3.17 0.00 | 53.55 4.48 0.00 | 71.93 5.13 -9.67 | 85.78 6.19 -10.62 | 82.36 6.17 -0.83 | 59.19 4.39 0.00 | 48.15 3.28 0.00 | 38.87 2.49 -0.19 | 35.45 2.30 -0.51 | 35.90 2.33 -0.33 |
| CE_NYC_DRP 24195 | 28.44 1.93 0.00 | 25.77 1.67 0.00 | 25.10 1.48 0.00 | 23.05 1.38 0.00 | 21.37 1.30 0.00 | 56.26 1.01 -40.98 | 128.54 1.46 -104.87 | 52.75 2.13 -18.40 | 37.14 1.63 -10.18 | 36.18 2.06 -0.28 | 38.33 2.34 -0.08 | 54.62 3.58 0.00 | 44.64 3.17 0.00 | 39.00 2.99 -0.02 | 39.64 3.24 0.00 | 53.69 4.62 0.00 | 87.60 5.40 -25.08 | 99.09 6.48 -23.64 | 82.69 6.50 -0.83 | 59.39 4.59 0.00 | 48.29 3.42 0.00 | 38.95 2.57 -0.19 | 35.50 2.35 -0.51 | 35.92 2.35 -0.33 |
| CHAFFEE___LFGE 323603 | 26.41 -0.10 0.00 | 24.16 0.06 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.15 0.00 | 22.40 0.19 0.00 | 32.21 -0.01 0.00 | 25.59 0.20 -0.06 | 34.47 0.63 0.00 | 36.35 0.35 -0.09 | 51.23 0.20 0.00 | 41.14 -0.32 0.00 | 35.56 -0.42 0.00 | 35.22 -1.17 0.01 | 41.71 -1.21 6.15 | 48.99 -1.08 7.05 | 67.48 -1.49 0.00 | 73.85 -1.51 0.00 | 53.80 -1.00 0.00 | 43.93 -0.94 0.00 | 35.95 -0.24 0.00 | 32.93 0.29 0.00 | 33.70 0.46 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 26.64 0.13 0.00 | 23.95 -0.14 0.00 | 23.47 -0.15 0.00 | 21.56 -0.10 0.00 | 19.86 -0.21 0.00 | 13.98 -0.29 0.00 | 21.91 -0.29 0.00 | 32.38 0.17 0.00 | 25.67 0.34 0.00 | 34.23 0.38 0.00 | 36.09 0.18 0.00 | 51.17 0.14 0.00 | 41.37 -0.09 0.00 | 35.74 -0.24 0.00 | 36.03 -0.37 0.00 | 48.75 -0.33 0.00 | 56.96 -0.16 0.00 | 69.23 0.26 0.00 | 76.46 1.10 0.00 | 55.53 0.74 0.00 | 45.77 0.89 0.00 | 36.95 0.76 0.00 | 32.98 0.34 0.00 | 33.48 0.23 0.00 |
| CHATEAUG_WT_PWR 323614 | 26.65 0.15 0.00 | 23.96 -0.14 0.00 | 23.45 -0.17 0.00 | 21.54 -0.12 0.00 | 19.84 -0.23 0.00 | 13.96 -0.31 0.00 | 21.91 -0.29 0.00 | 32.38 0.16 0.00 | 25.71 0.37 0.00 | 34.24 0.40 0.00 | 36.11 0.20 0.00 | 51.19 0.16 0.00 | 41.41 -0.05 0.00 | 35.76 -0.23 0.00 | 36.04 -0.35 0.00 | 48.79 -0.28 0.00 | 56.99 -0.13 0.00 | 69.26 0.28 0.00 | 76.50 1.14 0.00 | 55.57 0.77 0.00 | 45.75 0.88 0.00 | 36.97 0.79 0.00 | 33.00 0.36 0.00 | 33.49 0.25 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 26.64 0.13 0.00 | 23.95 -0.14 0.00 | 23.47 -0.15 0.00 | 21.57 -0.10 0.00 | 19.86 -0.21 0.00 | 13.97 -0.29 0.00 | 21.92 -0.28 0.00 | 32.38 0.17 0.00 | 25.67 0.34 0.00 | 34.23 0.38 0.00 | 36.08 0.17 0.00 | 51.17 0.14 0.00 | 41.37 -0.09 0.00 | 35.74 -0.24 0.00 | 36.03 -0.37 0.00 | 48.75 -0.33 0.00 | 56.96 -0.16 0.00 | 69.23 0.25 0.00 | 76.46 1.10 0.00 | 55.54 0.74 0.00 | 45.77 0.90 0.00 | 36.95 0.76 0.00 | 32.98 0.34 0.00 | 33.48 0.24 0.00 |
| CHAUTAUQUA___LFGE 323629 | 26.30 -0.21 0.00 | 24.02 -0.08 0.00 | 23.57 -0.05 0.00 | 21.71 0.04 0.00 | 20.09 0.02 0.00 | 14.21 -0.06 0.00 | 22.64 0.44 0.00 | 32.71 0.50 0.00 | 26.06 0.66 -0.06 | 35.01 1.16 0.00 | 37.01 1.01 -0.09 | 52.16 1.13 0.00 | 41.81 0.35 0.00 | 36.13 0.14 0.00 | 35.79 -0.60 0.01 | 41.67 -0.34 7.06 | 48.99 -0.04 8.09 | 68.67 -0.31 0.00 | 74.85 -0.50 0.00 | 54.63 -0.17 0.00 | 44.72 -0.15 0.00 | 36.63 0.45 0.00 | 33.47 0.83 0.00 | 34.18 0.94 0.00 |
| CHERRYST_13_KV_LD 356241 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.19 1.57 0.00 | 23.12 1.46 0.00 | 21.45 1.38 0.00 | 56.31 1.06 -40.98 | 128.63 1.56 -104.87 | 52.91 2.29 -18.40 | 37.26 1.75 -10.18 | 36.34 2.22 -0.28 | 38.51 2.53 -0.08 | 54.89 3.86 0.00 | 44.87 3.41 0.00 | 39.19 3.19 -0.02 | 39.83 3.44 0.00 | 53.96 4.88 0.00 | 87.90 5.70 -25.08 | 99.44 6.82 -23.64 | 83.05 6.86 -0.83 | 59.63 4.83 0.00 | 48.46 3.59 0.00 | 39.09 2.71 -0.19 | 35.61 2.47 -0.51 | 36.04 2.46 -0.33 |
| CHESTROR_138KV_BK263 355645 | 27.89 1.38 0.00 | 25.29 1.20 0.00 | 24.66 1.04 0.00 | 22.63 0.96 0.00 | 20.97 0.90 0.00 | -18.15 0.69 33.11 | -61.50 1.02 84.73 | 18.81 1.46 14.87 | 18.36 1.13 8.10 | 35.03 1.41 0.23 | 37.60 1.61 -0.08 | 53.56 2.53 0.00 | 43.75 2.28 0.00 | 38.13 2.13 -0.02 | 38.74 2.34 0.00 | 52.49 3.42 0.00 | 196.10 4.02 -134.96 | 192.49 4.87 -118.65 | 80.89 4.86 -0.67 | 58.26 3.46 0.00 | 47.44 2.57 0.00 | 38.24 1.90 -0.16 | 34.77 1.72 -0.41 | 35.19 1.67 -0.27 |
| CH_MIDHUDSON___DRP 24192 | 28.17 1.66 0.00 | 25.55 1.46 0.00 | 24.91 1.28 0.00 | 22.85 1.19 0.00 | 21.19 1.12 0.00 | 29.21 0.85 -14.10 | 59.52 1.23 -36.08 | 40.31 1.76 -6.33 | 30.22 1.36 -3.52 | 35.68 1.74 -0.10 | 37.97 1.98 -0.08 | 54.07 3.03 0.00 | 44.16 2.69 0.00 | 38.51 2.51 -0.01 | 39.15 2.76 0.00 | 52.99 3.92 0.00 | 77.55 4.65 -15.78 | 89.44 5.52 -14.95 | 81.48 5.57 -0.55 | 58.79 3.99 0.00 | 47.86 2.99 0.00 | 38.53 2.22 -0.13 | 34.95 1.97 -0.34 | 35.40 1.93 -0.22 |
| CH_MISC_IPPS 23765 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.12 0.93 -7.92 | 43.85 1.38 -20.26 | 37.76 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.98 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.50 5.25 -14.13 | 88.93 6.30 -13.66 | 82.37 6.39 -0.62 | 59.36 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| CH_RES_BVR_FALLS 23983 | 26.31 -0.20 0.00 | 23.90 -0.19 0.00 | 23.49 -0.13 0.00 | 21.55 -0.11 0.00 | 19.96 -0.11 0.00 | 14.16 -0.11 0.00 | 22.02 -0.19 0.00 | 32.02 -0.19 0.00 | 25.17 -0.16 0.00 | 33.65 -0.19 0.00 | 35.64 -0.26 0.00 | 50.63 -0.40 0.00 | 41.08 -0.39 0.00 | 35.59 -0.40 0.00 | 36.01 -0.38 0.00 | 48.48 -0.59 0.00 | 56.40 -0.72 0.00 | 68.27 -0.70 0.00 | 74.80 -0.56 0.00 | 54.38 -0.42 0.00 | 44.64 -0.23 0.00 | 35.98 -0.21 0.00 | 32.40 -0.24 0.00 | 33.01 -0.24 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| CH_RES_NIAGARA 23895 | 25.65 -0.86 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.43 0.00 | 19.63 -0.44 0.00 | 13.74 -0.53 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.56 -0.77 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -2.00 0.00 | 33.54 -2.85 0.01 | 39.43 -3.73 5.92 | 46.31 -4.01 6.80 | 64.11 -4.87 0.00 | 70.18 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.70 -0.94 0.00 | 32.69 -0.55 0.00 |
| CH_RES_SYRACUSE 23985 | 26.39 -0.12 0.00 | 23.98 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.07 0.00 | 22.19 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.18 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.13 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.65 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| CLINTON_WT_PWR 323605 | 26.65 0.15 0.00 | 23.96 -0.14 0.00 | 23.45 -0.17 0.00 | 21.54 -0.12 0.00 | 19.84 -0.23 0.00 | 13.96 -0.31 0.00 | 21.91 -0.29 0.00 | 32.38 0.16 0.00 | 25.71 0.37 0.00 | 34.24 0.40 0.00 | 36.11 0.20 0.00 | 51.19 0.16 0.00 | 41.41 -0.05 0.00 | 35.76 -0.23 0.00 | 36.04 -0.35 0.00 | 48.79 -0.28 0.00 | 56.99 -0.13 0.00 | 69.26 0.28 0.00 | 76.50 1.14 0.00 | 55.57 0.77 0.00 | 45.75 0.88 0.00 | 36.97 0.79 0.00 | 33.00 0.36 0.00 | 33.49 0.25 0.00 |
| CLINTON___LFGE 323618 | 27.02 0.52 0.00 | 24.30 0.20 0.00 | 23.75 0.13 0.00 | 21.79 0.13 0.00 | 20.08 0.01 0.00 | 14.14 -0.13 0.00 | 22.22 0.01 0.00 | 32.82 0.61 0.00 | 26.05 0.71 0.00 | 34.70 0.86 0.00 | 36.60 0.69 0.00 | 51.86 0.83 0.00 | 41.94 0.48 0.00 | 36.21 0.23 0.00 | 36.53 0.13 0.00 | 49.49 0.42 0.00 | 57.78 0.66 0.00 | 70.13 1.16 0.00 | 77.51 2.16 0.00 | 56.36 1.56 0.00 | 46.38 1.50 0.00 | 37.50 1.32 0.00 | 33.46 0.82 0.00 | 33.94 0.70 0.00 |
| COBBLENY_34_KV_TB1 80064 | 26.41 -0.10 0.00 | 24.16 0.06 0.00 | 23.68 0.06 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.15 0.00 | 22.39 0.19 0.00 | 32.20 -0.01 0.00 | 25.58 0.18 -0.06 | 34.47 0.62 0.00 | 36.34 0.34 -0.09 | 51.23 0.19 0.00 | 41.14 -0.32 0.00 | 35.56 -0.42 0.00 | 35.21 -1.18 0.01 | 41.66 -1.26 6.16 | 48.96 -1.12 7.05 | 67.46 -1.52 0.00 | 73.85 -1.51 0.00 | 53.82 -0.98 0.00 | 43.94 -0.94 0.00 | 35.95 -0.24 0.00 | 32.92 0.29 0.00 | 33.70 0.46 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.27 -0.24 0.00 | 23.71 -0.39 0.00 | 23.16 -0.46 0.00 | 21.54 -0.12 0.00 | 19.78 -0.30 0.00 | 14.28 0.01 0.00 | 22.86 0.65 0.00 | 33.13 0.92 0.00 | 26.39 0.78 -0.28 | 35.11 1.27 0.00 | 37.39 1.07 -0.41 | 52.16 1.12 0.00 | 42.24 0.77 0.00 | 35.99 0.00 0.00 | 35.65 -0.75 0.00 | 48.74 -0.33 0.00 | 56.72 -0.40 0.00 | 69.47 0.49 0.00 | 77.38 2.03 0.00 | 56.27 1.48 0.00 | 45.93 1.06 0.00 | 37.26 1.08 0.00 | 33.49 0.85 0.00 | 33.97 0.72 0.00 |
| COLDSPRG_115KV_BK1 355956 | 26.90 0.39 0.00 | 24.56 0.46 0.00 | 24.07 0.45 0.00 | 22.12 0.46 0.00 | 20.47 0.40 0.00 | 14.46 0.20 0.00 | 23.13 0.93 0.00 | 33.48 1.26 0.00 | 26.73 1.31 -0.08 | 35.90 2.05 0.00 | 37.96 1.94 -0.12 | 53.43 2.39 0.00 | 42.79 1.32 0.00 | 36.97 0.98 0.00 | 36.66 0.27 0.00 | 46.04 0.94 3.98 | 54.02 1.44 4.55 | 70.29 1.32 0.00 | 76.53 1.17 0.00 | 55.88 1.08 0.00 | 45.66 0.78 0.00 | 37.37 1.19 0.00 | 34.10 1.46 0.00 | 34.76 1.51 0.00 |
| COLONIE_LFGE___ 323577 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.66 1.04 0.00 | 22.62 0.95 0.00 | 20.95 0.88 0.00 | 27.00 0.66 -12.07 | 54.05 0.94 -30.90 | 38.88 1.24 -5.42 | 29.19 0.88 -2.97 | 35.03 1.10 -0.08 | 37.15 1.24 0.00 | 52.83 1.80 0.00 | 43.04 1.57 0.00 | 37.36 1.41 0.03 | 38.00 1.61 0.00 | 51.27 2.20 0.00 | 70.34 2.47 -10.76 | 78.18 2.75 -6.46 | 76.96 2.87 1.27 | 56.93 2.13 0.00 | 46.58 1.71 0.00 | 37.17 1.28 0.29 | 32.93 1.07 0.78 | 33.78 1.05 0.51 |
| COOPERNY_115KV_TB1 80082 | 27.54 1.03 0.00 | 24.98 0.88 0.00 | 24.38 0.76 0.00 | 22.37 0.70 0.00 | 20.73 0.66 0.00 | -0.91 0.51 15.69 | -17.18 0.76 40.15 | 26.26 1.09 7.05 | 22.39 0.86 3.80 | 34.81 1.07 0.11 | 37.21 1.21 -0.09 | 52.91 1.87 0.00 | 43.16 1.69 0.00 | 37.58 1.59 -0.01 | 38.14 1.74 0.00 | 51.60 2.52 0.00 | 45.48 3.01 14.65 | 60.81 3.66 11.82 | 79.38 3.63 -0.39 | 57.41 2.61 0.00 | 46.80 1.93 0.00 | 37.71 1.43 -0.09 | 34.17 1.29 -0.24 | 34.66 1.26 -0.16 |
| COPENHAGEN_WT_PWR 323753 | 25.75 -0.76 0.00 | 23.24 -0.85 0.00 | 22.69 -0.93 0.00 | 21.17 -0.50 0.00 | 19.39 -0.67 0.00 | 14.03 -0.24 0.00 | 22.52 0.32 0.00 | 32.65 0.43 0.00 | 25.99 0.36 -0.29 | 34.55 0.70 0.00 | 36.80 0.46 -0.43 | 51.44 0.41 0.00 | 41.53 0.06 0.00 | 35.31 -0.67 0.00 | 35.12 -1.28 0.00 | 47.89 -1.18 0.00 | 55.77 -1.35 0.00 | 68.00 -0.97 0.00 | 75.86 0.51 0.00 | 55.21 0.41 0.00 | 45.06 0.19 0.00 | 36.77 0.58 0.00 | 33.08 0.44 0.00 | 33.60 0.36 0.00 |
| CORNELL_____ 23752 | 27.00 0.49 0.00 | 24.52 0.43 0.00 | 23.97 0.35 0.00 | 21.95 0.28 0.00 | 20.36 0.29 0.00 | 14.52 0.25 0.00 | 22.75 0.54 0.00 | 32.97 0.75 0.00 | 26.46 0.76 -0.36 | 34.94 1.10 0.00 | 37.59 1.14 -0.54 | 52.42 1.38 0.00 | 42.40 0.94 0.00 | 36.79 0.81 0.00 | 37.13 0.73 0.00 | 52.54 0.86 -2.60 | 61.46 1.31 -3.03 | 70.30 1.32 0.00 | 76.84 1.49 0.00 | 56.06 1.27 0.00 | 45.88 1.01 0.00 | 37.06 0.88 0.00 | 33.46 0.82 0.00 | 34.01 0.77 0.00 |
| CORONA_AAV_69_KV_TB1 355595 | 29.66 2.38 -0.78 | 26.92 2.11 -0.71 | 25.49 1.87 0.00 | 23.35 1.68 0.00 | 21.64 1.57 0.00 | 56.29 1.18 -40.84 | 142.21 1.67 -118.33 | 172.84 2.51 -138.12 | 43.63 2.08 -16.22 | 45.39 2.69 -8.86 | 41.64 2.85 -2.89 | 62.28 4.32 -6.92 | 323.47 3.78 -278.22 | 251.82 3.39 -212.44 | 153.51 3.75 -113.36 | 214.58 5.33 -160.18 | 89.43 6.15 -26.16 | 105.11 7.50 -28.63 | 87.91 7.43 -5.13 | 77.68 5.27 -17.61 | 232.35 4.17 -183.31 | 42.22 3.12 -2.91 | 35.91 2.76 -0.51 | 36.38 2.81 -0.33 |
| CORTLAND_115KV_TB3 80093 | 26.80 0.29 0.00 | 24.34 0.24 0.00 | 23.79 0.17 0.00 | 21.79 0.13 0.00 | 20.21 0.14 0.00 | 14.40 0.14 0.00 | 22.57 0.36 0.00 | 32.69 0.48 0.00 | 26.16 0.50 -0.32 | 34.57 0.73 0.00 | 37.19 0.80 -0.48 | 51.99 0.95 0.00 | 42.08 0.61 0.00 | 36.52 0.53 0.00 | 36.84 0.45 0.00 | 49.72 0.64 0.00 | 57.99 0.87 0.00 | 69.85 0.87 0.00 | 76.29 0.93 0.00 | 55.57 0.77 0.00 | 45.44 0.57 0.00 | 36.72 0.53 0.00 | 33.15 0.51 0.00 | 33.73 0.49 0.00 |
| COXSACKIE___GT 23611 | 28.52 2.01 0.00 | 25.94 1.84 0.00 | 25.33 1.71 0.00 | 23.20 1.54 0.00 | 21.50 1.43 0.00 | 23.42 1.07 -8.08 | 44.54 1.64 -20.69 | 38.17 2.33 -3.63 | 29.01 1.69 -1.99 | 36.07 2.17 -0.06 | 38.15 2.24 0.00 | 53.85 2.81 0.00 | 43.91 2.44 0.00 | 38.57 2.60 0.01 | 39.03 2.64 0.00 | 52.35 3.28 0.00 | 72.04 4.30 -10.63 | 83.00 5.79 -8.24 | 81.13 6.20 0.43 | 59.33 4.53 0.00 | 48.62 3.75 0.00 | 39.02 2.94 0.10 | 34.85 2.47 0.27 | 35.38 2.32 0.17 |
| CPV_VALLEY___CC1 323721 | 27.65 1.14 0.00 | 25.08 0.99 0.00 | 24.47 0.85 0.00 | 22.46 0.79 0.00 | 20.81 0.74 0.00 | -10.55 0.57 25.40 | -41.95 0.84 65.00 | 22.00 1.19 11.41 | 20.06 0.93 6.20 | 34.81 1.14 0.17 | 37.32 1.33 -0.09 | 53.12 2.08 0.00 | 43.37 1.90 0.00 | 37.79 1.79 -0.02 | 38.38 1.98 0.00 | 51.97 2.90 0.00 | 41.39 3.45 19.17 | 57.82 4.16 15.32 | 80.04 4.11 -0.58 | 57.71 2.91 0.00 | 46.99 2.12 0.00 | 37.87 1.56 -0.13 | 34.40 1.41 -0.35 | 34.84 1.37 -0.23 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CPV_VALLEY___CC2 323722 | 27.65 1.14 0.00 | 25.08 0.99 0.00 | 24.47 0.85 0.00 | 22.46 0.79 0.00 | 20.81 0.74 0.00 | -10.55 0.57 25.40 | -41.95 0.84 65.00 | 22.00 1.19 11.41 | 20.06 0.93 6.20 | 34.81 1.14 0.17 | 37.32 1.33 -0.09 | 53.12 2.08 0.00 | 43.37 1.90 0.00 | 37.79 1.79 -0.02 | 38.38 1.98 0.00 | 51.97 2.90 0.00 | 41.39 3.45 19.17 | 57.82 4.16 15.32 | 80.04 4.11 -0.58 | 57.71 2.91 0.00 | 46.99 2.12 0.00 | 37.87 1.56 -0.13 | 34.40 1.41 -0.35 | 34.84 1.37 -0.23 |
| CRESCENT___HYD 24018 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.66 1.04 0.00 | 22.62 0.95 0.00 | 20.95 0.88 0.00 | 27.00 0.66 -12.07 | 54.05 0.94 -30.90 | 38.88 1.24 -5.42 | 29.19 0.88 -2.97 | 35.03 1.10 -0.08 | 37.15 1.24 0.00 | 52.83 1.80 0.00 | 43.04 1.57 0.00 | 37.36 1.41 0.03 | 38.00 1.61 0.00 | 51.27 2.20 0.00 | 70.34 2.47 -10.76 | 78.18 2.75 -6.46 | 76.96 2.87 1.27 | 56.93 2.13 0.00 | 46.58 1.71 0.00 | 37.17 1.28 0.29 | 32.93 1.07 0.78 | 33.78 1.05 0.51 |
| CRICKET___VALLEY_CC1 323756 | 27.78 1.27 0.00 | 25.23 1.13 0.00 | 24.60 0.98 0.00 | 22.59 0.93 0.00 | 20.96 0.88 0.00 | 41.96 0.68 -27.02 | 92.27 0.92 -69.15 | 45.62 1.27 -12.14 | 32.93 0.95 -6.65 | 35.22 1.19 -0.18 | 37.27 1.37 0.00 | 53.17 2.14 0.00 | 43.40 1.93 0.00 | 37.45 1.79 0.32 | 38.44 2.05 0.00 | 52.09 3.02 0.00 | 79.01 3.51 -18.38 | 60.36 4.01 12.62 | 66.73 3.96 12.59 | 57.66 2.86 0.00 | 46.98 2.11 0.00 | 34.79 1.51 2.91 | 26.27 1.33 7.70 | 29.49 1.31 5.06 |
| CRICKET___VALLEY_CC2 323757 | 27.78 1.27 0.00 | 25.23 1.13 0.00 | 24.60 0.98 0.00 | 22.59 0.93 0.00 | 20.96 0.88 0.00 | 41.96 0.68 -27.02 | 92.27 0.92 -69.15 | 45.62 1.27 -12.14 | 32.93 0.95 -6.65 | 35.22 1.19 -0.18 | 37.27 1.37 0.00 | 53.17 2.14 0.00 | 43.40 1.93 0.00 | 37.45 1.79 0.32 | 38.44 2.05 0.00 | 52.09 3.02 0.00 | 79.01 3.51 -18.38 | 60.36 4.01 12.62 | 66.73 3.96 12.59 | 57.66 2.86 0.00 | 46.98 2.11 0.00 | 34.79 1.51 2.91 | 26.27 1.33 7.70 | 29.49 1.31 5.06 |
| CRICKET___VALLEY_CC3 323758 | 27.78 1.27 0.00 | 25.23 1.13 0.00 | 24.60 0.98 0.00 | 22.59 0.93 0.00 | 20.96 0.88 0.00 | 41.96 0.68 -27.02 | 92.27 0.92 -69.15 | 45.62 1.27 -12.14 | 32.93 0.95 -6.65 | 35.22 1.19 -0.18 | 37.27 1.37 0.00 | 53.17 2.14 0.00 | 43.40 1.93 0.00 | 37.45 1.79 0.32 | 38.44 2.05 0.00 | 52.09 3.02 0.00 | 79.01 3.51 -18.38 | 60.36 4.01 12.62 | 66.73 3.96 12.59 | 57.66 2.86 0.00 | 46.98 2.11 0.00 | 34.79 1.51 2.91 | 26.27 1.33 7.70 | 29.49 1.31 5.06 |
| CRUCIBLE_METL_DRP 24180 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| DAHOWA___HYDRO 323763 | 28.12 1.61 0.00 | 25.55 1.45 0.00 | 24.95 1.33 0.00 | 22.85 1.19 0.00 | 21.16 1.10 0.00 | 26.55 0.81 -11.47 | 52.78 1.21 -29.36 | 39.06 1.69 -5.15 | 29.40 1.24 -2.83 | 35.44 1.52 -0.08 | 37.54 1.64 0.00 | 53.37 2.33 0.00 | 43.46 2.00 0.00 | 37.77 1.81 0.03 | 38.48 2.08 0.00 | 51.95 2.88 0.00 | 70.66 3.19 -10.36 | 79.35 3.80 -6.58 | 78.39 4.09 1.06 | 57.84 3.05 0.00 | 47.42 2.55 0.00 | 37.91 1.97 0.24 | 33.61 1.62 0.65 | 34.38 1.57 0.43 |
| DANC___LFGE 323619 | 25.87 -0.64 0.00 | 23.41 -0.69 0.00 | 22.87 -0.75 0.00 | 21.18 -0.48 0.00 | 19.50 -0.57 0.00 | 14.02 -0.25 0.00 | 22.28 0.08 0.00 | 32.28 0.07 0.00 | 25.77 0.08 -0.36 | 34.09 0.25 0.00 | 36.52 0.08 -0.53 | 50.98 -0.06 0.00 | 41.23 -0.23 0.00 | 35.33 -0.66 0.00 | 35.29 -1.10 0.00 | 47.97 -1.11 0.00 | 55.89 -1.23 0.00 | 67.86 -1.11 0.00 | 75.12 -0.24 0.00 | 54.66 -0.13 0.00 | 44.64 -0.23 0.00 | 36.27 0.09 0.00 | 32.69 0.05 0.00 | 33.24 0.00 0.00 |
| DANSKAMMER___1 23586 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.12 0.93 -7.92 | 43.85 1.38 -20.26 | 37.76 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.98 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.50 5.25 -14.13 | 88.93 6.30 -13.66 | 82.37 6.39 -0.62 | 59.36 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| DANSKAMMER___2 23589 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.12 0.93 -7.92 | 43.85 1.38 -20.26 | 37.76 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.98 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.50 5.25 -14.13 | 88.93 6.30 -13.66 | 82.37 6.39 -0.62 | 59.36 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| DANSKAMMER___3 23590 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.12 0.93 -7.92 | 43.85 1.38 -20.26 | 37.76 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.98 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.50 5.25 -14.13 | 88.93 6.30 -13.66 | 82.37 6.39 -0.62 | 59.36 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| DANSKAMMER___4 23591 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.12 0.93 -7.92 | 43.85 1.38 -20.26 | 37.76 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.98 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.50 5.25 -14.13 | 88.93 6.30 -13.66 | 82.37 6.39 -0.62 | 59.36 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| DANSKAMMER___DIESEL 23592 | 28.34 1.84 0.00 | 25.70 1.61 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 23.11 0.93 -7.92 | 43.85 1.38 -20.26 | 37.77 1.99 -3.56 | 28.89 1.56 -2.00 | 35.88 1.99 -0.05 | 38.24 2.25 -0.08 | 54.49 3.45 0.00 | 44.54 3.07 0.00 | 38.85 2.85 -0.02 | 39.49 3.09 0.00 | 53.48 4.41 0.00 | 76.51 5.25 -14.13 | 88.94 6.30 -13.66 | 82.37 6.40 -0.62 | 59.37 4.57 0.00 | 48.31 3.44 0.00 | 38.89 2.56 -0.14 | 35.29 2.27 -0.38 | 35.71 2.21 -0.25 |
| DARBY___SOLAR 323810 | 28.07 1.55 0.00 | 25.50 1.41 0.00 | 24.92 1.29 0.00 | 22.82 1.16 0.00 | 21.14 1.07 0.00 | 26.62 0.79 -11.57 | 52.98 1.18 -29.60 | 39.04 1.63 -5.19 | 29.38 1.19 -2.85 | 35.39 1.47 -0.08 | 37.48 1.57 0.00 | 53.29 2.25 0.00 | 43.40 1.93 0.00 | 37.72 1.76 0.03 | 38.42 2.02 0.00 | 51.82 2.75 0.00 | 70.64 3.10 -10.42 | 79.21 3.69 -6.55 | 78.23 3.97 1.10 | 57.73 2.93 0.00 | 47.29 2.42 0.00 | 37.80 1.87 0.25 | 33.53 1.56 0.67 | 34.32 1.51 0.44 |
| DASHVILLE___HYD 23610 | 27.93 1.42 0.00 | 25.30 1.21 0.00 | 24.67 1.05 0.00 | 22.64 0.98 0.00 | 20.98 0.91 0.00 | 14.97 0.70 0.00 | 23.18 0.97 0.00 | 33.64 1.42 0.00 | 26.41 1.07 0.00 | 35.29 1.44 0.00 | 37.58 1.67 0.00 | 53.67 2.64 0.00 | 43.89 2.42 0.00 | 38.26 2.27 -0.01 | 38.96 2.57 0.00 | 52.67 3.59 0.00 | 71.97 4.36 -10.50 | 84.03 5.31 -9.75 | 80.83 5.19 -0.28 | 58.33 3.53 0.00 | 47.41 2.54 0.00 | 38.15 1.91 -0.06 | 34.61 1.79 -0.17 | 35.08 1.72 -0.11 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 30.66 3.37 -0.78 | 27.94 3.13 -0.71 | 26.52 2.89 0.00 | 24.29 2.63 0.00 | 22.47 2.39 0.00 | 56.85 1.74 -40.84 | 142.79 2.25 -118.33 | 172.94 2.61 -138.12 | 44.86 3.31 -16.22 | 46.85 4.14 -8.86 | 42.80 4.01 -2.89 | 64.09 6.13 -6.92 | 324.32 4.64 -278.22 | 252.78 4.35 -212.44 | 155.00 5.24 -113.37 | 235.69 7.86 -178.75 | 92.33 9.05 -26.16 | 172.29 10.90 -92.41 | 204.53 11.49 -117.68 | 81.44 8.16 -18.48 | 234.56 6.37 -183.31 | 43.89 4.79 -2.92 | 37.33 4.18 -0.51 | 37.67 4.09 -0.33 |
| DELAWARE___LFGE 323621 | 27.39 0.88 0.00 | 24.86 0.76 0.00 | 24.30 0.68 0.00 | 22.27 0.61 0.00 | 20.64 0.57 0.00 | 14.70 0.44 0.00 | 22.94 0.74 0.00 | 33.28 1.06 0.00 | 26.41 0.91 -0.17 | 35.10 1.26 0.00 | 37.50 1.34 -0.25 | 52.88 1.85 0.00 | 42.88 1.41 0.00 | 37.29 1.31 0.00 | 37.70 1.30 0.00 | 50.84 1.77 0.00 | 59.30 2.18 0.00 | 71.51 2.54 0.00 | 77.94 2.59 0.00 | 56.69 1.89 0.00 | 46.37 1.50 0.00 | 37.38 1.20 0.00 | 33.76 1.12 0.00 | 34.36 1.12 0.00 |
| DERFIELD_115KV_TB7 355931 | 26.51 0.00 0.00 | 24.10 0.00 0.00 | 23.60 -0.02 0.00 | 21.66 0.00 0.00 | 20.06 -0.01 0.00 | 14.27 0.00 0.00 | 22.23 0.02 0.00 | 32.25 0.03 0.00 | 25.36 0.02 0.00 | 33.85 0.01 0.00 | 35.94 0.03 0.00 | 51.09 0.06 0.00 | 41.54 0.07 0.00 | 36.06 0.07 0.00 | 36.47 0.08 0.00 | 49.14 0.07 0.00 | 57.20 0.08 0.00 | 68.99 0.02 0.00 | 75.36 0.00 0.00 | 54.80 0.00 0.00 | 44.88 0.00 0.00 | 36.22 0.04 0.00 | 32.67 0.03 0.00 | 33.28 0.03 0.00 |
| DOGLEVILLE___HYD 23807 | 26.60 0.09 0.00 | 24.14 0.04 0.00 | 23.51 -0.11 0.00 | 21.63 -0.03 0.00 | 19.98 -0.09 0.00 | 14.24 -0.02 0.00 | 22.27 0.07 0.00 | 32.14 -0.08 0.00 | 25.23 -0.10 0.00 | 33.53 -0.31 0.00 | 35.76 -0.14 0.00 | 51.03 -0.01 0.00 | 41.72 0.25 0.00 | 36.23 0.25 0.00 | 36.85 0.46 0.00 | 49.72 0.65 0.00 | 57.72 0.60 0.00 | 69.10 0.13 0.00 | 75.32 -0.03 0.00 | 54.68 -0.12 0.00 | 44.94 0.07 0.00 | 36.15 -0.04 0.00 | 32.46 -0.18 0.00 | 32.89 -0.36 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 26.32 -0.19 0.00 | 24.03 -0.06 0.00 | 23.58 -0.04 0.00 | 21.68 0.02 0.00 | 20.08 0.01 0.00 | 14.20 -0.06 0.00 | 22.61 0.41 0.00 | 32.65 0.43 0.00 | 26.01 0.61 -0.06 | 34.93 1.09 0.00 | 36.92 0.92 -0.09 | 52.04 1.01 0.00 | 41.73 0.26 0.00 | 36.06 0.07 0.00 | 35.73 -0.65 0.01 | 41.48 -0.44 7.16 | 48.78 -0.15 8.19 | 68.57 -0.40 0.00 | 74.78 -0.58 0.00 | 54.56 -0.24 0.00 | 44.63 -0.24 0.00 | 36.53 0.35 0.00 | 33.40 0.76 0.00 | 34.11 0.87 0.00 |
| DUNKIRK___1 23563 | 26.32 -0.19 0.00 | 24.03 -0.06 0.00 | 23.58 -0.04 0.00 | 21.68 0.02 0.00 | 20.08 0.01 0.00 | 14.20 -0.06 0.00 | 22.61 0.41 0.00 | 32.65 0.43 0.00 | 26.01 0.61 -0.06 | 34.93 1.09 0.00 | 36.92 0.92 -0.09 | 52.04 1.01 0.00 | 41.73 0.26 0.00 | 36.06 0.07 0.00 | 35.73 -0.65 0.01 | 41.48 -0.44 7.16 | 48.78 -0.15 8.19 | 68.57 -0.40 0.00 | 74.78 -0.58 0.00 | 54.56 -0.24 0.00 | 44.63 -0.24 0.00 | 36.53 0.35 0.00 | 33.40 0.76 0.00 | 34.11 0.87 0.00 |
| DUNKIRK___2 23564 | 26.32 -0.19 0.00 | 24.03 -0.06 0.00 | 23.58 -0.04 0.00 | 21.68 0.02 0.00 | 20.08 0.01 0.00 | 14.20 -0.06 0.00 | 22.61 0.41 0.00 | 32.65 0.43 0.00 | 26.01 0.61 -0.06 | 34.93 1.09 0.00 | 36.92 0.92 -0.09 | 52.04 1.01 0.00 | 41.73 0.26 0.00 | 36.06 0.07 0.00 | 35.73 -0.65 0.01 | 41.48 -0.44 7.16 | 48.78 -0.15 8.19 | 68.57 -0.40 0.00 | 74.78 -0.58 0.00 | 54.56 -0.24 0.00 | 44.63 -0.24 0.00 | 36.53 0.35 0.00 | 33.40 0.76 0.00 | 34.11 0.87 0.00 |
| DUNKIRK___3 23565 | 26.32 -0.19 0.00 | 24.04 -0.06 0.00 | 23.56 -0.06 0.00 | 21.63 -0.03 0.00 | 20.04 -0.03 0.00 | 14.16 -0.11 0.00 | 22.51 0.30 0.00 | 32.45 0.24 0.00 | 25.82 0.43 -0.06 | 34.70 0.85 0.00 | 36.65 0.65 -0.09 | 51.63 0.59 0.00 | 41.43 -0.04 0.00 | 35.82 -0.17 0.00 | 35.49 -0.90 0.01 | 40.71 -0.77 7.59 | 47.87 -0.56 8.69 | 68.07 -0.90 0.00 | 74.30 -1.06 0.00 | 54.19 -0.61 0.00 | 44.31 -0.56 0.00 | 36.25 0.07 0.00 | 33.15 0.51 0.00 | 33.90 0.66 0.00 |
| DUNKIRK___4 23566 | 26.33 -0.18 0.00 | 24.06 -0.03 0.00 | 23.61 -0.01 0.00 | 21.68 0.01 0.00 | 20.05 -0.02 0.00 | 14.16 -0.11 0.00 | 22.51 0.30 0.00 | 32.45 0.24 0.00 | 25.82 0.43 -0.06 | 34.70 0.85 0.00 | 36.65 0.65 -0.09 | 51.63 0.59 0.00 | 41.43 -0.04 0.00 | 35.82 -0.17 0.00 | 35.49 -0.90 0.01 | 40.71 -0.77 7.59 | 47.87 -0.56 8.69 | 68.07 -0.90 0.00 | 74.30 -1.06 0.00 | 54.19 -0.61 0.00 | 44.31 -0.56 0.00 | 36.25 0.07 0.00 | 33.15 0.51 0.00 | 33.90 0.66 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 28.35 1.84 0.00 | 25.70 1.60 0.00 | 25.04 1.42 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 56.17 0.95 -40.96 | 128.41 1.38 -104.82 | 52.62 2.01 -18.40 | 37.01 1.54 -10.14 | 36.08 1.96 -0.28 | 38.19 2.21 -0.08 | 54.42 3.38 0.00 | 44.47 3.00 0.00 | 38.81 2.80 -0.02 | 39.46 3.06 0.00 | 53.44 4.37 0.00 | 87.31 5.12 -25.07 | 98.73 6.12 -23.63 | 82.33 6.15 -0.83 | 59.17 4.37 0.00 | 48.15 3.27 0.00 | 38.83 2.46 -0.19 | 35.37 2.22 -0.51 | 35.79 2.21 -0.33 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 28.08 1.57 0.00 | 25.46 1.36 0.00 | 24.81 1.20 0.00 | 22.77 1.10 0.00 | 21.10 1.03 0.00 | 6.16 0.79 8.89 | 0.60 1.16 22.76 | 29.90 1.68 3.99 | 24.50 1.31 2.14 | 35.42 1.64 0.06 | 37.86 1.87 -0.08 | 53.93 2.89 0.00 | 44.06 2.60 0.00 | 38.42 2.42 -0.02 | 39.04 2.65 0.00 | 52.89 3.82 0.00 | 71.52 4.55 -9.85 | 84.43 5.51 -9.94 | 81.52 5.55 -0.61 | 58.75 3.95 0.00 | 47.81 2.94 0.00 | 38.51 2.18 -0.14 | 34.97 1.96 -0.38 | 35.40 1.91 -0.25 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 28.39 1.88 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.04 1.37 0.00 | 21.36 1.29 0.00 | 56.27 1.03 -40.97 | 128.54 1.48 -104.85 | 52.76 2.15 -18.40 | 37.10 1.59 -10.18 | 36.17 2.05 -0.28 | 38.26 2.28 -0.08 | 54.49 3.45 0.00 | 44.64 3.18 0.00 | 38.92 2.92 -0.02 | 39.54 3.15 0.00 | 53.56 4.48 0.00 | 87.44 5.25 -25.07 | 98.98 6.37 -23.64 | 82.44 6.25 -0.83 | 59.28 4.48 0.00 | 48.23 3.36 0.00 | 38.90 2.52 -0.19 | 35.45 2.30 -0.51 | 35.89 2.31 -0.33 |
| E179THST_13_KV_LOAD 356214 | 28.56 2.05 0.00 | 25.91 1.81 0.00 | 25.23 1.61 0.00 | 23.17 1.50 0.00 | 21.48 1.41 0.00 | 56.35 1.11 -40.97 | 128.68 1.61 -104.85 | 52.97 2.35 -18.40 | 37.27 1.76 -10.18 | 36.39 2.26 -0.28 | 38.51 2.53 -0.08 | 54.83 3.80 0.00 | 44.93 3.47 0.00 | 39.17 3.17 -0.02 | 39.81 3.41 0.00 | 53.92 4.85 0.00 | 87.85 5.66 -25.07 | 99.50 6.89 -23.64 | 82.98 6.80 -0.83 | 59.67 4.87 0.00 | 48.54 3.67 0.00 | 39.15 2.77 -0.19 | 35.67 2.53 -0.51 | 36.11 2.53 -0.33 |
| EAST HAMPTON___GT 23717 | 31.18 3.89 -0.78 | 28.37 3.57 -0.71 | 26.92 3.31 0.00 | 24.67 3.00 0.00 | 22.80 2.73 0.00 | 57.10 1.99 -40.84 | 143.11 2.57 -118.33 | 173.11 2.78 -138.12 | 45.58 4.02 -16.22 | 47.68 4.97 -8.86 | 43.55 4.75 -2.89 | 65.17 7.21 -6.92 | 324.80 5.12 -278.22 | 253.38 4.95 -212.44 | 155.83 6.07 -113.37 | 236.87 9.04 -178.75 | 93.69 10.40 -26.17 | 173.94 12.54 -92.43 | 206.33 13.27 -117.70 | 82.75 9.46 -18.48 | 235.54 7.36 -183.31 | 44.65 5.55 -2.92 | 38.01 4.86 -0.51 | 38.40 4.82 -0.33 |
| EAST RIVER___6 23660 | 28.47 1.96 0.00 | 25.81 1.72 0.00 | 25.16 1.54 0.00 | 23.10 1.44 0.00 | 21.43 1.35 0.00 | 56.29 1.05 -40.98 | 128.58 1.50 -104.87 | 52.84 2.22 -18.40 | 37.19 1.68 -10.18 | 36.27 2.15 -0.28 | 38.40 2.42 -0.08 | 54.75 3.72 0.00 | 44.75 3.29 0.00 | 39.09 3.08 -0.02 | 39.75 3.35 0.00 | 53.87 4.79 0.00 | 87.80 5.61 -25.08 | 99.35 6.73 -23.64 | 83.00 6.81 -0.83 | 59.60 4.80 0.00 | 48.46 3.59 0.00 | 39.07 2.70 -0.19 | 35.60 2.45 -0.51 | 36.02 2.44 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| EAST RIVER___7 23524 | 28.47 1.96 0.00 | 25.81 1.72 0.00 | 25.16 1.54 0.00 | 23.10 1.44 0.00 | 21.43 1.35 0.00 | 56.29 1.05 -40.98 | 128.58 1.50 -104.87 | 52.84 2.22 -18.40 | 37.19 1.68 -10.18 | 36.27 2.15 -0.28 | 38.40 2.42 -0.08 | 54.75 3.72 0.00 | 44.75 3.29 0.00 | 39.09 3.08 -0.02 | 39.75 3.35 0.00 | 53.87 4.79 0.00 | 87.80 5.61 -25.08 | 99.35 6.73 -23.64 | 83.00 6.81 -0.83 | 59.60 4.80 0.00 | 48.46 3.59 0.00 | 39.07 2.70 -0.19 | 35.60 2.45 -0.51 | 36.02 2.44 -0.33 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 28.27 1.76 0.00 | 25.63 1.54 0.00 | 24.98 1.36 0.00 | 22.91 1.25 0.00 | 21.25 1.18 0.00 | 57.15 0.90 -41.99 | 130.97 1.32 -107.45 | 52.98 1.91 -18.86 | 37.18 1.47 -10.38 | 36.00 1.86 -0.29 | 38.11 2.12 -0.08 | 54.29 3.25 0.00 | 44.36 2.89 0.00 | 38.71 2.71 -0.02 | 39.36 2.96 0.00 | 53.32 4.25 0.00 | 87.74 4.98 -25.65 | 99.08 5.97 -24.13 | 82.16 5.97 -0.82 | 59.03 4.24 0.00 | 48.03 3.16 0.00 | 38.74 2.37 -0.19 | 35.28 2.13 -0.51 | 35.70 2.12 -0.33 |
| EAST_HAMPTON___DIESEL 23722 | 31.18 3.89 -0.78 | 28.38 3.57 -0.71 | 26.92 3.31 0.00 | 24.67 3.00 0.00 | 22.80 2.73 0.00 | 57.10 1.99 -40.84 | 143.11 2.57 -118.33 | 173.12 2.79 -138.12 | 45.58 4.02 -16.22 | 47.68 4.97 -8.86 | 43.56 4.76 -2.89 | 65.19 7.23 -6.92 | 324.83 5.14 -278.22 | 253.40 4.97 -212.44 | 155.84 6.07 -113.37 | 236.89 9.06 -178.75 | 93.72 10.44 -26.17 | 173.97 12.56 -92.43 | 206.35 13.29 -117.70 | 82.77 9.48 -18.48 | 235.55 7.37 -183.31 | 44.66 5.55 -2.92 | 38.01 4.86 -0.51 | 38.40 4.82 -0.33 |
| EAST_PULASKI___ESR 323781 | 25.99 -0.52 0.00 | 23.58 -0.51 0.00 | 23.05 -0.57 0.00 | 21.22 -0.45 0.00 | 19.62 -0.45 0.00 | 14.01 -0.26 0.00 | 22.06 -0.15 0.00 | 31.94 -0.28 0.00 | 25.68 -0.17 -0.52 | 33.69 -0.15 0.00 | 36.44 -0.24 -0.78 | 50.59 -0.45 0.00 | 40.99 -0.48 0.00 | 35.36 -0.62 0.00 | 35.51 -0.89 0.00 | 48.06 -1.02 0.00 | 56.03 -1.09 0.00 | 67.77 -1.21 0.00 | 74.45 -0.90 0.00 | 54.16 -0.64 0.00 | 44.26 -0.61 0.00 | 35.83 -0.35 0.00 | 32.34 -0.30 0.00 | 32.92 -0.32 0.00 |
| EAST_RIVER___1 323558 | 28.43 1.93 0.00 | 25.77 1.67 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.37 1.30 0.00 | 56.26 1.01 -40.98 | 128.54 1.46 -104.87 | 52.75 2.13 -18.40 | 37.13 1.62 -10.18 | 36.18 2.05 -0.28 | 38.33 2.34 -0.08 | 54.62 3.58 0.00 | 44.64 3.17 0.00 | 38.99 2.99 -0.02 | 39.64 3.24 0.00 | 53.69 4.61 0.00 | 87.59 5.39 -25.08 | 99.08 6.47 -23.64 | 82.69 6.50 -0.83 | 59.39 4.59 0.00 | 48.29 3.42 0.00 | 38.95 2.57 -0.19 | 35.50 2.35 -0.51 | 35.92 2.35 -0.33 |
| EAST_RIVER___2 323559 | 28.47 1.96 0.00 | 25.81 1.72 0.00 | 25.16 1.54 0.00 | 23.10 1.44 0.00 | 21.43 1.35 0.00 | 56.29 1.05 -40.98 | 128.58 1.50 -104.87 | 52.84 2.22 -18.40 | 37.19 1.68 -10.18 | 36.27 2.15 -0.28 | 38.40 2.42 -0.08 | 54.75 3.72 0.00 | 44.75 3.29 0.00 | 39.09 3.08 -0.02 | 39.75 3.35 0.00 | 53.87 4.79 0.00 | 87.80 5.61 -25.08 | 99.35 6.73 -23.64 | 83.00 6.81 -0.83 | 59.60 4.80 0.00 | 48.46 3.59 0.00 | 39.07 2.70 -0.19 | 35.60 2.45 -0.51 | 36.02 2.44 -0.33 |
| EAST___DELAWARE_HYD 23607 | 27.93 1.42 0.00 | 25.30 1.20 0.00 | 24.64 1.02 0.00 | 22.59 0.93 0.00 | 20.94 0.87 0.00 | 7.53 0.67 7.40 | 4.25 0.99 18.95 | 30.34 1.46 3.33 | 24.75 1.18 1.77 | 35.11 1.32 0.05 | 36.59 0.60 -0.09 | 52.27 1.23 0.00 | 42.80 1.33 0.00 | 37.28 1.29 -0.01 | 37.93 1.54 0.00 | 51.56 2.49 0.00 | 60.28 3.16 0.00 | 73.91 4.03 -0.90 | 79.77 4.02 -0.40 | 57.69 2.89 0.00 | 46.89 2.02 0.00 | 37.72 1.44 -0.09 | 34.77 1.89 -0.24 | 35.22 1.82 -0.16 |
| EIGHT_POINT___WT_PWR 323820 | 25.51 -1.00 0.00 | 23.35 -0.74 0.00 | 23.26 -0.36 0.00 | 21.29 -0.38 0.00 | 19.59 -0.48 0.00 | 13.89 -0.38 0.00 | 22.16 -0.05 0.00 | 32.00 -0.21 0.00 | 25.73 0.23 -0.16 | 34.56 0.72 0.00 | 36.87 0.72 -0.24 | 51.62 0.59 0.00 | 41.12 -0.35 0.00 | 35.25 -0.73 0.00 | 34.76 -1.66 -0.02 | 72.22 -2.16 -25.31 | 84.26 -1.90 -29.03 | 66.71 -2.27 0.00 | 73.15 -2.21 0.00 | 53.63 -1.17 0.00 | 44.20 -0.67 0.00 | 36.26 0.08 0.00 | 32.81 0.17 0.00 | 33.52 0.28 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 26.33 -0.18 0.00 | 23.93 -0.16 0.00 | 23.43 -0.19 0.00 | 21.47 -0.19 0.00 | 19.92 -0.15 0.00 | 14.17 -0.10 0.00 | 22.14 -0.06 0.00 | 32.09 -0.12 0.00 | 25.85 0.05 -0.46 | 34.01 0.17 0.00 | 36.70 0.11 -0.69 | 50.93 -0.11 0.00 | 41.30 -0.16 0.00 | 35.85 -0.13 0.00 | 36.08 -0.31 0.00 | 48.71 -0.37 0.00 | 56.84 -0.28 0.00 | 68.62 -0.35 0.00 | 74.90 -0.46 0.00 | 54.53 -0.27 0.00 | 44.59 -0.28 0.00 | 35.97 -0.21 0.00 | 32.53 -0.11 0.00 | 33.14 -0.11 0.00 |
| ELEC_TRO_TEK 24086 | 29.47 2.19 -0.78 | 26.74 1.94 -0.71 | 25.33 1.71 0.00 | 23.19 1.53 0.00 | 21.50 1.43 0.00 | 56.19 1.08 -40.84 | 142.06 1.53 -118.33 | 172.65 2.32 -138.12 | 43.50 1.94 -16.22 | 45.20 2.50 -8.86 | 41.42 2.62 -2.89 | 61.97 4.02 -6.92 | 323.18 3.49 -278.22 | 251.53 3.10 -212.44 | 153.23 3.47 -113.36 | 214.15 4.90 -160.18 | 88.91 5.63 -26.16 | 104.47 6.86 -28.63 | 87.37 6.89 -5.13 | 77.28 4.87 -17.61 | 232.00 3.82 -183.31 | 41.97 2.87 -2.91 | 35.71 2.56 -0.51 | 36.12 2.54 -0.33 |
| ELLENBURG_WT_PWR 323604 | 26.65 0.15 0.00 | 23.96 -0.14 0.00 | 23.45 -0.17 0.00 | 21.54 -0.12 0.00 | 19.84 -0.23 0.00 | 13.96 -0.31 0.00 | 21.91 -0.29 0.00 | 32.38 0.16 0.00 | 25.71 0.37 0.00 | 34.24 0.40 0.00 | 36.11 0.20 0.00 | 51.19 0.16 0.00 | 41.41 -0.05 0.00 | 35.76 -0.23 0.00 | 36.04 -0.35 0.00 | 48.79 -0.28 0.00 | 56.99 -0.13 0.00 | 69.26 0.28 0.00 | 76.50 1.14 0.00 | 55.57 0.77 0.00 | 45.75 0.88 0.00 | 36.97 0.79 0.00 | 33.00 0.36 0.00 | 33.49 0.25 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 26.23 -0.28 0.00 | 24.04 -0.05 0.00 | 23.58 -0.04 0.00 | 21.60 -0.06 0.00 | 19.98 -0.09 0.00 | 14.05 -0.22 0.00 | 22.29 0.09 0.00 | 32.02 -0.19 0.00 | 25.36 0.02 0.00 | 34.25 0.40 0.00 | 35.99 0.08 0.00 | 50.78 -0.26 0.00 | 40.75 -0.72 0.00 | 35.22 -0.77 0.00 | 34.84 -1.55 0.01 | 39.19 -1.85 8.04 | 46.09 -1.82 9.20 | 66.67 -2.30 0.00 | 72.98 -2.37 0.00 | 53.18 -1.62 0.00 | 43.49 -1.38 0.00 | 35.63 -0.55 0.00 | 32.68 0.04 0.00 | 33.53 0.28 0.00 |
| EMPIRE_CC_1 323656 | 27.32 0.82 0.00 | 24.94 0.84 0.00 | 24.41 0.79 0.00 | 22.40 0.73 0.00 | 20.75 0.68 0.00 | 29.55 0.51 -14.77 | 60.65 0.63 -37.81 | 39.61 0.76 -6.63 | 29.44 0.47 -3.64 | 34.51 0.56 -0.10 | 36.57 0.66 0.00 | 52.02 0.99 0.00 | 42.39 0.93 0.00 | 36.78 0.84 0.04 | 37.44 1.05 0.00 | 50.52 1.45 0.00 | 71.06 1.62 -12.32 | 77.56 1.65 -6.94 | 75.34 1.64 1.65 | 56.02 1.22 0.00 | 45.82 0.94 0.00 | 36.45 0.65 0.38 | 32.17 0.54 1.01 | 33.10 0.53 0.67 |
| EMPIRE_CC_2 323658 | 27.32 0.82 0.00 | 24.94 0.84 0.00 | 24.41 0.79 0.00 | 22.40 0.73 0.00 | 20.75 0.68 0.00 | 29.55 0.51 -14.77 | 60.65 0.63 -37.81 | 39.61 0.76 -6.63 | 29.44 0.47 -3.64 | 34.51 0.56 -0.10 | 36.57 0.66 0.00 | 52.02 0.99 0.00 | 42.39 0.93 0.00 | 36.78 0.84 0.04 | 37.44 1.05 0.00 | 50.52 1.45 0.00 | 71.06 1.62 -12.32 | 77.56 1.65 -6.94 | 75.34 1.64 1.65 | 56.02 1.22 0.00 | 45.82 0.94 0.00 | 36.45 0.65 0.38 | 32.17 0.54 1.01 | 33.10 0.53 0.67 |
| ENORWICH_115KV_TB1 80156 | 28.13 1.62 0.00 | 25.54 1.44 0.00 | 24.87 1.25 0.00 | 22.65 0.99 0.00 | 21.05 0.98 0.00 | 15.16 0.89 0.00 | 23.88 1.67 0.00 | 34.67 2.45 0.00 | 27.77 2.13 -0.30 | 36.72 2.88 0.00 | 39.34 2.97 -0.45 | 55.19 4.16 0.00 | 44.61 3.14 0.00 | 38.77 2.78 0.00 | 39.24 2.84 0.00 | 53.80 3.46 -1.27 | 63.54 4.96 -1.47 | 73.76 4.78 0.00 | 80.18 4.82 0.00 | 58.95 4.15 0.00 | 48.30 3.43 0.00 | 38.88 2.70 0.00 | 35.07 2.42 0.00 | 35.51 2.27 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| ERIE_ST__34_KV_TB1-2 80199 | 26.57 0.06 0.00 | 24.31 0.21 0.00 | 23.81 0.20 0.00 | 21.79 0.13 0.00 | 20.17 0.09 0.00 | 14.19 -0.08 0.00 | 22.53 0.33 0.00 | 32.41 0.19 0.00 | 25.75 0.36 -0.05 | 34.71 0.87 0.00 | 36.60 0.61 -0.08 | 51.55 0.51 0.00 | 41.43 -0.04 0.00 | 35.86 -0.12 0.00 | 35.51 -0.88 0.01 | 41.55 -0.78 6.74 | 48.80 -0.60 7.72 | 67.96 -1.01 0.00 | 74.38 -0.97 0.00 | 54.16 -0.63 0.00 | 44.22 -0.65 0.00 | 36.16 -0.02 0.00 | 33.08 0.45 0.00 | 33.89 0.65 0.00 |
| ERIE_WT_PWR 323693 | 26.37 -0.14 0.00 | 24.15 0.05 0.00 | 23.68 0.06 0.00 | 21.70 0.04 0.00 | 20.07 0.00 0.00 | 14.12 -0.15 0.00 | 22.42 0.21 0.00 | 32.22 0.01 0.00 | 25.55 0.22 0.00 | 34.48 0.63 0.00 | 36.29 0.38 0.00 | 51.19 0.15 0.00 | 41.06 -0.41 0.00 | 35.47 -0.51 0.00 | 35.10 -1.29 0.01 | 40.00 -1.43 7.64 | 47.01 -1.35 8.75 | 67.16 -1.81 0.00 | 73.56 -1.80 0.00 | 53.63 -1.17 0.00 | 43.86 -1.01 0.00 | 35.91 -0.27 0.00 | 32.90 0.26 0.00 | 33.73 0.49 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 28.00 1.49 0.00 | 25.34 1.25 0.00 | 24.86 1.24 0.00 | 22.84 1.17 0.00 | 21.12 1.05 0.00 | 20.60 0.83 -5.50 | 37.70 1.42 -14.07 | 36.90 2.21 -2.47 | 28.72 2.04 -1.34 | 37.05 3.17 -0.03 | 39.18 3.12 -0.16 | 55.29 4.25 0.00 | 44.14 2.68 0.00 | 38.22 2.24 0.01 | 38.40 2.01 0.00 | 51.72 2.65 0.00 | 65.68 3.49 -5.07 | 76.53 4.13 -3.42 | 79.51 4.59 0.43 | 58.22 3.42 0.00 | 47.75 2.88 0.00 | 38.54 2.46 0.10 | 34.64 2.26 0.26 | 35.40 2.32 0.17 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 26.98 0.47 0.00 | 24.50 0.41 0.00 | 23.95 0.33 0.00 | 21.93 0.27 0.00 | 20.34 0.27 0.00 | 14.50 0.24 0.00 | 22.73 0.52 0.00 | 32.93 0.71 0.00 | 26.44 0.74 -0.37 | 34.89 1.05 0.00 | 37.55 1.08 -0.56 | 52.34 1.31 0.00 | 42.33 0.87 0.00 | 36.75 0.76 0.00 | 37.08 0.68 0.00 | 52.06 0.82 -2.17 | 60.91 1.27 -2.52 | 70.24 1.26 0.00 | 76.75 1.40 0.00 | 56.01 1.21 0.00 | 45.82 0.95 0.00 | 37.01 0.83 0.00 | 33.41 0.77 0.00 | 33.98 0.74 0.00 |
| ETNA____115KV_TB2 80207 | 26.98 0.47 0.00 | 24.50 0.41 0.00 | 23.95 0.33 0.00 | 21.93 0.27 0.00 | 20.34 0.27 0.00 | 14.50 0.24 0.00 | 22.73 0.52 0.00 | 32.93 0.71 0.00 | 26.44 0.74 -0.37 | 34.89 1.05 0.00 | 37.55 1.08 -0.56 | 52.34 1.31 0.00 | 42.33 0.87 0.00 | 36.75 0.76 0.00 | 37.08 0.68 0.00 | 52.06 0.82 -2.17 | 60.91 1.27 -2.52 | 70.24 1.26 0.00 | 76.75 1.40 0.00 | 56.01 1.21 0.00 | 45.82 0.95 0.00 | 37.01 0.83 0.00 | 33.41 0.77 0.00 | 33.98 0.74 0.00 |
| EUCLID____115KV_TB2 356179 | 26.10 -0.41 0.00 | 23.73 -0.36 0.00 | 23.21 -0.41 0.00 | 21.27 -0.39 0.00 | 19.72 -0.35 0.00 | 14.02 -0.24 0.00 | 21.94 -0.26 0.00 | 31.77 -0.45 0.00 | 25.09 -0.33 -0.09 | 33.42 -0.42 0.00 | 35.61 -0.43 -0.13 | 50.45 -0.58 0.00 | 40.93 -0.53 0.00 | 35.49 -0.49 0.00 | 35.76 -0.64 0.00 | 48.22 -0.85 0.00 | 56.21 -0.91 0.00 | 67.85 -1.12 0.00 | 74.13 -1.22 0.00 | 53.93 -0.87 0.00 | 44.08 -0.79 0.00 | 35.62 -0.56 0.00 | 32.21 -0.43 0.00 | 32.82 -0.43 0.00 |
| E_CANADA_CAP_HY 24051 | 28.46 1.96 0.00 | 25.76 1.66 0.00 | 25.29 1.67 0.00 | 23.29 1.63 0.00 | 21.53 1.45 0.00 | 23.35 1.12 -7.96 | 44.38 1.81 -20.36 | 38.57 2.78 -3.57 | 29.79 2.56 -1.89 | 37.91 4.02 -0.05 | 39.85 3.82 -0.12 | 56.25 5.21 0.00 | 44.61 3.14 0.00 | 38.53 2.56 0.02 | 38.67 2.28 0.00 | 52.17 3.10 0.00 | 68.64 4.20 -7.32 | 78.87 4.90 -4.99 | 80.38 5.62 0.60 | 59.01 4.21 0.00 | 48.53 3.66 0.00 | 39.16 3.11 0.14 | 35.09 2.81 0.37 | 35.91 2.91 0.24 |
| E_CANADA_MHWK_HY 24050 | 26.60 0.09 0.00 | 24.14 0.04 0.00 | 23.51 -0.11 0.00 | 21.63 -0.03 0.00 | 19.98 -0.09 0.00 | 14.24 -0.02 0.00 | 22.27 0.07 0.00 | 32.14 -0.08 0.00 | 25.23 -0.10 0.00 | 33.53 -0.31 0.00 | 35.76 -0.14 0.00 | 51.03 -0.01 0.00 | 41.72 0.25 0.00 | 36.23 0.25 0.00 | 36.85 0.46 0.00 | 49.72 0.65 0.00 | 57.72 0.60 0.00 | 69.10 0.13 0.00 | 75.32 -0.03 0.00 | 54.68 -0.12 0.00 | 44.94 0.07 0.00 | 36.15 -0.04 0.00 | 32.46 -0.18 0.00 | 32.89 -0.36 0.00 |
| E_FISHKILL____LBMP 23776 | 28.03 1.52 0.00 | 25.42 1.33 0.00 | 24.79 1.17 0.00 | 22.75 1.09 0.00 | 21.09 1.02 0.00 | 46.24 0.78 -31.19 | 103.15 1.12 -79.82 | 47.82 1.60 -14.01 | 34.28 1.22 -7.73 | 35.59 1.54 -0.21 | 37.74 1.76 -0.08 | 53.73 2.70 0.00 | 43.88 2.41 0.00 | 38.27 2.26 -0.02 | 38.89 2.49 0.00 | 52.65 3.58 0.00 | 80.86 4.20 -19.54 | 92.85 4.98 -18.90 | 81.17 4.96 -0.85 | 58.35 3.55 0.00 | 47.51 2.64 0.00 | 38.34 1.96 -0.20 | 34.92 1.76 -0.52 | 35.33 1.74 -0.34 |
| FALCON____SEABRD_CC1 323796 | 27.03 0.52 0.00 | 24.30 0.20 0.00 | 23.75 0.13 0.00 | 21.79 0.12 0.00 | 20.08 0.01 0.00 | 14.14 -0.13 0.00 | 22.20 0.00 0.00 | 32.78 0.56 0.00 | 26.03 0.70 0.00 | 34.68 0.84 0.00 | 36.57 0.67 0.00 | 51.83 0.79 0.00 | 41.95 0.49 0.00 | 36.23 0.25 0.00 | 36.53 0.13 0.00 | 49.52 0.45 0.00 | 57.75 0.63 0.00 | 70.11 1.14 0.00 | 77.48 2.12 0.00 | 56.32 1.53 0.00 | 46.36 1.49 0.00 | 37.50 1.32 0.00 | 33.48 0.84 0.00 | 33.97 0.72 0.00 |
| FALCON____SEABRD_CC2 323797 | 27.03 0.52 0.00 | 24.30 0.20 0.00 | 23.75 0.13 0.00 | 21.79 0.12 0.00 | 20.08 0.01 0.00 | 14.14 -0.13 0.00 | 22.20 0.00 0.00 | 32.78 0.56 0.00 | 26.03 0.70 0.00 | 34.68 0.84 0.00 | 36.57 0.67 0.00 | 51.83 0.79 0.00 | 41.95 0.49 0.00 | 36.23 0.25 0.00 | 36.53 0.13 0.00 | 49.52 0.45 0.00 | 57.75 0.63 0.00 | 70.11 1.14 0.00 | 77.48 2.12 0.00 | 56.32 1.53 0.00 | 46.36 1.49 0.00 | 37.50 1.32 0.00 | 33.48 0.84 0.00 | 33.97 0.72 0.00 |
| FAR ROCKAWAY____4 23548 | 29.90 2.61 -0.78 | 27.17 2.36 -0.71 | 25.73 2.11 0.00 | 23.55 1.88 0.00 | 21.82 1.76 0.00 | 56.43 1.32 -40.84 | 142.43 1.90 -118.33 | 173.11 2.78 -138.12 | 43.84 2.28 -16.22 | 45.70 2.99 -8.86 | 41.97 3.16 -2.89 | 62.79 4.84 -6.92 | 323.93 4.24 -278.22 | 252.23 3.80 -212.44 | 153.88 4.12 -113.36 | 215.19 5.94 -160.18 | 90.16 6.89 -26.16 | 105.98 8.37 -28.63 | 88.47 7.98 -5.13 | 78.06 5.65 -17.61 | 232.65 4.47 -183.31 | 42.40 3.30 -2.91 | 36.02 2.87 -0.51 | 36.68 3.10 -0.33 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 28.46 1.95 0.00 | 25.79 1.69 0.00 | 25.12 1.50 0.00 | 23.05 1.39 0.00 | 21.38 1.31 0.00 | 56.26 1.01 -40.98 | 128.56 1.48 -104.87 | 52.78 2.16 -18.40 | 37.15 1.65 -10.18 | 36.20 2.08 -0.28 | 38.35 2.37 -0.08 | 54.64 3.61 0.00 | 44.66 3.20 0.00 | 39.01 3.01 -0.02 | 39.66 3.26 0.00 | 53.73 4.65 0.00 | 87.62 5.43 -25.08 | 99.13 6.52 -23.64 | 82.72 6.54 -0.83 | 59.43 4.63 0.00 | 48.32 3.45 0.00 | 38.97 2.59 -0.19 | 35.51 2.37 -0.51 | 35.94 2.36 -0.33 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 28.49 1.98 0.00 | 25.81 1.72 0.00 | 25.14 1.52 0.00 | 23.07 1.41 0.00 | 21.40 1.33 0.00 | 56.27 1.03 -40.98 | 128.58 1.50 -104.87 | 52.80 2.19 -18.40 | 37.17 1.66 -10.18 | 36.22 2.10 -0.28 | 38.37 2.38 -0.08 | 54.67 3.64 0.00 | 44.70 3.23 0.00 | 39.04 3.03 -0.02 | 39.68 3.29 0.00 | 53.76 4.69 0.00 | 87.67 5.47 -25.08 | 99.19 6.58 -23.64 | 82.79 6.61 -0.83 | 59.49 4.69 0.00 | 48.36 3.49 0.00 | 39.00 2.63 -0.19 | 35.55 2.40 -0.51 | 35.98 2.40 -0.33 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 28.44 1.93 0.00 | 25.77 1.67 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.37 1.30 0.00 | 56.25 1.01 -40.98 | 128.54 1.47 -104.87 | 52.76 2.14 -18.40 | 37.14 1.63 -10.18 | 36.18 2.06 -0.28 | 38.33 2.34 -0.08 | 54.61 3.58 0.00 | 44.63 3.16 0.00 | 38.98 2.98 -0.02 | 39.63 3.23 0.00 | 53.69 4.62 0.00 | 87.58 5.38 -25.08 | 99.09 6.47 -23.64 | 82.67 6.48 -0.83 | 59.38 4.58 0.00 | 48.28 3.41 0.00 | 38.93 2.56 -0.19 | 35.49 2.34 -0.51 | 35.92 2.34 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|---------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| FARRAGUT___LBMP 323566 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.98 | 128.52 1.44 -104.87 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.13 2.01 -0.28 | 38.28 2.29 -0.08 | 54.54 3.50 0.00 | 44.58 3.11 0.00 | 38.94 2.93 -0.02 | 39.58 3.19 0.00 | 53.62 4.54 0.00 | 87.50 5.30 -25.08 | 98.98 6.37 -23.64 | 82.57 6.39 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.52 -0.19 | 35.46 2.31 -0.51 | 35.89 2.32 -0.33 |
| FENNER___WINDPWR 24204 | 26.83 0.33 0.00 | 24.35 0.25 0.00 | 23.82 0.19 0.00 | 21.83 0.16 0.00 | 20.22 0.15 0.00 | 14.43 0.16 0.00 | 22.66 0.45 0.00 | 32.88 0.67 0.00 | 26.13 0.60 -0.20 | 34.74 0.90 0.00 | 37.19 0.99 -0.30 | 52.34 1.31 0.00 | 42.43 0.96 0.00 | 36.81 0.82 0.00 | 37.17 0.77 0.00 | 50.03 0.96 0.00 | 58.28 1.16 0.00 | 70.11 1.13 0.00 | 76.49 1.13 0.00 | 55.81 1.01 0.00 | 45.67 0.80 0.00 | 36.89 0.71 0.00 | 33.27 0.63 0.00 | 33.86 0.62 0.00 |
| FIBERTEK___ENERGY 23856 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| FITZPATRICK____ 23598 | 25.67 -0.84 0.00 | 23.35 -0.75 0.00 | 22.85 -0.77 0.00 | 20.95 -0.72 0.00 | 19.42 -0.65 0.00 | 13.80 -0.47 0.00 | 21.56 -0.64 0.00 | 31.23 -0.98 0.00 | 22.65 -0.75 1.94 | 32.87 -0.98 0.00 | 31.95 -1.05 2.91 | 49.53 -1.51 0.00 | 40.19 -1.27 0.00 | 34.87 -1.12 0.00 | 35.16 -1.23 0.00 | 47.43 -1.65 0.00 | 55.26 -1.87 0.00 | 66.70 -2.27 0.00 | 72.88 -2.48 0.00 | 53.01 -1.79 0.00 | 43.38 -1.49 0.00 | 35.03 -1.15 0.00 | 31.66 -0.98 0.00 | 32.28 -0.96 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 30.09 2.80 -0.78 | 27.39 2.58 -0.71 | 25.96 2.34 0.00 | 23.75 2.09 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.38 1.85 -118.33 | 172.59 2.26 -138.12 | 43.93 2.37 -16.22 | 45.77 3.06 -8.86 | 41.75 2.94 -2.89 | 62.60 4.65 -6.92 | 323.48 3.80 -278.22 | 251.82 3.39 -212.44 | 153.81 4.05 -113.37 | 239.85 6.08 -184.69 | 90.20 6.91 -26.16 | 190.88 8.47 -113.44 | 238.89 8.74 -154.79 | 79.59 6.16 -18.63 | 233.05 4.87 -183.31 | 42.89 3.79 -2.92 | 36.48 3.33 -0.51 | 36.82 3.25 -0.33 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 28.41 1.90 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.34 1.27 0.00 | 25.92 0.96 -10.69 | 50.99 1.43 -27.35 | 39.08 2.06 -4.80 | 29.63 1.62 -2.68 | 35.99 2.07 -0.07 | 38.33 2.34 -0.08 | 54.63 3.59 0.00 | 44.66 3.20 0.00 | 38.95 2.95 -0.02 | 39.60 3.20 0.00 | 53.63 4.56 0.00 | 77.36 5.43 -14.81 | 89.75 6.50 -14.28 | 82.60 6.61 -0.63 | 59.51 4.72 0.00 | 48.41 3.54 0.00 | 38.98 2.65 -0.14 | 35.37 2.34 -0.39 | 35.78 2.29 -0.25 |
| FORT ORANGE____ 23900 | 27.41 0.90 0.00 | 24.94 0.85 0.00 | 24.38 0.75 0.00 | 22.35 0.68 0.00 | 20.70 0.63 0.00 | 26.12 0.49 -11.37 | 51.98 0.68 -29.09 | 38.21 0.89 -5.11 | 28.75 0.62 -2.80 | 34.69 0.77 -0.08 | 36.76 0.86 0.00 | 52.30 1.26 0.00 | 42.64 1.17 0.00 | 37.13 1.17 0.02 | 37.71 1.32 0.00 | 50.80 1.73 0.00 | 69.97 2.09 -10.76 | 78.77 2.39 -7.41 | 76.96 2.46 0.85 | 56.58 1.78 0.00 | 46.27 1.40 0.00 | 37.00 1.01 0.20 | 32.96 0.84 0.52 | 33.68 0.78 0.34 |
| FORT_DRUM_COGEN 23780 | 26.00 -0.51 0.00 | 23.46 -0.63 0.00 | 22.93 -0.69 0.00 | 21.35 -0.32 0.00 | 19.59 -0.48 0.00 | 14.15 -0.12 0.00 | 22.64 0.44 0.00 | 32.85 0.63 0.00 | 26.12 0.52 -0.26 | 34.75 0.91 0.00 | 36.98 0.68 -0.39 | 51.72 0.69 0.00 | 41.80 0.34 0.00 | 35.63 -0.36 0.00 | 35.42 -0.98 0.00 | 48.27 -0.81 0.00 | 56.21 -0.91 0.00 | 68.71 -0.26 0.00 | 76.50 1.14 0.00 | 55.67 0.87 0.00 | 45.45 0.58 0.00 | 36.97 0.79 0.00 | 33.26 0.62 0.00 | 33.77 0.52 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 29.90 2.61 -0.78 | 27.17 2.36 -0.71 | 25.73 2.11 0.00 | 23.55 1.88 0.00 | 21.82 1.75 0.00 | 56.43 1.32 -40.84 | 142.43 1.89 -118.33 | 173.11 2.78 -138.12 | 43.84 2.28 -16.22 | 45.69 2.99 -8.86 | 41.97 3.16 -2.89 | 62.79 4.84 -6.92 | 323.93 4.25 -278.22 | 252.23 3.80 -212.44 | 153.88 4.12 -113.36 | 215.19 5.94 -160.18 | 90.16 6.88 -26.16 | 105.98 8.36 -28.64 | 88.47 7.98 -5.13 | 78.06 5.65 -17.61 | 232.66 4.47 -183.31 | 42.40 3.30 -2.92 | 36.02 2.87 -0.51 | 36.69 3.11 -0.33 |
| FPL_FAR_ROCK_GT2 23815 | 29.90 2.61 -0.78 | 27.17 2.36 -0.71 | 25.73 2.11 0.00 | 23.55 1.88 0.00 | 21.82 1.75 0.00 | 56.43 1.32 -40.84 | 142.43 1.89 -118.33 | 173.11 2.78 -138.12 | 43.84 2.28 -16.22 | 45.69 2.99 -8.86 | 41.97 3.16 -2.89 | 62.79 4.84 -6.92 | 323.93 4.25 -278.22 | 252.23 3.80 -212.44 | 153.88 4.12 -113.36 | 215.19 5.94 -160.18 | 90.16 6.88 -26.16 | 105.98 8.36 -28.64 | 88.47 7.98 -5.13 | 78.06 5.65 -17.61 | 232.66 4.47 -183.31 | 42.40 3.30 -2.92 | 36.02 2.87 -0.51 | 36.69 3.11 -0.33 |
| FRANKLIN_FALL_HYD 24054 | 26.64 0.13 0.00 | 23.98 -0.12 0.00 | 23.51 -0.11 0.00 | 21.61 -0.06 0.00 | 19.92 -0.15 0.00 | 14.04 -0.22 0.00 | 22.03 -0.18 0.00 | 32.48 0.27 0.00 | 25.68 0.35 0.00 | 34.33 0.49 0.00 | 36.22 0.31 0.00 | 51.41 0.38 0.00 | 41.58 0.11 0.00 | 35.89 -0.09 0.00 | 36.19 -0.21 0.00 | 48.84 -0.23 0.00 | 57.06 -0.06 0.00 | 69.30 0.33 0.00 | 76.55 1.19 0.00 | 55.64 0.84 0.00 | 45.77 0.89 0.00 | 36.95 0.77 0.00 | 33.03 0.39 0.00 | 33.51 0.27 0.00 |
| FREEPORT_EQUS_GT1 23764 | 29.76 2.47 -0.78 | 26.99 2.18 -0.71 | 25.56 1.94 0.00 | 23.40 1.74 0.00 | 21.69 1.62 0.00 | 56.29 1.18 -40.84 | 142.21 1.68 -118.33 | 172.90 2.57 -138.12 | 43.65 2.09 -16.22 | 45.41 2.71 -8.86 | 41.61 2.81 -2.89 | 62.25 4.29 -6.92 | 323.36 3.68 -278.22 | 251.74 3.32 -212.44 | 153.55 3.79 -113.36 | 214.59 5.33 -160.18 | 89.41 6.13 -26.16 | 105.14 7.52 -28.64 | 88.09 7.60 -5.13 | 77.77 5.36 -17.61 | 232.41 4.23 -183.31 | 42.36 3.26 -2.92 | 36.11 2.97 -0.51 | 36.50 2.92 -0.33 |
| FREEPORT___CT2 23818 | 29.76 2.47 -0.78 | 26.99 2.18 -0.71 | 25.56 1.94 0.00 | 23.40 1.74 0.00 | 21.69 1.62 0.00 | 56.29 1.18 -40.84 | 142.21 1.68 -118.33 | 172.90 2.57 -138.12 | 43.65 2.09 -16.22 | 45.41 2.71 -8.86 | 41.61 2.81 -2.89 | 62.25 4.29 -6.92 | 323.36 3.68 -278.22 | 251.74 3.32 -212.44 | 153.55 3.79 -113.36 | 214.59 5.33 -160.18 | 89.41 6.13 -26.16 | 105.14 7.52 -28.64 | 88.09 7.60 -5.13 | 77.77 5.36 -17.61 | 232.41 4.23 -183.31 | 42.36 3.26 -2.92 | 36.11 2.97 -0.51 | 36.50 2.92 -0.33 |
| FRESHKLS_33_KV_LOAD 356253 | 28.43 1.92 0.00 | 25.76 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.34 1.27 0.00 | 56.27 1.03 -40.97 | 128.53 1.47 -104.85 | 51.76 2.11 -17.44 | 37.06 1.55 -10.18 | 36.05 1.92 -0.28 | 38.26 2.27 -0.08 | 54.66 3.62 0.00 | 44.59 3.12 0.00 | 38.94 2.94 -0.02 | 39.59 3.19 0.00 | 53.66 4.59 0.00 | 89.98 5.16 -27.70 | 98.84 6.21 -23.65 | 82.39 6.20 -0.84 | 59.21 4.41 -0.01 | 48.19 3.32 0.00 | 38.88 2.50 -0.20 | 35.51 2.36 -0.51 | 45.80 2.35 -10.21 |
| FULTON COGEN____ 23766 | 26.07 -0.44 0.00 | 23.70 -0.40 0.00 | 23.18 -0.44 0.00 | 21.25 -0.41 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 21.93 -0.28 0.00 | 31.74 -0.48 0.00 | 25.59 -0.33 -0.59 | 33.43 -0.41 -0.88 | 36.37 -0.42 0.00 | 50.40 -0.64 0.00 | 40.89 -0.58 0.00 | 35.45 -0.54 0.00 | 35.72 -0.67 0.00 | 48.17 -0.90 0.00 | 56.13 -0.99 0.00 | 67.79 -1.19 0.00 | 74.11 -1.25 0.00 | 53.93 -0.87 0.00 | 44.11 -0.76 0.00 | 35.64 -0.55 0.00 | 32.21 -0.43 0.00 | 32.81 -0.43 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FULTON___LFGE 323630 | 29.14 2.63 0.00 | 26.40 2.30 0.00 | 25.85 2.23 0.00 | 23.76 2.10 0.00 | 21.99 1.92 0.00 | 24.72 1.44 -9.01 | 47.60 2.35 -23.05 | 39.66 3.40 -4.04 | 30.17 2.71 -2.13 | 38.12 4.23 -0.05 | 40.32 4.31 -0.11 | 57.35 6.31 0.00 | 45.95 4.49 0.00 | 39.33 3.37 0.02 | 39.34 2.94 0.00 | 53.61 4.53 0.00 | 71.23 5.83 -8.29 | 81.52 6.88 -5.67 | 83.68 9.00 0.67 | 61.31 6.51 0.00 | 50.31 5.44 0.00 | 40.37 4.34 0.16 | 36.06 3.83 0.41 | 36.79 3.81 0.27 |
| G.F.CEMENT___DRP 24184 | 28.26 1.76 0.00 | 25.65 1.55 0.00 | 25.05 1.43 0.00 | 22.90 1.24 0.00 | 21.22 1.14 0.00 | 26.43 0.85 -11.32 | 52.43 1.27 -28.96 | 39.11 1.82 -5.08 | 29.46 1.34 -2.79 | 35.57 1.65 -0.08 | 37.69 1.79 0.00 | 53.66 2.62 0.00 | 43.72 2.25 0.00 | 37.98 2.02 0.03 | 38.63 2.24 0.00 | 52.30 3.23 0.00 | 70.97 3.60 -10.26 | 79.79 4.18 -6.63 | 78.93 4.57 1.00 | 58.16 3.36 0.00 | 47.68 2.81 0.00 | 38.16 2.21 0.23 | 33.83 1.80 0.61 | 34.58 1.74 0.40 |
| GARDENVILLE___LBMP 24039 | 26.27 -0.24 0.00 | 24.06 -0.03 0.00 | 23.60 -0.02 0.00 | 21.62 -0.04 0.00 | 20.00 -0.07 0.00 | 14.07 -0.19 0.00 | 22.34 0.13 0.00 | 32.11 -0.10 0.00 | 25.44 0.10 0.00 | 34.36 0.51 0.00 | 36.12 0.22 0.00 | 50.97 -0.06 0.00 | 40.91 -0.56 0.00 | 35.34 -0.64 0.00 | 34.97 -1.42 0.01 | 38.55 -1.64 8.89 | 45.39 -1.56 10.18 | 66.95 -2.03 0.00 | 73.29 -2.07 0.00 | 53.43 -1.37 0.00 | 43.69 -1.19 0.00 | 35.78 -0.40 0.00 | 32.79 0.15 0.00 | 33.62 0.38 0.00 |
| GARDNVLA_35_KV_LD 355827 | 26.41 -0.10 0.00 | 24.19 0.09 0.00 | 23.72 0.10 0.00 | 21.72 0.06 0.00 | 20.10 0.03 0.00 | 14.13 -0.13 0.00 | 22.43 0.23 0.00 | 32.24 0.02 0.00 | 25.55 0.21 0.00 | 34.50 0.66 0.00 | 36.30 0.40 0.00 | 51.24 0.21 0.00 | 41.14 -0.33 0.00 | 35.55 -0.44 0.00 | 35.17 -1.22 0.01 | 40.52 -1.37 7.18 | 47.65 -1.25 8.22 | 67.34 -1.63 0.00 | 73.73 -1.62 0.00 | 53.74 -1.06 0.00 | 43.93 -0.94 0.00 | 35.97 -0.22 0.00 | 32.95 0.31 0.00 | 33.77 0.53 0.00 |
| GELCKHM___115KV_LOAD 80723 | 26.21 -0.30 0.00 | 23.83 -0.27 0.00 | 23.31 -0.31 0.00 | 21.36 -0.31 0.00 | 19.81 -0.26 0.00 | 14.09 -0.18 0.00 | 22.04 -0.17 0.00 | 31.92 -0.29 0.00 | 25.35 -0.19 -0.20 | 33.64 -0.20 0.00 | 36.01 -0.20 -0.31 | 50.70 -0.34 0.00 | 41.14 -0.33 0.00 | 35.68 -0.31 0.00 | 35.94 -0.45 0.00 | 48.47 -0.61 0.00 | 56.50 -0.62 0.00 | 68.20 -0.77 0.00 | 74.51 -0.85 0.00 | 54.20 -0.60 0.00 | 44.31 -0.56 0.00 | 35.78 -0.40 0.00 | 32.34 -0.30 0.00 | 32.95 -0.29 0.00 |
| GENERAL___MILLS 23808 | 26.35 -0.16 0.00 | 24.14 0.04 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.16 0.00 | 22.39 0.19 0.00 | 32.19 -0.03 0.00 | 25.50 0.17 0.00 | 34.43 0.59 0.00 | 36.22 0.32 0.00 | 51.13 0.09 0.00 | 41.03 -0.43 0.00 | 35.45 -0.53 0.00 | 35.08 -1.31 0.01 | 39.94 -1.49 7.64 | 46.97 -1.40 8.75 | 67.15 -1.82 0.00 | 73.54 -1.82 0.00 | 53.60 -1.20 0.00 | 43.82 -1.05 0.00 | 35.88 -0.30 0.00 | 32.88 0.24 0.00 | 33.70 0.45 0.00 |
| GE_PLASTICS___DRP 24183 | 27.34 0.83 0.00 | 24.87 0.78 0.00 | 24.31 0.69 0.00 | 22.29 0.63 0.00 | 20.65 0.58 0.00 | 25.93 0.45 -11.22 | 51.54 0.62 -28.71 | 38.06 0.81 -5.04 | 28.66 0.57 -2.76 | 34.62 0.70 -0.08 | 36.73 0.82 0.00 | 52.23 1.20 0.00 | 42.57 1.10 0.00 | 37.04 1.07 0.02 | 37.61 1.21 0.00 | 50.73 1.65 0.00 | 69.69 1.93 -10.64 | 78.81 2.18 -7.66 | 76.83 2.17 0.70 | 56.37 1.57 0.00 | 46.10 1.23 0.00 | 36.91 0.89 0.16 | 32.97 0.76 0.43 | 33.68 0.72 0.28 |
| GILBOA___1 23756 | 27.39 0.88 0.00 | 24.89 0.80 0.00 | 24.33 0.71 0.00 | 22.30 0.64 0.00 | 20.66 0.59 0.00 | 21.26 0.45 -6.53 | 39.58 0.65 -16.72 | 36.04 0.89 -2.93 | 27.68 0.67 -1.67 | 34.74 0.85 -0.04 | 36.97 0.96 -0.10 | 52.30 1.27 0.00 | 42.58 1.11 0.00 | 37.12 1.13 0.00 | 37.60 1.21 0.00 | 50.60 1.53 0.00 | 65.82 1.79 -6.92 | 77.05 2.07 -6.00 | 77.38 2.02 0.00 | 56.32 1.52 0.00 | 46.14 1.27 0.00 | 37.17 0.99 0.00 | 33.55 0.91 0.00 | 34.14 0.90 0.00 |
| GILBOA___2 23757 | 27.39 0.88 0.00 | 24.89 0.80 0.00 | 24.33 0.71 0.00 | 22.30 0.64 0.00 | 20.66 0.59 0.00 | 21.26 0.45 -6.53 | 39.58 0.65 -16.72 | 36.04 0.89 -2.93 | 27.68 0.67 -1.67 | 34.74 0.85 -0.04 | 36.97 0.96 -0.10 | 52.30 1.27 0.00 | 42.58 1.11 0.00 | 37.12 1.13 0.00 | 37.60 1.21 0.00 | 50.60 1.53 0.00 | 65.82 1.79 -6.92 | 77.05 2.07 -6.00 | 77.38 2.02 0.00 | 56.32 1.52 0.00 | 46.14 1.27 0.00 | 37.17 0.99 0.00 | 33.55 0.91 0.00 | 34.14 0.90 0.00 |
| GILBOA___3 23758 | 27.39 0.88 0.00 | 24.89 0.80 0.00 | 24.33 0.71 0.00 | 22.30 0.64 0.00 | 20.66 0.59 0.00 | 21.26 0.45 -6.53 | 39.58 0.65 -16.72 | 36.04 0.89 -2.93 | 27.68 0.67 -1.67 | 34.74 0.85 -0.04 | 36.97 0.96 -0.10 | 52.30 1.27 0.00 | 42.58 1.11 0.00 | 37.12 1.13 0.00 | 37.60 1.21 0.00 | 50.60 1.53 0.00 | 65.82 1.79 -6.92 | 77.05 2.07 -6.00 | 77.38 2.02 0.00 | 56.32 1.52 0.00 | 46.14 1.27 0.00 | 37.17 0.99 0.00 | 33.55 0.91 0.00 | 34.14 0.90 0.00 |
| GILBOA___4 23759 | 27.39 0.88 0.00 | 24.89 0.80 0.00 | 24.33 0.71 0.00 | 22.30 0.64 0.00 | 20.66 0.59 0.00 | 21.26 0.45 -6.53 | 39.58 0.65 -16.72 | 36.04 0.89 -2.93 | 27.68 0.67 -1.67 | 34.74 0.85 -0.04 | 36.97 0.96 -0.10 | 52.30 1.27 0.00 | 42.58 1.11 0.00 | 37.12 1.13 0.00 | 37.60 1.21 0.00 | 50.60 1.53 0.00 | 65.82 1.79 -6.92 | 77.05 2.07 -6.00 | 77.38 2.02 0.00 | 56.32 1.52 0.00 | 46.14 1.27 0.00 | 37.17 0.99 0.00 | 33.55 0.91 0.00 | 34.14 0.90 0.00 |
| GILBOA___ 23599 | 27.39 0.88 0.00 | 24.90 0.80 0.00 | 24.33 0.71 0.00 | 22.30 0.64 0.00 | 20.66 0.59 0.00 | 21.25 0.45 -6.53 | 39.58 0.65 -16.72 | 36.04 0.89 -2.93 | 27.68 0.68 -1.67 | 34.74 0.86 -0.04 | 36.97 0.97 -0.10 | 52.31 1.27 0.00 | 42.58 1.11 0.00 | 37.12 1.13 0.00 | 37.61 1.21 0.00 | 50.61 1.54 0.00 | 65.82 1.79 -6.92 | 77.05 2.08 -6.00 | 77.39 2.03 0.00 | 56.32 1.52 0.00 | 46.14 1.27 0.00 | 37.17 0.99 0.00 | 33.55 0.91 0.00 | 34.14 0.90 0.00 |
| GINNA___ 23603 | 25.30 -1.21 0.00 | 23.05 -1.05 0.00 | 22.57 -1.06 0.00 | 20.65 -1.01 0.00 | 19.13 -0.94 0.00 | 13.53 -0.74 0.00 | 21.31 -0.90 0.00 | 30.79 -1.42 0.00 | 24.33 -1.00 0.00 | 32.68 -1.16 0.00 | 34.57 -1.34 0.00 | 48.93 -2.10 0.00 | 39.59 -1.87 0.00 | 34.28 -1.71 0.00 | 34.27 -2.12 0.00 | 46.28 -2.80 0.00 | 53.98 -3.14 0.00 | 65.32 -3.65 0.00 | 71.50 -3.86 0.00 | 51.97 -2.83 0.00 | 42.45 -2.42 0.00 | 34.46 -1.73 0.00 | 31.30 -1.33 0.00 | 31.95 -1.30 0.00 |
| GLEN PARK___ 23778 | 26.20 -0.31 0.00 | 23.65 -0.45 0.00 | 23.10 -0.52 0.00 | 21.49 -0.17 0.00 | 19.73 -0.34 0.00 | 14.25 -0.02 0.00 | 22.79 0.59 0.00 | 33.07 0.85 0.00 | 26.32 0.71 -0.27 | 35.03 1.18 0.00 | 37.30 0.98 -0.41 | 52.06 1.02 0.00 | 42.13 0.67 0.00 | 35.89 -0.09 0.00 | 35.59 -0.81 0.00 | 48.64 -0.43 0.00 | 56.60 -0.52 0.00 | 69.26 0.29 0.00 | 77.17 1.81 0.00 | 56.12 1.32 0.00 | 45.81 0.93 0.00 | 37.18 1.00 0.00 | 33.43 0.79 0.00 | 33.92 0.68 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 28.57 2.06 0.00 | 25.89 1.79 0.00 | 25.20 1.58 0.00 | 23.13 1.47 0.00 | 21.46 1.39 0.00 | 56.33 1.09 -40.97 | 128.66 1.60 -104.85 | 52.95 2.34 -18.40 | 37.29 1.78 -10.18 | 36.39 2.27 -0.28 | 38.51 2.52 -0.08 | 54.82 3.79 0.00 | 44.87 3.40 0.00 | 39.19 3.18 -0.02 | 39.83 3.43 0.00 | 53.92 4.84 0.00 | 75.36 5.56 -12.68 | 88.85 6.72 -13.16 | 82.91 6.73 -0.83 | 59.57 4.77 0.00 | 48.44 3.57 0.00 | 39.10 2.73 -0.19 | 35.66 2.52 -0.51 | 36.11 2.53 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 29.48 2.20 -0.78 | 26.74 1.93 -0.71 | 25.33 1.71 0.00 | 23.21 1.55 0.00 | 21.52 1.45 0.00 | 56.20 1.09 -40.84 | 142.13 1.59 -118.33 | 172.71 2.37 -138.12 | 43.32 1.76 -16.22 | 44.99 2.28 -8.86 | 41.31 2.51 -2.89 | 61.81 3.85 -6.92 | 323.09 3.40 -278.22 | 251.52 3.09 -212.44 | 153.18 3.43 -113.36 | 214.12 4.88 -160.18 | 88.93 5.65 -26.16 | 104.43 6.83 -28.63 | 87.31 6.83 -5.13 | 77.23 4.82 -17.61 | 231.90 3.71 -183.31 | 42.08 2.98 -2.91 | 35.80 2.65 -0.51 | 36.19 2.61 -0.33 |
| GLENWOOD_IC_2_G1 23688 | 29.31 2.02 -0.78 | 26.58 1.77 -0.71 | 25.19 1.57 0.00 | 23.09 1.43 0.00 | 21.41 1.34 0.00 | 56.13 1.02 -40.84 | 142.01 1.48 -118.33 | 172.51 2.18 -138.12 | 43.28 1.72 -16.22 | 44.92 2.21 -8.86 | 41.24 2.44 -2.89 | 61.70 3.74 -6.92 | 322.97 3.29 -278.22 | 251.43 3.00 -212.44 | 153.07 3.31 -113.36 | 213.96 4.71 -160.18 | 88.76 5.48 -26.16 | 104.22 6.60 -28.64 | 87.12 6.64 -5.13 | 77.12 4.70 -17.61 | 231.78 3.60 -183.31 | 41.82 2.72 -2.92 | 35.56 2.41 -0.51 | 35.97 2.40 -0.33 |
| GLENWOOD_IC_3_G1 23689 | 29.31 2.02 -0.78 | 26.58 1.77 -0.71 | 25.19 1.57 0.00 | 23.09 1.43 0.00 | 21.41 1.34 0.00 | 56.13 1.02 -40.84 | 142.01 1.48 -118.33 | 172.51 2.18 -138.12 | 43.28 1.72 -16.22 | 44.92 2.21 -8.86 | 41.24 2.44 -2.89 | 61.70 3.74 -6.92 | 322.97 3.29 -278.22 | 251.43 3.00 -212.44 | 153.07 3.31 -113.36 | 213.96 4.71 -160.18 | 88.76 5.48 -26.16 | 104.22 6.60 -28.64 | 87.12 6.64 -5.13 | 77.12 4.70 -17.61 | 231.78 3.60 -183.31 | 41.82 2.72 -2.92 | 35.56 2.41 -0.51 | 35.97 2.40 -0.33 |
| GLENWOOD___4 23550 | 29.48 2.20 -0.78 | 26.74 1.93 -0.71 | 25.33 1.71 0.00 | 23.21 1.55 0.00 | 21.52 1.45 0.00 | 56.20 1.09 -40.84 | 142.13 1.59 -118.33 | 172.71 2.38 -138.12 | 43.39 1.83 -16.22 | 45.09 2.38 -8.86 | 41.40 2.60 -2.89 | 61.93 3.98 -6.92 | 323.19 3.51 -278.22 | 251.61 3.18 -212.44 | 153.28 3.52 -113.36 | 214.23 4.98 -160.18 | 89.06 5.78 -26.16 | 104.59 6.98 -28.63 | 87.53 7.05 -5.13 | 77.38 4.97 -17.61 | 232.01 3.83 -183.31 | 42.09 2.99 -2.91 | 35.80 2.65 -0.51 | 36.19 2.61 -0.33 |
| GLENWOOD___5 23614 | 29.48 2.20 -0.78 | 26.74 1.93 -0.71 | 25.33 1.71 0.00 | 23.21 1.55 0.00 | 21.52 1.45 0.00 | 56.20 1.09 -40.84 | 142.13 1.59 -118.33 | 172.71 2.38 -138.12 | 43.39 1.83 -16.22 | 45.09 2.38 -8.86 | 41.40 2.60 -2.89 | 61.93 3.98 -6.92 | 323.19 3.51 -278.22 | 251.61 3.18 -212.44 | 153.28 3.52 -113.36 | 214.23 4.98 -160.18 | 89.06 5.78 -26.16 | 104.59 6.98 -28.63 | 87.53 7.05 -5.13 | 77.38 4.97 -17.61 | 232.01 3.83 -183.31 | 42.09 2.99 -2.91 | 35.80 2.65 -0.51 | 36.19 2.61 -0.33 |
| GLOBAL GREEN_PORT_GT1 23814 | 31.10 3.81 -0.78 | 28.31 3.50 -0.71 | 26.85 3.23 0.00 | 24.60 2.94 0.00 | 22.75 2.68 0.00 | 57.07 1.95 -40.84 | 143.01 2.47 -118.33 | 172.77 2.44 -138.12 | 45.72 4.16 -16.22 | 47.56 4.85 -8.86 | 43.42 4.62 -2.89 | 64.98 7.02 -6.92 | 324.27 4.58 -278.22 | 253.01 4.58 -212.44 | 155.69 5.93 -113.37 | 236.68 8.84 -178.76 | 93.41 10.13 -26.17 | 173.61 12.19 -92.44 | 205.94 12.86 -117.73 | 82.52 9.23 -18.48 | 235.44 7.25 -183.31 | 44.57 5.47 -2.92 | 37.93 4.78 -0.51 | 38.27 4.69 -0.33 |
| GLOBE___DSASP 323697 | 25.59 -0.92 0.00 | 23.56 -0.54 0.00 | 23.12 -0.50 0.00 | 21.19 -0.48 0.00 | 19.59 -0.48 0.00 | 13.72 -0.55 0.00 | 21.74 -0.47 0.00 | 31.14 -1.08 0.00 | 24.48 -0.85 0.00 | 33.06 -0.78 0.00 | 34.64 -1.27 0.00 | 48.74 -2.29 0.00 | 39.14 -2.32 0.00 | 33.90 -2.09 0.00 | 33.45 -2.94 0.01 | 39.26 -3.92 5.89 | 46.15 -4.22 6.75 | 63.88 -5.10 0.00 | 69.97 -5.39 0.00 | 50.96 -3.84 0.00 | 41.74 -3.13 0.00 | 34.28 -1.90 0.00 | 31.62 -1.02 0.00 | 32.61 -0.63 0.00 |
| GOETHSLN___LBMP 323567 | 28.29 1.78 0.00 | 25.63 1.53 0.00 | 24.96 1.34 0.00 | 22.91 1.25 0.00 | 21.25 1.17 0.00 | 56.17 0.93 -40.98 | 128.41 1.33 -104.87 | 52.56 1.94 -18.40 | 36.95 1.45 -10.18 | 35.92 1.79 -0.28 | 38.08 2.09 -0.08 | 54.25 3.22 0.00 | 44.36 2.89 0.00 | 38.73 2.73 -0.02 | 39.38 2.99 0.00 | 53.34 4.26 0.00 | 87.21 5.01 -25.08 | 98.73 6.11 -23.64 | 82.26 6.08 -0.83 | 59.10 4.30 0.00 | 47.99 3.12 0.00 | 38.68 2.31 -0.19 | 35.27 2.13 -0.51 | 35.70 2.12 -0.33 |
| GOLAH___69_KV_TB 1_2 80279 | 26.65 0.14 0.00 | 24.32 0.22 0.00 | 23.88 0.26 0.00 | 21.82 0.16 0.00 | 20.25 0.18 0.00 | 14.29 0.02 0.00 | 22.54 0.33 0.00 | 32.49 0.27 0.00 | 25.66 0.32 0.00 | 34.49 0.64 0.00 | 36.42 0.52 0.00 | 51.51 0.47 0.00 | 41.55 0.09 0.00 | 36.00 0.02 0.00 | 35.87 -0.53 0.00 | 48.29 -0.78 0.00 | 56.42 -0.70 0.00 | 68.08 -0.89 0.00 | 74.67 -0.68 0.00 | 54.40 -0.40 0.00 | 44.49 -0.39 0.00 | 36.27 0.09 0.00 | 33.05 0.41 0.00 | 33.79 0.55 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 27.63 1.12 0.00 | 25.05 0.95 0.00 | 24.51 0.89 0.00 | 22.47 0.81 0.00 | 20.81 0.74 0.00 | 14.85 0.58 0.00 | 23.21 1.00 0.00 | 33.73 1.51 0.00 | 26.82 1.34 -0.15 | 35.80 1.96 0.00 | 38.16 2.03 -0.22 | 53.84 2.80 0.00 | 43.46 2.00 0.00 | 37.74 1.76 0.00 | 38.08 1.69 0.00 | 51.31 2.24 0.00 | 59.95 2.83 0.00 | 72.27 3.30 0.00 | 78.82 3.46 0.00 | 57.36 2.56 0.00 | 46.95 2.07 0.00 | 37.89 1.71 0.00 | 34.21 1.57 0.00 | 34.82 1.57 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 26.78 0.27 0.00 | 24.32 0.22 0.00 | 23.76 0.14 0.00 | 21.77 0.11 0.00 | 20.19 0.12 0.00 | 14.39 0.12 0.00 | 22.55 0.35 0.00 | 32.64 0.43 0.00 | 26.18 0.52 -0.32 | 34.58 0.73 0.00 | 37.16 0.78 -0.48 | 51.88 0.84 0.00 | 42.01 0.54 0.00 | 36.49 0.51 0.00 | 36.69 0.29 0.00 | 49.73 0.66 0.00 | 57.96 0.84 0.00 | 69.77 0.79 0.00 | 76.11 0.76 0.00 | 55.41 0.61 0.00 | 45.24 0.37 0.00 | 36.60 0.42 0.00 | 33.08 0.44 0.00 | 33.67 0.43 0.00 |
| GOUDEY___7 23579 | 26.81 0.30 0.00 | 24.34 0.24 0.00 | 23.78 0.16 0.00 | 21.78 0.12 0.00 | 20.21 0.14 0.00 | 14.40 0.13 0.00 | 22.58 0.37 0.00 | 32.68 0.46 0.00 | 26.20 0.55 -0.32 | 34.61 0.77 0.00 | 37.20 0.82 -0.48 | 51.95 0.91 0.00 | 42.06 0.59 0.00 | 36.55 0.56 0.00 | 36.73 0.33 0.00 | 49.79 0.72 0.00 | 58.04 0.92 0.00 | 69.85 0.87 0.00 | 76.20 0.84 0.00 | 55.47 0.67 0.00 | 45.29 0.42 0.00 | 36.64 0.45 0.00 | 33.11 0.47 0.00 | 33.70 0.46 0.00 |
| GOUDEY___8 23580 | 26.78 0.27 0.00 | 24.32 0.22 0.00 | 23.76 0.14 0.00 | 21.77 0.11 0.00 | 20.19 0.12 0.00 | 14.39 0.12 0.00 | 22.55 0.35 0.00 | 32.64 0.43 0.00 | 26.18 0.52 -0.32 | 34.58 0.73 0.00 | 37.16 0.78 -0.48 | 51.88 0.84 0.00 | 42.01 0.54 0.00 | 36.49 0.51 0.00 | 36.69 0.29 0.00 | 49.73 0.66 0.00 | 57.96 0.84 0.00 | 69.77 0.79 0.00 | 76.11 0.76 0.00 | 55.41 0.61 0.00 | 45.24 0.37 0.00 | 36.60 0.42 0.00 | 33.08 0.44 0.00 | 33.67 0.43 0.00 |
| GOWANUS_GT1_1 24077 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_2 24078 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|--------------------------|--------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|
| GOWANUS_GT1_3 24079 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_4 24080 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_5 24084 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_6 24111 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_7 24112 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT1_8 24113 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT2_1 24114 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_2 24115 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_3 24116 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_4 24117 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_5 24118 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_6 24119 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_7 24120 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT2_8 24121 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.30 6.57 -47.75 | 82.78 6.59 -0.84 | 59.48 4.67 -0.01 | 48.40 3.53 0.00 | 39.06 2.68 -0.20 | 35.65 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT3_1 24122 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|--------------------------|--------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|
| GOWANUS_GT3_2 24123 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_3 24124 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_4 24125 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_5 24126 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_6 24127 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_7 24128 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT3_8 24129 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GOWANUS_GT4_1 24130 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_2 24131 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_3 24132 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_4 24133 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_5 24134 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_6 24135 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_7 24136 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |
| GOWANUS_GT4_8 24137 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.14 -0.28 | 38.43 2.45 -0.08 | 54.77 3.73 0.00 | 44.78 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.30 6.58 -47.75 | 82.76 6.57 -0.84 | 59.48 4.67 -0.01 | 48.40 3.52 0.00 | 39.06 2.68 -0.20 | 35.64 2.49 -0.51 | 50.66 2.49 -14.93 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| GREENBSH_115KV_TB3 55895 | 27.24 0.73 0.00 | 24.80 0.70 0.00 | 24.24 0.62 0.00 | 22.22 0.56 0.00 | 20.59 0.52 0.00 | 26.38 0.40 -11.72 | 52.73 0.54 -29.98 | 38.16 0.68 -5.26 | 28.67 0.45 -2.88 | 34.47 0.55 -0.08 | 36.57 0.66 0.00 | 52.03 1.00 0.00 | 42.42 0.95 0.00 | 36.89 0.93 0.02 | 37.49 1.09 0.00 | 50.55 1.48 0.00 | 69.62 1.72 -10.78 | 78.17 1.89 -7.31 | 76.31 1.86 0.90 | 56.14 1.34 0.00 | 45.91 1.04 0.00 | 36.69 0.71 0.21 | 32.67 0.59 0.55 | 33.42 0.54 0.36 |
| GREENDGE_115KV_TB5 80291 | 26.59 0.08 0.00 | 24.18 0.09 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.09 0.02 0.00 | 14.29 0.03 0.00 | 22.55 0.34 0.00 | 32.51 0.30 0.00 | 26.09 0.55 -0.20 | 34.53 0.69 0.00 | 36.86 0.65 -0.30 | 51.66 0.62 0.00 | 41.63 0.16 0.00 | 36.07 0.08 0.00 | 36.16 -0.24 -0.01 | 59.69 -0.25 -10.87 | 69.57 -0.10 -12.55 | 68.72 -0.26 0.00 | 75.28 -0.07 0.00 | 54.89 0.09 0.00 | 44.87 -0.01 0.00 | 36.42 0.23 0.00 | 32.91 0.27 0.00 | 33.50 0.26 0.00 |
| GREENIDGE___3 23582 | 26.59 0.08 0.00 | 24.18 0.09 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.09 0.02 0.00 | 14.29 0.03 0.00 | 22.55 0.34 0.00 | 32.51 0.30 0.00 | 26.09 0.55 -0.20 | 34.53 0.69 0.00 | 36.86 0.65 -0.30 | 51.66 0.62 0.00 | 41.63 0.16 0.00 | 36.07 0.08 0.00 | 36.16 -0.24 -0.01 | 59.69 -0.25 -10.87 | 69.57 -0.10 -12.55 | 68.72 -0.26 0.00 | 75.28 -0.07 0.00 | 54.89 0.09 0.00 | 44.87 -0.01 0.00 | 36.42 0.23 0.00 | 32.91 0.27 0.00 | 33.50 0.26 0.00 |
| GREENIDGE___4 23583 | 26.60 0.09 0.00 | 24.19 0.09 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.09 0.02 0.00 | 14.30 0.03 0.00 | 22.54 0.33 0.00 | 32.52 0.31 0.00 | 26.08 0.55 -0.20 | 34.53 0.69 0.00 | 36.86 0.65 -0.30 | 51.66 0.63 0.00 | 41.62 0.16 0.00 | 36.07 0.08 0.00 | 36.16 -0.24 -0.01 | 59.70 -0.24 -10.88 | 69.52 -0.10 -12.50 | 68.72 -0.25 0.00 | 75.27 -0.08 0.00 | 54.89 0.09 0.00 | 44.87 -0.01 0.00 | 36.42 0.23 0.00 | 32.91 0.27 0.00 | 33.50 0.26 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 29.65 2.36 -0.78 | 26.95 2.14 -0.71 | 25.54 1.92 0.00 | 23.37 1.70 0.00 | 21.66 1.59 0.00 | 56.30 1.19 -40.84 | 142.18 1.65 -118.33 | 172.66 2.33 -138.12 | 43.62 2.06 -16.22 | 45.34 2.64 -8.86 | 41.45 2.65 -2.89 | 62.04 4.08 -6.92 | 323.29 3.60 -278.22 | 251.53 3.11 -212.44 | 153.43 3.67 -113.36 | 210.39 5.21 -156.11 | 89.21 5.94 -26.16 | 90.78 7.26 -14.54 | 63.11 7.51 19.75 | 77.40 5.15 -17.45 | 232.25 4.06 -183.31 | 42.11 3.01 -2.91 | 35.82 2.67 -0.51 | 36.20 2.63 -0.33 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| GRISSOM___SOLAR 323813 | 29.14 2.63 0.00 | 26.40 2.30 0.00 | 25.85 2.23 0.00 | 23.76 2.10 0.00 | 21.99 1.92 0.00 | 24.72 1.44 -9.01 | 47.60 2.35 -23.05 | 39.66 3.40 -4.04 | 30.17 2.71 -2.13 | 38.12 4.23 -0.05 | 40.32 4.31 -0.11 | 57.35 6.31 0.00 | 45.95 4.49 0.00 | 39.33 3.37 0.02 | 39.34 2.94 0.00 | 53.61 4.53 0.00 | 71.23 5.83 -8.29 | 81.52 6.88 -5.67 | 83.68 9.00 0.67 | 61.31 6.51 0.00 | 50.31 5.44 0.00 | 40.37 4.34 0.16 | 36.06 3.83 0.41 | 36.79 3.81 0.27 |
| GROVEVILLE___HYD 323602 | 28.41 1.90 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.34 1.27 0.00 | 25.92 0.96 -10.69 | 50.99 1.43 -27.35 | 39.08 2.06 -4.80 | 29.63 1.62 -2.68 | 35.99 2.07 -0.07 | 38.33 2.34 -0.08 | 54.63 3.59 0.00 | 44.66 3.20 0.00 | 38.95 2.95 -0.02 | 39.60 3.20 0.00 | 53.63 4.56 0.00 | 77.36 5.43 -14.81 | 89.75 6.50 -14.28 | 82.60 6.61 -0.63 | 59.51 4.72 0.00 | 48.41 3.54 0.00 | 38.98 2.65 -0.14 | 35.37 2.34 -0.39 | 35.78 2.29 -0.25 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 26.51 0.00 0.00 | 24.09 0.00 0.00 | 23.59 -0.03 0.00 | 21.61 -0.05 0.00 | 20.05 -0.02 0.00 | 14.26 -0.01 0.00 | 22.30 0.09 0.00 | 32.31 0.10 0.00 | 26.02 0.25 -0.44 | 34.27 0.43 0.00 | 36.95 0.38 -0.66 | 51.33 0.30 0.00 | 41.63 0.17 0.00 | 36.15 0.16 0.00 | 36.36 -0.03 0.00 | 49.10 0.02 0.00 | 57.30 0.18 0.00 | 69.17 0.19 0.00 | 75.50 0.15 0.00 | 54.96 0.16 0.00 | 44.92 0.05 0.00 | 36.25 0.07 0.00 | 32.76 0.12 0.00 | 33.36 0.12 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.00 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.50 0.00 | 55.39 -1.73 0.00 | 67.55 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.39 0.00 | 44.58 -0.29 0.00 | 36.13 -0.05 0.00 | 32.49 -0.15 0.00 | 33.05 -0.19 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 26.56 0.05 0.00 | 24.05 -0.05 0.00 | 23.45 -0.16 0.00 | 21.66 0.00 0.00 | 19.96 -0.11 0.00 | 14.25 -0.01 0.00 | 22.30 0.09 0.00 | 32.21 -0.01 0.00 | 25.32 -0.02 0.00 | 33.70 -0.14 0.00 | 35.93 0.03 0.00 | 51.24 0.20 0.00 | 41.82 0.36 0.00 | 36.33 0.35 0.00 | 36.89 0.49 0.00 | 49.63 0.56 0.00 | 57.57 0.46 0.00 | 69.06 0.09 0.00 | 75.21 -0.15 0.00 | 54.54 -0.26 0.00 | 44.83 -0.05 0.00 | 36.12 -0.06 0.00 | 32.46 -0.18 0.00 | 32.93 -0.31 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 28.13 1.62 0.00 | 25.50 1.40 0.00 | 24.84 1.22 0.00 | 22.79 1.12 0.00 | 21.12 1.05 0.00 | -20.99 0.81 36.07 | -68.90 1.21 92.31 | 17.76 1.75 16.20 | 17.86 1.36 8.83 | 35.34 1.74 0.25 | 38.07 2.08 -0.08 | 54.32 3.28 0.00 | 44.41 2.95 0.00 | 38.76 2.76 -0.02 | 39.38 2.99 0.00 | 53.34 4.27 0.00 | 116.14 4.97 -54.05 | 123.44 5.99 -48.48 | 82.07 6.01 -0.70 | 59.08 4.28 0.00 | 48.04 3.17 0.00 | 38.69 2.34 -0.16 | 35.16 2.09 -0.43 | 35.56 2.03 -0.28 |
| HARSNRAD_115KV_TB1 81005 | 26.06 -0.45 0.00 | 23.90 -0.20 0.00 | 23.45 -0.17 0.00 | 21.48 -0.18 0.00 | 19.86 -0.21 0.00 | 13.94 -0.33 0.00 | 22.09 -0.11 0.00 | 31.69 -0.53 0.00 | 25.07 -0.27 0.00 | 33.89 0.05 0.00 | 35.56 -0.35 0.00 | 50.09 -0.95 0.00 | 40.23 -1.24 0.00 | 34.80 -1.18 0.00 | 34.39 -2.00 0.01 | 40.70 -2.49 5.88 | 47.91 -2.48 6.73 | 65.67 -3.31 0.00 | 71.97 -3.39 0.00 | 52.47 -2.33 0.00 | 42.94 -1.93 0.00 | 35.21 -0.97 0.00 | 32.39 -0.25 0.00 | 33.26 0.02 0.00 |
| HARZA MOOSE___RIVER 24016 | 26.43 -0.08 0.00 | 23.90 -0.20 0.00 | 23.41 -0.21 0.00 | 21.65 -0.01 0.00 | 19.96 -0.11 0.00 | 14.31 0.04 0.00 | 22.61 0.41 0.00 | 32.87 0.66 0.00 | 25.90 0.49 -0.08 | 34.66 0.82 0.00 | 36.84 0.81 -0.12 | 52.18 1.14 0.00 | 42.22 0.76 0.00 | 36.42 0.43 0.00 | 36.58 0.18 0.00 | 49.24 0.16 0.00 | 57.27 0.15 0.00 | 69.20 0.22 0.00 | 76.21 0.86 0.00 | 55.65 0.85 0.00 | 45.51 0.63 0.00 | 36.94 0.75 0.00 | 33.29 0.65 0.00 | 33.85 0.61 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| HDSNBRDG_115KV_BRDG_TB1 355580 | 26.25 -0.26 0.00 | 23.86 -0.23 0.00 | 23.34 -0.28 0.00 | 21.38 -0.28 0.00 | 19.83 -0.25 0.00 | 14.10 -0.17 0.00 | 22.07 -0.14 0.00 | 31.95 -0.26 0.00 | 25.20 -0.20 -0.07 | 33.59 -0.26 0.00 | 35.76 -0.25 -0.11 | 50.77 -0.26 0.00 | 41.18 -0.29 0.00 | 35.69 -0.30 0.00 | 35.94 -0.46 0.00 | 48.51 -0.57 0.00 | 56.53 -0.59 0.00 | 68.21 -0.77 0.00 | 74.52 -0.84 0.00 | 54.20 -0.59 0.00 | 44.30 -0.57 0.00 | 35.80 -0.38 0.00 | 32.40 -0.24 0.00 | 33.00 -0.24 0.00 |
| HELLGATE_13_KV_LD 55870 | 28.40 1.89 0.00 | 25.75 1.66 0.00 | 25.08 1.45 0.00 | 23.02 1.35 0.00 | 21.35 1.28 0.00 | 56.25 1.01 -40.97 | 128.53 1.47 -104.85 | 52.77 2.15 -18.40 | 37.12 1.61 -10.18 | 36.18 2.05 -0.28 | 38.27 2.29 -0.08 | 54.45 3.41 0.00 | 44.57 3.11 0.00 | 38.93 2.92 -0.02 | 39.57 3.17 0.00 | 53.53 4.46 0.00 | 79.23 5.11 -17.00 | 91.97 6.18 -16.81 | 82.33 6.14 -0.83 | 59.17 4.38 0.00 | 48.14 3.27 0.00 | 38.87 2.50 -0.19 | 35.44 2.30 -0.51 | 35.90 2.32 -0.33 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 28.40 1.89 0.00 | 25.75 1.66 0.00 | 25.08 1.45 0.00 | 23.02 1.35 0.00 | 21.35 1.28 0.00 | 56.25 1.01 -40.97 | 128.53 1.47 -104.85 | 52.77 2.15 -18.40 | 37.12 1.61 -10.18 | 36.18 2.05 -0.28 | 38.27 2.29 -0.08 | 54.45 3.41 0.00 | 44.57 3.11 0.00 | 38.93 2.92 -0.02 | 39.57 3.17 0.00 | 53.53 4.46 0.00 | 79.23 5.11 -17.00 | 91.97 6.18 -16.81 | 82.33 6.14 -0.83 | 59.17 4.38 0.00 | 48.14 3.27 0.00 | 38.87 2.50 -0.19 | 35.44 2.30 -0.51 | 35.90 2.32 -0.33 |
| HEMPSTEAD____ 23647 | 29.50 2.21 -0.78 | 26.77 1.96 -0.71 | 25.35 1.73 0.00 | 23.21 1.55 0.00 | 21.52 1.45 0.00 | 56.20 1.09 -40.84 | 142.08 1.55 -118.33 | 172.68 2.35 -138.12 | 43.48 1.92 -16.22 | 45.17 2.47 -8.86 | 41.39 2.59 -2.89 | 61.95 3.99 -6.92 | 323.17 3.48 -278.22 | 251.55 3.12 -212.44 | 153.28 3.52 -113.36 | 214.24 4.99 -160.18 | 89.04 5.76 -26.16 | 104.61 7.00 -28.64 | 87.53 7.04 -5.13 | 77.36 4.94 -17.61 | 232.04 3.86 -183.31 | 42.04 2.94 -2.92 | 35.79 2.65 -0.51 | 36.18 2.60 -0.33 |
| HEWLETT__69_KV_BK3 55828 | 29.77 2.48 -0.78 | 27.03 2.23 -0.71 | 25.60 1.98 0.00 | 23.43 1.77 0.00 | 21.73 1.65 0.00 | 56.35 1.24 -40.84 | 142.31 1.77 -118.33 | 172.96 2.63 -138.12 | 43.73 2.17 -16.22 | 45.54 2.84 -8.86 | 41.79 2.99 -2.89 | 62.53 4.57 -6.92 | 323.69 4.00 -278.22 | 252.01 3.59 -212.44 | 153.70 3.94 -113.36 | 214.87 5.62 -160.18 | 89.77 6.49 -26.16 | 105.51 7.90 -28.63 | 88.19 7.70 -5.13 | 77.87 5.46 -17.61 | 232.51 4.33 -183.31 | 42.31 3.21 -2.91 | 35.97 2.82 -0.51 | 36.52 2.94 -0.33 |
| HICKLING___1 23621 | 26.67 0.16 0.00 | 24.26 0.16 0.00 | 23.73 0.11 0.00 | 21.75 0.09 0.00 | 20.17 0.10 0.00 | 14.38 0.12 0.00 | 22.70 0.50 0.00 | 32.84 0.63 0.00 | 26.35 0.77 -0.24 | 34.95 1.10 0.00 | 37.40 1.13 -0.36 | 52.32 1.28 0.00 | 42.09 0.63 0.00 | 36.49 0.50 0.00 | 36.46 0.06 0.00 | 52.83 0.47 -3.29 | 62.33 0.81 -4.40 | 69.61 0.64 0.00 | 76.08 0.73 0.00 | 55.46 0.66 0.00 | 45.29 0.42 0.00 | 36.84 0.66 0.00 | 33.28 0.64 0.00 | 33.90 0.66 0.00 |
| HICKLING___2 23622 | 26.67 0.16 0.00 | 24.26 0.16 0.00 | 23.73 0.11 0.00 | 21.75 0.09 0.00 | 20.17 0.10 0.00 | 14.38 0.12 0.00 | 22.70 0.50 0.00 | 32.84 0.63 0.00 | 26.35 0.77 -0.24 | 34.95 1.10 0.00 | 37.40 1.13 -0.36 | 52.32 1.28 0.00 | 42.09 0.63 0.00 | 36.49 0.50 0.00 | 36.46 0.06 0.00 | 52.83 0.47 -3.29 | 62.33 0.81 -4.40 | 69.61 0.64 0.00 | 76.08 0.73 0.00 | 55.46 0.66 0.00 | 45.29 0.42 0.00 | 36.84 0.66 0.00 | 33.28 0.64 0.00 | 33.90 0.66 0.00 |
| HIGH FALLS___HY 23754 | 28.24 1.73 0.00 | 25.57 1.48 0.00 | 24.91 1.28 0.00 | 22.85 1.19 0.00 | 21.17 1.10 0.00 | 15.11 0.84 0.00 | 23.46 1.26 0.00 | 34.05 1.84 0.00 | 26.86 1.47 -0.05 | 35.68 1.84 0.00 | 37.84 1.85 -0.08 | 54.01 2.98 0.00 | 44.29 2.82 0.00 | 38.58 2.59 -0.01 | 39.24 2.84 0.00 | 53.13 4.05 0.00 | 69.87 4.85 -7.90 | 82.68 6.07 -7.63 | 81.96 6.27 -0.34 | 59.29 4.49 0.00 | 48.17 3.30 0.00 | 38.63 2.37 -0.08 | 35.12 2.28 -0.21 | 35.57 2.19 -0.14 |
| HILLBURN___GT 23639 | 28.04 1.53 0.00 | 25.41 1.32 0.00 | 24.75 1.13 0.00 | 22.71 1.05 0.00 | 21.05 0.98 0.00 | -24.96 0.76 40.00 | -79.03 1.12 102.36 | 15.88 1.63 17.96 | 16.78 1.24 9.80 | 35.17 1.60 0.27 | 37.97 1.98 -0.08 | 54.14 3.11 0.00 | 44.26 2.79 0.00 | 38.61 2.61 -0.02 | 39.26 2.87 0.00 | 53.08 4.01 0.00 | 110.31 4.74 -48.45 | 118.42 5.75 -43.69 | 81.77 5.69 -0.73 | 58.80 4.00 0.00 | 47.78 2.91 0.00 | 38.49 2.14 -0.17 | 35.03 1.94 -0.44 | 35.44 1.91 -0.29 |
| HILLSIDE_115KV_TB1 80332 | 26.31 -0.20 0.00 | 23.90 -0.20 0.00 | 23.36 -0.26 0.00 | 21.40 -0.26 0.00 | 19.86 -0.21 0.00 | 14.18 -0.08 0.00 | 22.32 0.11 0.00 | 32.27 0.06 0.00 | 25.91 0.32 -0.25 | 34.29 0.45 0.00 | 36.76 0.47 -0.38 | 51.43 0.39 0.00 | 41.49 0.03 0.00 | 36.05 0.06 0.00 | 36.07 -0.33 0.00 | 51.95 -0.02 0.00 | 60.68 0.13 -3.43 | 68.73 -0.24 0.00 | 74.98 -0.37 0.00 | 54.62 -0.18 0.00 | 44.54 -0.33 0.00 | 36.15 -0.04 0.00 | 32.68 0.04 0.00 | 33.27 0.03 0.00 |
| HISHELDN_WT_PWR 323625 | 25.94 -0.56 0.00 | 23.77 -0.33 0.00 | 23.34 -0.28 0.00 | 21.41 -0.25 0.00 | 19.81 -0.27 0.00 | 13.96 -0.31 0.00 | 22.19 -0.02 0.00 | 31.95 -0.27 0.00 | 25.43 0.02 -0.08 | 34.21 0.37 0.00 | 36.16 0.13 -0.12 | 50.81 -0.23 0.00 | 40.64 -0.82 0.00 | 35.00 -0.99 0.00 | 34.63 -1.75 0.02 | 26.61 -2.06 20.40 | 31.66 -2.08 23.37 | 66.48 -2.49 0.00 | 72.85 -2.50 0.00 | 53.21 -1.59 0.00 | 43.55 -1.32 0.00 | 35.71 -0.47 0.00 | 32.62 -0.03 0.00 | 33.45 0.21 0.00 |
| HOLTSVILLE_IC_1 23690 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.21 1.67 -118.33 | 172.33 2.00 -138.12 | 43.76 2.20 -16.22 | 45.47 2.77 -8.86 | 41.44 2.64 -2.89 | 62.11 4.15 -6.92 | 323.12 3.44 -278.22 | 251.44 3.01 -212.44 | 153.43 3.67 -113.37 | 233.01 5.51 -178.43 | 89.54 6.25 -26.17 | 167.88 7.61 -91.30 | 198.89 7.82 -115.71 | 78.80 5.53 -18.47 | 232.59 4.41 -183.31 | 42.43 3.32 -2.92 | 36.09 2.94 -0.51 | 36.47 2.89 -0.33 |
| HOLTSVILLE_IC_10 23699 | 30.07 2.78 -0.78 | 27.38 2.57 -0.71 | 25.96 2.34 0.00 | 23.76 2.10 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.34 1.80 -118.33 | 172.34 2.01 -138.12 | 43.99 2.43 -16.22 | 45.79 3.09 -8.86 | 41.73 2.93 -2.89 | 62.55 4.59 -6.92 | 323.46 3.78 -278.22 | 251.75 3.31 -212.44 | 153.65 3.89 -113.37 | 234.75 6.06 -179.61 | 90.19 6.91 -26.17 | 172.75 8.43 -95.35 | 206.94 8.72 -122.86 | 79.49 6.17 -18.52 | 233.08 4.90 -183.31 | 42.83 3.72 -2.92 | 36.42 3.28 -0.51 | 36.79 3.21 -0.33 |
| HOLTSVILLE_IC_2 23691 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.21 1.67 -118.33 | 172.33 2.00 -138.12 | 43.76 2.20 -16.22 | 45.47 2.77 -8.86 | 41.44 2.64 -2.89 | 62.11 4.15 -6.92 | 323.12 3.44 -278.22 | 251.44 3.01 -212.44 | 153.43 3.67 -113.37 | 233.01 5.51 -178.43 | 89.54 6.25 -26.17 | 167.88 7.61 -91.30 | 198.89 7.82 -115.71 | 78.80 5.53 -18.47 | 232.59 4.41 -183.31 | 42.43 3.32 -2.92 | 36.09 2.94 -0.51 | 36.47 2.89 -0.33 |
| HOLTSVILLE_IC_3 23692 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.21 1.67 -118.33 | 172.33 2.00 -138.12 | 43.76 2.20 -16.22 | 45.47 2.77 -8.86 | 41.44 2.64 -2.89 | 62.11 4.15 -6.92 | 323.12 3.44 -278.22 | 251.44 3.01 -212.44 | 153.43 3.67 -113.37 | 233.01 5.51 -178.43 | 89.54 6.25 -26.17 | 167.88 7.61 -91.30 | 198.89 7.82 -115.71 | 78.80 5.53 -18.47 | 232.59 4.41 -183.31 | 42.43 3.32 -2.92 | 36.09 2.94 -0.51 | 36.47 2.89 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| HOLTSVILLE_IC_4 23693 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.21 1.67 -118.33 | 172.33 2.00 -138.12 | 43.76 2.20 -16.22 | 45.47 2.77 -8.86 | 41.44 2.64 -2.89 | 62.11 4.15 -6.92 | 323.12 3.44 -278.22 | 251.44 3.01 -212.44 | 153.43 3.67 -113.37 | 233.01 5.51 -178.43 | 89.54 6.25 -26.17 | 167.88 7.61 -91.30 | 198.89 7.82 -115.71 | 78.80 5.53 -18.47 | 232.59 4.41 -183.31 | 42.43 3.32 -2.92 | 36.09 2.94 -0.51 | 36.47 2.89 -0.33 |
| HOLTSVILLE_IC_5 23694 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.21 1.67 -118.33 | 172.33 2.00 -138.12 | 43.76 2.20 -16.22 | 45.47 2.77 -8.86 | 41.44 2.64 -2.89 | 62.11 4.15 -6.92 | 323.12 3.44 -278.22 | 251.44 3.01 -212.44 | 153.43 3.67 -113.37 | 233.01 5.51 -178.43 | 89.54 6.25 -26.17 | 167.88 7.61 -91.30 | 198.89 7.82 -115.71 | 78.80 5.53 -18.47 | 232.59 4.41 -183.31 | 42.43 3.32 -2.92 | 36.09 2.94 -0.51 | 36.47 2.89 -0.33 |
| HOLTSVILLE_IC_6 23695 | 30.07 2.78 -0.78 | 27.38 2.57 -0.71 | 25.96 2.34 0.00 | 23.76 2.10 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.34 1.80 -118.33 | 172.34 2.01 -138.12 | 43.99 2.43 -16.22 | 45.79 3.09 -8.86 | 41.73 2.93 -2.89 | 62.55 4.59 -6.92 | 323.46 3.78 -278.22 | 251.75 3.31 -212.44 | 153.65 3.89 -113.37 | 234.75 6.06 -179.61 | 90.19 6.91 -26.17 | 172.75 8.43 -95.35 | 206.94 8.72 -122.86 | 79.49 6.17 -18.52 | 233.08 4.90 -183.31 | 42.83 3.72 -2.92 | 36.42 3.28 -0.51 | 36.79 3.21 -0.33 |
| HOLTSVILLE_IC_7 23696 | 30.07 2.78 -0.78 | 27.38 2.57 -0.71 | 25.96 2.34 0.00 | 23.76 2.10 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.34 1.80 -118.33 | 172.34 2.01 -138.12 | 43.99 2.43 -16.22 | 45.79 3.09 -8.86 | 41.73 2.93 -2.89 | 62.55 4.59 -6.92 | 323.46 3.78 -278.22 | 251.75 3.31 -212.44 | 153.65 3.89 -113.37 | 234.75 6.06 -179.61 | 90.19 6.91 -26.17 | 172.75 8.43 -95.35 | 206.94 8.72 -122.86 | 79.49 6.17 -18.52 | 233.08 4.90 -183.31 | 42.83 3.72 -2.92 | 36.42 3.28 -0.51 | 36.79 3.21 -0.33 |
| HOLTSVILLE_IC_8 23697 | 30.07 2.78 -0.78 | 27.38 2.57 -0.71 | 25.96 2.34 0.00 | 23.76 2.10 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.34 1.80 -118.33 | 172.34 2.01 -138.12 | 43.99 2.43 -16.22 | 45.79 3.09 -8.86 | 41.73 2.93 -2.89 | 62.55 4.59 -6.92 | 323.46 3.78 -278.22 | 251.75 3.31 -212.44 | 153.65 3.89 -113.37 | 234.75 6.06 -179.61 | 90.19 6.91 -26.17 | 172.75 8.43 -95.35 | 206.94 8.72 -122.86 | 79.49 6.17 -18.52 | 233.08 4.90 -183.31 | 42.83 3.72 -2.92 | 36.42 3.28 -0.51 | 36.79 3.21 -0.33 |
| HOLTSVILLE_IC_9 23698 | 30.07 2.78 -0.78 | 27.38 2.57 -0.71 | 25.96 2.34 0.00 | 23.76 2.10 0.00 | 22.01 1.94 0.00 | 56.54 1.43 -40.84 | 142.34 1.80 -118.33 | 172.34 2.01 -138.12 | 43.99 2.43 -16.22 | 45.79 3.09 -8.86 | 41.73 2.93 -2.89 | 62.55 4.59 -6.92 | 323.46 3.78 -278.22 | 251.75 3.31 -212.44 | 153.65 3.89 -113.37 | 234.75 6.06 -179.61 | 90.19 6.91 -26.17 | 172.75 8.43 -95.35 | 206.94 8.72 -122.86 | 79.49 6.17 -18.52 | 233.08 4.90 -183.31 | 42.83 3.72 -2.92 | 36.42 3.28 -0.51 | 36.79 3.21 -0.33 |
| HOMER_HL_115KV_TB2 355744 | 26.56 0.05 0.00 | 24.29 0.19 0.00 | 23.74 0.12 0.00 | 21.69 0.02 0.00 | 20.09 0.02 0.00 | 14.18 -0.08 0.00 | 22.61 0.40 0.00 | 32.61 0.40 0.00 | 26.01 0.57 -0.10 | 34.87 1.02 0.00 | 36.76 0.70 -0.15 | 51.57 0.54 0.00 | 41.39 -0.08 0.00 | 35.80 -0.18 0.00 | 35.51 -0.89 0.00 | 47.36 -0.37 1.35 | 55.31 -0.27 1.54 | 68.15 -0.82 0.00 | 74.33 -1.03 0.00 | 54.24 -0.56 0.00 | 44.20 -0.67 0.00 | 36.17 -0.02 0.00 | 33.04 0.40 0.00 | 33.76 0.52 0.00 |
| HOWARD_WT_PWR 323690 | 25.52 -0.99 0.00 | 23.38 -0.72 0.00 | 23.30 -0.32 0.00 | 21.33 -0.33 0.00 | 19.62 -0.46 0.00 | 13.90 -0.37 0.00 | 22.18 -0.02 0.00 | 32.05 -0.16 0.00 | 25.78 0.27 -0.17 | 34.62 0.78 0.00 | 36.93 0.76 -0.26 | 51.67 0.64 0.00 | 41.14 -0.33 0.00 | 35.27 -0.71 0.00 | 34.75 -1.67 -0.02 | 70.09 -2.17 -23.20 | 81.86 -1.88 -26.61 | 66.75 -2.22 0.00 | 73.20 -2.16 0.00 | 53.71 -1.09 0.00 | 44.26 -0.61 0.00 | 36.33 0.15 0.00 | 32.86 0.22 0.00 | 33.56 0.32 0.00 |
| HQ_GEN_CEDARS 23644 | 26.28 -0.23 0.00 | 23.85 -0.24 0.00 | 23.48 -0.14 0.00 | 21.55 -0.12 0.00 | 19.95 -0.12 0.00 | 14.15 -0.12 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.20 -0.14 0.00 | 33.72 -0.13 0.00 | 35.69 -0.21 0.00 | 50.68 -0.36 0.00 | 41.08 -0.38 0.00 | 35.54 -0.44 0.00 | 35.94 -0.45 0.00 | 48.28 -0.79 0.00 | 56.17 -0.95 0.00 | 68.17 -0.80 0.00 | 74.90 -0.46 0.00 | 54.41 -0.38 0.00 | 44.72 -0.15 0.00 | 36.03 -0.15 0.00 | 32.39 -0.25 0.00 | 33.01 -0.24 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 26.28 -0.23 0.00 | 23.85 -0.24 0.00 | 23.48 -0.13 0.00 | 21.55 -0.11 0.00 | 19.95 -0.12 0.00 | 14.15 -0.12 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.20 -0.14 0.00 | 33.72 -0.13 0.00 | 35.69 -0.21 0.00 | 50.68 -0.36 0.00 | 41.08 -0.38 0.00 | 35.54 -0.44 0.00 | 35.94 -0.45 0.00 | 48.28 -0.79 0.00 | 56.17 -0.95 0.00 | 68.17 -0.81 0.00 | 74.90 -0.46 0.00 | 54.42 -0.38 0.00 | 44.72 -0.15 0.00 | 36.03 -0.15 0.00 | 32.39 -0.25 0.00 | 33.01 -0.24 0.00 |
| HQ_GEN_IMPORT 323601 | 26.39 -0.16 -0.05 | 23.93 -0.16 0.00 | 23.55 -0.07 0.00 | 21.60 -0.06 0.00 | 20.01 -0.06 0.00 | 14.38 -0.07 -0.19 | 22.05 -0.16 0.00 | 32.05 -0.17 0.00 | 25.19 -0.14 0.00 | 33.68 -0.17 0.00 | 35.68 -0.22 0.00 | 50.69 -0.35 0.00 | 41.13 -0.33 0.00 | 32.35 -0.35 3.29 | 36.07 -0.33 0.00 | 48.54 -0.53 0.00 | 46.24 -0.66 10.22 | 68.34 -0.63 0.00 | 74.85 -0.50 0.00 | 54.41 -0.38 0.00 | 44.67 -0.20 0.00 | 36.00 -0.18 0.00 | 32.42 -0.22 0.00 | 33.04 -0.21 0.00 |
| HQ_GEN_WHEEL 23651 | 26.39 -0.16 -0.05 | 23.93 -0.16 0.00 | 23.55 -0.07 0.00 | 21.60 -0.06 0.00 | 20.01 -0.06 0.00 | 14.38 -0.07 -0.19 | 22.05 -0.16 0.00 | 32.05 -0.17 0.00 | 25.19 -0.14 0.00 | 33.68 -0.17 0.00 | 35.68 -0.22 0.00 | 50.69 -0.35 0.00 | 41.13 -0.33 0.00 | 32.35 -0.35 3.29 | 36.07 -0.33 0.00 | 48.54 -0.53 0.00 | 46.24 -0.66 10.22 | 68.34 -0.63 0.00 | 74.85 -0.50 0.00 | 54.41 -0.38 0.00 | 44.67 -0.20 0.00 | 36.00 -0.18 0.00 | 32.42 -0.22 0.00 | 33.04 -0.21 0.00 |
| HUDSON_AVE_GT_3 23810 | 28.48 1.96 0.00 | 25.80 1.70 0.00 | 25.13 1.51 0.00 | 23.07 1.40 0.00 | 21.39 1.32 0.00 | 56.27 1.02 -40.98 | 128.57 1.49 -104.87 | 52.79 2.17 -18.40 | 37.16 1.65 -10.18 | 36.22 2.09 -0.28 | 38.37 2.38 -0.08 | 54.67 3.64 0.00 | 44.69 3.22 0.00 | 39.04 3.03 -0.02 | 39.68 3.29 0.00 | 53.75 4.68 0.00 | 87.67 5.47 -25.08 | 99.18 6.57 -23.64 | 82.79 6.61 -0.83 | 59.48 4.68 0.00 | 48.36 3.49 0.00 | 38.99 2.62 -0.19 | 35.54 2.40 -0.51 | 35.97 2.39 -0.33 |
| HUDSON_AVE_GT_4 23540 | 28.48 1.96 0.00 | 25.80 1.70 0.00 | 25.13 1.51 0.00 | 23.07 1.40 0.00 | 21.39 1.32 0.00 | 56.27 1.02 -40.98 | 128.57 1.49 -104.87 | 52.79 2.17 -18.40 | 37.16 1.65 -10.18 | 36.22 2.09 -0.28 | 38.37 2.38 -0.08 | 54.67 3.64 0.00 | 44.69 3.22 0.00 | 39.04 3.03 -0.02 | 39.68 3.29 0.00 | 53.75 4.68 0.00 | 87.67 5.47 -25.08 | 99.18 6.57 -23.64 | 82.79 6.61 -0.83 | 59.48 4.68 0.00 | 48.36 3.49 0.00 | 38.99 2.62 -0.19 | 35.54 2.40 -0.51 | 35.97 2.39 -0.33 |
| HUDSON_AVE_GT_5 23657 | 28.48 1.96 0.00 | 25.80 1.70 0.00 | 25.13 1.51 0.00 | 23.07 1.40 0.00 | 21.39 1.32 0.00 | 56.27 1.02 -40.98 | 128.57 1.49 -104.87 | 52.79 2.17 -18.40 | 37.16 1.65 -10.18 | 36.22 2.09 -0.28 | 38.37 2.38 -0.08 | 54.67 3.64 0.00 | 44.69 3.22 0.00 | 39.04 3.03 -0.02 | 39.68 3.29 0.00 | 53.75 4.68 0.00 | 87.67 5.47 -25.08 | 99.18 6.57 -23.64 | 82.79 6.61 -0.83 | 59.48 4.68 0.00 | 48.36 3.49 0.00 | 38.99 2.62 -0.19 | 35.54 2.40 -0.51 | 35.97 2.39 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| HUDSON_AVE_10 24168 | 28.40 1.89 0.00 | 25.72 1.62 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.23 0.98 -40.98 | 128.50 1.42 -104.87 | 52.70 2.08 -18.40 | 37.09 1.58 -10.18 | 36.11 1.99 -0.28 | 38.25 2.26 -0.08 | 54.51 3.47 0.00 | 44.55 3.09 0.00 | 38.92 2.91 -0.02 | 39.55 3.15 0.00 | 53.59 4.52 0.00 | 87.47 5.28 -25.08 | 98.96 6.34 -23.64 | 82.55 6.37 -0.83 | 59.29 4.49 0.00 | 48.22 3.35 0.00 | 38.88 2.51 -0.19 | 35.47 2.32 -0.51 | 35.88 2.31 -0.33 |
| HUDSON___115KV_TB 4 355613 | 27.84 1.33 0.00 | 25.32 1.22 0.00 | 24.73 1.11 0.00 | 22.67 1.01 0.00 | 20.99 0.92 0.00 | 24.90 0.70 -9.93 | 48.67 1.05 -25.42 | 38.12 1.45 -4.46 | 28.82 1.04 -2.45 | 35.27 1.36 -0.07 | 37.34 1.43 0.00 | 53.03 2.00 0.00 | 43.29 1.82 0.00 | 37.80 1.83 0.02 | 38.27 1.88 0.00 | 51.56 2.49 0.00 | 70.91 3.11 -10.68 | 80.53 3.74 -7.81 | 78.72 4.01 0.64 | 57.70 2.90 0.00 | 47.21 2.34 0.00 | 37.81 1.77 0.15 | 33.74 1.49 0.39 | 34.37 1.39 0.26 |
| HUNTER MOUNT___DRP 323613 | 28.00 1.49 0.00 | 25.46 1.37 0.00 | 24.88 1.26 0.00 | 22.80 1.13 0.00 | 21.11 1.04 0.00 | 23.14 0.79 -8.08 | 44.08 1.18 -20.69 | 37.50 1.65 -3.63 | 28.50 1.18 -1.99 | 35.46 1.56 -0.06 | 37.54 1.63 0.00 | 53.24 2.20 0.00 | 43.42 1.95 0.00 | 37.95 1.98 0.01 | 38.41 2.02 0.00 | 51.71 2.64 0.00 | 71.13 3.38 -10.63 | 81.42 4.21 -8.24 | 79.40 4.48 0.43 | 58.03 3.23 0.00 | 47.52 2.66 0.00 | 38.14 2.06 0.10 | 34.10 1.73 0.27 | 34.66 1.59 0.17 |
| HUNTINGTON_RES_REC 323705 | 29.88 2.60 -0.78 | 27.17 2.37 -0.71 | 25.75 2.13 0.00 | 23.56 1.90 0.00 | 21.83 1.76 0.00 | 56.42 1.31 -40.84 | 142.30 1.76 -118.33 | 172.63 2.30 -138.12 | 43.79 2.23 -16.22 | 45.56 2.86 -8.86 | 41.57 2.77 -2.89 | 62.31 4.35 -6.92 | 323.40 3.72 -278.22 | 251.68 3.25 -212.44 | 153.66 3.90 -113.36 | 259.98 5.71 -205.20 | 89.78 6.49 -26.18 | 263.23 8.00 -186.25 | 366.94 8.29 -283.29 | 79.63 5.76 -19.07 | 232.76 4.57 -183.31 | 42.54 3.44 -2.92 | 36.18 3.03 -0.51 | 36.53 2.96 -0.33 |
| HUNTLEY___63 23557 | 26.27 -0.24 0.00 | 24.10 0.01 0.00 | 23.65 0.03 0.00 | 21.66 0.00 0.00 | 20.04 -0.03 0.00 | 14.07 -0.20 0.00 | 22.32 0.11 0.00 | 32.01 -0.20 0.00 | 25.30 -0.03 0.00 | 34.21 0.37 0.00 | 35.91 0.00 0.00 | 50.59 -0.45 0.00 | 40.62 -0.84 0.00 | 35.17 -0.81 0.00 | 34.75 -1.64 0.01 | 40.75 -2.04 6.29 | 47.92 -2.02 7.18 | 66.40 -2.57 0.00 | 72.74 -2.62 0.00 | 52.99 -1.81 0.00 | 43.35 -1.52 0.00 | 35.53 -0.65 0.00 | 32.65 0.01 0.00 | 33.51 0.27 0.00 |
| HUNTLEY___64 23558 | 26.27 -0.24 0.00 | 24.10 0.01 0.00 | 23.65 0.03 0.00 | 21.66 0.00 0.00 | 20.04 -0.03 0.00 | 14.07 -0.20 0.00 | 22.32 0.11 0.00 | 32.01 -0.20 0.00 | 25.30 -0.03 0.00 | 34.21 0.37 0.00 | 35.91 0.00 0.00 | 50.59 -0.45 0.00 | 40.62 -0.84 0.00 | 35.17 -0.81 0.00 | 34.75 -1.64 0.01 | 40.75 -2.04 6.29 | 47.92 -2.02 7.18 | 66.40 -2.57 0.00 | 72.74 -2.62 0.00 | 52.99 -1.81 0.00 | 43.35 -1.52 0.00 | 35.53 -0.65 0.00 | 32.65 0.01 0.00 | 33.51 0.27 0.00 |
| HUNTLEY___65 23559 | 26.27 -0.24 0.00 | 24.10 0.01 0.00 | 23.65 0.03 0.00 | 21.66 0.00 0.00 | 20.04 -0.03 0.00 | 14.07 -0.20 0.00 | 22.32 0.11 0.00 | 32.01 -0.20 0.00 | 25.30 -0.03 0.00 | 34.21 0.37 0.00 | 35.91 0.00 0.00 | 50.59 -0.45 0.00 | 40.62 -0.84 0.00 | 35.17 -0.81 0.00 | 34.75 -1.64 0.01 | 40.75 -2.04 6.29 | 47.92 -2.02 7.18 | 66.40 -2.57 0.00 | 72.74 -2.62 0.00 | 52.99 -1.81 0.00 | 43.35 -1.52 0.00 | 35.53 -0.65 0.00 | 32.65 0.01 0.00 | 33.51 0.27 0.00 |
| HUNTLEY___66 23560 | 26.27 -0.24 0.00 | 24.10 0.01 0.00 | 23.65 0.03 0.00 | 21.66 0.00 0.00 | 20.04 -0.03 0.00 | 14.07 -0.20 0.00 | 22.32 0.11 0.00 | 32.01 -0.20 0.00 | 25.30 -0.03 0.00 | 34.21 0.37 0.00 | 35.91 0.00 0.00 | 50.59 -0.45 0.00 | 40.62 -0.84 0.00 | 35.17 -0.81 0.00 | 34.75 -1.64 0.01 | 40.75 -2.04 6.29 | 47.92 -2.02 7.18 | 66.40 -2.57 0.00 | 72.74 -2.62 0.00 | 52.99 -1.81 0.00 | 43.35 -1.52 0.00 | 35.53 -0.65 0.00 | 32.65 0.01 0.00 | 33.51 0.27 0.00 |
| HUNTLEY___67 23561 | 26.08 -0.43 0.00 | 23.91 -0.19 0.00 | 23.46 -0.16 0.00 | 21.49 -0.18 0.00 | 19.87 -0.20 0.00 | 13.95 -0.31 0.00 | 22.13 -0.07 0.00 | 31.77 -0.45 0.00 | 25.13 -0.20 0.00 | 33.95 0.10 0.00 | 35.66 -0.25 0.00 | 50.29 -0.75 0.00 | 40.37 -1.10 0.00 | 34.90 -1.08 0.00 | 34.50 -1.89 0.01 | 39.37 -2.35 7.35 | 46.29 -2.41 8.42 | 65.98 -3.00 0.00 | 72.27 -3.08 0.00 | 52.66 -2.14 0.00 | 43.08 -1.79 0.00 | 35.31 -0.87 0.00 | 32.43 -0.21 0.00 | 33.29 0.04 0.00 |
| HUNTLEY___68 23562 | 26.08 -0.43 0.00 | 23.91 -0.19 0.00 | 23.46 -0.16 0.00 | 21.49 -0.18 0.00 | 19.87 -0.20 0.00 | 13.95 -0.31 0.00 | 22.13 -0.07 0.00 | 31.77 -0.45 0.00 | 25.13 -0.20 0.00 | 33.95 0.10 0.00 | 35.66 -0.25 0.00 | 50.29 -0.75 0.00 | 40.37 -1.10 0.00 | 34.90 -1.08 0.00 | 34.50 -1.89 0.01 | 39.37 -2.35 7.35 | 46.29 -2.41 8.42 | 65.98 -3.00 0.00 | 72.27 -3.08 0.00 | 52.66 -2.14 0.00 | 43.08 -1.79 0.00 | 35.31 -0.87 0.00 | 32.43 -0.21 0.00 | 33.29 0.04 0.00 |
| HYLAND___LFGE 323620 | 27.34 0.83 0.00 | 24.94 0.84 0.00 | 24.49 0.87 0.00 | 22.42 0.76 0.00 | 20.74 0.67 0.00 | 14.69 0.43 0.00 | 23.33 1.12 0.00 | 33.61 1.40 0.00 | 26.53 1.11 -0.08 | 35.26 1.42 0.00 | 37.14 1.11 -0.13 | 52.14 1.10 0.00 | 41.63 0.16 0.00 | 36.02 0.03 0.00 | 35.70 -0.72 -0.03 | 74.35 -0.58 -25.85 | 86.45 -0.31 -29.64 | 68.95 -0.02 0.00 | 76.10 0.75 0.00 | 56.23 1.44 0.00 | 46.36 1.49 0.00 | 38.02 1.84 0.00 | 34.48 1.84 0.00 | 35.16 1.92 0.00 |
| INDECK___CORINTH 23802 | 27.90 1.39 0.00 | 25.31 1.22 0.00 | 24.72 1.10 0.00 | 22.61 0.95 0.00 | 20.95 0.88 0.00 | 26.16 0.66 -11.23 | 51.94 0.98 -28.75 | 38.67 1.41 -5.05 | 29.11 1.01 -2.77 | 35.14 1.21 -0.08 | 37.18 1.27 0.00 | 53.01 1.97 0.00 | 43.21 1.75 0.00 | 37.51 1.55 0.03 | 38.10 1.70 0.00 | 51.62 2.54 0.00 | 70.18 2.85 -10.20 | 78.93 3.30 -6.66 | 77.99 3.61 0.97 | 57.42 2.62 0.00 | 47.12 2.25 0.00 | 37.71 1.75 0.22 | 33.45 1.40 0.59 | 34.18 1.33 0.39 |
| INDECK___ILION 23567 | 26.59 0.08 0.00 | 24.16 0.06 0.00 | 23.61 -0.01 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.29 0.02 0.00 | 22.29 0.09 0.00 | 32.27 0.05 0.00 | 25.36 0.02 0.00 | 33.80 -0.04 0.00 | 35.94 0.04 0.00 | 51.20 0.17 0.00 | 41.71 0.24 0.00 | 36.20 0.21 0.00 | 36.71 0.32 0.00 | 49.50 0.42 0.00 | 57.55 0.43 0.00 | 69.24 0.27 0.00 | 75.53 0.18 0.00 | 54.91 0.11 0.00 | 45.02 0.15 0.00 | 36.27 0.09 0.00 | 32.67 0.03 0.00 | 33.20 -0.04 0.00 |
| INDECK___OLEAN 23982 | 26.56 0.05 0.00 | 24.29 0.19 0.00 | 23.74 0.12 0.00 | 21.69 0.03 0.00 | 20.10 0.03 0.00 | 14.18 -0.08 0.00 | 22.61 0.40 0.00 | 32.61 0.40 0.00 | 26.01 0.58 -0.10 | 34.86 1.02 0.00 | 36.76 0.71 -0.15 | 51.57 0.54 0.00 | 41.39 -0.08 0.00 | 35.80 -0.19 0.00 | 35.52 -0.88 0.00 | 47.41 -0.31 1.35 | 55.33 -0.25 1.54 | 68.17 -0.81 0.00 | 74.32 -1.03 0.00 | 54.24 -0.56 0.00 | 44.20 -0.67 0.00 | 36.17 -0.02 0.00 | 33.04 0.40 0.00 | 33.77 0.52 0.00 |
| INDECK___OSWEGO 23783 | 25.89 -0.62 0.00 | 23.54 -0.56 0.00 | 23.02 -0.60 0.00 | 21.12 -0.54 0.00 | 19.57 -0.50 0.00 | 13.92 -0.34 0.00 | 21.80 -0.40 0.00 | 31.57 -0.65 0.00 | 25.69 -0.45 -0.80 | 33.30 -0.54 0.00 | 36.51 -0.60 -1.20 | 50.08 -0.96 0.00 | 40.63 -0.83 0.00 | 35.21 -0.78 0.00 | 35.46 -0.93 0.00 | 47.87 -1.20 0.00 | 55.79 -1.33 0.00 | 67.38 -1.59 0.00 | 73.71 -1.65 0.00 | 53.61 -1.19 0.00 | 43.83 -1.04 0.00 | 35.41 -0.77 0.00 | 32.01 -0.64 0.00 | 32.61 -0.64 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| INDECK___YERKES 23781 | 26.30 -0.20 0.00 | 24.13 0.03 0.00 | 23.67 0.05 0.00 | 21.69 0.03 0.00 | 20.06 -0.01 0.00 | 14.08 -0.19 0.00 | 22.35 0.14 0.00 | 32.04 -0.17 0.00 | 25.35 0.01 0.00 | 34.25 0.41 0.00 | 35.96 0.05 0.00 | 50.65 -0.38 0.00 | 40.67 -0.79 0.00 | 35.22 -0.76 0.00 | 34.80 -1.60 0.01 | 40.86 -1.93 6.28 | 48.04 -1.90 7.18 | 66.50 -2.47 0.00 | 72.81 -2.54 0.00 | 53.04 -1.76 0.00 | 43.40 -1.47 0.00 | 35.57 -0.62 0.00 | 32.68 0.04 0.00 | 33.55 0.30 0.00 |
| INDIAN POINT_GT_1 24139 | 28.18 1.67 0.00 | 25.55 1.45 0.00 | 24.89 1.27 0.00 | 22.84 1.18 0.00 | 21.17 1.10 0.00 | 58.73 0.85 -43.61 | 135.05 1.24 -111.60 | 53.60 1.80 -19.59 | 37.57 1.37 -10.87 | 35.89 1.74 -0.30 | 37.98 1.99 -0.08 | 54.11 3.08 0.00 | 44.21 2.74 0.00 | 38.58 2.57 -0.02 | 39.22 2.82 0.00 | 53.15 4.07 0.00 | 89.20 4.81 -27.27 | 100.26 5.78 -25.51 | 81.92 5.76 -0.81 | 58.89 4.09 0.00 | 47.91 3.04 0.00 | 38.63 2.26 -0.19 | 35.18 2.04 -0.49 | 35.60 2.03 -0.32 |
| INDIAN POINT_GT_2 23659 | 28.18 1.67 0.00 | 25.55 1.45 0.00 | 24.89 1.27 0.00 | 22.84 1.18 0.00 | 21.17 1.10 0.00 | 58.73 0.85 -43.61 | 135.05 1.24 -111.60 | 53.60 1.80 -19.59 | 37.57 1.37 -10.87 | 35.89 1.74 -0.30 | 37.98 1.99 -0.08 | 54.11 3.08 0.00 | 44.21 2.74 0.00 | 38.58 2.57 -0.02 | 39.22 2.82 0.00 | 53.15 4.07 0.00 | 89.20 4.81 -27.27 | 100.26 5.78 -25.51 | 81.92 5.76 -0.81 | 58.89 4.09 0.00 | 47.91 3.04 0.00 | 38.63 2.26 -0.19 | 35.18 2.04 -0.49 | 35.60 2.03 -0.32 |
| INDIAN POINT_GT_3 24019 | 28.18 1.67 0.00 | 25.55 1.45 0.00 | 24.89 1.27 0.00 | 22.84 1.18 0.00 | 21.17 1.10 0.00 | 58.73 0.85 -43.61 | 135.05 1.24 -111.60 | 53.60 1.80 -19.59 | 37.57 1.37 -10.87 | 35.89 1.74 -0.30 | 37.98 1.99 -0.08 | 54.11 3.08 0.00 | 44.21 2.74 0.00 | 38.58 2.57 -0.02 | 39.22 2.82 0.00 | 53.15 4.07 0.00 | 89.20 4.81 -27.27 | 100.26 5.78 -25.51 | 81.92 5.76 -0.81 | 58.89 4.09 0.00 | 47.91 3.04 0.00 | 38.63 2.26 -0.19 | 35.18 2.04 -0.49 | 35.60 2.03 -0.32 |
| INDIAN POINT___2 23530 | 28.13 1.62 0.00 | 25.50 1.40 0.00 | 24.85 1.22 0.00 | 22.79 1.13 0.00 | 21.13 1.06 0.00 | 66.97 0.82 -51.88 | 156.18 1.20 -132.77 | 57.25 1.73 -23.30 | 39.44 1.32 -12.79 | 35.87 1.67 -0.36 | 37.90 1.92 -0.08 | 54.02 2.98 0.00 | 44.15 2.69 0.00 | 38.51 2.51 -0.02 | 39.15 2.75 0.00 | 53.06 3.98 0.00 | 91.44 4.71 -29.60 | 102.13 5.70 -27.45 | 81.79 5.66 -0.78 | 58.80 4.00 0.00 | 47.83 2.96 0.00 | 38.57 2.20 -0.18 | 35.11 1.99 -0.48 | 35.56 2.00 -0.31 |
| INDIAN POINT___3 23531 | 28.14 1.63 0.00 | 25.50 1.41 0.00 | 24.86 1.24 0.00 | 22.81 1.14 0.00 | 21.14 1.07 0.00 | 59.29 0.82 -44.20 | 136.51 1.20 -113.10 | 53.80 1.74 -19.85 | 37.58 1.32 -10.92 | 35.83 1.68 -0.30 | 37.90 1.92 -0.08 | 54.02 2.98 0.00 | 44.14 2.68 0.00 | 38.51 2.51 -0.02 | 39.14 2.75 0.00 | 53.05 3.97 0.00 | 89.15 4.69 -27.34 | 100.18 5.64 -25.57 | 81.77 5.66 -0.81 | 58.78 3.98 0.00 | 47.82 2.95 0.00 | 38.56 2.19 -0.19 | 35.11 1.98 -0.50 | 35.53 1.96 -0.33 |
| INGHAM_C_115KV_TB7 356103 | 26.60 0.09 0.00 | 24.14 0.04 0.00 | 23.51 -0.11 0.00 | 21.63 -0.03 0.00 | 19.98 -0.09 0.00 | 14.24 -0.02 0.00 | 22.29 0.09 0.00 | 32.14 -0.08 0.00 | 25.23 -0.10 0.00 | 33.53 -0.31 0.00 | 35.74 -0.17 0.00 | 51.03 -0.01 0.00 | 41.72 0.25 0.00 | 36.23 0.25 0.00 | 36.85 0.46 0.00 | 49.73 0.65 0.00 | 57.72 0.60 0.00 | 69.10 0.13 0.00 | 75.32 -0.03 0.00 | 54.68 -0.11 0.00 | 44.94 0.07 0.00 | 36.15 -0.04 0.00 | 32.46 -0.18 0.00 | 32.89 -0.36 0.00 |
| IP CORINTH___1 23988 | 28.05 1.54 0.00 | 25.45 1.35 0.00 | 24.84 1.22 0.00 | 22.73 1.07 0.00 | 21.06 0.99 0.00 | 26.24 0.73 -11.23 | 52.05 1.09 -28.75 | 38.84 1.58 -5.05 | 29.26 1.16 -2.77 | 35.33 1.41 -0.08 | 37.40 1.49 0.00 | 53.30 2.26 0.00 | 43.45 1.98 0.00 | 37.71 1.75 0.03 | 38.30 1.91 0.00 | 51.89 2.82 0.00 | 70.52 3.20 -10.20 | 79.32 3.69 -6.66 | 78.42 4.03 0.97 | 57.73 2.93 0.00 | 47.38 2.51 0.00 | 37.92 1.96 0.22 | 33.63 1.58 0.59 | 34.36 1.51 0.39 |
| IP___TICONDEROGA 23804 | 29.68 3.17 0.00 | 26.83 2.73 0.00 | 26.14 2.52 0.00 | 23.72 2.05 0.00 | 21.96 1.89 0.00 | 26.90 1.35 -11.29 | 53.16 2.06 -28.88 | 40.32 3.04 -5.07 | 30.39 2.27 -2.78 | 36.79 2.87 -0.08 | 39.22 3.31 0.00 | 55.73 4.69 0.00 | 45.37 3.91 0.00 | 39.47 3.51 0.03 | 40.29 3.90 0.00 | 54.77 5.69 0.00 | 73.13 5.78 -10.24 | 82.53 6.91 -6.64 | 82.15 7.79 0.99 | 60.50 5.70 0.00 | 49.49 4.62 0.00 | 39.79 3.84 0.23 | 35.14 3.10 0.60 | 35.92 3.07 0.40 |
| ISLIP_RES_REC 323679 | 30.23 2.94 -0.78 | 27.52 2.71 -0.71 | 26.09 2.47 0.00 | 23.88 2.21 0.00 | 22.12 2.05 0.00 | 56.62 1.51 -40.84 | 142.49 1.95 -118.33 | 172.61 2.28 -138.12 | 44.19 2.63 -16.22 | 46.08 3.38 -8.86 | 42.02 3.22 -2.89 | 62.99 5.03 -6.92 | 323.82 4.14 -278.22 | 252.11 3.68 -212.44 | 154.02 4.25 -113.37 | 233.64 6.61 -177.96 | 90.74 7.46 -26.17 | 167.44 9.07 -89.40 | 197.16 9.45 -112.35 | 80.01 6.70 -18.51 | 233.48 5.29 -183.31 | 43.15 4.04 -2.92 | 36.69 3.55 -0.51 | 37.03 3.46 -0.33 |
| JAMAICA__27_KV_LOAD 355505 | 28.61 2.10 0.00 | 25.90 1.80 0.00 | 25.24 1.62 0.00 | 23.18 1.51 0.00 | 21.50 1.43 0.00 | 56.33 1.09 -40.98 | 128.66 1.59 -104.87 | 52.96 2.34 -18.40 | 37.29 1.78 -10.18 | 36.39 2.26 -0.28 | 38.49 2.51 -0.08 | 54.89 3.85 0.00 | 44.87 3.40 0.00 | 39.19 3.18 -0.02 | 39.80 3.40 0.00 | 53.96 4.89 0.00 | 87.92 5.72 -25.08 | 99.51 6.90 -23.64 | 83.15 6.97 -0.83 | 59.74 4.94 0.00 | 48.59 3.71 0.00 | 39.21 2.84 -0.19 | 35.83 2.69 -0.51 | 36.22 2.64 -0.33 |
| JANIS___SOLAR 323808 | 27.55 1.05 0.00 | 25.02 0.93 0.00 | 24.41 0.79 0.00 | 22.30 0.63 0.00 | 20.70 0.63 0.00 | 14.83 0.57 0.00 | 23.30 1.09 0.00 | 33.78 1.57 0.00 | 27.06 1.39 -0.33 | 35.69 1.84 0.00 | 38.24 1.83 -0.50 | 53.63 2.59 0.00 | 43.18 1.71 0.00 | 37.56 1.58 0.00 | 38.03 1.64 0.00 | 52.51 1.76 -1.68 | 61.99 2.94 -1.93 | 71.63 2.66 0.00 | 78.21 2.85 0.00 | 57.39 2.59 0.00 | 47.06 2.19 0.00 | 37.97 1.78 0.00 | 34.26 1.62 0.00 | 34.78 1.53 0.00 |
| JARVIS____ 23743 | 26.51 0.00 0.00 | 24.10 0.00 0.00 | 23.60 -0.02 0.00 | 21.66 0.00 0.00 | 20.06 -0.01 0.00 | 14.27 0.00 0.00 | 22.23 0.02 0.00 | 32.25 0.03 0.00 | 25.36 0.02 0.00 | 33.85 0.01 0.00 | 35.94 0.04 0.00 | 51.09 0.06 0.00 | 41.54 0.07 0.00 | 36.06 0.07 0.00 | 36.47 0.08 0.00 | 49.14 0.07 0.00 | 57.20 0.08 0.00 | 68.99 0.02 0.00 | 75.36 0.00 0.00 | 54.80 0.00 0.00 | 44.88 0.00 0.00 | 36.22 0.04 0.00 | 32.67 0.03 0.00 | 33.28 0.03 0.00 |
| JENNISON___1 23625 | 27.82 1.31 0.00 | 25.24 1.15 0.00 | 24.61 1.00 0.00 | 22.50 0.84 0.00 | 20.87 0.80 0.00 | 14.94 0.68 0.00 | 23.46 1.25 0.00 | 34.02 1.80 0.00 | 27.20 1.59 -0.27 | 35.98 2.14 0.00 | 38.58 2.27 -0.41 | 54.16 3.12 0.00 | 43.86 2.40 0.00 | 38.10 2.12 0.00 | 38.47 2.08 0.00 | 51.86 2.78 0.00 | 60.82 3.70 0.00 | 72.88 3.91 0.00 | 79.43 4.08 0.00 | 58.02 3.22 0.00 | 47.43 2.56 0.00 | 38.28 2.10 0.00 | 34.49 1.85 0.00 | 35.00 1.75 0.00 |
| JENNISON___2 23626 | 27.82 1.31 0.00 | 25.24 1.15 0.00 | 24.61 1.00 0.00 | 22.50 0.84 0.00 | 20.87 0.80 0.00 | 14.94 0.68 0.00 | 23.46 1.25 0.00 | 34.02 1.80 0.00 | 27.20 1.59 -0.27 | 35.98 2.14 0.00 | 38.58 2.27 -0.41 | 54.16 3.12 0.00 | 43.86 2.40 0.00 | 38.10 2.12 0.00 | 38.47 2.08 0.00 | 51.86 2.78 0.00 | 60.82 3.70 0.00 | 72.88 3.91 0.00 | 79.43 4.08 0.00 | 58.02 3.22 0.00 | 47.43 2.56 0.00 | 38.28 2.10 0.00 | 34.49 1.85 0.00 | 35.00 1.75 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| LACHUTE____HYDRO 323717 | 29.68 3.17 0.00 | 26.83 2.73 0.00 | 26.14 2.52 0.00 | 23.72 2.05 0.00 | 21.96 1.89 0.00 | 26.90 1.35 -11.29 | 53.15 2.06 -28.88 | 40.32 3.04 -5.07 | 30.38 2.27 -2.78 | 36.79 2.87 -0.08 | 39.22 3.32 0.00 | 55.73 4.69 0.00 | 45.38 3.91 0.00 | 39.47 3.51 0.03 | 40.30 3.90 0.00 | 54.76 5.69 0.00 | 73.13 5.77 -10.24 | 82.53 6.91 -6.64 | 82.15 7.79 0.99 | 60.49 5.69 0.00 | 49.48 4.62 0.00 | 39.79 3.84 0.23 | 35.14 3.10 0.60 | 35.92 3.07 0.40 |
| LAWRNCAV_115KV_TB1 80681 | 25.85 -0.66 0.00 | 23.42 -0.68 0.00 | 23.04 -0.58 0.00 | 21.19 -0.48 0.00 | 19.59 -0.49 0.00 | 13.92 -0.35 0.00 | 21.71 -0.49 0.00 | 31.68 -0.53 0.00 | 24.91 -0.43 0.00 | 33.34 -0.50 0.00 | 35.25 -0.66 0.00 | 50.05 -0.98 0.00 | 40.57 -0.89 0.00 | 35.09 -0.90 0.00 | 35.38 -1.01 0.00 | 47.55 -1.53 0.00 | 55.33 -1.79 0.00 | 67.27 -1.70 0.00 | 74.08 -1.27 0.00 | 53.83 -0.97 0.00 | 44.22 -0.65 0.00 | 35.67 -0.51 0.00 | 32.03 -0.61 0.00 | 32.60 -0.64 0.00 |
| LEDERLE____ 23769 | 28.21 1.70 0.00 | 25.56 1.47 0.00 | 24.90 1.28 0.00 | 22.84 1.18 0.00 | 21.17 1.10 0.00 | -27.95 0.85 43.07 | -86.75 1.26 110.22 | 14.71 1.84 19.34 | 16.19 1.41 10.55 | 35.35 1.81 0.30 | 38.10 2.11 -0.08 | 54.32 3.29 0.00 | 44.42 2.95 0.00 | 38.74 2.74 -0.02 | 39.41 3.01 0.00 | 53.40 4.32 0.00 | 101.28 5.14 -39.03 | 110.78 6.24 -35.56 | 82.30 6.20 -0.75 | 59.20 4.40 0.00 | 48.11 3.23 0.00 | 38.76 2.41 -0.17 | 35.26 2.17 -0.46 | 35.66 2.12 -0.30 |
| LIGHTHSE_115KV_TB6 355974 | 26.00 -0.51 0.00 | 23.58 -0.52 0.00 | 23.04 -0.57 0.00 | 21.23 -0.43 0.00 | 19.62 -0.45 0.00 | 14.03 -0.24 0.00 | 22.12 -0.08 0.00 | 32.04 -0.17 0.00 | 25.64 -0.10 -0.41 | 33.79 -0.05 0.00 | 36.37 -0.15 -0.61 | 50.72 -0.31 0.00 | 41.08 -0.38 0.00 | 35.39 -0.59 0.00 | 35.50 -0.90 0.00 | 48.08 -0.99 0.00 | 56.07 -1.05 0.00 | 67.84 -1.13 0.00 | 74.64 -0.72 0.00 | 54.30 -0.50 0.00 | 44.37 -0.50 0.00 | 35.93 -0.25 0.00 | 32.42 -0.21 0.00 | 32.99 -0.25 0.00 |
| LINDEN COGEN____ 23786 | 28.26 1.75 0.00 | 25.62 1.52 0.00 | 24.95 1.33 0.00 | 22.90 1.23 0.00 | 21.23 1.16 0.00 | 56.16 0.91 -40.98 | 128.39 1.32 -104.87 | 52.55 1.93 -18.40 | 36.94 1.43 -10.18 | 35.89 1.77 -0.28 | 38.05 2.07 -0.08 | 54.21 3.17 0.00 | 44.33 2.86 0.00 | 38.71 2.70 -0.02 | 39.36 2.97 0.00 | 53.32 4.25 0.00 | 87.17 4.97 -25.08 | 98.68 6.07 -23.64 | 82.21 6.02 -0.83 | 59.08 4.28 0.00 | 47.98 3.11 0.00 | 38.67 2.29 -0.19 | 35.25 2.11 -0.51 | 35.67 2.09 -0.33 |
| LINDHRST_69_KV_BK1 356055 | 30.04 2.75 -0.78 | 27.28 2.48 -0.71 | 25.84 2.22 0.00 | 23.65 1.99 0.00 | 21.91 1.84 0.00 | 56.48 1.37 -40.84 | 142.45 1.92 -118.33 | 173.06 2.73 -138.12 | 44.02 2.47 -16.22 | 45.91 3.20 -8.86 | 42.00 3.20 -2.89 | 62.81 4.85 -6.92 | 323.87 4.19 -278.22 | 252.12 3.70 -212.44 | 154.06 4.30 -113.37 | 217.04 6.00 -161.96 | 90.11 6.83 -26.16 | 111.52 8.41 -34.14 | 98.81 8.62 -14.84 | 78.76 6.14 -17.82 | 233.07 4.88 -183.31 | 42.81 3.71 -2.92 | 36.45 3.30 -0.51 | 36.81 3.24 -0.33 |
| LIPA_MISC_IPP 23656 | 29.84 2.55 -0.78 | 27.21 2.40 -0.71 | 25.82 2.20 0.00 | 23.64 1.98 0.00 | 21.88 1.81 0.00 | 56.44 1.33 -40.84 | 142.20 1.67 -118.33 | 172.28 1.95 -138.12 | 43.83 2.27 -16.22 | 45.52 2.81 -8.86 | 41.48 2.68 -2.89 | 62.16 4.20 -6.92 | 323.07 3.38 -278.22 | 251.46 3.03 -212.44 | 153.48 3.72 -113.37 | 233.40 5.67 -178.66 | 89.72 6.44 -26.16 | 168.87 7.81 -92.09 | 200.57 8.10 -117.11 | 79.01 5.74 -18.48 | 232.72 4.53 -183.31 | 42.50 3.40 -2.92 | 36.13 2.98 -0.51 | 36.50 2.93 -0.33 |
| LISF____SOLAR 323691 | 29.89 2.60 -0.78 | 27.25 2.45 -0.71 | 25.87 2.25 0.00 | 23.68 2.02 0.00 | 21.92 1.85 0.00 | 56.47 1.36 -40.84 | 142.24 1.71 -118.33 | 172.33 2.00 -138.12 | 43.87 2.31 -16.22 | 45.59 2.88 -8.86 | 41.58 2.78 -2.89 | 62.29 4.33 -6.92 | 323.17 3.48 -278.22 | 251.56 3.13 -212.44 | 153.56 3.81 -113.37 | 233.73 5.78 -178.88 | 89.89 6.60 -26.17 | 169.77 7.95 -92.85 | 202.10 8.30 -118.44 | 79.19 5.90 -18.49 | 232.85 4.66 -183.31 | 42.59 3.49 -2.92 | 36.20 3.05 -0.51 | 36.57 2.99 -0.33 |
| LITTLE FALLS____HYD 24013 | 26.60 0.09 0.00 | 24.14 0.04 0.00 | 23.51 -0.11 0.00 | 21.63 -0.03 0.00 | 19.98 -0.09 0.00 | 14.24 -0.02 0.00 | 22.29 0.09 0.00 | 32.14 -0.08 0.00 | 25.23 -0.10 0.00 | 33.53 -0.31 0.00 | 35.74 -0.17 0.00 | 51.03 -0.01 0.00 | 41.72 0.25 0.00 | 36.23 0.25 0.00 | 36.85 0.46 0.00 | 49.73 0.65 0.00 | 57.72 0.60 0.00 | 69.10 0.13 0.00 | 75.32 -0.03 0.00 | 54.68 -0.11 0.00 | 44.94 0.07 0.00 | 36.15 -0.04 0.00 | 32.46 -0.18 0.00 | 32.89 -0.36 0.00 |
| LITTLRIV_115KV_TB1 356100 | 26.13 -0.37 0.00 | 23.67 -0.42 0.00 | 23.30 -0.32 0.00 | 21.42 -0.24 0.00 | 19.80 -0.27 0.00 | 14.07 -0.20 0.00 | 21.97 -0.24 0.00 | 32.05 -0.17 0.00 | 25.23 -0.16 -0.05 | 33.76 -0.09 0.00 | 35.82 -0.17 -0.08 | 50.77 -0.27 0.00 | 41.19 -0.28 0.00 | 35.63 -0.35 0.00 | 35.91 -0.48 0.00 | 48.09 -0.99 0.00 | 55.98 -1.14 0.00 | 68.13 -0.84 0.00 | 75.02 -0.34 0.00 | 54.48 -0.32 0.00 | 44.74 -0.13 0.00 | 36.10 -0.09 0.00 | 32.38 -0.26 0.00 | 32.94 -0.30 0.00 |
| LI_NEWBRDGE____DRP 323616 | 29.42 2.13 -0.78 | 26.71 1.90 -0.71 | 25.30 1.68 0.00 | 23.16 1.50 0.00 | 21.47 1.40 0.00 | 56.17 1.06 -40.84 | 142.01 1.48 -118.33 | 172.59 2.26 -138.12 | 43.50 1.94 -16.22 | 45.20 2.50 -8.86 | 41.34 2.54 -2.89 | 61.88 3.92 -6.92 | 323.09 3.41 -278.22 | 251.37 2.94 -212.44 | 153.09 3.33 -113.36 | 214.00 4.75 -160.18 | 88.70 5.42 -26.16 | 104.23 6.62 -28.63 | 87.11 6.63 -5.13 | 77.09 4.68 -17.61 | 231.88 3.69 -183.31 | 41.84 2.75 -2.91 | 35.59 2.45 -0.51 | 36.01 2.43 -0.33 |
| LOCKPORT_115KV_TB60_63_64 80432 | 26.07 -0.44 0.00 | 23.91 -0.19 0.00 | 23.45 -0.16 0.00 | 21.49 -0.18 0.00 | 19.87 -0.20 0.00 | 13.94 -0.33 0.00 | 22.10 -0.11 0.00 | 31.70 -0.51 0.00 | 25.07 -0.26 0.00 | 33.91 0.06 0.00 | 35.57 -0.33 0.00 | 50.11 -0.93 0.00 | 40.24 -1.23 0.00 | 34.84 -1.15 0.00 | 34.42 -1.97 0.00 | 41.19 -2.43 5.45 | 48.49 -2.40 6.23 | 65.71 -3.27 0.00 | 72.02 -3.34 0.00 | 52.50 -2.30 0.00 | 42.97 -1.90 0.00 | 35.24 -0.94 0.00 | 32.42 -0.22 0.00 | 33.27 0.03 0.00 |
| LOCKPORT____CC1 323769 | 26.06 -0.45 0.00 | 23.90 -0.20 0.00 | 23.45 -0.17 0.00 | 21.49 -0.17 0.00 | 19.86 -0.21 0.00 | 13.93 -0.34 0.00 | 22.10 -0.11 0.00 | 31.69 -0.52 0.00 | 25.08 -0.26 0.00 | 33.89 0.05 0.00 | 35.57 -0.34 0.00 | 50.09 -0.94 0.00 | 40.23 -1.24 0.00 | 34.80 -1.18 0.00 | 34.39 -2.00 0.01 | 40.78 -2.41 5.88 | 47.94 -2.45 6.73 | 65.69 -3.29 0.00 | 71.97 -3.39 0.00 | 52.47 -2.34 0.00 | 42.94 -1.93 0.00 | 35.22 -0.97 0.00 | 32.39 -0.25 0.00 | 33.26 0.02 0.00 |
| LOCKPORT____CC2 323770 | 26.06 -0.45 0.00 | 23.90 -0.20 0.00 | 23.45 -0.17 0.00 | 21.49 -0.17 0.00 | 19.86 -0.21 0.00 | 13.93 -0.34 0.00 | 22.10 -0.11 0.00 | 31.69 -0.52 0.00 | 25.08 -0.26 0.00 | 33.89 0.05 0.00 | 35.57 -0.34 0.00 | 50.09 -0.94 0.00 | 40.23 -1.24 0.00 | 34.80 -1.18 0.00 | 34.39 -2.00 0.01 | 40.78 -2.41 5.88 | 47.94 -2.45 6.73 | 65.69 -3.29 0.00 | 71.97 -3.39 0.00 | 52.47 -2.34 0.00 | 42.94 -1.93 0.00 | 35.22 -0.97 0.00 | 32.39 -0.25 0.00 | 33.26 0.02 0.00 |
| LOCKPORT____CC3 323771 | 26.06 -0.45 0.00 | 23.90 -0.20 0.00 | 23.45 -0.17 0.00 | 21.49 -0.17 0.00 | 19.86 -0.21 0.00 | 13.93 -0.34 0.00 | 22.10 -0.11 0.00 | 31.69 -0.52 0.00 | 25.08 -0.26 0.00 | 33.89 0.05 0.00 | 35.57 -0.34 0.00 | 50.09 -0.94 0.00 | 40.23 -1.24 0.00 | 34.80 -1.18 0.00 | 34.39 -2.00 0.01 | 40.78 -2.41 5.88 | 47.94 -2.45 6.73 | 65.69 -3.29 0.00 | 71.97 -3.39 0.00 | 52.47 -2.34 0.00 | 42.94 -1.93 0.00 | 35.22 -0.97 0.00 | 32.39 -0.25 0.00 | 33.26 0.02 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LONG_LAKE_PHOENIX 24014 | 26.07 -0.44 0.00 | 23.70 -0.40 0.00 | 23.18 -0.44 0.00 | 21.25 -0.41 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 21.93 -0.28 0.00 | 31.74 -0.48 0.00 | 25.59 -0.33 -0.59 | 33.43 -0.41 0.00 | 36.37 -0.42 -0.88 | 50.40 -0.64 0.00 | 40.89 -0.58 0.00 | 35.45 -0.54 0.00 | 35.72 -0.67 0.00 | 48.17 -0.90 0.00 | 56.13 -0.99 0.00 | 67.79 -1.19 0.00 | 74.11 -1.25 0.00 | 53.93 -0.87 0.00 | 44.11 -0.76 0.00 | 35.64 -0.55 0.00 | 32.21 -0.43 0.00 | 32.81 -0.43 0.00 |
| LOVETT___3 23632 | 28.09 1.57 0.00 | 25.46 1.37 0.00 | 24.81 1.19 0.00 | 22.76 1.10 0.00 | 21.10 1.03 0.00 | -29.36 0.79 44.42 | -90.30 1.16 113.67 | 13.95 1.69 19.95 | 15.73 1.28 10.89 | 35.16 1.62 0.30 | 37.87 1.88 -0.08 | 53.99 2.95 0.00 | 44.12 2.65 0.00 | 38.49 2.49 -0.02 | 39.13 2.74 0.00 | 53.05 3.97 0.00 | 97.02 4.72 -35.18 | 106.95 5.73 -32.25 | 81.75 5.64 -0.76 | 58.80 4.00 0.00 | 47.81 2.94 0.00 | 38.54 2.18 -0.17 | 35.07 1.97 -0.46 | 35.49 1.94 -0.30 |
| LOVETT___4 23642 | 28.09 1.57 0.00 | 25.46 1.37 0.00 | 24.81 1.19 0.00 | 22.76 1.10 0.00 | 21.10 1.03 0.00 | -29.36 0.79 44.42 | -90.30 1.16 113.67 | 13.95 1.69 19.95 | 15.73 1.28 10.89 | 35.16 1.62 0.30 | 37.87 1.88 -0.08 | 53.99 2.95 0.00 | 44.12 2.65 0.00 | 38.49 2.49 -0.02 | 39.13 2.74 0.00 | 53.05 3.97 0.00 | 97.02 4.72 -35.18 | 106.95 5.73 -32.25 | 81.75 5.64 -0.76 | 58.80 4.00 0.00 | 47.81 2.94 0.00 | 38.54 2.18 -0.17 | 35.07 1.97 -0.46 | 35.49 1.94 -0.30 |
| LOVETT___5 23593 | 28.09 1.57 0.00 | 25.46 1.37 0.00 | 24.81 1.19 0.00 | 22.76 1.10 0.00 | 21.10 1.03 0.00 | -29.36 0.79 44.42 | -90.30 1.16 113.67 | 13.95 1.69 19.95 | 15.73 1.28 10.89 | 35.16 1.62 0.30 | 37.87 1.88 -0.08 | 53.99 2.95 0.00 | 44.12 2.65 0.00 | 38.49 2.49 -0.02 | 39.13 2.74 0.00 | 53.05 3.97 0.00 | 97.02 4.72 -35.18 | 106.95 5.73 -32.25 | 81.75 5.64 -0.76 | 58.80 4.00 0.00 | 47.81 2.94 0.00 | 38.54 2.18 -0.17 | 35.07 1.97 -0.46 | 35.49 1.94 -0.30 |
| LOWER RAQUET___HYD 24057 | 25.71 -0.80 0.00 | 23.28 -0.82 0.00 | 22.90 -0.72 0.00 | 21.08 -0.59 0.00 | 19.47 -0.60 0.00 | 13.83 -0.44 0.00 | 21.61 -0.59 0.00 | 31.56 -0.65 0.00 | 24.87 -0.53 -0.06 | 33.23 -0.61 0.00 | 35.20 -0.79 -0.09 | 49.86 -1.17 0.00 | 40.41 -1.06 0.00 | 34.93 -1.06 0.00 | 35.20 -1.20 0.00 | 47.31 -1.76 0.00 | 55.08 -2.04 0.00 | 66.99 -1.98 0.00 | 73.83 -1.53 0.00 | 53.64 -1.16 0.00 | 44.07 -0.80 0.00 | 35.55 -0.64 0.00 | 31.90 -0.74 0.00 | 32.47 -0.77 0.00 |
| LOWER___HUDSON 24059 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.66 1.04 0.00 | 22.62 0.95 0.00 | 20.95 0.88 0.00 | 27.00 0.66 -12.07 | 54.05 0.94 -30.90 | 38.88 1.24 -5.42 | 29.19 0.88 -2.97 | 35.03 1.10 -0.08 | 37.15 1.24 0.00 | 52.83 1.80 0.00 | 43.04 1.57 0.00 | 37.36 1.41 0.03 | 38.00 1.61 0.00 | 51.27 2.20 0.00 | 70.34 2.47 -10.76 | 78.18 2.75 -6.46 | 76.96 2.87 1.27 | 56.93 2.13 0.00 | 46.58 1.71 0.00 | 37.17 1.28 0.29 | 32.93 1.07 0.78 | 33.78 1.05 0.51 |
| LOWVILLE_115KV_TB2 356335 | 25.66 -0.85 0.00 | 23.10 -1.00 0.00 | 22.65 -0.97 0.00 | 21.15 -0.51 0.00 | 19.40 -0.68 0.00 | 14.00 -0.26 0.00 | 22.38 0.17 0.00 | 32.60 0.38 0.00 | 25.70 0.22 -0.14 | 34.36 0.51 0.00 | 36.44 0.31 -0.22 | 51.44 0.41 0.00 | 41.49 0.02 0.00 | 35.48 -0.51 0.00 | 35.39 -1.01 0.00 | 48.03 -1.04 0.00 | 58.20 1.08 0.00 | 68.19 -0.79 0.00 | 75.58 0.22 0.00 | 55.29 0.49 0.00 | 45.22 0.35 0.00 | 36.83 0.64 0.00 | 33.20 0.56 0.00 | 33.76 0.51 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 28.14 1.63 0.00 | 25.57 1.48 0.00 | 24.99 1.37 0.00 | 22.90 1.24 0.00 | 21.21 1.14 0.00 | 26.47 0.84 -11.36 | 52.54 1.26 -29.07 | 39.09 1.77 -5.10 | 29.45 1.32 -2.80 | 35.58 1.66 -0.08 | 37.71 1.80 0.00 | 53.68 2.65 0.00 | 43.75 2.28 0.00 | 38.01 2.06 0.03 | 38.61 2.21 0.00 | 52.16 3.09 0.00 | 70.97 3.57 -10.29 | 79.74 4.14 -6.62 | 78.73 4.39 1.02 | 58.01 3.21 0.00 | 47.48 2.61 0.00 | 37.96 2.01 0.23 | 33.72 1.70 0.62 | 34.49 1.65 0.41 |
| LUTHERNY_35_KV_BK2 355980 | 28.17 1.66 0.00 | 25.59 1.50 0.00 | 25.02 1.40 0.00 | 22.93 1.27 0.00 | 21.24 1.17 0.00 | 26.48 0.85 -11.36 | 52.57 1.29 -29.07 | 39.12 1.81 -5.10 | 29.49 1.35 -2.80 | 35.60 1.68 -0.08 | 37.75 1.85 0.00 | 53.75 2.72 0.00 | 43.80 2.34 0.00 | 38.08 2.12 0.03 | 38.67 2.27 0.00 | 52.28 3.21 0.00 | 71.05 3.65 -10.29 | 79.83 4.24 -6.62 | 78.86 4.52 1.02 | 58.08 3.28 0.00 | 47.52 2.65 0.00 | 37.99 2.04 0.23 | 33.73 1.72 0.62 | 34.51 1.67 0.41 |
| LWR___OSWEGATCHIE_HYD 23850 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.49 0.00 | 55.39 -1.73 0.00 | 67.54 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.40 0.00 | 44.58 -0.29 0.00 | 36.13 -0.06 0.00 | 32.49 -0.15 0.00 | 33.05 -0.20 0.00 |
| LYONS_FALL_HYD 23570 | 26.43 -0.08 0.00 | 23.90 -0.19 0.00 | 23.41 -0.21 0.00 | 21.65 -0.01 0.00 | 19.96 -0.11 0.00 | 14.31 0.04 0.00 | 22.60 0.39 0.00 | 32.87 0.66 0.00 | 25.90 0.49 -0.08 | 34.66 0.82 0.00 | 36.85 0.82 -0.12 | 52.18 1.14 0.00 | 42.22 0.76 0.00 | 36.42 0.43 0.00 | 36.58 0.18 0.00 | 49.24 0.17 0.00 | 57.27 0.15 0.00 | 69.19 0.22 0.00 | 76.21 0.86 0.00 | 55.65 0.85 0.00 | 45.51 0.63 0.00 | 36.94 0.75 0.00 | 33.29 0.65 0.00 | 33.85 0.61 0.00 |
| MADISON___COUNTY_LFGE 323628 | 27.09 0.58 0.00 | 24.57 0.47 0.00 | 24.03 0.40 0.00 | 22.04 0.38 0.00 | 20.41 0.34 0.00 | 14.56 0.30 0.00 | 22.85 0.64 0.00 | 33.13 0.92 0.00 | 26.14 0.73 -0.07 | 34.95 1.11 0.00 | 37.22 1.21 -0.11 | 52.71 1.68 0.00 | 42.78 1.31 0.00 | 37.11 1.13 0.00 | 37.48 1.08 0.00 | 50.39 1.32 0.00 | 58.73 1.61 0.00 | 70.68 1.71 0.00 | 77.14 1.79 0.00 | 56.29 1.49 0.00 | 46.06 1.19 0.00 | 37.22 1.04 0.00 | 33.54 0.90 0.00 | 34.11 0.86 0.00 |
| MALONE___115KV_TB1 356076 | 26.64 0.13 0.00 | 23.98 -0.12 0.00 | 23.51 -0.11 0.00 | 21.61 -0.06 0.00 | 19.92 -0.15 0.00 | 14.04 -0.22 0.00 | 22.03 -0.18 0.00 | 32.48 0.27 0.00 | 25.68 0.35 0.00 | 34.33 0.49 0.00 | 36.22 0.31 0.00 | 51.41 0.38 0.00 | 41.58 0.11 0.00 | 35.89 -0.09 0.00 | 36.19 -0.21 0.00 | 48.84 -0.23 0.00 | 57.06 -0.06 0.00 | 69.30 0.33 0.00 | 76.55 1.19 0.00 | 55.64 0.84 0.00 | 45.77 0.89 0.00 | 36.95 0.77 0.00 | 33.03 0.39 0.00 | 33.51 0.27 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.65 1.03 0.00 | 22.60 0.94 0.00 | 20.93 0.86 0.00 | 26.63 0.65 -11.71 | 53.11 0.94 -29.96 | 38.75 1.28 -5.26 | 29.16 0.94 -2.88 | 35.11 1.19 -0.08 | 37.22 1.32 0.00 | 53.01 1.98 0.00 | 43.22 1.76 0.00 | 37.59 1.63 0.02 | 38.16 1.76 0.00 | 51.49 2.42 0.00 | 70.63 2.87 -10.64 | 79.31 3.29 -7.05 | 77.75 3.35 0.96 | 57.22 2.42 0.00 | 46.80 1.93 0.00 | 37.39 1.43 0.22 | 33.24 1.19 0.59 | 34.00 1.14 0.39 |
| MAPLE RIDGE_WT_1 323574 | 25.29 -1.22 0.00 | 23.20 -0.90 0.00 | 22.76 -0.86 0.00 | 21.08 -0.58 0.00 | 19.44 -0.64 0.00 | 13.80 -0.46 0.00 | 21.62 -0.58 0.00 | 31.85 -0.37 0.00 | 25.03 -0.30 0.00 | 33.49 -0.35 0.00 | 35.66 -0.24 0.00 | 50.72 -0.32 0.00 | 41.11 -0.36 0.00 | 35.46 -0.53 0.00 | 35.76 -0.64 0.00 | 48.06 -1.01 0.00 | 55.58 -1.54 0.00 | 66.64 -2.34 0.00 | 73.20 -2.15 0.00 | 53.34 -1.46 0.00 | 43.93 -0.94 0.00 | 35.76 -0.42 0.00 | 32.35 -0.29 0.00 | 33.04 -0.20 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MAPLE_RIDGE_WT_2 323611 | 25.29 -1.22 0.00 | 23.20 -0.90 0.00 | 22.76 -0.86 0.00 | 21.08 -0.58 0.00 | 19.44 -0.64 0.00 | 13.80 -0.46 0.00 | 21.62 -0.58 0.00 | 31.85 -0.37 0.00 | 25.03 -0.30 0.00 | 33.49 -0.35 0.00 | 35.66 -0.24 0.00 | 50.72 -0.32 0.00 | 41.11 -0.36 0.00 | 35.46 -0.53 0.00 | 35.76 -0.64 0.00 | 48.06 -1.01 0.00 | 55.58 -1.54 0.00 | 66.64 -2.34 0.00 | 73.20 -2.15 0.00 | 53.34 -1.46 0.00 | 43.93 -0.94 0.00 | 35.76 -0.42 0.00 | 32.35 -0.29 0.00 | 33.04 -0.20 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 26.65 0.14 0.00 | 23.97 -0.13 0.00 | 23.43 -0.19 0.00 | 21.52 -0.15 0.00 | 19.82 -0.26 0.00 | 13.96 -0.31 0.00 | 21.91 -0.30 0.00 | 32.38 0.16 0.00 | 25.72 0.38 0.00 | 34.26 0.42 0.00 | 36.11 0.20 0.00 | 51.19 0.16 0.00 | 41.41 -0.05 0.00 | 35.76 -0.23 0.00 | 36.03 -0.37 0.00 | 48.79 -0.29 0.00 | 56.97 -0.15 0.00 | 69.23 0.25 0.00 | 76.47 1.12 0.00 | 55.57 0.77 0.00 | 45.75 0.87 0.00 | 36.95 0.77 0.00 | 32.99 0.35 0.00 | 33.49 0.25 0.00 |
| MARSHVLE_115KV_TB1 80742 | 28.52 2.01 0.00 | 25.83 1.73 0.00 | 25.35 1.73 0.00 | 23.34 1.68 0.00 | 21.57 1.50 0.00 | 23.55 1.15 -8.13 | 44.86 1.85 -20.80 | 38.71 2.84 -3.65 | 29.88 2.62 -1.93 | 37.97 4.08 -0.05 | 39.90 3.88 -0.12 | 56.34 5.30 0.00 | 44.69 3.22 0.00 | 38.60 2.63 0.02 | 38.76 2.37 0.00 | 52.33 3.25 0.00 | 69.04 4.44 -7.48 | 79.18 5.10 -5.10 | 80.61 5.87 0.61 | 59.21 4.41 0.00 | 48.66 3.79 0.00 | 39.25 3.21 0.14 | 35.14 2.87 0.37 | 35.96 2.97 0.25 |
| MARSH_HILL_WT_PWR 323713 | 25.51 -1.00 0.00 | 23.35 -0.74 0.00 | 23.26 -0.36 0.00 | 21.29 -0.38 0.00 | 19.59 -0.48 0.00 | 13.89 -0.38 0.00 | 22.16 -0.05 0.00 | 32.00 -0.21 0.00 | 25.73 0.23 -0.16 | 34.56 0.72 0.00 | 36.87 0.72 -0.24 | 51.62 0.59 0.00 | 41.12 -0.35 0.00 | 35.25 -0.73 0.00 | 34.76 -1.66 -0.02 | 72.22 -2.16 -25.31 | 84.26 -1.90 -29.03 | 66.71 -2.27 0.00 | 73.15 -2.21 0.00 | 53.63 -1.17 0.00 | 44.20 -0.67 0.00 | 36.26 0.08 0.00 | 32.81 0.17 0.00 | 33.52 0.28 0.00 |
| MCINTYRE_115KV_TB2 80467 | 26.52 0.02 0.00 | 24.04 -0.06 0.00 | 23.67 0.05 0.00 | 21.74 0.08 0.00 | 20.11 0.04 0.00 | 14.28 0.01 0.00 | 22.26 0.06 0.00 | 32.46 0.25 0.00 | 25.48 0.14 0.00 | 34.14 0.30 0.00 | 36.12 0.21 0.00 | 51.32 0.29 0.00 | 41.65 0.18 0.00 | 36.05 0.07 0.00 | 36.36 -0.03 0.00 | 48.71 -0.37 0.00 | 56.70 -0.42 0.00 | 69.04 0.07 0.00 | 75.95 0.59 0.00 | 55.16 0.36 0.00 | 45.30 0.43 0.00 | 36.54 0.35 0.00 | 32.78 0.14 0.00 | 33.35 0.10 0.00 |
| MECO____69_KV_BK1 80468 | 29.14 2.64 0.00 | 26.40 2.30 0.00 | 25.85 2.23 0.00 | 23.76 2.10 0.00 | 21.99 1.92 0.00 | 24.72 1.44 -9.01 | 47.66 2.40 -23.05 | 39.66 3.40 -4.04 | 30.17 2.71 -2.13 | 38.12 4.23 -0.05 | 40.31 4.30 -0.11 | 57.35 6.31 0.00 | 45.96 4.49 0.00 | 39.33 3.37 0.02 | 39.34 2.94 0.00 | 53.62 4.54 0.00 | 71.24 5.83 -8.29 | 81.52 6.87 -5.67 | 83.68 9.00 0.67 | 61.31 6.51 0.00 | 50.31 5.44 0.00 | 40.37 4.34 0.16 | 36.06 3.83 0.41 | 36.79 3.82 0.27 |
| MENANDS__115KV_TB5 355628 | 27.45 0.94 0.00 | 24.99 0.90 0.00 | 24.43 0.81 0.00 | 22.40 0.74 0.00 | 20.75 0.68 0.00 | 26.64 0.52 -11.86 | 53.27 0.72 -30.34 | 38.47 0.93 -5.32 | 28.90 0.64 -2.92 | 34.73 0.80 -0.08 | 36.83 0.92 0.00 | 52.42 1.38 0.00 | 42.75 1.28 0.00 | 37.15 1.19 0.03 | 37.76 1.36 0.00 | 50.95 1.88 0.00 | 70.04 2.17 -10.75 | 78.49 2.42 -7.09 | 76.77 2.40 0.99 | 56.54 1.74 0.00 | 46.23 1.36 0.00 | 36.93 0.97 0.23 | 32.84 0.80 0.60 | 33.61 0.76 0.40 |
| MG INDUSTRY___DRP 24185 | 27.45 0.95 0.00 | 24.99 0.90 0.00 | 24.43 0.81 0.00 | 22.40 0.74 0.00 | 20.75 0.68 0.00 | 25.24 0.52 -10.45 | 49.69 0.74 -26.74 | 37.88 0.97 -4.69 | 28.60 0.69 -2.57 | 34.80 0.88 -0.07 | 36.90 0.99 0.00 | 52.44 1.41 0.00 | 42.73 1.26 0.00 | 37.18 1.21 0.02 | 37.72 1.33 0.00 | 50.85 1.78 0.00 | 69.84 2.11 -10.62 | 79.19 2.37 -7.85 | 77.15 2.39 0.60 | 56.56 1.77 0.00 | 46.30 1.43 0.00 | 37.11 1.07 0.14 | 33.18 0.91 0.37 | 33.87 0.87 0.24 |
| MID___OSWEGATCHIE_HYD 23849 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.49 0.00 | 55.39 -1.73 0.00 | 67.54 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.40 0.00 | 44.58 -0.29 0.00 | 36.13 -0.06 0.00 | 32.49 -0.15 0.00 | 33.05 -0.20 0.00 |
| MID___RAQUETTE_HYD 23851 | 25.71 -0.80 0.00 | 23.28 -0.82 0.00 | 22.90 -0.72 0.00 | 21.08 -0.59 0.00 | 19.47 -0.60 0.00 | 13.83 -0.44 0.00 | 21.61 -0.59 0.00 | 31.56 -0.65 0.00 | 24.87 -0.53 -0.06 | 33.23 -0.61 0.00 | 35.20 -0.80 -0.09 | 49.86 -1.17 0.00 | 40.41 -1.06 0.00 | 34.93 -1.06 0.00 | 35.20 -1.20 0.00 | 47.31 -1.76 0.00 | 55.08 -2.04 0.00 | 66.99 -1.98 0.00 | 73.83 -1.53 0.00 | 53.64 -1.16 0.00 | 44.07 -0.80 0.00 | 35.55 -0.64 0.00 | 31.90 -0.74 0.00 | 32.47 -0.77 0.00 |
| MILLIKEN___1 23584 | 26.98 0.47 0.00 | 24.51 0.41 0.00 | 23.96 0.34 0.00 | 21.95 0.28 0.00 | 20.36 0.30 0.00 | 14.52 0.25 0.00 | 22.73 0.52 0.00 | 32.95 0.73 0.00 | 26.46 0.74 -0.39 | 34.92 1.08 0.00 | 37.60 1.12 -0.58 | 52.38 1.34 0.00 | 42.38 0.91 0.00 | 36.78 0.80 0.00 | 37.08 0.68 0.00 | 51.73 0.80 -1.85 | 60.52 1.25 -2.15 | 70.28 1.31 0.00 | 76.76 1.40 0.00 | 56.03 1.23 0.00 | 45.85 0.98 0.00 | 37.00 0.82 0.00 | 33.42 0.78 0.00 | 33.99 0.75 0.00 |
| MILLIKEN___2 23585 | 26.98 0.47 0.00 | 24.51 0.41 0.00 | 23.96 0.34 0.00 | 21.95 0.28 0.00 | 20.36 0.30 0.00 | 14.52 0.25 0.00 | 22.73 0.52 0.00 | 32.95 0.73 0.00 | 26.46 0.74 -0.39 | 34.92 1.08 0.00 | 37.60 1.12 -0.58 | 52.38 1.34 0.00 | 42.38 0.91 0.00 | 36.78 0.80 0.00 | 37.08 0.68 0.00 | 51.73 0.80 -1.85 | 60.52 1.25 -2.15 | 70.28 1.31 0.00 | 76.76 1.40 0.00 | 56.03 1.23 0.00 | 45.85 0.98 0.00 | 37.00 0.82 0.00 | 33.42 0.78 0.00 | 33.99 0.75 0.00 |
| MILLIKEN___DIESEL 23629 | 26.98 0.47 0.00 | 24.51 0.41 0.00 | 23.96 0.34 0.00 | 21.95 0.28 0.00 | 20.36 0.30 0.00 | 14.52 0.25 0.00 | 22.73 0.52 0.00 | 32.95 0.73 0.00 | 26.46 0.74 -0.39 | 34.92 1.08 0.00 | 37.60 1.12 -0.58 | 52.38 1.34 0.00 | 42.38 0.91 0.00 | 36.78 0.80 0.00 | 37.08 0.68 0.00 | 51.73 0.80 -1.85 | 60.52 1.25 -2.15 | 70.28 1.31 0.00 | 76.76 1.40 0.00 | 56.03 1.23 0.00 | 45.85 0.98 0.00 | 37.00 0.82 0.00 | 33.42 0.78 0.00 | 33.99 0.75 0.00 |
| MILLSEAT___LFGE 323607 | 26.60 0.09 0.00 | 24.35 0.25 0.00 | 23.85 0.23 0.00 | 21.85 0.19 0.00 | 20.22 0.15 0.00 | 14.21 -0.06 0.00 | 22.53 0.32 0.00 | 32.37 0.16 0.00 | 25.64 0.31 0.00 | 34.62 0.78 0.00 | 36.36 0.46 0.00 | 51.29 0.25 0.00 | 41.18 -0.29 0.00 | 35.70 -0.29 0.00 | 35.36 -1.03 0.00 | 43.35 -1.19 4.53 | 50.90 -1.04 5.18 | 67.34 -1.64 0.00 | 73.90 -1.46 0.00 | 53.93 -0.87 0.00 | 44.13 -0.74 0.00 | 36.11 -0.07 0.00 | 33.09 0.45 0.00 | 33.89 0.64 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 28.21 1.70 0.00 | 25.57 1.48 0.00 | 24.92 1.30 0.00 | 22.86 1.20 0.00 | 21.20 1.13 0.00 | 57.68 0.87 -42.55 | 132.37 1.27 -108.90 | 53.15 1.83 -19.11 | 37.31 1.39 -10.57 | 35.91 1.78 -0.29 | 38.01 2.02 -0.08 | 54.15 3.12 0.00 | 44.24 2.78 0.00 | 38.60 2.60 -0.02 | 39.25 2.85 0.00 | 53.18 4.11 0.00 | 88.47 4.83 -26.52 | 99.64 5.79 -24.88 | 81.96 5.78 -0.82 | 58.90 4.10 0.00 | 47.92 3.05 0.00 | 38.65 2.28 -0.19 | 35.19 2.05 -0.50 | 35.62 2.04 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| MILLWOOD_13_KV_LOAD 356217 | 28.30 1.79 0.00 | 25.65 1.55 0.00 | 24.99 1.37 0.00 | 22.93 1.26 0.00 | 21.26 1.19 0.00 | 57.73 0.91 -42.55 | 132.44 1.34 -108.90 | 53.27 1.94 -19.11 | 37.40 1.49 -10.57 | 36.05 1.92 -0.29 | 38.15 2.16 -0.08 | 54.36 3.32 0.00 | 44.42 2.95 0.00 | 38.77 2.76 -0.02 | 39.42 3.03 0.00 | 53.43 4.36 0.00 | 88.77 5.12 -26.52 | 100.00 6.15 -24.88 | 82.34 6.16 -0.82 | 59.17 4.37 0.00 | 48.14 3.27 0.00 | 38.82 2.45 -0.19 | 35.33 2.19 -0.50 | 35.76 2.18 -0.33 |
| MODEL_CITY_ENERGY 24167 | 25.78 -0.73 0.00 | 23.65 -0.44 0.00 | 23.21 -0.41 0.00 | 21.28 -0.39 0.00 | 19.67 -0.40 0.00 | 13.79 -0.48 0.00 | 21.86 -0.35 0.00 | 31.33 -0.89 0.00 | 24.77 -0.56 0.00 | 33.49 -0.35 0.00 | 35.12 -0.79 0.00 | 49.44 -1.60 0.00 | 39.70 -1.76 0.00 | 34.38 -1.61 0.00 | 33.95 -2.44 0.01 | 40.39 -2.93 5.75 | 47.51 -3.02 6.59 | 64.86 -4.12 0.00 | 71.02 -4.34 0.00 | 51.76 -3.04 0.00 | 42.38 -2.49 0.00 | 34.77 -1.41 0.00 | 32.02 -0.61 0.00 | 32.91 -0.34 0.00 |
| MODERN_LFGE_ 323580 | 25.78 -0.73 0.00 | 23.65 -0.44 0.00 | 23.21 -0.41 0.00 | 21.28 -0.39 0.00 | 19.67 -0.40 0.00 | 13.79 -0.48 0.00 | 21.86 -0.35 0.00 | 31.33 -0.89 0.00 | 24.77 -0.56 0.00 | 33.49 -0.35 0.00 | 35.12 -0.79 0.00 | 49.44 -1.60 0.00 | 39.70 -1.76 0.00 | 34.38 -1.61 0.00 | 33.95 -2.44 0.01 | 40.39 -2.93 5.75 | 47.51 -3.02 6.59 | 64.86 -4.12 0.00 | 71.02 -4.34 0.00 | 51.76 -3.04 0.00 | 42.38 -2.49 0.00 | 34.77 -1.41 0.00 | 32.02 -0.61 0.00 | 32.91 -0.34 0.00 |
| MOHAWK_PAPER___DRP 24187 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.65 1.03 0.00 | 22.60 0.94 0.00 | 20.93 0.86 0.00 | 26.63 0.65 -11.71 | 53.11 0.94 -29.96 | 38.75 1.28 -5.26 | 29.16 0.94 -2.88 | 35.11 1.19 -0.08 | 37.22 1.32 0.00 | 53.01 1.98 0.00 | 43.22 1.76 0.00 | 37.59 1.63 0.02 | 38.16 1.76 0.00 | 51.49 2.42 0.00 | 70.63 2.87 -10.64 | 79.31 3.29 -7.05 | 77.75 3.35 0.96 | 57.22 2.42 0.00 | 46.80 1.93 0.00 | 37.39 1.43 0.22 | 33.24 1.19 0.59 | 34.00 1.14 0.39 |
| MOHICAN___35_KV_115KV_LD 80490 | 28.26 1.76 0.00 | 25.65 1.55 0.00 | 25.05 1.43 0.00 | 22.90 1.24 0.00 | 21.22 1.14 0.00 | 26.43 0.85 -11.32 | 52.43 1.27 -28.96 | 39.11 1.82 -5.08 | 29.46 1.34 -2.79 | 35.57 1.65 -0.08 | 37.69 1.79 0.00 | 53.66 2.62 0.00 | 43.72 2.25 0.00 | 37.98 2.02 0.03 | 38.63 2.24 0.00 | 52.30 3.23 0.00 | 70.97 3.60 -10.26 | 79.79 4.18 -6.63 | 78.93 4.57 1.00 | 58.16 3.36 0.00 | 47.68 2.81 0.00 | 38.16 2.21 0.23 | 33.83 1.80 0.61 | 34.58 1.74 0.40 |
| MONGAUP___HYD 23641 | 28.03 1.52 0.00 | 25.25 1.16 0.00 | 24.61 0.99 0.00 | 22.56 0.90 0.00 | 20.91 0.84 0.00 | -16.43 0.64 31.33 | -57.01 0.95 80.17 | 19.54 1.40 14.07 | 18.75 1.08 7.66 | 34.90 1.28 0.21 | 37.44 1.45 -0.09 | 53.27 2.24 0.00 | 43.62 2.16 0.00 | 37.97 1.97 -0.02 | 38.45 2.05 0.00 | 51.57 2.50 0.00 | -23.21 2.82 83.15 | 2.02 3.73 70.68 | 79.90 3.89 -0.65 | 57.72 2.92 0.00 | 47.41 2.54 0.00 | 38.21 1.88 -0.15 | 34.82 1.78 -0.40 | 35.18 1.68 -0.26 |
| MONTAUK___DIESEL 23721 | 31.18 3.89 -0.78 | 28.37 3.57 -0.71 | 26.92 3.30 0.00 | 24.67 3.00 0.00 | 22.81 2.74 0.00 | 57.10 1.99 -40.84 | 143.10 2.56 -118.33 | 173.11 2.78 -138.12 | 45.59 4.03 -16.22 | 47.68 4.97 -8.86 | 43.55 4.75 -2.89 | 65.17 7.21 -6.92 | 324.80 5.12 -278.22 | 253.38 4.95 -212.44 | 155.83 6.07 -113.37 | 236.87 9.04 -178.75 | 93.69 10.41 -26.16 | 173.94 12.54 -92.42 | 206.33 13.27 -117.70 | 82.74 9.46 -18.48 | 235.54 7.36 -183.31 | 44.65 5.55 -2.92 | 38.01 4.86 -0.51 | 38.40 4.82 -0.33 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 26.18 -0.33 0.00 | 23.90 -0.20 0.00 | 23.51 -0.11 0.00 | 21.78 0.12 0.00 | 20.11 0.04 0.00 | 14.18 -0.08 0.00 | 22.78 0.57 0.00 | 33.06 0.85 0.00 | 26.40 1.00 -0.07 | 35.50 1.66 0.00 | 37.55 1.54 -0.10 | 52.96 1.93 0.00 | 42.29 0.83 0.00 | 36.44 0.46 0.00 | 36.12 -0.27 0.01 | 43.01 0.04 6.11 | 50.65 0.52 6.99 | 69.33 0.36 0.00 | 75.26 -0.10 0.00 | 55.07 0.27 0.00 | 45.25 0.38 0.00 | 37.12 0.94 0.00 | 33.91 1.27 0.00 | 34.52 1.28 0.00 |
| MORTIMER_115KV_TB3 55949 | 26.53 0.02 0.00 | 24.21 0.12 0.00 | 23.71 0.09 0.00 | 21.70 0.03 0.00 | 20.09 0.02 0.00 | 14.17 -0.09 0.00 | 22.36 0.15 0.00 | 32.26 0.04 0.00 | 25.50 0.16 0.00 | 34.29 0.45 0.00 | 36.18 0.27 0.00 | 51.20 0.16 0.00 | 41.33 -0.14 0.00 | 35.79 -0.20 0.00 | 35.70 -0.70 0.00 | 48.24 -0.83 0.00 | 56.34 -0.79 0.00 | 68.10 -0.87 0.00 | 74.60 -0.75 0.00 | 54.26 -0.54 0.00 | 44.35 -0.52 0.00 | 36.09 -0.10 0.00 | 32.86 0.22 0.00 | 33.57 0.32 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 28.42 1.91 0.00 | 25.77 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.36 0.00 | 21.35 1.29 0.00 | 56.23 0.99 -40.97 | 128.50 1.45 -104.85 | 52.72 2.11 -18.40 | 37.12 1.61 -10.18 | 36.16 2.04 -0.28 | 38.28 2.30 -0.08 | 54.54 3.51 0.00 | 44.58 3.11 0.00 | 38.93 2.92 -0.02 | 39.57 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.29 -25.07 | 98.97 6.36 -23.64 | 82.55 6.37 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.91 2.54 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| MUNSVILLE_WIND_PWR 323609 | 28.20 1.70 0.00 | 25.62 1.52 0.00 | 24.93 1.31 0.00 | 22.69 1.03 0.00 | 21.09 1.02 0.00 | 15.24 0.97 0.00 | 23.99 1.78 0.00 | 34.88 2.66 0.00 | 27.95 2.31 -0.30 | 36.98 3.13 0.00 | 39.62 3.27 -0.45 | 55.60 4.57 0.00 | 44.91 3.45 0.00 | 39.03 3.05 0.00 | 39.51 3.11 0.00 | 54.20 3.86 -1.27 | 63.99 5.41 -1.46 | 74.23 5.26 0.00 | 80.54 5.18 0.00 | 59.24 4.44 0.00 | 48.57 3.70 0.00 | 39.06 2.87 0.00 | 35.24 2.60 0.00 | 35.67 2.42 0.00 |
| N SALMON___HYD 24042 | 26.64 0.13 0.00 | 23.98 -0.12 0.00 | 23.51 -0.11 0.00 | 21.61 -0.06 0.00 | 19.92 -0.15 0.00 | 14.04 -0.22 0.00 | 22.04 -0.17 0.00 | 32.48 0.27 0.00 | 25.68 0.35 0.00 | 34.33 0.49 0.00 | 36.22 0.31 0.00 | 51.42 0.38 0.00 | 41.58 0.11 0.00 | 35.89 -0.09 0.00 | 36.19 -0.21 0.00 | 48.84 -0.23 0.00 | 57.06 -0.06 0.00 | 69.31 0.33 0.00 | 76.55 1.19 0.00 | 55.63 0.84 0.00 | 45.77 0.89 0.00 | 36.95 0.77 0.00 | 33.03 0.39 0.00 | 33.51 0.27 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 26.49 -0.02 0.00 | 24.25 0.16 0.00 | 23.78 0.16 0.00 | 21.78 0.12 0.00 | 20.15 0.07 0.00 | 14.15 -0.11 0.00 | 22.45 0.24 0.00 | 32.23 0.02 0.00 | 25.52 0.18 0.00 | 34.49 0.65 0.00 | 36.22 0.32 0.00 | 51.07 0.03 0.00 | 41.01 -0.45 0.00 | 35.53 -0.46 0.00 | 35.16 -1.23 0.00 | 42.65 -1.53 4.89 | 50.15 -1.38 5.60 | 66.96 -2.02 0.00 | 73.45 -1.91 0.00 | 53.58 -1.22 0.00 | 43.84 -1.03 0.00 | 35.90 -0.28 0.00 | 32.94 0.30 0.00 | 33.76 0.51 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 29.71 2.42 -0.78 | 26.94 2.13 -0.71 | 25.51 1.89 0.00 | 23.36 1.70 0.00 | 21.65 1.58 0.00 | 56.27 1.16 -40.84 | 142.20 1.66 -118.33 | 172.86 2.53 -138.12 | 43.65 2.09 -16.22 | 45.41 2.70 -8.86 | 41.61 2.81 -2.89 | 62.23 4.27 -6.92 | 323.37 3.69 -278.22 | 251.74 3.31 -212.44 | 153.52 3.76 -113.36 | 214.55 5.30 -160.18 | 89.39 6.11 -26.16 | 105.09 7.48 -28.63 | 88.05 7.57 -5.13 | 77.75 5.34 -17.61 | 232.39 4.20 -183.31 | 42.30 3.21 -2.91 | 36.04 2.90 -0.51 | 36.43 2.85 -0.33 |
| N.E._GEN_SANDY PD 24062 | 27.87 1.24 -0.12 | 25.25 1.15 0.00 | 24.67 1.04 0.00 | 22.64 0.97 0.00 | 20.98 0.91 0.00 | 35.52 0.68 -20.57 | 75.31 0.94 -52.16 | 9.86 1.26 23.61 | 31.18 0.88 -4.96 | 35.09 1.11 -0.14 | 37.18 1.27 0.00 | 52.96 1.92 0.00 | 43.17 1.70 0.00 | 35.27 1.52 2.23 | 38.17 1.77 0.00 | 51.58 2.51 0.00 | 64.85 2.85 -4.88 | 69.86 3.13 2.24 | 71.77 3.17 6.76 | 57.12 2.32 0.00 | 46.65 1.78 0.00 | 35.92 1.30 1.56 | 29.62 1.11 4.14 | 31.64 1.12 2.72 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|--------------------------|--------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|
| N. HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 28.13 1.62 0.00 | 25.50 1.40 0.00 | 24.84 1.22 0.00 | 22.79 1.13 0.00 | 21.13 1.06 0.00 | -28.74 0.81 43.82 | -88.75 1.19 112.15 | 14.27 1.74 19.68 | 15.91 1.32 10.74 | 35.22 1.68 0.30 | 37.95 1.96 -0.08 | 54.12 3.09 0.00 | 44.24 2.78 0.00 | 38.60 2.60 -0.02 | 39.26 2.86 0.00 | 53.22 4.14 0.00 | 99.10 4.91 -37.06 | 108.81 5.96 -33.87 | 82.01 5.90 -0.75 | 58.98 4.18 0.00 | 47.93 3.06 0.00 | 38.64 2.28 -0.17 | 35.15 2.05 -0.46 | 35.55 2.01 -0.30 |
| N. QUEENS_27_KV_LOAD 356247 | 28.47 1.96 0.00 | 25.83 1.73 0.00 | 25.15 1.53 0.00 | 23.09 1.43 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.61 1.55 -104.85 | 52.86 2.24 -18.40 | 37.13 1.63 -10.18 | 36.23 2.10 -0.28 | 38.33 2.35 -0.08 | 54.61 3.58 0.00 | 44.77 3.30 0.00 | 39.04 3.03 -0.02 | 39.65 3.26 0.00 | 53.73 4.66 0.00 | 87.67 5.48 -25.07 | 99.27 6.66 -23.64 | 82.65 6.47 -0.83 | 59.43 4.63 0.00 | 48.33 3.46 0.00 | 38.97 2.59 -0.19 | 35.52 2.38 -0.51 | 35.98 2.40 -0.33 |
| N. TROY___115KV_TB1 355778 | 27.73 1.21 0.00 | 25.23 1.14 0.00 | 24.66 1.04 0.00 | 22.62 0.95 0.00 | 20.95 0.88 0.00 | 27.00 0.66 -12.07 | 54.04 0.94 -30.90 | 38.88 1.24 -5.42 | 29.19 0.88 -2.97 | 35.03 1.10 -0.08 | 37.15 1.24 0.00 | 52.83 1.80 0.00 | 43.04 1.57 0.00 | 37.36 1.41 0.03 | 38.00 1.61 0.00 | 51.27 2.20 0.00 | 70.35 2.48 -10.76 | 78.18 2.75 -6.46 | 76.96 2.87 1.27 | 56.93 2.13 0.00 | 46.58 1.71 0.00 | 37.17 1.28 0.29 | 32.93 1.07 0.78 | 33.78 1.05 0.51 |
| NARROWS_GT1_1 24228 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_2 24229 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_3 24230 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_4 24231 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_5 24232 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_6 24233 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_7 24234 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT1_8 24235 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_1 24236 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_2 24237 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_3 24238 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_4 24239 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| NARROWS_GT2_5 24240 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_6 24241 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_7 24242 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NARROWS_GT2_8 24243 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.62 1.56 -104.85 | 52.88 2.26 -18.40 | 37.21 1.70 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.78 3.74 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.75 3.36 0.00 | 53.84 4.77 0.00 | 116.15 5.44 -53.58 | 123.31 6.59 -47.75 | 82.81 6.61 -0.84 | 59.49 4.69 -0.01 | 48.41 3.54 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 28.00 1.49 0.00 | 25.46 1.37 0.00 | 24.88 1.26 0.00 | 22.80 1.13 0.00 | 21.11 1.04 0.00 | 23.14 0.79 -8.08 | 44.08 1.18 -20.69 | 37.50 1.65 -3.63 | 28.50 1.18 -1.99 | 35.46 1.56 -0.06 | 37.54 1.63 0.00 | 53.24 2.20 0.00 | 43.42 1.95 0.00 | 37.95 1.98 0.01 | 38.41 2.02 0.00 | 51.71 2.64 0.00 | 71.13 3.38 -10.63 | 81.42 4.21 -8.24 | 79.40 4.48 0.43 | 58.03 3.23 0.00 | 47.52 2.66 0.00 | 38.14 2.06 0.10 | 34.10 1.73 0.27 | 34.66 1.59 0.17 |
| NCHELSEA_115KV_TR2 355582 | 28.36 1.85 0.00 | 25.71 1.62 0.00 | 25.06 1.44 0.00 | 22.99 1.33 0.00 | 21.31 1.24 0.00 | 24.16 0.94 -8.95 | 46.51 1.39 -22.91 | 38.25 2.02 -4.02 | 29.15 1.57 -2.25 | 35.91 2.00 -0.06 | 38.26 2.27 -0.08 | 54.52 3.49 0.00 | 44.56 3.09 0.00 | 38.87 2.88 -0.02 | 39.51 3.12 0.00 | 53.52 4.45 0.00 | 76.80 5.29 -14.39 | 89.21 6.34 -13.89 | 82.43 6.46 -0.62 | 59.40 4.60 0.00 | 48.32 3.45 0.00 | 38.91 2.58 -0.14 | 35.31 2.29 -0.38 | 35.72 2.23 -0.25 |
| NEG CAPITAL___MECHNVIL 23645 | 28.13 1.62 0.00 | 25.57 1.47 0.00 | 24.97 1.35 0.00 | 22.89 1.23 0.00 | 21.20 1.13 0.00 | 26.70 0.84 -11.59 | 53.13 1.25 -29.67 | 39.18 1.75 -5.21 | 29.50 1.31 -2.86 | 35.61 1.68 -0.08 | 37.74 1.83 0.00 | 53.74 2.70 0.00 | 43.82 2.35 0.00 | 38.06 2.11 0.03 | 38.67 2.28 0.00 | 52.19 3.12 0.00 | 71.17 3.62 -10.43 | 79.71 4.20 -6.54 | 78.70 4.45 1.11 | 58.06 3.26 0.00 | 47.51 2.64 0.00 | 37.94 2.01 0.26 | 33.65 1.69 0.68 | 34.44 1.64 0.45 |
| NEG CENTRAL_HIGH_ACRES 23767 | 26.09 -0.42 0.00 | 23.77 -0.33 0.00 | 23.26 -0.35 0.00 | 21.29 -0.37 0.00 | 19.72 -0.35 0.00 | 13.96 -0.31 0.00 | 21.99 -0.22 0.00 | 31.79 -0.43 0.00 | 25.25 -0.18 -0.10 | 33.79 -0.05 0.00 | 35.86 -0.20 -0.16 | 50.52 -0.52 0.00 | 40.84 -0.63 0.00 | 35.37 -0.61 0.00 | 35.36 -1.04 0.00 | 47.77 -1.30 0.00 | 55.75 -1.37 0.00 | 67.40 -1.58 0.00 | 73.76 -1.60 0.00 | 53.64 -1.16 0.00 | 43.83 -1.05 0.00 | 35.55 -0.63 0.00 | 32.29 -0.35 0.00 | 32.95 -0.30 0.00 |
| NEG CENTRAL___DRP 24199 | 26.55 0.04 0.00 | 24.15 0.05 0.00 | 23.64 0.02 0.00 | 21.66 0.00 0.00 | 20.09 0.02 0.00 | 14.29 0.02 0.00 | 22.44 0.23 0.00 | 32.46 0.25 0.00 | 26.02 0.41 -0.28 | 34.47 0.62 0.00 | 36.93 0.59 -0.43 | 51.60 0.56 0.00 | 41.72 0.25 0.00 | 36.18 0.20 0.00 | 36.32 -0.07 0.00 | 51.43 -0.08 -2.43 | 59.99 0.05 -2.82 | 68.98 0.01 0.00 | 75.47 0.11 0.00 | 55.02 0.22 0.00 | 44.97 0.10 0.00 | 36.39 0.21 0.00 | 32.90 0.26 0.00 | 33.49 0.25 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.94 0.43 0.00 | 24.58 0.48 0.00 | 24.14 0.52 0.00 | 22.11 0.45 0.00 | 20.45 0.38 0.00 | 14.48 0.22 0.00 | 22.97 0.76 0.00 | 33.14 0.93 0.00 | 26.29 0.87 -0.08 | 35.16 1.32 0.00 | 37.28 1.25 -0.13 | 52.37 1.34 0.00 | 41.83 0.37 0.00 | 36.19 0.21 0.00 | 35.88 -0.55 -0.03 | 74.47 -0.58 -25.98 | 86.61 -0.28 -29.78 | 68.91 -0.06 0.00 | 75.72 0.36 0.00 | 55.60 0.80 0.00 | 45.68 0.81 0.00 | 37.38 1.19 0.00 | 33.91 1.28 0.00 | 34.62 1.37 0.00 |
| NEG CENTRAL___SENECA 23627 | 26.65 0.14 0.00 | 24.22 0.13 0.00 | 23.71 0.09 0.00 | 21.72 0.06 0.00 | 20.13 0.06 0.00 | 14.32 0.06 0.00 | 22.56 0.35 0.00 | 32.58 0.36 0.00 | 26.05 0.55 -0.16 | 34.62 0.77 0.00 | 36.94 0.79 -0.24 | 51.89 0.85 0.00 | 41.86 0.40 0.00 | 36.30 0.32 0.00 | 36.39 -0.02 0.00 | 52.94 0.01 -3.85 | 61.73 0.16 -4.45 | 69.07 0.10 0.00 | 75.68 0.32 0.00 | 55.15 0.35 0.00 | 45.07 0.19 0.00 | 36.55 0.37 0.00 | 33.04 0.39 0.00 | 33.63 0.38 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 26.84 0.33 0.00 | 24.40 0.30 0.00 | 23.93 0.31 0.00 | 21.93 0.27 0.00 | 20.37 0.30 0.00 | 14.51 0.24 0.00 | 22.62 0.42 0.00 | 32.86 0.64 0.00 | 26.41 0.67 -0.40 | 34.86 1.02 0.00 | 37.34 0.83 -0.60 | 51.93 0.90 0.00 | 42.08 0.62 0.00 | 36.56 0.58 0.00 | 36.71 0.32 0.00 | 50.75 0.65 -1.03 | 59.37 1.06 -1.19 | 70.32 1.35 0.00 | 76.58 1.22 0.00 | 55.85 1.05 0.00 | 45.70 0.83 0.00 | 36.78 0.60 0.00 | 33.29 0.65 0.00 | 33.90 0.65 0.00 |
| NEG MILLWOOD___DRP 24198 | 28.48 1.97 0.00 | 25.81 1.71 0.00 | 25.14 1.51 0.00 | 23.06 1.39 0.00 | 21.38 1.31 0.00 | 37.30 1.00 -22.04 | 80.09 1.49 -56.40 | 44.27 2.16 -9.90 | 32.51 1.70 -5.48 | 36.17 2.17 -0.15 | 38.44 2.45 -0.08 | 54.77 3.74 0.00 | 44.78 3.32 0.00 | 39.10 3.10 -0.02 | 39.77 3.37 0.00 | 53.88 4.80 0.00 | 80.84 5.67 -18.05 | 93.00 6.75 -17.28 | 82.95 6.89 -0.71 | 59.71 4.91 0.00 | 48.54 3.67 0.00 | 39.09 2.75 -0.16 | 35.51 2.44 -0.43 | 35.90 2.37 -0.28 |
| NEG NORTH_FLCN_SEA 23793 | 27.03 0.52 0.00 | 24.30 0.20 0.00 | 23.74 0.13 0.00 | 21.79 0.12 0.00 | 20.08 0.01 0.00 | 14.14 -0.13 0.00 | 22.20 -0.01 0.00 | 32.78 0.56 0.00 | 26.03 0.70 0.00 | 34.68 0.84 0.00 | 36.58 0.67 0.00 | 51.83 0.80 0.00 | 41.96 0.49 0.00 | 36.23 0.25 0.00 | 36.53 0.13 0.00 | 49.52 0.45 0.00 | 57.75 0.63 0.00 | 70.11 1.13 0.00 | 77.48 2.12 0.00 | 56.32 1.53 0.00 | 46.36 1.49 0.00 | 37.50 1.32 0.00 | 33.48 0.84 0.00 | 33.97 0.72 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 26.64 0.13 0.00 | 23.95 -0.14 0.00 | 23.47 -0.15 0.00 | 21.56 -0.10 0.00 | 19.86 -0.21 0.00 | 13.98 -0.29 0.00 | 21.91 -0.29 0.00 | 32.38 0.17 0.00 | 25.67 0.34 0.00 | 34.23 0.38 0.00 | 36.09 0.18 0.00 | 51.17 0.14 0.00 | 41.37 -0.09 0.00 | 35.74 -0.24 0.00 | 36.03 -0.37 0.00 | 48.75 -0.33 0.00 | 56.96 -0.16 0.00 | 69.23 0.26 0.00 | 76.46 1.10 0.00 | 55.53 0.74 0.00 | 45.77 0.89 0.00 | 36.95 0.76 0.00 | 32.98 0.34 0.00 | 33.48 0.23 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG NORTH___ALICE_FALLS 23915 | 27.02 0.52 0.00 | 24.30 0.20 0.00 | 23.74 0.13 0.00 | 21.79 0.13 0.00 | 20.08 0.01 0.00 | 14.15 -0.12 0.00 | 22.21 0.00 0.00 | 32.82 0.61 0.00 | 26.05 0.71 0.00 | 34.70 0.86 0.00 | 36.60 0.70 0.00 | 51.86 0.83 0.00 | 41.94 0.48 0.00 | 36.21 0.23 0.00 | 36.53 0.13 0.00 | 49.49 0.42 0.00 | 57.78 0.65 0.00 | 70.13 1.16 0.00 | 77.51 2.16 0.00 | 56.36 1.56 0.00 | 46.38 1.50 0.00 | 37.50 1.32 0.00 | 33.46 0.82 0.00 | 33.94 0.70 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 27.02 0.52 0.00 | 24.30 0.20 0.00 | 23.74 0.13 0.00 | 21.79 0.13 0.00 | 20.08 0.01 0.00 | 14.15 -0.12 0.00 | 22.21 0.00 0.00 | 32.82 0.61 0.00 | 26.05 0.71 0.00 | 34.70 0.86 0.00 | 36.60 0.70 0.00 | 51.86 0.83 0.00 | 41.94 0.48 0.00 | 36.21 0.23 0.00 | 36.53 0.13 0.00 | 49.49 0.42 0.00 | 57.78 0.65 0.00 | 70.13 1.16 0.00 | 77.51 2.16 0.00 | 56.36 1.56 0.00 | 46.38 1.50 0.00 | 37.50 1.32 0.00 | 33.46 0.82 0.00 | 33.94 0.70 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 27.02 0.52 0.00 | 24.30 0.20 0.00 | 23.75 0.13 0.00 | 21.79 0.13 0.00 | 20.08 0.01 0.00 | 14.14 -0.13 0.00 | 22.22 0.01 0.00 | 32.82 0.61 0.00 | 26.05 0.71 0.00 | 34.70 0.86 0.00 | 36.60 0.69 0.00 | 51.86 0.83 0.00 | 41.94 0.48 0.00 | 36.21 0.23 0.00 | 36.53 0.13 0.00 | 49.49 0.42 0.00 | 57.78 0.66 0.00 | 70.13 1.16 0.00 | 77.51 2.16 0.00 | 56.36 1.56 0.00 | 46.38 1.50 0.00 | 37.50 1.32 0.00 | 33.46 0.82 0.00 | 33.94 0.70 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 26.06 -0.45 0.00 | 23.90 -0.20 0.00 | 23.45 -0.17 0.00 | 21.48 -0.18 0.00 | 19.86 -0.21 0.00 | 13.94 -0.33 0.00 | 22.09 -0.11 0.00 | 31.69 -0.53 0.00 | 25.07 -0.27 0.00 | 33.89 0.05 0.00 | 35.56 -0.35 0.00 | 50.09 -0.95 0.00 | 40.23 -1.24 0.00 | 34.80 -1.18 0.00 | 34.39 -2.00 0.01 | 40.70 -2.49 5.88 | 47.91 -2.48 6.73 | 65.67 -3.31 0.00 | 71.97 -3.39 0.00 | 52.47 -2.33 0.00 | 42.94 -1.93 0.00 | 35.21 -0.97 0.00 | 32.39 -0.25 0.00 | 33.26 0.02 0.00 |
| NEG WEST___LANCASTR 23811 | 26.40 -0.12 0.00 | 24.15 0.05 0.00 | 23.65 0.03 0.00 | 21.65 -0.02 0.00 | 20.04 -0.03 0.00 | 14.11 -0.15 0.00 | 22.39 0.18 0.00 | 32.21 0.00 0.00 | 25.58 0.18 -0.07 | 34.42 0.57 0.00 | 36.30 0.29 -0.11 | 51.14 0.11 0.00 | 41.09 -0.37 0.00 | 35.54 -0.44 0.00 | 35.23 -1.16 0.01 | 42.09 -1.05 5.93 | 49.35 -0.98 6.79 | 67.42 -1.55 0.00 | 73.77 -1.58 0.00 | 53.75 -1.05 0.00 | 43.88 -0.99 0.00 | 35.88 -0.30 0.00 | 32.83 0.19 0.00 | 33.61 0.36 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 26.87 0.36 0.00 | 24.39 0.29 0.00 | 23.83 0.21 0.00 | 21.84 0.17 0.00 | 20.25 0.17 0.00 | 14.43 0.16 0.00 | 22.62 0.41 0.00 | 32.74 0.53 0.00 | 26.25 0.59 -0.32 | 34.68 0.84 0.00 | 37.27 0.89 -0.48 | 52.05 1.02 0.00 | 42.13 0.67 0.00 | 36.59 0.61 0.00 | 36.79 0.40 0.00 | 49.87 0.80 0.00 | 58.09 0.97 0.00 | 69.94 0.97 0.00 | 76.34 0.98 0.00 | 55.56 0.76 0.00 | 45.37 0.50 0.00 | 36.69 0.51 0.00 | 33.16 0.52 0.00 | 33.74 0.50 0.00 |
| NEG___GEN_MONROE 24207 | 26.65 0.14 0.00 | 24.32 0.22 0.00 | 23.88 0.26 0.00 | 21.82 0.16 0.00 | 20.25 0.18 0.00 | 14.29 0.02 0.00 | 22.54 0.33 0.00 | 32.49 0.27 0.00 | 25.66 0.32 0.00 | 34.49 0.64 0.00 | 36.42 0.52 0.00 | 51.51 0.47 0.00 | 41.55 0.09 0.00 | 36.00 0.02 0.00 | 35.87 -0.53 0.00 | 48.29 -0.78 0.00 | 56.42 -0.70 0.00 | 68.08 -0.89 0.00 | 74.67 -0.68 0.00 | 54.40 -0.40 0.00 | 44.49 -0.39 0.00 | 36.27 0.09 0.00 | 33.05 0.41 0.00 | 33.79 0.55 0.00 |
| NEPA___ENERGY 23901 | 26.34 -0.17 0.00 | 24.00 -0.10 0.00 | 23.49 -0.13 0.00 | 21.55 -0.11 0.00 | 19.99 -0.08 0.00 | 14.19 -0.08 0.00 | 22.49 0.28 0.00 | 32.44 0.22 0.00 | 25.85 0.45 -0.07 | 34.61 0.76 0.00 | 36.62 0.61 -0.11 | 51.61 0.58 0.00 | 41.48 0.01 0.00 | 35.93 -0.06 0.00 | 35.68 -0.71 0.01 | 42.06 -0.32 6.70 | 49.36 -0.09 7.67 | 68.56 -0.42 0.00 | 74.70 -0.66 0.00 | 54.46 -0.34 0.00 | 44.40 -0.47 0.00 | 36.23 0.05 0.00 | 33.07 0.43 0.00 | 33.76 0.52 0.00 |
| NEVERSINK___HYD 23608 | 27.98 1.47 0.00 | 25.35 1.25 0.00 | 24.69 1.07 0.00 | 22.63 0.97 0.00 | 20.98 0.91 0.00 | 7.29 0.69 7.67 | 3.60 1.03 19.64 | 30.29 1.52 3.45 | 24.73 1.23 1.83 | 35.18 1.39 0.05 | 36.67 0.68 -0.09 | 52.37 1.34 0.00 | 42.88 1.42 0.00 | 37.36 1.36 -0.01 | 38.00 1.60 0.00 | 51.52 2.45 0.00 | 60.22 3.10 0.00 | 73.85 3.98 -0.90 | 79.69 3.94 -0.40 | 57.64 2.85 0.00 | 46.87 2.00 0.00 | 37.71 1.43 -0.09 | 34.84 1.96 -0.24 | 35.29 1.89 -0.16 |
| NEWKRMKL_115KV_TB1 55635 | 27.32 0.81 0.00 | 24.86 0.76 0.00 | 24.29 0.67 0.00 | 22.28 0.61 0.00 | 20.64 0.57 0.00 | 26.34 0.44 -11.64 | 52.60 0.61 -29.78 | 38.22 0.78 -5.23 | 28.74 0.54 -2.87 | 34.60 0.68 -0.08 | 36.72 0.82 0.00 | 52.26 1.22 0.00 | 42.63 1.16 0.00 | 37.07 1.11 0.02 | 37.65 1.26 0.00 | 50.77 1.70 0.00 | 69.77 1.99 -10.66 | 78.42 2.22 -7.22 | 76.63 2.17 0.90 | 56.36 1.56 0.00 | 46.09 1.22 0.00 | 36.82 0.85 0.21 | 32.78 0.69 0.55 | 33.52 0.64 0.36 |
| NEWTON___FALLS_HYD 23847 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.01 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.49 0.00 | 55.39 -1.73 0.00 | 67.54 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.40 0.00 | 44.58 -0.29 0.00 | 36.13 -0.06 0.00 | 32.49 -0.15 0.00 | 33.05 -0.20 0.00 |
| NGRID_A1_DSASP 323792 | 25.65 -0.86 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.43 0.00 | 19.63 -0.44 0.00 | 13.74 -0.53 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.56 -0.77 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -2.00 0.00 | 33.54 -2.85 0.01 | 39.43 -3.73 5.92 | 46.31 -4.01 6.80 | 64.11 -4.87 0.00 | 70.18 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.70 -0.94 0.00 | 32.69 -0.55 0.00 |
| NGRID_A2_DSASP 323793 | 25.65 -0.86 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.43 0.00 | 19.63 -0.44 0.00 | 13.74 -0.53 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.56 -0.77 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -2.00 0.00 | 33.54 -2.85 0.01 | 39.43 -3.73 5.92 | 46.31 -4.01 6.80 | 64.11 -4.87 0.00 | 70.18 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.70 -0.94 0.00 | 32.69 -0.55 0.00 |
| NGRID_A4_DSASP 323807 | 25.65 -0.85 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.44 0.00 | 19.63 -0.45 0.00 | 13.75 -0.52 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.55 -0.79 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -1.99 0.00 | 33.54 -2.85 0.01 | 39.37 -3.78 5.92 | 46.26 -4.06 6.79 | 64.08 -4.90 0.00 | 70.17 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.69 -0.95 0.00 | 32.69 -0.56 0.00 |
| NIAGARA_115E_LBMP 323715 | 25.62 -0.89 0.00 | 23.52 -0.58 0.00 | 23.07 -0.55 0.00 | 21.16 -0.50 0.00 | 19.56 -0.51 0.00 | 13.71 -0.55 0.00 | 21.72 -0.49 0.00 | 31.12 -1.09 0.00 | 24.61 -0.73 0.00 | 33.27 -0.57 0.00 | 34.87 -1.04 0.00 | 49.07 -1.97 0.00 | 39.40 -2.07 0.00 | 34.12 -1.86 0.00 | 33.69 -2.70 0.01 | 39.94 -3.24 5.90 | 46.99 -3.37 6.75 | 64.37 -4.61 0.00 | 70.46 -4.89 0.00 | 51.36 -3.44 0.00 | 42.05 -2.82 0.00 | 34.52 -1.67 0.00 | 31.82 -0.82 0.00 | 32.71 -0.53 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| NIAGARA_115W_LBMP 323714 | 25.59 -0.92 0.00 | 23.56 -0.54 0.00 | 23.12 -0.50 0.00 | 21.19 -0.48 0.00 | 19.59 -0.48 0.00 | 13.71 -0.56 0.00 | 21.75 -0.46 0.00 | 31.14 -1.08 0.00 | 24.50 -0.83 0.00 | 33.07 -0.78 0.00 | 34.64 -1.26 0.00 | 48.75 -2.29 0.00 | 39.14 -2.32 0.00 | 33.90 -2.08 0.00 | 33.45 -2.94 0.01 | 39.34 -3.85 5.89 | 46.20 -4.16 6.75 | 63.91 -5.06 0.00 | 69.96 -5.40 0.00 | 50.96 -3.84 0.00 | 41.74 -3.13 0.00 | 34.28 -1.90 0.00 | 31.62 -1.02 0.00 | 32.61 -0.63 0.00 |
| NIAGARA_230_LBMP 323716 | 25.82 -0.69 0.00 | 23.70 -0.39 0.00 | 23.26 -0.36 0.00 | 21.31 -0.36 0.00 | 19.69 -0.38 0.00 | 13.81 -0.46 0.00 | 21.88 -0.33 0.00 | 31.36 -0.86 0.00 | 24.79 -0.55 0.00 | 33.46 -0.38 0.00 | 35.10 -0.81 0.00 | 49.49 -1.55 0.00 | 39.74 -1.72 0.00 | 34.37 -1.62 0.00 | 33.97 -2.42 0.00 | 40.40 -3.09 5.58 | 47.40 -3.32 6.40 | 64.91 -4.07 0.00 | 71.09 -4.26 0.00 | 51.79 -3.00 0.00 | 42.39 -2.48 0.00 | 34.75 -1.43 0.00 | 31.98 -0.66 0.00 | 32.89 -0.36 0.00 |
| NIAGARA_115KV_198_GIBSON 55903 | 25.59 -0.92 0.00 | 23.56 -0.54 0.00 | 23.12 -0.50 0.00 | 21.19 -0.48 0.00 | 19.59 -0.48 0.00 | 13.72 -0.55 0.00 | 21.74 -0.47 0.00 | 31.14 -1.08 0.00 | 24.48 -0.85 0.00 | 33.06 -0.78 0.00 | 34.64 -1.27 0.00 | 48.74 -2.29 0.00 | 39.14 -2.32 0.00 | 33.90 -2.09 0.00 | 33.45 -2.94 0.01 | 39.26 -3.92 5.89 | 46.15 -4.22 6.75 | 63.88 -5.10 0.00 | 69.97 -5.39 0.00 | 50.96 -3.84 0.00 | 41.74 -3.13 0.00 | 34.28 -1.90 0.00 | 31.62 -1.02 0.00 | 32.61 -0.63 0.00 |
| NIAGARA____ 23760 | 25.66 -0.85 0.00 | 23.56 -0.53 0.00 | 23.13 -0.49 0.00 | 21.19 -0.47 0.00 | 19.59 -0.48 0.00 | 13.73 -0.53 0.00 | 21.77 -0.43 0.00 | 31.24 -0.97 0.00 | 24.67 -0.66 0.00 | 33.31 -0.53 0.00 | 34.93 -0.98 0.00 | 49.20 -1.84 0.00 | 39.50 -1.96 0.00 | 34.18 -1.80 0.00 | 33.76 -2.63 0.01 | 40.04 -3.33 5.71 | 47.03 -3.56 6.53 | 64.51 -4.47 0.00 | 70.66 -4.70 0.00 | 51.46 -3.34 0.00 | 42.14 -2.73 0.00 | 34.56 -1.62 0.00 | 31.82 -0.82 0.00 | 32.70 -0.54 0.00 |
| NINE_MILE_1 23575 | 25.67 -0.84 0.00 | 23.35 -0.75 0.00 | 22.85 -0.77 0.00 | 20.95 -0.72 0.00 | 19.42 -0.65 0.00 | 13.80 -0.47 0.00 | 21.56 -0.64 0.00 | 31.23 -0.98 0.00 | 22.62 -0.75 1.96 | 32.87 -0.98 0.00 | 31.91 -1.05 2.94 | 49.53 -1.51 0.00 | 40.19 -1.27 0.00 | 34.87 -1.12 0.00 | 35.16 -1.23 0.00 | 47.43 -1.64 0.00 | 55.26 -1.87 0.00 | 66.71 -2.26 0.00 | 72.88 -2.48 0.00 | 53.01 -1.79 0.00 | 43.38 -1.49 0.00 | 35.03 -1.15 0.00 | 31.66 -0.97 0.00 | 32.28 -0.96 0.00 |
| NINE_MILE_2 23744 | 25.67 -0.84 0.00 | 23.35 -0.75 0.00 | 22.85 -0.77 0.00 | 20.95 -0.71 0.00 | 19.42 -0.65 0.00 | 13.80 -0.46 0.00 | 21.56 -0.64 0.00 | 31.23 -0.98 0.00 | 22.59 -0.75 1.99 | 32.87 -0.98 0.00 | 31.87 -1.05 2.99 | 49.53 -1.51 0.00 | 40.19 -1.27 0.00 | 34.87 -1.12 0.00 | 35.16 -1.23 0.00 | 47.43 -1.64 0.00 | 55.26 -1.87 0.00 | 66.71 -2.26 0.00 | 72.88 -2.48 0.00 | 53.01 -1.79 0.00 | 43.38 -1.49 0.00 | 35.03 -1.15 0.00 | 31.66 -0.97 0.00 | 32.28 -0.96 0.00 |
| NM_CAPITAL____DRP 24208 | 27.38 0.87 0.00 | 24.92 0.83 0.00 | 24.36 0.74 0.00 | 22.34 0.68 0.00 | 20.70 0.63 0.00 | 26.64 0.48 -11.89 | 53.30 0.65 -30.44 | 38.40 0.85 -5.34 | 28.84 0.58 -2.93 | 34.64 0.71 -0.08 | 36.74 0.84 0.00 | 52.29 1.26 0.00 | 42.63 1.16 0.00 | 37.06 1.10 0.03 | 37.67 1.27 0.00 | 50.81 1.74 0.00 | 69.93 2.02 -10.79 | 78.34 2.22 -7.14 | 76.56 2.19 0.98 | 56.38 1.58 0.00 | 46.12 1.24 0.00 | 36.84 0.88 0.23 | 32.76 0.72 0.60 | 33.53 0.68 0.40 |
| NM_CENTRAL____DRP 24181 | 26.28 -0.23 0.00 | 23.88 -0.22 0.00 | 23.36 -0.26 0.00 | 21.40 -0.27 0.00 | 19.84 -0.23 0.00 | 14.11 -0.15 0.00 | 22.09 -0.11 0.00 | 31.99 -0.23 0.00 | 25.27 -0.16 -0.10 | 33.66 -0.19 0.00 | 35.89 -0.15 -0.14 | 50.85 -0.18 0.00 | 41.25 -0.22 0.00 | 35.74 -0.24 0.00 | 35.98 -0.41 0.00 | 48.56 -0.51 0.00 | 56.59 -0.53 0.00 | 68.27 -0.70 0.00 | 74.60 -0.76 0.00 | 54.26 -0.54 0.00 | 44.34 -0.53 0.00 | 35.84 -0.34 0.00 | 32.43 -0.21 0.00 | 33.03 -0.21 0.00 |
| NM_FRONTIER____DRP 24179 | 25.59 -0.92 0.00 | 23.56 -0.54 0.00 | 23.12 -0.50 0.00 | 21.19 -0.48 0.00 | 19.59 -0.48 0.00 | 13.72 -0.55 0.00 | 21.74 -0.47 0.00 | 31.14 -1.08 0.00 | 24.48 -0.85 0.00 | 33.06 -0.78 0.00 | 34.64 -1.27 0.00 | 48.74 -2.29 0.00 | 39.14 -2.32 0.00 | 33.90 -2.09 0.00 | 33.45 -2.94 0.01 | 39.26 -3.92 5.89 | 46.15 -4.22 6.75 | 63.88 -5.10 0.00 | 69.97 -5.39 0.00 | 50.96 -3.84 0.00 | 41.74 -3.13 0.00 | 34.28 -1.90 0.00 | 31.62 -1.02 0.00 | 32.61 -0.63 0.00 |
| NM_ST_REGIS____HYD 24053 | 25.97 -0.54 0.00 | 23.48 -0.61 0.00 | 23.08 -0.54 0.00 | 21.23 -0.43 0.00 | 19.61 -0.46 0.00 | 13.90 -0.37 0.00 | 21.75 -0.46 0.00 | 31.83 -0.39 0.00 | 25.11 -0.28 -0.05 | 33.54 -0.30 0.00 | 35.51 -0.47 -0.08 | 50.32 -0.71 0.00 | 40.75 -0.72 0.00 | 35.22 -0.77 0.00 | 35.49 -0.91 0.00 | 47.75 -1.32 0.00 | 55.63 -1.49 0.00 | 67.65 -1.33 0.00 | 74.60 -0.76 0.00 | 54.20 -0.60 0.00 | 44.55 -0.33 0.00 | 35.95 -0.24 0.00 | 32.22 -0.42 0.00 | 32.77 -0.47 0.00 |
| NORTHPORT____1 23551 | 29.58 2.30 -0.78 | 26.92 2.11 -0.71 | 25.53 1.90 0.00 | 23.34 1.68 0.00 | 21.64 1.57 0.00 | 56.29 1.18 -40.84 | 142.07 1.54 -118.33 | 172.33 2.00 -138.12 | 43.39 1.83 -16.22 | 44.98 2.27 -8.86 | 40.93 2.13 -2.89 | 61.36 3.40 -6.92 | 322.69 3.01 -278.22 | 251.02 2.59 -212.44 | 152.96 3.20 -113.36 | 214.28 4.65 -160.56 | 88.55 5.27 -26.16 | 104.68 6.41 -29.29 | 76.83 6.29 4.82 | 76.87 4.52 -17.55 | 231.88 3.69 -183.31 | 41.79 2.69 -2.92 | 35.58 2.43 -0.51 | 35.99 2.41 -0.33 |
| NORTHPORT____2 23552 | 29.58 2.30 -0.78 | 26.92 2.11 -0.71 | 25.53 1.90 0.00 | 23.34 1.68 0.00 | 21.64 1.57 0.00 | 56.29 1.18 -40.84 | 142.07 1.54 -118.33 | 172.33 2.00 -138.12 | 43.39 1.83 -16.22 | 44.98 2.27 -8.86 | 40.93 2.13 -2.89 | 61.36 3.40 -6.92 | 322.69 3.01 -278.22 | 251.02 2.59 -212.44 | 152.96 3.20 -113.36 | 214.28 4.65 -160.56 | 88.55 5.27 -26.16 | 104.68 6.41 -29.29 | 76.83 6.29 4.82 | 76.87 4.52 -17.55 | 231.88 3.69 -183.31 | 41.79 2.69 -2.92 | 35.58 2.43 -0.51 | 35.99 2.41 -0.33 |
| NORTHPORT____3 23553 | 29.61 2.32 -0.78 | 26.92 2.11 -0.71 | 25.52 1.89 0.00 | 23.36 1.69 0.00 | 21.64 1.57 0.00 | 56.28 1.17 -40.84 | 142.15 1.61 -118.33 | 172.55 2.22 -138.12 | 43.54 1.98 -16.22 | 45.22 2.51 -8.86 | 41.26 2.47 -2.89 | 61.78 3.82 -6.92 | 323.07 3.39 -278.22 | 251.34 2.91 -212.44 | 153.25 3.49 -113.36 | 212.63 4.98 -158.58 | 88.91 5.63 -26.16 | 98.83 6.86 -23.00 | 77.68 7.15 4.83 | 77.25 4.88 -17.57 | 232.05 3.86 -183.31 | 41.95 2.85 -2.92 | 35.70 2.56 -0.51 | 36.11 2.53 -0.33 |
| NORTHPORT____4 23650 | 29.61 2.32 -0.78 | 26.92 2.11 -0.71 | 25.52 1.89 0.00 | 23.36 1.69 0.00 | 21.64 1.57 0.00 | 56.28 1.17 -40.84 | 142.15 1.61 -118.33 | 172.55 2.22 -138.12 | 43.54 1.98 -16.22 | 45.22 2.51 -8.86 | 41.26 2.47 -2.89 | 61.78 3.82 -6.92 | 323.07 3.39 -278.22 | 251.34 2.91 -212.44 | 153.25 3.49 -113.36 | 212.63 4.98 -158.58 | 88.91 5.63 -26.16 | 98.83 6.86 -23.00 | 77.68 7.15 4.83 | 77.25 4.88 -17.57 | 232.05 3.86 -183.31 | 41.95 2.85 -2.92 | 35.70 2.56 -0.51 | 36.11 2.53 -0.33 |
| NORTHPORT____IC 23718 | 29.58 2.30 -0.78 | 26.92 2.11 -0.71 | 25.53 1.90 0.00 | 23.34 1.68 0.00 | 21.64 1.57 0.00 | 56.29 1.18 -40.84 | 142.07 1.54 -118.33 | 172.33 2.00 -138.12 | 43.39 1.83 -16.22 | 44.98 2.27 -8.86 | 40.93 2.13 -2.89 | 61.36 3.40 -6.92 | 322.69 3.01 -278.22 | 251.02 2.59 -212.44 | 152.96 3.20 -113.36 | 214.28 4.65 -160.56 | 88.55 5.27 -26.16 | 104.68 6.41 -29.29 | 76.83 6.29 4.82 | 76.87 4.52 -17.55 | 231.88 3.69 -183.31 | 41.79 2.69 -2.92 | 35.58 2.43 -0.51 | 35.99 2.41 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|---------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| NORTH__COUNTRY_ESR 323785 | 26.57 0.06 0.00 | 23.90 -0.19 0.00 | 23.41 -0.21 0.00 | 21.51 -0.15 0.00 | 19.81 -0.26 0.00 | 13.94 -0.33 0.00 | 21.87 -0.34 0.00 | 32.31 0.10 0.00 | 25.62 0.29 0.00 | 34.16 0.31 0.00 | 36.00 0.10 0.00 | 51.07 0.03 0.00 | 41.30 -0.17 0.00 | 35.66 -0.33 0.00 | 35.95 -0.45 0.00 | 48.63 -0.44 0.00 | 56.80 -0.31 0.00 | 69.07 0.10 0.00 | 76.30 0.94 0.00 | 55.41 0.60 0.00 | 45.64 0.77 0.00 | 36.84 0.66 0.00 | 32.90 0.26 0.00 | 33.39 0.14 0.00 |
| NPX_GEN_1385_PROXY 323591 | 29.27 1.98 -0.78 | 26.56 1.76 -0.71 | 25.30 1.68 0.00 | 23.15 1.48 0.00 | 21.46 1.39 0.00 | 56.16 1.05 -40.84 | 141.77 1.23 -118.33 | 171.86 1.53 -138.12 | 42.73 1.17 -16.22 | 44.03 1.33 -8.86 | -148.88 1.05 185.84 | 24.68 1.88 28.23 | 322.04 2.36 -278.22 | 250.10 1.67 -212.44 | 152.36 2.60 -113.36 | 213.11 3.47 -160.56 | 87.00 3.72 -26.16 | 102.37 4.10 -29.29 | 65.10 3.79 14.05 | 75.21 2.86 -17.55 | 231.40 3.21 -183.31 | 40.85 1.75 -2.92 | 34.70 1.56 -0.51 | 34.87 1.30 -0.33 |
| NPX_GEN_CSC 323557 | 29.73 2.45 -0.78 | 27.17 2.36 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.16 1.63 -118.33 | 172.16 1.83 -138.12 | 43.79 2.23 -16.22 | 45.42 2.71 -8.86 | 41.37 2.57 -2.89 | 62.03 4.07 -6.92 | 322.88 3.19 -278.22 | 251.33 2.91 -212.44 | 153.39 3.63 -113.37 | 233.40 5.60 -178.73 | 89.61 6.32 -26.17 | 168.97 7.67 -92.32 | 200.90 8.02 -117.53 | 78.96 5.68 -18.48 | 232.65 4.46 -183.31 | 42.43 3.33 -2.92 | 36.04 2.90 -0.51 | 36.38 2.81 -0.33 |
| NSINS_S_GLNS_FALLS 23858 | 28.21 1.70 0.00 | 25.60 1.50 0.00 | 25.00 1.38 0.00 | 22.86 1.20 0.00 | 21.18 1.11 0.00 | 26.37 0.82 -11.29 | 52.32 1.23 -28.88 | 39.06 1.77 -5.07 | 29.42 1.30 -2.78 | 35.53 1.61 -0.08 | 37.65 1.75 0.00 | 53.62 2.59 0.00 | 43.71 2.25 0.00 | 37.96 2.00 0.03 | 38.56 2.16 0.00 | 52.23 3.15 0.00 | 70.90 3.54 -10.24 | 79.72 4.11 -6.64 | 78.85 4.48 0.99 | 58.09 3.29 0.00 | 47.64 2.77 0.00 | 38.12 2.17 0.23 | 33.80 1.76 0.60 | 34.54 1.69 0.40 |
| NUCOR_STEEL__DRP 24197 | 26.65 0.14 0.00 | 24.23 0.13 0.00 | 23.77 0.15 0.00 | 21.77 0.11 0.00 | 20.23 0.16 0.00 | 14.41 0.14 0.00 | 22.45 0.24 0.00 | 32.62 0.41 0.00 | 26.25 0.48 -0.43 | 34.63 0.79 0.00 | 37.25 0.69 -0.65 | 51.80 0.77 0.00 | 42.01 0.54 0.00 | 36.50 0.51 0.00 | 36.63 0.23 0.00 | 49.35 0.27 0.00 | 57.75 0.63 0.00 | 69.81 0.84 0.00 | 75.99 0.64 0.00 | 55.44 0.64 0.00 | 45.38 0.51 0.00 | 36.51 0.33 0.00 | 33.06 0.42 0.00 | 33.65 0.41 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 25.66 -0.85 0.00 | 23.10 -1.00 0.00 | 22.65 -0.97 0.00 | 21.15 -0.51 0.00 | 19.40 -0.68 0.00 | 14.00 -0.26 0.00 | 22.37 0.17 0.00 | 32.60 0.38 0.00 | 25.71 0.23 -0.14 | 34.36 0.51 0.00 | 36.44 0.32 -0.22 | 51.44 0.41 0.00 | 41.49 0.02 0.00 | 35.48 -0.51 0.00 | 35.39 -1.01 0.00 | 47.86 -1.22 0.00 | 55.66 -1.46 0.00 | 68.07 -0.91 0.00 | 75.49 0.14 0.00 | 55.19 0.39 0.00 | 45.14 0.27 0.00 | 36.78 0.60 0.00 | 33.16 0.52 0.00 | 33.72 0.48 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 26.51 0.00 0.00 | 24.10 0.00 0.00 | 23.62 0.00 0.00 | 21.66 0.00 0.00 | 20.07 0.00 0.00 | 14.27 0.00 0.00 | 22.21 0.00 0.00 | 32.21 0.00 0.00 | 25.33 0.00 0.00 | 33.84 0.00 0.00 | 35.91 0.00 0.00 | 51.03 0.00 0.00 | 41.47 0.00 0.00 | 35.98 0.00 0.00 | 36.40 0.00 0.00 | 49.07 0.00 0.00 | 57.12 0.00 0.00 | 68.97 0.00 0.00 | 75.36 0.00 0.00 | 54.80 0.00 0.00 | 44.87 0.00 0.00 | 36.18 0.00 0.00 | 32.64 0.00 0.00 | 33.24 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 30.02 2.73 -0.78 | 27.30 2.50 -0.71 | 25.88 2.26 0.00 | 23.67 2.00 0.00 | 21.94 1.87 0.00 | 56.51 1.39 -40.84 | 142.42 1.88 -118.33 | 172.85 2.52 -138.12 | 43.93 2.37 -16.22 | 45.72 3.02 -8.86 | 41.55 2.74 -2.89 | 62.25 4.29 -6.92 | 323.40 3.72 -278.22 | 251.73 3.30 -212.45 | 153.84 4.06 -113.38 | 219.89 5.62 -165.19 | 89.53 6.25 -26.16 | 118.62 7.72 -41.92 | 111.78 7.86 -28.56 | 79.08 5.59 -18.68 | 232.76 4.58 -183.32 | 42.69 3.58 -2.93 | 36.31 3.17 -0.51 | 36.69 3.11 -0.33 |
| NYPA_GOWANUS__GT5 24156 | 28.51 2.00 0.00 | 25.83 1.74 0.00 | 25.17 1.54 0.00 | 23.09 1.43 0.00 | 21.41 1.34 0.00 | 56.31 1.07 -40.97 | 128.61 1.55 -104.85 | 52.86 2.24 -18.40 | 37.19 1.68 -10.18 | 36.25 2.12 -0.28 | 38.40 2.41 -0.08 | 54.77 3.73 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.74 3.35 0.00 | 53.83 4.76 0.00 | 116.14 5.43 -53.58 | 123.31 6.58 -47.75 | 82.78 6.59 -0.84 | 59.49 4.69 -0.01 | 48.40 3.53 0.00 | 39.05 2.67 -0.20 | 35.63 2.48 -0.51 | 50.66 2.48 -14.93 |
| NYPA_GOWANUS__GT6 24157 | 28.51 2.00 0.00 | 25.83 1.74 0.00 | 25.17 1.54 0.00 | 23.09 1.43 0.00 | 21.41 1.34 0.00 | 56.31 1.07 -40.97 | 128.61 1.55 -104.85 | 52.86 2.24 -18.40 | 37.19 1.68 -10.18 | 36.25 2.12 -0.28 | 38.40 2.41 -0.08 | 54.77 3.73 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.74 3.35 0.00 | 53.83 4.76 0.00 | 116.14 5.43 -53.58 | 123.31 6.58 -47.75 | 82.78 6.59 -0.84 | 59.49 4.69 -0.01 | 48.40 3.53 0.00 | 39.05 2.67 -0.20 | 35.63 2.48 -0.51 | 50.66 2.48 -14.93 |
| NYPA_HARLEM_RVR_GT1 24160 | 28.40 1.89 0.00 | 25.77 1.68 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.04 -40.97 | 128.56 1.50 -104.85 | 52.77 2.15 -18.40 | 37.06 1.55 -10.18 | 36.13 2.00 -0.28 | 38.23 2.25 -0.08 | 54.46 3.42 0.00 | 44.64 3.18 0.00 | 38.91 2.90 -0.02 | 39.53 3.13 0.00 | 53.55 4.48 0.00 | 87.43 5.24 -25.07 | 98.99 6.38 -23.64 | 82.40 6.22 -0.83 | 59.24 4.44 0.00 | 48.20 3.33 0.00 | 38.85 2.47 -0.19 | 35.43 2.28 -0.51 | 35.91 2.33 -0.33 |
| NYPA_HARLEM_RVR_GT2 24161 | 28.40 1.89 0.00 | 25.77 1.68 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.04 -40.97 | 128.56 1.50 -104.85 | 52.77 2.15 -18.40 | 37.06 1.55 -10.18 | 36.13 2.00 -0.28 | 38.23 2.25 -0.08 | 54.46 3.42 0.00 | 44.64 3.18 0.00 | 38.91 2.90 -0.02 | 39.53 3.13 0.00 | 53.55 4.48 0.00 | 87.43 5.24 -25.07 | 98.99 6.38 -23.64 | 82.40 6.22 -0.83 | 59.24 4.44 0.00 | 48.20 3.33 0.00 | 38.85 2.47 -0.19 | 35.43 2.28 -0.51 | 35.91 2.33 -0.33 |
| NYPA_KENT__GT 24152 | 28.48 1.97 0.00 | 25.82 1.72 0.00 | 25.14 1.53 0.00 | 23.07 1.41 0.00 | 21.40 1.33 0.00 | 56.29 1.05 -40.97 | 128.59 1.53 -104.85 | 52.84 2.23 -18.40 | 37.18 1.67 -10.18 | 36.25 2.12 -0.28 | 38.37 2.39 -0.08 | 54.63 3.59 0.00 | 44.68 3.21 0.00 | 39.01 3.01 -0.02 | 39.66 3.26 0.00 | 53.69 4.61 0.00 | 98.56 5.28 -36.16 | 108.38 6.38 -33.02 | 82.57 6.39 -0.83 | 59.33 4.52 0.00 | 48.28 3.40 0.00 | 38.98 2.60 -0.19 | 35.56 2.41 -0.51 | 44.41 2.42 -8.74 |
| NYPA_POUCH1__GT 24155 | 28.48 1.97 0.00 | 25.80 1.71 0.00 | 25.13 1.51 0.00 | 23.06 1.40 0.00 | 21.38 1.31 0.00 | 56.29 1.05 -40.97 | 128.57 1.51 -104.85 | 52.73 2.18 -18.34 | 37.13 1.62 -10.18 | 36.15 2.03 -0.28 | 38.32 2.34 -0.08 | 54.66 3.62 0.00 | 44.64 3.18 0.00 | 38.98 2.98 -0.02 | 39.62 3.23 0.00 | 53.69 4.61 0.00 | 91.83 5.23 -29.47 | 100.60 6.32 -25.30 | 82.52 6.33 -0.84 | 59.30 4.49 -0.01 | 48.25 3.38 0.00 | 38.94 2.57 -0.19 | 35.57 2.42 -0.51 | 50.30 2.41 -14.64 |
| NYPA_VERNON__GT2 24162 | 28.44 1.93 0.00 | 25.78 1.68 0.00 | 25.11 1.49 0.00 | 23.04 1.37 0.00 | 21.37 1.30 0.00 | 56.27 1.03 -40.97 | 128.55 1.49 -104.85 | 52.80 2.18 -18.40 | 37.15 1.64 -10.18 | 36.21 2.09 -0.28 | 38.31 2.32 -0.08 | 54.53 3.49 0.00 | 44.62 3.15 0.00 | 38.97 2.96 -0.02 | 39.60 3.20 0.00 | 53.60 4.52 0.00 | 81.05 5.18 -18.74 | 93.52 6.25 -18.29 | 82.44 6.26 -0.83 | 59.24 4.44 0.00 | 48.18 3.31 0.00 | 38.88 2.51 -0.19 | 35.48 2.33 -0.51 | 38.14 2.36 -2.54 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| NYPA_VERNON____GT3 24163 | 28.44 1.93 0.00 | 25.78 1.68 0.00 | 25.11 1.49 0.00 | 23.04 1.37 0.00 | 21.37 1.30 0.00 | 56.27 1.03 -40.97 | 128.55 1.49 -104.85 | 52.80 2.18 -18.40 | 37.15 1.64 -10.18 | 36.21 2.09 -0.28 | 38.31 2.32 -0.08 | 54.53 3.49 0.00 | 44.62 3.15 0.00 | 38.97 2.96 -0.02 | 39.60 3.20 0.00 | 53.60 4.52 0.00 | 81.05 5.18 -18.74 | 93.52 6.25 -18.29 | 82.44 6.26 -0.83 | 59.24 4.44 0.00 | 48.18 3.31 0.00 | 38.88 2.51 -0.19 | 35.48 2.33 -0.51 | 38.14 2.36 -2.54 |
| NYPA____ASTORIA_CC1 323568 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.12 -18.40 | 37.10 1.59 -10.18 | 36.15 2.02 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.84 5.05 -9.67 | 85.69 6.10 -10.62 | 82.27 6.09 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.27 -0.51 | 35.87 2.29 -0.33 |
| NYPA____ASTORIA_CC2 323569 | 28.39 1.88 0.00 | 25.73 1.63 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.12 -18.40 | 37.10 1.59 -10.18 | 36.15 2.02 -0.28 | 38.24 2.25 -0.08 | 54.41 3.38 0.00 | 44.53 3.06 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.48 4.41 0.00 | 71.84 5.05 -9.67 | 85.69 6.10 -10.62 | 82.27 6.09 -0.83 | 59.13 4.33 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.42 2.27 -0.51 | 35.87 2.29 -0.33 |
| NYPA____HOLTSVILL 23794 | 29.86 2.57 -0.78 | 27.19 2.38 -0.71 | 25.78 2.16 0.00 | 23.59 1.93 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.20 1.66 -118.33 | 172.32 1.99 -138.12 | 43.75 2.19 -16.22 | 45.47 2.76 -8.86 | 41.42 2.62 -2.89 | 62.10 4.14 -6.92 | 323.12 3.43 -278.22 | 251.44 3.01 -212.44 | 153.42 3.66 -113.37 | 232.99 5.49 -178.43 | 89.52 6.24 -26.17 | 167.88 7.60 -91.30 | 198.88 7.80 -115.71 | 78.78 5.52 -18.47 | 232.58 4.39 -183.31 | 42.42 3.32 -2.92 | 36.08 2.93 -0.51 | 36.47 2.89 -0.33 |
| NYPA____HELLGATE_GT1 24158 | 28.40 1.89 0.00 | 25.77 1.68 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.04 -40.97 | 128.56 1.50 -104.85 | 52.77 2.15 -18.40 | 37.06 1.55 -10.18 | 36.13 2.00 -0.28 | 38.23 2.24 -0.08 | 54.46 3.42 0.00 | 44.64 3.18 0.00 | 38.92 2.92 -0.02 | 39.53 3.14 0.00 | 53.55 4.48 0.00 | 87.43 5.24 -25.07 | 98.99 6.38 -23.64 | 82.40 6.22 -0.83 | 59.24 4.44 0.00 | 48.19 3.32 0.00 | 38.86 2.48 -0.19 | 35.43 2.29 -0.51 | 35.88 2.30 -0.33 |
| NYPA____HELLGATE_GT2 24159 | 28.40 1.89 0.00 | 25.77 1.68 0.00 | 25.10 1.48 0.00 | 23.04 1.38 0.00 | 21.38 1.31 0.00 | 56.29 1.04 -40.97 | 128.56 1.50 -104.85 | 52.77 2.15 -18.40 | 37.06 1.55 -10.18 | 36.13 2.00 -0.28 | 38.23 2.24 -0.08 | 54.46 3.42 0.00 | 44.64 3.18 0.00 | 38.92 2.92 -0.02 | 39.53 3.14 0.00 | 53.55 4.48 0.00 | 87.43 5.24 -25.07 | 98.99 6.38 -23.64 | 82.40 6.22 -0.83 | 59.24 4.44 0.00 | 48.19 3.32 0.00 | 38.86 2.48 -0.19 | 35.43 2.29 -0.51 | 35.88 2.30 -0.33 |
| NYS_BARGE____HYD 23848 | 26.07 -0.44 0.00 | 23.91 -0.19 0.00 | 23.45 -0.17 0.00 | 21.49 -0.17 0.00 | 19.87 -0.20 0.00 | 13.94 -0.33 0.00 | 22.10 -0.10 0.00 | 31.70 -0.51 0.00 | 25.08 -0.25 0.00 | 33.91 0.06 0.00 | 35.58 -0.33 0.00 | 50.11 -0.92 0.00 | 40.24 -1.23 0.00 | 34.84 -1.15 0.00 | 34.42 -1.97 0.00 | 41.27 -2.35 5.45 | 48.52 -2.36 6.24 | 65.74 -3.23 0.00 | 72.01 -3.34 0.00 | 52.49 -2.31 0.00 | 42.96 -1.91 0.00 | 35.24 -0.94 0.00 | 32.42 -0.22 0.00 | 33.28 0.04 0.00 |
| OAK ORCHARD____HYD 24046 | 26.53 0.02 0.00 | 24.22 0.12 0.00 | 23.71 0.09 0.00 | 21.70 0.03 0.00 | 20.08 0.01 0.00 | 14.17 -0.09 0.00 | 22.36 0.15 0.00 | 32.26 0.05 0.00 | 25.51 0.18 0.00 | 34.29 0.45 0.00 | 36.18 0.27 0.00 | 51.20 0.16 0.00 | 41.33 -0.14 0.00 | 35.79 -0.20 0.00 | 35.70 -0.69 0.00 | 48.27 -0.80 0.00 | 56.37 -0.75 0.00 | 68.12 -0.85 0.00 | 74.58 -0.78 0.00 | 54.25 -0.55 0.00 | 44.35 -0.52 0.00 | 36.09 -0.10 0.00 | 32.86 0.22 0.00 | 33.57 0.32 0.00 |
| OAKDALE____35_KV_LOAD 356122 | 26.75 0.24 0.00 | 24.29 0.19 0.00 | 23.74 0.12 0.00 | 21.75 0.09 0.00 | 20.17 0.10 0.00 | 14.37 0.10 0.00 | 22.51 0.30 0.00 | 32.59 0.37 0.00 | 26.11 0.47 -0.31 | 34.51 0.67 0.00 | 37.07 0.70 -0.47 | 51.78 0.75 0.00 | 41.94 0.47 0.00 | 36.44 0.45 0.00 | 36.64 0.25 0.00 | 49.65 0.58 0.00 | 57.87 0.75 0.00 | 69.68 0.71 0.00 | 76.02 0.66 0.00 | 55.34 0.54 0.00 | 45.19 0.32 0.00 | 36.54 0.36 0.00 | 33.03 0.39 0.00 | 33.63 0.39 0.00 |
| OCC_CHEM____DRP 24175 | 25.65 -0.85 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.44 0.00 | 19.63 -0.45 0.00 | 13.75 -0.52 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.55 -0.79 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -1.99 0.00 | 33.54 -2.85 0.01 | 39.37 -3.78 5.92 | 46.26 -4.06 6.79 | 64.08 -4.90 0.00 | 70.17 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.69 -0.95 0.00 | 32.69 -0.56 0.00 |
| OH_GEN_PROXY 24063 | 25.85 -0.66 0.00 | 23.72 -0.38 0.00 | 23.27 -0.35 0.00 | 21.31 -0.35 0.00 | 19.70 -0.37 0.00 | 13.82 -0.45 0.00 | 21.90 -0.31 0.00 | 31.41 -0.80 0.00 | 24.84 -0.50 0.00 | 33.52 -0.32 0.00 | 35.19 -0.72 0.00 | 83.76 -1.43 -34.14 | 77.14 -1.61 -37.28 | 62.90 -1.53 -28.44 | 34.07 -2.32 0.00 | 41.09 -2.93 5.06 | 48.18 -3.14 5.79 | 65.12 -3.86 0.00 | 71.31 -4.05 0.00 | 51.96 -2.84 0.00 | 42.51 -2.36 0.00 | 34.83 -1.35 0.00 | 32.02 -0.62 0.00 | 32.89 -0.35 0.00 |
| OLIN_CORP_DRP 24177 | 25.68 -0.83 0.00 | 23.56 -0.54 0.00 | 23.12 -0.49 0.00 | 21.19 -0.48 0.00 | 19.59 -0.48 0.00 | 13.74 -0.53 0.00 | 21.76 -0.45 0.00 | 31.19 -1.03 0.00 | 24.64 -0.70 0.00 | 33.33 -0.51 0.00 | 34.93 -0.98 0.00 | 49.17 -1.86 0.00 | 39.49 -1.97 0.00 | 34.20 -1.79 0.00 | 33.75 -2.63 0.01 | 39.84 -3.23 6.00 | 46.91 -3.33 6.87 | 64.48 -4.49 0.00 | 70.63 -4.73 0.00 | 51.48 -3.32 0.00 | 42.14 -2.73 0.00 | 34.59 -1.59 0.00 | 31.87 -0.77 0.00 | 32.75 -0.49 0.00 |
| OLIN_CORP_DSASP 323712 | 25.65 -0.86 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.43 0.00 | 19.63 -0.44 0.00 | 13.74 -0.53 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.56 -0.77 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -2.00 0.00 | 33.54 -2.85 0.01 | 39.43 -3.73 5.92 | 46.31 -4.01 6.80 | 64.11 -4.87 0.00 | 70.18 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.70 -0.94 0.00 | 32.69 -0.55 0.00 |
| ONEIDA_HERK_LFGE 323681 | 26.76 0.25 0.00 | 24.25 0.15 0.00 | 23.73 0.11 0.00 | 21.86 0.20 0.00 | 20.20 0.13 0.00 | 14.44 0.18 0.00 | 22.69 0.48 0.00 | 32.96 0.74 0.00 | 25.91 0.58 0.00 | 34.77 0.92 0.00 | 36.91 1.01 0.00 | 52.46 1.42 0.00 | 42.52 1.05 0.00 | 36.80 0.81 0.00 | 37.08 0.69 0.00 | 49.83 0.76 0.00 | 57.96 0.84 0.00 | 69.67 0.70 0.00 | 76.51 1.15 0.00 | 55.81 1.01 0.00 | 45.64 0.76 0.00 | 36.98 0.80 0.00 | 33.32 0.68 0.00 | 33.88 0.64 0.00 |
| ONEIDA____115KV_TB4 55905 | 27.09 0.58 0.00 | 24.57 0.47 0.00 | 24.03 0.40 0.00 | 22.04 0.38 0.00 | 20.41 0.34 0.00 | 14.56 0.30 0.00 | 22.85 0.64 0.00 | 33.13 0.92 0.00 | 26.14 0.73 -0.07 | 34.95 1.11 0.00 | 37.22 1.21 -0.11 | 52.71 1.68 0.00 | 42.78 1.31 0.00 | 37.11 1.13 0.00 | 37.48 1.08 0.00 | 50.39 1.32 0.00 | 58.73 1.61 0.00 | 70.68 1.71 0.00 | 77.14 1.79 0.00 | 56.29 1.49 0.00 | 46.06 1.19 0.00 | 37.22 1.04 0.00 | 33.54 0.90 0.00 | 34.11 0.86 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ONONDAGA_REF_OCCRA 23987 | 26.46 -0.05 0.00 | 24.04 -0.06 0.00 | 23.50 -0.12 0.00 | 21.53 -0.13 0.00 | 19.97 -0.11 0.00 | 14.20 -0.06 0.00 | 22.24 0.04 0.00 | 32.22 0.01 0.00 | 25.55 0.04 -0.18 | 33.92 0.08 0.00 | 36.31 0.13 -0.27 | 51.22 0.19 0.00 | 41.53 0.07 0.00 | 36.00 0.01 0.00 | 36.27 -0.12 0.00 | 48.93 -0.14 0.00 | 57.02 -0.10 0.00 | 68.83 -0.15 0.00 | 75.18 -0.17 0.00 | 54.69 -0.11 0.00 | 44.71 -0.16 0.00 | 36.13 -0.06 0.00 | 32.66 0.02 0.00 | 33.25 0.01 0.00 |
| ONONDAGA___COGEN 23986 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| ONTARIO___LFGE 23819 | 26.65 0.14 0.00 | 24.22 0.13 0.00 | 23.70 0.09 0.00 | 21.72 0.06 0.00 | 20.13 0.06 0.00 | 14.32 0.05 0.00 | 22.56 0.35 0.00 | 32.58 0.36 0.00 | 26.04 0.55 -0.16 | 34.62 0.77 0.00 | 36.94 0.80 -0.24 | 51.89 0.85 0.00 | 41.86 0.40 0.00 | 36.31 0.32 0.00 | 36.39 -0.02 0.00 | 52.95 0.03 -3.85 | 61.72 0.17 -4.43 | 69.08 0.11 0.00 | 75.67 0.32 0.00 | 55.14 0.34 0.00 | 45.07 0.20 0.00 | 36.55 0.37 0.00 | 33.04 0.40 0.00 | 33.63 0.38 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.86 -0.64 0.00 | 23.69 -0.40 0.00 | 23.28 -0.34 0.00 | 21.35 -0.31 0.00 | 19.76 -0.31 0.00 | 13.94 -0.32 0.00 | 22.17 -0.04 0.00 | 31.95 -0.27 0.00 | 25.47 0.05 -0.09 | 34.23 0.39 0.00 | 36.23 0.19 -0.14 | 50.88 -0.16 0.00 | 40.67 -0.80 0.00 | 34.97 -1.01 0.00 | 34.61 -1.76 0.02 | 22.04 -2.07 24.96 | 26.44 -2.08 28.60 | 66.48 -2.50 0.00 | 72.92 -2.44 0.00 | 53.28 -1.52 0.00 | 43.62 -1.25 0.00 | 35.76 -0.42 0.00 | 32.61 -0.04 0.00 | 33.43 0.18 0.00 |
| ORANGEVILLE___ESR 323794 | 25.86 -0.64 0.00 | 23.69 -0.40 0.00 | 23.28 -0.34 0.00 | 21.35 -0.31 0.00 | 19.76 -0.31 0.00 | 13.94 -0.32 0.00 | 22.17 -0.04 0.00 | 31.95 -0.27 0.00 | 25.47 0.05 -0.09 | 34.23 0.39 0.00 | 36.23 0.19 -0.14 | 50.88 -0.16 0.00 | 40.67 -0.80 0.00 | 34.97 -1.01 0.00 | 34.61 -1.76 0.02 | 22.04 -2.07 24.96 | 26.44 -2.08 28.60 | 66.48 -2.50 0.00 | 72.92 -2.44 0.00 | 53.28 -1.52 0.00 | 43.62 -1.25 0.00 | 35.76 -0.42 0.00 | 32.61 -0.04 0.00 | 33.43 0.18 0.00 |
| OSWEGATCHIE___HYD 24044 | 25.73 -0.78 0.00 | 23.25 -0.85 0.00 | 22.82 -0.80 0.00 | 21.13 -0.53 0.00 | 19.45 -0.62 0.00 | 13.93 -0.34 0.00 | 22.00 -0.20 0.00 | 32.07 -0.15 0.00 | 25.31 -0.14 -0.11 | 33.78 -0.06 0.00 | 35.79 -0.29 -0.17 | 50.54 -0.49 0.00 | 40.87 -0.59 0.00 | 35.13 -0.85 0.00 | 35.22 -1.18 0.00 | 47.58 -1.50 0.00 | 55.39 -1.73 0.00 | 67.55 -1.43 0.00 | 74.69 -0.66 0.00 | 54.40 -0.39 0.00 | 44.58 -0.29 0.00 | 36.13 -0.05 0.00 | 32.49 -0.15 0.00 | 33.05 -0.19 0.00 |
| OSWEGO___5 23606 | 25.95 -0.56 0.00 | 23.59 -0.51 0.00 | 23.09 -0.53 0.00 | 21.17 -0.50 0.00 | 19.62 -0.45 0.00 | 13.95 -0.32 0.00 | 21.81 -0.40 0.00 | 31.58 -0.64 0.00 | 26.33 -0.42 -1.42 | 33.32 -0.52 0.00 | 37.48 -0.56 -2.13 | 50.09 -0.95 0.00 | 40.65 -0.82 0.00 | 35.26 -0.73 0.00 | 35.54 -0.86 0.00 | 47.95 -1.12 0.00 | 55.88 -1.24 0.00 | 67.45 -1.53 0.00 | 73.70 -1.66 0.00 | 53.61 -1.18 0.00 | 43.85 -1.02 0.00 | 35.42 -0.76 0.00 | 32.02 -0.62 0.00 | 32.63 -0.61 0.00 |
| OSWEGO___6 23613 | 25.95 -0.56 0.00 | 23.59 -0.51 0.00 | 23.09 -0.53 0.00 | 21.17 -0.50 0.00 | 19.62 -0.45 0.00 | 13.95 -0.32 0.00 | 21.81 -0.40 0.00 | 31.58 -0.64 0.00 | 26.33 -0.42 -1.42 | 33.32 -0.52 0.00 | 37.48 -0.56 -2.13 | 50.09 -0.95 0.00 | 40.65 -0.82 0.00 | 35.26 -0.73 0.00 | 35.54 -0.86 0.00 | 47.95 -1.12 0.00 | 55.88 -1.24 0.00 | 67.45 -1.53 0.00 | 73.70 -1.66 0.00 | 53.61 -1.18 0.00 | 43.85 -1.02 0.00 | 35.42 -0.76 0.00 | 32.02 -0.62 0.00 | 32.63 -0.61 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 26.27 -0.24 0.00 | 24.10 0.01 0.00 | 23.65 0.03 0.00 | 21.66 0.00 0.00 | 20.04 -0.03 0.00 | 14.07 -0.20 0.00 | 22.32 0.11 0.00 | 32.01 -0.20 0.00 | 25.30 -0.03 0.00 | 34.21 0.37 0.00 | 35.91 0.00 0.00 | 50.59 -0.45 0.00 | 40.62 -0.84 0.00 | 35.17 -0.81 0.00 | 34.75 -1.64 0.01 | 40.75 -2.04 6.29 | 47.92 -2.02 7.18 | 66.40 -2.57 0.00 | 72.74 -2.62 0.00 | 52.99 -1.81 0.00 | 43.35 -1.52 0.00 | 35.53 -0.65 0.00 | 32.65 0.01 0.00 | 33.51 0.27 0.00 |
| OXBOW___ 24026 | 26.04 -0.46 0.00 | 23.93 -0.17 0.00 | 23.47 -0.15 0.00 | 21.51 -0.15 0.00 | 19.89 -0.18 0.00 | 13.94 -0.32 0.00 | 22.12 -0.09 0.00 | 31.70 -0.51 0.00 | 25.02 -0.31 0.00 | 33.80 -0.04 0.00 | 35.45 -0.45 0.00 | 49.93 -1.11 0.00 | 40.10 -1.37 0.00 | 34.71 -1.27 0.00 | 34.29 -2.11 0.01 | 40.31 -2.68 6.09 | 47.38 -2.79 6.95 | 65.50 -3.47 0.00 | 71.72 -3.64 0.00 | 52.24 -2.56 0.00 | 42.77 -2.11 0.00 | 35.06 -1.12 0.00 | 32.28 -0.36 0.00 | 33.20 -0.04 0.00 |
| OXY_CHEM_DSASP 323612 | 25.65 -0.85 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.44 0.00 | 19.63 -0.45 0.00 | 13.75 -0.52 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.55 -0.79 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -1.99 0.00 | 33.54 -2.85 0.01 | 39.37 -3.78 5.92 | 46.26 -4.06 6.79 | 64.08 -4.90 0.00 | 70.17 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.69 -0.95 0.00 | 32.69 -0.56 0.00 |
| OZONE_PARK_ESR 323760 | 28.80 2.29 0.00 | 26.09 1.99 0.00 | 25.40 1.78 0.00 | 23.31 1.65 0.00 | 21.61 1.54 0.00 | 56.43 1.18 -40.98 | 128.82 1.75 -104.87 | 53.17 2.55 -18.40 | 37.47 1.95 -10.18 | 36.61 2.49 -0.28 | 38.79 2.80 -0.08 | 55.28 4.24 0.00 | 45.19 3.73 0.00 | 39.49 3.49 -0.02 | 40.14 3.75 0.00 | 54.40 5.33 0.00 | 88.41 6.21 -25.08 | 100.11 7.49 -23.64 | 83.77 7.59 -0.83 | 60.21 5.41 0.00 | 48.94 4.07 0.00 | 39.48 3.10 -0.19 | 35.97 2.82 -0.51 | 36.39 2.81 -0.33 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 25.65 -0.85 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.44 0.00 | 19.63 -0.45 0.00 | 13.75 -0.52 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.55 -0.79 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -1.99 0.00 | 33.54 -2.85 0.01 | 39.37 -3.78 5.92 | 46.26 -4.06 6.79 | 64.08 -4.90 0.00 | 70.17 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.69 -0.95 0.00 | 32.69 -0.56 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 25.65 -0.85 0.00 | 23.61 -0.49 0.00 | 23.17 -0.45 0.00 | 21.23 -0.44 0.00 | 19.63 -0.45 0.00 | 13.75 -0.52 0.00 | 21.79 -0.42 0.00 | 31.21 -1.01 0.00 | 24.55 -0.79 0.00 | 33.16 -0.68 0.00 | 34.74 -1.17 0.00 | 48.89 -2.15 0.00 | 39.25 -2.22 0.00 | 33.99 -1.99 0.00 | 33.54 -2.85 0.01 | 39.37 -3.78 5.92 | 46.26 -4.06 6.79 | 64.08 -4.90 0.00 | 70.17 -5.18 0.00 | 51.11 -3.69 0.00 | 41.86 -3.01 0.00 | 34.37 -1.81 0.00 | 31.69 -0.95 0.00 | 32.69 -0.56 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 28.39 1.88 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.04 1.38 0.00 | 21.36 1.29 0.00 | 56.27 1.03 -40.97 | 128.54 1.48 -104.85 | 52.77 2.15 -18.40 | 37.10 1.59 -10.18 | 36.17 2.05 -0.28 | 38.26 2.28 -0.08 | 54.49 3.45 0.00 | 44.64 3.18 0.00 | 38.91 2.91 -0.02 | 39.54 3.14 0.00 | 53.56 4.48 0.00 | 87.44 5.25 -25.07 | 99.00 6.39 -23.64 | 82.44 6.25 -0.83 | 59.28 4.48 0.00 | 48.24 3.37 0.00 | 38.90 2.53 -0.19 | 35.45 2.30 -0.51 | 35.89 2.31 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 28.50 1.99 0.00 | 25.87 1.78 0.00 | 25.22 1.60 0.00 | 23.15 1.49 0.00 | 21.45 1.38 0.00 | 56.34 1.10 -40.97 | 128.65 1.59 -104.85 | 52.90 2.28 -18.40 | 37.18 1.67 -10.18 | 36.28 2.16 -0.28 | 38.49 2.50 -0.08 | 54.73 3.70 0.00 | 44.93 3.46 0.00 | 39.15 3.14 -0.02 | 39.74 3.34 0.00 | 53.67 4.59 0.00 | 87.59 5.40 -25.07 | 99.21 6.60 -23.64 | 82.68 6.50 -0.83 | 59.49 4.69 0.00 | 48.39 3.52 0.00 | 39.02 2.65 -0.19 | 35.56 2.42 -0.51 | 35.97 2.40 -0.33 |
| PATROON__115KV_TB1 80586 | 27.40 0.89 0.00 | 24.94 0.85 0.00 | 24.37 0.75 0.00 | 22.35 0.69 0.00 | 20.71 0.64 0.00 | 26.39 0.48 -11.64 | 52.68 0.68 -29.79 | 38.34 0.90 -5.23 | 28.84 0.63 -2.87 | 34.72 0.80 -0.08 | 36.85 0.94 0.00 | 52.46 1.43 0.00 | 42.80 1.33 0.00 | 37.21 1.25 0.02 | 37.80 1.40 0.00 | 50.96 1.88 0.00 | 69.97 2.22 -10.63 | 78.60 2.49 -7.14 | 76.88 2.44 0.92 | 56.55 1.76 0.00 | 46.24 1.37 0.00 | 36.93 0.96 0.21 | 32.87 0.79 0.56 | 33.62 0.75 0.37 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 26.47 -0.04 0.00 | 24.22 0.12 0.00 | 23.72 0.11 0.00 | 21.72 0.06 0.00 | 20.10 0.03 0.00 | 14.14 -0.12 0.00 | 22.45 0.25 0.00 | 32.29 0.08 0.00 | 25.65 0.25 -0.06 | 34.55 0.71 0.00 | 36.44 0.45 -0.09 | 51.34 0.30 0.00 | 41.26 -0.21 0.00 | 35.71 -0.28 0.00 | 35.35 -1.05 0.01 | 41.53 -0.99 6.55 | 48.75 -0.87 7.50 | 67.62 -1.36 0.00 | 74.01 -1.34 0.00 | 53.91 -0.89 0.00 | 44.02 -0.85 0.00 | 36.01 -0.17 0.00 | 32.98 0.33 0.00 | 33.76 0.52 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 28.48 1.97 0.00 | 25.81 1.71 0.00 | 25.14 1.51 0.00 | 23.06 1.39 0.00 | 21.38 1.31 0.00 | 37.30 1.00 -22.04 | 80.09 1.49 -56.40 | 44.27 2.16 -9.90 | 32.51 1.70 -5.48 | 36.17 2.17 -0.15 | 38.44 2.45 -0.08 | 54.77 3.74 0.00 | 44.78 3.32 0.00 | 39.10 3.10 -0.02 | 39.77 3.37 0.00 | 53.88 4.80 0.00 | 80.84 5.67 -18.05 | 93.00 6.75 -17.28 | 82.95 6.89 -0.71 | 59.71 4.91 0.00 | 48.54 3.67 0.00 | 39.09 2.75 -0.16 | 35.51 2.44 -0.43 | 35.90 2.37 -0.28 |
| PEEKSKILL____ 23653 | 28.18 1.67 0.00 | 25.55 1.45 0.00 | 24.89 1.27 0.00 | 22.83 1.17 0.00 | 21.17 1.10 0.00 | 58.73 0.85 -43.61 | 135.06 1.24 -111.60 | 53.60 1.80 -19.59 | 37.57 1.37 -10.87 | 35.88 1.74 -0.30 | 37.98 1.99 -0.08 | 54.11 3.08 0.00 | 44.21 2.74 0.00 | 38.58 2.57 -0.02 | 39.22 2.82 0.00 | 53.15 4.07 0.00 | 89.19 4.79 -27.27 | 100.25 5.78 -25.51 | 81.93 5.76 -0.81 | 58.89 4.09 0.00 | 47.91 3.04 0.00 | 38.63 2.27 -0.19 | 35.18 2.04 -0.49 | 35.59 2.03 -0.32 |
| PGE MADISON__WINDPWR 24146 | 28.20 1.70 0.00 | 25.62 1.52 0.00 | 24.93 1.31 0.00 | 22.69 1.03 0.00 | 21.09 1.02 0.00 | 15.24 0.97 0.00 | 23.99 1.78 0.00 | 34.88 2.66 0.00 | 27.95 2.31 -0.30 | 36.98 3.13 0.00 | 39.62 3.27 -0.45 | 55.60 4.57 0.00 | 44.91 3.45 0.00 | 39.03 3.05 0.00 | 39.51 3.11 0.00 | 54.20 3.86 -1.27 | 63.99 5.41 -1.46 | 74.23 5.26 0.00 | 80.54 5.18 0.00 | 59.24 4.44 0.00 | 48.57 3.70 0.00 | 39.06 2.87 0.00 | 35.24 2.60 0.00 | 35.67 2.42 0.00 |
| PIERCEFIELD__HYD 23852 | 25.71 -0.80 0.00 | 23.28 -0.82 0.00 | 22.90 -0.72 0.00 | 21.08 -0.59 0.00 | 19.47 -0.60 0.00 | 13.83 -0.44 0.00 | 21.61 -0.59 0.00 | 31.56 -0.65 0.00 | 24.87 -0.53 -0.06 | 33.23 -0.61 0.00 | 35.20 -0.80 -0.09 | 49.86 -1.17 0.00 | 40.41 -1.06 0.00 | 34.93 -1.06 0.00 | 35.20 -1.20 0.00 | 47.31 -1.76 0.00 | 55.08 -2.04 0.00 | 66.99 -1.98 0.00 | 73.83 -1.53 0.00 | 53.64 -1.16 0.00 | 44.07 -0.80 0.00 | 35.55 -0.64 0.00 | 31.90 -0.74 0.00 | 32.47 -0.77 0.00 |
| PINELAWN_CC_1 323563 | 29.88 2.59 -0.78 | 27.14 2.34 -0.71 | 25.71 2.09 0.00 | 23.53 1.87 0.00 | 21.80 1.73 0.00 | 56.41 1.30 -40.84 | 142.34 1.80 -118.33 | 172.90 2.57 -138.12 | 43.87 2.31 -16.22 | 45.69 2.98 -8.86 | 41.76 2.96 -2.89 | 62.46 4.50 -6.92 | 323.57 3.89 -278.22 | 251.85 3.42 -212.44 | 153.71 3.95 -113.37 | 216.20 5.60 -161.53 | 89.69 6.41 -26.16 | 109.61 7.88 -32.76 | 95.87 8.11 -12.40 | 78.31 5.73 -17.79 | 232.75 4.56 -183.31 | 42.55 3.45 -2.92 | 36.21 3.06 -0.51 | 36.58 3.01 -0.33 |
| PJM_GEN_HTP_PROXY 323702 | 28.42 1.87 -0.05 | 25.71 1.62 0.00 | 25.05 1.43 0.00 | 22.98 1.32 0.00 | 21.32 1.25 0.00 | 56.41 0.97 -41.17 | 128.50 1.42 -104.88 | 52.67 2.05 -18.41 | 37.07 1.56 -10.18 | 36.10 1.98 -0.28 | 38.24 2.26 -0.08 | 54.49 3.45 0.00 | 44.53 3.07 0.00 | 35.62 2.90 3.26 | 39.54 3.14 0.00 | 53.55 4.48 0.00 | 77.21 5.23 -14.86 | 98.87 6.25 -23.64 | 82.46 6.28 -0.83 | 59.25 4.45 0.00 | 48.19 3.32 0.00 | 38.86 2.48 -0.19 | 35.40 2.26 -0.51 | 35.84 2.26 -0.33 |
| PJM_GEN_KEystone 24065 | 27.15 0.58 -0.05 | 24.62 0.53 0.00 | 24.03 0.41 0.00 | 22.02 0.36 0.00 | 20.41 0.34 0.00 | -23.08 0.25 37.60 | -76.27 0.52 99.00 | 15.51 0.67 17.37 | 16.49 0.60 9.44 | 34.40 0.82 0.27 | 36.88 0.85 -0.13 | 52.22 1.19 0.00 | 42.41 0.94 0.00 | 33.59 0.88 3.27 | 30.59 0.74 6.54 | 49.21 1.43 1.29 | 63.88 1.79 -4.98 | 86.45 2.04 -15.44 | 77.62 1.84 -0.43 | 67.87 1.34 -11.73 | 36.39 0.79 9.28 | 37.01 0.73 -0.10 | 33.74 0.84 -0.26 | 36.45 0.88 -2.34 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 29.45 2.11 -0.83 | 26.69 1.89 -0.71 | 25.28 1.66 0.00 | 23.14 1.48 0.00 | 21.46 1.38 0.00 | 56.35 1.05 -41.03 | 142.00 1.47 -118.33 | 172.60 2.26 -138.12 | 43.50 1.94 -16.22 | 45.20 2.49 -8.86 | 41.33 2.53 -2.89 | 61.88 3.92 -6.92 | 323.09 3.41 -278.22 | 248.07 2.93 -209.16 | 153.07 3.31 -113.36 | 213.96 4.71 -160.18 | 78.45 5.38 -15.94 | 104.20 6.58 -28.64 | 87.08 6.60 -5.13 | 77.05 4.64 -17.61 | 231.84 3.65 -183.31 | 41.82 2.72 -2.92 | 35.57 2.42 -0.51 | 35.99 2.42 -0.33 |
| PJM_GEN_VFT_PROXY 323633 | 28.31 1.75 -0.05 | 25.62 1.52 0.00 | 24.95 1.33 0.00 | 22.90 1.23 0.00 | 21.23 1.16 0.00 | 56.35 0.91 -41.16 | 128.39 1.32 -104.87 | 52.55 1.93 -18.40 | 36.94 1.43 -10.18 | 35.89 1.77 -0.28 | 38.05 2.07 -0.08 | 54.21 3.17 0.00 | 44.33 2.86 0.00 | 35.42 2.70 3.26 | 39.36 2.97 0.00 | 53.32 4.25 0.00 | 76.95 4.97 -14.86 | 98.68 6.07 -23.64 | 82.21 6.02 -0.83 | 59.08 4.28 0.00 | 47.98 3.11 0.00 | 38.67 2.29 -0.19 | 35.25 2.11 -0.51 | 35.67 2.09 -0.33 |
| PLATSBRG_115KV_PMLD1 355749 | 27.01 0.50 0.00 | 24.28 0.18 0.00 | 23.72 0.10 0.00 | 21.77 0.11 0.00 | 20.06 -0.01 0.00 | 14.13 -0.14 0.00 | 22.18 -0.03 0.00 | 32.75 0.53 0.00 | 26.01 0.67 0.00 | 34.65 0.81 0.00 | 36.54 0.64 0.00 | 51.78 0.74 0.00 | 41.91 0.45 0.00 | 36.19 0.21 0.00 | 36.48 0.08 0.00 | 49.47 0.40 0.00 | 57.68 0.56 0.00 | 70.04 1.06 0.00 | 77.39 2.04 0.00 | 56.27 1.47 0.00 | 46.31 1.44 0.00 | 37.47 1.28 0.00 | 33.45 0.81 0.00 | 33.93 0.69 0.00 |
| PLEASANTVLY__LBMP 24000 | 27.99 1.48 0.00 | 25.40 1.30 0.00 | 24.77 1.15 0.00 | 22.73 1.06 0.00 | 21.07 1.00 0.00 | 42.90 0.77 -27.87 | 94.62 1.09 -71.32 | 46.29 1.56 -12.52 | 33.37 1.18 -6.86 | 35.52 1.49 -0.19 | 37.61 1.70 0.00 | 53.64 2.60 0.00 | 43.80 2.34 0.00 | 38.18 2.18 -0.02 | 38.81 2.42 0.00 | 52.55 3.47 0.00 | 79.99 4.07 -18.80 | 92.24 4.80 -18.47 | 81.10 4.79 -0.95 | 58.22 3.42 0.00 | 47.43 2.55 0.00 | 38.29 1.89 -0.22 | 34.92 1.69 -0.58 | 35.29 1.67 -0.38 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 28.28 1.77 0.00 | 25.65 1.55 0.00 | 24.98 1.36 0.00 | 22.92 1.26 0.00 | 21.25 1.18 0.00 | 52.64 0.91 -37.47 | 119.43 1.33 -95.89 | 50.97 1.92 -16.83 | 36.12 1.49 -9.29 | 36.03 1.93 -0.26 | 38.21 2.22 -0.08 | 54.45 3.41 0.00 | 44.48 3.01 0.00 | 38.82 2.81 -0.02 | 39.40 3.01 0.00 | 53.37 4.30 0.00 | 85.28 5.05 -23.11 | 96.97 6.04 -21.95 | 82.25 6.06 -0.84 | 59.10 4.30 0.00 | 48.07 3.20 0.00 | 38.77 2.40 -0.19 | 35.31 2.16 -0.51 | 35.70 2.12 -0.34 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|---------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 28.28 1.77 0.00 | 25.65 1.55 0.00 | 24.98 1.36 0.00 | 22.92 1.26 0.00 | 21.25 1.18 0.00 | 52.64 0.91 -37.47 | 119.43 1.33 -95.89 | 50.97 1.92 -16.83 | 36.12 1.49 -9.29 | 36.03 1.93 -0.26 | 38.21 2.22 -0.08 | 54.45 3.41 0.00 | 44.48 3.01 0.00 | 38.82 2.81 -0.02 | 39.40 3.01 0.00 | 53.37 4.30 0.00 | 85.28 5.05 -23.11 | 96.97 6.04 -21.95 | 82.25 6.06 -0.84 | 59.10 4.30 0.00 | 48.07 3.20 0.00 | 38.77 2.40 -0.19 | 35.31 2.16 -0.51 | 35.70 2.12 -0.34 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 28.24 1.73 0.00 | 25.61 1.51 0.00 | 24.96 1.34 0.00 | 22.90 1.23 0.00 | 21.23 1.16 0.00 | 30.25 0.88 -15.10 | 62.13 1.28 -38.65 | 40.84 1.85 -6.78 | 30.53 1.43 -3.77 | 35.79 1.84 -0.10 | 38.07 2.09 -0.08 | 54.23 3.19 0.00 | 44.28 2.82 0.00 | 38.61 2.63 0.01 | 39.28 2.88 0.00 | 53.16 4.09 0.00 | 77.90 4.88 -15.90 | 88.04 5.82 -13.25 | 81.03 5.91 0.24 | 59.05 4.25 0.00 | 48.07 3.19 0.00 | 38.50 2.37 0.06 | 34.58 2.09 0.15 | 35.18 2.03 0.10 |
| POLETTI____ 23519 | 28.37 1.87 0.00 | 25.72 1.62 0.00 | 25.05 1.44 0.00 | 23.00 1.34 0.00 | 21.33 1.27 0.00 | 56.22 0.97 -40.98 | 128.49 1.41 -104.87 | 52.68 2.06 -18.40 | 37.06 1.55 -10.18 | 36.08 1.96 -0.28 | 38.21 2.23 -0.08 | 54.45 3.42 0.00 | 44.50 3.03 0.00 | 38.87 2.87 -0.02 | 39.52 3.12 0.00 | 53.54 4.47 0.00 | 87.40 5.20 -25.08 | 98.88 6.26 -23.64 | 82.46 6.28 -0.83 | 59.23 4.43 0.00 | 48.16 3.29 0.00 | 38.84 2.47 -0.19 | 35.40 2.26 -0.51 | 35.83 2.26 -0.33 |
| POMONA____ESR 323819 | 28.13 1.62 0.00 | 25.50 1.40 0.00 | 24.84 1.22 0.00 | 22.79 1.12 0.00 | 21.13 1.06 0.00 | -28.74 0.81 43.82 | -88.75 1.19 112.15 | 14.26 1.73 19.68 | 15.91 1.32 10.74 | 35.22 1.68 0.30 | 37.95 1.96 -0.08 | 54.12 3.09 0.00 | 44.24 2.77 0.00 | 38.60 2.59 -0.02 | 39.25 2.86 0.00 | 53.20 4.13 0.00 | 99.09 4.91 -37.06 | 108.81 5.95 -33.87 | 82.01 5.90 -0.75 | 58.98 4.18 0.00 | 47.93 3.06 0.00 | 38.64 2.28 -0.17 | 35.15 2.05 -0.46 | 35.55 2.01 -0.30 |
| PORT_JEFF_3 23555 | 29.94 2.64 -0.78 | 27.27 2.46 -0.71 | 25.86 2.24 0.00 | 23.66 2.00 0.00 | 21.92 1.85 0.00 | 56.47 1.36 -40.84 | 142.29 1.75 -118.33 | 172.43 2.10 -138.12 | 43.81 2.26 -16.22 | 45.59 2.88 -8.86 | 41.55 2.75 -2.89 | 62.31 4.35 -6.92 | 323.24 3.56 -278.22 | 251.58 3.15 -212.44 | 153.58 3.82 -113.37 | 233.94 5.70 -179.16 | 89.74 6.46 -26.17 | 170.73 7.88 -93.88 | 203.75 8.12 -120.27 | 79.02 5.73 -18.49 | 232.74 4.56 -183.31 | 42.61 3.51 -2.92 | 36.24 3.09 -0.51 | 36.61 3.04 -0.33 |
| PORT_JEFF_4 23616 | 29.94 2.64 -0.78 | 27.27 2.46 -0.71 | 25.86 2.24 0.00 | 23.66 2.00 0.00 | 21.92 1.85 0.00 | 56.47 1.36 -40.84 | 142.29 1.75 -118.33 | 172.43 2.10 -138.12 | 43.81 2.26 -16.22 | 45.59 2.88 -8.86 | 41.55 2.75 -2.89 | 62.31 4.35 -6.92 | 323.24 3.56 -278.22 | 251.58 3.15 -212.44 | 153.58 3.82 -113.37 | 233.94 5.70 -179.16 | 89.74 6.46 -26.17 | 170.73 7.88 -93.88 | 203.75 8.12 -120.27 | 79.02 5.73 -18.49 | 232.74 4.56 -183.31 | 42.61 3.51 -2.92 | 36.24 3.09 -0.51 | 36.61 3.04 -0.33 |
| PORT_JEFF_IC 23713 | 29.99 2.70 -0.78 | 27.31 2.51 -0.71 | 25.90 2.28 0.00 | 23.70 2.03 0.00 | 21.95 1.88 0.00 | 56.49 1.38 -40.84 | 142.32 1.79 -118.33 | 172.47 2.14 -138.12 | 43.77 2.21 -16.22 | 45.58 2.87 -8.86 | 41.55 2.75 -2.89 | 62.36 4.40 -6.92 | 323.22 3.54 -278.22 | 251.61 3.18 -212.44 | 153.63 3.87 -113.37 | 236.66 5.71 -181.87 | 89.75 6.47 -26.17 | 180.32 7.90 -103.45 | 220.64 8.13 -137.15 | 79.09 5.73 -18.56 | 232.73 4.55 -183.31 | 42.71 3.61 -2.92 | 36.33 3.18 -0.51 | 36.69 3.11 -0.33 |
| PPL PILGRIM_ST_GT1 24216 | 30.02 2.73 -0.78 | 27.30 2.50 -0.71 | 25.88 2.26 0.00 | 23.67 2.00 0.00 | 21.94 1.87 0.00 | 56.51 1.39 -40.84 | 142.42 1.88 -118.33 | 172.85 2.52 -138.12 | 43.93 2.37 -16.22 | 45.72 3.02 -8.86 | 41.55 2.74 -2.89 | 62.25 4.29 -6.92 | 323.40 3.72 -278.22 | 251.73 3.30 -212.45 | 153.84 4.06 -113.38 | 219.89 5.62 -165.19 | 89.53 6.25 -26.16 | 118.62 7.72 -41.92 | 111.78 7.86 -28.56 | 79.08 5.59 -18.68 | 232.76 4.58 -183.32 | 42.69 3.58 -2.93 | 36.31 3.17 -0.51 | 36.69 3.11 -0.33 |
| PPL PILGRIM_ST_GT2 24217 | 30.02 2.73 -0.78 | 27.30 2.50 -0.71 | 25.88 2.26 0.00 | 23.67 2.00 0.00 | 21.94 1.87 0.00 | 56.51 1.39 -40.84 | 142.42 1.88 -118.33 | 172.85 2.52 -138.12 | 43.93 2.37 -16.22 | 45.72 3.02 -8.86 | 41.55 2.74 -2.89 | 62.25 4.29 -6.92 | 323.40 3.72 -278.22 | 251.73 3.30 -212.45 | 153.84 4.06 -113.38 | 219.89 5.62 -165.19 | 89.53 6.25 -26.16 | 118.62 7.72 -41.92 | 111.78 7.86 -28.56 | 79.08 5.59 -18.68 | 232.76 4.58 -183.32 | 42.69 3.58 -2.93 | 36.31 3.17 -0.51 | 36.69 3.11 -0.33 |
| PPL_SHRM_GT3 24213 | 29.74 2.45 -0.78 | 27.18 2.37 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.08 1.54 -118.33 | 171.94 1.61 -138.12 | 43.80 2.25 -16.22 | 45.43 2.72 -8.86 | 41.40 2.60 -2.89 | 62.06 4.10 -6.92 | 322.51 2.83 -278.22 | 251.01 2.58 -212.44 | 153.41 3.65 -113.37 | 234.22 5.64 -179.50 | 89.30 6.02 -26.17 | 171.30 7.25 -95.07 | 205.75 8.03 -122.36 | 79.04 5.73 -18.50 | 232.70 4.52 -183.31 | 42.44 3.34 -2.92 | 36.05 2.90 -0.51 | 36.40 2.82 -0.33 |
| PPL_SHRM_GT4 24214 | 29.74 2.45 -0.78 | 27.18 2.37 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.08 1.54 -118.33 | 171.94 1.61 -138.12 | 43.80 2.25 -16.22 | 45.43 2.72 -8.86 | 41.40 2.60 -2.89 | 62.06 4.10 -6.92 | 322.51 2.83 -278.22 | 251.01 2.58 -212.44 | 153.41 3.65 -113.37 | 234.22 5.64 -179.50 | 89.30 6.02 -26.17 | 171.30 7.25 -95.07 | 205.75 8.03 -122.36 | 79.04 5.73 -18.50 | 232.70 4.52 -183.31 | 42.44 3.34 -2.92 | 36.05 2.90 -0.51 | 36.40 2.82 -0.33 |
| PROJECT___ORANGE 1 24174 | 26.30 -0.21 0.00 | 23.90 -0.19 0.00 | 23.37 -0.24 0.00 | 21.41 -0.25 0.00 | 19.85 -0.22 0.00 | 14.12 -0.15 0.00 | 22.11 -0.10 0.00 | 32.01 -0.20 0.00 | 25.28 -0.14 -0.09 | 33.68 -0.16 0.00 | 35.90 -0.14 -0.13 | 50.90 -0.14 0.00 | 41.28 -0.19 0.00 | 35.77 -0.21 0.00 | 36.01 -0.38 0.00 | 48.61 -0.47 0.00 | 56.65 -0.47 0.00 | 68.34 -0.63 0.00 | 74.67 -0.69 0.00 | 54.30 -0.50 0.00 | 44.37 -0.50 0.00 | 35.87 -0.31 0.00 | 32.46 -0.18 0.00 | 33.06 -0.19 0.00 |
| PROJECT___ORANGE 2 24166 | 26.30 -0.21 0.00 | 23.90 -0.19 0.00 | 23.37 -0.24 0.00 | 21.41 -0.25 0.00 | 19.85 -0.22 0.00 | 14.12 -0.15 0.00 | 22.11 -0.10 0.00 | 32.01 -0.20 0.00 | 25.28 -0.14 -0.09 | 33.68 -0.16 0.00 | 35.90 -0.14 -0.13 | 50.90 -0.14 0.00 | 41.28 -0.19 0.00 | 35.77 -0.21 0.00 | 36.01 -0.38 0.00 | 48.61 -0.47 0.00 | 56.65 -0.47 0.00 | 68.34 -0.63 0.00 | 74.67 -0.69 0.00 | 54.30 -0.50 0.00 | 44.37 -0.50 0.00 | 35.87 -0.31 0.00 | 32.46 -0.18 0.00 | 33.06 -0.19 0.00 |
| PUCKETT___SOLAR 323809 | 27.17 0.66 0.00 | 24.67 0.57 0.00 | 24.08 0.46 0.00 | 22.05 0.38 0.00 | 20.45 0.37 0.00 | 14.59 0.33 0.00 | 22.88 0.68 0.00 | 33.12 0.91 0.00 | 26.53 0.89 -0.31 | 34.92 1.08 0.00 | 37.48 1.11 -0.46 | 52.49 1.46 0.00 | 42.53 1.06 0.00 | 36.99 1.01 0.00 | 37.23 0.83 0.00 | 50.27 1.19 0.00 | 58.65 1.53 0.00 | 70.64 1.67 0.00 | 77.25 1.90 0.00 | 56.33 1.53 0.00 | 46.06 1.19 0.00 | 37.23 1.05 0.00 | 33.62 0.98 0.00 | 34.17 0.93 0.00 |
| PYRITES___HYD 24023 | 26.31 -0.20 0.00 | 23.83 -0.26 0.00 | 23.45 -0.17 0.00 | 21.56 -0.11 0.00 | 19.93 -0.14 0.00 | 14.16 -0.11 0.00 | 22.12 -0.09 0.00 | 32.25 0.03 0.00 | 25.38 -0.01 -0.05 | 33.97 0.13 0.00 | 36.05 0.07 -0.08 | 51.12 0.08 0.00 | 41.49 0.03 0.00 | 35.91 -0.07 0.00 | 36.19 -0.20 0.00 | 48.40 -0.67 0.00 | 56.35 -0.77 0.00 | 68.58 -0.40 0.00 | 75.50 0.14 0.00 | 54.84 0.04 0.00 | 45.02 0.14 0.00 | 36.32 0.14 0.00 | 32.58 -0.06 0.00 | 33.14 -0.10 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| QUAKERRD_115KV_BK1 80622 | 25.83 -0.68 0.00 | 23.55 -0.55 0.00 | 23.06 -0.56 0.00 | 21.10 -0.56 0.00 | 19.54 -0.53 0.00 | 13.82 -0.45 0.00 | 21.75 -0.45 0.00 | 31.43 -0.79 0.00 | 24.83 -0.51 0.00 | 33.34 -0.50 0.00 | 35.24 -0.67 0.00 | 49.91 -1.13 0.00 | 40.35 -1.11 0.00 | 34.94 -1.04 0.00 | 34.94 -1.46 0.00 | 47.16 -1.91 0.00 | 55.01 -2.11 0.00 | 66.55 -2.43 0.00 | 72.87 -2.48 0.00 | 52.98 -1.82 0.00 | 43.30 -1.58 0.00 | 35.15 -1.03 0.00 | 31.96 -0.69 0.00 | 32.63 -0.62 0.00 |
| QUENSBRY_115KV_TB8 356137 | 28.31 1.80 0.00 | 25.67 1.58 0.00 | 25.07 1.45 0.00 | 22.92 1.25 0.00 | 21.24 1.16 0.00 | 26.38 0.86 -11.26 | 52.30 1.28 -28.81 | 39.13 1.86 -5.06 | 29.49 1.38 -2.78 | 35.60 1.68 -0.08 | 37.72 1.81 0.00 | 53.73 2.70 0.00 | 43.79 2.32 0.00 | 38.02 2.06 0.03 | 38.65 2.25 0.00 | 52.42 3.34 0.00 | 71.06 3.72 -10.22 | 79.96 4.33 -6.65 | 79.15 4.77 0.98 | 58.25 3.45 0.00 | 47.77 2.90 0.00 | 38.25 2.30 0.22 | 33.91 1.86 0.60 | 34.64 1.79 0.39 |
| RAMAPO___LBMP 323565 | 28.02 1.51 0.00 | 25.40 1.30 0.00 | 24.75 1.13 0.00 | 22.70 1.04 0.00 | 21.05 0.98 0.00 | -27.84 0.75 42.86 | -86.37 1.10 109.68 | 14.57 1.60 19.25 | 16.04 1.21 10.50 | 35.07 1.52 0.29 | 37.76 1.77 -0.08 | 53.82 2.78 0.00 | 43.99 2.52 0.00 | 38.36 2.36 -0.02 | 39.00 2.61 0.00 | 52.88 3.81 0.00 | 94.08 4.52 -32.43 | 104.31 5.50 -29.84 | 81.51 5.41 -0.75 | 58.63 3.83 0.00 | 47.68 2.80 0.00 | 38.44 2.08 -0.17 | 34.98 1.88 -0.46 | 35.39 1.85 -0.30 |
| RANKINE____ 23646 | 26.35 -0.16 0.00 | 24.14 0.04 0.00 | 23.67 0.05 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.11 -0.16 0.00 | 22.39 0.19 0.00 | 32.19 -0.03 0.00 | 25.50 0.17 0.00 | 34.43 0.59 0.00 | 36.22 0.32 0.00 | 51.13 0.09 0.00 | 41.03 -0.43 0.00 | 35.45 -0.53 0.00 | 35.08 -1.31 0.01 | 39.94 -1.49 7.64 | 46.97 -1.40 8.75 | 67.15 -1.82 0.00 | 73.54 -1.82 0.00 | 53.60 -1.20 0.00 | 43.82 -1.05 0.00 | 35.88 -0.30 0.00 | 32.88 0.24 0.00 | 33.70 0.45 0.00 |
| RAVENSWOOD_GT2_1 24244 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.53 3.49 0.00 | 44.58 3.11 0.00 | 38.93 2.92 -0.02 | 39.57 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.28 -25.08 | 98.97 6.35 -23.64 | 82.55 6.37 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT2_2 24245 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.53 3.49 0.00 | 44.58 3.11 0.00 | 38.93 2.92 -0.02 | 39.57 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.28 -25.08 | 98.97 6.35 -23.64 | 82.55 6.37 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT2_3 24246 | 28.44 1.93 0.00 | 25.77 1.67 0.00 | 25.10 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.53 1.46 -104.85 | 52.75 2.13 -18.40 | 37.13 1.62 -10.18 | 36.18 2.05 -0.28 | 38.30 2.32 -0.08 | 54.57 3.54 0.00 | 44.61 3.15 0.00 | 38.96 2.95 -0.02 | 39.60 3.21 0.00 | 53.64 4.57 0.00 | 87.52 5.33 -25.08 | 99.02 6.40 -23.64 | 82.61 6.43 -0.83 | 59.35 4.55 0.00 | 48.26 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 35.91 2.33 -0.33 |
| RAVENSWOOD_GT2_4 24247 | 28.44 1.93 0.00 | 25.77 1.67 0.00 | 25.10 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.53 1.46 -104.85 | 52.75 2.13 -18.40 | 37.13 1.62 -10.18 | 36.18 2.05 -0.28 | 38.30 2.32 -0.08 | 54.57 3.54 0.00 | 44.61 3.15 0.00 | 38.96 2.95 -0.02 | 39.60 3.21 0.00 | 53.64 4.57 0.00 | 87.52 5.33 -25.08 | 99.02 6.40 -23.64 | 82.61 6.43 -0.83 | 59.35 4.55 0.00 | 48.26 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 35.91 2.33 -0.33 |
| RAVENSWOOD_GT3_1 24248 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.53 3.50 0.00 | 44.58 3.11 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.28 -25.08 | 98.97 6.35 -23.64 | 82.54 6.36 -0.83 | 59.31 4.51 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT3_2 24249 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.53 3.50 0.00 | 44.58 3.11 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.28 -25.08 | 98.97 6.35 -23.64 | 82.54 6.36 -0.83 | 59.31 4.51 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT3_3 24250 | 28.47 1.96 0.00 | 25.80 1.70 0.00 | 25.13 1.51 0.00 | 23.06 1.40 0.00 | 21.39 1.32 0.00 | 56.26 1.02 -40.97 | 128.56 1.49 -104.85 | 52.79 2.18 -18.40 | 37.17 1.66 -10.18 | 36.23 2.10 -0.28 | 38.37 2.38 -0.08 | 54.67 3.63 0.00 | 44.68 3.21 0.00 | 39.02 3.02 -0.02 | 39.66 3.27 0.00 | 53.73 4.66 0.00 | 87.61 5.42 -25.08 | 99.14 6.53 -23.64 | 82.74 6.56 -0.83 | 59.44 4.64 0.00 | 48.34 3.47 0.00 | 38.99 2.61 -0.19 | 35.54 2.39 -0.51 | 35.96 2.38 -0.33 |
| RAVENSWOOD_GT3_4 24251 | 28.47 1.96 0.00 | 25.80 1.70 0.00 | 25.13 1.51 0.00 | 23.06 1.40 0.00 | 21.39 1.32 0.00 | 56.26 1.02 -40.97 | 128.56 1.49 -104.85 | 52.79 2.18 -18.40 | 37.17 1.66 -10.18 | 36.23 2.10 -0.28 | 38.37 2.38 -0.08 | 54.67 3.63 0.00 | 44.68 3.21 0.00 | 39.02 3.02 -0.02 | 39.66 3.27 0.00 | 53.73 4.66 0.00 | 87.61 5.42 -25.08 | 99.14 6.53 -23.64 | 82.74 6.56 -0.83 | 59.44 4.64 0.00 | 48.34 3.47 0.00 | 38.99 2.61 -0.19 | 35.54 2.39 -0.51 | 35.96 2.38 -0.33 |
| RAVENSWOOD_GT_1 23729 | 28.44 1.93 0.00 | 25.78 1.68 0.00 | 25.11 1.49 0.00 | 23.04 1.37 0.00 | 21.37 1.30 0.00 | 56.27 1.03 -40.97 | 128.55 1.49 -104.85 | 52.80 2.18 -18.40 | 37.15 1.64 -10.18 | 36.21 2.09 -0.28 | 38.31 2.32 -0.08 | 54.53 3.49 0.00 | 44.62 3.15 0.00 | 38.97 2.96 -0.02 | 39.60 3.20 0.00 | 53.60 4.52 0.00 | 81.05 5.18 -18.74 | 93.52 6.25 -18.29 | 82.44 6.26 -0.83 | 59.24 4.44 0.00 | 48.18 3.31 0.00 | 38.88 2.51 -0.19 | 35.48 2.33 -0.51 | 38.14 2.36 -2.54 |
| RAVENSWOOD_GT_10 24258 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.23 0.99 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.54 3.50 0.00 | 44.58 3.11 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.53 0.00 | 87.48 5.29 -25.08 | 98.97 6.36 -23.64 | 82.56 6.38 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT_11 24259 | 28.41 1.90 0.00 | 25.76 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.44 -104.85 | 52.72 2.11 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.29 -0.08 | 54.54 3.50 0.00 | 44.58 3.12 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.52 0.00 | 87.48 5.28 -25.08 | 98.97 6.35 -23.64 | 82.57 6.38 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_4 24252 | 28.42 1.91 0.00 | 25.76 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.73 2.11 -18.40 | 37.12 1.61 -10.18 | 36.16 2.03 -0.28 | 38.30 2.31 -0.08 | 54.57 3.54 0.00 | 44.60 3.13 0.00 | 38.95 2.94 -0.02 | 39.59 3.20 0.00 | 53.64 4.57 0.00 | 82.72 5.34 -20.25 | 94.96 6.42 -19.56 | 82.62 6.43 -0.83 | 59.37 4.57 0.00 | 48.27 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 37.57 2.32 -2.01 |
| RAVENSWOOD_GT_5 24254 | 28.42 1.91 0.00 | 25.76 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.73 2.11 -18.40 | 37.12 1.61 -10.18 | 36.16 2.03 -0.28 | 38.30 2.31 -0.08 | 54.57 3.54 0.00 | 44.60 3.13 0.00 | 38.95 2.94 -0.02 | 39.59 3.20 0.00 | 53.64 4.57 0.00 | 82.72 5.34 -20.25 | 94.96 6.42 -19.56 | 82.62 6.43 -0.83 | 59.37 4.57 0.00 | 48.27 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 37.57 2.32 -2.01 |
| RAVENSWOOD_GT_6 24253 | 28.42 1.91 0.00 | 25.76 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.73 2.11 -18.40 | 37.12 1.61 -10.18 | 36.16 2.03 -0.28 | 38.30 2.31 -0.08 | 54.57 3.54 0.00 | 44.60 3.13 0.00 | 38.95 2.94 -0.02 | 39.59 3.20 0.00 | 53.64 4.57 0.00 | 82.72 5.34 -20.25 | 94.96 6.42 -19.56 | 82.62 6.43 -0.83 | 59.37 4.57 0.00 | 48.27 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 37.57 2.32 -2.01 |
| RAVENSWOOD_GT_7 24255 | 28.42 1.91 0.00 | 25.76 1.67 0.00 | 25.09 1.47 0.00 | 23.03 1.37 0.00 | 21.36 1.29 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.73 2.11 -18.40 | 37.12 1.61 -10.18 | 36.16 2.03 -0.28 | 38.30 2.31 -0.08 | 54.57 3.54 0.00 | 44.60 3.13 0.00 | 38.95 2.94 -0.02 | 39.59 3.20 0.00 | 53.64 4.57 0.00 | 82.72 5.34 -20.25 | 94.96 6.42 -19.56 | 82.62 6.43 -0.83 | 59.37 4.57 0.00 | 48.27 3.40 0.00 | 38.93 2.55 -0.19 | 35.48 2.33 -0.51 | 37.57 2.32 -2.01 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.23 0.99 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.54 3.50 0.00 | 44.58 3.11 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.53 0.00 | 87.48 5.29 -25.08 | 98.97 6.36 -23.64 | 82.56 6.38 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD_GT_9 24257 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.23 0.99 -40.97 | 128.51 1.44 -104.85 | 52.72 2.10 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.28 2.30 -0.08 | 54.54 3.50 0.00 | 44.58 3.11 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.53 0.00 | 87.48 5.29 -25.08 | 98.97 6.36 -23.64 | 82.56 6.38 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD___1 23533 | 28.42 1.91 0.00 | 25.75 1.66 0.00 | 25.09 1.47 0.00 | 23.03 1.36 0.00 | 21.36 1.29 0.00 | 56.25 1.01 -40.97 | 128.53 1.47 -104.85 | 52.77 2.15 -18.40 | 37.13 1.62 -10.18 | 36.18 2.06 -0.28 | 38.27 2.28 -0.08 | 54.48 3.44 0.00 | 44.57 3.11 0.00 | 38.94 2.93 -0.02 | 39.57 3.17 0.00 | 53.55 4.48 0.00 | 72.01 5.13 -9.75 | 85.87 6.21 -10.69 | 82.38 6.21 -0.83 | 59.19 4.39 0.00 | 48.16 3.29 0.00 | 38.87 2.49 -0.19 | 35.46 2.31 -0.51 | 35.91 2.33 -0.33 |
| RAVENSWOOD___2 23534 | 28.35 1.84 0.00 | 25.70 1.61 0.00 | 25.03 1.41 0.00 | 22.97 1.31 0.00 | 21.30 1.23 0.00 | 56.22 0.98 -40.97 | 128.48 1.41 -104.85 | 52.68 2.06 -18.40 | 37.06 1.55 -10.18 | 36.08 1.96 -0.28 | 38.03 2.04 -0.08 | 54.02 2.98 0.00 | 44.21 2.74 0.00 | 38.61 2.61 -0.02 | 39.26 2.86 0.00 | 53.13 4.06 0.00 | 71.24 4.61 -9.51 | 85.05 5.60 -10.48 | 81.74 5.55 -0.83 | 58.72 3.92 0.00 | 47.77 2.90 0.00 | 38.55 2.18 -0.19 | 35.26 2.11 -0.51 | 35.81 2.23 -0.33 |
| RAVENSWOOD___3 23535 | 28.41 1.90 0.00 | 25.76 1.66 0.00 | 25.09 1.47 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.73 2.11 -18.40 | 37.11 1.60 -10.18 | 36.16 2.03 -0.28 | 38.28 2.29 -0.08 | 54.53 3.49 0.00 | 44.58 3.12 0.00 | 38.93 2.93 -0.02 | 39.58 3.18 0.00 | 53.60 4.52 0.00 | 87.47 5.27 -25.08 | 98.97 6.35 -23.64 | 82.55 6.37 -0.83 | 59.32 4.52 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.46 2.32 -0.51 | 35.89 2.31 -0.33 |
| RAVENSWOOD___4 23820 | 28.39 1.88 0.00 | 25.74 1.64 0.00 | 25.07 1.45 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.52 1.46 -104.85 | 52.75 2.13 -18.40 | 37.11 1.60 -10.18 | 36.15 2.03 -0.28 | 38.24 2.25 -0.08 | 54.42 3.39 0.00 | 44.53 3.07 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.52 4.44 0.00 | 62.86 5.10 -0.64 | 78.12 6.17 -2.98 | 82.33 6.15 -0.82 | 59.15 4.36 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.43 2.29 -0.51 | 33.72 2.32 1.84 |
| RCPL_TRUST___DRP 24196 | 28.41 1.90 0.00 | 25.74 1.65 0.00 | 25.08 1.46 0.00 | 23.01 1.35 0.00 | 21.34 1.28 0.00 | 56.24 0.99 -40.98 | 128.53 1.45 -104.88 | 52.73 2.11 -18.41 | 37.12 1.61 -10.18 | 36.17 2.05 -0.28 | 38.31 2.33 -0.08 | 54.59 3.55 0.00 | 44.60 3.13 0.00 | 38.98 2.97 -0.02 | 39.60 3.21 0.00 | 53.64 4.57 0.00 | 87.54 5.34 -25.08 | 98.98 6.37 -23.64 | 82.57 6.39 -0.83 | 59.31 4.51 0.00 | 48.23 3.36 0.00 | 38.90 2.53 -0.19 | 35.44 2.30 -0.51 | 35.88 2.31 -0.33 |
| RED___ROCHESTER 323720 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.18 0.00 | 20.21 0.14 0.00 | 14.27 0.00 0.00 | 22.51 0.30 0.00 | 32.48 0.26 0.00 | 25.70 0.36 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.02 -0.37 0.00 | 48.73 -0.35 0.00 | 56.90 -0.22 0.00 | 68.79 -0.18 0.00 | 75.30 -0.05 0.00 | 54.75 -0.05 0.00 | 44.74 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| REGAN___SOLAR 323812 | 29.14 2.63 0.00 | 26.40 2.30 0.00 | 25.85 2.23 0.00 | 23.76 2.10 0.00 | 21.99 1.92 0.00 | 24.72 1.44 -9.01 | 47.60 2.35 -23.05 | 39.66 3.40 -4.04 | 30.17 2.71 -2.13 | 38.12 4.23 -0.05 | 40.32 4.31 -0.11 | 57.35 6.31 0.00 | 45.95 4.49 0.00 | 39.33 3.37 0.02 | 39.34 2.94 0.00 | 53.61 4.53 0.00 | 71.23 5.83 -8.29 | 81.52 6.88 -5.67 | 83.68 9.00 0.67 | 61.31 6.51 0.00 | 50.31 5.44 0.00 | 40.37 4.34 0.16 | 36.06 3.83 0.41 | 36.79 3.81 0.27 |
| RENSSELAER___COGEN 23796 | 27.24 0.73 0.00 | 24.80 0.70 0.00 | 24.24 0.62 0.00 | 22.23 0.56 0.00 | 20.59 0.52 0.00 | 26.38 0.40 -11.72 | 52.73 0.54 -29.98 | 38.16 0.68 -5.26 | 28.67 0.45 -2.88 | 34.47 0.55 -0.08 | 36.57 0.66 0.00 | 52.03 1.00 0.00 | 42.42 0.95 0.00 | 36.89 0.93 0.02 | 37.49 1.10 0.00 | 50.55 1.48 0.00 | 69.62 1.72 -10.78 | 78.17 1.89 -7.31 | 76.31 1.86 0.90 | 56.14 1.34 0.00 | 45.91 1.04 0.00 | 36.69 0.71 0.21 | 32.67 0.59 0.55 | 33.42 0.54 0.36 |
| REPUBLIC_115KV_BARTNBRK 55605 | 29.90 3.39 0.00 | 27.03 2.93 0.00 | 26.30 2.67 0.00 | 23.79 2.13 0.00 | 22.03 1.96 0.00 | 26.95 1.40 -11.29 | 53.26 2.17 -28.88 | 40.49 3.20 -5.07 | 30.56 2.44 -2.78 | 37.08 3.16 -0.08 | 39.57 3.67 0.00 | 56.24 5.21 0.00 | 45.80 4.33 0.00 | 39.85 3.89 0.03 | 40.62 4.22 0.00 | 55.11 6.04 0.00 | 73.51 6.15 -10.24 | 83.08 7.46 -6.64 | 82.66 8.29 0.99 | 60.96 6.16 0.00 | 49.85 4.97 0.00 | 40.08 4.12 0.23 | 35.39 3.36 0.60 | 36.15 3.30 0.40 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| REVERE_CPDR_DRP 24186 | 27.25 0.75 0.00 | 24.70 0.61 0.00 | 24.15 0.53 0.00 | 22.18 0.51 0.00 | 20.53 0.45 0.00 | 14.66 0.39 0.00 | 23.04 0.83 0.00 | 33.42 1.21 0.00 | 26.36 0.96 -0.06 | 35.31 1.47 0.00 | 37.60 1.60 -0.10 | 53.31 2.27 0.00 | 43.21 1.74 0.00 | 37.45 1.47 0.00 | 37.80 1.40 0.00 | 50.82 1.75 0.00 | 59.19 2.08 0.00 | 71.23 2.25 0.00 | 77.85 2.49 0.00 | 56.83 2.03 0.00 | 46.45 1.58 0.00 | 37.56 1.38 0.00 | 33.80 1.17 0.00 | 34.35 1.11 0.00 |
| REYNOLDS_115KV_TB3 80639 | 27.44 0.93 0.00 | 25.00 0.90 0.00 | 24.44 0.82 0.00 | 22.42 0.76 0.00 | 20.77 0.69 0.00 | 26.94 0.53 -12.14 | 53.99 0.71 -31.07 | 38.58 0.91 -5.45 | 28.94 0.62 -2.99 | 34.69 0.76 -0.08 | 36.77 0.87 0.00 | 52.34 1.30 0.00 | 42.65 1.18 0.00 | 37.06 1.10 0.03 | 37.68 1.29 0.00 | 50.85 1.78 0.00 | 70.09 2.04 -10.92 | 78.26 2.22 -7.06 | 76.52 2.23 1.06 | 56.42 1.62 0.00 | 46.14 1.27 0.00 | 36.84 0.91 0.25 | 32.75 0.76 0.65 | 33.54 0.73 0.43 |
| RIVERBAY____ 323610 | 28.50 1.99 0.00 | 25.87 1.78 0.00 | 25.22 1.60 0.00 | 23.15 1.49 0.00 | 21.45 1.38 0.00 | 56.34 1.10 -40.97 | 128.65 1.59 -104.85 | 52.90 2.28 -18.40 | 37.18 1.67 -10.18 | 36.28 2.16 -0.28 | 38.49 2.50 -0.08 | 54.73 3.70 0.00 | 44.93 3.46 0.00 | 39.15 3.14 -0.02 | 39.74 3.34 0.00 | 53.67 4.59 0.00 | 87.59 5.40 -25.07 | 99.21 6.60 -23.64 | 82.68 6.50 -0.83 | 59.49 4.69 0.00 | 48.39 3.52 0.00 | 39.02 2.65 -0.19 | 35.56 2.42 -0.51 | 35.97 2.40 -0.33 |
| RIVERSIDE_115KV_TB3 55908 | 27.38 0.87 0.00 | 24.92 0.83 0.00 | 24.36 0.74 0.00 | 22.34 0.68 0.00 | 20.70 0.63 0.00 | 26.64 0.48 -11.89 | 53.30 0.65 -30.44 | 38.40 0.85 -5.34 | 28.84 0.58 -2.93 | 34.64 0.71 -0.08 | 36.74 0.84 0.00 | 52.29 1.26 0.00 | 42.63 1.16 0.00 | 37.06 1.10 0.03 | 37.67 1.27 0.00 | 50.81 1.74 0.00 | 69.93 2.02 -10.79 | 78.34 2.22 -7.14 | 76.56 2.19 0.98 | 56.38 1.58 0.00 | 46.12 1.24 0.00 | 36.84 0.88 0.23 | 32.76 0.72 0.60 | 33.53 0.68 0.40 |
| ROARING__BROOK_WT_PWR 323790 | 25.29 -1.22 0.00 | 23.20 -0.90 0.00 | 22.76 -0.86 0.00 | 21.08 -0.58 0.00 | 19.44 -0.64 0.00 | 13.80 -0.46 0.00 | 21.62 -0.58 0.00 | 31.85 -0.37 0.00 | 25.03 -0.30 0.00 | 33.49 -0.35 0.00 | 35.66 -0.24 0.00 | 50.72 -0.32 0.00 | 41.11 -0.36 0.00 | 35.46 -0.53 0.00 | 35.76 -0.64 0.00 | 48.06 -1.01 0.00 | 55.58 -1.54 0.00 | 66.64 -2.34 0.00 | 73.20 -2.15 0.00 | 53.34 -1.46 0.00 | 43.93 -0.94 0.00 | 35.76 -0.42 0.00 | 32.35 -0.29 0.00 | 33.04 -0.20 0.00 |
| ROCHESRG_115KV_T4 355643 | 26.39 -0.12 0.00 | 24.08 -0.01 0.00 | 23.59 -0.03 0.00 | 21.59 -0.08 0.00 | 19.98 -0.09 0.00 | 14.11 -0.16 0.00 | 22.24 0.04 0.00 | 32.08 -0.13 0.00 | 25.35 0.02 0.00 | 34.09 0.25 0.00 | 35.96 0.05 0.00 | 50.89 -0.15 0.00 | 41.09 -0.38 0.00 | 35.57 -0.41 0.00 | 35.49 -0.91 0.00 | 46.95 -1.13 0.99 | 55.75 -1.15 0.22 | 67.67 -1.30 0.00 | 74.09 -1.26 0.00 | 53.91 -0.89 0.00 | 44.08 -0.79 0.00 | 35.86 -0.32 0.00 | 32.67 0.03 0.00 | 33.39 0.14 0.00 |
| ROCHESTER_9_IC 23652 | 26.58 0.07 0.00 | 24.25 0.15 0.00 | 23.74 0.12 0.00 | 21.72 0.06 0.00 | 20.11 0.04 0.00 | 14.19 -0.07 0.00 | 22.39 0.18 0.00 | 32.30 0.08 0.00 | 25.54 0.21 0.00 | 34.35 0.50 0.00 | 36.24 0.34 0.00 | 51.27 0.24 0.00 | 41.41 -0.06 0.00 | 35.86 -0.13 0.00 | 35.77 -0.63 0.00 | 48.34 -0.73 0.00 | 56.45 -0.67 0.00 | 68.24 -0.73 0.00 | 74.76 -0.60 0.00 | 54.36 -0.44 0.00 | 44.43 -0.45 0.00 | 36.13 -0.05 0.00 | 32.91 0.27 0.00 | 33.61 0.36 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 28.47 1.96 0.00 | 25.79 1.70 0.00 | 25.12 1.50 0.00 | 23.05 1.38 0.00 | 21.38 1.31 0.00 | 56.23 1.00 -40.96 | 128.51 1.49 -104.82 | 52.76 2.15 -18.40 | 37.12 1.65 -10.14 | 36.24 2.12 -0.28 | 38.37 2.39 -0.08 | 54.67 3.63 0.00 | 44.68 3.22 0.00 | 39.01 3.00 -0.02 | 39.67 3.27 0.00 | 53.74 4.66 0.00 | 87.65 5.46 -25.07 | 99.18 6.57 -23.63 | 82.82 6.63 -0.83 | 59.50 4.70 0.00 | 48.40 3.53 0.00 | 39.04 2.66 -0.19 | 35.55 2.41 -0.51 | 35.96 2.39 -0.33 |
| ROME____115KV_TB2 80656 | 27.25 0.75 0.00 | 24.70 0.61 0.00 | 24.15 0.53 0.00 | 22.18 0.51 0.00 | 20.53 0.45 0.00 | 14.66 0.39 0.00 | 23.04 0.83 0.00 | 33.42 1.21 0.00 | 26.36 0.96 -0.06 | 35.31 1.47 0.00 | 37.60 1.60 -0.10 | 53.31 2.27 0.00 | 43.21 1.74 0.00 | 37.45 1.47 0.00 | 37.80 1.40 0.00 | 50.82 1.75 0.00 | 59.19 2.08 0.00 | 71.23 2.25 0.00 | 77.85 2.49 0.00 | 56.83 2.03 0.00 | 46.45 1.58 0.00 | 37.56 1.38 0.00 | 33.80 1.17 0.00 | 34.35 1.11 0.00 |
| ROSETON__1 23587 | 27.96 1.45 0.00 | 25.37 1.27 0.00 | 24.74 1.11 0.00 | 22.69 1.03 0.00 | 21.04 0.97 0.00 | -8.91 0.74 23.92 | -37.93 1.07 61.20 | 23.00 1.53 10.74 | 20.67 1.16 5.83 | 35.15 1.47 0.16 | 37.66 1.68 -0.08 | 53.62 2.59 0.00 | 43.79 2.32 0.00 | 38.17 2.16 -0.02 | 38.79 2.39 0.00 | 52.51 3.44 0.00 | 80.11 4.04 -18.95 | 91.94 4.81 -18.15 | 80.90 4.80 -0.75 | 58.23 3.42 0.00 | 47.43 2.55 0.00 | 38.25 1.89 -0.17 | 34.79 1.70 -0.46 | 35.22 1.68 -0.30 |
| ROSETON__2 23588 | 27.96 1.45 0.00 | 25.37 1.27 0.00 | 24.74 1.11 0.00 | 22.69 1.03 0.00 | 21.04 0.97 0.00 | -8.91 0.74 23.92 | -37.93 1.07 61.20 | 23.00 1.53 10.74 | 20.67 1.16 5.83 | 35.15 1.47 0.16 | 37.66 1.68 -0.08 | 53.62 2.59 0.00 | 43.79 2.32 0.00 | 38.17 2.16 -0.02 | 38.79 2.39 0.00 | 52.51 3.44 0.00 | 80.11 4.04 -18.95 | 91.94 4.81 -18.15 | 80.90 4.80 -0.75 | 58.23 3.42 0.00 | 47.43 2.55 0.00 | 38.25 1.89 -0.17 | 34.79 1.70 -0.46 | 35.22 1.68 -0.30 |
| ROTTDAM_115KV_TB3 80664 | 27.67 1.16 0.00 | 25.15 1.05 0.00 | 24.58 0.96 0.00 | 22.54 0.87 0.00 | 20.87 0.80 0.00 | 25.65 0.60 -10.78 | 50.70 0.89 -27.60 | 38.30 1.24 -4.85 | 28.91 0.92 -2.66 | 35.08 1.16 -0.07 | 37.19 1.29 0.00 | 52.92 1.88 0.00 | 43.15 1.69 0.00 | 37.50 1.54 0.02 | 38.02 1.62 0.00 | 51.33 2.25 0.00 | 69.72 2.68 -9.92 | 78.87 3.09 -6.81 | 77.77 3.21 0.79 | 57.15 2.35 0.00 | 46.73 1.87 0.00 | 37.43 1.43 0.18 | 33.39 1.23 0.49 | 34.12 1.19 0.32 |
| RUSSELL__1 23602 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| RUSSELL__2 23532 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| RUSSELL__3 23549 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| RUSSELL___4 23556 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| RUSSELL___STATION 23914 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| S SALMON___HYD 24043 | 26.00 -0.51 0.00 | 23.58 -0.52 0.00 | 23.04 -0.57 0.00 | 21.23 -0.43 0.00 | 19.62 -0.45 0.00 | 14.02 -0.24 0.00 | 22.12 -0.09 0.00 | 32.04 -0.17 0.00 | 25.64 -0.10 -0.41 | 33.79 -0.05 0.00 | 36.37 -0.15 -0.61 | 50.72 -0.31 0.00 | 41.08 -0.39 0.00 | 35.39 -0.59 0.00 | 35.50 -0.90 0.00 | 48.09 -0.98 0.00 | 56.07 -1.05 0.00 | 67.85 -1.13 0.00 | 74.64 -0.72 0.00 | 54.29 -0.50 0.00 | 44.37 -0.50 0.00 | 35.93 -0.25 0.00 | 32.43 -0.22 0.00 | 32.99 -0.25 0.00 |
| S.PERRY___115KV_TB1 80734 | 26.94 0.43 0.00 | 24.58 0.49 0.00 | 24.14 0.52 0.00 | 22.11 0.44 0.00 | 20.45 0.38 0.00 | 14.48 0.22 0.00 | 22.98 0.77 0.00 | 33.14 0.93 0.00 | 26.29 0.86 -0.08 | 35.17 1.32 0.00 | 37.27 1.24 -0.13 | 52.37 1.33 0.00 | 41.83 0.37 0.00 | 36.19 0.21 0.00 | 35.87 -0.55 -0.03 | 74.43 -0.62 -25.97 | 86.60 -0.31 -29.80 | 68.89 -0.08 0.00 | 75.72 0.36 0.00 | 55.60 0.80 0.00 | 45.68 0.81 0.00 | 37.38 1.19 0.00 | 33.91 1.27 0.00 | 34.61 1.37 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 26.17 -0.34 0.00 | 23.99 -0.11 0.00 | 23.54 -0.09 0.00 | 21.55 -0.11 0.00 | 19.93 -0.14 0.00 | 13.99 -0.27 0.00 | 22.20 -0.01 0.00 | 31.87 -0.35 0.00 | 25.21 -0.12 0.00 | 34.06 0.21 0.00 | 35.77 -0.14 0.00 | 50.46 -0.58 0.00 | 40.52 -0.95 0.00 | 35.03 -0.96 0.00 | 34.63 -1.76 0.01 | 39.56 -2.18 7.33 | 46.51 -2.22 8.39 | 66.22 -2.75 0.00 | 72.54 -2.81 0.00 | 52.87 -1.93 0.00 | 43.24 -1.64 0.00 | 35.42 -0.76 0.00 | 32.54 -0.10 0.00 | 33.40 0.15 0.00 |
| SAWYER___23_KV_LOAD 55526 | 26.17 -0.34 0.00 | 23.99 -0.11 0.00 | 23.54 -0.09 0.00 | 21.55 -0.11 0.00 | 19.93 -0.14 0.00 | 13.99 -0.27 0.00 | 22.20 -0.01 0.00 | 31.87 -0.35 0.00 | 25.21 -0.12 0.00 | 34.06 0.21 0.00 | 35.77 -0.14 0.00 | 50.46 -0.58 0.00 | 40.52 -0.95 0.00 | 35.03 -0.96 0.00 | 34.63 -1.76 0.01 | 39.56 -2.18 7.33 | 46.51 -2.22 8.39 | 66.22 -2.75 0.00 | 72.54 -2.81 0.00 | 52.87 -1.93 0.00 | 43.24 -1.64 0.00 | 35.42 -0.76 0.00 | 32.54 -0.10 0.00 | 33.40 0.15 0.00 |
| SELKIRK___I 23801 | 27.45 0.95 0.00 | 24.99 0.90 0.00 | 24.43 0.81 0.00 | 22.40 0.74 0.00 | 20.75 0.68 0.00 | 25.23 0.52 -10.45 | 49.69 0.74 -26.74 | 37.88 0.97 -4.69 | 28.60 0.69 -2.57 | 34.80 0.88 -0.07 | 36.90 1.00 0.00 | 52.44 1.40 0.00 | 42.73 1.26 0.00 | 37.18 1.21 0.02 | 37.72 1.33 0.00 | 50.85 1.78 0.00 | 69.84 2.10 -10.62 | 79.19 2.37 -7.85 | 77.15 2.39 0.60 | 56.56 1.76 0.00 | 46.30 1.43 0.00 | 37.11 1.07 0.14 | 33.18 0.91 0.37 | 33.87 0.87 0.24 |
| SELKIRK___II 23799 | 27.34 0.83 0.00 | 24.87 0.78 0.00 | 24.31 0.69 0.00 | 22.29 0.63 0.00 | 20.65 0.58 0.00 | 25.93 0.45 -11.22 | 51.54 0.62 -28.71 | 38.06 0.81 -5.04 | 28.66 0.56 -2.76 | 34.63 0.70 -0.08 | 36.72 0.82 0.00 | 52.23 1.20 0.00 | 42.57 1.10 0.00 | 37.03 1.07 0.02 | 37.61 1.21 0.00 | 50.71 1.64 0.00 | 69.69 1.93 -10.64 | 78.81 2.18 -7.66 | 76.83 2.17 0.70 | 56.37 1.57 0.00 | 46.10 1.23 0.00 | 36.91 0.89 0.16 | 32.97 0.75 0.43 | 33.69 0.72 0.28 |
| SENECA OSWGO___HYD 24041 | 26.07 -0.44 0.00 | 23.70 -0.40 0.00 | 23.18 -0.44 0.00 | 21.25 -0.41 0.00 | 19.70 -0.37 0.00 | 14.01 -0.26 0.00 | 21.92 -0.29 0.00 | 31.74 -0.48 0.00 | 25.59 -0.33 -0.59 | 33.43 -0.41 0.00 | 36.37 -0.41 -0.88 | 50.39 -0.64 0.00 | 40.89 -0.58 0.00 | 35.45 -0.54 0.00 | 35.72 -0.67 0.00 | 48.17 -0.90 0.00 | 56.14 -0.98 0.00 | 67.79 -1.18 0.00 | 74.10 -1.25 0.00 | 53.92 -0.87 0.00 | 44.11 -0.76 0.00 | 35.64 -0.55 0.00 | 32.21 -0.43 0.00 | 32.81 -0.43 0.00 |
| SENECA___115KV_TB3 355854 | 26.40 -0.11 0.00 | 24.18 0.08 0.00 | 23.71 0.09 0.00 | 21.72 0.06 0.00 | 20.09 0.02 0.00 | 14.13 -0.13 0.00 | 22.43 0.23 0.00 | 32.24 0.02 0.00 | 25.54 0.21 0.00 | 34.50 0.66 0.00 | 36.29 0.39 0.00 | 51.23 0.19 0.00 | 41.12 -0.35 0.00 | 35.52 -0.46 0.00 | 35.16 -1.23 0.01 | 40.03 -1.39 7.64 | 47.08 -1.28 8.75 | 67.28 -1.69 0.00 | 73.68 -1.68 0.00 | 53.70 -1.10 0.00 | 43.90 -0.97 0.00 | 35.94 -0.24 0.00 | 32.93 0.29 0.00 | 33.76 0.51 0.00 |
| SENECA___ENERGY 23797 | 26.37 -0.14 0.00 | 23.98 -0.11 0.00 | 23.49 -0.13 0.00 | 21.53 -0.14 0.00 | 19.95 -0.12 0.00 | 14.19 -0.07 0.00 | 22.27 0.06 0.00 | 32.25 0.03 0.00 | 25.91 0.24 -0.34 | 34.26 0.42 0.00 | 36.74 0.33 -0.51 | 51.20 0.16 0.00 | 41.40 -0.06 0.00 | 35.91 -0.07 0.00 | 36.02 -0.37 0.00 | 50.40 -0.48 -1.81 | 58.76 -0.44 -2.08 | 68.42 -0.56 0.00 | 74.90 -0.46 0.00 | 54.58 -0.21 0.00 | 44.66 -0.21 0.00 | 36.11 -0.07 0.00 | 32.68 0.04 0.00 | 33.27 0.03 0.00 |
| SHOEMAKER___GT 23640 | 27.83 1.32 0.00 | 25.23 1.14 0.00 | 24.62 1.00 0.00 | 22.59 0.93 0.00 | 20.94 0.86 0.00 | -16.40 0.66 31.33 | -56.99 0.97 80.17 | 19.55 1.40 14.07 | 18.76 1.09 7.66 | 34.96 1.34 0.21 | 37.46 1.47 -0.09 | 53.32 2.29 0.00 | 43.54 2.07 0.00 | 37.91 1.91 -0.02 | 38.49 2.09 0.00 | 52.12 3.04 0.00 | -22.44 3.59 83.15 | 2.71 4.41 70.68 | 80.46 4.46 -0.65 | 57.99 3.19 0.00 | 47.28 2.41 0.00 | 38.14 1.81 -0.15 | 34.66 1.61 -0.40 | 35.08 1.58 -0.26 |
| SHOEMAKR_138KV_BK 111 55601 | 27.81 1.30 0.00 | 25.22 1.12 0.00 | 24.60 0.98 0.00 | 22.58 0.91 0.00 | 20.92 0.85 0.00 | -15.50 0.65 30.42 | -54.69 0.96 77.85 | 19.93 1.38 13.66 | 18.97 1.07 7.44 | 34.96 1.32 0.21 | 37.47 1.48 -0.09 | 53.33 2.30 0.00 | 43.54 2.08 0.00 | 37.93 1.93 -0.02 | 38.51 2.12 0.00 | 52.16 3.09 0.00 | -64.22 3.63 124.97 | -33.58 4.44 107.00 | 80.45 4.45 -0.64 | 57.99 3.19 0.00 | 47.25 2.38 0.00 | 38.11 1.77 -0.15 | 34.63 1.59 -0.39 | 35.06 1.56 -0.26 |
| SHOREHAM_IC_1 23715 | 29.74 2.45 -0.78 | 27.18 2.37 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.08 1.54 -118.33 | 171.94 1.61 -138.12 | 43.80 2.25 -16.22 | 45.43 2.72 -8.86 | 41.40 2.60 -2.89 | 62.06 4.10 -6.92 | 322.51 2.83 -278.22 | 251.01 2.58 -212.44 | 153.41 3.65 -113.37 | 234.22 5.64 -179.50 | 89.30 6.02 -26.17 | 171.30 7.25 -95.07 | 205.75 8.03 -122.36 | 79.04 5.73 -18.50 | 232.70 4.52 -183.31 | 42.44 3.34 -2.92 | 36.05 2.90 -0.51 | 36.40 2.82 -0.33 |
| SHOREHAM_IC_2 23716 | 29.74 2.45 -0.78 | 27.18 2.37 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.08 1.54 -118.33 | 171.94 1.61 -138.12 | 43.80 2.25 -16.22 | 45.43 2.72 -8.86 | 41.40 2.60 -2.89 | 62.06 4.10 -6.92 | 322.51 2.83 -278.22 | 251.01 2.58 -212.44 | 153.41 3.65 -113.37 | 234.22 5.64 -179.50 | 89.30 6.02 -26.17 | 171.30 7.25 -95.07 | 205.75 8.03 -122.36 | 79.04 5.73 -18.50 | 232.70 4.52 -183.31 | 42.44 3.34 -2.92 | 36.05 2.90 -0.51 | 36.40 2.82 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| SISSONVILLE____ 23735 | 25.71 -0.80 0.00 | 23.28 -0.82 0.00 | 22.90 -0.72 0.00 | 21.08 -0.59 0.00 | 19.47 -0.60 0.00 | 13.83 -0.44 0.00 | 21.61 -0.59 0.00 | 31.56 -0.65 0.00 | 24.87 -0.53 -0.06 | 33.23 -0.61 0.00 | 35.20 -0.80 -0.09 | 49.86 -1.17 0.00 | 40.41 -1.06 0.00 | 34.93 -1.06 0.00 | 35.20 -1.20 0.00 | 47.31 -1.76 0.00 | 55.08 -2.04 0.00 | 66.99 -1.98 0.00 | 73.83 -1.53 0.00 | 53.64 -1.16 0.00 | 44.07 -0.80 0.00 | 35.55 -0.64 0.00 | 31.90 -0.74 0.00 | 32.47 -0.77 0.00 |
| SITHE_IND_GS1 24169 | 25.66 -0.85 0.00 | 23.34 -0.76 0.00 | 22.84 -0.78 0.00 | 20.94 -0.73 0.00 | 19.41 -0.66 0.00 | 13.79 -0.48 0.00 | 21.55 -0.65 0.00 | 31.21 -1.00 0.00 | 22.73 -0.76 1.84 | 32.84 -1.00 0.00 | 32.09 -1.06 2.76 | 49.48 -1.55 0.00 | 40.17 -1.30 0.00 | 34.85 -1.13 0.00 | 35.13 -1.26 0.00 | 47.39 -1.69 0.00 | 55.22 -1.90 0.00 | 66.67 -2.31 0.00 | 72.84 -2.52 0.00 | 52.99 -1.81 0.00 | 43.34 -1.53 0.00 | 35.01 -1.18 0.00 | 31.65 -0.99 0.00 | 32.26 -0.98 0.00 |
| SITHE_IND_GS2 24170 | 25.66 -0.85 0.00 | 23.34 -0.76 0.00 | 22.84 -0.78 0.00 | 20.94 -0.73 0.00 | 19.41 -0.66 0.00 | 13.79 -0.48 0.00 | 21.55 -0.65 0.00 | 31.21 -1.00 0.00 | 22.73 -0.76 1.84 | 32.84 -1.00 0.00 | 32.09 -1.06 2.76 | 49.48 -1.55 0.00 | 40.17 -1.30 0.00 | 34.85 -1.13 0.00 | 35.13 -1.26 0.00 | 47.39 -1.69 0.00 | 55.22 -1.90 0.00 | 66.67 -2.31 0.00 | 72.84 -2.52 0.00 | 52.99 -1.81 0.00 | 43.34 -1.53 0.00 | 35.01 -1.18 0.00 | 31.65 -0.99 0.00 | 32.26 -0.98 0.00 |
| SITHE_IND_GS3 24171 | 25.66 -0.85 0.00 | 23.34 -0.76 0.00 | 22.84 -0.78 0.00 | 20.94 -0.73 0.00 | 19.41 -0.66 0.00 | 13.79 -0.48 0.00 | 21.55 -0.65 0.00 | 31.21 -1.00 0.00 | 22.73 -0.76 1.84 | 32.84 -1.00 0.00 | 32.09 -1.06 2.76 | 49.48 -1.55 0.00 | 40.17 -1.30 0.00 | 34.85 -1.13 0.00 | 35.13 -1.26 0.00 | 47.39 -1.69 0.00 | 55.22 -1.90 0.00 | 66.67 -2.31 0.00 | 72.84 -2.52 0.00 | 52.99 -1.81 0.00 | 43.34 -1.53 0.00 | 35.01 -1.18 0.00 | 31.65 -0.99 0.00 | 32.26 -0.98 0.00 |
| SITHE_IND_GS4 24172 | 25.66 -0.85 0.00 | 23.34 -0.76 0.00 | 22.84 -0.78 0.00 | 20.94 -0.73 0.00 | 19.41 -0.66 0.00 | 13.79 -0.48 0.00 | 21.55 -0.65 0.00 | 31.21 -1.00 0.00 | 22.73 -0.76 1.84 | 32.84 -1.00 0.00 | 32.09 -1.06 2.76 | 49.48 -1.55 0.00 | 40.17 -1.30 0.00 | 34.85 -1.13 0.00 | 35.13 -1.26 0.00 | 47.39 -1.69 0.00 | 55.22 -1.90 0.00 | 66.67 -2.31 0.00 | 72.84 -2.52 0.00 | 52.99 -1.81 0.00 | 43.34 -1.53 0.00 | 35.01 -1.18 0.00 | 31.65 -0.99 0.00 | 32.26 -0.98 0.00 |
| SITHE____BATAVIA 24024 | 26.89 0.38 0.00 | 24.58 0.49 0.00 | 24.07 0.45 0.00 | 22.05 0.38 0.00 | 20.39 0.33 0.00 | 14.36 0.09 0.00 | 22.75 0.54 0.00 | 32.73 0.51 0.00 | 25.93 0.59 0.00 | 34.99 1.15 0.00 | 36.79 0.89 0.00 | 51.93 0.90 0.00 | 41.69 0.22 0.00 | 36.16 0.17 0.00 | 35.88 -0.51 0.00 | 44.64 -0.58 3.85 | 52.36 -0.34 4.41 | 68.19 -0.78 0.00 | 74.90 -0.46 0.00 | 54.68 -0.12 0.00 | 44.74 -0.13 0.00 | 36.57 0.39 0.00 | 33.44 0.80 0.00 | 34.21 0.97 0.00 |
| SITHE____INDEPEND 23800 | 25.66 -0.85 0.00 | 23.34 -0.75 0.00 | 22.84 -0.78 0.00 | 20.94 -0.73 0.00 | 19.41 -0.66 0.00 | 13.79 -0.48 0.00 | 21.56 -0.65 0.00 | 31.21 -1.00 0.00 | 22.73 -0.76 1.84 | 32.84 -1.00 0.00 | 32.09 -1.06 2.76 | 49.48 -1.55 0.00 | 40.17 -1.30 0.00 | 34.85 -1.13 0.00 | 35.13 -1.26 0.00 | 47.39 -1.69 0.00 | 55.22 -1.90 0.00 | 66.66 -2.31 0.00 | 72.84 -2.52 0.00 | 52.98 -1.82 0.00 | 43.34 -1.53 0.00 | 35.01 -1.18 0.00 | 31.65 -0.99 0.00 | 32.26 -0.98 0.00 |
| SITHE____MASSENA 23902 | 26.35 -0.16 0.00 | 23.92 -0.17 0.00 | 23.55 -0.07 0.00 | 21.61 -0.06 0.00 | 20.01 -0.06 0.00 | 14.19 -0.08 0.00 | 22.06 -0.15 0.00 | 32.13 -0.09 0.00 | 25.25 -0.09 0.00 | 33.78 -0.06 0.00 | 35.78 -0.13 0.00 | 50.79 -0.25 0.00 | 41.18 -0.28 0.00 | 35.63 -0.36 0.00 | 36.04 -0.35 0.00 | 48.41 -0.67 0.00 | 56.32 -0.80 0.00 | 68.34 -0.63 0.00 | 75.04 -0.32 0.00 | 54.53 -0.27 0.00 | 44.81 -0.06 0.00 | 36.10 -0.08 0.00 | 32.45 -0.18 0.00 | 33.08 -0.17 0.00 |
| SITHE____OGDNSBRG 24021 | 26.50 -0.01 0.00 | 24.03 -0.07 0.00 | 23.65 0.03 0.00 | 21.73 0.07 0.00 | 20.10 0.03 0.00 | 14.27 0.01 0.00 | 22.24 0.04 0.00 | 32.41 0.20 0.00 | 25.44 0.10 0.00 | 34.09 0.25 0.00 | 36.06 0.15 0.00 | 51.24 0.20 0.00 | 41.58 0.11 0.00 | 35.99 0.01 0.00 | 36.31 -0.08 0.00 | 48.66 -0.41 0.00 | 56.65 -0.47 0.00 | 68.95 -0.02 0.00 | 75.86 0.50 0.00 | 55.09 0.29 0.00 | 45.25 0.38 0.00 | 36.49 0.31 0.00 | 32.75 0.11 0.00 | 33.32 0.08 0.00 |
| SITHE____STERLING 23777 | 27.09 0.58 0.00 | 24.57 0.47 0.00 | 24.03 0.41 0.00 | 22.04 0.38 0.00 | 20.41 0.34 0.00 | 14.56 0.30 0.00 | 22.83 0.63 0.00 | 33.13 0.91 0.00 | 26.14 0.73 -0.07 | 34.95 1.10 0.00 | 37.24 1.22 -0.11 | 52.71 1.68 0.00 | 42.78 1.31 0.00 | 37.11 1.13 0.00 | 37.48 1.08 0.00 | 50.40 1.32 0.00 | 58.72 1.60 0.00 | 70.68 1.71 0.00 | 77.14 1.79 0.00 | 56.29 1.49 0.00 | 46.06 1.19 0.00 | 37.22 1.04 0.00 | 33.54 0.90 0.00 | 34.11 0.86 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 26.92 0.41 0.00 | 24.46 0.37 0.00 | 23.95 0.33 0.00 | 21.95 0.29 0.00 | 20.35 0.28 0.00 | 14.48 0.21 0.00 | 22.72 0.51 0.00 | 32.97 0.76 0.00 | 26.32 0.72 -0.27 | 35.08 1.24 0.00 | 37.56 1.25 -0.40 | 52.68 1.64 0.00 | 42.63 1.16 0.00 | 37.00 1.02 0.00 | 37.09 0.70 0.00 | 49.87 0.80 0.00 | 58.25 1.13 0.00 | 70.37 1.39 0.00 | 76.84 1.49 0.00 | 55.96 1.16 0.00 | 45.75 0.87 0.00 | 36.89 0.70 0.00 | 33.37 0.73 0.00 | 33.99 0.75 0.00 |
| SOUTH CAIRO____GT 23612 | 28.34 1.83 0.00 | 25.77 1.68 0.00 | 25.18 1.56 0.00 | 23.07 1.40 0.00 | 21.36 1.29 0.00 | 23.32 0.97 -8.08 | 44.37 1.48 -20.69 | 37.94 2.09 -3.63 | 28.84 1.52 -1.99 | 35.88 1.99 -0.06 | 37.97 2.06 0.00 | 53.82 2.78 0.00 | 43.89 2.42 0.00 | 38.42 2.45 0.01 | 38.86 2.46 0.00 | 52.25 3.18 0.00 | 71.84 4.09 -10.63 | 82.47 5.26 -8.24 | 80.57 5.65 0.43 | 58.93 4.13 0.00 | 48.28 3.41 0.00 | 38.75 2.67 0.10 | 34.61 2.23 0.27 | 35.15 2.08 0.17 |
| SOUTH HAMPTN____IC 23720 | 30.38 3.10 -0.78 | 27.70 2.89 -0.71 | 26.29 2.67 0.00 | 24.08 2.42 0.00 | 22.28 2.21 0.00 | 56.72 1.61 -40.84 | 142.61 2.08 -118.33 | 172.74 2.41 -138.12 | 44.52 2.97 -16.22 | 46.41 3.70 -8.86 | 42.37 3.57 -2.89 | 63.48 5.52 -6.92 | 323.96 4.27 -278.22 | 252.38 3.95 -212.44 | 154.53 4.77 -113.37 | 235.04 7.21 -178.75 | 91.58 8.29 -26.17 | 171.37 9.98 -92.41 | 203.53 10.50 -117.68 | 80.71 7.43 -18.48 | 234.01 5.83 -183.31 | 43.48 4.38 -2.92 | 36.96 3.81 -0.51 | 37.29 3.72 -0.33 |
| SOUTHDOW_115KV_TB1 355954 | 26.85 0.34 0.00 | 24.52 0.42 0.00 | 24.02 0.40 0.00 | 22.09 0.43 0.00 | 20.44 0.37 0.00 | 14.44 0.17 0.00 | 23.10 0.89 0.00 | 33.42 1.21 0.00 | 26.68 1.26 -0.08 | 35.84 2.00 0.00 | 37.91 1.88 -0.12 | 53.35 2.31 0.00 | 42.73 1.26 0.00 | 36.90 0.91 0.00 | 36.59 0.20 0.00 | 45.95 0.85 3.98 | 53.90 1.33 4.55 | 70.15 1.18 0.00 | 76.36 1.01 0.00 | 55.76 0.96 0.00 | 45.57 0.70 0.00 | 37.30 1.12 0.00 | 34.05 1.41 0.00 | 34.71 1.47 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 31.10 3.81 -0.78 | 28.31 3.50 -0.71 | 26.85 3.23 0.00 | 24.60 2.94 0.00 | 22.75 2.68 0.00 | 57.06 1.95 -40.84 | 142.99 2.45 -118.33 | 172.77 2.44 -138.12 | 45.72 4.16 -16.22 | 47.56 4.85 -8.86 | 43.43 4.63 -2.89 | 64.98 7.02 -6.92 | 324.27 4.58 -278.22 | 253.01 4.58 -212.44 | 155.69 5.93 -113.37 | 236.68 8.84 -178.76 | 93.42 10.13 -26.16 | 173.61 12.20 -92.44 | 205.94 12.85 -117.73 | 82.51 9.23 -18.48 | 235.43 7.25 -183.31 | 44.57 5.47 -2.92 | 37.92 4.78 -0.51 | 38.27 4.69 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| SOUTHOLD___IC 23719 | 31.10 3.81 -0.78 | 28.31 3.50 -0.71 | 26.85 3.23 0.00 | 24.60 2.94 0.00 | 22.75 2.68 0.00 | 57.07 1.95 -40.84 | 143.01 2.47 -118.33 | 172.77 2.44 -138.12 | 45.72 4.16 -16.22 | 47.56 4.85 -8.86 | 43.42 4.62 -2.89 | 64.98 7.02 -6.92 | 324.27 4.58 -278.22 | 253.01 4.58 -212.44 | 155.69 5.93 -113.37 | 236.68 8.84 -178.76 | 93.41 10.13 -26.17 | 173.61 12.19 -92.44 | 205.94 12.86 -117.73 | 82.52 9.23 -18.48 | 235.44 7.25 -183.31 | 44.57 5.47 -2.92 | 37.93 4.78 -0.51 | 38.27 4.69 -0.33 |
| SPIERFLS_115KV_TB 1 80737 | 28.05 1.54 0.00 | 25.45 1.35 0.00 | 24.84 1.22 0.00 | 22.73 1.07 0.00 | 21.06 0.99 0.00 | 26.24 0.73 -11.23 | 52.05 1.09 -28.75 | 38.84 1.58 -5.05 | 29.26 1.16 -2.77 | 35.33 1.41 -0.08 | 37.40 1.49 0.00 | 53.30 2.26 0.00 | 43.45 1.98 0.00 | 37.71 1.75 0.03 | 38.30 1.91 0.00 | 51.89 2.82 0.00 | 70.52 3.20 -10.20 | 79.32 3.69 -6.66 | 78.42 4.03 0.97 | 57.73 2.93 0.00 | 47.38 2.51 0.00 | 37.92 1.96 0.22 | 33.63 1.58 0.59 | 34.36 1.51 0.39 |
| ST LAWRENCE____ 23600 | 26.16 -0.35 0.00 | 23.76 -0.34 0.00 | 23.39 -0.23 0.00 | 21.45 -0.21 0.00 | 19.87 -0.20 0.00 | 14.08 -0.19 0.00 | 21.87 -0.34 0.00 | 31.85 -0.37 0.00 | 25.03 -0.31 0.00 | 33.47 -0.37 0.00 | 35.44 -0.47 0.00 | 50.32 -0.72 0.00 | 40.80 -0.67 0.00 | 35.30 -0.68 0.00 | 35.75 -0.65 0.00 | 48.03 -1.04 0.00 | 55.88 -1.24 0.00 | 67.75 -1.23 0.00 | 74.37 -0.98 0.00 | 54.05 -0.75 0.00 | 44.42 -0.45 0.00 | 35.77 -0.41 0.00 | 32.18 -0.46 0.00 | 32.80 -0.45 0.00 |
| STATE_CA_115KV_115_LB 55624 | 27.41 0.90 0.00 | 24.94 0.85 0.00 | 24.37 0.75 0.00 | 22.36 0.69 0.00 | 20.71 0.64 0.00 | 26.39 0.48 -11.63 | 52.66 0.68 -29.77 | 38.34 0.90 -5.23 | 28.84 0.64 -2.87 | 34.72 0.80 -0.08 | 36.86 0.96 0.00 | 52.46 1.43 0.00 | 42.80 1.34 0.00 | 37.21 1.25 0.02 | 37.80 1.41 0.00 | 50.97 1.90 0.00 | 69.96 2.22 -10.62 | 78.60 2.50 -7.13 | 76.91 2.47 0.92 | 56.56 1.76 0.00 | 46.24 1.37 0.00 | 36.94 0.97 0.21 | 32.87 0.80 0.56 | 33.62 0.75 0.37 |
| STATE_ST_34_KV_LOAD 55959 | 26.84 0.33 0.00 | 24.40 0.30 0.00 | 23.93 0.31 0.00 | 21.93 0.27 0.00 | 20.37 0.30 0.00 | 14.51 0.24 0.00 | 22.62 0.42 0.00 | 32.86 0.64 0.00 | 26.41 0.67 -0.40 | 34.86 1.02 0.00 | 37.34 0.83 -0.60 | 51.93 0.90 0.00 | 42.08 0.62 0.00 | 36.56 0.58 0.00 | 36.71 0.32 0.00 | 50.75 0.65 -1.03 | 59.37 1.06 -1.19 | 70.32 1.35 0.00 | 76.58 1.22 0.00 | 55.85 1.05 0.00 | 45.70 0.83 0.00 | 36.78 0.60 0.00 | 33.29 0.65 0.00 | 33.90 0.65 0.00 |
| STATION 5_MISC_HYD 23604 | 26.58 0.07 0.00 | 24.25 0.15 0.00 | 23.74 0.12 0.00 | 21.73 0.06 0.00 | 20.11 0.04 0.00 | 14.19 -0.07 0.00 | 22.39 0.18 0.00 | 32.30 0.08 0.00 | 25.54 0.21 0.00 | 34.35 0.50 0.00 | 36.24 0.34 0.00 | 51.27 0.24 0.00 | 41.41 -0.06 0.00 | 35.86 -0.13 0.00 | 35.77 -0.63 0.00 | 48.38 -0.70 0.00 | 56.48 -0.64 0.00 | 68.27 -0.70 0.00 | 74.75 -0.61 0.00 | 54.35 -0.44 0.00 | 44.42 -0.45 0.00 | 36.13 -0.05 0.00 | 32.91 0.27 0.00 | 33.61 0.36 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 26.63 0.12 0.00 | 24.24 0.15 0.00 | 23.73 0.11 0.00 | 21.72 0.05 0.00 | 20.12 0.05 0.00 | 14.26 0.00 0.00 | 22.46 0.25 0.00 | 32.45 0.24 0.00 | 25.79 0.37 -0.08 | 34.51 0.67 0.00 | 36.65 0.62 -0.12 | 51.68 0.64 0.00 | 41.79 0.32 0.00 | 36.21 0.22 0.00 | 36.23 -0.17 0.00 | 48.87 -0.20 0.00 | 57.00 -0.12 0.00 | 68.90 -0.08 0.00 | 75.44 0.08 0.00 | 54.88 0.08 0.00 | 44.83 -0.05 0.00 | 36.37 0.18 0.00 | 32.99 0.35 0.00 | 33.63 0.38 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 26.42 -0.09 0.00 | 24.09 -0.01 0.00 | 23.58 -0.04 0.00 | 21.58 -0.09 0.00 | 19.97 -0.10 0.00 | 14.11 -0.16 0.00 | 22.24 0.04 0.00 | 32.11 -0.10 0.00 | 25.39 0.06 0.00 | 34.14 0.30 0.00 | 36.06 0.16 0.00 | 51.04 0.01 0.00 | 41.25 -0.21 0.00 | 35.71 -0.27 0.00 | 35.67 -0.72 0.00 | 48.18 -0.89 0.00 | 56.25 -0.87 0.00 | 68.03 -0.95 0.00 | 74.46 -0.90 0.00 | 54.12 -0.68 0.00 | 44.22 -0.65 0.00 | 35.94 -0.24 0.00 | 32.71 0.07 0.00 | 33.40 0.15 0.00 |
| STA_56___34_KV_BUS2 355983 | 26.42 -0.09 0.00 | 24.09 -0.01 0.00 | 23.58 -0.04 0.00 | 21.58 -0.09 0.00 | 19.97 -0.10 0.00 | 14.11 -0.16 0.00 | 22.24 0.04 0.00 | 32.11 -0.10 0.00 | 25.39 0.06 0.00 | 34.14 0.30 0.00 | 36.06 0.16 0.00 | 51.04 0.01 0.00 | 41.25 -0.21 0.00 | 35.71 -0.27 0.00 | 35.67 -0.72 0.00 | 48.18 -0.89 0.00 | 56.25 -0.87 0.00 | 68.03 -0.95 0.00 | 74.46 -0.90 0.00 | 54.12 -0.68 0.00 | 44.22 -0.65 0.00 | 35.94 -0.24 0.00 | 32.71 0.07 0.00 | 33.40 0.15 0.00 |
| STA_67___115KV_BK2 355882 | 26.50 -0.01 0.00 | 24.19 0.09 0.00 | 23.69 0.07 0.00 | 21.67 0.01 0.00 | 20.06 -0.01 0.00 | 14.16 -0.11 0.00 | 22.33 0.12 0.00 | 32.22 0.00 0.00 | 25.47 0.13 0.00 | 34.26 0.41 0.00 | 36.14 0.23 0.00 | 51.12 0.09 0.00 | 41.29 -0.18 0.00 | 35.75 -0.23 0.00 | 35.66 -0.73 0.00 | 48.19 -0.89 0.00 | 56.26 -0.86 0.00 | 68.03 -0.94 0.00 | 74.49 -0.86 0.00 | 54.19 -0.61 0.00 | 44.29 -0.58 0.00 | 36.04 -0.15 0.00 | 32.82 0.18 0.00 | 33.53 0.29 0.00 |
| STA_7___115KV_9TRANS 80674 | 26.74 0.23 0.00 | 24.39 0.29 0.00 | 23.87 0.25 0.00 | 21.84 0.17 0.00 | 20.21 0.14 0.00 | 14.27 0.01 0.00 | 22.50 0.30 0.00 | 32.48 0.26 0.00 | 25.69 0.35 0.00 | 34.55 0.71 0.00 | 36.47 0.56 0.00 | 51.59 0.56 0.00 | 41.68 0.21 0.00 | 36.08 0.09 0.00 | 36.01 -0.38 0.00 | 48.70 -0.38 0.00 | 56.87 -0.25 0.00 | 68.78 -0.19 0.00 | 75.30 -0.05 0.00 | 54.76 -0.04 0.00 | 44.73 -0.13 0.00 | 36.38 0.20 0.00 | 33.12 0.48 0.00 | 33.81 0.57 0.00 |
| STA_82___115KV_TB1 80780 | 26.53 0.02 0.00 | 24.20 0.10 0.00 | 23.70 0.08 0.00 | 21.69 0.02 0.00 | 20.07 0.00 0.00 | 14.17 -0.09 0.00 | 22.35 0.15 0.00 | 32.25 0.03 0.00 | 25.49 0.16 0.00 | 34.28 0.44 0.00 | 36.16 0.26 0.00 | 51.16 0.13 0.00 | 41.31 -0.16 0.00 | 35.76 -0.23 0.00 | 35.68 -0.71 0.00 | 48.22 -0.86 0.00 | 56.31 -0.81 0.00 | 68.09 -0.89 0.00 | 74.55 -0.81 0.00 | 54.23 -0.57 0.00 | 44.33 -0.54 0.00 | 36.06 -0.13 0.00 | 32.85 0.21 0.00 | 33.55 0.31 0.00 |
| STEEL___WIND 323596 | 26.37 -0.14 0.00 | 24.15 0.05 0.00 | 23.68 0.06 0.00 | 21.70 0.04 0.00 | 20.07 0.00 0.00 | 14.12 -0.15 0.00 | 22.42 0.21 0.00 | 32.22 0.01 0.00 | 25.55 0.22 0.00 | 34.48 0.63 0.00 | 36.29 0.38 0.00 | 51.19 0.15 0.00 | 41.06 -0.41 0.00 | 35.47 -0.51 0.00 | 35.10 -1.29 0.01 | 40.00 -1.43 7.64 | 47.01 -1.35 8.75 | 67.16 -1.81 0.00 | 73.56 -1.80 0.00 | 53.63 -1.17 0.00 | 43.86 -1.01 0.00 | 35.91 -0.27 0.00 | 32.90 0.26 0.00 | 33.73 0.49 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 27.57 1.06 0.00 | 25.09 0.99 0.00 | 24.50 0.88 0.00 | 22.41 0.75 0.00 | 20.78 0.71 0.00 | 26.56 0.57 -11.72 | 53.01 0.82 -29.98 | 38.54 1.06 -5.26 | 28.98 0.76 -2.88 | 34.90 0.98 -0.08 | 37.11 1.20 0.00 | 52.77 1.73 0.00 | 43.05 1.58 0.00 | 37.45 1.49 0.02 | 38.08 1.69 0.00 | 51.32 2.24 0.00 | 70.55 2.65 -10.78 | 79.36 3.07 -7.31 | 77.59 3.14 0.90 | 56.96 2.16 0.00 | 46.58 1.71 0.00 | 37.11 1.13 0.21 | 33.10 1.01 0.55 | 33.80 0.92 0.36 |
| STEUBEN_REC_LFGE 323667 | 25.84 -0.67 0.00 | 23.65 -0.44 0.00 | 23.49 -0.13 0.00 | 21.50 -0.16 0.00 | 19.80 -0.27 0.00 | 14.03 -0.23 0.00 | 22.38 0.18 0.00 | 32.34 0.12 0.00 | 26.01 0.47 -0.20 | 34.87 1.03 0.00 | 37.19 0.98 -0.30 | 51.97 0.94 0.00 | 41.42 -0.05 0.00 | 35.54 -0.44 0.00 | 35.07 -1.35 -0.02 | 64.26 -1.66 -16.84 | 75.22 -1.30 -19.40 | 67.40 -1.57 0.00 | 73.93 -1.43 0.00 | 54.21 -0.59 0.00 | 44.61 -0.27 0.00 | 36.58 0.40 0.00 | 33.10 0.46 0.00 | 33.79 0.55 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| STONY___BROOK 24151 | 30.05 2.76 -0.78 | 27.36 2.55 -0.71 | 25.94 2.32 0.00 | 23.73 2.07 0.00 | 21.98 1.91 0.00 | 56.52 1.41 -40.84 | 142.37 1.84 -118.33 | 172.56 2.23 -138.12 | 43.88 2.33 -16.22 | 45.72 3.01 -8.86 | 41.67 2.87 -2.89 | 62.53 4.57 -6.92 | 323.41 3.72 -278.22 | 251.76 3.33 -212.44 | 153.77 4.01 -113.37 | 238.78 5.97 -183.74 | 90.07 6.78 -26.17 | 187.34 8.30 -110.07 | 232.76 8.57 -148.84 | 79.45 6.04 -18.60 | 232.96 4.77 -183.31 | 42.84 3.73 -2.92 | 36.42 3.28 -0.51 | 36.77 3.20 -0.33 |
| STURGEON_POOL_HYD 23609 | 28.04 1.53 0.00 | 25.41 1.31 0.00 | 24.76 1.15 0.00 | 22.73 1.06 0.00 | 21.06 1.00 0.00 | 15.03 0.76 0.00 | 23.28 1.08 0.00 | 33.79 1.57 0.00 | 26.59 1.21 -0.05 | 35.41 1.57 0.00 | 37.80 1.82 -0.08 | 53.89 2.85 0.00 | 44.07 2.60 0.00 | 38.42 2.42 -0.01 | 39.11 2.71 0.00 | 52.90 3.82 0.00 | 72.16 4.55 -10.49 | 84.31 5.54 -9.80 | 81.11 5.45 -0.30 | 58.58 3.78 0.00 | 47.61 2.74 0.00 | 38.30 2.04 -0.07 | 34.72 1.90 -0.19 | 35.21 1.85 -0.12 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 27.91 1.41 0.00 | 25.30 1.21 0.00 | 24.67 1.05 0.00 | 22.63 0.97 0.00 | 20.98 0.91 0.00 | -19.39 0.70 34.36 | -64.69 1.03 87.93 | 18.26 1.48 15.43 | 18.07 1.14 8.41 | 35.05 1.44 0.24 | 37.69 1.70 -0.08 | 53.71 2.68 0.00 | 43.88 2.41 0.00 | 38.26 2.26 -0.02 | 38.89 2.49 0.00 | 52.66 3.58 0.00 | 117.81 4.20 -56.49 | 124.61 5.06 -50.57 | 81.09 5.05 -0.68 | 58.39 3.59 0.00 | 47.52 2.64 0.00 | 38.29 1.95 -0.16 | 34.81 1.75 -0.42 | 35.23 1.71 -0.27 |
| SWANROAD_115KV_TB1 355699 | 25.69 -0.82 0.00 | 23.58 -0.52 0.00 | 23.14 -0.48 0.00 | 21.21 -0.46 0.00 | 19.61 -0.46 0.00 | 13.75 -0.52 0.00 | 21.78 -0.43 0.00 | 31.21 -1.00 0.00 | 24.67 -0.67 0.00 | 33.37 -0.48 0.00 | 34.97 -0.94 0.00 | 49.23 -1.81 0.00 | 39.53 -1.94 0.00 | 34.23 -1.75 0.00 | 33.80 -2.60 0.01 | 40.09 -3.17 5.82 | 47.23 -3.23 6.66 | 64.55 -4.42 0.00 | 70.70 -4.65 0.00 | 51.54 -3.26 0.00 | 42.21 -2.67 0.00 | 34.64 -1.55 0.00 | 31.92 -0.72 0.00 | 32.80 -0.44 0.00 |
| SYNERGY___BIOGAS 323694 | 26.89 0.38 0.00 | 24.58 0.49 0.00 | 24.07 0.45 0.00 | 22.05 0.38 0.00 | 20.39 0.33 0.00 | 14.36 0.09 0.00 | 22.75 0.54 0.00 | 32.73 0.51 0.00 | 25.93 0.59 0.00 | 34.99 1.15 0.00 | 36.79 0.89 0.00 | 51.93 0.90 0.00 | 41.69 0.22 0.00 | 36.16 0.17 0.00 | 35.88 -0.51 0.00 | 44.64 -0.58 3.85 | 52.36 -0.34 4.41 | 68.19 -0.78 0.00 | 74.90 -0.46 0.00 | 54.68 -0.12 0.00 | 44.74 -0.13 0.00 | 36.57 0.39 0.00 | 33.44 0.80 0.00 | 34.21 0.97 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 26.39 -0.12 0.00 | 23.99 -0.11 0.00 | 23.47 -0.15 0.00 | 21.50 -0.16 0.00 | 19.95 -0.13 0.00 | 14.19 -0.08 0.00 | 22.20 -0.01 0.00 | 32.16 -0.05 0.00 | 25.78 0.06 -0.38 | 34.00 0.16 0.00 | 36.66 0.17 -0.58 | 51.15 0.11 0.00 | 41.51 0.04 0.00 | 36.00 0.01 0.00 | 36.26 -0.14 0.00 | 48.86 -0.21 0.00 | 56.97 -0.15 0.00 | 68.76 -0.21 0.00 | 75.12 -0.24 0.00 | 54.64 -0.15 0.00 | 44.67 -0.20 0.00 | 36.07 -0.12 0.00 | 32.60 -0.04 0.00 | 33.19 -0.05 0.00 |
| SYRACUSE___POWER 24017 | 26.42 -0.09 0.00 | 24.01 -0.09 0.00 | 23.48 -0.14 0.00 | 21.51 -0.16 0.00 | 19.94 -0.13 0.00 | 14.19 -0.07 0.00 | 22.21 0.01 0.00 | 32.17 -0.05 0.00 | 25.51 0.00 -0.18 | 33.87 0.02 0.00 | 36.23 0.06 -0.26 | 51.15 0.12 0.00 | 41.48 0.01 0.00 | 35.96 -0.03 0.00 | 36.22 -0.17 0.00 | 48.86 -0.21 0.00 | 56.95 -0.17 0.00 | 68.73 -0.24 0.00 | 75.08 -0.28 0.00 | 54.62 -0.18 0.00 | 44.64 -0.23 0.00 | 36.08 -0.10 0.00 | 32.62 -0.02 0.00 | 33.21 -0.03 0.00 |
| TALLMAN__138KV_BK151 55660 | 28.11 1.60 0.00 | 25.47 1.38 0.00 | 24.81 1.19 0.00 | 22.76 1.10 0.00 | 21.10 1.03 0.00 | -27.01 0.80 42.07 | -84.30 1.16 107.67 | 15.02 1.70 18.90 | 16.32 1.29 10.31 | 35.20 1.64 0.29 | 37.90 1.92 -0.08 | 54.06 3.03 0.00 | 44.19 2.73 0.00 | 38.56 2.55 -0.02 | 39.21 2.81 0.00 | 53.15 4.08 0.00 | 104.75 4.86 -42.78 | 113.67 5.89 -38.80 | 81.92 5.82 -0.74 | 58.92 4.13 0.00 | 47.89 3.01 0.00 | 38.59 2.24 -0.17 | 35.11 2.02 -0.45 | 35.52 1.98 -0.30 |
| TEALLAVE_115KV_TB7 355573 | 26.28 -0.23 0.00 | 23.88 -0.22 0.00 | 23.36 -0.26 0.00 | 21.40 -0.27 0.00 | 19.84 -0.23 0.00 | 14.11 -0.15 0.00 | 22.09 -0.11 0.00 | 31.99 -0.23 0.00 | 25.27 -0.16 -0.10 | 33.66 -0.19 0.00 | 35.89 -0.15 -0.14 | 50.85 -0.18 0.00 | 41.25 -0.22 0.00 | 35.74 -0.24 0.00 | 35.98 -0.41 0.00 | 48.56 -0.51 0.00 | 56.59 -0.53 0.00 | 68.27 -0.70 0.00 | 74.60 -0.76 0.00 | 54.26 -0.54 0.00 | 44.34 -0.53 0.00 | 35.84 -0.34 0.00 | 32.43 -0.21 0.00 | 33.03 -0.21 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 26.34 -0.17 0.00 | 24.13 0.03 0.00 | 23.66 0.04 0.00 | 21.67 0.00 0.00 | 20.04 -0.03 0.00 | 14.08 -0.19 0.00 | 22.31 0.11 0.00 | 32.04 -0.17 0.00 | 25.36 0.02 0.00 | 34.28 0.44 0.00 | 36.01 0.11 0.00 | 50.75 -0.28 0.00 | 40.80 -0.67 0.00 | 35.32 -0.66 0.00 | 34.96 -1.43 0.00 | 42.51 -1.76 4.80 | 49.97 -1.66 5.49 | 66.64 -2.33 0.00 | 73.08 -2.27 0.00 | 53.27 -1.53 0.00 | 43.57 -1.30 0.00 | 35.70 -0.49 0.00 | 32.76 0.12 0.00 | 33.60 0.35 0.00 |
| TEMPLE___115KV_TB 2 55572 | 26.30 -0.21 0.00 | 23.90 -0.19 0.00 | 23.37 -0.24 0.00 | 21.41 -0.25 0.00 | 19.85 -0.22 0.00 | 14.12 -0.15 0.00 | 22.11 -0.10 0.00 | 32.01 -0.20 0.00 | 25.28 -0.14 -0.09 | 33.68 -0.16 0.00 | 35.90 -0.14 -0.13 | 50.90 -0.14 0.00 | 41.28 -0.19 0.00 | 35.77 -0.21 0.00 | 36.01 -0.38 0.00 | 48.61 -0.47 0.00 | 56.65 -0.47 0.00 | 68.34 -0.63 0.00 | 74.67 -0.69 0.00 | 54.30 -0.50 0.00 | 44.37 -0.50 0.00 | 35.87 -0.31 0.00 | 32.46 -0.18 0.00 | 33.06 -0.19 0.00 |
| TIANA____69_KV_BK 1 55817 | 30.23 2.94 -0.78 | 27.56 2.76 -0.71 | 26.16 2.54 0.00 | 23.96 2.30 0.00 | 22.16 2.09 0.00 | 56.65 1.53 -40.84 | 142.50 1.96 -118.33 | 172.63 2.30 -138.12 | 44.32 2.76 -16.22 | 46.16 3.46 -8.86 | 42.15 3.35 -2.89 | 63.15 5.19 -6.92 | 323.75 4.07 -278.22 | 252.15 3.72 -212.44 | 154.27 4.51 -113.37 | 234.66 6.82 -178.76 | 91.12 7.84 -26.16 | 170.81 9.40 -92.43 | 202.96 9.88 -117.72 | 80.28 7.00 -18.48 | 233.69 5.51 -183.31 | 43.23 4.13 -2.92 | 36.74 3.59 -0.51 | 37.07 3.49 -0.33 |
| TILDEN___115KV_TB1 80814 | 26.42 -0.09 0.00 | 24.01 -0.09 0.00 | 23.48 -0.14 0.00 | 21.51 -0.16 0.00 | 19.94 -0.13 0.00 | 14.19 -0.07 0.00 | 22.21 0.01 0.00 | 32.17 -0.05 0.00 | 25.51 0.00 -0.18 | 33.87 0.02 0.00 | 36.23 0.06 -0.26 | 51.15 0.12 0.00 | 41.48 0.01 0.00 | 35.96 -0.03 0.00 | 36.22 -0.17 0.00 | 48.86 -0.21 0.00 | 56.95 -0.17 0.00 | 68.73 -0.24 0.00 | 75.08 -0.28 0.00 | 54.62 -0.18 0.00 | 44.64 -0.23 0.00 | 36.08 -0.10 0.00 | 32.62 -0.02 0.00 | 33.21 -0.03 0.00 |
| TRIGEN___CC 323695 | 29.47 2.19 -0.78 | 26.74 1.94 -0.71 | 25.33 1.71 0.00 | 23.19 1.53 0.00 | 21.50 1.43 0.00 | 56.19 1.08 -40.84 | 142.06 1.53 -118.33 | 172.65 2.32 -138.12 | 43.50 1.94 -16.22 | 45.20 2.50 -8.86 | 41.42 2.62 -2.89 | 61.97 4.02 -6.92 | 323.18 3.49 -278.22 | 251.53 3.10 -212.44 | 153.23 3.47 -113.36 | 214.15 4.90 -160.18 | 88.91 5.63 -26.16 | 104.47 6.86 -28.63 | 87.37 6.89 -5.13 | 77.28 4.87 -17.61 | 232.00 3.82 -183.31 | 41.97 2.87 -2.91 | 35.71 2.56 -0.51 | 36.12 2.54 -0.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRINITY__115KV__4 BK 55933 | 27.30 0.79 0.00 | 24.85 0.75 0.00 | 24.28 0.67 0.00 | 22.27 0.60 0.00 | 20.63 0.56 0.00 | 26.43 0.43 -11.74 | 52.83 0.59 -30.03 | 38.24 0.75 -5.27 | 28.74 0.51 -2.89 | 34.54 0.62 -0.08 | 36.64 0.73 0.00 | 52.15 1.11 0.00 | 42.52 1.05 0.00 | 36.96 1.00 0.02 | 37.57 1.17 0.00 | 50.66 1.59 0.00 | 69.72 1.85 -10.76 | 78.28 2.03 -7.27 | 76.44 1.99 0.91 | 56.24 1.44 0.00 | 45.99 1.12 0.00 | 36.75 0.78 0.21 | 32.72 0.64 0.56 | 33.47 0.59 0.37 |
| UNION__PROCESSING_DRP 323587 | 26.53 0.02 0.00 | 24.21 0.12 0.00 | 23.71 0.09 0.00 | 21.70 0.03 0.00 | 20.09 0.02 0.00 | 14.17 -0.09 0.00 | 22.36 0.15 0.00 | 32.26 0.04 0.00 | 25.50 0.16 0.00 | 34.29 0.45 0.00 | 36.18 0.27 0.00 | 51.20 0.16 0.00 | 41.33 -0.14 0.00 | 35.79 -0.20 0.00 | 35.70 -0.70 0.00 | 48.24 -0.83 0.00 | 56.34 -0.79 0.00 | 68.10 -0.87 0.00 | 74.60 -0.75 0.00 | 54.26 -0.54 0.00 | 44.35 -0.52 0.00 | 36.09 -0.10 0.00 | 32.86 0.22 0.00 | 33.57 0.32 0.00 |
| UPPER HUDSON__HYD 24058 | 28.04 1.54 0.00 | 25.45 1.35 0.00 | 24.84 1.22 0.00 | 22.73 1.07 0.00 | 21.06 0.99 0.00 | 26.24 0.73 -11.23 | 52.06 1.10 -28.75 | 38.84 1.58 -5.05 | 29.26 1.16 -2.77 | 35.33 1.41 -0.08 | 37.39 1.49 0.00 | 53.30 2.26 0.00 | 43.45 1.98 0.00 | 37.71 1.75 0.03 | 38.30 1.91 0.00 | 51.88 2.80 0.00 | 70.51 3.19 -10.20 | 79.32 3.69 -6.66 | 78.41 4.02 0.97 | 57.73 2.93 0.00 | 47.38 2.51 0.00 | 37.92 1.96 0.22 | 33.63 1.58 0.59 | 34.36 1.50 0.39 |
| UPPER RAQUET__HYD 24056 | 25.71 -0.80 0.00 | 23.28 -0.82 0.00 | 22.90 -0.72 0.00 | 21.08 -0.59 0.00 | 19.47 -0.60 0.00 | 13.83 -0.44 0.00 | 21.61 -0.59 0.00 | 31.56 -0.65 0.00 | 24.87 -0.53 -0.06 | 33.23 -0.61 0.00 | 35.20 -0.79 -0.09 | 49.86 -1.17 0.00 | 40.41 -1.06 0.00 | 34.93 -1.06 0.00 | 35.20 -1.20 0.00 | 47.31 -1.76 0.00 | 55.08 -2.04 0.00 | 66.99 -1.98 0.00 | 73.83 -1.53 0.00 | 53.64 -1.16 0.00 | 44.07 -0.80 0.00 | 35.55 -0.64 0.00 | 31.90 -0.74 0.00 | 32.47 -0.77 0.00 |
| VALLEY44_115KV_TB2 355964 | 26.59 0.08 0.00 | 24.31 0.21 0.00 | 23.76 0.14 0.00 | 21.71 0.05 0.00 | 20.11 0.04 0.00 | 14.19 -0.07 0.00 | 22.61 0.40 0.00 | 32.59 0.37 0.00 | 25.96 0.53 -0.09 | 34.82 0.97 0.00 | 36.71 0.66 -0.14 | 51.51 0.48 0.00 | 41.36 -0.11 0.00 | 35.78 -0.21 0.00 | 35.49 -0.91 0.00 | 45.70 -0.45 2.92 | 53.44 -0.34 3.34 | 68.09 -0.89 0.00 | 74.30 -1.05 0.00 | 54.19 -0.60 0.00 | 44.17 -0.70 0.00 | 36.13 -0.05 0.00 | 33.03 0.39 0.00 | 33.77 0.52 0.00 |
| VALLEY__115KV_TB 1-4 80826 | 26.61 0.10 0.00 | 24.12 0.02 0.00 | 23.54 -0.08 0.00 | 21.70 0.04 0.00 | 20.03 -0.05 0.00 | 14.29 0.02 0.00 | 22.35 0.14 0.00 | 32.28 0.07 0.00 | 25.38 0.05 0.00 | 33.83 -0.01 0.00 | 36.06 0.15 0.00 | 51.41 0.37 0.00 | 41.92 0.45 0.00 | 36.41 0.43 0.00 | 36.94 0.54 0.00 | 49.65 0.58 0.00 | 57.64 0.52 0.00 | 69.26 0.28 0.00 | 75.44 0.08 0.00 | 54.73 -0.07 0.00 | 44.94 0.07 0.00 | 36.24 0.06 0.00 | 32.60 -0.04 0.00 | 33.10 -0.15 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 27.62 1.11 0.00 | 25.06 0.97 0.00 | 24.49 0.87 0.00 | 22.46 0.79 0.00 | 20.81 0.73 0.00 | 14.78 0.51 0.00 | 22.95 0.75 0.00 | 33.29 1.08 0.00 | 26.43 0.92 -0.17 | 35.12 1.27 0.00 | 37.51 1.34 -0.25 | 52.89 1.85 0.00 | 42.88 1.41 0.00 | 37.29 1.31 0.00 | 37.70 1.31 0.00 | 50.88 1.81 0.00 | 59.36 2.24 0.00 | 71.56 2.59 0.00 | 78.00 2.65 0.00 | 56.75 1.95 0.00 | 46.40 1.53 0.00 | 37.42 1.24 0.00 | 33.98 1.34 0.00 | 34.70 1.45 0.00 |
| VISCHER__FERRY HYD 24020 | 27.73 1.22 0.00 | 25.23 1.14 0.00 | 24.66 1.04 0.00 | 22.62 0.95 0.00 | 20.95 0.88 0.00 | 27.00 0.66 -12.07 | 54.05 0.94 -30.90 | 38.88 1.24 -5.42 | 29.19 0.88 -2.97 | 35.03 1.10 -0.08 | 37.15 1.24 0.00 | 52.83 1.80 0.00 | 43.04 1.57 0.00 | 37.36 1.41 0.03 | 38.00 1.61 0.00 | 51.27 2.20 0.00 | 70.34 2.47 -10.76 | 78.18 2.75 -6.46 | 76.96 2.87 1.27 | 56.93 2.13 0.00 | 46.58 1.71 0.00 | 37.17 1.28 0.29 | 32.93 1.07 0.78 | 33.78 1.05 0.51 |
| V_A_10_SYNC_DSASP 323832 | 26.04 -0.46 0.00 | 23.86 -0.24 0.00 | 23.39 -0.23 0.00 | 21.41 -0.25 0.00 | 19.80 -0.27 0.00 | 13.93 -0.34 0.00 | 22.04 -0.17 0.00 | 31.68 -0.53 0.00 | 25.04 -0.29 0.00 | 33.75 -0.09 0.00 | 35.48 -0.43 0.00 | 50.07 -0.96 0.00 | 40.31 -1.16 0.00 | 34.85 -1.13 0.00 | 34.58 -1.82 0.00 | 42.96 -2.33 3.78 | 50.32 -2.47 4.33 | 66.01 -2.97 0.00 | 72.30 -3.05 0.00 | 52.65 -2.15 0.00 | 43.06 -1.81 0.00 | 35.20 -0.99 0.00 | 32.26 -0.38 0.00 | 33.08 -0.17 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 26.27 -0.24 0.00 | 23.86 -0.24 0.00 | 23.49 -0.13 0.00 | 21.54 -0.12 0.00 | 19.95 -0.12 0.00 | 14.14 -0.13 0.00 | 21.97 -0.24 0.00 | 31.99 -0.23 0.00 | 25.15 -0.19 0.00 | 33.63 -0.21 0.00 | 35.61 -0.30 0.00 | 50.55 -0.48 0.00 | 41.00 -0.47 0.00 | 35.47 -0.51 0.00 | 35.91 -0.49 0.00 | 48.27 -0.81 0.00 | 56.13 -0.99 0.00 | 68.07 -0.90 0.00 | 74.71 -0.64 0.00 | 54.28 -0.51 0.00 | 44.61 -0.26 0.00 | 35.94 -0.24 0.00 | 32.32 -0.32 0.00 | 32.94 -0.30 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 27.01 0.50 0.00 | 24.28 0.18 0.00 | 23.72 0.10 0.00 | 21.77 0.11 0.00 | 20.06 -0.01 0.00 | 14.12 -0.15 0.00 | 22.19 -0.02 0.00 | 32.75 0.53 0.00 | 26.01 0.67 0.00 | 34.65 0.81 0.00 | 36.53 0.63 0.00 | 51.78 0.75 0.00 | 41.91 0.44 0.00 | 36.19 0.21 0.00 | 36.48 0.09 0.00 | 49.47 0.40 0.00 | 57.68 0.56 0.00 | 70.04 1.06 0.00 | 77.40 2.04 0.00 | 56.27 1.47 0.00 | 46.31 1.44 0.00 | 37.47 1.29 0.00 | 33.45 0.80 0.00 | 33.93 0.69 0.00 |
| V_E_10_SYNC_DSASP 323830 | 28.20 1.70 0.00 | 25.62 1.52 0.00 | 24.93 1.31 0.00 | 22.69 1.03 0.00 | 21.09 1.02 0.00 | 15.24 0.97 0.00 | 23.99 1.78 0.00 | 34.88 2.66 0.00 | 27.95 2.31 -0.30 | 36.98 3.13 0.00 | 39.62 3.27 -0.45 | 55.60 4.57 0.00 | 44.91 3.45 0.00 | 39.03 3.05 0.00 | 39.51 3.11 0.00 | 54.20 3.86 -1.27 | 63.99 5.41 -1.46 | 74.23 5.26 0.00 | 80.54 5.18 0.00 | 59.24 4.44 0.00 | 48.57 3.70 0.00 | 39.06 2.87 0.00 | 35.24 2.60 0.00 | 35.67 2.42 0.00 |
| V_F_30_NSYNC__DSASP 323816 | 28.14 1.63 0.00 | 25.57 1.48 0.00 | 24.99 1.37 0.00 | 22.90 1.24 0.00 | 21.21 1.14 0.00 | 26.47 0.84 -11.36 | 52.54 1.26 -29.07 | 39.09 1.77 -5.10 | 29.45 1.32 -2.80 | 35.58 1.66 -0.08 | 37.70 1.80 0.00 | 53.68 2.65 0.00 | 43.75 2.28 0.00 | 38.01 2.05 0.03 | 38.61 2.21 0.00 | 52.16 3.09 0.00 | 70.97 3.57 -10.29 | 79.73 4.14 -6.62 | 78.72 4.38 1.02 | 58.01 3.21 0.00 | 47.48 2.61 0.00 | 37.96 2.01 0.23 | 33.72 1.70 0.62 | 34.49 1.65 0.41 |
| V_F_30_SYNC_DSASP 323786 | 27.40 0.89 0.00 | 24.94 0.85 0.00 | 24.37 0.75 0.00 | 22.35 0.69 0.00 | 20.71 0.64 0.00 | 26.39 0.48 -11.64 | 52.68 0.68 -29.79 | 38.34 0.90 -5.23 | 28.84 0.63 -2.87 | 34.72 0.80 -0.08 | 36.85 0.94 0.00 | 52.46 1.43 0.00 | 42.80 1.33 0.00 | 37.21 1.25 0.02 | 37.80 1.40 0.00 | 50.96 1.88 0.00 | 69.97 2.22 -10.63 | 78.60 2.49 -7.14 | 76.88 2.44 0.92 | 56.55 1.76 0.00 | 46.24 1.37 0.00 | 36.93 0.96 0.21 | 32.87 0.79 0.56 | 33.62 0.75 0.37 |
| V_XM_10_SYNC_DSASP 323789 | 27.01 0.50 0.00 | 24.28 0.18 0.00 | 23.72 0.10 0.00 | 21.77 0.11 0.00 | 20.06 -0.01 0.00 | 14.12 -0.15 0.00 | 22.19 -0.02 0.00 | 32.75 0.53 0.00 | 26.01 0.67 0.00 | 34.65 0.81 0.00 | 36.53 0.63 0.00 | 51.78 0.75 0.00 | 41.91 0.44 0.00 | 36.19 0.21 0.00 | 36.48 0.09 0.00 | 49.47 0.40 0.00 | 57.68 0.56 0.00 | 70.04 1.06 0.00 | 77.40 2.04 0.00 | 56.27 1.47 0.00 | 46.31 1.44 0.00 | 37.47 1.29 0.00 | 33.45 0.80 0.00 | 33.93 0.69 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|-----------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 28.20 1.69 0.00 | 25.56 1.46 0.00 | 24.90 1.27 0.00 | 22.84 1.18 0.00 | 21.17 1.10 0.00 | -28.81 0.85 43.92 | -88.94 1.26 112.41 | 14.32 1.83 19.73 | 15.98 1.40 10.77 | 35.34 1.79 0.30 | 38.06 2.07 -0.08 | 54.28 3.24 0.00 | 44.38 2.91 0.00 | 38.71 2.71 -0.02 | 39.37 2.98 0.00 | 53.37 4.30 0.00 | 98.79 5.09 -36.57 | 108.61 6.19 -33.44 | 82.25 6.14 -0.75 | 59.15 4.35 0.00 | 48.07 3.20 0.00 | 38.75 2.39 -0.17 | 35.25 2.15 -0.46 | 35.65 2.11 -0.30 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 28.42 1.91 0.00 | 25.75 1.65 0.00 | 25.08 1.46 0.00 | 23.02 1.36 0.00 | 21.35 1.28 0.00 | 56.25 1.00 -40.98 | 128.54 1.46 -104.88 | 52.75 2.12 -18.41 | 37.14 1.63 -10.18 | 36.19 2.07 -0.28 | 38.34 2.35 -0.08 | 54.62 3.58 0.00 | 44.62 3.16 0.00 | 38.98 2.98 -0.02 | 39.62 3.22 0.00 | 53.65 4.57 0.00 | 87.55 5.35 -25.08 | 99.01 6.39 -23.64 | 82.58 6.39 -0.83 | 59.33 4.53 0.00 | 48.27 3.40 0.00 | 38.91 2.54 -0.19 | 35.45 2.30 -0.51 | 35.89 2.32 -0.33 |
| W50THST__13_KV_LOAD 356117 | 28.60 2.09 0.00 | 25.91 1.81 0.00 | 25.24 1.62 0.00 | 23.16 1.49 0.00 | 21.48 1.41 0.00 | 56.35 1.10 -40.98 | 128.73 1.64 -104.88 | 53.03 2.41 -18.41 | 37.38 1.87 -10.18 | 36.52 2.40 -0.28 | 38.68 2.69 -0.08 | 55.09 4.06 0.00 | 44.97 3.51 0.00 | 39.30 3.30 -0.02 | 39.93 3.53 0.00 | 54.08 5.00 0.00 | 88.01 5.81 -25.08 | 99.52 6.90 -23.64 | 83.12 6.93 -0.83 | 59.68 4.88 0.00 | 48.53 3.66 0.00 | 39.11 2.74 -0.19 | 35.63 2.48 -0.51 | 36.09 2.51 -0.33 |
| WADING RIVER_IC_1 23522 | 29.73 2.44 -0.78 | 27.17 2.36 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.16 1.63 -118.33 | 172.16 1.83 -138.12 | 43.79 2.23 -16.22 | 45.41 2.70 -8.86 | 41.37 2.57 -2.89 | 62.03 4.07 -6.92 | 322.87 3.18 -278.22 | 251.33 2.90 -212.44 | 153.39 3.63 -113.37 | 233.39 5.60 -178.72 | 89.63 6.34 -26.17 | 168.94 7.67 -92.29 | 200.84 8.02 -117.46 | 78.96 5.68 -18.48 | 232.65 4.47 -183.31 | 42.43 3.33 -2.92 | 36.04 2.89 -0.51 | 36.38 2.81 -0.33 |
| WADING RIVER_IC_2 23547 | 29.73 2.44 -0.78 | 27.17 2.36 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.16 1.63 -118.33 | 172.16 1.83 -138.12 | 43.79 2.23 -16.22 | 45.41 2.70 -8.86 | 41.37 2.57 -2.89 | 62.03 4.07 -6.92 | 322.87 3.18 -278.22 | 251.33 2.90 -212.44 | 153.39 3.63 -113.37 | 233.39 5.60 -178.72 | 89.63 6.34 -26.17 | 168.94 7.67 -92.29 | 200.84 8.02 -117.46 | 78.96 5.68 -18.48 | 232.65 4.47 -183.31 | 42.43 3.33 -2.92 | 36.04 2.89 -0.51 | 36.38 2.81 -0.33 |
| WADING RIVER_IC_3 23601 | 29.73 2.44 -0.78 | 27.17 2.36 -0.71 | 25.80 2.18 0.00 | 23.64 1.98 0.00 | 21.86 1.79 0.00 | 56.43 1.32 -40.84 | 142.16 1.63 -118.33 | 172.16 1.83 -138.12 | 43.79 2.23 -16.22 | 45.41 2.70 -8.86 | 41.37 2.57 -2.89 | 62.03 4.07 -6.92 | 322.87 3.18 -278.22 | 251.33 2.90 -212.44 | 153.39 3.63 -113.37 | 233.39 5.60 -178.72 | 89.63 6.34 -26.17 | 168.94 7.67 -92.29 | 200.84 8.02 -117.46 | 78.96 5.68 -18.48 | 232.65 4.47 -183.31 | 42.43 3.33 -2.92 | 36.04 2.89 -0.51 | 36.38 2.81 -0.33 |
| WALDENNY_I2_KV_BK2 80841 | 26.39 -0.12 0.00 | 24.17 0.07 0.00 | 23.70 0.08 0.00 | 21.71 0.05 0.00 | 20.09 0.01 0.00 | 14.13 -0.14 0.00 | 22.42 0.21 0.00 | 32.22 0.00 0.00 | 25.53 0.19 0.00 | 34.50 0.66 0.00 | 36.28 0.38 0.00 | 51.21 0.17 0.00 | 41.11 -0.35 0.00 | 35.53 -0.45 0.00 | 35.16 -1.23 0.01 | 40.24 -1.39 7.44 | 47.34 -1.27 8.52 | 67.23 -1.75 0.00 | 73.63 -1.72 0.00 | 53.67 -1.13 0.00 | 43.86 -1.01 0.00 | 35.91 -0.27 0.00 | 32.92 0.28 0.00 | 33.74 0.50 0.00 |
| WALDEN___HYDRO 24148 | 28.23 1.72 0.00 | 25.58 1.48 0.00 | 24.92 1.30 0.00 | 22.86 1.20 0.00 | 21.19 1.12 0.00 | 6.23 0.85 8.89 | 0.71 1.27 22.76 | 30.06 1.84 3.99 | 24.64 1.45 2.14 | 35.57 1.79 0.06 | 38.01 2.02 -0.08 | 54.18 3.14 0.00 | 44.25 2.78 0.00 | 38.50 2.50 -0.02 | 39.12 2.72 0.00 | 53.03 3.96 0.00 | 71.82 4.85 -9.85 | 84.77 5.85 -9.94 | 82.11 6.14 -0.61 | 59.18 4.38 0.00 | 48.15 3.28 0.00 | 38.78 2.46 -0.14 | 35.20 2.18 -0.38 | 35.62 2.12 -0.25 |
| WARRENSBURG____ 23737 | 28.04 1.54 0.00 | 25.45 1.35 0.00 | 24.84 1.22 0.00 | 22.73 1.07 0.00 | 21.06 0.99 0.00 | 26.24 0.73 -11.23 | 52.06 1.10 -28.75 | 38.84 1.58 -5.05 | 29.26 1.16 -2.77 | 35.33 1.41 -0.08 | 37.39 1.49 0.00 | 53.30 2.26 0.00 | 43.45 1.98 0.00 | 37.71 1.75 0.03 | 38.30 1.91 0.00 | 51.88 2.80 0.00 | 70.51 3.19 -10.20 | 79.32 3.69 -6.66 | 78.41 4.02 0.97 | 57.73 2.93 0.00 | 47.38 2.51 0.00 | 37.92 1.96 0.22 | 33.63 1.58 0.59 | 34.36 1.50 0.39 |
| WATERSIDE___6 8 9 23538 | 28.40 1.89 0.00 | 25.73 1.64 0.00 | 25.06 1.44 0.00 | 23.01 1.34 0.00 | 21.34 1.27 0.00 | 56.24 1.00 -40.97 | 128.51 1.45 -104.85 | 52.74 2.13 -18.40 | 37.11 1.60 -10.18 | 36.16 2.03 -0.28 | 38.24 2.25 -0.08 | 54.42 3.39 0.00 | 44.53 3.07 0.00 | 38.90 2.90 -0.02 | 39.54 3.14 0.00 | 53.52 4.45 0.00 | 62.86 5.11 -0.64 | 78.12 6.17 -2.98 | 82.32 6.14 -0.82 | 59.15 4.36 0.00 | 48.12 3.25 0.00 | 38.83 2.46 -0.19 | 35.43 2.28 -0.51 | 33.72 2.32 1.84 |
| WATKINRD_115KV_LN8_ILLION 55919 | 26.59 0.08 0.00 | 24.16 0.06 0.00 | 23.61 -0.01 0.00 | 21.68 0.02 0.00 | 20.06 -0.01 0.00 | 14.29 0.02 0.00 | 22.29 0.09 0.00 | 32.27 0.05 0.00 | 25.36 0.02 0.00 | 33.80 -0.04 0.00 | 35.94 0.04 0.00 | 51.20 0.17 0.00 | 41.71 0.24 0.00 | 36.20 0.21 0.00 | 36.71 0.32 0.00 | 49.50 0.42 0.00 | 57.55 0.43 0.00 | 69.24 0.27 0.00 | 75.53 0.18 0.00 | 54.91 0.11 0.00 | 45.02 0.15 0.00 | 36.27 0.09 0.00 | 32.67 0.03 0.00 | 33.20 -0.04 0.00 |
| WATSON___69_KV_BK 1 55734 | 30.29 3.00 -0.78 | 27.52 2.72 -0.71 | 26.08 2.46 0.00 | 23.87 2.20 0.00 | 22.11 2.04 0.00 | 56.62 1.51 -40.84 | 142.59 2.05 -118.33 | 173.07 2.74 -138.12 | 44.22 2.66 -16.22 | 46.16 3.46 -8.86 | 42.14 3.34 -2.89 | 63.09 5.12 -6.92 | 324.08 4.40 -278.22 | 252.31 3.88 -212.45 | 154.34 4.57 -113.37 | 225.61 6.58 -169.95 | 90.60 7.32 -26.16 | 138.51 9.03 -60.50 | 146.11 9.38 -61.38 | 79.89 6.66 -18.43 | 233.50 5.32 -183.31 | 43.19 4.08 -2.92 | 36.75 3.60 -0.51 | 37.10 3.52 -0.33 |
| WDELAWARE___HYD 323627 | 27.94 1.43 0.00 | 25.30 1.21 0.00 | 24.65 1.03 0.00 | 22.60 0.94 0.00 | 20.95 0.88 0.00 | 7.49 0.67 7.45 | 4.13 0.99 19.07 | 30.33 1.47 3.35 | 24.75 1.19 1.78 | 35.12 1.32 0.05 | 36.61 0.62 -0.09 | 52.29 1.25 0.00 | 42.81 1.34 0.00 | 37.30 1.30 -0.01 | 37.95 1.55 0.00 | 51.54 2.47 0.00 | 60.27 3.15 0.00 | 73.90 4.03 -0.90 | 79.77 4.01 -0.40 | 57.67 2.87 0.00 | 46.89 2.02 0.00 | 37.72 1.44 -0.09 | 34.79 1.91 -0.24 | 35.23 1.82 -0.16 |
| WEST BABYLON___IC 23714 | 30.15 2.87 -0.78 | 27.39 2.58 -0.71 | 25.95 2.33 0.00 | 23.75 2.08 0.00 | 22.00 1.93 0.00 | 56.54 1.43 -40.84 | 142.52 1.98 -118.33 | 173.11 2.78 -138.12 | 44.10 2.55 -16.22 | 46.04 3.33 -8.86 | 42.11 3.31 -2.89 | 62.98 5.02 -6.92 | 324.02 4.34 -278.22 | 252.26 3.83 -212.44 | 154.22 4.45 -113.37 | 217.95 6.22 -162.66 | 90.32 7.04 -26.16 | 113.94 8.66 -36.31 | 102.97 8.94 -18.67 | 79.06 6.36 -17.91 | 233.27 5.08 -183.31 | 42.99 3.89 -2.92 | 36.59 3.44 -0.51 | 36.94 3.37 -0.33 |
| WEST CANADA___HYD 24049 | 26.51 0.00 0.00 | 24.10 0.00 0.00 | 23.60 -0.02 0.00 | 21.66 0.00 0.00 | 20.06 -0.01 0.00 | 14.27 0.00 0.00 | 22.23 0.02 0.00 | 32.25 0.03 0.00 | 25.36 0.02 0.00 | 33.85 0.01 0.00 | 35.94 0.04 0.00 | 51.09 0.06 0.00 | 41.54 0.07 0.00 | 36.06 0.07 0.00 | 36.47 0.08 0.00 | 49.14 0.07 0.00 | 57.20 0.08 0.00 | 68.99 0.02 0.00 | 75.36 0.00 0.00 | 54.80 0.00 0.00 | 44.88 0.00 0.00 | 36.22 0.04 0.00 | 32.67 0.03 0.00 | 33.28 0.03 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|------------------------|------------------------|-------------------------|
| WESTERN_NY_WIND 24143 | 26.85 0.34 0.00 | 24.56 0.46 0.00 | 24.05 0.43 0.00 | 22.02 0.36 0.00 | 20.37 0.30 0.00 | 14.34 0.07 0.00 | 22.73 0.52 0.00 | 32.68 0.47 0.00 | 25.89 0.56 0.00 | 34.96 1.11 0.00 | 36.75 0.84 0.00 | 51.86 0.82 0.00 | 41.62 0.15 0.00 | 36.10 0.11 0.00 | 35.82 -0.58 0.00 | 44.26 -0.66 4.15 | 51.93 -0.43 4.75 | 68.08 -0.89 0.00 | 74.79 -0.57 0.00 | 54.59 -0.21 0.00 | 44.66 -0.21 0.00 | 36.51 0.34 0.00 | 33.40 0.76 0.00 | 34.17 0.93 0.00 |
| WESTOVER___LESR 323668 | 26.81 0.30 0.00 | 24.34 0.24 0.00 | 23.78 0.16 0.00 | 21.78 0.12 0.00 | 20.21 0.14 0.00 | 14.40 0.13 0.00 | 22.58 0.37 0.00 | 32.68 0.46 0.00 | 26.20 0.55 -0.32 | 34.61 0.77 0.00 | 37.20 0.82 -0.48 | 51.95 0.91 0.00 | 42.06 0.59 0.00 | 36.55 0.56 0.00 | 36.73 0.33 0.00 | 49.79 0.72 0.00 | 58.04 0.92 0.00 | 69.85 0.87 0.00 | 76.20 0.84 0.00 | 55.47 0.67 0.00 | 45.29 0.42 0.00 | 36.64 0.45 0.00 | 33.11 0.47 0.00 | 33.70 0.46 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.86 -0.65 0.00 | 23.69 -0.41 0.00 | 23.27 -0.35 0.00 | 21.34 -0.32 0.00 | 19.76 -0.31 0.00 | 13.94 -0.32 0.00 | 22.17 -0.04 0.00 | 31.95 -0.27 0.00 | 25.48 0.05 -0.10 | 34.24 0.40 0.00 | 36.26 0.21 -0.15 | 50.91 -0.13 0.00 | 40.69 -0.78 0.00 | 34.98 -1.00 0.00 | 34.63 -1.75 0.03 | 20.85 -2.05 26.17 | 25.07 -2.07 29.98 | 66.52 -2.46 0.00 | 72.95 -2.40 0.00 | 53.30 -1.50 0.00 | 43.64 -1.23 0.00 | 35.78 -0.40 0.00 | 32.61 -0.03 0.00 | 33.43 0.18 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 28.08 1.57 0.00 | 25.46 1.36 0.00 | 24.80 1.18 0.00 | 22.76 1.09 0.00 | 21.09 1.02 0.00 | -29.23 0.79 44.29 | -89.97 1.15 113.33 | 14.00 1.68 19.89 | 15.75 1.27 10.85 | 35.15 1.61 0.30 | 37.87 1.88 -0.08 | 53.97 2.94 0.00 | 44.12 2.65 0.00 | 38.49 2.48 -0.02 | 39.13 2.74 0.00 | 53.04 3.97 0.00 | 97.44 4.72 -35.61 | 107.32 5.73 -32.61 | 81.75 5.64 -0.75 | 58.80 4.00 0.00 | 47.81 2.93 0.00 | 38.54 2.18 -0.17 | 35.07 1.97 -0.46 | 35.49 1.94 -0.30 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 28.08 1.57 0.00 | 25.46 1.36 0.00 | 24.80 1.18 0.00 | 22.76 1.09 0.00 | 21.09 1.02 0.00 | -29.23 0.79 44.29 | -89.97 1.15 113.33 | 14.00 1.68 19.89 | 15.75 1.27 10.85 | 35.15 1.61 0.30 | 37.87 1.88 -0.08 | 53.97 2.94 0.00 | 44.12 2.65 0.00 | 38.49 2.48 -0.02 | 39.13 2.74 0.00 | 53.04 3.97 0.00 | 97.44 4.72 -35.61 | 107.32 5.73 -32.61 | 81.75 5.64 -0.75 | 58.80 4.00 0.00 | 47.81 2.93 0.00 | 38.54 2.18 -0.17 | 35.07 1.97 -0.46 | 35.49 1.94 -0.30 |
| WHITEHAL_115KV_TB1 80871 | 29.13 2.62 0.00 | 26.34 2.24 0.00 | 25.74 2.12 0.00 | 23.45 1.78 0.00 | 21.73 1.66 0.00 | 26.73 1.18 -11.29 | 52.80 1.70 -28.88 | 39.77 2.48 -5.07 | 29.91 1.79 -2.78 | 36.05 2.13 -0.08 | 38.29 2.38 0.00 | 54.39 3.35 0.00 | 44.26 2.79 0.00 | 38.50 2.54 0.03 | 39.41 3.02 0.00 | 53.76 4.69 0.00 | 72.02 4.66 -10.24 | 80.95 5.34 -6.64 | 80.65 6.28 0.99 | 59.27 4.47 0.00 | 48.49 3.62 0.00 | 39.02 3.07 0.23 | 34.47 2.43 0.60 | 35.30 2.45 0.40 |
| WHITEPLN_13_KV_LOAD 356215 | 28.44 1.94 0.00 | 25.79 1.69 0.00 | 25.12 1.50 0.00 | 23.05 1.38 0.00 | 21.37 1.30 0.00 | 57.25 0.99 -41.99 | 131.15 1.49 -107.45 | 53.22 2.15 -18.86 | 37.38 1.67 -10.38 | 36.33 2.20 -0.29 | 38.63 2.64 -0.08 | 55.03 4.00 0.00 | 45.01 3.55 0.00 | 39.30 3.29 -0.02 | 39.96 3.56 0.00 | 53.83 4.76 0.00 | 88.33 5.57 -25.65 | 99.79 6.69 -24.13 | 82.92 6.74 -0.82 | 59.55 4.75 0.00 | 48.41 3.54 0.00 | 39.05 2.68 -0.19 | 35.54 2.39 -0.51 | 35.94 2.37 -0.33 |
| WM_FLOYD_69_KV_BK2 356380 | 29.97 2.68 -0.78 | 27.32 2.51 -0.71 | 25.92 2.30 0.00 | 23.73 2.07 0.00 | 21.96 1.89 0.00 | 56.50 1.40 -40.84 | 142.30 1.76 -118.33 | 172.40 2.07 -138.12 | 43.95 2.39 -16.22 | 45.71 3.00 -8.86 | 41.71 2.91 -2.89 | 62.49 4.53 -6.92 | 323.33 3.64 -278.22 | 251.70 3.27 -212.44 | 153.68 3.92 -113.37 | 234.04 5.96 -179.01 | 90.09 6.81 -26.16 | 170.50 8.22 -93.30 | 203.18 8.57 -119.25 | 79.37 6.08 -18.49 | 233.01 4.82 -183.31 | 42.73 3.62 -2.92 | 36.31 3.16 -0.51 | 36.67 3.09 -0.33 |
| WOODARD___115KV_TB2 355635 | 26.20 -0.31 0.00 | 23.82 -0.27 0.00 | 23.30 -0.32 0.00 | 21.35 -0.32 0.00 | 19.79 -0.28 0.00 | 14.07 -0.19 0.00 | 22.03 -0.18 0.00 | 31.90 -0.32 0.00 | 25.31 -0.21 -0.19 | 33.59 -0.25 0.00 | 35.95 -0.24 -0.28 | 50.70 -0.34 0.00 | 41.14 -0.33 0.00 | 35.66 -0.32 0.00 | 35.91 -0.48 0.00 | 48.46 -0.61 0.00 | 56.47 -0.65 0.00 | 68.14 -0.84 0.00 | 74.46 -0.90 0.00 | 54.16 -0.64 0.00 | 44.27 -0.60 0.00 | 35.77 -0.41 0.00 | 32.34 -0.30 0.00 | 32.94 -0.30 0.00 |
| YORK___WARBASSE 23770 | 28.53 2.02 0.00 | 25.85 1.76 0.00 | 25.18 1.56 0.00 | 23.10 1.44 0.00 | 21.42 1.35 0.00 | 56.32 1.08 -40.97 | 128.63 1.56 -104.85 | 52.88 2.26 -18.40 | 37.20 1.69 -10.18 | 36.27 2.15 -0.28 | 38.43 2.45 -0.08 | 54.79 3.75 0.00 | 44.79 3.32 0.00 | 39.10 3.09 -0.02 | 39.76 3.36 0.00 | 53.84 4.77 0.00 | 116.16 5.45 -53.58 | 123.31 6.58 -47.75 | 82.79 6.60 -0.84 | 59.49 4.69 -0.01 | 48.41 3.53 0.00 | 39.07 2.69 -0.20 | 35.65 2.50 -0.51 | 50.67 2.49 -14.93 |