

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/07/2025

| 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 | 50.99 | 46.79 | 42.17 | 41.78 | 37.58 | 43.20 | 42.69 | 51.09 | 55.95 | 59.55 | 65.62 | 74.35 | 89.94 | 80.19 | 70.13 | 53.72 | 53.97 | 53.36 | 54.82 | 57.05 | 69.55 | 75.03 | 77.56 | 61.65 |
| 24138 | 2.72 | 2.98 | 2.84 | 2.70 | 2.36 | 2.68 | 2.79 | 3.09 | 3.17 | 3.14 | 3.55 | 4.44 | 6.06 | 5.89 | 5.79 | 5.10 | 5.10 | 4.91 | 4.57 | 4.76 | 5.01 | 4.45 | 4.07 | 2.73 |
| | 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 |
| 74TH STREET_GT_1 | 51.02 | 46.74 | 42.11 | 41.75 | 37.57 | 43.15 | 42.61 | 50.98 | 55.82 | 59.45 | 65.66 | 74.36 | 89.88 | 80.13 | 70.15 | 53.69 | 53.90 | 53.31 | 54.81 | 57.08 | 69.65 | 75.22 | 77.82 | 61.89 |
| 24260 | 2.74 | 2.94 | 2.77 | 2.67 | 2.35 | 2.63 | 2.71 | 2.97 | 3.04 | 3.05 | 3.59 | 4.45 | 5.99 | 5.83 | 5.80 | 5.08 | 5.03 | 4.87 | 4.57 | 4.80 | 5.11 | 4.64 | 4.32 | 2.96 |
| | 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 |
| 74TH STREET_GT_2 | 51.02 | 46.74 | 42.11 | 41.75 | 37.57 | 43.15 | 42.61 | 50.98 | 55.82 | 59.45 | 65.66 | 74.36 | 89.88 | 80.13 | 70.15 | 53.69 | 53.90 | 53.31 | 54.81 | 57.08 | 69.65 | 75.22 | 77.82 | 61.89 |
| 24261 | 2.74 | 2.94 | 2.77 | 2.67 | 2.35 | 2.63 | 2.71 | 2.97 | 3.04 | 3.05 | 3.59 | 4.45 | 5.99 | 5.83 | 5.80 | 5.08 | 5.03 | 4.87 | 4.57 | 4.80 | 5.11 | 4.64 | 4.32 | 2.96 |
| | 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 |
| ADK HUDSON___FALLS | 50.96 | 46.38 | 41.73 | 41.37 | 37.18 | 42.72 | 41.97 | 50.38 | 55.42 | 59.28 | 64.74 | 72.70 | 87.58 | 77.95 | 67.99 | 51.72 | 52.11 | 51.78 | 54.35 | 56.68 | 69.79 | 75.46 | 78.09 | 62.36 |
| 24011 | 2.68 | 2.58 | 2.40 | 2.28 | 1.96 | 2.20 | 2.06 | 2.38 | 2.64 | 2.88 | 2.67 | 2.79 | 3.69 | 3.65 | 3.65 | 3.11 | 3.24 | 3.33 | 4.10 | 4.39 | 5.26 | 4.88 | 4.59 | 3.43 |
| | 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 |
| ADK RESOURCE___RCVRY | 51.19 | 46.54 | 41.84 | 41.46 | 37.24 | 42.78 | 42.03 | 50.52 | 55.54 | 59.38 | 64.86 | 72.68 | 87.58 | 77.94 | 68.01 | 51.86 | 52.20 | 51.84 | 54.47 | 56.89 | 70.07 | 75.61 | 78.24 | 62.57 |
| 23798 | 2.91 | 2.74 | 2.50 | 2.37 | 2.02 | 2.26 | 2.13 | 2.52 | 2.76 | 2.98 | 2.79 | 2.77 | 3.69 | 3.63 | 3.66 | 3.25 | 3.33 | 3.39 | 4.23 | 4.60 | 5.53 | 5.03 | 4.75 | 3.64 |
| | 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 |
| ADK S GLENS___FALLS | 50.96 | 46.38 | 41.73 | 41.37 | 37.18 | 42.72 | 41.97 | 50.38 | 55.42 | 59.28</ | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.47 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.50 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.22 0.00 | 74.69 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.61 0.74 0.00 | 49.26 0.81 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.90 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| ALBANY___3 23573 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.47 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.50 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.22 0.00 | 74.69 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.61 0.74 0.00 | 49.26 0.81 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.90 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| ALBANY___4 23574 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.47 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.50 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.22 0.00 | 74.69 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.61 0.74 0.00 | 49.26 0.81 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.90 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| ALBANY___LFGE 323615 | 48.89 0.61 0.00 | 44.66 0.86 0.00 | 40.34 1.01 0.00 | 40.05 0.96 0.00 | 36.03 0.81 0.00 | 41.36 0.84 0.00 | 40.67 0.77 0.00 | 48.69 0.69 0.00 | 53.62 0.84 0.00 | 57.32 0.91 0.00 | 62.93 0.86 0.00 | 70.86 0.94 0.00 | 85.39 1.50 0.00 | 75.88 1.57 0.00 | 66.23 1.89 0.00 | 50.17 1.55 0.00 | 50.44 1.57 0.00 | 50.07 1.62 0.00 | 51.95 1.70 0.00 | 54.01 1.73 0.00 | 66.42 1.89 0.00 | 72.04 1.47 0.00 | 74.81 1.32 0.00 | 59.63 0.71 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 48.64 0.36 0.00 | 43.88 0.08 0.00 | 39.15 -0.18 0.00 | 38.98 -0.10 0.00 | 35.19 -0.03 0.00 | 40.59 0.07 0.00 | 40.12 0.22 0.00 | 48.45 0.44 0.00 | 53.10 0.33 0.00 | 56.68 0.27 0.00 | 62.36 0.28 0.00 | 69.97 0.05 0.00 | 83.40 -0.49 0.00 | 73.82 -0.49 0.00 | 63.06 -1.29 0.00 | 47.17 -1.45 0.00 | 47.53 -1.34 0.00 | 47.08 -1.37 0.00 | 48.76 -1.49 0.00 | 50.72 -1.57 0.00 | 63.42 -1.12 0.00 | 69.98 -0.60 0.00 | 73.24 -0.26 0.00 | 59.27 0.35 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 48.64 0.36 0.00 | 43.88 0.08 0.00 | 39.15 -0.18 0.00 | 38.98 -0.10 0.00 | 35.19 -0.03 0.00 | 40.59 0.07 0.00 | 40.12 0.22 0.00 | 48.45 0.44 0.00 | 53.10 0.33 0.00 | 56.68 0.27 0.00 | 62.36 0.28 0.00 | 69.97 0.05 0.00 | 83.40 -0.49 0.00 | 73.82 -0.49 0.00 | 63.06 -1.29 0.00 | 47.17 -1.45 0.00 | 47.53 -1.34 0.00 | 47.08 -1.37 0.00 | 48.76 -1.49 0.00 | 50.72 -1.57 0.00 | 63.42 -1.12 0.00 | 69.98 -0.60 0.00 | 73.24 -0.26 0.00 | 59.27 0.35 0.00 |
| ALCOA___DSASP 323711 | 48.64 0.36 0.00 | 43.88 0.08 0.00 | 39.15 -0.18 0.00 | 38.98 -0.10 0.00 | 35.19 -0.03 0.00 | 40.59 0.07 0.00 | 40.12 0.22 0.00 | 48.45 0.44 0.00 | 53.11 0.33 0.00 | 56.68 0.27 0.00 | 62.36 0.29 0.00 | 69.97 0.05 0.00 | 83.39 -0.50 0.00 | 73.82 -0.48 0.00 | 63.06 -1.29 0.00 | 47.17 -1.45 0.00 | 47.53 -1.34 0.00 | 47.08 -1.37 0.00 | 48.76 -1.49 0.00 | 50.72 -1.57 0.00 | 63.42 -1.12 0.00 | 69.98 -0.60 0.00 | 73.24 -0.26 0.00 | 59.27 0.35 0.00 |
| ALLEGHENY___COGEN 23514 | 49.22 0.94 0.00 | 44.16 0.36 0.00 | 39.50 0.17 0.00 | 39.20 0.11 0.00 | 35.16 -0.06 0.00 | 40.81 0.28 0.00 | 39.99 0.09 0.00 | 48.31 0.31 0.00 | 52.49 -0.28 0.00 | 56.52 0.11 0.00 | 61.92 -0.15 0.00 | 69.58 -0.33 0.00 | 84.76 0.87 0.00 | 72.79 -1.51 0.00 | 62.08 -2.27 0.00 | 46.86 -1.76 0.00 | 59.13 -1.93 -12.19 | 62.67 -2.56 -16.78 | 48.14 -2.10 0.00 | 51.52 -0.77 0.00 | 64.31 -0.22 0.00 | 75.56 4.98 0.00 | 77.14 3.64 0.00 | 61.26 2.34 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 48.92 0.64 0.00 | 44.68 0.88 0.00 | 40.36 1.03 0.00 | 40.06 0.98 0.00 | 36.06 0.84 0.00 | 41.40 0.87 0.00 | 40.68 0.77 0.00 | 48.68 0.68 0.00 | 53.57 0.79 0.00 | 57.18 0.78 0.00 | 62.84 0.77 0.00 | 70.74 0.83 0.00 | 85.20 1.31 0.00 | 75.61 1.30 0.00 | 65.94 1.59 0.00 | 49.90 1.29 0.00 | 50.19 1.32 0.00 | 49.77 1.33 0.00 | 51.68 1.43 0.00 | 53.79 1.50 0.00 | 66.18 1.64 0.00 | 71.90 1.32 0.00 | 74.70 1.20 0.00 | 59.60 0.67 0.00 |
| ALTONA_WT_PWR 323606 | 48.01 -0.27 0.00 | 43.24 -0.56 0.00 | 38.36 -0.97 0.00 | 38.48 -0.60 0.00 | 34.94 -0.28 0.00 | 40.50 -0.02 0.00 | 39.79 -0.11 0.00 | 48.12 0.11 0.00 | 52.52 -0.25 0.00 | 55.99 -0.41 0.00 | 61.20 -0.87 0.00 | 68.54 -1.38 0.00 | 82.31 -1.58 0.00 | 72.85 -1.46 0.00 | 62.77 -1.57 0.00 | 46.74 -1.87 0.00 | 47.31 -1.56 0.00 | 46.90 -1.55 0.00 | 48.59 -1.66 0.00 | 50.52 -1.77 0.00 | 62.70 -1.84 0.00 | 69.05 -1.53 0.00 | 72.12 -1.38 0.00 | 58.34 -0.58 0.00 |
| AMERICAN_REF_FUEL 24010 | 47.18 -1.10 0.00 | 42.36 -1.44 0.00 | 37.80 -1.53 0.00 | 37.50 -1.58 0.00 | 33.54 -1.68 0.00 | 38.99 -1.53 0.00 | 37.79 -2.12 0.00 | 45.92 -2.08 0.00 | 50.77 -2.01 0.00 | 55.45 -0.95 0.00 | 60.48 -1.59 0.00 | 67.48 -2.43 0.00 | 81.78 -2.11 0.00 | 71.67 -2.64 0.00 | 61.96 -2.38 0.00 | 46.82 -1.79 0.00 | 44.27 -1.84 2.76 | 42.58 -2.02 3.84 | 48.18 -2.07 0.00 | 50.35 -1.94 0.00 | 61.70 -2.84 0.00 | 67.75 -2.84 0.00 | 70.89 -2.60 0.00 | 57.50 -1.43 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 46.82 -1.46 0.00 | 42.28 -1.52 0.00 | 37.63 -1.70 0.00 | 37.37 -1.72 0.00 | 33.35 -1.87 0.00 | 38.90 -1.63 0.00 | 38.06 -1.84 0.00 | 46.85 -1.15 0.00 | 52.40 -0.37 0.00 | 57.59 1.19 0.00 | 63.00 0.93 0.00 | 70.64 0.73 0.00 | 85.48 1.59 0.00 | 74.24 -0.06 0.00 | 64.49 0.15 0.00 | 49.44 0.83 0.00 | 47.32 0.79 2.35 | 46.06 0.84 3.23 | 51.64 1.39 0.00 | 54.18 1.90 0.00 | 66.04 1.50 0.00 | 72.09 1.51 0.00 | 75.01 1.51 0.00 | 59.86 0.94 0.00 |
| ARTHUR KILL_GT_1 23520 | 50.66 2.38 0.00 | 46.59 2.79 0.00 | 41.85 2.52 0.00 | 41.47 2.38 0.00 | 37.29 2.08 0.00 | 42.87 2.35 0.00 | 42.38 2.48 0.00 | 50.40 2.40 0.00 | 54.82 2.04 0.00 | 56.37 1.80 1.84 | 64.29 2.22 0.00 | 72.88 2.97 0.00 | 87.98 4.09 0.00 | 78.49 4.18 0.00 | 68.86 4.52 0.00 | 52.99 4.38 0.00 | 53.23 4.36 0.00 | 52.78 4.34 0.00 | 54.18 3.93 0.00 | 56.62 4.33 0.00 | 69.04 4.49 0.00 | 74.58 4.01 0.00 | 77.17 3.67 0.00 | 61.46 2.54 0.00 |
| ARTHUR_KILL_2 23512 | 50.43 2.16 0.00 | 46.41 2.61 0.00 | 41.70 2.37 0.00 | 41.31 2.23 0.00 | 37.17 1.95 0.00 | 42.72 2.19 0.00 | 42.22 2.32 0.00 | 50.20 2.20 0.00 | 54.60 1.83 0.00 | 56.10 1.54 1.84 | 64.03 1.96 0.01 | 72.57 2.66 0.00 | 87.60 3.72 0.01 | 78.15 3.85 0.00 | 68.56 4.22 0.00 | 52.74 4.13 0.00 | 53.00 4.14 0.00 | 52.52 4.08 0.00 | 53.93 3.68 0.00 | 56.35 4.07 0.00 | 68.71 4.17 0.00 | 74.26 3.68 0.00 | 76.83 3.33 0.00 | 61.20 2.27 0.00 |
| ARTHUR_KILL_3 23513 | 50.33 2.05 0.00 | 46.14 2.33 0.00 | 41.56 2.23 0.00 | 41.20 2.12 0.00 | 37.07 1.85 0.00 | 42.58 2.06 0.00 | 42.05 2.15 0.00 | 50.25 2.25 0.00 | 54.98 2.21 0.00 | 56.65 2.10 1.85 | 64.50 2.44 0.01 | 73.08 3.17 0.00 | 88.31 4.42 0.00 | 78.76 4.46 0.00 | 68.95 4.60 0.00 | 52.86 4.24 0.00 | 53.04 4.17 0.00 | 52.47 4.03 0.00 | 53.94 3.69 0.00 | 56.19 3.91 0.00 | 68.52 3.98 0.00 | 73.96 3.38 0.00 | 76.51 3.01 0.00 | 60.88 1.95 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ARTHUR_KILL_COGEN 323718 | 50.66 2.38 0.00 | 46.59 2.79 0.00 | 41.85 2.52 0.00 | 41.47 2.38 0.00 | 37.30 2.08 0.00 | 42.87 2.35 0.00 | 42.38 2.48 0.00 | 50.40 2.39 0.00 | 54.82 2.04 0.00 | 56.34 1.78 1.84 | 64.28 2.21 0.01 | 72.87 2.97 0.00 | 87.95 4.07 0.01 | 78.49 4.18 0.00 | 68.86 4.52 0.00 | 53.00 4.39 0.00 | 53.25 4.38 0.00 | 52.76 4.32 0.00 | 54.18 3.93 0.00 | 56.62 4.33 0.00 | 69.04 4.49 0.00 | 74.61 4.03 0.00 | 77.17 3.67 0.00 | 61.46 2.54 0.00 |
| ASHOKAN____ 23654 | 50.90 2.62 0.00 | 46.29 2.49 0.00 | 41.73 2.41 0.00 | 41.38 2.29 0.00 | 37.20 1.98 0.00 | 42.73 2.21 0.00 | 42.01 2.10 0.00 | 50.23 2.23 0.00 | 55.33 2.56 0.00 | 59.20 2.80 0.00 | 65.02 2.95 0.00 | 73.26 3.35 0.00 | 88.00 4.12 0.00 | 78.39 4.08 0.00 | 68.62 4.28 0.00 | 52.13 3.51 0.00 | 52.46 3.59 0.00 | 52.12 3.67 0.00 | 54.25 4.00 0.00 | 56.62 4.33 0.00 | 69.47 4.93 0.00 | 75.14 4.56 0.00 | 77.56 4.07 0.00 | 61.50 2.58 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 50.64 2.36 0.00 | 46.48 2.68 0.00 | 41.85 2.52 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.41 2.50 0.00 | 50.53 2.53 0.00 | 55.15 2.37 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.14 3.23 0.00 | 88.44 4.51 -0.05 | 78.86 4.55 -0.01 | 69.11 4.76 -0.01 | 53.23 4.53 -0.08 | 53.38 4.39 -0.12 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.92 3.42 0.00 | 61.32 2.40 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 50.64 2.36 0.00 | 46.48 2.68 0.00 | 41.85 2.52 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.41 2.50 0.00 | 50.53 2.53 0.00 | 55.15 2.37 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.14 3.23 0.00 | 88.44 4.51 -0.05 | 78.86 4.55 -0.01 | 69.11 4.76 -0.01 | 53.23 4.53 -0.08 | 53.38 4.39 -0.12 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.92 3.42 0.00 | 61.32 2.40 0.00 |
| ASTORIA_GT2_1 24094 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT2_2 24095 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT2_3 24096 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT2_4 24097 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT3_1 24098 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT3_2 24099 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT3_3 24100 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT3_4 24101 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT4_1 24102 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT4_2 24103 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT4_3 24104 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.55 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.52 0.00 | 50.56 2.55 0.00 | 55.17 2.40 0.00 | 58.69 2.29 0.00 | 64.68 2.60 0.00 | 73.20 3.28 0.00 | 88.49 4.56 -0.05 | 78.89 4.59 0.00 | 69.15 4.81 0.00 | 53.25 4.55 -0.08 | 53.40 4.40 -0.12 | 52.76 4.32 0.00 | 54.10 3.86 0.00 | 56.43 4.14 0.00 | 68.85 4.31 0.00 | 74.37 3.79 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA_GT_1 23523 | 50.78 2.50 0.00 | 46.61 2.80 0.00 | 41.97 2.63 0.00 | 41.57 2.49 0.00 | 37.39 2.18 0.00 | 42.92 2.40 0.00 | 42.52 2.61 0.00 | 50.68 2.68 0.00 | 55.31 2.53 0.00 | 58.84 2.44 0.00 | 64.85 2.78 0.00 | 73.40 3.49 0.00 | 88.75 4.81 -0.05 | 79.13 4.83 0.00 | 69.37 5.02 0.00 | 53.41 4.72 -0.08 | 53.56 4.57 -0.12 | 52.92 4.47 0.00 | 54.25 4.01 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.58 4.00 0.00 | 77.20 3.70 0.00 | 61.52 2.60 0.00 |
| ASTORIA_GT_10 24110 | 50.35 2.07 0.00 | 46.28 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.40 2.00 0.00 | 64.43 2.36 0.00 | 72.96 3.05 0.00 | 88.13 4.24 0.00 | 78.64 4.33 0.00 | 68.93 4.59 0.00 | 53.01 4.39 0.00 | 53.19 4.32 0.00 | 52.69 4.25 0.00 | 54.03 3.79 0.00 | 56.34 4.05 0.00 | 68.69 4.15 0.00 | 74.18 3.60 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA_GT_11 24225 | 50.35 2.07 0.00 | 46.28 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.40 2.00 0.00 | 64.43 2.36 0.00 | 72.96 3.05 0.00 | 88.13 4.24 0.00 | 78.64 4.33 0.00 | 68.93 4.59 0.00 | 53.01 4.39 0.00 | 53.19 4.32 0.00 | 52.69 4.25 0.00 | 54.03 3.79 0.00 | 56.34 4.05 0.00 | 68.69 4.15 0.00 | 74.18 3.60 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA_GT_12 24226 | 50.35 2.07 0.00 | 46.28 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.40 2.00 0.00 | 64.43 2.36 0.00 | 72.96 3.05 0.00 | 88.13 4.24 0.00 | 78.64 4.33 0.00 | 68.93 4.59 0.00 | 53.01 4.39 0.00 | 53.19 4.32 0.00 | 52.69 4.25 0.00 | 54.03 3.79 0.00 | 56.34 4.05 0.00 | 68.69 4.15 0.00 | 74.18 3.60 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA_GT_13 24227 | 50.35 2.07 0.00 | 46.28 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.40 2.00 0.00 | 64.43 2.36 0.00 | 72.96 3.05 0.00 | 88.13 4.24 0.00 | 78.64 4.33 0.00 | 68.93 4.59 0.00 | 53.01 4.39 0.00 | 53.19 4.32 0.00 | 52.69 4.25 0.00 | 54.03 3.79 0.00 | 56.34 4.05 0.00 | 68.69 4.15 0.00 | 74.18 3.60 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA_GT_5 24106 | 50.78 2.50 0.00 | 46.61 2.80 0.00 | 41.97 2.63 0.00 | 41.57 2.49 0.00 | 37.39 2.18 0.00 | 42.92 2.40 0.00 | 42.52 2.61 0.00 | 50.68 2.68 0.00 | 55.31 2.53 0.00 | 58.84 2.44 0.00 | 64.85 2.78 0.00 | 73.40 3.49 0.00 | 88.75 4.81 -0.05 | 79.13 4.83 0.00 | 69.37 5.02 0.00 | 53.41 4.72 -0.08 | 53.56 4.57 -0.12 | 52.92 4.47 0.00 | 54.25 4.01 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.58 4.00 0.00 | 77.20 3.70 0.00 | 61.52 2.60 0.00 |
| ASTORIA_GT_7 24107 | 50.78 2.50 0.00 | 46.61 2.80 0.00 | 41.97 2.63 0.00 | 41.57 2.49 0.00 | 37.39 2.18 0.00 | 42.92 2.40 0.00 | 42.52 2.61 0.00 | 50.68 2.68 0.00 | 55.31 2.53 0.00 | 58.84 2.44 0.00 | 64.85 2.78 0.00 | 73.40 3.49 0.00 | 88.75 4.81 -0.05 | 79.13 4.83 0.00 | 69.37 5.02 0.00 | 53.41 4.72 -0.08 | 53.56 4.57 -0.12 | 52.92 4.47 0.00 | 54.25 4.01 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.58 4.00 0.00 | 77.20 3.70 0.00 | 61.52 2.60 0.00 |
| ASTORIA_GT_8 24108 | 50.78 2.50 0.00 | 46.61 2.80 0.00 | 41.97 2.63 0.00 | 41.57 2.49 0.00 | 37.39 2.18 0.00 | 42.92 2.40 0.00 | 42.52 2.61 0.00 | 50.68 2.68 0.00 | 55.31 2.53 0.00 | 58.84 2.44 0.00 | 64.85 2.78 0.00 | 73.40 3.49 0.00 | 88.75 4.81 -0.05 | 79.13 4.83 0.00 | 69.37 5.02 0.00 | 53.41 4.72 -0.08 | 53.56 4.57 -0.12 | 52.92 4.47 0.00 | 54.25 4.01 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.58 4.00 0.00 | 77.20 3.70 0.00 | 61.52 2.60 0.00 |
| ASTORIA___2 24149 | 50.66 2.38 0.00 | 46.50 2.70 0.00 | 41.87 2.54 0.00 | 41.48 2.40 0.00 | 37.31 2.09 0.00 | 42.83 2.31 0.00 | 42.43 2.53 0.00 | 50.55 2.55 0.00 | 55.17 2.39 0.00 | 58.67 2.27 0.01 | 64.67 2.60 0.01 | 73.19 3.28 0.00 | 88.49 4.55 -0.05 | 78.90 4.58 -0.01 | 69.15 4.80 -0.01 | 53.25 4.56 -0.08 | 53.41 4.42 -0.12 | 52.75 4.31 0.00 | 54.10 3.86 0.00 | 56.42 4.13 0.00 | 68.85 4.31 0.00 | 74.39 3.81 0.00 | 76.98 3.48 0.00 | 61.36 2.44 0.00 |
| ASTORIA___3 23516 | 50.35 2.07 0.00 | 46.27 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.38 1.99 0.01 | 64.42 2.36 0.01 | 72.95 3.04 0.00 | 88.12 4.23 0.01 | 78.64 4.33 0.00 | 68.92 4.57 0.00 | 53.01 4.40 0.00 | 53.21 4.34 0.00 | 52.69 4.24 0.00 | 54.03 3.79 0.00 | 56.33 4.04 0.00 | 68.69 4.15 0.00 | 74.18 3.61 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA___4 23517 | 50.35 2.07 0.00 | 46.28 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.40 2.00 0.00 | 64.43 2.36 0.00 | 72.96 3.04 0.00 | 88.13 4.24 0.00 | 78.64 4.33 0.00 | 68.93 4.59 0.00 | 53.01 4.39 0.00 | 53.19 4.32 0.00 | 52.69 4.25 0.00 | 54.03 3.79 0.00 | 56.34 4.05 0.00 | 68.69 4.15 0.00 | 74.18 3.60 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| ASTORIA___5 23518 | 50.35 2.07 0.00 | 46.27 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.98 2.20 0.00 | 58.38 1.99 0.01 | 64.42 2.36 0.01 | 72.94 3.04 0.00 | 88.12 4.23 0.01 | 78.64 4.33 0.00 | 68.91 4.57 0.00 | 53.01 4.40 0.00 | 53.21 4.34 0.00 | 52.69 4.24 0.00 | 54.03 3.79 0.00 | 56.33 4.04 0.00 | 68.69 4.15 0.00 | 74.18 3.61 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| AST_ENERGY_2_CC3 323677 | 50.50 2.22 0.00 | 46.27 2.47 0.00 | 41.69 2.36 0.00 | 41.32 2.24 0.00 | 37.18 1.96 0.00 | 42.71 2.19 0.00 | 42.18 2.28 0.00 | 50.44 2.43 0.00 | 55.22 2.44 0.00 | 58.77 2.36 0.00 | 64.83 2.76 0.00 | 73.42 3.51 0.00 | 88.73 4.84 0.00 | 79.14 4.84 0.00 | 69.25 4.91 0.00 | 53.04 4.43 0.00 | 53.25 4.38 0.00 | 52.66 4.22 0.00 | 54.16 3.91 0.00 | 56.41 4.12 0.00 | 68.81 4.27 0.00 | 74.30 3.72 0.00 | 76.86 3.36 0.00 | 61.16 2.24 0.00 |
| AST_ENERGY_2_CC4 323678 | 50.50 2.22 0.00 | 46.27 2.47 0.00 | 41.69 2.36 0.00 | 41.32 2.24 0.00 | 37.18 1.96 0.00 | 42.71 2.19 0.00 | 42.18 2.28 0.00 | 50.44 2.43 0.00 | 55.22 2.44 0.00 | 58.77 2.36 0.00 | 64.83 2.76 0.00 | 73.42 3.51 0.00 | 88.73 4.84 0.00 | 79.14 4.84 0.00 | 69.25 4.91 0.00 | 53.04 4.43 0.00 | 53.25 4.38 0.00 | 52.66 4.22 0.00 | 54.16 3.91 0.00 | 56.41 4.12 0.00 | 68.81 4.27 0.00 | 74.30 3.72 0.00 | 76.86 3.36 0.00 | 61.16 2.24 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|
| ATHENS_STG_1 23668 | 49.18 0.90 0.00 | 44.93 1.13 0.00 | 40.62 1.28 0.00 | 40.32 1.23 0.00 | 36.26 1.04 0.00 | 41.63 1.10 0.00 | 40.91 1.00 0.00 | 48.95 0.95 0.00 | 53.78 1.01 0.00 | 57.37 0.97 0.00 | 63.17 1.10 0.00 | 71.29 1.38 0.00 | 85.94 2.06 0.00 | 76.40 2.10 0.00 | 66.73 2.38 0.00 | 50.61 2.00 0.00 | 50.87 2.00 0.00 | 50.43 1.99 0.00 | 52.18 1.93 0.00 | 54.29 2.00 0.00 | 66.64 2.10 0.00 | 72.33 1.75 0.00 | 75.06 1.56 0.00 | 59.81 0.89 0.00 |
| ATHENS_STG_2 23670 | 49.18 0.90 0.00 | 44.93 1.13 0.00 | 40.62 1.28 0.00 | 40.32 1.23 0.00 | 36.26 1.04 0.00 | 41.63 1.10 0.00 | 40.91 1.00 0.00 | 48.95 0.95 0.00 | 53.78 1.01 0.00 | 57.37 0.97 0.00 | 63.17 1.10 0.00 | 71.29 1.38 0.00 | 85.94 2.06 0.00 | 76.40 2.10 0.00 | 66.73 2.38 0.00 | 50.61 2.00 0.00 | 50.87 2.00 0.00 | 50.43 1.99 0.00 | 52.18 1.93 0.00 | 54.29 2.00 0.00 | 66.64 2.10 0.00 | 72.33 1.75 0.00 | 75.06 1.56 0.00 | 59.81 0.89 0.00 |
| ATHENS_STG_3 23677 | 49.18 0.90 0.00 | 44.93 1.13 0.00 | 40.62 1.28 0.00 | 40.32 1.23 0.00 | 36.26 1.04 0.00 | 41.63 1.10 0.00 | 40.91 1.00 0.00 | 48.95 0.95 0.00 | 53.78 1.01 0.00 | 57.37 0.97 0.00 | 63.17 1.10 0.00 | 71.29 1.38 0.00 | 85.94 2.06 0.00 | 76.40 2.10 0.00 | 66.73 2.38 0.00 | 50.61 2.00 0.00 | 50.87 2.00 0.00 | 50.43 1.99 0.00 | 52.18 1.93 0.00 | 54.29 2.00 0.00 | 66.64 2.10 0.00 | 72.33 1.75 0.00 | 75.06 1.56 0.00 | 59.81 0.89 0.00 |
| AUBURN____LFGE 323710 | 51.19 0.61 -2.30 | 45.73 0.48 -1.45 | 40.67 0.29 -1.05 | 40.42 0.32 -1.02 | 35.52 0.21 -0.09 | 42.02 0.35 -1.15 | 41.26 0.25 -1.10 | 50.43 0.50 -1.92 | 55.57 0.51 -2.28 | 59.80 0.56 -2.84 | 65.84 0.56 -3.21 | 74.59 0.90 -3.78 | 89.10 1.59 -3.63 | 75.54 1.11 -0.12 | 65.53 1.19 0.00 | 49.80 1.19 0.00 | 50.14 1.27 0.00 | 49.62 1.17 0.00 | 51.69 1.44 0.00 | 54.00 1.71 0.00 | 66.32 1.78 0.00 | 72.64 1.84 -0.22 | 75.64 1.66 -0.48 | 59.70 0.72 -0.06 |
| BABYLON_RES_REC 323704 | 51.26 2.98 0.00 | 47.14 3.33 0.00 | 42.42 3.09 0.00 | 41.98 2.89 0.00 | 37.71 2.49 0.00 | 43.14 2.61 0.00 | 42.21 2.30 0.00 | 50.28 2.28 0.00 | 55.02 2.24 0.00 | 58.06 2.29 0.63 | 64.89 2.82 0.00 | 73.42 3.51 0.00 | 88.30 4.51 0.10 | 79.27 4.96 0.00 | 70.24 5.64 -0.26 | 64.41 5.04 -10.76 | 72.25 5.24 -18.15 | 81.52 5.10 -27.97 | 69.19 4.85 -14.09 | 71.08 4.80 -14.00 | 83.58 5.08 -13.96 | 83.42 4.87 -7.96 | 78.23 4.15 -0.58 | 61.62 2.70 0.00 |
| BALL_HILL_WT_PWR 323825 | 47.54 -0.74 0.00 | 42.82 -0.98 0.00 | 38.25 -1.08 0.00 | 38.00 -1.08 0.00 | 33.94 -1.28 0.00 | 39.45 -1.08 0.00 | 38.42 -1.48 0.00 | 46.99 -1.01 0.00 | 52.10 -0.68 0.00 | 56.92 0.52 0.00 | 62.25 0.18 0.00 | 69.68 -0.23 0.00 | 84.44 0.55 0.00 | 73.81 -0.50 0.00 | 64.01 -0.34 0.00 | 48.64 0.02 0.00 | 45.88 -0.02 2.97 | 44.32 -0.05 4.08 | 50.53 0.28 0.00 | 52.93 0.64 0.00 | 64.65 0.11 0.00 | 70.72 0.14 0.00 | 73.69 0.19 0.00 | 59.00 0.08 0.00 |
| BARON_WINDS____WT_PWR 323822 | 46.90 -1.38 0.00 | 42.29 -1.52 0.00 | 38.00 -1.33 0.00 | 37.85 -1.23 0.00 | 33.91 -1.31 0.00 | 39.25 -1.27 0.00 | 38.32 -1.59 0.00 | 46.50 -1.51 0.00 | 51.20 -1.58 0.00 | 55.50 -0.90 0.00 | 60.74 -1.33 0.00 | 68.11 -1.81 0.00 | 82.79 -1.16 -0.07 | 72.74 -1.60 -0.03 | 63.37 -0.98 0.00 | 48.08 -0.54 0.00 | 25.23 -1.03 22.61 | 16.55 -0.79 31.09 | 50.28 0.03 0.00 | 52.84 0.55 0.00 | 64.96 0.42 0.00 | 71.42 0.78 -0.06 | 74.28 0.65 -0.13 | 59.07 0.12 -0.02 |
| BARRETT_IC_1 23704 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_10 23701 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 84.97 3.93 2.85 | 78.64 4.33 0.00 | 70.17 4.86 -0.96 | 51.07 4.23 1.78 | 51.79 4.34 1.42 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.47 3.88 -0.01 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_11 23702 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 84.97 3.93 2.85 | 78.64 4.33 0.00 | 70.17 4.86 -0.96 | 51.07 4.23 1.78 | 51.79 4.34 1.42 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.47 3.88 -0.01 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_12 23703 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 84.97 3.93 2.85 | 78.64 4.33 0.00 | 70.17 4.86 -0.96 | 51.07 4.23 1.78 | 51.79 4.34 1.42 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.47 3.88 -0.01 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_2 23705 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_3 23706 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_4 23707 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_5 23708 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|--------------------------|-------------------------|
| BARRETT_IC_6 23709 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_7 23710 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.13 4.00 -0.24 | 78.64 4.34 0.00 | 72.38 4.87 -3.17 | 57.15 4.24 -4.30 | 60.59 4.34 -7.38 | 65.79 4.26 -13.08 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_8 23711 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT_IC_9 23700 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 84.97 3.93 2.85 | 78.64 4.33 0.00 | 70.17 4.86 -0.96 | 51.07 4.23 1.78 | 51.79 4.34 1.42 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.47 3.88 -0.01 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT___1 23545 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 88.06 3.93 -0.24 | 78.64 4.33 0.00 | 72.37 4.86 -3.17 | 57.15 4.23 -4.30 | 60.59 4.34 -7.39 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.50 3.88 -0.05 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BARRETT___2 23546 | 50.79 2.51 0.00 | 46.62 2.81 0.00 | 41.94 2.61 0.00 | 41.53 2.45 0.00 | 37.33 2.11 0.00 | 42.75 2.22 0.00 | 41.86 1.96 0.00 | 49.84 1.84 0.00 | 54.57 1.79 0.00 | 58.21 1.81 0.00 | 64.31 2.24 0.00 | 72.79 2.87 0.00 | 84.97 3.93 2.85 | 78.64 4.33 0.00 | 70.17 4.86 -0.96 | 51.07 4.23 1.78 | 51.79 4.34 1.42 | 65.78 4.25 -13.09 | 54.17 3.92 0.00 | 56.19 3.91 0.00 | 68.59 4.05 0.00 | 74.47 3.88 -0.01 | 127.57 3.45 -50.62 | 78.14 2.31 -16.90 |
| BATAVIA__115KV_TB1 55881 | 49.70 1.42 0.00 | 44.61 0.81 0.00 | 39.79 0.45 0.00 | 39.44 0.36 0.00 | 35.32 0.10 0.00 | 41.03 0.51 0.00 | 40.00 0.10 0.00 | 48.72 0.72 0.00 | 53.74 0.96 0.00 | 58.44 2.03 0.00 | 64.11 2.04 0.00 | 71.77 1.86 0.00 | 86.96 3.08 0.00 | 76.42 2.12 0.00 | 66.44 2.09 0.00 | 50.01 1.39 0.00 | 48.55 1.43 1.74 | 47.11 1.15 2.48 | 51.80 1.55 0.00 | 54.20 1.91 0.00 | 66.29 1.75 0.00 | 72.52 1.94 0.00 | 75.48 1.98 0.00 | 60.61 1.68 0.00 |
| BAYONEEC___CTG1 323682 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG10 323750 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG2 323683 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG3 323684 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG4 323685 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG5 323686 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG6 323687 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG7 323688 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BAYONEEC___CTG9 323749 | 50.56 2.28 0.00 | 46.34 2.54 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.24 2.34 0.00 | 50.50 2.49 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.89 2.82 0.00 | 73.47 3.56 0.00 | 88.80 4.91 0.00 | 79.19 4.89 0.00 | 69.28 4.94 0.00 | 53.07 4.46 0.00 | 53.28 4.41 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.86 4.32 0.00 | 74.34 3.75 0.00 | 76.92 3.42 0.00 | 61.19 2.27 0.00 |
| BEACON___LESR 323632 | 49.00 0.72 0.00 | 44.78 0.97 0.00 | 40.44 1.11 0.00 | 40.14 1.05 0.00 | 36.15 0.93 0.00 | 41.52 0.99 0.00 | 40.79 0.89 0.00 | 48.91 0.91 0.00 | 53.90 1.12 0.00 | 57.59 1.19 0.00 | 63.16 1.08 0.00 | 71.14 1.23 0.00 | 85.61 1.72 0.00 | 76.03 1.72 0.00 | 66.23 1.89 0.00 | 50.09 1.47 0.00 | 50.46 1.59 0.00 | 50.25 1.80 0.00 | 52.27 2.03 0.00 | 54.37 2.08 0.00 | 66.72 2.18 0.00 | 72.36 1.78 0.00 | 75.09 1.59 0.00 | 59.61 0.69 0.00 |
| BEAVER RIVER___HYD 24048 | 50.43 0.50 -1.66 | 45.05 0.21 -1.04 | 39.99 -0.10 -0.75 | 39.68 -0.13 -0.73 | 35.02 -0.26 -0.07 | 41.16 -0.18 -0.82 | 40.54 -0.15 -0.79 | 49.39 -0.10 -1.48 | 54.95 0.33 -1.84 | 59.30 0.80 -2.10 | 65.00 0.62 -2.30 | 73.87 1.24 -2.72 | 88.39 1.93 -2.57 | 76.51 2.14 -0.06 | 65.51 1.16 0.00 | 48.80 0.19 0.00 | 49.60 0.73 0.00 | 49.73 1.28 0.00 | 51.22 0.97 0.00 | 53.64 1.35 0.00 | 67.13 2.59 0.00 | 74.20 3.50 -0.12 | 77.76 4.00 -0.26 | 62.00 3.05 -0.03 |
| BEEBEE_GT_13 23619 | 49.06 0.78 0.00 | 44.20 0.40 0.00 | 39.50 0.17 0.00 | 39.16 0.08 0.00 | 35.10 -0.12 0.00 | 40.65 0.12 0.00 | 39.76 -0.15 0.00 | 48.26 0.26 0.00 | 53.33 0.55 0.00 | 57.80 1.39 0.00 | 63.37 1.30 0.00 | 71.26 1.35 0.00 | 86.32 2.43 0.00 | 76.16 1.85 0.00 | 66.15 1.80 0.00 | 49.96 1.34 0.00 | 50.06 1.16 -0.03 | 49.46 0.98 -0.03 | 51.36 1.11 0.00 | 53.47 1.18 0.00 | 65.54 1.00 0.00 | 71.78 1.19 0.00 | 74.66 1.16 0.00 | 59.74 0.82 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 50.99 2.71 0.00 | 46.79 2.99 0.00 | 42.04 2.70 0.00 | 41.65 2.57 0.00 | 37.46 2.24 0.00 | 43.06 2.53 0.00 | 42.62 2.72 0.00 | 50.82 2.67 0.00 | 55.45 2.82 0.00 | 58.99 2.59 0.00 | 65.18 3.11 0.00 | 73.79 3.88 0.00 | 89.15 5.26 0.00 | 79.52 5.21 0.00 | 69.72 5.37 0.00 | 53.58 4.97 0.00 | 53.84 4.97 0.00 | 53.36 4.91 0.00 | 54.76 4.51 0.00 | 57.13 4.84 0.00 | 69.64 5.10 0.00 | 75.23 4.65 0.00 | 77.82 4.32 0.00 | 62.04 3.12 0.00 |
| BETHLEHEM___GRP 23843 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.47 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.50 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.22 0.00 | 74.69 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.61 0.74 0.00 | 49.26 0.81 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.90 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| BETHLEHEM___GS1 323560 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.48 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.51 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.23 0.00 | 74.70 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.60 0.74 0.00 | 49.25 0.80 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.91 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| BETHLEHEM___GS2 323561 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.48 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.51 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.23 0.00 | 74.70 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.60 0.74 0.00 | 49.25 0.80 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.91 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| BETHLEHEM___GS3 323562 | 48.23 -0.05 0.00 | 44.10 0.30 0.00 | 39.86 0.53 0.00 | 39.56 0.48 0.00 | 35.60 0.38 0.00 | 40.86 0.33 0.00 | 40.18 0.27 0.00 | 48.05 0.05 0.00 | 52.90 0.12 0.00 | 56.51 0.10 0.00 | 62.03 -0.04 0.00 | 69.83 -0.08 0.00 | 84.11 0.23 0.00 | 74.70 0.39 0.00 | 65.17 0.83 0.00 | 49.34 0.73 0.00 | 49.60 0.74 0.00 | 49.25 0.80 0.00 | 51.08 0.84 0.00 | 53.12 0.83 0.00 | 65.35 0.81 0.00 | 70.91 0.33 0.00 | 73.65 0.15 0.00 | 58.74 -0.18 0.00 |
| BETHLEHEM___STEEL 23779 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.24 -0.84 0.00 | 34.18 -1.04 0.00 | 39.72 -0.80 0.00 | 38.64 -1.27 0.00 | 47.10 -0.91 0.00 | 52.18 -0.60 0.00 | 56.93 0.53 0.00 | 62.22 0.15 0.00 | 69.50 -0.41 0.00 | 84.36 0.47 0.00 | 73.97 -0.34 0.00 | 64.08 -0.26 0.00 | 48.49 -0.13 0.00 | 45.20 -0.16 3.51 | 43.34 -0.28 4.83 | 50.20 -0.05 0.00 | 52.53 0.24 0.00 | 64.30 -0.24 0.00 | 70.45 -0.14 0.00 | 73.42 -0.08 0.00 | 58.99 0.06 0.00 |
| BETHLHEM_115KV_TB1 79974 | 48.36 0.08 0.00 | 44.22 0.42 0.00 | 39.96 0.63 0.00 | 39.67 0.59 0.00 | 35.69 0.47 0.00 | 40.97 0.45 0.00 | 40.28 0.38 0.00 | 48.19 0.18 0.00 | 53.04 0.26 0.00 | 56.66 0.25 0.00 | 62.21 0.14 0.00 | 70.02 0.11 0.00 | 84.35 0.46 0.00 | 74.90 0.59 0.00 | 65.35 1.00 0.00 | 49.45 0.83 0.00 | 49.74 0.87 0.00 | 49.38 0.93 0.00 | 51.20 0.95 0.00 | 53.25 0.96 0.00 | 65.48 0.94 0.00 | 71.10 0.52 0.00 | 73.86 0.36 0.00 | 58.89 -0.03 0.00 |
| BETHPAGE_CC_5 323564 | 51.05 2.77 0.00 | 46.93 3.13 0.00 | 42.22 2.89 0.00 | 41.79 2.70 0.00 | 37.56 2.34 0.00 | 42.97 2.45 0.00 | 42.09 2.19 0.00 | 50.05 2.05 0.00 | 54.82 2.04 0.00 | 58.00 2.03 0.43 | 64.51 2.44 0.00 | 73.00 3.08 0.00 | 87.98 4.18 0.08 | 78.93 4.63 0.00 | 69.92 5.26 -0.32 | 58.47 4.70 -5.16 | 63.34 4.87 -9.60 | 70.43 4.74 -17.25 | 58.47 4.45 -3.77 | 60.44 4.41 -3.75 | 72.85 4.57 -3.74 | 77.08 4.37 -2.14 | 78.72 3.60 -1.63 | 61.75 2.33 -0.49 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 48.06 -0.22 0.00 | 43.22 -0.59 0.00 | 38.60 -0.73 0.00 | 38.29 -0.80 0.00 | 34.24 -0.98 0.00 | 39.78 -0.75 0.00 | 38.70 -1.20 0.00 | 47.19 -0.81 0.00 | 52.31 -0.47 0.00 | 57.10 0.70 0.00 | 62.40 0.33 0.00 | 69.71 -0.20 0.00 | 84.60 0.72 0.00 | 74.21 -0.10 0.00 | 64.34 0.00 0.00 | 48.68 0.06 0.00 | 45.60 0.04 3.30 | 43.84 -0.06 4.55 | 50.41 0.17 0.00 | 52.75 0.46 0.00 | 64.56 0.02 0.00 | 70.71 0.12 0.00 | 73.62 0.12 0.00 | 59.11 0.19 0.00 |
| BINGHAMTON___COGEN 23790 | 48.21 -0.07 0.00 | 43.76 -0.04 0.00 | 39.42 0.09 0.00 | 39.20 0.12 0.00 | 35.21 -0.01 0.00 | 40.60 0.08 0.00 | 39.77 -0.13 0.00 | 48.07 0.07 0.00 | 52.86 0.08 0.00 | 56.81 0.41 0.00 | 62.49 0.42 0.00 | 70.42 0.51 0.00 | 85.23 1.21 -0.12 | 75.36 1.00 -0.06 | 65.48 1.13 0.00 | 49.61 1.00 0.00 | 49.82 0.95 0.00 | 49.52 1.07 0.00 | 51.58 1.34 0.00 | 53.70 1.41 0.00 | 65.74 1.20 0.00 | 71.84 1.16 -0.10 | 74.72 0.99 -0.23 | 59.29 0.33 -0.03 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|------------------------|
| BIXINCNT_115KV_LOAD 355685 | 47.25 -1.03 0.00 | 42.44 -1.36 0.00 | 38.06 -1.27 0.00 | 37.75 -1.33 0.00 | 33.87 -1.35 0.00 | 39.27 -1.26 0.00 | 38.25 -1.65 0.00 | 46.63 -1.38 0.00 | 52.17 -0.60 0.00 | 57.04 0.63 0.00 | 62.15 0.08 0.00 | 69.12 -0.79 0.00 | 83.95 0.07 0.00 | 73.60 -0.70 0.00 | 64.54 0.19 0.00 | 48.78 0.16 0.00 | 46.67 -0.03 2.17 | 45.14 -0.32 2.99 | 50.27 0.03 0.00 | 52.83 0.54 0.00 | 65.04 0.50 0.00 | 71.19 0.60 0.00 | 74.12 0.62 0.00 | 59.28 0.35 0.00 |
| BLACK RIVER___HYD 24047 | 52.28 1.02 -2.99 | 46.35 0.67 -1.88 | 40.96 0.27 -1.36 | 40.63 0.22 -1.33 | 35.40 0.06 -0.12 | 42.19 0.18 -1.48 | 41.49 0.16 -1.43 | 50.90 0.35 -2.55 | 56.82 0.96 -3.08 | 61.75 1.64 -3.71 | 67.67 1.45 -4.16 | 77.08 2.27 -4.90 | 91.90 3.40 -4.61 | 77.85 3.43 -0.11 | 66.50 2.16 0.00 | 49.25 0.64 0.00 | 50.15 1.28 0.00 | 50.40 1.95 0.00 | 51.96 1.71 0.00 | 54.71 2.42 0.00 | 68.82 4.28 0.00 | 76.06 5.28 -0.20 | 79.37 5.44 -0.44 | 62.92 3.94 -0.05 |
| BLACKRVR_115KV_TB2 79977 | 52.29 1.02 -2.99 | 46.35 0.67 -1.88 | 40.96 0.27 -1.36 | 40.62 0.22 -1.33 | 35.40 0.06 -0.12 | 42.19 0.18 -1.48 | 41.49 0.16 -1.43 | 50.89 0.34 -2.55 | 56.82 0.96 -3.08 | 61.75 1.64 -3.71 | 67.67 1.45 -4.16 | 77.08 2.27 -4.90 | 91.89 3.40 -4.61 | 77.85 3.43 -0.11 | 66.50 2.16 0.00 | 49.25 0.64 0.00 | 50.15 1.28 0.00 | 50.40 1.95 0.00 | 51.96 1.71 0.00 | 54.71 2.42 0.00 | 68.83 4.28 0.00 | 76.06 5.28 -0.20 | 79.37 5.44 -0.44 | 62.92 3.94 -0.05 |
| BLDWN_LI_69_KV_BK4 356085 | 51.32 3.04 0.00 | 47.07 3.27 0.00 | 42.34 3.01 0.00 | 41.90 2.82 0.00 | 37.65 2.43 0.00 | 43.12 2.59 0.00 | 42.27 2.37 0.00 | 50.38 2.38 0.00 | 55.20 2.42 0.00 | 58.89 2.48 0.00 | 65.03 2.97 0.00 | 73.47 3.56 0.00 | 88.66 4.77 0.00 | 79.34 5.04 0.00 | 71.05 5.68 -1.03 | 56.98 4.97 -3.40 | 60.70 5.14 -6.69 | 66.56 5.02 -13.08 | 54.99 4.75 0.00 | 57.03 4.74 0.00 | 69.57 5.04 0.00 | 75.59 5.00 -0.01 | 92.23 4.39 -14.34 | 66.66 2.95 -4.79 |
| BLISS_WT_PWR 323608 | 47.03 -1.25 0.00 | 42.20 -1.60 0.00 | 37.88 -1.45 0.00 | 37.57 -1.52 0.00 | 33.74 -1.47 0.00 | 39.10 -1.43 0.00 | 38.08 -1.83 0.00 | 46.41 -1.60 0.00 | 52.05 -0.73 0.00 | 56.95 0.54 0.00 | 62.03 -0.04 0.00 | 68.92 -0.99 0.00 | 83.74 -0.15 0.00 | 73.31 -0.99 0.00 | 64.51 0.17 0.00 | 48.73 0.12 0.00 | 46.57 -0.12 2.17 | 44.96 -0.49 2.99 | 50.10 -0.15 0.00 | 52.72 0.43 0.00 | 65.03 0.49 0.00 | 71.16 0.58 0.00 | 74.13 0.63 0.00 | 59.29 0.36 0.00 |
| BLUESTONE___WT_PWR 323821 | 48.41 0.13 0.00 | 43.75 -0.05 0.00 | 39.90 0.57 0.00 | 40.02 0.94 0.00 | 36.34 1.13 0.00 | 41.91 1.38 0.00 | 40.88 0.98 0.00 | 49.72 1.71 0.00 | 54.81 2.03 0.00 | 58.92 2.52 0.00 | 64.93 2.86 0.00 | 73.07 3.15 0.00 | 88.86 4.86 -0.11 | 78.55 4.19 -0.05 | 68.21 3.87 0.00 | 51.58 2.97 0.00 | 51.92 3.06 0.00 | 51.61 3.17 0.00 | 54.63 4.38 0.00 | 55.08 2.79 0.00 | 68.32 3.78 0.00 | 75.92 5.24 -0.09 | 78.59 4.90 -0.20 | 62.13 3.18 -0.02 |
| BLUE_CIRC_CHEM_DRP 24182 | 48.22 -0.06 0.00 | 44.65 0.84 0.00 | 40.38 1.05 0.00 | 40.09 1.01 0.00 | 36.08 0.86 0.00 | 41.43 0.90 0.00 | 40.68 0.77 0.00 | 48.66 0.66 0.00 | 53.52 0.74 0.00 | 57.19 0.78 0.00 | 62.67 0.60 0.00 | 70.27 0.36 0.00 | 83.98 0.10 0.00 | 73.87 -0.43 0.00 | 64.33 -0.02 0.00 | 48.64 0.03 0.00 | 48.88 0.01 0.00 | 48.53 0.08 0.00 | 50.43 0.18 0.00 | 52.54 0.25 0.00 | 64.70 0.16 0.00 | 70.37 -0.21 0.00 | 73.12 -0.37 0.00 | 58.37 -0.56 0.00 |
| BOC_GAS_DRP 24189 | 48.64 0.37 0.00 | 44.48 0.68 0.00 | 40.20 0.87 0.00 | 39.92 0.83 0.00 | 35.92 0.70 0.00 | 41.23 0.71 0.00 | 40.52 0.62 0.00 | 48.50 0.49 0.00 | 53.35 0.57 0.00 | 56.95 0.55 0.00 | 62.57 0.50 0.00 | 70.47 0.56 0.00 | 84.85 0.97 0.00 | 75.28 0.98 0.00 | 65.65 1.31 0.00 | 49.66 1.04 0.00 | 49.94 1.07 0.00 | 49.53 1.09 0.00 | 51.34 1.09 0.00 | 53.40 1.11 0.00 | 65.69 1.15 0.00 | 71.39 0.81 0.00 | 74.18 0.69 0.00 | 59.20 0.28 0.00 |
| BOONVILLE_115KV_TB1 79983 | 49.18 0.90 0.00 | 44.52 0.72 0.00 | 39.89 0.56 0.00 | 39.59 0.50 0.00 | 35.60 0.38 0.00 | 41.04 0.52 0.00 | 40.40 0.50 0.00 | 48.70 0.70 0.00 | 53.72 0.94 0.00 | 57.57 1.16 0.00 | 63.27 1.20 0.00 | 71.51 1.60 0.00 | 86.39 2.44 -0.07 | 76.81 2.47 -0.03 | 66.25 1.91 0.00 | 49.93 1.32 0.00 | 50.64 1.77 0.00 | 50.50 2.06 0.00 | 52.20 1.95 0.00 | 54.35 2.06 0.00 | 67.25 2.71 0.00 | 73.77 3.13 -0.06 | 77.10 3.48 -0.13 | 61.41 2.47 -0.02 |
| BORALEX_4TH_BRANCH 23824 | 50.22 1.94 0.00 | 46.02 2.22 0.00 | 41.49 2.16 0.00 | 41.20 2.11 0.00 | 37.03 1.81 0.00 | 42.45 1.93 0.00 | 41.75 1.84 0.00 | 49.82 1.81 0.00 | 54.93 2.15 0.00 | 58.61 2.21 0.00 | 64.20 2.13 0.00 | 72.16 2.25 0.00 | 87.01 3.12 0.00 | 77.29 2.99 0.00 | 67.60 3.26 0.00 | 51.17 2.56 0.00 | 51.44 2.56 0.00 | 51.01 2.56 0.00 | 52.94 2.70 0.00 | 54.97 2.68 0.00 | 67.73 3.19 0.00 | 73.23 2.64 0.00 | 76.29 2.79 0.00 | 60.94 2.02 0.00 |
| BOWLINE___1 23526 | 50.02 1.75 0.00 | 45.77 1.97 0.00 | 41.22 1.89 0.00 | 40.91 1.82 0.00 | 36.77 1.55 0.00 | 42.24 1.72 0.00 | 41.61 1.71 0.00 | 49.80 1.80 0.00 | 54.58 1.80 0.00 | 58.18 1.78 0.00 | 64.24 2.17 0.00 | 72.75 2.83 0.00 | 87.83 3.94 0.00 | 78.26 3.95 0.00 | 68.51 4.17 0.00 | 52.28 3.66 0.00 | 52.56 3.69 0.00 | 52.06 3.62 0.00 | 53.70 3.45 0.00 | 55.93 3.64 0.00 | 68.28 3.73 0.00 | 73.77 3.19 0.00 | 76.36 2.87 0.00 | 60.67 1.75 0.00 |
| BOWLINE___2 23595 | 49.95 1.67 0.00 | 45.69 1.89 0.00 | 41.18 1.84 0.00 | 40.87 1.79 0.00 | 36.75 1.53 0.00 | 42.20 1.67 0.00 | 41.56 1.65 0.00 | 49.71 1.71 0.00 | 54.49 1.71 0.00 | 58.07 1.66 0.00 | 64.13 2.06 0.00 | 72.62 2.71 0.00 | 87.69 3.80 0.00 | 78.14 3.84 0.00 | 68.39 4.05 0.00 | 52.19 3.58 0.00 | 52.48 3.61 0.00 | 51.97 3.52 0.00 | 53.62 3.37 0.00 | 55.84 3.55 0.00 | 68.16 3.62 0.00 | 73.65 3.06 0.00 | 76.23 2.73 0.00 | 60.58 1.65 0.00 |
| BRADY___115KV_TB2 356060 | 49.41 1.13 0.00 | 44.55 0.75 0.00 | 39.70 0.37 0.00 | 39.50 0.42 0.00 | 35.64 0.42 0.00 | 41.14 0.62 0.00 | 40.70 0.79 0.00 | 48.97 0.97 0.00 | 53.38 0.60 0.00 | 56.98 0.58 0.00 | 62.89 0.82 0.00 | 70.59 0.68 0.00 | 83.87 -0.02 0.00 | 74.51 0.21 0.00 | 63.48 -0.86 0.00 | 47.44 -1.18 0.00 | 47.85 -1.02 0.00 | 47.41 -1.03 0.00 | 49.13 -1.12 0.00 | 51.34 -0.95 0.00 | 64.33 -0.21 0.00 | 71.00 0.42 0.00 | 74.30 0.80 0.00 | 60.16 1.24 0.00 |
| BRANSCOMB___SOLAR 323811 | 50.48 2.20 0.00 | 46.00 2.20 0.00 | 41.43 2.10 0.00 | 41.10 2.02 0.00 | 36.97 1.75 0.00 | 42.46 1.94 0.00 | 41.72 1.82 0.00 | 49.94 1.93 0.00 | 54.92 2.14 0.00 | 58.69 2.28 0.00 | 64.31 2.24 0.00 | 72.25 2.34 0.00 | 87.00 3.11 0.00 | 77.46 3.15 0.00 | 67.60 3.25 0.00 | 51.24 2.63 0.00 | 51.66 2.79 0.00 | 51.32 2.88 0.00 | 53.66 3.41 0.00 | 55.91 3.62 0.00 | 68.85 4.31 0.00 | 74.55 3.97 0.00 | 77.31 3.81 0.00 | 61.68 2.75 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 51.62 3.34 0.00 | 47.41 3.61 0.00 | 42.66 3.33 0.00 | 42.19 3.11 0.00 | 37.91 2.69 0.00 | 43.35 2.83 0.00 | 42.50 2.59 0.00 | 50.65 2.64 0.00 | 55.61 2.83 0.00 | 58.29 3.16 1.27 | 65.71 3.64 0.00 | 74.38 4.47 0.00 | 89.31 5.54 0.11 | 80.15 5.85 0.00 | 71.59 7.14 -0.11 | 176.25 6.31 -121.32 | 241.83 6.22 -186.74 | 288.06 6.26 -233.34 | 273.00 6.15 -216.60 | 273.47 5.93 -215.26 | 285.80 6.60 -214.66 | 199.60 6.54 -122.47 | 85.72 5.96 -6.26 | 62.07 4.04 0.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 51.45 3.17 0.00 | 47.37 3.57 0.00 | 42.66 3.32 0.00 | 42.21 3.12 0.00 | 37.92 2.70 0.00 | 43.32 2.79 0.00 | 42.33 2.43 0.00 | 50.35 2.34 0.00 | 55.08 2.30 0.00 | 57.19 2.40 1.61 | 65.01 2.94 0.00 | 73.41 3.50 0.00 | 88.27 4.50 0.11 | 79.17 4.87 0.00 | 70.18 5.70 -0.13 | 81.25 4.95 -27.68 | 98.14 5.27 -44.00 | 116.81 5.05 -63.32 | 100.06 4.64 -45.17 | 101.70 4.52 -44.89 | 114.12 4.82 -44.77 | 100.90 4.78 -25.54 | 77.32 4.22 0.40 | 60.95 2.78 0.75 |
| BRISTLHL_115KV_TB1 79998 | 55.14 -0.56 -7.43 | 47.90 -0.58 -4.68 | 42.20 -0.51 -3.38 | 41.80 -0.58 -3.29 | 34.94 -0.59 -0.30 | 43.60 -0.61 -3.69 | 42.80 -0.66 -3.56 | 53.47 -0.69 -6.16 | 59.32 -0.78 -7.32 | 64.89 -0.63 -9.12 | 71.74 -0.67 -10.34 | 81.47 -0.62 -12.18 | 94.98 -0.35 -11.44 | 74.23 -0.33 -0.26 | 64.31 -0.04 0.00 | 48.62 0.00 0.00 | 48.82 -0.05 0.00 | 48.36 -0.09 0.00 | 50.20 -0.05 0.00 | 52.25 -0.04 0.00 | 64.24 -0.30 0.00 | 70.65 -0.40 -0.47 | 73.92 -0.61 -1.03 | 58.32 -0.72 -0.12 |
| BROOKHAVEN___DRP 24191 | 51.19 2.91 0.00 | 47.08 3.28 0.00 | 42.37 3.04 0.00 | 41.92 2.83 0.00 | 37.66 2.44 0.00 | 43.05 2.53 0.00 | 42.12 2.22 0.00 | 50.12 2.12 0.00 | 54.85 2.07 0.00 | 57.41 2.26 1.25 | 64.75 2.68 0.00 | 73.24 3.33 0.00 | 87.84 4.06 0.11 | 78.77 4.47 0.00 | 70.01 5.55 -0.11 | 174.33 5.08 -120.63 | 239.79 5.24 -185.69 | 285.71 5.20 -232.06 | 270.62 5.04 -215.33 | 271.29 5.00 -214.00 | 283.28 5.34 -213.40 | 197.51 5.17 -121.76 | 84.21 4.51 -6.20 | 60.98 2.95 0.90 |
| BROOKLYN_NAVY_YARD 23515 | 50.54 2.26 0.00 | 46.33 2.53 0.00 | 41.74 2.41 0.00 | 41.38 2.29 0.00 | 37.22 2.00 0.00 | 42.74 2.22 0.00 | 42.23 2.33 0.00 | 50.50 2.49 0.00 | 55.29 2.51 0.00 | 58.82 2.42 0.00 | 64.91 2.83 0.00 | 73.51 3.60 0.00 | 88.89 4.94 -0.07 | 79.25 4.95 0.00 | 69.33 4.98 0.00 | 53.22 4.48 -0.12 | 53.51 4.45 -0.19 | 52.75 4.30 0.00 | 54.25 4.00 0.00 | 56.51 4.22 0.00 | 68.92 4.38 0.00 | 74.41 3.83 0.00 | 77.02 3.52 0.00 | 61.24 2.32 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| BROOME_2_LFGE 323671 | 48.21 -0.07 0.00 | 43.76 -0.04 0.00 | 39.42 0.09 0.00 | 39.21 0.12 0.00 | 35.21 -0.01 0.00 | 40.60 0.08 0.00 | 39.77 -0.13 0.00 | 48.07 0.07 0.00 | 52.86 0.08 0.00 | 56.81 0.41 0.00 | 62.49 0.42 0.00 | 70.42 0.51 0.00 | 85.22 1.21 -0.12 | 75.36 1.00 -0.06 | 65.48 1.14 0.00 | 49.62 1.00 0.00 | 49.81 0.94 0.00 | 49.51 1.06 0.00 | 51.59 1.34 0.00 | 53.70 1.41 0.00 | 65.74 1.20 0.00 | 71.84 1.15 -0.10 | 74.72 1.00 -0.23 | 59.29 0.33 -0.03 |
| BROOME___LFGE 323600 | 48.21 -0.07 0.00 | 43.76 -0.04 0.00 | 39.42 0.09 0.00 | 39.21 0.12 0.00 | 35.21 -0.01 0.00 | 40.60 0.08 0.00 | 39.77 -0.13 0.00 | 48.07 0.07 0.00 | 52.86 0.08 0.00 | 56.81 0.41 0.00 | 62.49 0.42 0.00 | 70.42 0.51 0.00 | 85.22 1.21 -0.12 | 75.36 1.00 -0.06 | 65.48 1.14 0.00 | 49.62 1.00 0.00 | 49.81 0.94 0.00 | 49.51 1.06 0.00 | 51.59 1.34 0.00 | 53.70 1.41 0.00 | 65.74 1.20 0.00 | 71.84 1.15 -0.10 | 74.72 1.00 -0.23 | 59.29 0.33 -0.03 |
| BROWNFLS_115KV_TB 3_5 80003 | 49.95 0.56 -1.12 | 44.73 0.22 -0.70 | 39.75 -0.09 -0.51 | 39.50 -0.09 -0.50 | 35.07 -0.19 -0.05 | 40.99 -0.09 -0.56 | 40.46 0.02 -0.54 | 48.96 0.02 -0.93 | 53.88 -0.02 -1.12 | 58.07 0.28 -1.38 | 63.83 0.20 -1.56 | 72.17 0.42 -1.83 | 86.17 0.55 -1.74 | 75.12 0.77 -0.04 | 64.14 -0.20 0.00 | 47.69 -0.92 0.00 | 48.25 -0.62 0.00 | 48.16 -0.28 0.00 | 49.69 -0.56 0.00 | 51.95 -0.33 0.00 | 65.12 0.58 0.00 | 71.97 1.31 -0.08 | 75.62 1.95 -0.18 | 60.82 1.88 -0.02 |
| BROWNSV1_27_KV_LOAD 356125 | 51.29 3.01 0.00 | 46.96 3.15 0.00 | 42.29 2.95 0.00 | 41.91 2.82 0.00 | 37.69 2.47 0.00 | 43.32 2.79 0.00 | 42.78 2.88 0.00 | 51.20 3.19 0.00 | 56.07 3.29 0.00 | 59.73 3.33 0.00 | 65.93 3.86 0.00 | 74.70 4.79 0.00 | 90.31 6.42 0.00 | 80.54 6.23 0.00 | 70.47 6.13 0.00 | 53.98 5.37 0.00 | 54.17 5.30 0.00 | 53.59 5.14 0.00 | 55.09 4.84 0.00 | 57.40 5.11 0.00 | 70.03 5.49 0.00 | 75.64 5.05 0.00 | 78.18 4.69 0.00 | 62.18 3.26 0.00 |
| BURROWS___LYONSDAL 23803 | 49.68 0.63 -0.78 | 44.72 0.43 -0.49 | 39.93 0.24 -0.35 | 39.62 0.19 -0.34 | 35.35 0.10 -0.03 | 41.10 0.19 -0.39 | 40.47 0.19 -0.37 | 49.05 0.35 -0.69 | 54.30 0.65 -0.87 | 58.35 0.96 -0.98 | 64.07 0.92 -1.08 | 72.57 1.38 -1.27 | 87.28 2.18 -1.22 | 76.63 2.29 -0.04 | 66.00 1.66 0.00 | 49.62 1.00 0.00 | 50.37 1.50 0.00 | 50.30 1.85 0.00 | 51.94 1.69 0.00 | 54.12 1.84 0.00 | 67.13 2.59 0.00 | 73.81 3.16 -0.07 | 77.21 3.56 -0.15 | 61.52 2.58 -0.02 |
| CAITHNESS_CC_1 323624 | 51.15 2.87 0.00 | 47.07 3.27 0.00 | 42.37 3.04 0.00 | 41.91 2.82 0.00 | 37.66 2.44 0.00 | 43.04 2.51 0.00 | 42.09 2.19 0.00 | 50.09 2.09 0.00 | 54.80 2.02 0.00 | 57.35 2.17 1.23 | 64.69 2.62 0.00 | 73.15 3.24 0.00 | 87.75 3.98 0.11 | 78.74 4.43 0.00 | 69.91 5.46 -0.11 | 173.53 4.97 -119.95 | 238.65 5.14 -184.64 | 284.31 5.07 -230.79 | 269.17 4.85 -214.07 | 269.85 4.82 -212.74 | 281.82 5.13 -212.15 | 196.58 4.96 -121.04 | 83.93 4.29 -6.14 | 60.82 2.79 0.90 |
| CALPINE BETH_PAGE_GT4 24209 | 51.09 2.81 0.00 | 46.94 3.14 0.00 | 42.24 2.91 0.00 | 41.81 2.72 0.00 | 37.57 2.35 0.00 | 42.99 2.47 0.00 | 42.12 2.22 0.00 | 50.03 2.03 0.00 | 54.80 2.02 0.00 | 58.43 2.03 0.00 | 64.53 2.46 0.00 | 73.02 3.10 0.00 | 88.07 4.25 0.07 | 78.96 4.66 0.00 | 70.01 5.26 -0.41 | 58.01 4.72 -4.68 | 62.59 4.88 -8.84 | 69.36 4.74 -16.17 | 57.51 4.45 -2.81 | 59.51 4.43 -2.79 | 71.93 4.61 -2.79 | 76.61 4.44 -1.59 | 80.52 3.61 -3.41 | 62.37 2.34 -1.10 |
| CALPINE_BETH_PAGE_GT_4 323586 | 51.09 2.81 0.00 | 46.94 3.14 0.00 | 42.24 2.91 0.00 | 41.81 2.72 0.00 | 37.57 2.35 0.00 | 42.99 2.47 0.00 | 42.12 2.22 0.00 | 50.04 2.03 0.00 | 54.80 2.02 0.00 | 58.43 2.03 0.00 | 64.53 2.46 0.00 | 73.02 3.10 0.00 | 88.03 4.21 0.07 | 78.96 4.66 0.00 | 70.01 5.26 -0.41 | 58.00 4.71 -4.68 | 62.59 4.87 -8.84 | 69.36 4.74 -16.18 | 57.51 4.45 -2.81 | 59.51 4.43 -2.79 | 71.93 4.61 -2.79 | 76.62 4.45 -1.59 | 80.52 3.61 -3.41 | 62.37 2.34 -1.10 |
| CALPINE_BP_GT1 23823 | 51.09 2.81 0.00 | 46.94 3.14 0.00 | 42.24 2.91 0.00 | 41.81 2.72 0.00 | 37.57 2.35 0.00 | 42.99 2.47 0.00 | 42.12 2.22 0.00 | 50.04 2.03 0.00 | 54.80 2.02 0.00 | 58.43 2.03 0.00 | 64.53 2.46 0.00 | 73.02 3.10 0.00 | 88.03 4.21 0.07 | 78.96 4.66 0.00 | 70.01 5.26 -0.41 | 58.00 4.71 -4.68 | 62.59 4.87 -8.84 | 69.36 4.74 -16.18 | 57.51 4.45 -2.81 | 59.51 4.43 -2.79 | 71.93 4.61 -2.79 | 76.62 4.45 -1.59 | 80.52 3.61 -3.41 | 62.37 2.34 -1.10 |
| CALSPAN___DRP 24200 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.24 -0.84 0.00 | 34.18 -1.04 0.00 | 39.72 -0.80 0.00 | 38.64 -1.27 0.00 | 47.10 -0.91 0.00 | 52.18 -0.60 0.00 | 56.93 0.53 0.00 | 62.22 0.15 0.00 | 69.50 -0.41 0.00 | 84.36 0.47 0.00 | 73.97 -0.34 0.00 | 64.08 -0.26 0.00 | 48.49 -0.13 0.00 | 45.20 -0.16 3.51 | 43.34 -0.28 4.83 | 50.20 -0.05 0.00 | 52.53 0.24 0.00 | 64.30 -0.24 0.00 | 70.45 -0.14 0.00 | 73.42 -0.08 0.00 | 58.99 0.06 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|-------------------------|
| CALVERTON___SOLAR 323806 | 51.25 2.97 0.00 | 47.12 3.32 0.00 | 42.41 3.08 0.00 | 41.95 2.86 0.00 | 37.69 2.47 0.00 | 43.08 2.56 0.00 | 42.17 2.27 0.00 | 50.19 2.18 0.00 | 54.95 2.17 0.00 | 57.52 2.38 1.26 | 64.90 2.83 0.00 | 73.39 3.47 0.00 | 87.95 4.18 0.11 | 78.91 4.61 0.00 | 70.18 5.73 -0.11 | 174.77 5.23 -120.93 | 240.37 5.37 -186.14 | 286.43 5.37 -232.61 | 271.37 5.26 -215.87 | 272.01 5.19 -214.53 | 284.09 5.61 -213.93 | 198.09 5.45 -122.06 | 84.50 4.77 -6.23 | 61.17 3.14 0.89 |
| CANDIGU_WT_PWR 323617 | 46.90 -1.38 0.00 | 42.29 -1.52 0.00 | 38.00 -1.33 0.00 | 37.85 -1.23 0.00 | 33.91 -1.31 0.00 | 39.25 -1.27 0.00 | 38.32 -1.59 0.00 | 46.50 -1.51 0.00 | 51.20 -1.58 0.00 | 55.50 -0.90 0.00 | 60.74 -1.33 0.00 | 68.11 -1.81 0.00 | 82.79 -1.16 -0.07 | 72.74 -1.60 -0.03 | 63.37 -0.98 0.00 | 48.08 -0.54 0.00 | 25.23 -1.03 22.61 | 16.55 -0.79 31.09 | 50.28 0.03 0.00 | 52.84 0.55 0.00 | 64.96 0.42 0.00 | 71.42 0.78 -0.06 | 74.28 0.65 -0.13 | 59.07 0.12 -0.02 |
| CARR STREET_E_SYR 24060 | 48.08 -0.20 0.00 | 43.56 -0.24 0.00 | 39.13 -0.20 0.00 | 38.84 -0.24 0.00 | 34.92 -0.30 0.00 | 40.24 -0.28 0.00 | 39.54 -0.36 0.00 | 47.70 -0.30 0.00 | 52.49 -0.29 0.00 | 56.35 -0.06 0.00 | 62.03 -0.04 0.00 | 69.98 0.07 0.00 | 84.60 0.54 -0.17 | 74.85 0.47 -0.08 | 64.99 0.64 0.00 | 49.16 0.55 0.00 | 49.35 0.49 0.00 | 48.86 0.42 0.00 | 50.72 0.48 0.00 | 52.78 0.50 0.00 | 64.91 0.37 0.00 | 71.00 0.27 -0.14 | 73.89 0.08 -0.31 | 58.73 -0.23 -0.04 |
| CARTHAGE___PAPER 23857 | 51.80 1.05 -2.47 | 46.05 0.68 -1.56 | 40.75 0.29 -1.12 | 40.43 0.26 -1.10 | 35.41 0.10 -0.10 | 41.99 0.24 -1.23 | 41.33 0.25 -1.18 | 50.56 0.42 -2.13 | 56.30 0.92 -2.60 | 60.93 1.44 -3.09 | 66.75 1.24 -3.44 | 75.99 2.03 -4.05 | 90.69 2.98 -3.82 | 77.43 3.03 -0.09 | 66.20 1.86 0.00 | 49.15 0.53 0.00 | 49.95 1.08 0.00 | 50.27 1.83 0.00 | 51.71 1.46 0.00 | 54.38 2.09 0.00 | 68.29 3.75 0.00 | 75.52 4.77 -0.17 | 78.99 5.12 -0.37 | 62.80 3.83 -0.04 |
| CASSADAGA_WT_PWR 323784 | 46.80 -1.48 0.00 | 42.31 -1.50 0.00 | 37.61 -1.73 0.00 | 37.36 -1.73 0.00 | 33.33 -1.89 0.00 | 38.90 -1.63 0.00 | 38.15 -1.76 0.00 | 47.04 -0.97 0.00 | 52.74 -0.04 0.00 | 58.05 1.65 0.00 | 63.46 1.39 0.00 | 71.17 1.26 0.00 | 86.29 2.41 0.00 | 74.82 0.52 0.00 | 64.91 0.56 0.00 | 49.89 1.27 0.00 | 47.97 1.29 2.19 | 46.79 1.35 3.01 | 52.24 1.99 0.00 | 54.78 2.49 0.00 | 66.76 2.22 0.00 | 72.79 2.21 0.00 | 75.70 2.21 0.00 | 60.29 1.37 0.00 |
| CE_DUNWOOD___DRP 24194 | 50.38 2.10 0.00 | 46.11 2.31 0.00 | 41.55 2.22 0.00 | 41.20 2.12 0.00 | 37.05 1.83 0.00 | 42.55 2.03 0.00 | 41.95 2.05 0.00 | 50.19 2.19 0.00 | 55.01 2.24 0.00 | 58.59 2.19 0.00 | 64.67 2.59 0.00 | 73.21 3.29 0.00 | 88.45 4.57 0.00 | 78.85 4.55 0.00 | 69.02 4.68 0.00 | 52.73 4.11 0.00 | 53.01 4.14 0.00 | 52.49 4.04 0.00 | 54.07 3.82 0.00 | 56.28 3.99 0.00 | 68.72 4.18 0.00 | 74.25 3.67 0.00 | 76.82 3.33 0.00 | 61.07 2.14 0.00 |
| CE_MILLWOOD___DRP 24193 | 50.25 1.97 0.00 | 45.99 2.18 0.00 | 41.43 2.10 0.00 | 41.10 2.02 0.00 | 36.96 1.74 0.00 | 42.44 1.92 0.00 | 41.85 1.94 0.00 | 50.05 2.05 0.00 | 54.88 2.10 0.00 | 58.47 2.07 0.00 | 64.51 2.43 0.00 | 73.03 3.12 0.00 | 88.23 4.34 0.00 | 78.63 4.33 0.00 | 68.84 4.50 0.00 | 52.56 3.95 0.00 | 52.85 3.98 0.00 | 52.33 3.89 0.00 | 53.93 3.69 0.00 | 56.14 3.86 0.00 | 68.56 4.02 0.00 | 74.08 3.50 0.00 | 76.66 3.16 0.00 | 60.95 2.02 0.00 |
| CE_NYC2_DRP 24202 | 50.38 2.10 0.00 | 46.31 2.50 0.00 | 41.68 2.35 0.00 | 41.31 2.23 0.00 | 37.18 1.96 0.00 | 42.71 2.19 0.00 | 42.29 2.39 0.00 | 50.44 2.44 0.00 | 55.04 2.26 0.00 | 58.46 2.06 0.00 | 64.51 2.43 0.00 | 73.03 3.12 0.00 | 88.23 4.34 0.00 | 78.71 4.41 0.00 | 68.99 4.65 0.00 | 53.05 4.44 0.00 | 53.24 4.38 0.00 | 52.75 4.31 0.00 | 54.09 3.84 0.00 | 56.40 4.11 0.00 | 68.77 4.23 0.00 | 74.26 3.68 0.00 | 76.79 3.30 0.00 | 61.19 2.27 0.00 |
| CE_NYC_DRP 24195 | 50.65 2.37 0.00 | 46.41 2.61 0.00 | 41.82 2.49 0.00 | 41.46 2.37 0.00 | 37.29 2.07 0.00 | 42.85 2.32 0.00 | 42.31 2.41 0.00 | 50.61 2.60 0.00 | 55.42 2.64 0.00 | 59.00 2.60 0.00 | 65.11 3.04 0.00 | 73.74 3.83 0.00 | 89.15 5.26 0.00 | 79.49 5.18 0.00 | 69.54 5.20 0.00 | 53.26 4.64 0.00 | 53.47 4.60 0.00 | 52.89 4.44 0.00 | 54.38 4.13 0.00 | 56.64 4.35 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.16 3.66 0.00 | 61.37 2.45 0.00 |
| CHAFFEE___LFGE 323603 | 48.20 -0.08 0.00 | 43.37 -0.43 0.00 | 38.73 -0.61 0.00 | 38.41 -0.67 0.00 | 34.35 -0.86 0.00 | 39.91 -0.62 0.00 | 38.83 -1.07 0.00 | 47.37 -0.63 0.00 | 52.44 -0.34 0.00 | 57.22 0.81 0.00 | 62.55 0.48 0.00 | 69.93 0.02 0.00 | 84.93 1.04 0.00 | 74.51 0.20 0.00 | 64.53 0.18 0.00 | 48.80 0.19 0.00 | 46.25 0.21 2.83 | 44.71 0.16 3.90 | 50.65 0.40 0.00 | 52.98 0.69 0.00 | 64.81 0.26 0.00 | 70.92 0.34 0.00 | 73.82 0.33 0.00 | 59.22 0.30 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 48.03 -0.25 0.00 | 43.29 -0.51 0.00 | 38.45 -0.88 0.00 | 38.55 -0.53 0.00 | 34.96 -0.26 0.00 | 40.46 -0.07 0.00 | 39.81 -0.10 0.00 | 48.04 0.03 0.00 | 52.60 -0.18 0.00 | 56.03 -0.37 0.00 | 61.40 -0.67 0.00 | 68.87 -1.04 0.00 | 82.53 -1.35 0.00 | 73.06 -1.24 0.00 | 62.77 -1.58 0.00 | 46.90 -1.71 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.72 -1.53 0.00 | 50.71 -1.58 0.00 | 62.99 -1.55 0.00 | 69.46 -1.12 0.00 | 72.57 -0.93 0.00 | 58.70 -0.22 0.00 |
| CHATEAUG_WT_PWR 323614 | 47.96 -0.32 0.00 | 43.22 -0.58 0.00 | 38.40 -0.93 0.00 | 38.49 -0.60 0.00 | 34.90 -0.32 0.00 | 40.40 -0.12 0.00 | 39.75 -0.16 0.00 | 48.01 0.01 0.00 | 52.55 -0.23 0.00 | 56.01 -0.39 0.00 | 61.33 -0.74 0.00 | 68.79 -1.13 0.00 | 82.47 -1.42 0.00 | 73.01 -1.30 0.00 | 62.79 -1.55 0.00 | 46.83 -1.78 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.66 -1.59 0.00 | 50.59 -1.70 0.00 | 62.83 -1.71 0.00 | 69.21 -1.37 0.00 | 72.32 -1.18 0.00 | 58.49 -0.44 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 48.03 -0.25 0.00 | 43.29 -0.51 0.00 | 38.45 -0.88 0.00 | 38.55 -0.53 0.00 | 34.96 -0.26 0.00 | 40.46 -0.07 0.00 | 39.81 -0.10 0.00 | 48.04 0.03 0.00 | 52.60 -0.18 0.00 | 56.03 -0.37 0.00 | 61.40 -0.67 0.00 | 68.87 -1.04 0.00 | 82.53 -1.35 0.00 | 73.06 -1.24 0.00 | 62.77 -1.58 0.00 | 46.90 -1.71 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.72 -1.53 0.00 | 50.71 -1.58 0.00 | 62.99 -1.55 0.00 | 69.46 -1.12 0.00 | 72.57 -0.93 0.00 | 58.70 -0.22 0.00 |
| CHAUTAUQUA___LFGE 323629 | 47.39 -0.89 0.00 | 42.76 -1.04 0.00 | 38.14 -1.19 0.00 | 37.89 -1.20 0.00 | 33.83 -1.39 0.00 | 39.37 -1.15 0.00 | 38.42 -1.48 0.00 | 47.17 -0.83 0.00 | 52.42 -0.36 0.00 | 57.39 0.99 0.00 | 62.82 0.74 0.00 | 70.42 0.51 0.00 | 85.28 1.40 0.00 | 74.36 0.06 0.00 | 64.54 0.20 0.00 | 49.23 0.62 0.00 | 46.70 0.54 2.71 | 45.30 0.59 3.73 | 51.31 1.06 0.00 | 53.83 1.54 0.00 | 65.62 1.08 0.00 | 71.70 1.12 0.00 | 74.62 1.12 0.00 | 59.55 0.62 0.00 |
| CHERRYST_13_KV_LD 356241 | 50.84 2.56 0.00 | 46.58 2.78 0.00 | 41.96 2.63 0.00 | 41.60 2.52 0.00 | 37.43 2.21 0.00 | 43.01 2.49 0.00 | 42.49 2.59 0.00 | 50.85 2.84 0.00 | 55.69 2.92 0.00 | 59.33 2.93 0.00 | 65.47 3.40 0.00 | 74.14 4.23 0.00 | 89.64 5.75 0.00 | 79.94 5.63 0.00 | 69.94 5.60 0.00 | 53.55 4.93 0.00 | 53.75 4.88 0.00 | 53.16 4.71 0.00 | 54.64 4.39 0.00 | 56.88 4.59 0.00 | 69.39 4.86 0.00 | 74.90 4.32 0.00 | 77.45 3.96 0.00 | 61.60 2.67 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 49.86 1.58 0.00 | 45.55 1.75 0.00 | 41.04 1.71 0.00 | 40.73 1.64 0.00 | 36.61 1.40 0.00 | 42.07 1.55 0.00 | 41.42 1.52 0.00 | 49.61 1.61 0.00 | 54.42 1.64 0.00 | 58.00 1.59 0.00 | 64.02 1.95 0.00 | 72.43 2.53 0.00 | 87.46 3.58 0.00 | 77.86 3.56 0.00 | 68.09 3.75 0.00 | 51.89 3.28 0.00 | 52.21 3.34 0.00 | 51.72 3.27 0.00 | 53.42 3.17 0.00 | 55.64 3.35 0.00 | 68.03 3.49 0.00 | 73.59 3.01 0.00 | 76.22 2.72 0.00 | 60.59 1.67 0.00 |
| CH_MIDHUDSON___DRP 24192 | 50.26 1.98 0.00 | 45.94 2.13 0.00 | 41.41 2.08 0.00 | 41.08 1.99 0.00 | 36.93 1.71 0.00 | 42.40 1.87 0.00 | 41.79 1.89 0.00 | 50.08 2.08 0.00 | 55.00 2.23 0.00 | 58.64 2.24 0.00 | 64.70 2.63 0.00 | 73.18 3.27 0.00 | 88.41 4.52 0.00 | 78.78 4.48 0.00 | 68.99 4.65 0.00 | 52.59 3.98 0.00 | 52.92 4.06 0.00 | 52.43 3.99 0.00 | 54.15 3.90 0.00 | 56.29 4.00 0.00 | 68.84 4.30 0.00 | 74.36 3.78 0.00 | 76.92 3.42 0.00 | 61.14 2.22 0.00 |
| CH_MISC_IPPS 23765 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.31 0.00 | 41.30 2.22 0.00 | 37.13 1.91 0.00 | 42.64 2.12 0.00 | 42.03 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.24 5.35 0.00 | 79.52 5.21 0.00 | 69.67 5.32 0.00 | 53.12 4.51 0.00 | 53.48 4.61 0.00 | 52.98 4.53 0.00 | 54.73 4.48 0.00 | 56.90 4.62 0.00 | 69.54 5.00 0.00 | 75.10 4.52 0.00 | 77.64 4.14 0.00 | 61.66 2.73 0.00 |
| CH_RES_BVR_FALLS 23983 | 47.74 -0.54 0.00 | 43.24 -0.56 0.00 | 38.75 -0.58 0.00 | 38.57 -0.51 0.00 | 34.79 -0.43 0.00 | 40.08 -0.44 0.00 | 39.46 -0.44 0.00 | 47.62 -0.38 0.00 | 52.42 -0.36 0.00 | 56.05 -0.35 0.00 | 61.69 -0.38 0.00 | 69.41 -0.50 0.00 | 83.19 -0.69 0.00 | 73.66 -0.65 0.00 | 63.62 -0.73 0.00 | 47.96 -0.65 0.00 | 48.24 -0.63 0.00 | 47.82 -0.63 0.00 | 49.58 -0.67 0.00 | 51.56 -0.73 0.00 | 63.82 -0.72 0.00 | 70.01 -0.57 0.00 | 73.13 -0.36 0.00 | 58.81 -0.12 0.00 |
| CH_RES_NIAGARA 23895 | 47.38 -0.90 0.00 | 42.64 -1.17 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.77 -1.45 0.00 | 39.22 -1.30 0.00 | 38.06 -1.85 0.00 | 46.00 -2.01 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.58 -1.49 0.00 | 67.54 -2.38 0.00 | 81.73 -2.16 0.00 | 71.69 -2.62 0.00 | 61.95 -2.40 0.00 | 46.81 -1.81 0.00 | 44.23 -1.85 2.79 | 42.53 -2.07 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| CH_RES_SYRACUSE 23985 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.22 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.84 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.83 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.14 -0.07 |
| CLINTON_WT_PWR 323605 | 47.96 -0.32 0.00 | 43.22 -0.58 0.00 | 38.40 -0.93 0.00 | 38.49 -0.60 0.00 | 34.90 -0.32 0.00 | 40.40 -0.12 0.00 | 39.75 -0.16 0.00 | 48.01 0.01 0.00 | 52.55 -0.23 0.00 | 56.01 -0.39 0.00 | 61.33 -0.74 0.00 | 68.79 -1.13 0.00 | 82.47 -1.42 0.00 | 73.01 -1.30 0.00 | 62.79 -1.55 0.00 | 46.83 -1.78 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.66 -1.59 0.00 | 50.59 -1.70 0.00 | 62.83 -1.71 0.00 | 69.21 -1.37 0.00 | 72.32 -1.18 0.00 | 58.49 -0.44 0.00 |
| CLINTON___LFGE 323618 | 48.40 0.12 0.00 | 43.59 -0.21 0.00 | 38.66 -0.67 0.00 | 38.72 -0.37 0.00 | 35.14 -0.08 0.00 | 40.77 0.24 0.00 | 40.01 0.10 0.00 | 48.44 0.44 0.00 | 52.82 0.04 0.00 | 56.24 -0.16 0.00 | 61.40 -0.67 0.00 | 68.79 -1.12 0.00 | 82.73 -1.16 0.00 | 73.32 -0.99 0.00 | 63.26 -1.08 0.00 | 47.07 -1.54 0.00 | 47.71 -1.15 0.00 | 47.31 -1.13 0.00 | 49.00 -1.25 0.00 | 50.97 -1.32 0.00 | 63.20 -1.34 0.00 | 69.52 -1.06 0.00 | 72.55 -0.95 0.00 | 58.67 -0.25 0.00 |
| COBBLENY_34_KV_TB1 80064 | 48.20 -0.08 0.00 | 43.37 -0.43 0.00 | 38.73 -0.60 0.00 | 38.41 -0.67 0.00 | 34.35 -0.86 0.00 | 39.91 -0.62 0.00 | 38.83 -1.07 0.00 | 47.36 -0.64 0.00 | 52.44 -0.34 0.00 | 57.21 0.81 0.00 | 62.54 0.47 0.00 | 69.92 0.01 0.00 | 84.87 0.98 0.00 | 74.51 0.20 0.00 | 64.51 0.16 0.00 | 48.80 0.19 0.00 | 46.24 0.20 2.83 | 44.68 0.13 3.90 | 50.65 0.40 0.00 | 52.98 0.69 0.00 | 64.80 0.26 0.00 | 70.93 0.35 0.00 | 73.83 0.33 0.00 | 59.22 0.30 0.00 |
| COFFEEN___115KV_TB3 355620 | 52.88 1.52 -3.08 | 46.85 1.11 -1.94 | 41.39 0.66 -1.40 | 41.03 0.58 -1.37 | 35.75 0.40 -0.12 | 42.64 0.58 -1.53 | 41.93 0.55 -1.47 | 51.42 0.80 -2.62 | 57.42 1.47 -3.17 | 62.40 2.17 -3.82 | 68.38 2.02 -4.28 | 77.77 2.81 -5.05 | 92.75 4.12 -4.75 | 78.49 4.07 -0.11 | 66.92 2.58 0.00 | 49.50 0.89 0.00 | 50.42 1.55 0.00 | 50.66 2.22 0.00 | 52.31 2.07 0.00 | 55.17 2.89 0.00 | 69.58 5.04 0.00 | 76.85 6.06 -0.21 | 80.09 6.14 -0.45 | 63.39 4.41 -0.05 |
| COLDSPRG_115KV_BK1 355956 | 47.90 -0.38 0.00 | 43.26 -0.55 0.00 | 38.59 -0.74 0.00 | 38.35 -0.73 0.00 | 34.26 -0.96 0.00 | 39.87 -0.65 0.00 | 39.00 -0.90 0.00 | 47.95 -0.05 0.00 | 53.37 0.59 0.00 | 58.40 2.00 0.00 | 63.82 1.75 0.00 | 71.43 1.52 0.00 | 86.76 2.88 0.00 | 75.85 1.54 0.00 | 65.77 1.43 0.00 | 50.16 1.54 0.00 | 48.99 1.49 1.37 | 48.21 1.65 1.88 | 52.45 2.20 0.00 | 54.87 2.58 0.00 | 66.94 2.40 0.00 | 72.99 2.41 0.00 | 75.75 2.25 0.00 | 60.23 1.30 0.00 |
| COLONIE_LFGE___ 323577 | 49.71 1.43 0.00 | 45.38 1.58 0.00 | 40.92 1.59 0.00 | 40.62 1.53 0.00 | 36.53 1.32 0.00 | 41.94 1.41 0.00 | 41.24 1.34 0.00 | 49.31 1.31 0.00 | 54.33 1.55 0.00 | 58.01 1.60 0.00 | 63.62 1.55 0.00 | 71.62 1.71 0.00 | 86.31 2.42 0.00 | 76.71 2.40 0.00 | 66.95 2.61 0.00 | 50.74 2.12 0.00 | 51.03 2.16 0.00 | 50.67 2.22 0.00 | 52.67 2.42 0.00 | 54.76 2.47 0.00 | 67.41 2.87 0.00 | 73.04 2.46 0.00 | 75.92 2.42 0.00 | 60.55 1.62 0.00 |
| COOPERNY_115KV_TB1 80082 | 49.39 1.11 0.00 | 45.04 1.24 0.00 | 40.60 1.27 0.00 | 40.29 1.21 0.00 | 36.24 1.02 0.00 | 41.63 1.11 0.00 | 40.96 1.06 0.00 | 49.11 1.11 0.00 | 53.92 1.14 0.00 | 57.54 1.14 0.00 | 63.47 1.40 0.00 | 71.75 1.84 0.00 | 86.51 2.63 0.00 | 76.98 2.67 0.00 | 67.17 2.82 0.00 | 51.03 2.42 0.00 | 51.34 2.48 0.00 | 50.88 2.44 0.00 | 52.65 2.40 0.00 | 54.82 2.53 0.00 | 67.14 2.60 0.00 | 72.83 2.25 0.00 | 75.53 2.03 0.00 | 60.13 1.21 0.00 |
| COPENHAGEN_WT_PWR 323753 | 51.78 0.26 -3.24 | 45.84 0.00 -2.04 | 40.47 -0.34 -1.47 | 40.12 -0.40 -1.44 | 34.88 -0.47 -0.13 | 41.70 -0.43 -1.61 | 41.00 -0.45 -1.55 | 50.39 -0.36 -2.75 | 56.39 0.30 -3.32 | 61.50 1.08 -4.02 | 67.37 0.80 -4.51 | 76.84 1.61 -5.31 | 91.57 2.69 -5.00 | 77.21 2.78 -0.12 | 66.01 1.66 0.00 | 48.87 0.26 0.00 | 49.77 0.90 0.00 | 49.97 1.52 0.00 | 51.50 1.25 0.00 | 54.19 1.90 0.00 | 68.08 3.53 0.00 | 75.34 4.54 -0.22 | 78.67 4.70 -0.47 | 62.41 3.42 -0.06 |
| CORNELL_____ 23752 | 49.21 0.93 0.00 | 44.56 0.76 0.00 | 40.04 0.70 0.00 | 39.77 0.68 0.00 | 35.73 0.51 0.00 | 41.22 0.69 0.00 | 40.48 0.57 0.00 | 48.89 0.89 0.00 | 53.63 0.85 0.00 | 57.42 1.02 0.00 | 63.14 1.07 0.00 | 71.14 1.23 0.00 | 86.16 2.10 -0.17 | 76.20 1.82 -0.08 | 66.15 1.80 0.00 | 50.11 1.50 0.00 | 51.73 1.59 -1.27 | 52.15 1.96 -1.75 | 52.64 2.39 0.00 | 54.80 2.51 0.00 | 67.13 2.59 0.00 | 73.46 2.74 -0.14 | 76.42 2.61 -0.31 | 60.48 1.52 -0.04 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|--------------------------|-------------------------|
| CORONA_69_KV_TB1 355595 | 51.25 2.97 0.00 | 46.99 3.18 0.00 | 42.28 2.95 0.00 | 41.86 2.77 0.00 | 37.62 2.40 0.00 | 43.12 2.59 0.00 | 42.29 2.38 0.00 | 50.45 2.45 0.00 | 55.28 2.50 0.00 | 58.96 2.55 0.00 | 65.17 3.09 0.00 | 73.82 3.91 0.00 | 89.34 5.32 -0.13 | 79.80 5.49 0.00 | 72.17 5.82 -2.00 | 57.46 4.99 -3.85 | 61.08 5.14 -7.07 | 66.56 5.03 -13.08 | 54.96 4.72 0.00 | 57.04 4.75 0.00 | 69.59 5.05 0.00 | 75.40 4.80 -0.03 | 107.93 4.25 -30.19 | 71.97 2.97 -10.08 |
| CORTLAND_115KV_TB3 80093 | 48.76 0.48 0.00 | 44.21 0.40 0.00 | 39.76 0.42 0.00 | 39.48 0.39 0.00 | 35.47 0.25 0.00 | 40.89 0.37 0.00 | 40.17 0.26 0.00 | 48.47 0.47 0.00 | 53.21 0.43 0.00 | 56.99 0.59 0.00 | 62.69 0.62 0.00 | 70.67 0.76 0.00 | 85.58 1.51 -0.18 | 75.72 1.33 -0.08 | 65.76 1.41 0.00 | 49.78 1.17 0.00 | 50.09 1.22 0.00 | 49.91 1.47 0.00 | 51.93 1.68 0.00 | 54.02 1.73 0.00 | 66.30 1.76 0.00 | 72.51 1.78 -0.15 | 75.52 1.70 -0.32 | 59.90 0.94 -0.04 |
| COXSACKIE___GT 23611 | 50.56 2.28 0.00 | 46.12 2.32 0.00 | 41.65 2.31 0.00 | 41.29 2.20 0.00 | 37.13 1.91 0.00 | 42.65 2.13 0.00 | 41.93 2.02 0.00 | 50.22 2.22 0.00 | 55.45 2.67 0.00 | 59.36 2.96 0.00 | 64.91 2.84 0.00 | 72.30 2.39 0.00 | 87.20 3.31 0.00 | 77.33 3.03 0.00 | 67.53 3.19 0.00 | 51.09 2.48 0.00 | 51.16 2.29 0.00 | 51.29 2.85 0.00 | 53.75 3.50 0.00 | 56.36 4.07 0.00 | 69.46 4.92 0.00 | 75.37 4.78 0.00 | 77.93 4.43 0.00 | 61.85 2.93 0.00 |
| CPV_VALLEY___CC1 323721 | 49.45 1.17 0.00 | 45.18 1.38 0.00 | 40.73 1.39 0.00 | 40.42 1.34 0.00 | 36.35 1.13 0.00 | 41.74 1.22 0.00 | 41.10 1.19 0.00 | 49.22 1.22 0.00 | 54.00 1.22 0.00 | 57.57 1.16 0.00 | 63.51 1.44 0.00 | 71.85 1.94 0.00 | 86.71 2.82 0.00 | 77.18 2.88 0.00 | 67.46 3.11 0.00 | 51.36 2.75 0.00 | 51.65 2.78 0.00 | 51.18 2.73 0.00 | 52.86 2.62 0.00 | 55.05 2.76 0.00 | 67.36 2.82 0.00 | 72.90 2.32 0.00 | 75.53 2.03 0.00 | 60.09 1.17 0.00 |
| CPV_VALLEY___CC2 323722 | 49.45 1.17 0.00 | 45.18 1.38 0.00 | 40.73 1.39 0.00 | 40.42 1.34 0.00 | 36.35 1.13 0.00 | 41.74 1.22 0.00 | 41.10 1.19 0.00 | 49.22 1.22 0.00 | 54.00 1.22 0.00 | 57.57 1.16 0.00 | 63.51 1.44 0.00 | 71.85 1.94 0.00 | 86.71 2.82 0.00 | 77.18 2.88 0.00 | 67.46 3.11 0.00 | 51.36 2.75 0.00 | 51.65 2.78 0.00 | 51.18 2.73 0.00 | 52.86 2.62 0.00 | 55.05 2.76 0.00 | 67.36 2.82 0.00 | 72.90 2.32 0.00 | 75.53 2.03 0.00 | 60.09 1.17 0.00 |
| CRESCENT___HYD 24018 | 49.71 1.43 0.00 | 45.38 1.58 0.00 | 40.92 1.59 0.00 | 40.62 1.53 0.00 | 36.53 1.32 0.00 | 41.94 1.41 0.00 | 41.24 1.34 0.00 | 49.31 1.31 0.00 | 54.33 1.55 0.00 | 58.01 1.60 0.00 | 63.62 1.55 0.00 | 71.62 1.71 0.00 | 86.31 2.42 0.00 | 76.71 2.40 0.00 | 66.95 2.61 0.00 | 50.74 2.12 0.00 | 51.03 2.16 0.00 | 50.67 2.22 0.00 | 52.67 2.42 0.00 | 54.76 2.47 0.00 | 67.41 2.87 0.00 | 73.04 2.46 0.00 | 75.92 2.42 0.00 | 60.55 1.62 0.00 |
| CRICKET___VALLEY_CC1 323756 | 49.53 1.25 0.00 | 45.33 1.53 0.00 | 40.89 1.56 0.00 | 40.57 1.49 0.00 | 36.47 1.25 0.00 | 41.83 1.30 0.00 | 41.26 1.35 0.00 | 49.41 1.41 0.00 | 54.26 1.48 0.00 | 57.86 1.46 0.00 | 63.68 1.61 0.00 | 71.94 2.03 0.00 | 86.87 2.98 0.00 | 77.42 3.11 0.00 | 67.80 3.46 0.00 | 51.71 3.10 0.00 | 51.99 3.12 0.00 | 51.53 3.09 0.00 | 53.21 2.96 0.00 | 55.28 3.00 0.00 | 67.67 3.13 0.00 | 73.06 2.48 0.00 | 75.64 2.14 0.00 | 60.16 1.24 0.00 |
| CRICKET___VALLEY_CC2 323757 | 49.53 1.25 0.00 | 45.33 1.53 0.00 | 40.89 1.56 0.00 | 40.57 1.49 0.00 | 36.47 1.25 0.00 | 41.83 1.30 0.00 | 41.26 1.35 0.00 | 49.41 1.41 0.00 | 54.26 1.48 0.00 | 57.86 1.46 0.00 | 63.68 1.61 0.00 | 71.94 2.03 0.00 | 86.87 2.98 0.00 | 77.42 3.11 0.00 | 67.80 3.46 0.00 | 51.71 3.10 0.00 | 51.99 3.12 0.00 | 51.53 3.09 0.00 | 53.21 2.96 0.00 | 55.28 3.00 0.00 | 67.67 3.13 0.00 | 73.06 2.48 0.00 | 75.64 2.14 0.00 | 60.16 1.24 0.00 |
| CRICKET___VALLEY_CC3 323758 | 49.53 1.25 0.00 | 45.33 1.53 0.00 | 40.89 1.56 0.00 | 40.57 1.49 0.00 | 36.47 1.25 0.00 | 41.83 1.30 0.00 | 41.26 1.35 0.00 | 49.41 1.41 0.00 | 54.26 1.48 0.00 | 57.86 1.46 0.00 | 63.68 1.61 0.00 | 71.94 2.03 0.00 | 86.87 2.98 0.00 | 77.42 3.11 0.00 | 67.80 3.46 0.00 | 51.71 3.10 0.00 | 51.99 3.12 0.00 | 51.53 3.09 0.00 | 53.21 2.96 0.00 | 55.28 3.00 0.00 | 67.67 3.13 0.00 | 73.06 2.48 0.00 | 75.64 2.14 0.00 | 60.16 1.24 0.00 |
| CRUCIBLE_METL_DRP 24180 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| DAHOWA___HYDRO 323763 | 50.72 2.44 0.00 | 46.21 2.41 0.00 | 41.60 2.27 0.00 | 41.27 2.18 0.00 | 37.11 1.89 0.00 | 42.63 2.11 0.00 | 41.88 1.98 0.00 | 50.19 2.18 0.00 | 55.18 2.40 0.00 | 58.99 2.59 0.00 | 64.57 2.50 0.00 | 72.55 2.64 0.00 | 87.36 3.47 0.00 | 77.79 3.48 0.00 | 67.88 3.54 0.00 | 51.49 2.88 0.00 | 51.90 3.03 0.00 | 51.60 3.16 0.00 | 54.02 3.77 0.00 | 56.28 4.00 0.00 | 69.32 4.78 0.00 | 75.01 4.43 0.00 | 77.73 4.24 0.00 | 62.01 3.09 0.00 |
| DANC___LFGE 323619 | 52.43 0.03 -4.12 | 46.24 -0.16 -2.60 | 40.87 -0.34 -1.88 | 40.52 -0.40 -1.83 | 34.93 -0.46 -0.17 | 42.14 -0.43 -2.05 | 41.41 -0.47 -1.97 | 51.04 -0.43 -3.46 | 56.84 -0.08 -4.15 | 61.94 0.44 -5.09 | 68.05 0.23 -5.74 | 77.34 0.66 -6.76 | 91.65 1.40 -6.36 | 75.99 1.53 -0.15 | 65.31 0.97 0.00 | 48.66 0.04 0.00 | 49.30 0.43 0.00 | 49.25 0.81 0.00 | 50.91 0.67 0.00 | 53.35 1.06 0.00 | 66.55 2.01 0.00 | 73.43 2.58 -0.27 | 76.76 2.68 -0.59 | 60.83 1.83 -0.07 |
| DANSKAMMER___1 23586 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.31 0.00 | 41.30 2.22 0.00 | 37.13 1.91 0.00 | 42.64 2.12 0.00 | 42.03 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.24 5.35 0.00 | 79.52 5.21 0.00 | 69.67 5.32 0.00 | 53.12 4.51 0.00 | 53.48 4.61 0.00 | 52.98 4.53 0.00 | 54.73 4.48 0.00 | 56.90 4.62 0.00 | 69.54 5.00 0.00 | 75.10 4.52 0.00 | 77.64 4.14 0.00 | 61.66 2.73 0.00 |
| DANSKAMMER___2 23589 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.31 0.00 | 41.30 2.22 0.00 | 37.13 1.91 0.00 | 42.64 2.12 0.00 | 42.03 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.24 5.35 0.00 | 79.52 5.21 0.00 | 69.67 5.32 0.00 | 53.12 4.51 0.00 | 53.48 4.61 0.00 | 52.98 4.53 0.00 | 54.73 4.48 0.00 | 56.90 4.62 0.00 | 69.54 5.00 0.00 | 75.10 4.52 0.00 | 77.64 4.14 0.00 | 61.66 2.73 0.00 |
| DANSKAMMER___3 23590 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.31 0.00 | 41.30 2.22 0.00 | 37.13 1.91 0.00 | 42.64 2.12 0.00 | 42.03 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.24 5.35 0.00 | 79.52 5.21 0.00 | 69.67 5.32 0.00 | 53.12 4.51 0.00 | 53.48 4.61 0.00 | 52.98 4.53 0.00 | 54.73 4.48 0.00 | 56.90 4.62 0.00 | 69.54 5.00 0.00 | 75.10 4.52 0.00 | 77.64 4.14 0.00 | 61.66 2.73 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4 23591 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.31 0.00 | 41.30 2.22 0.00 | 37.13 1.91 0.00 | 42.64 2.12 0.00 | 42.03 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.24 5.35 0.00 | 79.52 5.21 0.00 | 69.67 5.32 0.00 | 53.12 4.51 0.00 | 53.48 4.61 0.00 | 52.98 4.53 0.00 | 54.73 4.48 0.00 | 56.90 4.62 0.00 | 69.54 5.00 0.00 | 75.10 4.52 0.00 | 77.64 4.14 0.00 | 61.66 2.73 0.00 |
| DANSKAMMER___DIESEL 23592 | 50.61 2.32 0.00 | 46.22 2.42 0.00 | 41.65 2.32 0.00 | 41.30 2.22 0.00 | 37.13 1.92 0.00 | 42.64 2.12 0.00 | 42.04 2.13 0.00 | 50.41 2.40 0.00 | 55.41 2.63 0.00 | 59.08 2.68 0.00 | 65.25 3.18 0.00 | 73.84 3.93 0.00 | 89.27 5.38 0.00 | 79.52 5.21 0.00 | 69.68 5.33 0.00 | 53.12 4.51 0.00 | 53.47 4.61 0.00 | 52.99 4.54 0.00 | 54.73 4.48 0.00 | 56.91 4.62 0.00 | 69.54 5.00 0.00 | 75.09 4.51 0.00 | 77.65 4.15 0.00 | 61.66 2.73 0.00 |
| DARBY___SOLAR 323810 | 50.49 2.21 0.00 | 45.99 2.19 0.00 | 41.42 2.09 0.00 | 41.09 2.01 0.00 | 36.95 1.73 0.00 | 42.44 1.92 0.00 | 41.71 1.81 0.00 | 49.95 1.94 0.00 | 54.93 2.15 0.00 | 58.69 2.28 0.00 | 64.28 2.21 0.00 | 72.23 2.32 0.00 | 87.00 3.11 0.00 | 77.41 3.11 0.00 | 67.55 3.21 0.00 | 51.24 2.63 0.00 | 51.65 2.78 0.00 | 51.32 2.87 0.00 | 53.66 3.41 0.00 | 55.91 3.62 0.00 | 68.86 4.31 0.00 | 74.55 3.96 0.00 | 77.30 3.81 0.00 | 61.68 2.75 0.00 |
| DASHVILLE___HYD 23610 | 50.18 1.90 0.00 | 45.79 1.98 0.00 | 41.29 1.96 0.00 | 40.95 1.87 0.00 | 36.83 1.60 0.00 | 42.28 1.76 0.00 | 41.63 1.73 0.00 | 49.88 1.88 0.00 | 54.79 2.01 0.00 | 58.43 2.03 0.00 | 64.47 2.40 0.00 | 72.97 3.06 0.00 | 88.08 4.20 0.00 | 78.55 4.25 0.00 | 68.78 4.44 0.00 | 52.38 3.77 0.00 | 52.72 3.85 0.00 | 52.24 3.80 0.00 | 53.94 3.69 0.00 | 56.12 3.83 0.00 | 68.66 4.12 0.00 | 74.25 3.67 0.00 | 76.79 3.29 0.00 | 61.04 2.12 0.00 |
| DELAWARE___LFGE 323621 | 49.30 1.02 0.00 | 44.83 1.03 0.00 | 40.51 1.17 0.00 | 40.25 1.17 0.00 | 36.22 1.00 0.00 | 41.68 1.16 0.00 | 40.89 0.98 0.00 | 49.09 1.09 0.00 | 54.04 1.26 0.00 | 57.82 1.42 0.00 | 63.69 1.62 0.00 | 71.85 1.94 0.00 | 86.70 2.75 -0.06 | 76.83 2.50 -0.03 | 66.86 2.52 0.00 | 50.57 1.96 0.00 | 50.84 1.97 0.00 | 50.42 1.98 0.00 | 52.37 2.12 0.00 | 54.47 2.18 0.00 | 66.91 2.38 0.00 | 73.03 2.40 -0.05 | 75.87 2.27 -0.11 | 60.36 1.42 -0.01 |
| DERFIELD_115KV_TB7 355931 | 48.35 0.08 0.00 | 43.94 0.14 0.00 | 39.53 0.20 0.00 | 39.28 0.19 0.00 | 35.37 0.15 0.00 | 40.68 0.16 0.00 | 40.01 0.11 0.00 | 48.08 0.08 0.00 | 52.88 0.10 0.00 | 56.52 0.11 0.00 | 62.18 0.11 0.00 | 70.06 0.15 0.00 | 84.22 0.34 0.00 | 74.62 0.31 0.00 | 64.80 0.46 0.00 | 49.04 0.42 0.00 | 49.29 0.42 0.00 | 48.91 0.47 0.00 | 50.75 0.50 0.00 | 52.80 0.52 0.00 | 65.05 0.51 0.00 | 70.99 0.40 0.00 | 73.87 0.37 0.00 | 59.10 0.18 0.00 |
| DOGLEVILLE___HYD 23807 | 49.05 0.77 0.00 | 44.84 1.04 0.00 | 40.64 1.30 0.00 | 40.31 1.22 0.00 | 36.24 1.02 0.00 | 41.61 1.09 0.00 | 40.79 0.88 0.00 | 48.69 0.68 0.00 | 53.34 0.56 0.00 | 56.87 0.47 0.00 | 61.84 -0.23 0.00 | 69.59 -0.33 0.00 | 84.12 0.23 0.00 | 74.54 0.23 0.00 | 65.29 0.95 0.00 | 49.87 1.26 0.00 | 49.87 1.00 0.00 | 49.92 1.47 0.00 | 52.91 2.66 0.00 | 55.37 3.08 0.00 | 67.89 3.35 0.00 | 73.24 2.67 0.00 | 76.03 2.53 0.00 | 60.31 1.38 0.00 |
| DUNKIRK__115KV_TB_200 55889 | 47.44 -0.84 0.00 | 42.80 -1.00 0.00 | 38.19 -1.14 0.00 | 37.96 -1.12 0.00 | 33.88 -1.34 0.00 | 39.42 -1.10 0.00 | 38.45 -1.46 0.00 | 47.16 -0.85 0.00 | 52.36 -0.42 0.00 | 57.30 0.90 0.00 | 62.71 0.64 0.00 | 70.30 0.39 0.00 | 85.10 1.21 0.00 | 74.30 -0.01 0.00 | 64.45 0.11 0.00 | 49.14 0.52 0.00 | 46.55 0.44 2.76 | 45.13 0.48 3.80 | 51.18 0.93 0.00 | 53.67 1.38 0.00 | 65.45 0.91 0.00 | 71.51 0.93 0.00 | 74.44 0.94 0.00 | 59.42 0.50 0.00 |
| DUNKIRK___1 23563 | 47.44 -0.84 0.00 | 42.80 -1.00 0.00 | 38.19 -1.14 0.00 | 37.96 -1.12 0.00 | 33.88 -1.34 0.00 | 39.42 -1.10 0.00 | 38.45 -1.46 0.00 | 47.16 -0.85 0.00 | 52.36 -0.42 0.00 | 57.30 0.90 0.00 | 62.71 0.64 0.00 | 70.30 0.39 0.00 | 85.10 1.21 0.00 | 74.30 -0.01 0.00 | 64.45 0.11 0.00 | 49.14 0.52 0.00 | 46.55 0.44 2.76 | 45.13 0.48 3.80 | 51.18 0.93 0.00 | 53.67 1.38 0.00 | 65.45 0.91 0.00 | 71.51 0.93 0.00 | 74.44 0.94 0.00 | 59.42 0.50 0.00 |
| DUNKIRK___2 23564 | 47.44 -0.84 0.00 | 42.80 -1.00 0.00 | 38.19 -1.14 0.00 | 37.96 -1.12 0.00 | 33.88 -1.34 0.00 | 39.42 -1.10 0.00 | 38.45 -1.46 0.00 | 47.16 -0.85 0.00 | 52.36 -0.42 0.00 | 57.30 0.90 0.00 | 62.71 0.64 0.00 | 70.30 0.39 0.00 | 85.10 1.21 0.00 | 74.30 -0.01 0.00 | 64.45 0.11 0.00 | 49.14 0.52 0.00 | 46.55 0.44 2.76 | 45.13 0.48 3.80 | 51.18 0.93 0.00 | 53.67 1.38 0.00 | 65.45 0.91 0.00 | 71.51 0.93 0.00 | 74.44 0.94 0.00 | 59.42 0.50 0.00 |
| DUNKIRK___3 23565 | 47.50 -0.78 0.00 | 42.83 -0.97 0.00 | 38.24 -1.09 0.00 | 38.01 -1.08 0.00 | 33.94 -1.28 0.00 | 39.46 -1.07 0.00 | 38.44 -1.46 0.00 | 47.06 -0.95 0.00 | 52.16 -0.62 0.00 | 56.99 0.58 0.00 | 62.35 0.28 0.00 | 69.83 -0.08 0.00 | 84.58 0.70 0.00 | 73.98 -0.33 0.00 | 64.15 -0.19 0.00 | 48.79 0.17 0.00 | 46.10 0.11 2.87 | 44.60 0.11 3.95 | 50.73 0.48 0.00 | 53.16 0.87 0.00 | 64.87 0.33 0.00 | 70.93 0.35 0.00 | 73.89 0.39 0.00 | 59.06 0.14 0.00 |
| DUNKIRK___4 23566 | 47.50 -0.78 0.00 | 42.83 -0.97 0.00 | 38.24 -1.09 0.00 | 38.01 -1.08 0.00 | 33.94 -1.28 0.00 | 39.46 -1.07 0.00 | 38.44 -1.46 0.00 | 47.06 -0.95 0.00 | 52.16 -0.62 0.00 | 56.99 0.58 0.00 | 62.35 0.28 0.00 | 69.83 -0.08 0.00 | 84.58 0.70 0.00 | 73.98 -0.33 0.00 | 64.15 -0.19 0.00 | 48.79 0.17 0.00 | 46.10 0.11 2.87 | 44.60 0.11 3.95 | 50.73 0.48 0.00 | 53.16 0.87 0.00 | 64.87 0.33 0.00 | 70.93 0.35 0.00 | 73.89 0.39 0.00 | 59.06 0.14 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 50.51 2.23 0.00 | 46.24 2.44 0.00 | 41.66 2.34 0.00 | 41.31 2.23 0.00 | 37.16 1.94 0.00 | 42.67 2.14 0.00 | 42.07 2.17 0.00 | 50.33 2.33 0.00 | 55.14 2.36 0.00 | 58.74 2.34 0.00 | 64.80 2.72 0.00 | 73.35 3.44 0.00 | 88.64 4.75 0.00 | 79.03 4.72 0.00 | 69.17 4.83 0.00 | 52.89 4.27 0.00 | 53.16 4.30 0.00 | 52.64 4.19 0.00 | 54.21 3.96 0.00 | 56.42 4.13 0.00 | 68.88 4.34 0.00 | 74.41 3.83 0.00 | 76.99 3.49 0.00 | 61.21 2.29 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 50.21 1.93 0.00 | 45.85 2.05 0.00 | 41.31 1.98 0.00 | 40.98 1.90 0.00 | 36.85 1.63 0.00 | 42.32 1.80 0.00 | 41.70 1.80 0.00 | 49.98 1.98 0.00 | 54.99 2.21 0.00 | 58.60 2.20 0.00 | 64.70 2.63 0.00 | 73.25 3.34 0.00 | 88.51 4.63 0.00 | 78.86 4.55 0.00 | 69.03 4.69 0.00 | 52.61 4.00 0.00 | 52.96 4.09 0.00 | 52.49 4.05 0.00 | 54.21 3.97 0.00 | 56.40 4.12 0.00 | 68.94 4.41 0.00 | 74.50 3.92 0.00 | 77.06 3.56 0.00 | 61.22 2.29 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 50.51 2.24 0.00 | 46.41 2.60 0.00 | 41.77 2.44 0.00 | 41.39 2.31 0.00 | 37.25 2.03 0.00 | 42.76 2.23 0.00 | 42.33 2.43 0.00 | 50.47 2.47 0.00 | 55.10 2.32 0.00 | 58.59 2.19 0.00 | 64.71 2.63 0.00 | 73.23 3.32 0.00 | 88.50 4.60 -0.01 | 78.93 4.63 0.00 | 69.18 4.84 0.00 | 53.17 4.56 0.00 | 53.29 4.42 0.00 | 52.77 4.32 0.00 | 54.11 3.87 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.41 3.83 0.00 | 76.98 3.48 0.00 | 61.34 2.42 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| E179THST_13_KV_LOAD 356214 | 50.85 2.57 0.00 | 46.70 2.90 0.00 | 42.03 2.70 0.00 | 41.64 2.55 0.00 | 37.46 2.24 0.00 | 43.01 2.49 0.00 | 42.59 2.69 0.00 | 50.81 2.80 0.00 | 55.47 2.69 0.00 | 59.00 2.59 0.00 | 65.15 3.08 0.00 | 73.76 3.85 0.00 | 89.14 5.24 -0.01 | 79.51 5.20 0.00 | 69.69 5.34 0.00 | 53.56 4.95 0.00 | 53.69 4.82 0.00 | 53.15 4.71 0.00 | 54.50 4.25 0.00 | 56.87 4.59 0.00 | 69.36 4.83 0.00 | 74.94 4.36 0.00 | 77.51 4.01 0.00 | 61.76 2.84 0.00 |
| EAST HAMPTON___GT 23717 | 51.23 2.95 0.00 | 47.06 3.26 0.00 | 42.34 3.00 0.00 | 41.88 2.79 0.00 | 37.63 2.41 0.00 | 43.05 2.52 0.00 | 42.26 2.35 0.00 | 50.33 2.33 0.00 | 55.35 2.57 0.00 | 57.91 2.78 1.27 | 65.18 3.11 0.00 | 73.81 3.90 0.00 | 88.59 4.81 0.11 | 79.49 5.19 0.00 | 71.30 6.84 -0.11 | 176.05 6.08 -121.35 | 241.28 5.63 -186.78 | 287.54 5.70 -233.39 | 272.41 5.52 -216.64 | 272.74 5.15 -215.29 | 285.14 5.91 -214.70 | 199.13 6.06 -122.50 | 85.43 5.66 -6.27 | 61.93 3.91 0.89 |
| EAST RIVER___6 23660 | 50.62 2.34 0.00 | 46.38 2.58 0.00 | 41.79 2.46 0.00 | 41.43 2.34 0.00 | 37.27 2.05 0.00 | 42.83 2.30 0.00 | 42.29 2.39 0.00 | 50.58 2.58 0.00 | 55.40 2.63 0.00 | 58.99 2.59 0.00 | 65.10 3.03 0.00 | 73.72 3.81 0.00 | 89.14 5.25 0.00 | 79.49 5.18 0.00 | 69.55 5.21 0.00 | 53.26 4.64 0.00 | 53.48 4.61 0.00 | 52.88 4.43 0.00 | 54.34 4.09 0.00 | 56.60 4.31 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.13 3.63 0.00 | 61.36 2.44 0.00 |
| EAST RIVER___7 23524 | 50.62 2.34 0.00 | 46.38 2.58 0.00 | 41.79 2.46 0.00 | 41.43 2.34 0.00 | 37.27 2.05 0.00 | 42.83 2.30 0.00 | 42.29 2.39 0.00 | 50.58 2.58 0.00 | 55.40 2.63 0.00 | 58.99 2.59 0.00 | 65.10 3.03 0.00 | 73.72 3.81 0.00 | 89.14 5.25 0.00 | 79.49 5.18 0.00 | 69.55 5.21 0.00 | 53.26 4.64 0.00 | 53.48 4.61 0.00 | 52.88 4.43 0.00 | 54.34 4.09 0.00 | 56.60 4.31 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.13 3.63 0.00 | 61.36 2.44 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 50.38 2.10 0.00 | 46.11 2.31 0.00 | 41.55 2.22 0.00 | 41.20 2.12 0.00 | 37.05 1.83 0.00 | 42.55 2.03 0.00 | 41.95 2.05 0.00 | 50.19 2.19 0.00 | 55.01 2.24 0.00 | 58.59 2.19 0.00 | 64.67 2.59 0.00 | 73.21 3.29 0.00 | 88.45 4.57 0.00 | 78.85 4.55 0.00 | 69.02 4.68 0.00 | 52.73 4.11 0.00 | 53.01 4.14 0.00 | 52.49 4.04 0.00 | 54.07 3.82 0.00 | 56.28 3.99 0.00 | 68.72 4.18 0.00 | 74.25 3.67 0.00 | 76.82 3.33 0.00 | 61.07 2.14 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 51.08 2.80 0.00 | 46.93 3.13 0.00 | 42.22 2.89 0.00 | 41.77 2.68 0.00 | 37.53 2.31 0.00 | 42.93 2.40 0.00 | 42.14 2.24 0.00 | 50.20 2.20 0.00 | 55.20 2.42 0.00 | 57.76 2.63 1.27 | 65.02 2.95 0.00 | 73.64 3.73 0.00 | 88.35 4.58 0.11 | 79.29 4.98 0.00 | 71.16 6.70 -0.11 | 175.94 5.97 -121.35 | 241.18 5.54 -186.77 | 287.44 5.60 -233.39 | 272.31 5.42 -216.64 | 272.63 5.05 -215.29 | 285.00 5.77 -214.70 | 198.98 5.90 -122.49 | 85.25 5.49 -6.27 | 61.80 3.77 0.89 |
| EAST_POINT___SOLAR 323840 | 51.78 3.50 0.00 | 46.75 2.94 0.00 | 41.88 2.55 0.00 | 41.62 2.53 0.00 | 37.46 2.24 0.00 | 43.28 2.76 0.00 | 42.43 2.52 0.00 | 50.64 2.63 0.00 | 55.02 2.24 0.00 | 59.06 2.66 0.00 | 63.27 1.20 0.00 | 71.80 1.89 0.00 | 86.64 2.76 0.00 | 75.82 1.51 0.00 | 65.62 1.27 0.00 | 49.83 1.22 0.00 | 49.90 1.04 0.00 | 50.23 1.78 0.00 | 54.15 3.91 0.00 | 57.03 4.74 0.00 | 70.34 5.80 0.00 | 76.87 6.29 0.00 | 79.82 6.33 0.00 | 63.67 4.75 0.00 |
| EAST_PULASKI___ESR 323781 | 54.26 -0.21 -6.20 | 47.40 -0.30 -3.90 | 41.81 -0.34 -2.82 | 41.43 -0.41 -2.75 | 35.03 -0.44 -0.25 | 43.16 -0.44 -3.08 | 42.39 -0.48 -2.97 | 52.66 -0.50 -5.16 | 58.40 -0.52 -6.14 | 63.75 -0.28 -7.62 | 70.29 -0.41 -8.63 | 79.77 -0.31 -10.16 | 93.52 0.09 -9.55 | 74.80 0.28 -0.22 | 64.59 0.24 0.00 | 48.47 -0.14 0.00 | 48.87 0.01 0.00 | 48.57 0.12 0.00 | 50.36 0.12 0.00 | 52.55 0.26 0.00 | 65.07 0.53 0.00 | 71.64 0.66 -0.40 | 75.00 0.63 -0.87 | 59.25 0.23 -0.10 |
| EAST_RIVER___1 323558 | 50.66 2.38 0.00 | 46.41 2.61 0.00 | 41.82 2.49 0.00 | 41.46 2.37 0.00 | 37.29 2.07 0.00 | 42.85 2.32 0.00 | 42.31 2.41 0.00 | 50.60 2.60 0.00 | 55.42 2.64 0.00 | 58.99 2.59 0.00 | 65.10 3.03 0.00 | 73.74 3.82 0.00 | 89.14 5.25 0.00 | 79.49 5.18 0.00 | 69.54 5.20 0.00 | 53.26 4.64 0.00 | 53.47 4.60 0.00 | 52.89 4.44 0.00 | 54.38 4.13 0.00 | 56.65 4.36 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.15 3.66 0.00 | 61.37 2.45 0.00 |
| EAST_RIVER___2 323559 | 50.62 2.34 0.00 | 46.38 2.58 0.00 | 41.79 2.46 0.00 | 41.43 2.34 0.00 | 37.27 2.05 0.00 | 42.83 2.30 0.00 | 42.29 2.39 0.00 | 50.58 2.58 0.00 | 55.40 2.63 0.00 | 58.99 2.59 0.00 | 65.10 3.03 0.00 | 73.72 3.81 0.00 | 89.14 5.25 0.00 | 79.49 5.18 0.00 | 69.55 5.21 0.00 | 53.26 4.64 0.00 | 53.48 4.61 0.00 | 52.88 4.43 0.00 | 54.34 4.09 0.00 | 56.60 4.31 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.13 3.63 0.00 | 61.36 2.44 0.00 |
| EAST___DELAWARE_HYD 23607 | 49.22 0.94 0.00 | 44.84 1.03 0.00 | 40.38 1.04 0.00 | 40.03 0.94 0.00 | 35.99 0.77 0.00 | 41.34 0.81 0.00 | 40.73 0.83 0.00 | 48.87 0.86 0.00 | 53.69 0.91 0.00 | 57.32 0.91 0.00 | 63.25 1.18 0.00 | 71.70 1.78 0.00 | 86.51 2.63 0.00 | 77.28 2.98 0.00 | 67.65 3.31 0.00 | 51.42 2.81 0.00 | 51.91 3.04 0.00 | 51.47 3.02 0.00 | 53.27 3.02 0.00 | 55.39 3.10 0.00 | 67.80 3.26 0.00 | 73.32 2.74 0.00 | 75.76 2.26 0.00 | 60.12 1.19 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 46.95 -1.32 0.00 | 42.15 -1.66 0.00 | 37.79 -1.55 0.00 | 37.65 -1.43 0.00 | 33.85 -1.37 0.00 | 39.32 -1.21 0.00 | 38.34 -1.56 0.00 | 46.60 -1.40 0.00 | 51.58 -1.20 0.00 | 55.99 -0.41 0.00 | 61.08 -0.99 0.00 | 68.50 -1.41 0.00 | 83.44 -0.52 -0.07 | 73.31 -1.03 -0.03 | 63.91 -0.44 0.00 | 48.30 -0.32 0.00 | 59.87 -0.94 -11.94 | 64.40 -0.49 -16.44 | 50.83 0.58 0.00 | 53.70 1.42 0.00 | 66.03 1.49 0.00 | 72.90 2.26 -0.06 | 75.66 2.03 -0.13 | 60.12 1.18 -0.02 |
| ELBRIDGE_115KV_TB2 80188 | 51.10 -0.19 -3.02 | 45.47 -0.23 -1.90 | 40.47 -0.24 -1.37 | 40.18 -0.25 -1.34 | 35.04 -0.30 -0.12 | 41.74 -0.28 -1.50 | 40.99 -0.36 -1.44 | 50.22 -0.29 -2.51 | 55.44 -0.32 -2.98 | 59.91 -0.21 -3.71 | 66.02 -0.25 -4.20 | 74.69 -0.17 -4.95 | 88.85 0.21 -4.75 | 74.53 0.07 -0.15 | 64.62 0.27 0.00 | 48.95 0.34 0.00 | 49.17 0.31 0.00 | 48.72 0.27 0.00 | 50.62 0.37 0.00 | 52.77 0.48 0.00 | 64.87 0.32 0.00 | 71.13 0.28 -0.27 | 74.25 0.15 -0.60 | 58.78 -0.21 -0.07 |
| ELEC_TRO_TEK 24086 | 50.86 2.58 0.00 | 46.66 2.85 0.00 | 41.99 2.66 0.00 | 41.58 2.50 0.00 | 37.38 2.16 0.00 | 42.83 2.30 0.00 | 42.02 2.12 0.00 | 50.13 2.13 0.00 | 54.91 2.13 0.00 | 58.55 2.15 0.00 | 64.66 2.59 0.00 | 73.22 3.31 0.00 | 88.46 4.57 0.00 | 79.12 4.81 0.00 | 70.51 5.26 -0.91 | 56.62 4.63 -3.37 | 60.29 4.73 -6.69 | 66.14 4.61 -13.08 | 54.55 4.31 0.00 | 56.63 4.35 0.00 | 69.08 4.54 0.00 | 74.82 4.23 -0.01 | 88.80 3.63 -11.67 | 65.25 2.43 -3.90 |
| ELLENBURG_WT_PWR 323604 | 47.96 -0.32 0.00 | 43.22 -0.58 0.00 | 38.40 -0.93 0.00 | 38.49 -0.60 0.00 | 34.90 -0.32 0.00 | 40.40 -0.12 0.00 | 39.75 -0.16 0.00 | 48.01 0.01 0.00 | 52.55 -0.23 0.00 | 56.01 -0.39 0.00 | 61.33 -0.74 0.00 | 68.79 -1.13 0.00 | 82.47 -1.42 0.00 | 73.01 -1.30 0.00 | 62.79 -1.55 0.00 | 46.83 -1.78 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.66 -1.59 0.00 | 50.59 -1.70 0.00 | 62.83 -1.71 0.00 | 69.21 -1.37 0.00 | 72.32 -1.18 0.00 | 58.49 -0.44 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 47.87 -0.41 0.00 | 43.05 -0.75 0.00 | 38.45 -0.88 0.00 | 38.16 -0.92 0.00 | 34.11 -1.11 0.00 | 39.64 -0.89 0.00 | 38.55 -1.36 0.00 | 46.94 -1.06 0.00 | 51.99 -0.79 0.00 | 56.75 0.35 0.00 | 61.99 -0.08 0.00 | 69.25 -0.66 0.00 | 83.97 0.09 0.00 | 73.63 -0.68 0.00 | 63.77 -0.58 0.00 | 48.25 -0.37 0.00 | 45.36 -0.40 3.11 | 43.64 -0.54 4.27 | 49.88 -0.37 0.00 | 52.15 -0.13 0.00 | 63.82 -0.72 0.00 | 69.93 -0.65 0.00 | 72.94 -0.56 0.00 | 58.69 -0.23 0.00 |
| EMPIRE_CC_1 323656 | 48.75 0.47 0.00 | 44.58 0.78 0.00 | 40.31 0.98 0.00 | 40.04 0.95 0.00 | 36.01 0.79 0.00 | 41.30 0.78 0.00 | 40.62 0.71 0.00 | 48.45 0.45 0.00 | 53.37 0.59 0.00 | 56.96 0.55 0.00 | 62.45 0.38 0.00 | 70.32 0.40 0.00 | 84.75 0.86 0.00 | 75.30 0.99 0.00 | 65.80 1.46 0.00 | 49.84 1.23 0.00 | 50.09 1.22 0.00 | 49.69 1.24 0.00 | 51.52 1.27 0.00 | 53.54 1.25 0.00 | 65.88 1.34 0.00 | 71.39 0.81 0.00 | 74.24 0.75 0.00 | 59.29 0.37 0.00 |
| EMPIRE_CC_2 323658 | 48.75 0.47 0.00 | 44.58 0.78 0.00 | 40.31 0.98 0.00 | 40.04 0.95 0.00 | 36.01 0.79 0.00 | 41.30 0.78 0.00 | 40.62 0.71 0.00 | 48.45 0.45 0.00 | 53.37 0.59 0.00 | 56.96 0.55 0.00 | 62.45 0.38 0.00 | 70.32 0.40 0.00 | 84.75 0.86 0.00 | 75.30 0.99 0.00 | 65.80 1.46 0.00 | 49.84 1.23 0.00 | 50.09 1.22 0.00 | 49.69 1.24 0.00 | 51.52 1.27 0.00 | 53.54 1.25 0.00 | 65.88 1.34 0.00 | 71.39 0.81 0.00 | 74.24 0.75 0.00 | 59.29 0.37 0.00 |
| ENORWICH_115KV_TB1 80156 | 50.25 1.98 0.00 | 45.47 1.67 0.00 | 41.05 1.72 0.00 | 40.95 1.87 0.00 | 36.94 1.72 0.00 | 42.67 2.15 0.00 | 41.95 2.05 0.00 | 50.95 2.95 0.00 | 56.01 3.23 0.00 | 60.00 3.60 0.00 | 66.12 4.06 0.00 | 74.41 4.50 0.00 | 90.32 6.30 -0.13 | 79.75 5.38 -0.06 | 69.14 4.80 0.00 | 52.43 3.81 0.00 | 53.52 4.02 -0.63 | 53.30 3.99 -0.86 | 55.71 5.46 0.00 | 57.29 5.00 0.00 | 70.40 5.86 0.00 | 77.58 6.89 -0.11 | 80.31 6.58 -0.23 | 63.27 4.31 -0.03 |
| ERIE_ST__34_KV_TB1-2 80199 | 48.18 -0.10 0.00 | 43.33 -0.47 0.00 | 38.70 -0.63 0.00 | 38.39 -0.69 0.00 | 34.33 -0.89 0.00 | 39.89 -0.63 0.00 | 38.80 -1.10 0.00 | 47.38 -0.62 0.00 | 52.55 -0.22 0.00 | 57.37 0.96 0.00 | 62.72 0.65 0.00 | 70.11 0.19 0.00 | 85.14 1.26 0.00 | 74.71 0.41 0.00 | 64.80 0.46 0.00 | 49.01 0.39 0.00 | 46.24 0.49 3.12 | 44.58 0.42 4.29 | 50.87 0.62 0.00 | 53.12 0.84 0.00 | 64.98 0.43 0.00 | 71.02 0.44 0.00 | 73.82 0.32 0.00 | 59.15 0.23 0.00 |
| ERIE_WT_PWR 323693 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.23 -0.85 0.00 | 34.15 -1.07 0.00 | 39.71 -0.81 0.00 | 38.62 -1.28 0.00 | 47.12 -0.88 0.00 | 52.18 -0.60 0.00 | 56.92 0.52 0.00 | 62.22 0.15 0.00 | 69.47 -0.44 0.00 | 84.45 0.56 0.00 | 73.98 -0.33 0.00 | 64.09 -0.26 0.00 | 48.47 -0.14 0.00 | 45.17 -0.19 3.51 | 43.35 -0.27 4.83 | 50.20 -0.05 0.00 | 52.54 0.26 0.00 | 64.31 -0.23 0.00 | 70.49 -0.09 0.00 | 73.47 -0.02 0.00 | 59.04 0.12 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 50.55 2.27 0.00 | 45.59 1.79 0.00 | 40.91 1.58 0.00 | 40.67 1.59 0.00 | 36.64 1.43 0.00 | 42.32 1.80 0.00 | 41.59 1.69 0.00 | 50.15 2.14 0.00 | 55.18 2.40 0.00 | 59.13 2.73 0.00 | 65.08 3.01 0.00 | 73.41 3.50 0.00 | 88.54 4.65 0.00 | 78.20 3.89 0.00 | 67.69 3.34 0.00 | 51.06 2.45 0.00 | 51.34 2.47 0.00 | 50.92 2.47 0.00 | 53.18 2.93 0.00 | 55.53 3.24 0.00 | 68.25 3.71 0.00 | 74.88 4.30 0.00 | 77.90 4.41 0.00 | 62.18 3.26 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 49.10 0.82 0.00 | 44.48 0.68 0.00 | 39.96 0.63 0.00 | 39.70 0.61 0.00 | 35.68 0.46 0.00 | 41.16 0.63 0.00 | 40.41 0.51 0.00 | 48.80 0.79 0.00 | 53.54 0.76 0.00 | 57.33 0.92 0.00 | 63.05 0.98 0.00 | 71.04 1.13 0.00 | 86.02 1.96 -0.18 | 76.06 1.68 -0.08 | 66.04 1.70 0.00 | 50.02 1.41 0.00 | 51.41 1.49 -1.05 | 51.69 -0.27 -1.45 | 52.47 2.22 0.00 | 54.60 2.32 0.00 | 66.93 2.39 0.00 | 73.24 2.51 -0.15 | 76.22 2.40 -0.32 | 60.32 1.35 -0.04 |
| ETNA____115KV_TB2 80207 | 49.10 0.82 0.00 | 44.48 0.68 0.00 | 39.96 0.63 0.00 | 39.70 0.61 0.00 | 35.68 0.46 0.00 | 41.16 0.63 0.00 | 40.41 0.51 0.00 | 48.80 0.79 0.00 | 53.54 0.76 0.00 | 57.33 0.92 0.00 | 63.05 0.98 0.00 | 71.04 1.13 0.00 | 86.02 1.96 -0.18 | 76.06 1.68 -0.08 | 66.04 1.70 0.00 | 50.02 1.41 0.00 | 51.41 1.49 -1.05 | 51.69 -0.27 -1.45 | 52.47 2.22 0.00 | 54.60 2.32 0.00 | 66.93 2.39 0.00 | 73.24 2.51 -0.15 | 76.22 2.40 -0.32 | 60.32 1.35 -0.04 |
| EUCLID___115KV_TB2 356179 | 49.28 -0.42 -1.43 | 44.26 -0.44 -0.90 | 39.59 -0.39 -0.65 | 39.29 -0.43 -0.63 | 34.81 -0.46 -0.06 | 40.76 -0.47 -0.71 | 40.05 -0.54 -0.68 | 48.66 -0.54 -1.19 | 53.65 -0.55 -1.42 | 57.80 -0.36 -1.76 | 63.68 -0.38 -1.98 | 71.91 -0.34 -2.34 | 86.08 -0.04 -2.23 | 74.28 -0.09 -0.07 | 64.49 0.15 0.00 | 48.78 0.17 0.00 | 48.99 0.12 0.00 | 48.49 0.05 0.00 | 50.34 0.09 0.00 | 52.40 0.11 0.00 | 64.46 -0.08 0.00 | 70.51 -0.20 -0.12 | 73.39 -0.37 -0.27 | 58.43 -0.53 -0.03 |
| E_CANADA_CAP_HY 24051 | 51.19 2.91 0.00 | 46.15 2.35 0.00 | 41.30 1.97 0.00 | 41.03 1.95 0.00 | 36.96 1.75 0.00 | 42.70 2.17 0.00 | 41.98 2.07 0.00 | 50.53 2.52 0.00 | 55.40 2.62 0.00 | 59.29 2.89 0.00 | 64.84 2.77 0.00 | 73.00 3.09 0.00 | 88.06 4.18 0.00 | 77.55 3.25 0.00 | 67.03 2.68 0.00 | 50.57 1.95 0.00 | 50.83 1.96 0.00 | 50.48 2.03 0.00 | 53.00 2.75 0.00 | 55.56 3.27 0.00 | 68.54 4.00 0.00 | 75.19 4.61 0.00 | 78.48 4.98 0.00 | 62.88 3.96 0.00 |
| E_CANADA_MHWK_HY 24050 | 49.05 0.77 0.00 | 44.84 1.04 0.00 | 40.64 1.30 0.00 | 40.31 1.22 0.00 | 36.24 1.02 0.00 | 41.61 1.08 0.00 | 40.79 0.88 0.00 | 48.69 0.68 0.00 | 53.34 0.56 0.00 | 56.87 0.46 0.00 | 61.84 -0.23 0.00 | 69.59 -0.32 0.00 | 84.12 0.23 0.00 | 74.54 0.23 0.00 | 65.30 0.95 0.00 | 49.87 1.26 0.00 | 49.87 1.00 0.00 | 49.92 1.47 0.00 | 52.91 2.66 0.00 | 55.37 3.08 0.00 | 67.89 3.34 0.00 | 73.24 2.66 0.00 | 76.03 2.53 0.00 | 60.31 1.38 0.00 |
| E_FISHKILL___LBMP 23776 | 49.93 1.65 0.00 | 45.69 1.89 0.00 | 41.19 1.86 0.00 | 40.86 1.78 0.00 | 36.74 1.53 0.00 | 42.18 1.66 0.00 | 41.57 1.66 0.00 | 49.75 1.75 0.00 | 54.58 1.80 0.00 | 58.15 1.74 0.00 | 64.11 2.04 0.00 | 72.50 2.59 0.00 | 87.54 3.65 0.00 | 77.99 3.68 0.00 | 68.26 3.91 0.00 | 52.05 3.43 0.00 | 52.33 3.46 0.00 | 51.84 3.40 0.00 | 53.49 3.25 0.00 | 55.64 3.35 0.00 | 68.05 3.51 0.00 | 73.56 2.98 0.00 | 76.16 2.66 0.00 | 60.59 1.66 0.00 |
| FALCON___SEABRD_CC1 323796 | 47.93 -0.35 0.00 | 43.20 -0.61 0.00 | 38.30 -1.04 0.00 | 38.36 -0.72 0.00 | 34.84 -0.38 0.00 | 40.43 -0.09 0.00 | 39.68 -0.23 0.00 | 48.03 0.02 0.00 | 52.25 -0.53 0.00 | 55.68 -0.72 0.00 | 60.67 -1.41 0.00 | 67.89 -2.02 0.00 | 81.63 -2.25 0.00 | 72.22 -2.09 0.00 | 62.29 -2.05 0.00 | 46.37 -2.25 0.00 | 46.93 -1.94 0.00 | 46.52 -1.93 0.00 | 48.18 -2.07 0.00 | 50.09 -2.20 0.00 | 62.13 -2.41 0.00 | 68.37 -2.21 0.00 | 71.41 -2.09 0.00 | 57.80 -1.12 0.00 |
| FALCON___SEABRD_CC2 323797 | 47.93 -0.35 0.00 | 43.20 -0.61 0.00 | 38.30 -1.04 0.00 | 38.36 -0.72 0.00 | 34.84 -0.38 0.00 | 40.43 -0.09 0.00 | 39.68 -0.23 0.00 | 48.03 0.02 0.00 | 52.25 -0.53 0.00 | 55.68 -0.72 0.00 | 60.67 -1.41 0.00 | 67.89 -2.02 0.00 | 81.63 -2.25 0.00 | 72.22 -2.09 0.00 | 62.29 -2.05 0.00 | 46.37 -2.25 0.00 | 46.93 -1.94 0.00 | 46.52 -1.93 0.00 | 48.18 -2.07 0.00 | 50.09 -2.20 0.00 | 62.13 -2.41 0.00 | 68.37 -2.21 0.00 | 71.41 -2.09 0.00 | 57.80 -1.12 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|
| FAR ROCKAWAY___4 23548 | 51.76 3.48 0.00 | 47.43 3.63 0.00 | 42.67 3.33 0.00 | 42.24 3.16 0.00 | 37.96 2.74 0.00 | 43.48 2.96 0.00 | 42.66 2.75 0.00 | 50.93 2.92 0.00 | 55.83 3.05 0.00 | 59.60 3.20 0.00 | 65.89 3.82 0.00 | 74.71 4.80 0.00 | 90.27 6.24 -0.14 | 80.62 6.31 0.00 | 73.04 6.57 -2.13 | 57.91 5.40 -3.90 | 61.55 5.58 -7.10 | 67.00 5.47 -13.08 | 55.39 5.15 0.00 | 57.44 5.15 0.00 | 70.05 5.51 0.00 | 75.91 5.29 -0.03 | 110.50 4.70 -32.30 | 73.32 3.61 -10.78 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 50.68 2.40 0.00 | 46.43 2.63 0.00 | 41.83 2.50 0.00 | 41.48 2.39 0.00 | 37.32 2.09 0.00 | 42.86 2.34 0.00 | 42.34 2.43 0.00 | 50.62 2.62 0.00 | 55.43 2.65 0.00 | 59.01 2.60 0.00 | 65.11 3.04 0.00 | 73.74 3.83 0.00 | 89.13 5.25 0.00 | 79.49 5.18 0.00 | 69.54 5.19 0.00 | 53.26 4.64 0.00 | 53.47 4.60 0.00 | 52.89 4.44 0.00 | 54.38 4.13 0.00 | 56.65 4.36 0.00 | 69.11 4.57 0.00 | 74.60 4.02 0.00 | 77.18 3.68 0.00 | 61.40 2.48 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 50.72 2.44 0.00 | 46.46 2.66 0.00 | 41.86 2.53 0.00 | 41.50 2.41 0.00 | 37.32 2.10 0.00 | 42.88 2.35 0.00 | 42.35 2.44 0.00 | 50.64 2.64 0.00 | 55.44 2.67 0.00 | 59.01 2.60 0.00 | 65.13 3.06 0.00 | 73.76 3.85 0.00 | 89.16 5.27 0.00 | 79.51 5.20 0.00 | 69.56 5.22 0.00 | 53.28 4.67 0.00 | 53.48 4.61 0.00 | 52.92 4.47 0.00 | 54.41 4.16 0.00 | 56.67 4.38 0.00 | 69.14 4.60 0.00 | 74.66 4.08 0.00 | 77.22 3.73 0.00 | 61.42 2.49 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 50.64 2.36 0.00 | 46.40 2.60 0.00 | 41.81 2.48 0.00 | 41.46 2.37 0.00 | 37.29 2.07 0.00 | 42.84 2.31 0.00 | 42.31 2.41 0.00 | 50.60 2.59 0.00 | 55.40 2.62 0.00 | 58.96 2.56 0.00 | 65.07 3.00 0.00 | 73.69 3.78 0.00 | 89.07 5.18 0.00 | 79.43 5.12 0.00 | 69.49 5.15 0.00 | 53.21 4.60 0.00 | 53.42 4.56 0.00 | 52.86 4.41 0.00 | 54.35 4.10 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.52 3.94 0.00 | 77.11 3.61 0.00 | 61.35 2.43 0.00 |
| FARRAGUT___LBMP 323566 | 50.60 2.32 0.00 | 46.37 2.56 0.00 | 41.77 2.45 0.00 | 41.42 2.34 0.00 | 37.25 2.03 0.00 | 42.80 2.27 0.00 | 42.26 2.35 0.00 | 50.53 2.53 0.00 | 55.33 2.55 0.00 | 58.88 2.48 0.00 | 64.97 2.89 0.00 | 73.58 3.67 0.00 | 88.94 5.05 0.00 | 79.31 5.00 0.00 | 69.39 5.04 0.00 | 53.15 4.53 0.00 | 53.35 4.48 0.00 | 52.78 4.34 0.00 | 54.27 4.03 0.00 | 56.52 4.24 0.00 | 68.97 4.43 0.00 | 74.45 3.87 0.00 | 77.03 3.53 0.00 | 61.28 2.36 0.00 |
| FENNER___WINDPWR 24204 | 49.15 0.87 0.00 | 44.55 0.75 0.00 | 40.00 0.67 0.00 | 39.71 0.62 0.00 | 35.72 0.50 0.00 | 41.19 0.67 0.00 | 40.52 0.62 0.00 | 48.87 0.87 0.00 | 53.59 0.81 0.00 | 57.27 0.87 0.00 | 62.95 0.87 0.00 | 70.96 1.05 0.00 | 85.86 1.84 -0.14 | 76.08 1.72 -0.06 | 65.96 1.62 0.00 | 49.95 1.34 0.00 | 50.40 1.54 0.00 | 50.24 1.80 0.00 | 52.07 1.82 0.00 | 54.12 1.83 0.00 | 66.66 2.12 0.00 | 72.92 2.23 -0.11 | 76.26 2.51 -0.25 | 60.65 1.70 -0.03 |
| FIBERTEK___ENERGY 23856 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| FITZPATRICK___ 23598 | 19.33 -1.26 27.69 | 25.18 -1.18 17.44 | 25.68 -1.06 12.59 | 25.73 -1.08 12.28 | 33.07 -1.03 1.12 | 25.63 -1.13 13.76 | 25.46 -1.19 13.26 | 23.72 -1.35 22.93 | 24.07 -1.48 27.23 | 21.01 -1.41 33.99 | 21.94 -1.58 38.56 | 22.76 -1.73 45.42 | 39.77 -1.83 42.29 | 71.83 -1.68 0.80 | 63.08 -1.26 0.00 | 47.70 -0.92 0.00 | 47.91 -0.96 0.00 | 47.48 -0.97 0.00 | 49.28 -0.97 0.00 | 51.30 -0.99 0.00 | 63.13 -1.40 0.01 | 67.53 -1.59 1.46 | 68.52 -1.79 3.19 | 56.98 -1.56 0.39 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 50.74 2.46 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.40 2.31 0.00 | 37.23 2.01 0.00 | 42.75 2.23 0.00 | 42.14 2.24 0.00 | 50.55 2.55 0.00 | 55.56 2.78 0.00 | 59.25 2.84 0.00 | 65.44 3.37 0.00 | 74.05 4.14 0.00 | 89.55 5.66 0.00 | 79.77 5.46 0.00 | 69.91 5.56 0.00 | 53.31 4.70 0.00 | 53.66 4.79 0.00 | 53.16 4.72 0.00 | 54.90 4.65 0.00 | 57.07 4.78 0.00 | 69.74 5.20 0.00 | 75.30 4.72 0.00 | 77.85 4.35 0.00 | 61.81 2.89 0.00 |
| FORT ORANGE___ 23900 | 48.45 0.17 0.00 | 44.30 0.50 0.00 | 40.04 0.71 0.00 | 39.74 0.66 0.00 | 35.75 0.53 0.00 | 41.03 0.51 0.00 | 40.35 0.45 0.00 | 48.24 0.24 0.00 | 53.12 0.34 0.00 | 56.75 0.35 0.00 | 62.25 0.17 0.00 | 69.86 -0.05 0.00 | 84.13 0.24 0.00 | 74.73 0.43 0.00 | 65.21 0.87 0.00 | 49.35 0.74 0.00 | 49.60 0.73 0.00 | 49.32 0.88 0.00 | 51.27 1.03 0.00 | 53.41 1.12 0.00 | 65.72 1.18 0.00 | 71.30 0.72 0.00 | 74.12 0.62 0.00 | 59.05 0.12 0.00 |
| FORT_DRUM_COGEN 23780 | 52.18 1.01 -2.89 | 46.28 0.66 -1.82 | 40.92 0.27 -1.31 | 40.57 0.21 -1.28 | 35.39 0.06 -0.12 | 42.14 0.18 -1.44 | 41.44 0.15 -1.38 | 50.81 0.34 -2.47 | 56.72 0.95 -2.99 | 61.61 1.62 -3.59 | 67.54 1.44 -4.02 | 76.90 2.25 -4.74 | 91.74 3.39 -4.46 | 77.82 3.41 -0.11 | 66.50 2.15 0.00 | 49.27 0.66 0.00 | 50.17 1.30 0.00 | 50.38 1.94 0.00 | 51.94 1.70 0.00 | 54.68 2.39 0.00 | 68.74 4.20 0.00 | 75.98 5.21 -0.19 | 79.30 5.38 -0.42 | 62.87 3.90 -0.05 |
| FOX_HILLS___ESR 323835 | 50.56 2.28 0.00 | 46.46 2.66 0.00 | 41.75 2.42 0.00 | 41.37 2.29 0.00 | 37.21 1.99 0.00 | 42.77 2.25 0.00 | 42.30 2.40 0.00 | 50.36 2.36 0.00 | 54.84 2.06 0.00 | 56.42 1.86 1.84 | 64.37 2.30 0.00 | 72.88 2.97 0.00 | 88.02 4.13 0.00 | 78.50 4.19 0.00 | 68.85 4.50 0.00 | 52.93 4.32 0.00 | 53.19 4.32 0.00 | 52.74 4.30 0.00 | 54.13 3.88 0.00 | 56.52 4.23 0.00 | 68.90 4.36 0.00 | 74.43 3.85 0.00 | 77.01 3.51 0.00 | 61.40 2.48 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 51.77 3.49 0.00 | 47.43 3.63 0.00 | 42.66 3.33 0.00 | 42.24 3.16 0.00 | 37.96 2.74 0.00 | 43.48 2.96 0.00 | 42.66 2.76 0.00 | 50.92 2.92 0.00 | 55.83 3.05 0.00 | 59.60 3.19 0.00 | 65.89 3.82 0.00 | 74.71 4.80 0.00 | 90.22 6.19 -0.14 | 80.62 6.31 0.00 | 73.03 6.56 -2.13 | 57.90 5.38 -3.90 | 61.55 5.57 -7.10 | 67.00 5.47 -13.09 | 55.39 5.14 0.00 | 57.44 5.15 0.00 | 70.05 5.51 0.00 | 75.90 5.29 -0.03 | 110.50 4.70 -32.30 | 73.32 3.61 -10.78 |
| FPL_FAR_ROCK_GT2 23815 | 51.77 3.49 0.00 | 47.43 3.63 0.00 | 42.66 3.33 0.00 | 42.24 3.16 0.00 | 37.96 2.74 0.00 | 43.48 2.96 0.00 | 42.66 2.76 0.00 | 50.92 2.92 0.00 | 55.83 3.05 0.00 | 59.60 3.19 0.00 | 65.89 3.82 0.00 | 74.71 4.80 0.00 | 90.22 6.19 -0.14 | 80.62 6.31 0.00 | 73.03 6.56 -2.13 | 57.90 5.38 -3.90 | 61.55 5.57 -7.10 | 67.00 5.47 -13.09 | 55.39 5.14 0.00 | 57.44 5.15 0.00 | 70.05 5.51 0.00 | 75.90 5.29 -0.03 | 110.50 4.70 -32.30 | 73.32 3.61 -10.78 |
| FRANKLIN_FALL_HYD 24054 | 48.84 0.56 0.00 | 43.96 0.16 0.00 | 39.07 -0.27 0.00 | 39.07 -0.01 0.00 | 35.35 0.14 0.00 | 40.90 0.38 0.00 | 40.32 0.42 0.00 | 48.69 0.68 0.00 | 53.24 0.46 0.00 | 56.80 0.39 0.00 | 62.35 0.28 0.00 | 70.00 0.09 0.00 | 83.86 -0.03 0.00 | 74.39 0.09 0.00 | 63.71 -0.64 0.00 | 47.38 -1.23 0.00 | 47.92 -0.95 0.00 | 47.59 -0.85 0.00 | 49.35 -0.90 0.00 | 51.38 -0.90 0.00 | 63.97 -0.57 0.00 | 70.48 -0.11 0.00 | 73.63 0.14 0.00 | 59.59 0.67 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| GILBOA____ 23599 | 49.01 0.73 0.00 | 44.76 0.95 0.00 | 40.73 1.39 0.00 | 40.43 1.35 0.00 | 36.36 1.14 0.00 | 41.74 1.21 0.00 | 40.81 0.90 0.00 | 48.77 0.77 0.00 | 53.61 0.83 0.00 | 57.25 0.84 0.00 | 63.00 0.92 0.00 | 71.04 1.13 0.00 | 85.54 1.66 0.00 | 75.90 1.60 0.00 | 66.24 1.89 0.00 | 49.94 1.33 0.00 | 50.16 1.29 0.00 | 49.75 1.30 0.00 | 51.54 1.30 0.00 | 53.65 1.37 0.00 | 66.08 1.54 0.00 | 72.01 1.43 0.00 | 74.88 1.38 0.00 | 59.70 0.77 0.00 |
| GINNA____ 23603 | 46.91 -1.37 0.00 | 42.27 -1.53 0.00 | 37.79 -1.54 0.00 | 37.46 -1.62 0.00 | 33.61 -1.61 0.00 | 38.88 -1.64 0.00 | 38.10 -1.81 0.00 | 46.20 -1.80 0.00 | 51.04 -1.74 0.00 | 55.25 -1.16 0.00 | 60.65 -1.42 0.00 | 68.27 -1.64 0.00 | 82.70 -1.18 0.00 | 73.03 -1.27 0.00 | 63.46 -0.88 0.00 | 47.91 -0.70 0.00 | 47.98 -0.91 -0.02 | 47.48 -0.99 -0.02 | 49.26 -0.99 0.00 | 51.24 -1.05 0.00 | 62.81 -1.73 0.00 | 68.68 -1.90 0.00 | 71.36 -2.13 0.00 | 57.07 -1.86 0.00 |
| GLEN PARK____ 23778 | 52.70 1.37 -3.05 | 46.70 0.98 -1.92 | 41.27 0.54 -1.39 | 40.91 0.47 -1.35 | 35.64 0.30 -0.12 | 42.51 0.47 -1.52 | 41.80 0.43 -1.46 | 51.26 0.66 -2.60 | 57.24 1.32 -3.14 | 62.21 2.02 -3.79 | 68.18 1.86 -4.25 | 77.57 2.66 -5.00 | 92.50 3.90 -4.71 | 78.29 3.88 -0.11 | 66.80 2.45 0.00 | 49.42 0.81 0.00 | 50.33 1.46 0.00 | 50.57 2.12 0.00 | 52.20 1.96 0.00 | 55.03 2.74 0.00 | 69.35 4.81 0.00 | 76.62 5.84 -0.20 | 79.87 5.93 -0.45 | 63.25 4.27 -0.05 |
| GLENDALE_27_KV_LOAD 356172 | 50.66 2.38 0.00 | 46.56 2.76 0.00 | 41.89 2.57 0.00 | 41.52 2.43 0.00 | 37.36 2.14 0.00 | 42.92 2.40 0.00 | 42.51 2.60 0.00 | 50.73 2.72 0.00 | 55.37 2.60 0.00 | 58.84 2.44 0.00 | 64.92 2.85 0.00 | 73.52 3.61 0.00 | 88.83 4.94 0.00 | 79.25 4.95 0.00 | 69.45 5.11 0.00 | 53.42 4.81 0.00 | 53.62 4.75 0.00 | 53.11 4.66 0.00 | 54.46 4.21 0.00 | 56.79 4.50 0.00 | 69.23 4.69 0.00 | 74.79 4.21 0.00 | 77.31 3.82 0.00 | 61.59 2.67 0.00 |
| GLENWOOD_IC_1_G5 23712 | 51.00 2.72 0.00 | 46.74 2.94 0.00 | 42.08 2.75 0.00 | 41.69 2.60 0.00 | 37.48 2.26 0.00 | 42.98 2.46 0.00 | 42.27 2.36 0.00 | 50.49 2.48 0.00 | 55.33 2.55 0.00 | 58.98 2.57 0.00 | 64.83 2.76 0.00 | 73.43 3.52 0.00 | 88.77 4.89 0.00 | 79.31 5.01 0.00 | 70.22 5.36 -0.52 | 56.68 4.78 -3.29 | 60.35 4.78 -6.69 | 66.25 4.72 -13.08 | 54.76 4.51 0.00 | 56.86 4.57 0.00 | 69.36 4.82 0.00 | 74.77 4.19 -5.08 | 82.32 3.75 -0.00 | 63.35 2.73 -1.70 |
| GLENWOOD_IC_2_G1 23688 | 50.70 2.42 0.00 | 46.46 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.38 0.00 | 37.28 2.07 0.00 | 42.77 2.24 0.00 | 42.10 2.19 0.00 | 50.30 2.30 0.00 | 55.12 2.34 0.00 | 58.74 2.33 0.00 | 64.86 2.79 0.00 | 73.43 3.52 0.00 | 88.70 4.81 0.00 | 79.20 4.89 0.00 | 69.74 5.14 -0.26 | 56.37 4.52 -3.24 | 60.14 4.58 -6.69 | 65.98 4.45 -13.09 | 54.45 4.20 0.00 | 56.60 4.31 0.00 | 69.09 4.55 0.00 | 74.67 4.09 0.00 | 77.10 3.60 0.00 | 61.34 2.41 0.00 |
| GLENWOOD_IC_3_G1 23689 | 50.70 2.42 0.00 | 46.46 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.38 0.00 | 37.28 2.07 0.00 | 42.77 2.24 0.00 | 42.10 2.19 0.00 | 50.30 2.30 0.00 | 55.12 2.34 0.00 | 58.74 2.33 0.00 | 64.86 2.79 0.00 | 73.43 3.52 0.00 | 88.70 4.81 0.00 | 79.20 4.89 0.00 | 69.74 5.14 -0.26 | 56.37 4.52 -3.24 | 60.14 4.58 -6.69 | 65.98 4.45 -13.09 | 54.45 4.20 0.00 | 56.60 4.31 0.00 | 69.09 4.55 0.00 | 74.67 4.09 0.00 | 77.10 3.60 0.00 | 61.34 2.41 0.00 |
| GLENWOOD____4 23550 | 51.00 2.72 0.00 | 46.74 2.94 0.00 | 42.08 2.75 0.00 | 41.69 2.60 0.00 | 37.48 2.26 0.00 | 42.98 2.46 0.00 | 42.27 2.36 0.00 | 50.49 2.48 0.00 | 55.33 2.55 0.00 | 58.99 2.58 0.00 | 64.98 2.91 0.00 | 73.59 3.68 0.00 | 88.98 5.10 0.00 | 79.51 5.20 0.00 | 70.36 5.50 -0.52 | 56.77 4.87 -3.29 | 60.46 4.90 -6.69 | 66.33 4.80 -13.08 | 54.81 4.56 0.00 | 56.93 4.64 0.00 | 69.45 4.91 0.00 | 74.96 4.37 0.00 | 82.44 3.87 -5.08 | 63.35 2.73 -1.70 |
| GLENWOOD____5 23614 | 51.00 2.72 0.00 | 46.74 2.94 0.00 | 42.08 2.75 0.00 | 41.69 2.60 0.00 | 37.48 2.26 0.00 | 42.98 2.46 0.00 | 42.27 2.36 0.00 | 50.49 2.48 0.00 | 55.33 2.55 0.00 | 58.99 2.58 0.00 | 64.98 2.91 0.00 | 73.59 3.68 0.00 | 88.98 5.10 0.00 | 79.51 5.20 0.00 | 70.36 5.50 -0.52 | 56.77 4.87 -3.29 | 60.46 4.90 -6.69 | 66.33 4.80 -13.08 | 54.81 4.56 0.00 | 56.93 4.64 0.00 | 69.45 4.91 0.00 | 74.96 4.37 0.00 | 82.44 3.87 -5.08 | 63.35 2.73 -1.70 |
| GLOBAL GREEN_PORT_GT1 23814 | 51.69 3.41 0.00 | 47.48 3.67 0.00 | 42.70 3.37 0.00 | 42.24 3.15 0.00 | 37.95 2.73 0.00 | 43.41 2.89 0.00 | 42.60 2.70 0.00 | 50.79 2.79 0.00 | 55.83 3.06 0.00 | 58.51 3.38 1.28 | 65.91 3.85 0.00 | 74.65 4.74 0.00 | 89.61 5.84 0.11 | 80.28 5.98 0.00 | 71.98 7.52 -0.11 | 176.63 6.63 -121.38 | 241.47 5.77 -186.83 | 287.64 5.75 -233.45 | 272.52 5.58 -216.70 | 272.89 5.24 -215.36 | 285.48 6.18 -214.76 | 199.98 6.87 -122.53 | 86.12 6.35 -6.27 | 62.38 4.35 0.89 |
| GLOBE____DSASP 323697 | 47.29 -0.98 0.00 | 42.57 -1.24 0.00 | 38.00 -1.33 0.00 | 37.70 -1.38 0.00 | 33.72 -1.50 0.00 | 39.16 -1.36 0.00 | 37.99 -1.91 0.00 | 45.89 -2.11 0.00 | 50.73 -2.05 0.00 | 55.39 -1.02 0.00 | 60.43 -1.64 0.00 | 67.37 -2.54 0.00 | 81.52 -2.37 0.00 | 71.53 -2.77 0.00 | 61.81 -2.54 0.00 | 46.69 -1.92 0.00 | 44.16 -1.93 2.78 | 42.46 -2.16 3.82 | 47.98 -2.27 0.00 | 50.13 -2.16 0.00 | 61.18 -3.36 0.00 | 67.04 -3.54 0.00 | 70.26 -3.24 0.00 | 57.20 -1.73 0.00 |
| GOETHSLN____LBMP 323567 | 50.33 2.05 0.00 | 46.14 2.33 0.00 | 41.56 2.23 0.00 | 41.21 2.12 0.00 | 37.07 1.85 0.00 | 42.59 2.07 0.00 | 42.05 2.15 0.00 | 50.25 2.24 0.00 | 54.98 2.21 0.00 | 56.65 2.10 1.85 | 64.51 2.45 0.01 | 73.11 3.20 0.00 | 88.34 4.45 0.00 | 78.78 4.48 0.00 | 68.97 4.63 0.00 | 52.86 4.24 0.00 | 53.03 4.16 0.00 | 52.48 4.03 0.00 | 53.97 3.72 0.00 | 56.21 3.92 0.00 | 68.53 3.99 0.00 | 73.98 3.40 0.00 | 76.52 3.03 0.00 | 60.90 1.98 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 49.35 1.08 0.00 | 44.42 0.62 0.00 | 39.68 0.35 0.00 | 39.34 0.26 0.00 | 35.26 0.04 0.00 | 40.85 0.32 0.00 | 39.93 0.03 0.00 | 48.51 0.51 0.00 | 53.55 0.77 0.00 | 58.01 1.61 0.00 | 63.64 1.57 0.00 | 71.48 1.57 0.00 | 86.73 2.85 0.00 | 76.42 2.12 0.00 | 66.50 2.15 0.00 | 50.14 1.53 0.00 | 50.33 1.41 -0.05 | 49.65 1.16 -0.05 | 51.63 1.38 0.00 | 97.24 1.59 -43.37 | 65.99 1.45 0.00 | 72.26 1.67 0.00 | 75.11 1.61 0.00 | 60.14 1.22 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 49.86 1.58 0.00 | 45.19 1.39 0.00 | 40.75 1.42 0.00 | 40.49 1.41 0.00 | 36.47 1.25 0.00 | 42.03 1.50 0.00 | 41.24 1.33 0.00 | 49.62 1.61 0.00 | 54.64 1.87 0.00 | 58.55 2.14 0.00 | 64.54 2.47 0.00 | 72.81 2.90 0.00 | 87.85 3.96 0.00 | 77.80 3.50 0.00 | 67.62 3.28 0.00 | 51.11 2.50 0.00 | 51.40 2.53 0.00 | 50.98 2.53 0.00 | 53.06 2.81 0.00 | 55.25 2.96 0.00 | 67.76 3.22 0.00 | 74.06 3.48 0.00 | 76.87 3.37 0.00 | 61.20 2.28 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 48.25 -0.03 0.00 | 43.80 0.00 0.00 | 39.46 0.13 0.00 | 39.21 0.13 0.00 | 35.20 -0.02 0.00 | 40.60 0.08 0.00 | 39.75 -0.15 0.00 | 48.08 0.07 0.00 | 52.86 0.08 0.00 | 56.78 0.38 0.00 | 62.44 0.37 0.00 | 70.36 0.45 0.00 | 85.13 1.12 -0.12 | 75.25 0.89 -0.06 | 65.39 1.05 0.00 | 49.55 0.94 0.00 | 49.77 0.90 0.00 | 49.47 1.02 0.00 | 51.58 1.33 0.00 | 53.69 1.40 0.00 | 65.72 1.18 0.00 | 71.81 1.12 -0.10 | 74.70 0.98 -0.22 | 59.26 0.31 -0.03 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| GOWANUS_GT4_6 24135 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| GOWANUS_GT4_7 24136 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| GOWANUS_GT4_8 24137 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| GREATVRV_69_KV_BK1 356245 | 51.99 3.71 0.00 | 47.80 4.00 0.00 | 43.02 3.69 0.00 | 42.56 3.47 0.00 | 38.23 3.01 0.00 | 43.70 3.18 0.00 | 42.75 2.85 0.00 | 50.94 2.93 0.00 | 55.76 2.98 0.00 | 58.25 3.22 1.38 | 65.88 3.81 0.00 | 74.53 4.62 0.00 | 89.65 5.87 0.11 | 80.40 6.10 0.00 | 71.43 6.94 -0.15 | 128.54 6.01 -73.92 | 169.63 6.30 -114.47 | 201.11 6.08 -146.58 | 185.88 5.84 -129.79 | 187.05 5.77 -128.99 | 199.41 6.24 -128.63 | 150.15 6.18 -73.39 | 82.44 5.53 -3.41 | 62.02 3.75 0.65 |
| GREENBSH_115KV_TB3 55895 | 48.40 0.12 0.00 | 44.26 0.46 0.00 | 40.02 0.68 0.00 | 39.72 0.63 0.00 | 35.74 0.52 0.00 | 41.01 0.49 0.00 | 40.33 0.42 0.00 | 48.24 0.23 0.00 | 53.11 0.33 0.00 | 56.73 0.32 0.00 | 62.26 0.18 0.00 | 70.03 0.12 0.00 | 84.35 0.46 0.00 | 74.90 0.59 0.00 | 65.37 1.02 0.00 | 49.46 0.84 0.00 | 49.74 0.87 0.00 | 49.40 0.96 0.00 | 51.24 0.99 0.00 | 53.29 1.00 0.00 | 65.55 1.01 0.00 | 71.14 0.55 0.00 | 73.92 0.42 0.00 | 58.93 0.01 0.00 |
| GREENDGE_115KV_TB5 80291 | 48.67 0.40 0.00 | 43.94 0.13 0.00 | 39.41 0.07 0.00 | 39.13 0.04 0.00 | 35.10 -0.12 0.00 | 40.60 0.08 0.00 | 39.79 -0.12 0.00 | 48.36 0.35 0.00 | 53.09 0.31 0.00 | 57.11 0.71 0.00 | 62.52 0.45 0.00 | 70.11 0.20 0.00 | 84.88 0.89 -0.11 | 75.31 0.96 -0.05 | 65.44 1.10 0.00 | 49.63 1.01 0.00 | 55.05 0.98 -5.20 | 56.63 1.03 -7.15 | 51.72 1.48 0.00 | 54.03 1.74 0.00 | 66.22 1.68 0.00 | 72.43 1.76 -0.09 | 75.18 1.49 -0.19 | 59.75 0.80 -0.02 |
| GREENIDGE___3 23582 | 48.67 0.40 0.00 | 43.94 0.13 0.00 | 39.41 0.07 0.00 | 39.13 0.04 0.00 | 35.10 -0.12 0.00 | 40.60 0.08 0.00 | 39.79 -0.12 0.00 | 48.36 0.35 0.00 | 53.09 0.31 0.00 | 57.11 0.71 0.00 | 62.52 0.45 0.00 | 70.11 0.20 0.00 | 84.88 0.89 -0.11 | 75.31 0.96 -0.05 | 65.44 1.10 0.00 | 49.63 1.01 0.00 | 55.05 0.98 -5.20 | 56.63 1.03 -7.15 | 51.72 1.48 0.00 | 54.03 1.74 0.00 | 66.22 1.68 0.00 | 72.43 1.76 -0.09 | 75.18 1.49 -0.19 | 59.75 0.80 -0.02 |
| GREENIDGE___4 23583 | 48.67 0.40 0.00 | 43.94 0.13 0.00 | 39.41 0.07 0.00 | 39.13 0.04 0.00 | 35.10 -0.12 0.00 | 40.60 0.08 0.00 | 39.79 -0.12 0.00 | 48.36 0.35 0.00 | 53.09 0.31 0.00 | 57.11 0.71 0.00 | 62.50 0.43 0.00 | 70.11 0.20 0.00 | 84.89 0.90 -0.11 | 75.31 0.96 -0.05 | 65.45 1.11 0.00 | 49.63 1.02 0.00 | 55.04 0.98 -5.20 | 56.63 1.03 -7.15 | 51.72 1.48 0.00 | 54.03 1.74 0.00 | 66.22 1.68 0.00 | 72.42 1.75 -0.09 | 75.18 1.49 -0.19 | 59.74 0.80 -0.02 |
| GREENLWN_69_KV_BK 3 55738 | 50.51 2.23 0.00 | 46.62 2.81 0.00 | 42.00 2.67 0.00 | 41.55 2.47 0.00 | 37.34 2.12 0.00 | 42.63 2.11 0.00 | 41.59 1.69 0.00 | 49.37 1.36 0.00 | 53.93 1.16 0.00 | 54.03 1.10 3.47 | 63.58 1.51 0.00 | 72.00 2.09 0.00 | 86.81 3.03 0.11 | 77.93 3.62 0.00 | 68.88 4.40 -0.13 | 29.58 4.19 23.22 | 19.68 4.40 33.59 | 17.14 4.27 35.57 | 6.18 3.93 47.99 | 8.37 3.78 47.69 | 20.75 3.77 47.56 | 46.84 3.40 27.14 | 71.79 2.55 4.26 | 59.59 1.43 0.76 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| GRISSOM___SOLAR 323813 | 51.21 2.92 0.00 | 46.37 2.57 0.00 | 41.62 2.29 0.00 | 41.32 2.23 0.00 | 37.19 1.97 0.00 | 42.88 2.35 0.00 | 42.07 2.17 0.00 | 50.50 2.50 0.00 | 55.20 2.42 0.00 | 58.88 2.47 0.00 | 63.75 1.68 0.00 | 71.35 1.44 0.00 | 86.40 2.52 0.00 | 76.10 1.79 0.00 | 66.29 1.94 0.00 | 50.10 1.49 0.00 | 50.26 1.39 0.00 | 50.28 1.83 0.00 | 53.75 3.50 0.00 | 56.49 4.20 0.00 | 69.61 5.07 0.00 | 75.93 5.35 0.00 | 78.82 5.33 0.00 | 62.85 3.93 0.00 |
| GROVEVILLE___HYD 323602 | 50.74 2.46 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.40 2.31 0.00 | 37.23 2.01 0.00 | 42.75 2.23 0.00 | 42.14 2.24 0.00 | 50.55 2.55 0.00 | 55.56 2.78 0.00 | 59.25 2.84 0.00 | 65.44 3.37 0.00 | 74.05 4.14 0.00 | 89.55 5.66 0.00 | 79.77 5.46 0.00 | 69.91 5.56 0.00 | 53.31 4.70 0.00 | 53.66 4.79 0.00 | 53.16 4.72 0.00 | 54.90 4.65 0.00 | 57.07 4.78 0.00 | 69.74 5.20 0.00 | 75.30 4.72 0.00 | 77.85 4.35 0.00 | 61.81 2.89 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| HAMLTNNY_34_KV_TB 80303 | 51.47 0.41 -2.78 | 45.80 0.24 -1.75 | 40.75 0.16 -1.27 | 40.43 0.11 -1.23 | 35.33 0.00 -0.11 | 41.99 0.09 -1.38 | 41.24 0.00 -1.33 | 50.48 0.16 -2.31 | 55.68 0.15 -2.75 | 60.25 0.43 -3.42 | 66.41 0.47 -3.87 | 75.10 0.63 -4.56 | 89.53 1.27 -4.37 | 75.44 0.99 -0.14 | 65.50 1.16 0.00 | 49.65 1.03 0.00 | 49.79 0.92 0.00 | 49.35 0.90 0.00 | 51.26 1.02 0.00 | 53.40 1.11 0.00 | 65.59 1.05 0.00 | 71.91 1.08 -0.25 | 74.99 0.95 -0.54 | 59.46 0.47 -0.07 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 48.23 -0.05 0.00 | 43.75 -0.23 -0.17 | 36.87 -0.40 2.07 | 38.75 -0.33 0.00 | 35.00 -0.22 0.00 | 40.32 -0.21 0.00 | 39.82 -0.09 0.00 | 50.72 0.01 -2.71 | 52.76 -0.02 0.00 | 56.28 -0.13 0.00 | 61.96 -0.11 0.00 | 69.67 -0.24 0.00 | 83.08 -0.81 0.00 | 73.56 -0.83 -0.09 | 60.31 -1.26 2.78 | 0.00 -1.12 47.49 | 0.00 -1.12 47.75 | 0.00 -1.13 47.32 | 49.05 -1.19 0.00 | 51.02 -1.27 0.00 | 63.37 -1.17 0.00 | 69.78 -0.80 0.00 | 72.90 -0.60 0.00 | 58.84 -0.09 0.00 |
| HQ_GEN_WHEEL 23651 | 48.23 -0.05 0.00 | 43.75 -0.23 -0.17 | 36.87 -0.40 2.07 | 38.75 -0.33 0.00 | 35.00 -0.22 0.00 | 40.32 -0.21 0.00 | 39.82 -0.09 0.00 | 50.72 0.01 -2.71 | 52.76 -0.02 0.00 | 56.28 -0.13 0.00 | 61.96 -0.11 0.00 | 69.67 -0.24 0.00 | 83.08 -0.81 0.00 | 73.56 -0.83 -0.09 | 60.31 -1.26 2.78 | 0.00 -1.12 47.49 | 0.00 -1.12 47.75 | 0.00 -1.13 47.32 | 49.05 -1.19 0.00 | 51.02 -1.27 0.00 | 63.37 -1.17 0.00 | 69.78 -0.80 0.00 | 72.90 -0.60 0.00 | 58.84 -0.09 0.00 |
| HUDSON AVE_GT_3 23810 | 50.70 2.42 0.00 | 46.45 2.65 0.00 | 41.85 2.52 0.00 | 41.50 2.41 0.00 | 37.32 2.10 0.00 | 42.87 2.35 0.00 | 42.35 2.44 0.00 | 50.65 2.64 0.00 | 55.45 2.67 0.00 | 59.03 2.63 0.00 | 65.14 3.07 0.00 | 73.78 3.87 0.00 | 89.19 5.30 0.00 | 79.53 5.23 0.00 | 69.58 5.24 0.00 | 53.29 4.68 0.00 | 53.51 4.64 0.00 | 52.93 4.48 0.00 | 54.42 4.17 0.00 | 56.67 4.38 0.00 | 69.14 4.60 0.00 | 74.66 4.08 0.00 | 77.22 3.73 0.00 | 61.42 2.49 0.00 |
| HUDSON AVE_GT_4 23540 | 50.70 2.42 0.00 | 46.45 2.65 0.00 | 41.85 2.52 0.00 | 41.50 2.41 0.00 | 37.32 2.10 0.00 | 42.87 2.35 0.00 | 42.35 2.44 0.00 | 50.65 2.64 0.00 | 55.45 2.67 0.00 | 59.03 2.63 0.00 | 65.14 3.07 0.00 | 73.78 3.87 0.00 | 89.19 5.30 0.00 | 79.53 5.23 0.00 | 69.58 5.24 0.00 | 53.29 4.68 0.00 | 53.51 4.64 0.00 | 52.93 4.48 0.00 | 54.42 4.17 0.00 | 56.67 4.38 0.00 | 69.14 4.60 0.00 | 74.66 4.08 0.00 | 77.22 3.73 0.00 | 61.42 2.49 0.00 |
| HUDSON AVE_GT_5 23657 | 50.70 2.42 0.00 | 46.45 2.65 0.00 | 41.85 2.52 0.00 | 41.50 2.41 0.00 | 37.32 2.10 0.00 | 42.87 2.35 0.00 | 42.35 2.44 0.00 | 50.65 2.64 0.00 | 55.45 2.67 0.00 | 59.03 2.63 0.00 | 65.14 3.07 0.00 | 73.78 3.87 0.00 | 89.19 5.30 0.00 | 79.53 5.23 0.00 | 69.58 5.24 0.00 | 53.29 4.68 0.00 | 53.51 4.64 0.00 | 52.93 4.48 0.00 | 54.42 4.17 0.00 | 56.67 4.38 0.00 | 69.14 4.60 0.00 | 74.66 4.08 0.00 | 77.22 3.73 0.00 | 61.42 2.49 0.00 |
| HUDSON_AVE_10 24168 | 50.54 2.26 0.00 | 46.33 2.53 0.00 | 41.74 2.41 0.00 | 41.38 2.29 0.00 | 37.22 2.00 0.00 | 42.75 2.22 0.00 | 42.23 2.33 0.00 | 50.50 2.49 0.00 | 55.29 2.51 0.00 | 58.83 2.42 0.00 | 64.91 2.83 0.00 | 73.51 3.60 0.00 | 88.93 4.97 -0.07 | 79.25 4.95 0.00 | 69.34 4.99 0.00 | 53.22 4.49 -0.12 | 53.51 4.45 -0.19 | 52.75 4.31 0.00 | 54.24 4.00 0.00 | 56.51 4.22 0.00 | 68.92 4.38 0.00 | 74.41 3.83 0.00 | 77.01 3.51 0.00 | 61.24 2.31 0.00 |
| HUDSON___115KV_TB 4 355613 | 49.42 1.14 0.00 | 45.16 1.35 0.00 | 40.79 1.46 0.00 | 40.48 1.39 0.00 | 36.40 1.18 0.00 | 41.80 1.27 0.00 | 41.09 1.19 0.00 | 49.13 1.13 0.00 | 54.14 1.36 0.00 | 57.91 1.51 0.00 | 63.43 1.36 0.00 | 70.95 1.04 0.00 | 85.38 1.49 0.00 | 75.92 1.62 0.00 | 66.20 1.86 0.00 | 50.13 1.52 0.00 | 50.29 1.43 0.00 | 50.09 1.64 0.00 | 52.32 2.07 0.00 | 54.75 2.47 0.00 | 67.42 2.88 0.00 | 73.17 2.59 0.00 | 75.88 2.38 0.00 | 60.35 1.43 0.00 |
| HUNTER MOUNT___DRP 323613 | 49.72 1.44 0.00 | 45.42 1.62 0.00 | 41.05 1.72 0.00 | 40.72 1.63 0.00 | 36.62 1.40 0.00 | 42.06 1.53 0.00 | 41.33 1.43 0.00 | 49.45 1.44 0.00 | 54.52 1.75 0.00 | 58.38 1.97 0.00 | 63.87 1.81 0.00 | 71.38 1.46 0.00 | 85.94 2.06 0.00 | 76.25 1.95 0.00 | 66.51 2.17 0.00 | 50.29 1.68 0.00 | 50.52 1.65 0.00 | 50.38 1.93 0.00 | 52.65 2.40 0.00 | 55.08 2.80 0.00 | 67.88 3.34 0.00 | 73.69 3.11 0.00 | 76.35 2.85 0.00 | 60.70 1.77 0.00 |
| HUNTINGTON_RES_REC 323705 | 50.99 2.71 0.00 | 46.99 3.19 0.00 | 42.31 2.98 0.00 | 41.86 2.77 0.00 | 37.60 2.38 0.00 | 42.94 2.42 0.00 | 41.93 2.03 0.00 | 49.84 1.84 0.00 | 54.46 1.68 0.00 | 53.64 1.73 4.50 | 64.26 2.19 0.00 | 72.74 2.83 0.00 | 87.38 3.61 0.11 | 78.53 4.23 0.00 | 69.58 5.12 -0.12 | 350.22 4.74 -296.86 | 508.17 5.00 -454.30 | 609.97 4.85 -556.67 | 592.66 4.54 -537.87 | 591.22 4.40 -534.54 | 602.14 4.54 -533.07 | 378.98 4.25 -304.15 | 96.64 3.45 -19.69 | 60.23 2.15 0.84 |
| HUNTLEY___63 23557 | 48.17 -0.11 0.00 | 43.28 -0.52 0.00 | 38.63 -0.70 0.00 | 38.31 -0.77 0.00 | 34.26 -0.96 0.00 | 39.83 -0.69 0.00 | 38.68 -1.23 0.00 | 47.00 -1.00 0.00 | 52.03 -0.75 0.00 | 56.87 0.47 0.00 | 62.06 -0.01 0.00 | 69.13 -0.78 0.00 | 83.60 -0.29 0.00 | 73.39 -0.91 0.00 | 63.50 -0.85 0.00 | 48.00 -0.61 0.00 | 45.29 -0.67 2.90 | 43.59 -0.82 4.04 | 49.49 -0.76 0.00 | 51.71 -0.57 0.00 | 63.18 -1.36 0.00 | 69.23 -1.35 0.00 | 72.51 -0.99 0.00 | 58.69 -0.23 0.00 |
| HUNTLEY___64 23558 | 48.17 -0.11 0.00 | 43.28 -0.52 0.00 | 38.63 -0.70 0.00 | 38.31 -0.77 0.00 | 34.26 -0.96 0.00 | 39.83 -0.69 0.00 | 38.68 -1.23 0.00 | 47.00 -1.00 0.00 | 52.03 -0.75 0.00 | 56.87 0.47 0.00 | 62.06 -0.01 0.00 | 69.13 -0.78 0.00 | 83.60 -0.29 0.00 | 73.39 -0.91 0.00 | 63.50 -0.85 0.00 | 48.00 -0.61 0.00 | 45.29 -0.67 2.90 | 43.59 -0.82 4.04 | 49.49 -0.76 0.00 | 51.71 -0.57 0.00 | 63.18 -1.36 0.00 | 69.23 -1.35 0.00 | 72.51 -0.99 0.00 | 58.69 -0.23 0.00 |
| HUNTLEY___65 23559 | 48.17 -0.11 0.00 | 43.28 -0.52 0.00 | 38.63 -0.70 0.00 | 38.31 -0.77 0.00 | 34.26 -0.96 0.00 | 39.83 -0.69 0.00 | 38.68 -1.23 0.00 | 47.00 -1.00 0.00 | 52.03 -0.75 0.00 | 56.87 0.47 0.00 | 62.06 -0.01 0.00 | 69.13 -0.78 0.00 | 83.60 -0.29 0.00 | 73.39 -0.91 0.00 | 63.50 -0.85 0.00 | 48.00 -0.61 0.00 | 45.29 -0.67 2.90 | 43.59 -0.82 4.04 | 49.49 -0.76 0.00 | 51.71 -0.57 0.00 | 63.18 -1.36 0.00 | 69.23 -1.35 0.00 | 72.51 -0.99 0.00 | 58.69 -0.23 0.00 |
| HUNTLEY___66 23560 | 48.17 -0.11 0.00 | 43.28 -0.52 0.00 | 38.63 -0.70 0.00 | 38.31 -0.77 0.00 | 34.26 -0.96 0.00 | 39.83 -0.69 0.00 | 38.68 -1.23 0.00 | 47.00 -1.00 0.00 | 52.03 -0.75 0.00 | 56.87 0.47 0.00 | 62.06 -0.01 0.00 | 69.13 -0.78 0.00 | 83.60 -0.29 0.00 | 73.39 -0.91 0.00 | 63.50 -0.85 0.00 | 48.00 -0.61 0.00 | 45.29 -0.67 2.90 | 43.59 -0.82 4.04 | 49.49 -0.76 0.00 | 51.71 -0.57 0.00 | 63.18 -1.36 0.00 | 69.23 -1.35 0.00 | 72.51 -0.99 0.00 | 58.69 -0.23 0.00 |
| HUNTLEY___67 23561 | 47.67 -0.61 0.00 | 42.87 -0.93 0.00 | 38.29 -1.05 0.00 | 37.99 -1.09 0.00 | 33.96 -1.26 0.00 | 39.46 -1.07 0.00 | 38.34 -1.56 0.00 | 46.65 -1.35 0.00 | 51.64 -1.14 0.00 | 56.34 -0.06 0.00 | 61.52 -0.56 0.00 | 68.68 -1.23 0.00 | 83.27 -0.62 0.00 | 73.03 -1.28 0.00 | 63.20 -1.14 0.00 | 47.81 -0.81 0.00 | 45.03 -0.85 2.99 | 43.32 -1.03 4.10 | 49.35 -0.90 0.00 | 51.59 -0.69 0.00 | 63.17 -1.37 0.00 | 69.25 -1.33 0.00 | 72.33 -1.17 0.00 | 58.29 -0.63 0.00 |
| HUNTLEY___68 23562 | 47.67 -0.61 0.00 | 42.87 -0.93 0.00 | 38.29 -1.05 0.00 | 37.99 -1.09 0.00 | 33.96 -1.26 0.00 | 39.46 -1.07 0.00 | 38.34 -1.56 0.00 | 46.65 -1.35 0.00 | 51.64 -1.14 0.00 | 56.34 -0.06 0.00 | 61.52 -0.56 0.00 | 68.68 -1.23 0.00 | 83.27 -0.62 0.00 | 73.03 -1.28 0.00 | 63.20 -1.14 0.00 | 47.81 -0.81 0.00 | 45.03 -0.85 2.99 | 43.32 -1.03 4.10 | 49.35 -0.90 0.00 | 51.59 -0.69 0.00 | 63.17 -1.37 0.00 | 69.25 -1.33 0.00 | 72.33 -1.17 0.00 | 58.29 -0.63 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| HYLAND___LFGE 323620 | 49.51 1.23 0.00 | 44.41 0.60 0.00 | 39.71 0.38 0.00 | 39.40 0.32 0.00 | 35.35 0.14 0.00 | 41.03 0.51 0.00 | 40.23 0.32 0.00 | 48.56 0.55 0.00 | 52.59 -0.19 0.00 | 56.52 0.12 0.00 | 61.92 -0.15 0.00 | 69.58 -0.33 0.00 | 84.76 0.87 0.00 | 72.82 -1.48 0.00 | 62.12 -2.22 0.00 | 46.91 -1.71 0.00 | 59.35 -1.71 -12.19 | 62.86 -2.37 -16.78 | 48.21 -2.04 0.00 | 51.78 -0.51 0.00 | 64.82 0.28 0.00 | 76.45 5.86 0.00 | 77.76 4.26 0.00 | 61.66 2.74 0.00 |
| INDECK___CORINTH 23802 | 50.35 2.07 0.00 | 45.82 2.02 0.00 | 41.27 1.94 0.00 | 40.92 1.83 0.00 | 36.77 1.55 0.00 | 42.24 1.71 0.00 | 41.46 1.55 0.00 | 49.78 1.78 0.00 | 54.79 2.01 0.00 | 58.61 2.21 0.00 | 63.92 1.86 0.00 | 71.83 1.92 0.00 | 86.54 2.65 0.00 | 77.00 2.70 0.00 | 67.13 2.79 0.00 | 51.08 2.47 0.00 | 51.47 2.60 0.00 | 51.14 2.69 0.00 | 53.78 3.53 0.00 | 56.06 3.77 0.00 | 69.07 4.53 0.00 | 74.69 4.11 0.00 | 77.27 3.77 0.00 | 61.65 2.73 0.00 |
| INDECK___ILION 23567 | 48.73 0.45 0.00 | 44.38 0.58 0.00 | 40.05 0.72 0.00 | 39.76 0.67 0.00 | 35.77 0.55 0.00 | 41.13 0.61 0.00 | 40.40 0.50 0.00 | 48.43 0.42 0.00 | 53.20 0.42 0.00 | 56.80 0.40 0.00 | 62.22 0.15 0.00 | 70.08 0.17 0.00 | 84.43 0.55 0.00 | 74.84 0.53 0.00 | 65.20 0.86 0.00 | 49.52 0.90 0.00 | 49.68 0.81 0.00 | 49.46 1.02 0.00 | 51.78 1.54 0.00 | 54.03 1.74 0.00 | 66.40 1.86 0.00 | 72.11 1.53 0.00 | 74.94 1.45 0.00 | 59.73 0.81 0.00 |
| INDECK___OLEAN 23982 | 46.85 -1.43 0.00 | 42.37 -1.44 0.00 | 37.95 -1.38 0.00 | 37.75 -1.34 0.00 | 33.77 -1.45 0.00 | 39.18 -1.35 0.00 | 38.18 -1.73 0.00 | 46.67 -1.33 0.00 | 51.59 -1.19 0.00 | 56.12 -0.29 0.00 | 61.10 -0.97 0.00 | 68.18 -1.73 0.00 | 82.91 -0.97 0.00 | 72.72 -1.59 0.00 | 63.19 -1.16 0.00 | 47.94 -0.68 0.00 | 47.46 -0.76 0.65 | 47.03 -0.52 0.90 | 50.11 -0.14 0.00 | 52.40 0.11 0.00 | 64.03 -0.51 0.00 | 70.03 -0.55 0.00 | 72.80 -0.70 0.00 | 57.90 -1.03 0.00 |
| INDECK___OSWEGO 23783 | 57.22 -0.90 -9.83 | 49.13 -0.86 -6.19 | 43.03 -0.78 -4.47 | 42.63 -0.82 -4.36 | 34.82 -0.80 -0.40 | 44.53 -0.88 -4.89 | 43.69 -0.92 -4.71 | 55.07 -1.10 -8.16 | 61.06 -1.42 -9.70 | 67.07 -1.42 -12.08 | 74.15 -1.62 -13.69 | 84.30 -1.74 -16.13 | 97.30 -1.73 -15.14 | 73.12 -1.52 -0.34 | 63.20 -1.14 0.00 | 47.73 -0.88 0.00 | 47.97 -0.90 0.00 | 47.56 -0.88 0.00 | 49.37 -0.88 0.00 | 51.42 -0.87 0.00 | 63.31 -1.24 0.00 | 69.84 -1.36 -0.62 | 73.30 -1.56 -1.36 | 57.64 -1.45 -0.16 |
| INDECK___YERKES 23781 | 48.20 -0.08 0.00 | 43.32 -0.48 0.00 | 38.66 -0.67 0.00 | 38.35 -0.73 0.00 | 34.29 -0.93 0.00 | 39.87 -0.66 0.00 | 38.71 -1.19 0.00 | 47.05 -0.96 0.00 | 52.09 -0.69 0.00 | 56.93 0.52 0.00 | 62.11 0.03 0.00 | 69.16 -0.75 0.00 | 83.65 -0.24 0.00 | 73.39 -0.92 0.00 | 63.51 -0.83 0.00 | 48.00 -0.62 2.90 | 45.29 -0.67 4.04 | 43.60 -0.81 0.00 | 49.48 -0.77 0.00 | 51.72 -0.57 0.00 | 63.16 -1.38 0.00 | 69.21 -1.37 0.00 | 72.55 -0.95 0.00 | 58.76 -0.17 0.00 |
| INDIAN POINT_GT_1 24139 | 50.21 1.93 0.00 | 45.95 2.15 0.00 | 41.39 2.06 0.00 | 41.06 1.97 0.00 | 36.91 1.69 0.00 | 42.40 1.87 0.00 | 41.80 1.89 0.00 | 50.00 2.00 0.00 | 54.81 2.03 0.00 | 58.41 2.01 0.00 | 64.46 2.39 0.00 | 72.97 3.06 0.00 | 88.17 4.29 0.00 | 78.57 4.26 0.00 | 68.78 4.44 0.00 | 52.51 3.90 0.00 | 52.80 3.93 0.00 | 52.29 3.84 0.00 | 53.91 3.66 0.00 | 56.12 3.83 0.00 | 68.53 3.99 0.00 | 74.03 3.45 0.00 | 76.62 3.12 0.00 | 60.90 1.98 0.00 |
| INDIAN POINT_GT_2 23659 | 50.21 1.93 0.00 | 45.95 2.15 0.00 | 41.39 2.06 0.00 | 41.06 1.97 0.00 | 36.91 1.69 0.00 | 42.40 1.87 0.00 | 41.80 1.89 0.00 | 50.00 2.00 0.00 | 54.81 2.03 0.00 | 58.41 2.01 0.00 | 64.46 2.39 0.00 | 72.97 3.06 0.00 | 88.17 4.29 0.00 | 78.57 4.26 0.00 | 68.78 4.44 0.00 | 52.51 3.90 0.00 | 52.80 3.93 0.00 | 52.29 3.84 0.00 | 53.91 3.66 0.00 | 56.12 3.83 0.00 | 68.53 3.99 0.00 | 74.03 3.45 0.00 | 76.62 3.12 0.00 | 60.90 1.98 0.00 |
| INDIAN POINT_GT_3 24019 | 50.21 1.93 0.00 | 45.95 2.15 0.00 | 41.39 2.06 0.00 | 41.06 1.97 0.00 | 36.91 1.69 0.00 | 42.40 1.87 0.00 | 41.80 1.89 0.00 | 50.00 2.00 0.00 | 54.81 2.03 0.00 | 58.41 2.01 0.00 | 64.46 2.39 0.00 | 72.97 3.06 0.00 | 88.17 4.29 0.00 | 78.57 4.26 0.00 | 68.78 4.44 0.00 | 52.51 3.90 0.00 | 52.80 3.93 0.00 | 52.29 3.84 0.00 | 53.91 3.66 0.00 | 56.12 3.83 0.00 | 68.53 3.99 0.00 | 74.03 3.45 0.00 | 76.62 3.12 0.00 | 60.90 1.98 0.00 |
| INDIAN POINT___2 23530 | 50.16 1.88 0.00 | 45.88 2.08 0.00 | 41.33 2.00 0.00 | 41.00 1.92 0.00 | 36.87 1.65 0.00 | 42.34 1.82 0.00 | 41.73 1.83 0.00 | 49.94 1.94 0.00 | 54.73 1.95 0.00 | 58.31 1.91 0.00 | 64.38 2.31 0.00 | 72.89 2.98 0.00 | 88.05 4.16 0.00 | 78.45 4.15 0.00 | 68.66 4.32 0.00 | 52.43 3.81 0.00 | 52.70 3.84 0.00 | 52.20 3.76 0.00 | 53.83 3.58 0.00 | 56.05 3.76 0.00 | 68.42 3.88 0.00 | 73.93 3.35 0.00 | 76.51 3.02 0.00 | 60.81 1.88 0.00 |
| INDIAN POINT___3 23531 | 50.14 1.86 0.00 | 45.87 2.07 0.00 | 41.33 2.00 0.00 | 41.00 1.92 0.00 | 36.87 1.65 0.00 | 42.34 1.81 0.00 | 41.73 1.83 0.00 | 49.92 1.92 0.00 | 54.74 1.96 0.00 | 58.31 1.91 0.00 | 64.36 2.29 0.00 | 72.86 2.95 0.00 | 88.02 4.14 0.00 | 78.43 4.13 0.00 | 68.65 4.31 0.00 | 52.41 3.79 0.00 | 52.69 3.82 0.00 | 52.19 3.74 0.00 | 53.80 3.56 0.00 | 56.01 3.73 0.00 | 68.40 3.86 0.00 | 73.90 3.32 0.00 | 76.49 2.99 0.00 | 60.79 1.87 0.00 |
| INGHAM_C_115KV_TB7 356103 | 49.05 0.77 0.00 | 44.84 1.04 0.00 | 40.64 1.30 0.00 | 40.31 1.22 0.00 | 36.24 1.02 0.00 | 41.61 1.09 0.00 | 40.79 0.88 0.00 | 48.69 0.68 0.00 | 53.34 0.56 0.00 | 56.87 0.47 0.00 | 61.84 -0.23 0.00 | 69.59 -0.33 0.00 | 84.12 0.23 0.00 | 74.54 0.23 0.00 | 65.29 0.95 0.00 | 49.87 1.26 0.00 | 49.87 1.00 0.00 | 49.92 1.47 0.00 | 52.91 2.66 0.00 | 55.37 3.08 0.00 | 67.89 3.35 0.00 | 73.24 2.67 0.00 | 76.03 2.53 0.00 | 60.31 1.38 0.00 |
| IP CORINTH___1 23988 | 50.61 2.33 0.00 | 46.06 2.26 0.00 | 41.47 2.14 0.00 | 41.11 2.02 0.00 | 36.95 1.73 0.00 | 42.45 1.92 0.00 | 41.68 1.78 0.00 | 50.05 2.05 0.00 | 55.09 2.31 0.00 | 58.93 2.53 0.00 | 64.29 2.22 0.00 | 72.23 2.32 0.00 | 87.01 3.13 0.00 | 77.43 3.13 0.00 | 67.50 3.15 0.00 | 51.34 2.73 0.00 | 51.74 2.87 0.00 | 51.42 2.97 0.00 | 54.06 3.82 0.00 | 56.35 4.06 0.00 | 69.44 4.90 0.00 | 75.10 4.52 0.00 | 77.69 4.19 0.00 | 61.99 3.07 0.00 |
| IP___TICONDEROGA 23804 | 52.88 4.60 0.00 | 47.90 4.10 0.00 | 42.85 3.51 0.00 | 42.41 3.33 0.00 | 38.03 2.81 0.00 | 43.70 3.18 0.00 | 42.94 3.04 0.00 | 51.67 3.66 0.00 | 56.70 3.92 0.00 | 60.53 4.12 0.00 | 66.16 4.09 0.00 | 73.81 3.90 0.00 | 89.07 5.19 0.00 | 79.08 4.77 0.00 | 69.12 4.78 0.00 | 53.14 4.53 0.00 | 53.00 4.13 0.00 | 52.51 4.06 0.00 | 55.67 5.42 0.00 | 58.34 6.05 0.00 | 71.70 7.16 0.00 | 77.29 6.71 0.00 | 79.94 6.44 0.00 | 64.22 5.29 0.00 |
| ISLIP_RES_REC 323679 | 51.68 3.41 0.00 | 47.52 3.72 0.00 | 42.76 3.43 0.00 | 42.31 3.23 0.00 | 38.01 2.79 0.00 | 43.46 2.93 0.00 | 42.51 2.61 0.00 | 50.66 2.66 0.00 | 55.49 2.71 0.00 | 57.88 2.99 1.51 | 65.62 3.55 0.00 | 74.23 4.32 0.00 | 89.06 5.29 0.11 | 79.92 5.62 0.00 | 71.08 6.61 -0.13 | 171.31 5.82 -116.87 | 234.88 6.06 -179.94 | 279.56 5.80 -225.32 | 264.24 5.56 -208.42 | 264.95 5.53 -207.13 | 277.05 5.95 -206.56 | 194.30 5.87 -117.85 | 84.89 5.20 -6.19 | 61.61 3.49 0.80 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 50.90 2.62 0.00 | 46.68 2.88 0.00 | 42.07 2.73 0.00 | 41.69 2.60 0.00 | 37.49 2.27 0.00 | 43.04 2.52 0.00 | 42.55 2.64 0.00 | 50.85 2.85 0.00 | 55.71 2.93 0.00 | 59.24 2.83 0.00 | 65.26 3.19 0.00 | 73.97 4.06 0.00 | 89.56 5.59 -0.08 | 79.81 5.50 0.00 | 69.79 5.45 0.00 | 53.60 4.84 -0.15 | 53.95 4.84 -0.23 | 53.19 4.74 0.00 | 54.65 4.40 0.00 | 56.99 4.70 0.00 | 69.56 5.02 0.00 | 75.12 4.54 0.00 | 77.87 4.37 0.00 | 61.82 2.90 0.00 |
| JANIS__SOLAR 323808 | 49.87 1.59 0.00 | 45.11 1.30 0.00 | 40.59 1.26 0.00 | 40.39 1.30 0.00 | 36.34 1.12 0.00 | 41.97 1.45 0.00 | 41.23 1.32 0.00 | 49.83 1.83 0.00 | 54.56 1.78 0.00 | 58.20 1.80 0.00 | 63.94 1.86 0.00 | 71.92 2.00 0.00 | 87.19 3.15 -0.15 | 77.02 2.65 -0.07 | 66.82 2.48 0.00 | 50.64 2.03 0.00 | 51.93 2.24 -0.82 | 52.15 2.57 -1.13 | 54.21 3.96 0.00 | 56.16 3.87 0.00 | 68.76 4.22 0.00 | 75.52 4.81 -0.13 | 78.63 4.86 -0.27 | 61.75 2.80 -0.03 |
| JARVIS____ 23743 | 48.36 0.08 0.00 | 43.94 0.14 0.00 | 39.53 0.20 0.00 | 39.28 0.19 0.00 | 35.37 0.15 0.00 | 40.68 0.16 0.00 | 40.01 0.11 0.00 | 48.08 0.08 0.00 | 52.88 0.10 0.00 | 56.52 0.11 0.00 | 62.18 0.11 0.00 | 70.06 0.15 0.00 | 84.22 0.34 0.00 | 74.62 0.32 0.00 | 64.81 0.46 0.00 | 49.03 0.42 0.00 | 49.29 0.42 0.00 | 48.91 0.47 0.00 | 50.75 0.50 0.00 | 52.80 0.52 0.00 | 65.05 0.51 0.00 | 70.99 0.41 0.00 | 73.87 0.37 0.00 | 59.10 0.18 0.00 |
| JENNISON____1 23625 | 49.09 0.81 0.00 | 44.44 0.64 0.00 | 40.30 0.97 0.00 | 40.26 1.18 0.00 | 36.38 1.16 0.00 | 41.97 1.44 0.00 | 41.07 1.17 0.00 | 49.79 1.79 0.00 | 54.83 2.05 0.00 | 58.86 2.46 0.00 | 64.82 2.75 0.00 | 72.96 3.05 0.00 | 88.56 4.56 -0.11 | 78.27 3.92 -0.05 | 67.98 3.63 0.00 | 51.46 2.84 0.00 | 51.80 2.94 0.00 | 51.48 3.04 0.00 | 54.29 4.05 0.00 | 55.52 3.23 0.00 | 68.47 3.93 0.00 | 75.49 4.82 -0.09 | 78.21 4.52 -0.20 | 61.86 2.92 -0.02 |
| JENNISON____2 23626 | 49.09 0.81 0.00 | 44.44 0.64 0.00 | 40.30 0.97 0.00 | 40.26 1.18 0.00 | 36.38 1.16 0.00 | 41.97 1.44 0.00 | 41.07 1.17 0.00 | 49.79 1.79 0.00 | 54.83 2.05 0.00 | 58.86 2.46 0.00 | 64.82 2.75 0.00 | 72.96 3.05 0.00 | 88.56 4.56 -0.11 | 78.27 3.92 -0.05 | 67.98 3.63 0.00 | 51.46 2.84 0.00 | 51.80 2.94 0.00 | 51.48 3.04 0.00 | 54.29 4.05 0.00 | 55.52 3.23 0.00 | 68.47 3.93 0.00 | 75.49 4.82 -0.09 | 78.21 4.52 -0.20 | 61.86 2.92 -0.02 |
| JERICOHO_RISE_WT_PWR 323719 | 47.93 -0.35 0.00 | 43.19 -0.61 0.00 | 38.37 -0.96 0.00 | 38.47 -0.61 0.00 | 34.89 -0.33 0.00 | 40.37 -0.15 0.00 | 39.74 -0.17 0.00 | 48.01 0.00 0.00 | 52.60 -0.18 0.00 | 56.03 -0.38 0.00 | 61.40 -0.67 0.00 | 68.87 -1.04 0.00 | 82.51 -1.38 0.00 | 73.06 -1.24 0.00 | 62.77 -1.58 0.00 | 46.82 -1.80 0.00 | 47.35 -1.51 0.00 | 46.94 -1.51 0.00 | 48.65 -1.60 0.00 | 50.58 -1.71 0.00 | 62.85 -1.69 0.00 | 69.27 -1.31 0.00 | 72.39 -1.11 0.00 | 58.57 -0.36 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 50.51 2.23 0.00 | 46.19 2.39 0.00 | 41.62 2.29 0.00 | 41.28 2.19 0.00 | 37.11 1.89 0.00 | 42.62 2.10 0.00 | 42.03 2.12 0.00 | 50.32 2.32 0.00 | 55.21 2.43 0.00 | 58.89 2.48 0.00 | 65.24 3.17 0.00 | 73.54 3.63 0.00 | 88.90 5.01 0.00 | 79.24 4.94 0.00 | 69.40 5.06 0.00 | 52.98 4.36 0.00 | 53.29 4.42 0.00 | 52.77 4.33 0.00 | 54.40 4.15 0.00 | 56.58 4.29 0.00 | 69.11 4.57 0.00 | 74.66 4.08 0.00 | 77.20 3.70 0.00 | 61.34 2.41 0.00 |
| KCE_NY_1 323755 | 50.61 2.33 0.00 | 46.11 2.30 0.00 | 41.49 2.16 0.00 | 41.17 2.08 0.00 | 37.03 1.81 0.00 | 42.54 2.02 0.00 | 41.85 1.95 0.00 | 50.12 2.12 0.00 | 55.21 2.43 0.00 | 59.02 2.61 0.00 | 64.70 2.63 0.00 | 72.81 2.90 0.00 | 87.63 3.74 0.00 | 78.00 3.69 0.00 | 67.97 3.62 0.00 | 51.52 2.91 0.00 | 51.91 3.04 0.00 | 51.59 3.14 0.00 | 53.94 3.69 0.00 | 56.17 3.88 0.00 | 69.10 4.56 0.00 | 74.85 4.27 0.00 | 77.64 4.14 0.00 | 61.85 2.93 0.00 |
| KCE_NY_6_ESR 323823 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.23 -0.85 0.00 | 34.15 -1.07 0.00 | 39.71 -0.81 0.00 | 38.62 -1.28 0.00 | 47.12 -0.88 0.00 | 52.18 -0.60 0.00 | 56.92 0.52 0.00 | 62.22 0.15 0.00 | 69.47 -0.44 0.00 | 84.45 0.56 0.00 | 73.98 -0.33 0.00 | 64.09 -0.26 0.00 | 48.47 -0.14 0.00 | 45.17 -0.19 3.51 | 43.35 -0.27 4.83 | 50.20 -0.05 0.00 | 52.54 0.26 0.00 | 64.31 -0.23 0.00 | 70.49 -0.09 0.00 | 73.47 -0.02 0.00 | 59.04 0.12 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 51.27 2.99 0.00 | 47.17 3.37 0.00 | 42.46 3.13 0.00 | 42.01 2.92 0.00 | 37.74 2.52 0.00 | 43.13 2.60 0.00 | 42.17 2.27 0.00 | 50.18 2.18 0.00 | 54.84 2.06 0.00 | 56.85 2.17 1.72 | 64.71 2.64 0.00 | 73.13 3.22 0.00 | 87.36 3.59 0.11 | 78.39 4.09 0.00 | 69.60 5.14 -0.12 | 195.81 4.74 -142.46 | 272.77 4.95 -218.95 | 325.54 4.79 -272.30 | 310.03 4.52 -255.27 | 310.42 4.45 -253.69 | 322.16 4.63 -252.99 | 219.33 4.40 -144.34 | 85.21 3.78 -7.93 | 60.72 2.67 0.87 |
| KEDC PORT_JEFF_GT3 24211 | 51.27 2.99 0.00 | 47.17 3.37 0.00 | 42.46 3.13 0.00 | 42.01 2.92 0.00 | 37.74 2.52 0.00 | 43.13 2.60 0.00 | 42.17 2.27 0.00 | 50.18 2.18 0.00 | 54.84 2.06 0.00 | 56.85 2.17 1.72 | 64.71 2.64 0.00 | 73.13 3.22 0.00 | 87.36 3.59 0.11 | 78.39 4.09 0.00 | 69.60 5.14 -0.12 | 195.81 4.74 -142.46 | 272.77 4.95 -218.95 | 325.54 4.79 -272.30 | 310.03 4.52 -255.27 | 310.42 4.45 -253.69 | 322.16 4.63 -252.99 | 219.33 4.40 -144.34 | 85.21 3.78 -7.93 | 60.72 2.67 0.87 |
| KEDC_GLWD_GT4 24219 | 51.00 2.72 0.00 | 46.74 2.94 0.00 | 42.08 2.75 0.00 | 41.69 2.60 0.00 | 37.48 2.26 0.00 | 42.98 2.46 0.00 | 42.27 2.36 0.00 | 50.48 2.48 0.00 | 55.33 2.55 0.00 | 58.97 2.57 0.00 | 64.82 2.75 0.00 | 73.42 3.51 0.00 | 88.75 4.86 0.00 | 79.31 5.01 0.00 | 70.22 5.36 -0.52 | 56.68 4.78 -3.29 | 60.34 4.78 -6.69 | 66.25 4.72 -13.09 | 54.76 4.51 0.00 | 56.86 4.57 0.00 | 69.36 4.82 0.00 | 74.77 4.19 0.00 | 82.32 3.75 -5.08 | 63.35 2.73 -1.70 |
| KEDC_GLWD_GT5 24220 | 51.00 2.72 0.00 | 46.74 2.94 0.00 | 42.08 2.75 0.00 | 41.69 2.60 0.00 | 37.48 2.26 0.00 | 42.98 2.46 0.00 | 42.27 2.36 0.00 | 50.48 2.48 0.00 | 55.33 2.55 0.00 | 58.97 2.57 0.00 | 64.82 2.75 0.00 | 73.42 3.51 0.00 | 88.75 4.86 0.00 | 79.31 5.01 0.00 | 70.22 5.36 -0.52 | 56.68 4.78 -3.29 | 60.34 4.78 -6.69 | 66.25 4.72 -13.09 | 54.76 4.51 0.00 | 56.86 4.57 0.00 | 69.36 4.82 0.00 | 74.77 4.19 0.00 | 82.32 3.75 -5.08 | 63.35 2.73 -1.70 |
| KENSICO____ 23655 | 50.38 2.10 0.00 | 46.11 2.31 0.00 | 41.55 2.22 0.00 | 41.20 2.12 0.00 | 37.05 1.83 0.00 | 42.55 2.03 0.00 | 41.95 2.05 0.00 | 50.19 2.19 0.00 | 55.01 2.24 0.00 | 58.59 2.19 0.00 | 64.67 2.59 0.00 | 73.21 3.29 0.00 | 88.45 4.57 0.00 | 78.85 4.55 0.00 | 69.02 4.68 0.00 | 52.73 4.11 0.00 | 53.01 4.14 0.00 | 52.49 4.04 0.00 | 54.07 3.82 0.00 | 56.28 3.99 0.00 | 68.72 4.18 0.00 | 74.25 3.67 0.00 | 76.82 3.33 0.00 | 61.07 2.14 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 50.62 2.34 0.00 | 46.12 2.32 0.00 | 41.52 2.19 0.00 | 41.16 2.08 0.00 | 37.01 1.79 0.00 | 42.51 1.98 0.00 | 41.89 1.98 0.00 | 50.27 2.27 0.00 | 55.26 2.48 0.00 | 58.97 2.57 0.00 | 65.05 2.97 0.00 | 73.75 3.84 0.00 | 89.01 5.13 0.00 | 79.59 5.28 0.00 | 69.73 5.38 0.00 | 53.03 4.42 0.00 | 53.56 4.69 0.00 | 53.15 4.70 0.00 | 54.94 4.69 0.00 | 57.11 4.82 0.00 | 69.86 5.32 0.00 | 75.52 4.94 0.00 | 77.98 4.48 0.00 | 61.86 2.93 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 50.49 2.22 0.00 | 46.31 2.51 0.00 | 41.74 2.41 0.00 | 41.38 2.29 0.00 | 37.23 2.01 0.00 | 42.72 2.19 0.00 | 42.23 2.33 0.00 | 50.46 2.46 0.00 | 55.27 2.49 0.00 | 58.75 2.35 0.00 | 64.76 2.69 0.00 | 73.39 3.48 0.00 | 88.86 4.89 -0.08 | 79.21 4.90 0.00 | 69.25 4.91 0.00 | 53.18 4.42 -0.15 | 53.52 4.42 -0.23 | 52.75 4.31 0.00 | 54.22 3.98 0.00 | 56.53 4.24 0.00 | 69.00 4.46 0.00 | 74.50 3.92 0.00 | 77.22 3.72 0.00 | 61.32 2.40 0.00 |
| KIAC_JFK_GT2 23817 | 50.49 2.22 0.00 | 46.31 2.51 0.00 | 41.74 2.41 0.00 | 41.38 2.29 0.00 | 37.23 2.01 0.00 | 42.72 2.19 0.00 | 42.23 2.33 0.00 | 50.46 2.46 0.00 | 55.27 2.49 0.00 | 58.75 2.35 0.00 | 64.76 2.69 0.00 | 73.39 3.48 0.00 | 88.86 4.89 -0.08 | 79.21 4.90 0.00 | 69.25 4.91 0.00 | 53.18 4.42 -0.15 | 53.52 4.42 -0.23 | 52.75 4.31 0.00 | 54.22 3.98 0.00 | 56.53 4.24 0.00 | 69.00 4.46 0.00 | 74.50 3.92 0.00 | 77.22 3.72 0.00 | 61.32 2.40 0.00 |
| KIAC_JFK____ 323774 | 50.49 2.21 0.00 | 46.31 2.51 0.00 | 41.74 2.41 0.00 | 41.38 2.29 0.00 | 37.23 2.01 0.00 | 42.72 2.19 0.00 | 42.23 2.33 0.00 | 50.46 2.46 0.00 | 55.27 2.49 0.00 | 58.75 2.35 0.00 | 64.76 2.69 0.00 | 73.39 3.48 0.00 | 88.85 4.88 -0.08 | 79.20 4.90 0.00 | 69.25 4.91 0.00 | 53.18 4.42 -0.15 | 53.52 4.41 -0.23 | 52.75 4.30 0.00 | 54.22 3.98 0.00 | 56.53 4.24 0.00 | 69.00 4.45 0.00 | 74.50 3.92 0.00 | 77.21 3.72 0.00 | 61.32 2.39 0.00 |
| KINTIGH__24_KV_GSU 356498 | 47.92 -0.36 0.00 | 43.15 -0.65 0.00 | 38.57 -0.76 0.00 | 38.27 -0.81 0.00 | 34.26 -0.96 0.00 | 39.75 -0.78 0.00 | 38.71 -1.19 0.00 | 46.99 -1.02 0.00 | 51.91 -0.86 0.00 | 56.49 0.08 0.00 | 61.71 -0.36 0.00 | 69.02 -0.89 0.00 | 83.60 -0.28 0.00 | 73.50 -0.81 0.00 | 63.66 -0.68 0.00 | 48.06 -0.55 0.00 | 46.21 -0.84 1.82 | 44.83 -1.13 2.49 | 49.17 -1.07 0.00 | 51.34 -0.95 0.00 | 62.92 -1.62 0.00 | 69.32 -1.26 0.00 | 72.53 -0.96 0.00 | 58.39 -0.54 0.00 |
| KINTIGH____ 23543 | 47.88 -0.39 0.00 | 43.12 -0.68 0.00 | 38.55 -0.79 0.00 | 38.24 -0.84 0.00 | 34.23 -0.99 0.00 | 39.72 -0.80 0.00 | 38.68 -1.23 0.00 | 46.95 -1.05 0.00 | 51.87 -0.90 0.00 | 56.43 0.02 0.00 | 61.65 -0.42 0.00 | 68.96 -0.95 0.00 | 83.50 -0.39 0.00 | 73.43 -0.87 0.00 | 63.60 -0.74 0.00 | 48.03 -0.58 0.00 | 46.23 -0.82 1.82 | 44.86 -1.10 2.49 | 49.23 -1.02 0.00 | 51.39 -0.90 0.00 | 62.99 -1.56 0.00 | 69.30 -1.28 0.00 | 72.49 -1.00 0.00 | 58.34 -0.59 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 48.40 0.12 0.00 | 43.59 -0.21 0.00 | 38.66 -0.67 0.00 | 38.72 -0.37 0.00 | 35.14 -0.08 0.00 | 40.77 0.24 0.00 | 40.00 0.10 0.00 | 48.44 0.44 0.00 | 52.82 0.04 0.00 | 56.24 -0.16 0.00 | 61.40 -0.67 0.00 | 68.79 -1.13 0.00 | 82.73 -1.16 0.00 | 73.32 -0.99 0.00 | 63.26 -1.08 0.00 | 47.07 -1.54 0.00 | 47.72 -1.15 0.00 | 47.31 -1.13 0.00 | 49.00 -1.25 0.00 | 50.97 -1.32 0.00 | 63.20 -1.34 0.00 | 69.52 -1.06 0.00 | 72.55 -0.95 0.00 | 58.67 -0.25 0.00 |
| LACHUTE____HYDRO 323717 | 52.88 4.60 0.00 | 47.90 4.10 0.00 | 42.84 3.51 0.00 | 42.41 3.33 0.00 | 38.03 2.81 0.00 | 43.71 3.18 0.00 | 42.94 3.04 0.00 | 51.67 3.67 0.00 | 56.70 3.92 0.00 | 60.53 4.12 0.00 | 66.16 4.09 0.00 | 73.81 3.90 0.00 | 89.07 5.19 0.00 | 79.08 4.77 0.00 | 69.13 4.78 0.00 | 53.14 4.53 0.00 | 53.00 4.13 0.00 | 52.51 4.07 0.00 | 55.67 5.42 0.00 | 58.34 6.05 0.00 | 71.70 7.16 0.00 | 77.29 6.71 0.00 | 79.94 6.44 0.00 | 64.22 5.29 0.00 |
| LAWRNCV_115KV_TB1 80681 | 48.91 0.63 0.00 | 44.08 0.27 0.00 | 39.27 -0.07 0.00 | 39.09 0.00 0.00 | 35.17 -0.05 0.00 | 40.60 0.08 0.00 | 40.18 0.28 0.00 | 48.36 0.36 0.00 | 52.72 -0.06 0.00 | 56.32 -0.08 0.00 | 61.98 -0.09 0.00 | 69.60 -0.31 0.00 | 82.97 -0.92 0.00 | 73.56 -0.74 0.00 | 62.59 -1.75 0.00 | 46.57 -2.04 0.00 | 46.88 -1.99 0.00 | 46.52 -1.93 0.00 | 48.10 -2.15 0.00 | 50.17 -2.12 0.00 | 63.02 -1.52 0.00 | 69.63 -0.95 0.00 | 73.16 -0.34 0.00 | 59.50 0.58 0.00 |
| LEDERLE____ 23769 | 50.46 2.18 0.00 | 46.13 2.33 0.00 | 41.53 2.20 0.00 | 41.22 2.13 0.00 | 37.05 1.83 0.00 | 42.57 2.05 0.00 | 41.95 2.05 0.00 | 50.24 2.23 0.00 | 55.09 2.31 0.00 | 58.75 2.35 0.00 | 64.92 2.84 0.00 | 73.55 3.64 0.00 | 88.90 5.01 0.00 | 79.20 4.90 0.00 | 69.36 5.01 0.00 | 52.92 4.31 0.00 | 53.22 4.35 0.00 | 52.70 4.26 0.00 | 54.34 4.10 0.00 | 56.59 4.30 0.00 | 69.04 4.51 0.00 | 74.56 3.98 0.00 | 77.15 3.65 0.00 | 61.25 2.33 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 53.01 -0.09 -4.82 | 46.63 -0.21 -3.04 | 41.23 -0.29 -2.19 | 40.87 -0.35 -2.14 | 35.02 -0.39 -0.19 | 42.53 -0.38 -2.39 | 41.78 -0.43 -2.31 | 51.62 -0.41 -4.02 | 57.27 -0.30 -4.79 | 62.35 0.01 -5.93 | 68.67 -0.11 -6.71 | 77.84 0.02 -7.90 | 91.83 0.52 -7.43 | 75.12 0.64 -0.17 | 64.86 0.51 0.00 | 48.59 -0.03 0.00 | 49.01 0.14 0.00 | 48.76 0.31 0.00 | 50.52 0.27 0.00 | 52.77 0.48 0.00 | 65.45 0.91 0.00 | 72.01 1.12 -0.31 | 75.36 1.19 -0.68 | 59.66 0.66 -0.08 |
| LINDEN COGEN____ 23786 | 50.30 2.02 0.00 | 46.12 2.31 0.00 | 41.54 2.21 0.00 | 41.18 2.10 0.00 | 37.05 1.83 0.00 | 42.56 2.03 0.00 | 42.03 2.13 0.00 | 50.24 2.23 0.00 | 54.95 2.18 0.00 | 56.61 2.06 1.85 | 64.49 2.43 0.01 | 73.05 3.14 0.00 | 88.28 4.39 0.00 | 78.74 4.43 0.00 | 68.94 4.59 0.00 | 52.83 4.22 0.00 | 53.02 4.15 0.00 | 52.46 4.02 0.00 | 53.93 3.68 0.00 | 56.19 3.90 0.00 | 68.51 3.97 0.00 | 73.95 3.37 0.00 | 76.48 2.99 0.00 | 60.86 1.94 0.00 |
| LINDHRST_69_KV_BK1 356055 | 51.63 3.35 0.00 | 47.46 3.66 0.00 | 42.70 3.37 0.00 | 42.24 3.16 0.00 | 37.95 2.73 0.00 | 43.39 2.87 0.00 | 42.49 2.59 0.00 | 50.61 2.61 0.00 | 55.43 2.66 0.00 | 58.55 2.75 0.60 | 65.38 3.31 0.00 | 73.99 4.08 0.00 | 89.09 5.29 0.09 | 79.93 5.63 0.00 | 70.88 6.28 -0.26 | 67.46 5.50 -13.35 | 76.70 5.72 -22.10 | 86.91 5.58 -32.88 | 74.40 5.34 -18.81 | 76.26 5.28 -18.70 | 88.85 5.67 -18.64 | 86.73 5.52 -10.64 | 79.10 4.82 -0.78 | 62.15 3.22 0.00 |
| LIPA_MISC_IPP 23656 | 51.19 2.91 0.00 | 47.08 3.28 0.00 | 42.37 3.04 0.00 | 41.92 2.83 0.00 | 37.66 2.44 0.00 | 43.05 2.53 0.00 | 42.12 2.22 0.00 | 50.12 2.12 0.00 | 54.85 2.07 0.00 | 57.41 2.26 1.25 | 64.75 2.68 0.00 | 73.24 3.33 0.00 | 87.84 4.06 0.11 | 78.77 4.47 0.00 | 70.01 5.55 -0.11 | 174.33 5.08 -120.63 | 239.79 5.24 -185.69 | 285.71 5.20 -232.06 | 270.62 5.04 -215.33 | 271.29 5.00 -214.00 | 283.28 5.34 -213.40 | 197.51 5.17 -121.76 | 84.21 4.51 -6.20 | 60.98 2.95 0.90 |
| LISF____SOLAR 323691 | 51.35 3.07 0.00 | 47.23 3.42 0.00 | 42.49 3.16 0.00 | 42.03 2.95 0.00 | 37.77 2.55 0.00 | 43.18 2.66 0.00 | 42.25 2.35 0.00 | 50.29 2.28 0.00 | 55.03 2.25 0.00 | 57.54 2.45 1.32 | 64.97 2.90 0.00 | 73.46 3.55 0.00 | 88.03 4.26 0.11 | 79.00 4.70 0.00 | 70.23 5.77 -0.11 | 176.20 5.25 -122.33 | 242.55 5.41 -188.28 | 289.07 5.41 -235.22 | 273.95 5.27 -218.44 | 274.61 5.24 -217.09 | 286.68 5.65 -216.48 | 199.61 5.51 -123.51 | 84.67 4.81 -6.37 | 61.22 3.18 0.88 |
| LITTLE FALLS____HYD 24013 | 49.05 0.77 0.00 | 44.84 1.04 0.00 | 40.64 1.30 0.00 | 40.31 1.22 0.00 | 36.24 1.02 0.00 | 41.61 1.09 0.00 | 40.79 0.88 0.00 | 48.69 0.68 0.00 | 53.34 0.56 0.00 | 56.87 0.47 0.00 | 61.84 -0.23 0.00 | 69.59 -0.33 0.00 | 84.12 0.23 0.00 | 74.54 0.23 0.00 | 65.29 0.95 0.00 | 49.87 1.26 0.00 | 49.87 1.00 0.00 | 49.92 1.47 0.00 | 52.91 2.66 0.00 | 55.37 3.08 0.00 | 67.89 3.35 0.00 | 73.24 2.67 0.00 | 76.03 2.53 0.00 | 60.31 1.38 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| LITTLRIV_115KV_TB1 356100 | 49.71 1.43 0.00 | 44.79 0.98 0.00 | 39.86 0.52 0.00 | 39.66 0.58 0.00 | 35.71 0.49 0.00 | 41.30 0.78 0.00 | 40.89 0.98 0.00 | 49.14 1.14 0.00 | 53.36 0.58 0.00 | 56.98 0.57 0.00 | 62.83 0.76 0.00 | 70.62 0.71 0.00 | 84.07 0.19 0.00 | 74.62 0.31 0.00 | 63.44 -0.90 0.00 | 47.38 -1.24 0.00 | 47.67 -1.20 0.00 | 47.30 -1.14 0.00 | 48.90 -1.34 0.00 | 51.26 -1.03 0.00 | 64.42 -0.12 0.00 | 71.12 0.54 0.00 | 74.63 1.13 0.00 | 60.59 1.67 0.00 |
| LI_NEWBRDGE___DRP 323616 | 50.64 2.37 0.00 | 46.54 2.74 0.00 | 41.89 2.57 0.00 | 41.47 2.39 0.00 | 37.28 2.06 0.00 | 42.66 2.14 0.00 | 41.80 1.89 0.00 | 49.81 1.80 0.00 | 54.51 1.74 0.00 | 58.13 1.73 0.00 | 64.23 2.16 0.00 | 72.69 2.78 0.00 | 87.63 3.89 0.14 | 78.53 4.22 0.00 | 69.19 4.82 -0.02 | 55.87 4.33 -2.92 | 59.62 4.46 -6.29 | 65.86 4.33 -13.08 | 54.27 4.02 0.00 | 56.30 4.01 0.00 | 68.66 4.12 0.00 | 74.37 3.79 0.00 | 72.24 3.16 4.42 | 59.48 2.03 1.48 |
| LOCKPORT_115KV_TB60_63_64 80432 | 47.67 -0.61 0.00 | 42.80 -1.00 0.00 | 38.19 -1.14 0.00 | 37.88 -1.21 0.00 | 33.88 -1.33 0.00 | 39.38 -1.15 0.00 | 38.22 -1.69 0.00 | 46.47 -1.53 0.00 | 51.40 -1.38 0.00 | 56.11 -0.30 0.00 | 61.19 -0.88 0.00 | 68.26 -1.65 0.00 | 82.70 -1.19 0.00 | 72.51 -1.79 0.00 | 62.76 -1.59 0.00 | 47.38 -1.23 0.00 | 45.15 -1.28 2.44 | 43.50 -1.46 3.48 | 48.84 -1.41 0.00 | 51.08 -1.21 0.00 | 62.58 -1.96 0.00 | 68.66 -1.92 0.00 | 71.77 -1.73 0.00 | 58.06 -0.86 0.00 |
| LOCKPORT___CC1 323769 | 47.50 -0.78 0.00 | 42.66 -1.14 0.00 | 38.07 -1.27 0.00 | 37.75 -1.33 0.00 | 33.77 -1.45 0.00 | 39.24 -1.28 0.00 | 38.09 -1.82 0.00 | 46.32 -1.69 0.00 | 51.22 -1.56 0.00 | 55.90 -0.50 0.00 | 60.93 -1.14 0.00 | 67.93 -1.98 0.00 | 82.37 -1.52 0.00 | 72.18 -2.13 0.00 | 62.46 -1.88 0.00 | 47.14 -1.48 0.00 | 43.08 -1.56 4.23 | 41.39 -1.72 5.34 | 48.57 -1.68 0.00 | 50.83 -1.45 0.00 | 62.29 -2.25 0.00 | 68.38 -2.20 0.00 | 71.48 -2.02 0.00 | 57.80 -1.12 0.00 |
| LOCKPORT___CC2 323770 | 47.50 -0.78 0.00 | 42.66 -1.14 0.00 | 38.07 -1.27 0.00 | 37.75 -1.33 0.00 | 33.77 -1.45 0.00 | 39.24 -1.28 0.00 | 38.09 -1.82 0.00 | 46.32 -1.69 0.00 | 51.22 -1.56 0.00 | 55.90 -0.50 0.00 | 60.93 -1.14 0.00 | 67.93 -1.98 0.00 | 82.37 -1.52 0.00 | 72.18 -2.13 0.00 | 62.46 -1.88 0.00 | 47.14 -1.48 0.00 | 43.08 -1.56 4.23 | 41.39 -1.72 5.34 | 48.57 -1.68 0.00 | 50.83 -1.45 0.00 | 62.29 -2.25 0.00 | 68.38 -2.20 0.00 | 71.48 -2.02 0.00 | 57.80 -1.12 0.00 |
| LOCKPORT___CC3 323771 | 47.50 -0.78 0.00 | 42.66 -1.14 0.00 | 38.07 -1.27 0.00 | 37.75 -1.33 0.00 | 33.77 -1.45 0.00 | 39.24 -1.28 0.00 | 38.09 -1.82 0.00 | 46.32 -1.69 0.00 | 51.22 -1.56 0.00 | 55.90 -0.50 0.00 | 60.93 -1.14 0.00 | 67.93 -1.98 0.00 | 82.37 -1.52 0.00 | 72.18 -2.13 0.00 | 62.46 -1.88 0.00 | 47.14 -1.48 0.00 | 43.08 -1.56 4.23 | 41.39 -1.72 5.34 | 48.57 -1.68 0.00 | 50.83 -1.45 0.00 | 62.29 -2.25 0.00 | 68.38 -2.20 0.00 | 71.48 -2.02 0.00 | 57.80 -1.12 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 51.20 2.92 0.00 | 46.97 3.17 0.00 | 42.27 2.93 0.00 | 41.86 2.77 0.00 | 37.61 2.39 0.00 | 43.08 2.56 0.00 | 42.29 2.38 0.00 | 50.46 2.45 0.00 | 55.28 2.50 0.00 | 58.97 2.57 0.00 | 65.06 2.99 0.00 | 73.70 3.79 0.00 | 89.11 5.26 0.04 | 79.80 5.50 0.00 | 70.64 5.87 -0.42 | 56.97 5.17 -3.19 | 60.70 5.26 -6.57 | 66.62 5.09 -13.08 | 55.08 4.83 0.00 | 57.14 4.85 0.00 | 69.67 5.13 0.00 | 75.30 4.71 0.00 | 80.88 4.06 -3.32 | 62.82 2.78 -1.11 |
| LONG_LAKE_PHOENIX 24014 | 55.14 -0.56 -7.43 | 47.90 -0.58 -4.68 | 42.20 -0.51 -3.38 | 41.80 -0.58 -3.29 | 34.94 -0.59 -0.30 | 43.60 -0.61 -3.69 | 42.80 -0.66 -3.56 | 53.47 -0.69 -6.16 | 59.32 -0.78 -7.32 | 64.89 -0.63 -9.12 | 71.74 -0.67 -10.34 | 81.47 -0.62 -12.18 | 94.98 -0.35 -11.44 | 74.23 -0.33 -0.26 | 64.31 -0.04 0.00 | 48.62 0.00 0.00 | 48.82 -0.05 0.00 | 48.36 -0.09 0.00 | 50.20 -0.05 0.00 | 52.25 -0.04 0.00 | 64.24 -0.30 0.00 | 70.65 -0.40 -0.47 | 73.92 -0.61 -1.03 | 58.32 -0.72 -0.12 |
| LOVETT___3 23632 | 50.05 1.77 0.00 | 45.79 1.99 0.00 | 41.25 1.92 0.00 | 40.94 1.86 0.00 | 36.81 1.59 0.00 | 42.27 1.75 0.00 | 41.65 1.74 0.00 | 49.82 1.82 0.00 | 54.61 1.83 0.00 | 58.19 1.78 0.00 | 64.25 2.18 0.00 | 72.75 2.84 0.00 | 87.88 3.99 0.00 | 78.30 4.00 0.00 | 68.53 4.18 0.00 | 52.30 3.69 0.00 | 52.59 3.72 0.00 | 52.09 3.64 0.00 | 53.71 3.47 0.00 | 55.93 3.64 0.00 | 68.28 3.74 0.00 | 73.77 3.19 0.00 | 76.37 2.87 0.00 | 60.68 1.75 0.00 |
| LOVETT___4 23642 | 50.05 1.77 0.00 | 45.79 1.99 0.00 | 41.25 1.92 0.00 | 40.94 1.86 0.00 | 36.81 1.59 0.00 | 42.27 1.75 0.00 | 41.65 1.74 0.00 | 49.82 1.82 0.00 | 54.61 1.83 0.00 | 58.19 1.78 0.00 | 64.25 2.18 0.00 | 72.75 2.84 0.00 | 87.88 3.99 0.00 | 78.30 4.00 0.00 | 68.53 4.18 0.00 | 52.30 3.69 0.00 | 52.59 3.72 0.00 | 52.09 3.64 0.00 | 53.71 3.47 0.00 | 55.93 3.64 0.00 | 68.28 3.74 0.00 | 73.77 3.19 0.00 | 76.37 2.87 0.00 | 60.68 1.75 0.00 |
| LOVETT___5 23593 | 50.05 1.77 0.00 | 45.79 1.99 0.00 | 41.25 1.92 0.00 | 40.94 1.86 0.00 | 36.81 1.59 0.00 | 42.27 1.75 0.00 | 41.65 1.74 0.00 | 49.82 1.82 0.00 | 54.61 1.83 0.00 | 58.19 1.78 0.00 | 64.25 2.18 0.00 | 72.75 2.84 0.00 | 87.88 3.99 0.00 | 78.30 4.00 0.00 | 68.53 4.18 0.00 | 52.30 3.69 0.00 | 52.59 3.72 0.00 | 52.09 3.64 0.00 | 53.71 3.47 0.00 | 55.93 3.64 0.00 | 68.28 3.74 0.00 | 73.77 3.19 0.00 | 76.37 2.87 0.00 | 60.68 1.75 0.00 |
| LOWER RAQUET___HYD 24057 | 48.98 0.70 0.00 | 44.14 0.33 0.00 | 39.30 -0.03 0.00 | 39.12 0.04 0.00 | 35.16 -0.06 0.00 | 40.61 0.09 0.00 | 40.20 0.30 0.00 | 48.33 0.33 0.00 | 52.59 -0.19 0.00 | 56.21 -0.19 0.00 | 61.87 -0.20 0.00 | 69.48 -0.43 0.00 | 82.90 -1.03 -0.05 | 73.52 -0.81 -0.02 | 62.52 -1.82 0.00 | 46.47 -2.15 0.00 | 46.75 -2.12 0.00 | 46.41 -2.04 0.00 | 47.99 -2.26 0.00 | 50.08 -2.20 0.00 | 62.93 -1.62 0.00 | 69.59 -1.03 -0.04 | 73.23 -0.35 -0.09 | 59.58 0.64 -0.01 |
| LOWER___HUDSON 24059 | 49.71 1.43 0.00 | 45.38 1.58 0.00 | 40.92 1.59 0.00 | 40.62 1.53 0.00 | 36.53 1.32 0.00 | 41.94 1.41 0.00 | 41.24 1.34 0.00 | 49.31 1.31 0.00 | 54.33 1.55 0.00 | 58.01 1.60 0.00 | 63.62 1.55 0.00 | 71.62 1.71 0.00 | 86.31 2.42 0.00 | 76.71 2.40 0.00 | 66.95 2.61 0.00 | 50.74 2.12 0.00 | 51.03 2.16 0.00 | 50.67 2.22 0.00 | 52.67 2.42 0.00 | 54.76 2.47 0.00 | 67.41 2.87 0.00 | 73.04 2.46 0.00 | 75.92 2.42 0.00 | 60.55 1.62 0.00 |
| LOWVILLE_115KV_TB2 356335 | 49.77 0.27 -1.22 | 44.58 0.01 -0.77 | 39.65 -0.24 -0.56 | 39.35 -0.27 -0.54 | 34.92 -0.35 -0.05 | 40.83 -0.30 -0.61 | 40.21 -0.28 -0.59 | 48.88 -0.22 -1.09 | 54.39 0.25 -1.36 | 58.67 0.72 -1.56 | 64.32 0.54 -1.71 | 73.06 1.14 -2.01 | 87.70 1.91 -1.91 | 76.58 2.22 -0.05 | 65.69 1.35 0.00 | 49.12 0.51 0.00 | 50.03 1.16 0.00 | 50.10 1.65 0.00 | 51.60 1.35 0.00 | 53.88 1.59 0.00 | 67.17 2.63 0.00 | 74.22 3.55 -0.09 | 77.79 4.08 -0.21 | 62.01 3.06 -0.03 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 50.57 2.29 0.00 | 46.07 2.26 0.00 | 41.47 2.14 0.00 | 41.15 2.07 0.00 | 37.01 1.79 0.00 | 42.52 2.00 0.00 | 41.80 1.89 0.00 | 50.07 2.07 0.00 | 55.13 2.35 0.00 | 58.93 2.53 0.00 | 64.62 2.54 0.00 | 72.67 2.76 0.00 | 87.51 3.62 0.00 | 77.87 3.56 0.00 | 67.88 3.54 0.00 | 51.47 2.86 0.00 | 51.86 2.99 0.00 | 51.50 3.06 0.00 | 53.81 3.57 0.00 | 56.04 3.75 0.00 | 68.98 4.44 0.00 | 74.75 4.17 0.00 | 77.53 4.03 0.00 | 61.81 2.89 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LUTHERNY_35_KV_BK2 355980 | 50.61 2.33 0.00 | 46.11 2.30 0.00 | 41.49 2.16 0.00 | 41.17 2.08 0.00 | 37.03 1.81 0.00 | 42.54 2.02 0.00 | 41.85 1.95 0.00 | 50.12 2.12 0.00 | 55.21 2.43 0.00 | 59.01 2.61 0.00 | 64.70 2.63 0.00 | 72.81 2.90 0.00 | 87.64 3.75 0.00 | 78.00 3.69 0.00 | 67.97 3.63 0.00 | 51.52 2.91 0.00 | 51.91 3.04 0.00 | 51.59 3.14 0.00 | 53.94 3.69 0.00 | 56.17 3.88 0.00 | 69.10 4.56 0.00 | 74.85 4.27 0.00 | 77.64 4.14 0.00 | 61.86 2.93 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 49.95 0.56 -1.12 | 44.73 0.22 -0.70 | 39.75 -0.09 -0.51 | 39.50 -0.09 -0.50 | 35.07 -0.19 -0.05 | 40.99 -0.09 -0.56 | 40.46 0.02 -0.54 | 48.96 0.02 -0.93 | 53.88 -0.02 -1.12 | 58.07 0.28 -1.38 | 63.83 0.20 -1.56 | 72.17 0.42 -1.83 | 86.17 0.55 -1.74 | 75.12 0.77 -0.04 | 64.14 -0.20 0.00 | 47.69 -0.92 0.00 | 48.25 -0.62 0.00 | 48.16 -0.28 0.00 | 49.69 -0.56 0.00 | 51.95 -0.33 0.00 | 65.12 0.58 0.00 | 71.97 1.31 -0.08 | 75.62 1.95 -0.18 | 60.82 1.88 -0.02 |
| LYONS_FALL_HYD 23570 | 49.68 0.63 -0.78 | 44.72 0.43 -0.49 | 39.93 0.25 -0.35 | 39.62 0.19 -0.34 | 35.35 0.10 -0.03 | 41.10 0.19 -0.39 | 40.47 0.19 -0.37 | 49.05 0.35 -0.69 | 54.30 0.65 -0.87 | 58.35 0.96 -0.98 | 64.07 0.92 -1.08 | 72.57 1.38 -1.27 | 87.28 2.17 -1.22 | 76.63 2.29 -0.04 | 66.00 1.66 0.00 | 49.61 1.00 0.00 | 50.37 1.50 0.00 | 50.31 1.86 0.00 | 51.94 1.69 0.00 | 54.12 1.84 0.00 | 67.13 2.59 0.00 | 73.82 3.16 -0.07 | 77.21 3.56 -0.15 | 61.52 2.58 -0.02 |
| MADISON___COUNTY_LFGE 323628 | 49.65 1.38 0.00 | 45.01 1.21 0.00 | 40.41 1.07 0.00 | 40.09 1.01 0.00 | 36.07 0.85 0.00 | 41.57 1.05 0.00 | 40.90 1.00 0.00 | 49.29 1.29 0.00 | 54.01 1.23 0.00 | 57.61 1.21 0.00 | 63.28 1.21 0.00 | 71.36 1.45 0.00 | 86.31 2.33 -0.09 | 76.57 2.22 -0.04 | 66.40 2.05 0.00 | 50.28 1.67 0.00 | 50.82 1.95 0.00 | 50.71 2.27 0.00 | 52.52 2.27 0.00 | 54.56 2.27 0.00 | 67.19 2.65 0.00 | 73.47 2.81 -0.08 | 76.95 3.29 -0.17 | 61.20 2.26 -0.02 |
| MALONE___115KV_TB1 356076 | 48.84 0.56 0.00 | 43.96 0.16 0.00 | 39.07 -0.27 0.00 | 39.07 -0.01 0.00 | 35.35 0.14 0.00 | 40.90 0.38 0.00 | 40.32 0.42 0.00 | 48.69 0.68 0.00 | 53.24 0.46 0.00 | 56.80 0.39 0.00 | 62.35 0.28 0.00 | 70.00 0.09 0.00 | 83.86 -0.03 0.00 | 74.39 0.09 0.00 | 63.71 -0.64 0.00 | 47.38 -1.23 0.00 | 47.92 -0.95 0.00 | 47.59 -0.85 0.00 | 49.35 -0.90 0.00 | 51.38 -0.90 0.00 | 63.97 -0.57 0.00 | 70.48 -0.11 0.00 | 73.63 0.14 0.00 | 59.59 0.67 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 49.33 1.05 0.00 | 45.06 1.26 0.00 | 40.67 1.34 0.00 | 40.37 1.28 0.00 | 36.30 1.09 0.00 | 41.67 1.15 0.00 | 40.98 1.07 0.00 | 49.05 1.04 0.00 | 54.04 1.26 0.00 | 57.75 1.34 0.00 | 63.40 1.32 0.00 | 71.35 1.43 0.00 | 86.03 2.14 0.00 | 76.50 2.19 0.00 | 66.75 2.41 0.00 | 50.57 1.96 0.00 | 50.87 2.00 0.00 | 50.48 2.03 0.00 | 52.45 2.21 0.00 | 54.54 2.25 0.00 | 67.08 2.54 0.00 | 72.75 2.16 0.00 | 75.54 2.05 0.00 | 60.21 1.29 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 47.43 -0.85 0.00 | 42.99 -0.81 0.00 | 38.56 -0.78 0.00 | 38.40 -0.68 0.00 | 34.63 -0.58 0.00 | 39.87 -0.66 0.00 | 39.25 -0.66 0.00 | 47.38 -0.63 0.00 | 52.23 -0.55 0.00 | 55.89 -0.51 0.00 | 61.55 -0.52 0.00 | 69.33 -0.58 0.00 | 83.22 -0.66 0.00 | 73.66 -0.64 0.00 | 63.76 -0.59 0.00 | 48.09 -0.52 0.00 | 48.38 -0.49 0.00 | 47.96 -0.48 0.00 | 49.70 -0.55 0.00 | 51.72 -0.57 0.00 | 63.97 -0.57 0.00 | 70.12 -0.46 0.00 | 73.28 -0.22 0.00 | 58.86 -0.06 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 47.43 -0.85 0.00 | 42.99 -0.81 0.00 | 38.56 -0.78 0.00 | 38.40 -0.68 0.00 | 34.63 -0.58 0.00 | 39.87 -0.66 0.00 | 39.25 -0.66 0.00 | 47.38 -0.63 0.00 | 52.23 -0.55 0.00 | 55.89 -0.51 0.00 | 61.55 -0.52 0.00 | 69.33 -0.58 0.00 | 83.22 -0.66 0.00 | 73.66 -0.64 0.00 | 63.76 -0.59 0.00 | 48.09 -0.52 0.00 | 48.38 -0.49 0.00 | 47.96 -0.48 0.00 | 49.70 -0.55 0.00 | 51.72 -0.57 0.00 | 63.97 -0.57 0.00 | 70.12 -0.46 0.00 | 73.28 -0.22 0.00 | 58.86 -0.06 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 47.96 -0.32 0.00 | 43.20 -0.60 0.00 | 38.38 -0.95 0.00 | 38.48 -0.61 0.00 | 34.90 -0.32 0.00 | 40.41 -0.12 0.00 | 39.75 -0.15 0.00 | 48.03 0.02 0.00 | 52.55 -0.23 0.00 | 56.01 -0.39 0.00 | 61.32 -0.75 0.00 | 68.76 -1.16 0.00 | 82.45 -1.44 0.00 | 73.00 -1.31 0.00 | 62.79 -1.56 0.00 | 46.82 -1.79 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.64 -1.61 0.00 | 50.59 -1.70 0.00 | 62.83 -1.71 0.00 | 69.20 -1.38 0.00 | 72.29 -1.20 0.00 | 58.48 -0.45 0.00 |
| MARSHVLE_115KV_TB1 80742 | 51.30 3.03 0.00 | 46.27 2.47 0.00 | 41.42 2.08 0.00 | 41.15 2.07 0.00 | 37.06 1.85 0.00 | 42.82 2.29 0.00 | 42.07 2.16 0.00 | 50.58 2.58 0.00 | 55.40 2.62 0.00 | 59.29 2.89 0.00 | 64.67 2.60 0.00 | 72.83 2.92 0.00 | 87.89 4.01 0.00 | 77.38 3.07 0.00 | 66.93 2.58 0.00 | 50.54 1.93 0.00 | 50.78 1.91 0.00 | 50.53 2.09 0.00 | 53.31 3.07 0.00 | 55.91 3.62 0.00 | 68.95 4.41 0.00 | 75.57 4.99 0.00 | 78.74 5.25 0.00 | 63.03 4.10 0.00 |
| MARSH_HILL_WT_PWR 323713 | 46.95 -1.32 0.00 | 42.15 -1.66 0.00 | 37.79 -1.55 0.00 | 37.65 -1.43 0.00 | 33.84 -1.37 0.00 | 39.32 -1.21 0.00 | 38.34 -1.56 0.00 | 46.60 -1.40 0.00 | 51.58 -1.20 0.00 | 55.99 -0.41 0.00 | 61.08 -0.99 0.00 | 68.50 -1.41 0.00 | 83.44 -0.52 -0.07 | 73.31 -1.03 -0.03 | 63.91 -0.44 0.00 | 48.30 -0.32 0.00 | 59.87 -0.94 -11.94 | 64.40 -0.49 -16.45 | 50.83 0.58 0.00 | 53.70 1.42 0.00 | 66.03 1.49 0.00 | 72.90 2.26 -0.06 | 75.66 2.03 -0.13 | 60.12 1.18 -0.02 |
| MCINTYRE_115KV_TB2 80467 | 50.01 1.73 0.00 | 45.05 1.25 0.00 | 40.09 0.76 0.00 | 39.88 0.80 0.00 | 35.97 0.75 0.00 | 41.57 1.05 0.00 | 41.15 1.25 0.00 | 49.46 1.45 0.00 | 53.69 0.91 0.00 | 57.32 0.91 0.00 | 63.31 1.24 0.00 | 71.13 1.22 0.00 | 84.35 0.46 0.00 | 74.97 0.67 0.00 | 63.71 -0.63 0.00 | 47.69 -0.93 0.00 | 48.08 -0.79 0.00 | 47.65 -0.79 0.00 | 49.32 -0.93 0.00 | 51.72 -0.57 0.00 | 64.94 0.40 0.00 | 71.71 1.13 0.00 | 75.09 1.59 0.00 | 60.87 1.95 0.00 |
| MECO_____69_KV_BK1 80468 | 51.88 3.61 0.00 | 46.91 3.11 0.00 | 42.06 2.73 0.00 | 41.75 2.67 0.00 | 37.58 2.36 0.00 | 43.32 2.80 0.00 | 42.55 2.64 0.00 | 51.08 3.07 0.00 | 55.91 3.13 0.00 | 59.58 3.17 0.00 | 64.65 2.57 0.00 | 72.44 2.53 0.00 | 87.70 3.81 0.00 | 77.27 2.97 0.00 | 67.17 2.82 0.00 | 50.90 2.29 0.00 | 51.14 2.28 0.00 | 51.13 2.68 0.00 | 54.66 4.42 0.00 | 57.50 5.21 0.00 | 70.83 6.29 0.00 | 77.22 6.64 0.00 | 80.09 6.59 0.00 | 63.81 4.88 0.00 |
| MENANDS___115KV_TB5 355628 | 48.91 0.63 0.00 | 44.70 0.90 0.00 | 40.38 1.04 0.00 | 40.09 1.00 0.00 | 36.06 0.84 0.00 | 41.39 0.86 0.00 | 40.70 0.79 0.00 | 48.68 0.67 0.00 | 53.63 0.85 0.00 | 57.29 0.89 0.00 | 62.88 0.81 0.00 | 70.79 0.87 0.00 | 85.34 1.46 0.00 | 75.83 1.52 0.00 | 66.19 1.85 0.00 | 50.13 1.51 0.00 | 50.40 1.53 0.00 | 50.03 1.59 0.00 | 51.91 1.66 0.00 | 53.96 1.67 0.00 | 66.35 1.81 0.00 | 71.96 1.38 0.00 | 74.75 1.25 0.00 | 59.59 0.67 0.00 |
| MG INDUSTRY___DRP 24185 | 48.22 -0.06 0.00 | 44.65 0.84 0.00 | 40.38 1.05 0.00 | 40.09 1.01 0.00 | 36.08 0.86 0.00 | 41.43 0.90 0.00 | 40.68 0.77 0.00 | 48.66 0.66 0.00 | 53.52 0.74 0.00 | 57.19 0.78 0.00 | 62.67 0.60 0.00 | 70.27 0.36 0.00 | 83.98 0.10 0.00 | 73.87 -0.43 0.00 | 64.33 -0.02 0.00 | 48.64 0.03 0.00 | 48.88 0.01 0.00 | 48.53 0.08 0.00 | 50.43 0.18 0.00 | 52.54 0.25 0.00 | 64.70 0.16 0.00 | 70.37 -0.21 0.00 | 73.12 -0.37 0.00 | 58.37 -0.56 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 49.95 0.56 -1.12 | 44.73 0.22 -0.70 | 39.75 -0.09 -0.51 | 39.50 -0.09 -0.50 | 35.07 -0.19 -0.05 | 40.99 -0.09 -0.56 | 40.46 0.02 -0.54 | 48.96 0.02 -0.93 | 53.88 -0.02 -1.12 | 58.07 0.28 -1.38 | 63.83 0.20 -1.56 | 72.17 0.42 -1.83 | 86.17 0.55 -1.74 | 75.12 0.77 -0.04 | 64.14 -0.20 0.00 | 47.69 -0.92 0.00 | 48.25 -0.62 0.00 | 48.16 -0.28 0.00 | 49.69 -0.56 0.00 | 51.95 -0.33 0.00 | 65.12 0.58 0.00 | 71.97 1.31 -0.08 | 75.62 1.95 -0.18 | 60.82 1.88 -0.02 |
| MID___RAQUETTE_HYD 23851 | 48.98 0.71 0.00 | 44.14 0.34 0.00 | 39.30 -0.03 0.00 | 39.12 0.04 0.00 | 35.16 -0.06 0.00 | 40.61 0.09 0.00 | 40.20 0.30 0.00 | 48.33 0.33 0.00 | 52.59 -0.19 0.00 | 56.21 -0.19 0.00 | 61.87 -0.21 0.00 | 69.47 -0.44 0.00 | 82.91 -1.03 -0.05 | 73.52 -0.81 -0.02 | 62.52 -1.82 0.00 | 46.47 -2.15 0.00 | 46.75 -2.12 0.00 | 46.41 -2.04 0.00 | 47.99 -2.26 0.00 | 50.08 -2.20 0.00 | 62.93 -1.61 0.00 | 69.59 -1.03 -0.04 | 73.23 -0.35 -0.09 | 59.58 0.64 -0.01 |
| MILLIKEN___1 23584 | 50.06 0.93 -0.85 | 45.11 0.77 -0.54 | 40.39 0.67 -0.39 | 40.12 0.66 -0.38 | 35.76 0.50 -0.03 | 41.63 0.68 -0.42 | 40.87 0.56 -0.41 | 49.57 0.87 -0.70 | 54.48 0.86 -0.84 | 58.44 0.99 -1.04 | 64.31 1.06 -1.19 | 72.57 1.27 -1.40 | 87.47 2.14 -1.44 | 76.17 1.77 -0.09 | 66.13 1.79 0.00 | 50.11 1.50 0.00 | 51.33 1.58 -0.89 | 51.48 1.81 -1.22 | 52.45 2.21 0.00 | 54.66 2.37 0.00 | 67.02 2.48 0.00 | 73.32 2.57 -0.17 | 76.29 2.43 -0.36 | 60.37 1.40 -0.04 |
| MILLIKEN___2 23585 | 50.06 0.93 -0.85 | 45.11 0.77 -0.54 | 40.39 0.67 -0.39 | 40.12 0.66 -0.38 | 35.76 0.50 -0.03 | 41.63 0.68 -0.42 | 40.87 0.56 -0.41 | 49.57 0.87 -0.70 | 54.48 0.86 -0.84 | 58.44 0.99 -1.04 | 64.31 1.06 -1.19 | 72.57 1.27 -1.40 | 87.47 2.14 -1.44 | 76.17 1.77 -0.09 | 66.13 1.79 0.00 | 50.11 1.50 0.00 | 51.33 1.58 -0.89 | 51.48 1.81 -1.22 | 52.45 2.21 0.00 | 54.66 2.37 0.00 | 67.02 2.48 0.00 | 73.32 2.57 -0.17 | 76.29 2.43 -0.36 | 60.37 1.40 -0.04 |
| MILLIKEN___DIESEL 23629 | 50.06 0.93 -0.85 | 45.11 0.77 -0.54 | 40.39 0.67 -0.39 | 40.12 0.66 -0.38 | 35.76 0.50 -0.03 | 41.63 0.68 -0.42 | 40.87 0.56 -0.41 | 49.57 0.87 -0.70 | 54.48 0.86 -0.84 | 58.44 0.99 -1.04 | 64.31 1.06 -1.19 | 72.57 1.27 -1.40 | 87.47 2.14 -1.44 | 76.17 1.77 -0.09 | 66.13 1.79 0.00 | 50.11 1.50 0.00 | 51.33 1.58 -0.89 | 51.48 1.81 -1.22 | 52.45 2.21 0.00 | 54.66 2.37 0.00 | 67.02 2.48 0.00 | 73.32 2.57 -0.17 | 76.29 2.43 -0.36 | 60.37 1.40 -0.04 |
| MILLSEAT___LFGE 323607 | 49.08 0.80 0.00 | 44.04 0.24 0.00 | 39.28 -0.06 0.00 | 38.95 -0.14 0.00 | 34.86 -0.36 0.00 | 40.52 -0.01 0.00 | 39.45 -0.45 0.00 | 48.03 0.03 0.00 | 53.00 0.22 0.00 | 57.74 1.34 0.00 | 63.23 1.16 0.00 | 70.72 0.81 0.00 | 85.70 1.81 0.00 | 75.24 0.93 0.00 | 65.36 1.01 0.00 | 49.20 0.59 0.00 | 47.53 0.60 1.94 | 46.04 0.37 2.77 | 50.91 0.67 0.00 | 53.26 0.97 0.00 | 65.16 0.62 0.00 | 71.35 0.77 0.00 | 74.34 0.85 0.00 | 59.83 0.90 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 50.25 1.97 0.00 | 45.99 2.18 0.00 | 41.43 2.10 0.00 | 41.10 2.02 0.00 | 36.96 1.74 0.00 | 42.44 1.92 0.00 | 41.85 1.94 0.00 | 50.05 2.05 0.00 | 54.88 2.10 0.00 | 58.47 2.07 0.00 | 64.51 2.43 0.00 | 73.03 3.12 0.00 | 88.23 4.34 0.00 | 78.63 4.33 0.00 | 68.84 4.50 0.00 | 52.56 3.95 0.00 | 52.85 3.98 0.00 | 52.33 3.89 0.00 | 53.93 3.69 0.00 | 56.14 3.86 0.00 | 68.56 4.02 0.00 | 74.08 3.50 0.00 | 76.66 3.16 0.00 | 60.95 2.02 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 50.35 2.07 0.00 | 46.08 2.28 0.00 | 41.51 2.18 0.00 | 41.17 2.09 0.00 | 37.02 1.80 0.00 | 42.52 2.00 0.00 | 41.93 2.02 0.00 | 50.15 2.14 0.00 | 54.98 2.20 0.00 | 58.59 2.19 0.00 | 64.66 2.58 0.00 | 73.20 3.29 0.00 | 88.45 4.57 0.00 | 78.84 4.53 0.00 | 69.03 4.69 0.00 | 52.70 4.09 0.00 | 52.99 4.12 0.00 | 52.48 4.04 0.00 | 54.09 3.85 0.00 | 56.30 4.01 0.00 | 68.74 4.21 0.00 | 74.27 3.69 0.00 | 76.84 3.34 0.00 | 61.08 2.15 0.00 |
| MODEL_CITY_ENERGY 24167 | 47.28 -1.00 0.00 | 42.46 -1.35 0.00 | 37.89 -1.45 0.00 | 37.58 -1.51 0.00 | 33.61 -1.61 0.00 | 39.07 -1.45 0.00 | 37.88 -2.02 0.00 | 46.05 -1.96 0.00 | 50.92 -1.87 0.00 | 55.60 -0.80 0.00 | 60.64 -1.44 0.00 | 67.64 -2.27 0.00 | 81.99 -1.90 0.00 | 71.83 -2.47 0.00 | 62.14 -2.20 0.00 | 46.94 -1.68 0.00 | 44.53 -1.72 2.62 | 42.88 -1.88 3.68 | 48.33 -1.92 0.00 | 50.53 -1.76 0.00 | 61.91 -2.63 0.00 | 67.96 -2.62 0.00 | 71.09 -2.41 0.00 | 57.62 -1.30 0.00 |
| MODERN_LFGE___ 323580 | 47.28 -1.00 0.00 | 42.46 -1.35 0.00 | 37.89 -1.45 0.00 | 37.58 -1.51 0.00 | 33.61 -1.61 0.00 | 39.07 -1.45 0.00 | 37.88 -2.02 0.00 | 46.05 -1.96 0.00 | 50.92 -1.87 0.00 | 55.60 -0.80 0.00 | 60.64 -1.44 0.00 | 67.64 -2.27 0.00 | 81.99 -1.90 0.00 | 71.83 -2.47 0.00 | 62.14 -2.20 0.00 | 46.94 -1.68 0.00 | 44.53 -1.72 2.62 | 42.88 -1.88 3.68 | 48.33 -1.92 0.00 | 50.53 -1.76 0.00 | 61.91 -2.63 0.00 | 67.96 -2.62 0.00 | 71.09 -2.41 0.00 | 57.62 -1.30 0.00 |
| MOHAWK_PAPER___DRP 24187 | 49.33 1.05 0.00 | 45.06 1.26 0.00 | 40.67 1.34 0.00 | 40.37 1.28 0.00 | 36.30 1.09 0.00 | 41.67 1.15 0.00 | 40.98 1.07 0.00 | 49.05 1.04 0.00 | 54.04 1.26 0.00 | 57.75 1.34 0.00 | 63.40 1.32 0.00 | 71.35 1.43 0.00 | 86.03 2.14 0.00 | 76.50 2.19 0.00 | 66.75 2.41 0.00 | 50.57 1.96 0.00 | 50.87 2.00 0.00 | 50.48 2.03 0.00 | 52.45 2.21 0.00 | 54.54 2.25 0.00 | 67.08 2.54 0.00 | 72.75 2.16 0.00 | 75.54 2.05 0.00 | 60.21 1.29 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 50.96 2.68 0.00 | 46.38 2.58 0.00 | 41.73 2.40 0.00 | 41.37 2.28 0.00 | 37.18 1.96 0.00 | 42.72 2.20 0.00 | 41.97 2.06 0.00 | 50.38 2.38 0.00 | 55.42 2.64 0.00 | 59.28 2.88 0.00 | 64.74 2.67 0.00 | 72.70 2.79 0.00 | 87.58 3.69 0.00 | 77.95 3.65 0.00 | 67.99 3.65 0.00 | 51.72 3.11 0.00 | 52.11 3.24 0.00 | 51.78 3.33 0.00 | 54.35 4.10 0.00 | 56.68 4.39 0.00 | 69.79 5.26 0.00 | 75.46 4.88 0.00 | 78.09 4.59 0.00 | 62.36 3.43 0.00 |
| MONGAUP___HYD 23641 | 50.48 2.21 0.00 | 46.02 2.21 0.00 | 41.44 2.11 0.00 | 41.10 2.02 0.00 | 36.95 1.73 0.00 | 42.46 1.94 0.00 | 41.81 1.90 0.00 | 50.13 2.13 0.00 | 55.02 2.24 0.00 | 58.28 1.88 0.00 | 64.14 2.07 0.00 | 72.45 2.54 0.00 | 87.44 3.56 0.00 | 77.74 3.44 0.00 | 67.74 3.39 0.00 | 51.53 2.92 0.00 | 52.00 3.13 0.00 | 51.38 2.94 0.00 | 53.45 3.20 0.00 | 55.95 3.66 0.00 | 69.33 4.79 0.00 | 74.86 4.28 0.00 | 77.81 4.31 0.00 | 61.67 2.75 0.00 |
| MONTAUK___DIESEL 23721 | 51.22 2.94 0.00 | 47.06 3.26 0.00 | 42.34 3.00 0.00 | 41.88 2.79 0.00 | 37.63 2.41 0.00 | 43.04 2.52 0.00 | 42.26 2.36 0.00 | 50.33 2.33 0.00 | 55.35 2.57 0.00 | 57.92 2.79 1.27 | 65.18 3.11 0.00 | 73.81 3.90 0.00 | 88.63 4.86 0.11 | 79.50 5.19 0.00 | 71.30 6.85 -0.11 | 176.05 6.09 -121.34 | 241.28 5.64 -186.77 | 287.53 5.70 -233.38 | 272.41 5.52 -216.64 | 272.74 5.15 -215.29 | 285.15 5.91 -214.70 | 199.13 6.05 -122.50 | 85.42 5.65 -6.27 | 61.94 3.91 0.89 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 46.80 -1.48 0.00 | 42.31 -1.50 0.00 | 37.61 -1.73 0.00 | 37.36 -1.73 0.00 | 33.33 -1.89 0.00 | 38.90 -1.62 0.00 | 38.14 -1.76 0.00 | 47.03 -0.97 0.00 | 52.74 -0.05 0.00 | 58.06 1.65 0.00 | 63.46 1.39 0.00 | 71.18 1.26 0.00 | 86.24 2.35 0.00 | 74.82 0.52 0.00 | 64.89 0.54 0.00 | 49.89 1.27 0.00 | 47.98 1.30 2.19 | 46.77 1.34 3.01 | 52.24 2.00 0.00 | 54.77 2.49 0.00 | 66.76 2.22 0.00 | 72.79 2.21 0.00 | 75.71 2.21 0.00 | 60.29 1.37 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 47.03 -1.25 0.00 | 42.32 -1.48 0.00 | 37.92 -1.41 0.00 | 37.70 -1.38 0.00 | 33.78 -1.44 0.00 | 39.16 -1.36 0.00 | 38.17 -1.73 0.00 | 46.23 -1.78 0.00 | 50.85 -1.93 0.00 | 55.11 -1.29 0.00 | 60.22 -1.85 0.00 | 67.57 -2.34 0.00 | 82.36 -1.58 -0.06 | 72.11 -2.22 -0.03 | 62.91 -1.44 0.00 | 47.86 -0.76 0.00 | 28.12 -1.28 19.47 | 20.27 -1.41 26.77 | 49.64 -0.61 0.00 | 52.50 0.21 0.00 | 64.62 0.08 0.00 | 71.12 0.49 -0.05 | 74.03 0.43 -0.10 | 59.04 0.10 -0.01 |
| MORTIMER_115KV_TB3 55949 | 48.92 0.64 0.00 | 44.07 0.27 0.00 | 39.40 0.07 0.00 | 39.07 -0.02 0.00 | 35.02 -0.20 0.00 | 40.55 0.03 0.00 | 39.65 -0.25 0.00 | 48.13 0.12 0.00 | 53.17 0.39 0.00 | 57.60 1.19 0.00 | 63.15 1.08 0.00 | 71.01 1.10 0.00 | 85.99 2.10 0.00 | 75.86 1.55 0.00 | 65.87 1.52 0.00 | 49.74 1.13 0.00 | 49.85 0.94 -0.04 | 49.25 0.76 -0.04 | 51.14 0.89 0.00 | 53.26 0.97 0.00 | 65.30 0.76 0.00 | 71.55 0.97 0.00 | 74.43 0.93 0.00 | 59.58 0.65 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 50.57 2.29 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.38 2.30 0.00 | 37.22 2.00 0.00 | 42.76 2.23 0.00 | 42.20 2.30 0.00 | 50.45 2.45 0.00 | 55.24 2.46 0.00 | 58.80 2.40 0.00 | 64.91 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.18 4.88 0.00 | 69.30 4.96 0.00 | 53.04 4.43 0.00 | 53.28 4.41 0.00 | 52.72 4.27 0.00 | 54.23 3.98 0.00 | 56.46 4.17 0.00 | 68.92 4.38 0.00 | 74.45 3.87 0.00 | 77.03 3.53 0.00 | 61.28 2.36 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 50.44 2.16 0.00 | 45.63 1.82 0.00 | 41.20 1.87 0.00 | 41.10 2.02 0.00 | 37.07 1.85 0.00 | 42.85 2.32 0.00 | 42.16 2.26 0.00 | 51.26 3.26 0.00 | 56.37 3.59 0.00 | 60.42 4.02 0.00 | 66.65 4.58 0.00 | 74.99 5.08 0.00 | 91.06 7.04 -0.13 | 80.34 5.97 -0.06 | 69.64 5.29 0.00 | 52.80 4.19 0.00 | 53.92 4.42 -0.63 | 53.60 4.29 -0.86 | 56.09 5.84 0.00 | 57.67 5.38 0.00 | 70.91 6.37 0.00 | 78.19 7.50 -0.11 | 80.85 7.12 -0.23 | 63.68 4.73 -0.03 |
| N SALMON___HYD 24042 | 48.84 0.56 0.00 | 43.96 0.16 0.00 | 39.07 -0.27 0.00 | 39.07 -0.01 0.00 | 35.35 0.14 0.00 | 40.90 0.38 0.00 | 40.32 0.42 0.00 | 48.69 0.68 0.00 | 53.24 0.46 0.00 | 56.80 0.39 0.00 | 62.35 0.28 0.00 | 70.00 0.09 0.00 | 83.86 -0.03 0.00 | 74.39 0.09 0.00 | 63.71 -0.64 0.00 | 47.38 -1.23 0.00 | 47.92 -0.95 0.00 | 47.59 -0.86 0.00 | 49.35 -0.90 0.00 | 51.38 -0.90 0.00 | 63.96 -0.57 0.00 | 70.48 -0.11 0.00 | 73.64 0.14 0.00 | 59.60 0.67 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 48.92 0.64 0.00 | 43.91 0.11 0.00 | 39.16 -0.17 0.00 | 38.83 -0.26 0.00 | 34.75 -0.46 0.00 | 40.39 -0.13 0.00 | 39.31 -0.59 0.00 | 47.85 -0.15 0.00 | 52.87 0.09 0.00 | 57.60 1.20 0.00 | 63.04 0.97 0.00 | 70.46 0.55 0.00 | 85.32 1.44 0.00 | 74.91 0.60 0.00 | 64.99 0.64 0.00 | 49.00 0.38 0.00 | 47.12 0.35 2.10 | 45.60 0.15 3.00 | 50.64 0.40 0.00 | 52.97 0.68 0.00 | 64.82 0.28 0.00 | 71.00 0.42 0.00 | 74.04 0.54 0.00 | 59.62 0.70 0.00 |
| N.E_GEN_SANDY PD 24062 | 50.65 1.26 -1.11 | 45.52 1.55 -0.17 | 38.85 1.58 2.07 | 40.61 1.52 0.00 | 36.51 1.29 0.00 | 41.88 1.36 0.00 | 41.24 1.34 0.00 | 51.02 1.28 -1.73 | 54.25 1.47 0.00 | 57.85 1.45 0.00 | 63.01 1.44 0.50 | 71.03 1.70 0.58 | 86.42 2.54 0.00 | 76.96 2.57 -0.09 | 64.49 2.93 2.78 | 51.15 2.47 -0.07 | 51.04 2.48 0.31 | 50.59 2.46 0.31 | 52.69 2.45 0.00 | 54.73 2.44 0.00 | 67.25 2.65 -0.06 | 70.91 2.06 1.74 | 75.46 1.97 0.00 | 60.13 1.21 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 50.24 1.96 0.00 | 45.94 2.14 0.00 | 41.37 2.04 0.00 | 41.04 1.96 0.00 | 36.91 1.69 0.00 | 42.39 1.86 0.00 | 41.76 1.86 0.00 | 49.99 1.99 0.00 | 54.80 2.02 0.00 | 58.42 2.02 0.00 | 64.54 2.47 0.00 | 73.13 3.22 0.00 | 88.32 4.43 0.00 | 78.71 4.40 0.00 | 68.91 4.57 0.00 | 52.59 3.98 0.00 | 52.89 4.03 0.00 | 52.39 3.95 0.00 | 54.02 3.77 0.00 | 56.25 3.96 0.00 | 68.64 4.09 0.00 | 74.14 3.56 0.00 | 76.73 3.23 0.00 | 60.95 2.03 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 50.78 2.50 0.00 | 46.61 2.80 0.00 | 41.97 2.63 0.00 | 41.57 2.49 0.00 | 37.39 2.18 0.00 | 42.92 2.40 0.00 | 42.52 2.61 0.00 | 50.68 2.68 0.00 | 55.31 2.53 0.00 | 58.84 2.44 0.00 | 64.85 2.78 0.00 | 73.40 3.49 0.00 | 88.75 4.81 -0.05 | 79.13 4.83 0.00 | 69.37 5.02 0.00 | 53.41 4.72 -0.08 | 53.56 4.57 -0.12 | 52.92 4.47 0.00 | 54.25 4.01 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.58 4.00 0.00 | 77.20 3.70 0.00 | 61.52 2.60 0.00 |
| N.TROY___115KV_TB1 355778 | 49.71 1.44 0.00 | 45.38 1.58 0.00 | 40.92 1.59 0.00 | 40.61 1.53 0.00 | 36.53 1.32 0.00 | 41.94 1.41 0.00 | 41.24 1.34 0.00 | 49.31 1.31 0.00 | 54.33 1.55 0.00 | 58.01 1.61 0.00 | 63.62 1.55 0.00 | 71.62 1.71 0.00 | 86.31 2.42 0.00 | 76.71 2.40 0.00 | 66.96 2.61 0.00 | 50.74 2.12 0.00 | 51.03 2.16 0.00 | 50.67 2.22 0.00 | 52.67 2.42 0.00 | 54.76 2.47 0.00 | 67.41 2.87 0.00 | 73.04 2.46 0.00 | 75.91 2.41 0.00 | 60.55 1.63 0.00 |
| NARROWS_GT1_1 24228 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_2 24229 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_3 24230 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_4 24231 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_5 24232 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_7 24234 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT1_8 24235 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_1 24236 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_2 24237 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_3 24238 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_4 24239 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_5 24240 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_6 24241 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_7 24242 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NARROWS_GT2_8 24243 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.15 3.24 0.00 | 88.35 4.46 0.01 | 78.81 4.50 0.00 | 69.10 4.75 0.00 | 53.12 4.51 0.00 | 53.39 4.52 0.00 | 52.88 4.44 0.00 | 54.26 4.02 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.59 4.00 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 49.72 1.44 0.00 | 45.42 1.62 0.00 | 41.05 1.72 0.00 | 40.72 1.63 0.00 | 36.62 1.40 0.00 | 42.06 1.53 0.00 | 41.33 1.43 0.00 | 49.45 1.44 0.00 | 54.52 1.75 0.00 | 58.38 1.97 0.00 | 63.87 1.81 0.00 | 71.38 1.46 0.00 | 85.94 2.06 0.00 | 76.25 1.95 0.00 | 66.51 2.17 0.00 | 50.29 1.68 0.00 | 50.52 1.65 0.00 | 50.38 1.93 0.00 | 52.65 2.40 0.00 | 55.08 2.80 0.00 | 67.88 3.34 0.00 | 73.69 3.11 0.00 | 76.35 2.85 0.00 | 60.70 1.77 0.00 |
| NCHELSEA_115KV_TR2 355582 | 50.64 2.37 0.00 | 46.26 2.46 0.00 | 41.68 2.35 0.00 | 41.34 2.26 0.00 | 37.17 1.95 0.00 | 42.68 2.16 0.00 | 42.07 2.17 0.00 | 50.45 2.45 0.00 | 55.46 2.68 0.00 | 59.13 2.73 0.00 | 65.31 3.24 0.00 | 73.91 4.00 0.00 | 89.35 5.46 0.00 | 79.60 5.29 0.00 | 69.75 5.40 0.00 | 53.18 4.57 0.00 | 53.54 4.67 0.00 | 53.05 4.60 0.00 | 54.79 4.54 0.00 | 56.96 4.67 0.00 | 69.60 5.06 0.00 | 75.15 4.56 0.00 | 77.70 4.21 0.00 | 61.70 2.77 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 50.67 2.39 0.00 | 46.16 2.36 0.00 | 41.56 2.23 0.00 | 41.23 2.15 0.00 | 37.08 1.86 0.00 | 42.59 2.07 0.00 | 41.88 1.98 0.00 | 50.20 2.20 0.00 | 55.29 2.51 0.00 | 59.12 2.71 0.00 | 64.84 2.78 0.00 | 72.95 3.04 0.00 | 87.92 4.04 0.00 | 78.25 3.94 0.00 | 68.23 3.89 0.00 | 51.74 3.13 0.00 | 52.11 3.24 0.00 | 51.75 3.31 0.00 | 54.02 3.78 0.00 | 56.23 3.95 0.00 | 69.21 4.67 0.00 | 74.97 4.39 0.00 | 77.74 4.24 0.00 | 61.94 3.02 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 48.95 -0.15 -0.82 | 43.89 -0.43 -0.52 | 39.17 -0.53 -0.37 | 38.83 -0.62 -0.36 | 34.54 -0.72 -0.03 | 40.33 -0.60 -0.41 | 39.49 -0.81 -0.39 | 48.14 -0.55 -0.69 | 53.21 -0.39 -0.82 | 57.74 0.32 -1.01 | 63.37 0.16 -1.14 | 71.42 0.16 -1.34 | 86.10 1.01 -1.20 | 74.91 0.60 0.00 | 65.04 0.70 0.00 | 49.19 0.57 0.00 | 49.22 0.35 0.00 | 48.69 0.24 0.00 | 50.58 0.33 0.00 | 52.64 0.36 0.00 | 64.54 0.00 0.00 | 70.61 0.03 0.00 | 73.34 -0.15 0.00 | 58.67 -0.25 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL___DRP 24199 | 50.67 0.51 -1.88 | 45.29 0.30 -1.18 | 40.39 0.20 -0.86 | 40.07 0.16 -0.83 | 35.32 0.02 -0.08 | 41.64 0.18 -0.93 | 40.85 0.05 -0.90 | 49.96 0.37 -1.58 | 55.05 0.39 -1.88 | 59.52 0.78 -2.33 | 65.47 0.78 -2.62 | 73.84 0.85 -3.08 | 88.44 1.61 -2.95 | 75.73 1.34 -0.09 | 65.78 1.43 0.00 | 49.90 1.28 0.00 | 51.26 1.25 -1.14 | 51.22 1.21 -1.57 | 51.76 1.51 0.00 | 53.98 1.69 0.00 | 66.21 1.67 0.00 | 72.45 1.70 -0.17 | 75.34 1.48 -0.36 | 59.74 0.77 -0.04 |
| NEG CENTRAL___INDECK 23768 | 48.65 0.38 0.00 | 43.69 -0.11 0.00 | 39.08 -0.26 0.00 | 38.78 -0.30 0.00 | 34.80 -0.42 0.00 | 40.37 -0.15 0.00 | 39.53 -0.38 0.00 | 47.86 -0.14 0.00 | 52.31 -0.47 0.00 | 56.50 0.10 0.00 | 61.92 -0.15 0.00 | 69.58 -0.33 0.00 | 84.80 0.91 0.00 | 73.54 -0.76 0.00 | 63.52 -0.83 0.00 | 48.13 -0.49 0.00 | 60.36 -0.76 -12.25 | 64.12 -1.19 -16.86 | 49.46 -0.79 0.00 | 52.51 0.23 0.00 | 65.00 0.46 0.00 | 73.94 3.36 0.00 | 75.98 2.48 0.00 | 60.47 1.55 0.00 |
| NEG CENTRAL___SENECA 23627 | 50.05 0.65 -1.12 | 44.89 0.39 -0.70 | 40.12 0.28 -0.51 | 39.81 0.23 -0.49 | 35.32 0.06 -0.05 | 41.35 0.27 -0.55 | 40.52 0.08 -0.54 | 49.51 0.54 -0.96 | 54.49 0.56 -1.15 | 58.91 1.09 -1.41 | 64.66 1.03 -1.56 | 72.75 1.00 -1.83 | 87.54 1.91 -1.75 | 76.04 1.68 -0.05 | 66.08 1.73 0.00 | 50.11 1.49 0.00 | 52.12 1.43 -1.82 | 52.39 1.44 -2.51 | 52.08 1.83 0.00 | 54.32 2.04 0.00 | 66.55 2.01 0.00 | 72.78 2.11 -0.09 | 75.55 1.85 -0.20 | 60.02 1.07 -0.02 |
| NEG CENTRAL___STATE_STREET 24147 | 51.19 0.61 -2.30 | 45.73 0.48 -1.45 | 40.67 0.29 -1.05 | 40.42 0.32 -1.02 | 35.52 0.21 -0.09 | 42.02 0.35 -1.15 | 41.26 0.25 -1.10 | 50.43 0.50 -1.92 | 55.57 0.51 -2.28 | 59.80 0.56 -2.84 | 65.84 0.56 -3.21 | 74.59 0.90 -3.78 | 89.10 1.59 -3.63 | 75.54 1.11 -0.12 | 65.53 1.19 0.00 | 49.80 1.19 0.00 | 50.14 1.27 0.00 | 49.62 1.17 0.00 | 51.69 1.44 0.00 | 54.00 1.71 0.00 | 66.32 1.78 0.00 | 72.64 1.84 -0.22 | 75.64 1.66 -0.48 | 59.70 0.72 -0.06 |
| NEG MILLWOOD___DRP 24198 | 50.78 2.50 0.00 | 46.39 2.58 0.00 | 41.79 2.46 0.00 | 41.44 2.35 0.00 | 37.26 2.04 0.00 | 42.79 2.26 0.00 | 42.19 2.29 0.00 | 50.60 2.59 0.00 | 55.55 2.78 0.00 | 59.28 2.87 0.00 | 65.71 3.64 0.00 | 74.08 4.17 0.00 | 89.57 5.68 0.00 | 79.83 5.53 0.00 | 69.95 5.61 0.00 | 53.40 4.79 0.00 | 53.73 4.86 0.00 | 53.23 4.78 0.00 | 54.92 4.68 0.00 | 57.10 4.81 0.00 | 69.74 5.20 0.00 | 75.31 4.73 0.00 | 77.84 4.34 0.00 | 61.79 2.87 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 47.93 -0.35 0.00 | 43.20 -0.61 0.00 | 38.30 -1.04 0.00 | 38.36 -0.72 0.00 | 34.84 -0.38 0.00 | 40.43 -0.09 0.00 | 39.68 -0.23 0.00 | 48.03 0.02 0.00 | 52.25 -0.53 0.00 | 55.68 -0.72 0.00 | 60.67 -1.40 0.00 | 67.89 -2.02 0.00 | 81.63 -2.26 0.00 | 72.22 -2.09 0.00 | 62.29 -2.05 0.00 | 46.37 -2.25 0.00 | 46.93 -1.94 0.00 | 46.52 -1.93 0.00 | 48.18 -2.06 0.00 | 50.09 -2.19 0.00 | 62.13 -2.41 0.00 | 68.38 -2.21 0.00 | 71.41 -2.09 0.00 | 57.80 -1.12 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 48.03 -0.25 0.00 | 43.29 -0.51 0.00 | 38.45 -0.88 0.00 | 38.55 -0.53 0.00 | 34.96 -0.26 0.00 | 40.46 -0.07 0.00 | 39.81 -0.10 0.00 | 48.04 0.03 0.00 | 52.60 -0.18 0.00 | 56.03 -0.37 0.00 | 61.40 -0.67 0.00 | 68.87 -1.04 0.00 | 82.53 -1.35 0.00 | 73.06 -1.24 0.00 | 62.77 -1.58 0.00 | 46.90 -1.71 0.00 | 47.37 -1.50 0.00 | 46.95 -1.50 0.00 | 48.72 -1.53 0.00 | 50.71 -1.58 0.00 | 62.99 -1.55 0.00 | 69.46 -1.12 0.00 | 72.57 -0.93 0.00 | 58.70 -0.22 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 48.40 0.12 0.00 | 43.59 -0.21 0.00 | 38.66 -0.67 0.00 | 38.72 -0.37 0.00 | 35.14 -0.08 0.00 | 40.77 0.24 0.00 | 40.00 0.10 0.00 | 48.44 0.44 0.00 | 52.82 0.04 0.00 | 56.24 -0.16 0.00 | 61.40 -0.67 0.00 | 68.79 -1.13 0.00 | 82.73 -1.16 0.00 | 73.32 -0.99 0.00 | 63.26 -1.08 0.00 | 47.07 -1.54 0.00 | 47.72 -1.15 0.00 | 47.31 -1.13 0.00 | 49.00 -1.25 0.00 | 50.97 -1.32 0.00 | 63.20 -1.34 0.00 | 69.52 -1.06 0.00 | 72.55 -0.95 0.00 | 58.67 -0.25 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 48.40 0.12 0.00 | 43.59 -0.21 0.00 | 38.66 -0.67 0.00 | 38.72 -0.37 0.00 | 35.14 -0.08 0.00 | 40.77 0.24 0.00 | 40.00 0.10 0.00 | 48.44 0.44 0.00 | 52.82 0.04 0.00 | 56.24 -0.16 0.00 | 61.40 -0.67 0.00 | 68.79 -1.13 0.00 | 82.73 -1.16 0.00 | 73.32 -0.99 0.00 | 63.26 -1.08 0.00 | 47.07 -1.54 0.00 | 47.72 -1.15 0.00 | 47.31 -1.13 0.00 | 49.00 -1.25 0.00 | 50.97 -1.32 0.00 | 63.20 -1.34 0.00 | 69.52 -1.06 0.00 | 72.55 -0.95 0.00 | 58.67 -0.25 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 48.40 0.12 0.00 | 43.59 -0.21 0.00 | 38.66 -0.67 0.00 | 38.72 -0.37 0.00 | 35.14 -0.08 0.00 | 40.77 0.24 0.00 | 40.01 0.10 0.00 | 48.44 0.44 0.00 | 52.82 0.04 0.00 | 56.24 -0.16 0.00 | 61.40 -0.67 0.00 | 68.79 -1.12 0.00 | 82.73 -1.16 0.00 | 73.32 -0.99 0.00 | 63.26 -1.08 0.00 | 47.07 -1.54 0.00 | 47.71 -1.15 0.00 | 47.31 -1.13 0.00 | 49.00 -1.25 0.00 | 50.97 -1.32 0.00 | 63.20 -1.34 0.00 | 69.52 -1.06 0.00 | 72.55 -0.95 0.00 | 58.67 -0.25 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 47.50 -0.78 0.00 | 42.66 -1.15 0.00 | 38.06 -1.28 0.00 | 37.75 -1.33 0.00 | 33.77 -1.45 0.00 | 39.24 -1.28 0.00 | 38.09 -1.82 0.00 | 46.31 -1.69 0.00 | 51.22 -1.56 0.00 | 55.89 -0.51 0.00 | 60.93 -1.14 0.00 | 67.93 -1.98 0.00 | 82.31 -1.58 0.00 | 72.17 -2.14 0.00 | 62.44 -1.91 0.00 | 47.14 -1.48 0.00 | 43.07 -1.56 4.23 | 41.37 -1.74 5.34 | 48.57 -1.68 0.00 | 50.83 -1.46 0.00 | 62.28 -2.25 0.00 | 68.38 -2.19 0.00 | 71.47 -2.03 0.00 | 57.80 -1.12 0.00 |
| NEG WEST___LANCASTR 23811 | 47.37 -0.91 0.00 | 42.68 -1.13 0.00 | 38.17 -1.17 0.00 | 37.87 -1.21 0.00 | 33.87 -1.34 0.00 | 39.32 -1.20 0.00 | 38.28 -1.62 0.00 | 46.70 -1.30 0.00 | 51.69 -1.09 0.00 | 56.31 -0.09 0.00 | 61.54 -0.53 0.00 | 68.77 -1.15 0.00 | 83.42 -0.47 0.00 | 73.25 -1.06 0.00 | 63.50 -0.85 0.00 | 48.03 -0.58 0.00 | 45.56 -0.58 2.74 | 44.12 -0.56 3.77 | 49.90 -0.35 0.00 | 52.12 -0.17 0.00 | 63.79 -0.75 0.00 | 69.83 -0.76 0.00 | 72.63 -0.87 0.00 | 58.15 -0.78 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 48.69 0.42 0.00 | 44.16 0.36 0.00 | 39.78 0.44 0.00 | 39.28 0.20 0.00 | 35.28 0.06 0.00 | 40.70 0.17 0.00 | 39.88 -0.03 0.00 | 48.22 0.21 0.00 | 53.02 0.24 0.00 | 57.01 0.61 0.00 | 62.72 0.65 0.00 | 70.71 0.80 0.00 | 85.59 1.58 -0.12 | 75.68 1.32 -0.06 | 65.77 1.43 0.00 | 49.84 1.22 0.00 | 50.06 1.19 0.00 | 49.76 1.32 0.00 | 51.84 1.59 0.00 | 53.95 1.66 0.00 | 66.02 1.48 0.00 | 72.10 1.42 -0.10 | 74.97 1.24 -0.23 | 59.47 0.52 -0.03 |
| NEG___GEN_MONROE 24207 | 49.35 1.08 0.00 | 44.42 0.62 0.00 | 39.68 0.35 0.00 | 39.34 0.26 0.00 | 35.26 0.04 0.00 | 40.85 0.32 0.00 | 39.93 0.03 0.00 | 48.51 0.51 0.00 | 53.55 0.77 0.00 | 58.01 1.61 0.00 | 63.64 1.57 0.00 | 71.48 1.57 0.00 | 86.73 2.85 0.00 | 76.42 2.12 0.00 | 66.50 2.15 0.00 | 50.14 1.53 0.00 | 50.33 1.41 -0.05 | 49.65 1.16 -0.05 | 51.63 1.38 0.00 | 97.24 1.59 -43.37 | 65.99 1.45 0.00 | 72.26 1.67 0.00 | 75.11 1.61 0.00 | 60.14 1.22 0.00 |
| NEPA___ENERGY 23901 | 47.16 -1.12 0.00 | 42.64 -1.17 0.00 | 38.14 -1.19 0.00 | 37.94 -1.15 0.00 | 33.85 -1.37 0.00 | 39.33 -1.20 0.00 | 38.27 -1.63 0.00 | 46.92 -1.09 0.00 | 51.83 -0.95 0.00 | 56.52 0.12 0.00 | 61.99 -0.08 0.00 | 69.52 -0.39 0.00 | 84.19 0.30 0.00 | 73.70 -0.61 0.00 | 63.95 -0.40 0.00 | 48.60 -0.01 0.00 | 46.21 -0.08 2.58 | 44.90 0.01 3.55 | 50.69 0.44 0.00 | 53.10 0.81 0.00 | 64.61 0.06 0.00 | 70.56 -0.02 0.00 | 73.52 0.03 0.00 | 58.45 -0.47 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| NEVERSINK___HYD 23608 | 49.56 1.28 0.00 | 45.15 1.35 0.00 | 40.66 1.33 0.00 | 40.31 1.23 0.00 | 36.24 1.02 0.00 | 41.63 1.11 0.00 | 41.01 1.11 0.00 | 49.21 1.20 0.00 | 54.09 1.32 0.00 | 57.73 1.33 0.00 | 63.71 1.64 0.00 | 72.19 2.28 0.00 | 87.15 3.27 0.00 | 77.81 3.51 0.00 | 68.11 3.77 0.00 | 51.76 3.15 0.00 | 52.24 3.37 0.00 | 51.80 3.35 0.00 | 53.62 3.37 0.00 | 55.76 3.47 0.00 | 68.26 3.71 0.00 | 73.83 3.25 0.00 | 76.31 2.81 0.00 | 60.54 1.62 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 48.69 0.41 0.00 | 44.50 0.69 0.00 | 40.19 0.86 0.00 | 39.90 0.82 0.00 | 35.89 0.68 0.00 | 41.21 0.69 0.00 | 40.52 0.62 0.00 | 48.50 0.50 0.00 | 53.41 0.63 0.00 | 57.08 0.67 0.00 | 62.67 0.60 0.00 | 70.54 0.63 0.00 | 85.02 1.13 0.00 | 75.53 1.22 0.00 | 65.92 1.57 0.00 | 49.92 1.30 0.00 | 50.20 1.33 0.00 | 49.83 1.39 0.00 | 51.70 1.45 0.00 | 53.75 1.47 0.00 | 66.11 1.57 0.00 | 71.72 1.14 0.00 | 74.47 0.97 0.00 | 59.38 0.45 0.00 |
| NEWTON___FALLS_HYD 23847 | 49.95 0.56 -1.12 | 44.73 0.22 -0.70 | 39.75 -0.09 -0.51 | 39.50 -0.09 -0.50 | 35.07 -0.19 -0.05 | 40.99 -0.09 -0.56 | 40.46 0.02 -0.54 | 48.96 0.02 -0.93 | 53.88 -0.02 -1.12 | 58.07 0.28 -1.38 | 63.83 0.20 -1.56 | 72.17 0.42 -1.83 | 86.17 0.55 -1.74 | 75.12 0.77 -0.04 | 64.14 -0.20 0.00 | 47.69 -0.92 0.00 | 48.25 -0.62 0.00 | 48.16 -0.28 0.00 | 49.69 -0.56 0.00 | 51.95 -0.33 0.00 | 65.12 0.58 0.00 | 71.97 1.31 -0.08 | 75.62 1.95 -0.18 | 60.82 1.88 -0.02 |
| NGRID_A1_DSASP 323792 | 47.39 -0.89 0.00 | 42.65 -1.15 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.78 -1.44 0.00 | 39.23 -1.30 0.00 | 38.06 -1.84 0.00 | 46.01 -1.99 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.59 -1.48 0.00 | 67.53 -2.38 0.00 | 81.80 -2.09 0.00 | 71.69 -2.62 0.00 | 61.97 -2.37 0.00 | 46.81 -1.81 0.00 | 44.24 -1.84 2.79 | 42.56 -2.04 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| NGRID_A2_DSASP 323793 | 47.39 -0.89 0.00 | 42.65 -1.15 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.78 -1.44 0.00 | 39.23 -1.30 0.00 | 38.06 -1.84 0.00 | 46.01 -1.99 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.59 -1.48 0.00 | 67.53 -2.38 0.00 | 81.80 -2.09 0.00 | 71.69 -2.62 0.00 | 61.97 -2.37 0.00 | 46.81 -1.81 0.00 | 44.24 -1.84 2.79 | 42.56 -2.04 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| NGRID_A4_DSASP 323807 | 47.39 -0.89 0.00 | 42.65 -1.15 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.78 -1.44 0.00 | 39.23 -1.30 0.00 | 38.06 -1.84 0.00 | 46.01 -1.99 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.59 -1.48 0.00 | 67.53 -2.38 0.00 | 81.80 -2.09 0.00 | 71.69 -2.62 0.00 | 61.97 -2.37 0.00 | 46.81 -1.81 0.00 | 44.24 -1.84 2.79 | 42.56 -2.04 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| NIAGARA_115E_LBMP 323715 | 47.06 -1.22 0.00 | 42.26 -1.55 0.00 | 37.71 -1.63 0.00 | 37.41 -1.68 0.00 | 33.46 -1.76 0.00 | 38.89 -1.64 0.00 | 37.69 -2.22 0.00 | 45.80 -2.21 0.00 | 50.65 -2.13 0.00 | 55.32 -1.08 0.00 | 60.33 -1.75 0.00 | 67.28 -2.63 0.00 | 81.57 -2.32 0.00 | 71.45 -2.85 0.00 | 61.78 -2.57 0.00 | 46.69 -1.92 0.00 | 44.22 -1.95 2.71 | 42.53 -2.14 3.78 | 48.05 -2.19 0.00 | 50.22 -2.06 0.00 | 61.55 -2.99 0.00 | 67.56 -3.02 0.00 | 70.72 -2.78 0.00 | 57.39 -1.53 0.00 |
| NIAGARA_115W_LBMP 323714 | 47.31 -0.97 0.00 | 42.57 -1.23 0.00 | 38.00 -1.33 0.00 | 37.71 -1.38 0.00 | 33.72 -1.50 0.00 | 39.17 -1.36 0.00 | 38.00 -1.90 0.00 | 45.90 -2.10 0.00 | 50.74 -2.05 0.00 | 55.39 -1.01 0.00 | 60.42 -1.65 0.00 | 67.37 -2.54 0.00 | 81.59 -2.30 0.00 | 71.53 -2.77 0.00 | 61.83 -2.52 0.00 | 46.69 -1.92 0.00 | 44.17 -1.92 2.78 | 42.49 -2.14 3.82 | 47.98 -2.27 0.00 | 50.13 -2.15 0.00 | 61.18 -3.36 0.00 | 67.04 -3.54 0.00 | 70.26 -3.24 0.00 | 57.19 -1.73 0.00 |
| NIAGARA_230_LBMP 323716 | 47.35 -0.93 0.00 | 42.58 -1.22 0.00 | 38.03 -1.31 0.00 | 37.73 -1.35 0.00 | 33.74 -1.48 0.00 | 39.18 -1.34 0.00 | 38.05 -1.86 0.00 | 46.19 -1.81 0.00 | 51.06 -1.72 0.00 | 55.69 -0.71 0.00 | 60.76 -1.31 0.00 | 67.81 -2.11 0.00 | 82.17 -1.71 0.00 | 72.03 -2.28 0.00 | 62.31 -2.03 0.00 | 47.06 -1.55 0.00 | 44.56 -1.61 2.70 | 42.93 -1.82 3.70 | 48.45 -1.79 0.00 | 50.64 -1.65 0.00 | 62.04 -2.50 0.00 | 68.08 -2.50 0.00 | 71.24 -2.25 0.00 | 57.59 -1.33 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 47.29 -0.98 0.00 | 42.57 -1.24 0.00 | 38.00 -1.33 0.00 | 37.70 -1.38 0.00 | 33.72 -1.50 0.00 | 39.16 -1.36 0.00 | 37.99 -1.91 0.00 | 45.89 -2.11 0.00 | 50.73 -2.05 0.00 | 55.39 -1.02 0.00 | 60.43 -1.64 0.00 | 67.37 -2.54 0.00 | 81.52 -2.37 0.00 | 71.53 -2.77 0.00 | 61.81 -2.54 0.00 | 46.69 -1.92 0.00 | 44.16 -1.93 2.78 | 42.46 -2.16 3.82 | 47.98 -2.27 0.00 | 50.13 -2.16 0.00 | 61.18 -3.36 0.00 | 67.04 -3.54 0.00 | 70.26 -3.24 0.00 | 57.20 -1.73 0.00 |
| NIAGARA____ 23760 | 47.35 -0.93 0.00 | 42.58 -1.22 0.00 | 38.03 -1.31 0.00 | 37.73 -1.35 0.00 | 33.74 -1.48 0.00 | 39.18 -1.34 0.00 | 38.05 -1.86 0.00 | 46.19 -1.81 0.00 | 51.06 -1.72 0.00 | 55.69 -0.71 0.00 | 60.76 -1.31 0.00 | 67.81 -2.11 0.00 | 82.17 -1.71 0.00 | 72.03 -2.28 0.00 | 62.31 -2.03 0.00 | 47.06 -1.55 0.00 | 44.55 -1.61 2.71 | 42.90 -1.82 3.73 | 48.45 -1.79 0.00 | 50.64 -1.65 0.00 | 62.04 -2.50 0.00 | 68.08 -2.50 0.00 | 71.24 -2.25 0.00 | 57.59 -1.33 0.00 |
| NINE_MILE_1 23575 | 18.83 -1.26 28.19 | 24.86 -1.18 17.76 | 25.45 -1.06 12.82 | 25.50 -1.09 12.50 | 33.04 -1.03 1.14 | 25.38 -1.13 14.01 | 25.21 -1.19 13.50 | 23.30 -1.35 23.35 | 23.57 -1.47 27.73 | 20.39 -1.41 34.61 | 21.23 -1.58 39.26 | 21.93 -1.73 46.25 | 39.02 -1.81 43.05 | 71.83 -1.66 0.81 | 63.08 -1.26 0.00 | 47.70 -0.91 0.00 | 47.92 -0.95 0.00 | 47.48 -0.97 0.00 | 49.28 -0.97 0.00 | 51.30 -0.98 0.00 | 63.14 -1.39 0.01 | 67.51 -1.59 1.48 | 68.50 -1.77 3.23 | 56.97 -1.56 0.39 |
| NINE_MILE_2 23744 | 18.57 -1.26 28.45 | 24.69 -1.18 17.93 | 25.33 -1.06 12.94 | 25.39 -1.08 12.62 | 33.04 -1.02 1.15 | 25.25 -1.13 14.14 | 25.10 -1.18 13.62 | 23.09 -1.35 23.57 | 23.33 -1.47 27.98 | 20.07 -1.40 34.93 | 20.88 -1.57 39.62 | 21.51 -1.73 46.67 | 38.62 -1.81 43.46 | 71.82 -1.66 0.82 | 63.08 -1.26 0.00 | 47.70 -0.91 0.00 | 47.92 -0.95 0.00 | 47.48 -0.97 0.00 | 49.28 -0.97 0.00 | 51.30 -0.98 0.00 | 63.15 -1.39 0.01 | 67.49 -1.59 1.50 | 68.45 -1.77 3.28 | 56.97 -1.56 0.40 |
| NM_CAPITAL___DRP 24208 | 48.76 0.48 0.00 | 44.58 0.77 0.00 | 40.28 0.94 0.00 | 39.98 0.90 0.00 | 35.96 0.75 0.00 | 41.28 0.76 0.00 | 40.59 0.69 0.00 | 48.55 0.55 0.00 | 53.48 0.71 0.00 | 57.13 0.73 0.00 | 62.72 0.65 0.00 | 70.60 0.69 0.00 | 85.09 1.20 0.00 | 75.60 1.30 0.00 | 65.99 1.65 0.00 | 49.97 1.36 0.00 | 50.24 1.37 0.00 | 49.86 1.42 0.00 | 51.73 1.49 0.00 | 53.78 1.49 0.00 | 66.14 1.60 0.00 | 71.73 1.15 0.00 | 74.53 1.03 0.00 | 59.42 0.50 0.00 |
| NM_CENTRAL___DRP 24181 | 49.03 -0.13 -0.89 | 44.17 -0.19 -0.56 | 39.58 -0.16 -0.40 | 39.28 -0.20 -0.39 | 34.99 -0.26 -0.04 | 40.72 -0.24 -0.44 | 40.02 -0.31 -0.43 | 48.51 -0.24 -0.74 | 53.45 -0.21 -0.89 | 57.52 0.02 -1.09 | 63.36 0.05 -1.23 | 71.52 0.15 -1.45 | 86.01 0.66 -1.47 | 74.94 0.55 -0.08 | 65.06 0.72 0.00 | 49.23 0.61 0.00 | 49.41 0.54 0.00 | 48.92 0.47 0.00 | 50.77 0.53 0.00 | 52.84 0.56 0.00 | 64.98 0.44 0.00 | 71.07 0.35 -0.14 | 74.00 0.19 -0.31 | 58.84 -0.12 -0.04 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| NM_FRONTIER___DRP 24179 | 47.29 -0.98 0.00 | 42.57 -1.24 0.00 | 38.00 -1.33 0.00 | 37.70 -1.38 0.00 | 33.72 -1.50 0.00 | 39.16 -1.36 0.00 | 37.99 -1.91 0.00 | 45.89 -2.11 0.00 | 50.73 -2.05 0.00 | 55.39 -1.02 0.00 | 60.43 -1.64 0.00 | 67.37 -2.54 0.00 | 81.52 -2.37 0.00 | 71.53 -2.77 0.00 | 61.81 -2.54 0.00 | 46.69 -1.92 0.00 | 44.16 -1.93 2.78 | 42.46 -2.16 3.82 | 47.98 -2.27 0.00 | 50.13 -2.16 0.00 | 61.18 -3.36 0.00 | 67.04 -3.54 0.00 | 70.26 -3.24 0.00 | 57.20 -1.73 0.00 |
| NM_ST_REGIS___HYD 24053 | 48.97 0.70 0.00 | 44.11 0.30 0.00 | 39.24 -0.09 0.00 | 39.12 0.04 0.00 | 35.22 0.00 0.00 | 40.71 0.19 0.00 | 40.24 0.34 0.00 | 48.42 0.42 0.00 | 52.74 -0.04 0.00 | 56.37 -0.03 0.00 | 61.97 -0.10 0.00 | 69.58 -0.33 0.00 | 83.09 -0.80 0.00 | 73.67 -0.63 0.00 | 62.82 -1.53 0.00 | 46.68 -1.93 0.00 | 47.02 -1.85 0.00 | 46.68 -1.77 0.00 | 48.31 -1.94 0.00 | 50.42 -1.87 0.00 | 63.21 -1.33 0.00 | 69.81 -0.77 0.00 | 73.30 -0.20 0.00 | 59.60 0.67 0.00 |
| NORTHPORT___1 23551 | 50.54 2.26 0.00 | 46.67 2.87 0.00 | 42.09 2.75 0.00 | 41.63 2.55 0.00 | 37.42 2.20 0.00 | 42.68 2.15 0.00 | 41.60 1.70 0.00 | 49.32 1.32 0.00 | 53.86 1.08 0.00 | 40.01 1.01 17.40 | 63.48 1.41 0.00 | 71.86 1.95 0.00 | 86.50 2.72 0.11 | 77.59 3.29 0.00 | 68.65 4.22 -0.09 | 45.02 3.89 7.49 | 43.32 4.06 9.61 | 46.02 3.95 6.38 | 34.63 3.58 3.54 | 36.76 3.53 3.54 | 49.05 3.53 19.02 | 64.61 3.20 9.18 | 72.18 2.50 3.82 | 59.30 1.39 1.02 |
| NORTHPORT___2 23552 | 50.54 2.26 0.00 | 46.67 2.87 0.00 | 42.09 2.75 0.00 | 41.63 2.55 0.00 | 37.42 2.20 0.00 | 42.68 2.15 0.00 | 41.60 1.70 0.00 | 49.32 1.32 0.00 | 53.86 1.08 0.00 | 40.01 1.01 17.40 | 63.48 1.41 0.00 | 71.86 1.95 0.00 | 86.50 2.72 0.11 | 77.59 3.29 0.00 | 68.65 4.22 -0.09 | 45.02 3.89 7.49 | 43.32 4.06 9.61 | 46.02 3.95 6.38 | 34.63 3.58 3.54 | 36.76 3.53 3.54 | 49.05 3.53 19.02 | 64.61 3.20 9.18 | 72.18 2.50 3.82 | 59.30 1.39 1.02 |
| NORTHPORT___3 23553 | 50.26 1.98 0.00 | 46.44 2.64 0.00 | 41.87 2.53 0.00 | 41.43 2.35 0.00 | 37.23 2.01 0.00 | 42.46 1.94 0.00 | 41.38 1.47 0.00 | 49.04 1.04 0.00 | 53.53 0.75 0.00 | 39.64 0.63 17.39 | 63.05 0.98 0.00 | 71.41 1.50 0.00 | 85.99 2.22 0.13 | 77.20 2.90 0.00 | 68.22 3.78 -0.09 | 44.84 3.73 7.50 | 43.23 3.99 9.63 | 46.01 3.83 6.27 | 34.55 3.50 19.20 | 36.52 3.32 19.08 | 48.72 3.21 19.03 | 62.56 2.84 10.86 | 71.58 1.97 3.89 | 58.86 0.96 1.03 |
| NORTHPORT___4 23650 | 50.26 1.98 0.00 | 46.44 2.64 0.00 | 41.87 2.53 0.00 | 41.43 2.35 0.00 | 37.23 2.01 0.00 | 42.46 1.94 0.00 | 41.38 1.47 0.00 | 49.04 1.04 0.00 | 53.53 0.75 0.00 | 39.64 0.63 17.39 | 63.05 0.98 0.00 | 71.41 1.50 0.00 | 85.99 2.22 0.13 | 77.20 2.90 0.00 | 68.22 3.78 -0.09 | 44.84 3.73 7.50 | 43.23 3.99 9.63 | 46.01 3.83 6.27 | 34.55 3.50 19.20 | 36.52 3.32 19.08 | 48.72 3.21 19.03 | 62.56 2.84 10.86 | 71.58 1.97 3.89 | 58.86 0.96 1.03 |
| NORTHPORT___IC 23718 | 50.54 2.26 0.00 | 46.67 2.87 0.00 | 42.08 2.75 0.00 | 41.63 2.55 0.00 | 37.42 2.20 0.00 | 42.68 2.15 0.00 | 41.60 1.70 0.00 | 49.32 1.32 0.00 | 53.86 1.08 0.00 | 40.02 1.01 17.40 | 63.48 1.41 0.00 | 71.87 1.96 0.00 | 86.55 2.78 0.11 | 77.60 3.29 0.00 | 68.65 4.21 -0.09 | 45.03 3.90 7.49 | 43.32 4.06 9.61 | 46.02 3.96 6.38 | 34.63 3.58 19.19 | 36.76 3.54 19.07 | 49.04 3.52 19.02 | 64.61 3.20 9.18 | 72.18 2.50 3.82 | 59.31 1.39 1.02 |
| NORTH___COUNTRY_ESR 323785 | 47.93 -0.35 0.00 | 43.19 -0.61 0.00 | 38.37 -0.96 0.00 | 38.47 -0.61 0.00 | 34.89 -0.33 0.00 | 40.37 -0.15 0.00 | 39.74 -0.17 0.00 | 48.01 0.00 0.00 | 52.60 -0.18 0.00 | 56.03 -0.38 0.00 | 61.40 -0.67 0.00 | 68.87 -1.04 0.00 | 82.51 -1.38 0.00 | 73.06 -1.24 0.00 | 62.77 -1.58 0.00 | 46.82 -1.80 0.00 | 47.35 -1.51 0.00 | 46.94 -1.51 0.00 | 48.65 -1.60 0.00 | 50.58 -1.71 0.00 | 62.85 -1.69 0.00 | 69.27 -1.31 0.00 | 72.39 -1.11 0.00 | 58.57 -0.36 0.00 |
| NPX_GEN_1385_PROXY 323591 | 50.93 2.65 0.00 | 46.95 3.15 0.00 | 42.03 3.09 0.39 | 41.98 2.90 0.00 | 37.72 2.50 0.00 | 43.03 2.51 0.00 | 41.64 1.73 0.00 | 50.15 1.33 -0.82 | 54.11 1.34 0.00 | 39.99 0.98 17.40 | 63.70 1.63 0.00 | 72.44 2.53 0.00 | 87.65 3.87 0.11 | 78.21 3.90 0.00 | 69.17 4.73 -0.09 | 45.59 4.46 7.49 | 44.14 4.88 9.61 | 46.92 4.85 6.38 | 35.58 4.52 19.19 | 37.63 4.42 19.07 | 49.90 4.38 19.02 | 76.31 4.50 -1.22 | 73.23 3.55 3.82 | 62.22 1.79 -1.51 |
| NPX_GEN_CSC 323557 | 50.96 2.68 0.00 | 46.86 3.05 0.00 | 41.78 2.84 0.39 | 41.71 2.63 0.00 | 37.47 2.25 0.00 | 42.84 2.31 0.00 | 41.92 2.02 0.00 | 50.72 1.90 -0.82 | 54.64 1.86 0.00 | 57.19 2.05 1.26 | 64.54 2.46 0.00 | 72.97 3.06 0.00 | 87.35 3.58 0.11 | 78.39 4.09 0.00 | 69.74 5.28 -0.11 | 174.61 4.93 -121.07 | 240.30 5.07 -186.36 | 286.45 5.13 -232.88 | 271.48 5.09 -216.14 | 272.10 5.01 -214.80 | 284.11 5.37 -214.20 | 197.97 5.17 -122.21 | 84.24 4.51 -6.24 | 63.47 2.92 -1.63 |
| NSINS_S_GLNS_FALLS 23858 | 50.88 2.60 0.00 | 46.30 2.49 0.00 | 41.66 2.33 0.00 | 41.31 2.22 0.00 | 37.12 1.90 0.00 | 42.65 2.12 0.00 | 41.90 1.99 0.00 | 50.31 2.30 0.00 | 55.35 2.57 0.00 | 59.22 2.81 0.00 | 64.63 2.56 0.00 | 72.60 2.69 0.00 | 87.48 3.59 0.00 | 77.88 3.57 0.00 | 67.89 3.54 0.00 | 51.65 3.04 0.00 | 52.05 3.18 0.00 | 51.71 3.26 0.00 | 54.32 4.07 0.00 | 56.64 4.35 0.00 | 69.77 5.23 0.00 | 75.41 4.83 0.00 | 78.02 4.52 0.00 | 62.29 3.37 0.00 |
| NUCOR_STEEL___DRP 24197 | 51.32 0.56 -2.49 | 45.81 0.44 -1.57 | 40.70 0.24 -1.13 | 40.48 0.29 -1.10 | 35.50 0.19 -0.10 | 42.08 0.32 -1.23 | 41.32 0.23 -1.19 | 50.52 0.45 -2.07 | 55.71 0.47 -2.46 | 59.92 0.46 -3.06 | 66.00 0.47 -3.46 | 74.82 0.83 -4.08 | 89.30 1.50 -3.92 | 75.42 0.98 -0.13 | 65.40 1.05 0.00 | 49.63 1.01 0.00 | 49.91 1.04 0.00 | 49.44 1.00 0.00 | 51.47 1.22 0.00 | 53.81 1.52 0.00 | 66.12 1.57 0.00 | 72.44 1.63 -0.23 | 75.51 1.50 -0.51 | 59.60 0.61 -0.06 |
| NUMBER_THREE_WT_PWR 323818 | 49.71 0.16 -1.27 | 44.51 -0.09 -0.80 | 39.57 -0.34 -0.58 | 39.28 -0.38 -0.57 | 34.83 -0.44 -0.05 | 40.76 -0.40 -0.63 | 40.13 -0.39 -0.61 | 48.81 -0.33 -1.14 | 54.36 0.16 -1.42 | 58.67 0.66 -1.61 | 64.33 0.49 -1.77 | 73.08 1.09 -2.09 | 87.72 1.86 -1.98 | 76.52 2.16 -0.05 | 65.63 1.28 0.00 | 49.03 0.42 0.00 | 49.94 1.07 0.00 | 50.01 1.56 0.00 | 51.51 1.26 0.00 | 53.78 1.49 0.00 | 67.11 2.57 0.00 | 74.17 3.50 -0.10 | 77.74 4.03 -0.21 | 61.97 3.02 -0.03 |
| NYISO_LBMP_REFERENCE 24008 | 48.28 0.00 0.00 | 43.80 0.00 0.00 | 39.33 0.00 0.00 | 39.09 0.00 0.00 | 35.22 0.00 0.00 | 40.53 0.00 0.00 | 39.90 0.00 0.00 | 48.00 0.00 0.00 | 52.78 0.00 0.00 | 56.40 0.00 0.00 | 62.07 0.00 0.00 | 69.91 0.00 0.00 | 83.89 0.00 0.00 | 74.31 0.00 0.00 | 64.35 0.00 0.00 | 48.61 0.00 0.00 | 48.87 0.00 0.00 | 48.44 0.00 0.00 | 50.25 0.00 0.00 | 52.29 0.00 0.00 | 64.54 0.00 0.00 | 70.58 0.00 0.00 | 73.50 0.00 0.00 | 58.92 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 51.44 3.16 0.00 | 47.38 3.58 0.00 | 42.65 3.32 0.00 | 42.21 3.12 0.00 | 37.92 2.70 0.00 | 43.31 2.79 0.00 | 42.33 2.43 0.00 | 50.35 2.34 0.00 | 55.08 2.30 0.00 | 57.19 2.40 1.61 | 65.01 2.94 0.00 | 73.41 3.50 0.00 | 88.22 4.44 0.11 | 79.17 4.87 0.00 | 70.18 5.70 -0.13 | 81.24 4.94 -27.69 | 98.13 5.26 -44.00 | 116.80 5.03 -63.32 | 100.06 4.64 -45.17 | 101.70 4.52 -44.89 | 114.12 4.81 -44.77 | 100.90 4.78 -25.54 | 77.32 4.22 0.40 | 60.95 2.78 0.75 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| NYPA_GOWANUS____GT5 24156 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.13 3.23 0.00 | 88.31 4.43 0.01 | 78.78 4.47 0.00 | 69.07 4.72 0.00 | 53.10 4.48 0.00 | 53.37 4.50 0.00 | 52.86 4.42 0.00 | 54.26 4.01 0.00 | 56.60 4.31 0.00 | 69.01 4.47 0.00 | 74.55 3.97 0.00 | 77.11 3.61 0.00 | 61.53 2.61 0.00 |
| NYPA_GOWANUS____GT6 24157 | 50.60 2.32 0.00 | 46.47 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.46 2.46 0.00 | 55.03 2.26 0.00 | 58.50 2.10 0.01 | 64.63 2.56 0.01 | 73.13 3.23 0.00 | 88.31 4.43 0.01 | 78.78 4.47 0.00 | 69.07 4.72 0.00 | 53.10 4.48 0.00 | 53.37 4.50 0.00 | 52.86 4.42 0.00 | 54.26 4.01 0.00 | 56.60 4.31 0.00 | 69.01 4.47 0.00 | 74.55 3.97 0.00 | 77.11 3.61 0.00 | 61.53 2.61 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 50.62 2.34 0.00 | 46.47 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.40 2.49 0.00 | 50.53 2.53 0.00 | 55.15 2.38 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.15 3.24 0.00 | 88.40 4.51 -0.01 | 78.87 4.56 -0.01 | 69.12 4.77 -0.01 | 53.15 4.53 0.00 | 53.26 4.39 0.00 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.91 3.42 0.00 | 61.32 2.40 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 50.62 2.34 0.00 | 46.47 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.40 2.49 0.00 | 50.53 2.53 0.00 | 55.15 2.38 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.15 3.24 0.00 | 88.40 4.51 -0.01 | 78.87 4.56 -0.01 | 69.12 4.77 -0.01 | 53.15 4.53 0.00 | 53.26 4.39 0.00 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.91 3.42 0.00 | 61.32 2.40 0.00 |
| NYPA_KENT____GT 24152 | 50.53 2.25 0.00 | 46.41 2.60 0.00 | 41.75 2.42 0.00 | 41.37 2.29 0.00 | 37.22 2.00 0.00 | 42.78 2.25 0.00 | 42.34 2.44 0.00 | 50.48 2.48 0.00 | 55.08 2.30 0.00 | 58.53 2.13 0.01 | 64.61 2.54 0.01 | 73.10 3.20 0.00 | 88.30 4.42 0.01 | 78.78 4.47 0.00 | 69.05 4.70 0.00 | 53.09 4.48 0.00 | 53.32 4.46 0.00 | 52.80 4.36 0.00 | 54.18 3.94 0.00 | 56.51 4.22 0.00 | 68.89 4.35 0.00 | 74.42 3.83 0.00 | 76.96 3.47 0.00 | 61.38 2.46 0.00 |
| NYPA_POUCH1____GT 24155 | 50.56 2.28 0.00 | 46.46 2.66 0.00 | 41.75 2.42 0.00 | 41.37 2.28 0.00 | 37.21 1.99 0.00 | 42.77 2.25 0.00 | 42.30 2.40 0.00 | 50.36 2.36 0.00 | 54.84 2.06 0.00 | 56.40 1.84 1.84 | 64.36 2.29 0.01 | 72.87 2.97 0.00 | 88.00 4.12 0.01 | 78.49 4.19 0.00 | 68.84 4.50 0.00 | 52.94 4.33 0.00 | 53.21 4.34 0.00 | 52.72 4.28 0.00 | 54.13 3.88 0.00 | 56.52 4.23 0.00 | 68.90 4.36 0.00 | 74.45 3.87 0.00 | 77.01 3.51 0.00 | 61.40 2.48 0.00 |
| NYPA_VERNON____GT2 24162 | 50.45 2.17 0.00 | 46.36 2.56 0.00 | 41.73 2.40 0.00 | 41.36 2.28 0.00 | 37.22 2.01 0.00 | 42.77 2.24 0.00 | 42.33 2.43 0.00 | 50.49 2.49 0.00 | 55.11 2.34 0.00 | 58.55 2.15 0.01 | 64.60 2.54 0.01 | 73.14 3.24 0.00 | 88.37 4.48 0.01 | 78.83 4.52 0.00 | 69.05 4.71 0.00 | 53.11 4.50 0.00 | 53.32 4.45 0.00 | 52.79 4.34 0.00 | 54.15 3.90 0.00 | 56.44 4.16 0.00 | 68.82 4.28 0.00 | 74.32 3.74 0.00 | 76.87 3.37 0.00 | 61.24 2.31 0.00 |
| NYPA_VERNON____GT3 24163 | 50.45 2.17 0.00 | 46.36 2.56 0.00 | 41.73 2.40 0.00 | 41.36 2.28 0.00 | 37.22 2.01 0.00 | 42.77 2.24 0.00 | 42.33 2.43 0.00 | 50.49 2.49 0.00 | 55.11 2.34 0.00 | 58.55 2.15 0.01 | 64.60 2.54 0.01 | 73.14 3.24 0.00 | 88.37 4.48 0.01 | 78.83 4.52 0.00 | 69.05 4.71 0.00 | 53.11 4.50 0.00 | 53.32 4.45 0.00 | 52.79 4.34 0.00 | 54.15 3.90 0.00 | 56.44 4.16 0.00 | 68.82 4.28 0.00 | 74.32 3.74 0.00 | 76.87 3.37 0.00 | 61.24 2.31 0.00 |
| NYPA____ASTORIA_CC1 323568 | 50.35 2.07 0.00 | 46.27 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.38 1.99 0.01 | 64.42 2.36 0.01 | 72.96 3.05 0.00 | 88.12 4.24 0.01 | 78.64 4.33 0.00 | 68.92 4.57 0.00 | 53.02 4.40 0.00 | 53.21 4.34 0.00 | 52.69 4.24 0.00 | 54.03 3.79 0.00 | 56.33 4.04 0.00 | 68.69 4.15 0.00 | 74.20 3.62 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| NYPA____ASTORIA_CC2 323569 | 50.35 2.07 0.00 | 46.27 2.47 0.00 | 41.65 2.32 0.00 | 41.29 2.20 0.00 | 37.16 1.94 0.00 | 42.68 2.16 0.00 | 42.26 2.36 0.00 | 50.40 2.40 0.00 | 54.99 2.21 0.00 | 58.38 1.99 0.01 | 64.42 2.36 0.01 | 72.96 3.05 0.00 | 88.12 4.24 0.01 | 78.64 4.33 0.00 | 68.92 4.57 0.00 | 53.02 4.40 0.00 | 53.21 4.34 0.00 | 52.69 4.24 0.00 | 54.03 3.79 0.00 | 56.33 4.04 0.00 | 68.69 4.15 0.00 | 74.20 3.62 0.00 | 76.72 3.22 0.00 | 61.13 2.21 0.00 |
| NYPA____HOLTSVILL 23794 | 51.08 2.80 0.00 | 47.02 3.22 0.00 | 42.34 3.00 0.00 | 41.89 2.80 0.00 | 37.63 2.41 0.00 | 43.01 2.49 0.00 | 42.05 2.15 0.00 | 50.01 2.00 0.00 | 54.69 1.91 0.00 | 57.24 2.03 1.19 | 64.54 2.46 0.00 | 72.98 3.07 0.00 | 87.62 3.85 0.11 | 78.62 4.32 0.00 | 69.75 5.29 -0.11 | 172.38 4.81 -118.96 | 236.99 4.99 -183.13 | 282.26 4.86 -228.95 | 267.06 4.56 -212.26 | 267.78 4.54 -210.95 | 279.67 4.77 -210.36 | 195.18 4.58 -120.02 | 83.47 3.92 -6.05 | 60.56 2.54 0.90 |
| NYPA____HELLGATE_GT1 24158 | 50.62 2.34 0.00 | 46.47 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.40 2.49 0.00 | 50.53 2.53 0.00 | 55.15 2.38 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.15 3.24 0.00 | 88.40 4.51 -0.01 | 78.87 4.56 -0.01 | 69.12 4.77 -0.01 | 53.15 4.53 0.00 | 53.26 4.39 0.00 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.91 3.42 0.00 | 61.32 2.40 0.00 |
| NYPA____HELLGATE_GT2 24159 | 50.62 2.34 0.00 | 46.47 2.66 0.00 | 41.84 2.51 0.00 | 41.46 2.37 0.00 | 37.29 2.08 0.00 | 42.80 2.28 0.00 | 42.40 2.49 0.00 | 50.53 2.53 0.00 | 55.15 2.38 0.00 | 58.63 2.23 0.01 | 64.65 2.58 0.01 | 73.15 3.24 0.00 | 88.40 4.51 -0.01 | 78.87 4.56 -0.01 | 69.12 4.77 -0.01 | 53.15 4.53 0.00 | 53.26 4.39 0.00 | 52.72 4.28 0.00 | 54.07 3.82 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.36 3.78 0.00 | 76.91 3.42 0.00 | 61.32 2.40 0.00 |
| NYS_BARGE____HYD 23848 | 47.68 -0.60 0.00 | 42.81 -0.99 0.00 | 38.19 -1.14 0.00 | 37.88 -1.21 0.00 | 33.89 -1.33 0.00 | 39.38 -1.15 0.00 | 38.22 -1.69 0.00 | 46.48 -1.52 0.00 | 51.40 -1.38 0.00 | 56.11 -0.29 0.00 | 61.19 -0.88 0.00 | 68.27 -1.65 0.00 | 82.75 -1.14 0.00 | 72.52 -1.78 0.00 | 62.78 -1.56 0.00 | 47.38 -1.23 0.00 | 45.15 -1.28 2.44 | 43.52 -1.45 3.48 | 48.83 -1.41 0.00 | 51.07 -1.22 0.00 | 62.58 -1.97 0.00 | 68.66 -1.93 0.00 | 71.77 -1.73 0.00 | 58.07 -0.86 0.00 |
| OAK ORCHARD____HYD 24046 | 48.92 0.64 0.00 | 44.07 0.27 0.00 | 39.40 0.07 0.00 | 39.07 -0.02 0.00 | 35.02 -0.20 0.00 | 40.55 0.03 0.00 | 39.65 -0.25 0.00 | 48.15 0.14 0.00 | 53.17 0.39 0.00 | 57.60 1.20 0.00 | 63.16 1.09 0.00 | 71.01 1.10 0.00 | 86.03 2.14 0.00 | 75.86 1.55 0.00 | 65.88 1.54 0.00 | 49.74 1.13 0.00 | 49.85 0.95 -0.04 | 49.26 0.77 -0.04 | 51.14 0.90 0.00 | 53.27 0.98 0.00 | 65.30 0.76 0.00 | 71.55 0.96 0.00 | 74.43 0.93 0.00 | 59.58 0.65 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OAKDALE___35_KV_LOAD 356122 | 48.16 -0.12 0.00 | 43.73 -0.07 0.00 | 39.40 0.07 0.00 | 39.16 0.08 0.00 | 35.16 -0.06 0.00 | 40.54 0.01 0.00 | 39.71 -0.20 0.00 | 47.98 -0.02 0.00 | 52.75 -0.02 0.00 | 56.69 0.28 0.00 | 62.35 0.28 0.00 | 70.27 0.36 0.00 | 84.99 0.98 -0.12 | 75.16 0.80 -0.06 | 65.31 0.96 0.00 | 49.47 0.86 0.00 | 49.69 0.82 0.00 | 49.38 0.93 0.00 | 51.43 1.18 0.00 | 53.53 1.24 0.00 | 65.56 1.02 0.00 | 71.63 0.95 -0.10 | 74.53 0.81 -0.22 | 59.16 0.21 -0.03 |
| OCC_CHEM___DRP 24175 | 47.38 -0.90 0.00 | 42.64 -1.17 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.77 -1.45 0.00 | 39.22 -1.30 0.00 | 38.06 -1.85 0.00 | 46.00 -2.01 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.58 -1.49 0.00 | 67.54 -2.38 0.00 | 81.73 -2.16 0.00 | 71.69 -2.62 0.00 | 61.95 -2.40 0.00 | 46.81 -1.81 0.00 | 44.23 -1.85 2.79 | 42.53 -2.07 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| OH_GEN_PROXY 24063 | 47.33 -0.95 0.00 | 42.58 -1.23 0.00 | 37.64 -1.30 0.39 | 37.73 -1.35 0.00 | 33.75 -1.47 0.00 | 39.19 -1.33 0.00 | 38.07 -1.83 0.00 | 47.07 -1.76 -0.82 | 51.13 -1.65 0.00 | 55.75 -0.66 0.00 | 60.83 -1.25 0.00 | 67.90 -2.01 0.00 | 82.32 -1.57 0.00 | 72.18 -2.13 0.00 | 62.44 -1.91 0.00 | 47.17 -1.45 0.00 | 44.94 -1.50 2.43 | 19.16 -1.71 27.58 | 48.58 -1.66 0.00 | 50.76 -1.53 0.00 | 62.20 -2.35 0.00 | 68.25 -2.33 0.00 | 71.37 -2.13 0.00 | 60.13 -1.31 -2.52 |
| OLIN_CORP_DRP 24177 | 47.17 -1.11 0.00 | 42.36 -1.44 0.00 | 37.81 -1.53 0.00 | 37.50 -1.58 0.00 | 33.54 -1.68 0.00 | 38.99 -1.54 0.00 | 37.79 -2.12 0.00 | 45.92 -2.08 0.00 | 50.77 -2.01 0.00 | 55.45 -0.95 0.00 | 60.48 -1.59 0.00 | 67.47 -2.45 0.00 | 81.73 -2.16 0.00 | 71.67 -2.64 0.00 | 61.94 -2.40 0.00 | 46.83 -1.79 0.00 | 44.26 -1.84 2.76 | 42.55 -2.05 3.84 | 48.18 -2.07 0.00 | 50.35 -1.94 0.00 | 61.69 -2.85 0.00 | 67.74 -2.84 0.00 | 70.89 -2.61 0.00 | 57.49 -1.43 0.00 |
| OLIN_CORP_DSASP 323712 | 47.39 -0.89 0.00 | 42.65 -1.15 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.78 -1.44 0.00 | 39.23 -1.30 0.00 | 38.06 -1.84 0.00 | 46.01 -1.99 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.59 -1.48 0.00 | 67.53 -2.38 0.00 | 81.80 -2.09 0.00 | 71.69 -2.62 0.00 | 61.97 -2.37 0.00 | 46.81 -1.81 0.00 | 44.24 -1.84 2.79 | 42.56 -2.04 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| ONEIDA_HERK_LFGE 323681 | 49.15 0.87 0.00 | 44.50 0.69 0.00 | 39.88 0.55 0.00 | 39.58 0.49 0.00 | 35.60 0.38 0.00 | 41.02 0.50 0.00 | 40.39 0.48 0.00 | 48.70 0.69 0.00 | 53.67 0.90 0.00 | 57.53 1.13 0.00 | 63.23 1.16 0.00 | 71.47 1.56 0.00 | 86.30 2.34 -0.07 | 76.69 2.35 -0.03 | 66.18 1.84 0.00 | 49.90 1.28 0.00 | 50.56 1.69 0.00 | 50.42 1.97 0.00 | 52.14 1.89 0.00 | 54.28 1.99 0.00 | 67.12 2.58 0.00 | 73.62 2.98 -0.05 | 76.93 3.31 -0.12 | 61.29 2.36 -0.01 |
| ONEIDA___115KV_TB4 55905 | 49.65 1.38 0.00 | 45.01 1.21 0.00 | 40.41 1.07 0.00 | 40.09 1.01 0.00 | 36.07 0.85 0.00 | 41.57 1.05 0.00 | 40.90 1.00 0.00 | 49.29 1.29 0.00 | 54.01 1.23 0.00 | 57.61 1.21 0.00 | 63.28 1.21 0.00 | 71.36 1.45 0.00 | 86.31 2.33 -0.09 | 76.57 2.22 -0.04 | 66.40 2.05 0.00 | 50.28 1.67 0.00 | 50.82 1.95 0.00 | 50.71 2.27 0.00 | 52.52 2.27 0.00 | 54.56 2.27 0.00 | 67.19 2.65 0.00 | 73.47 2.81 -0.08 | 76.95 3.29 -0.17 | 61.20 2.26 -0.02 |
| ONONDAGA_REF_OCCRA 23987 | 49.33 0.15 -0.91 | 44.44 0.07 -0.57 | 39.83 0.08 -0.41 | 39.52 0.04 -0.40 | 35.21 -0.05 -0.04 | 40.98 0.00 -0.45 | 40.26 -0.08 -0.44 | 48.82 0.05 -0.76 | 53.74 0.06 -0.91 | 57.82 0.30 -1.12 | 63.68 0.35 -1.26 | 71.91 0.51 -1.49 | 86.52 1.10 -1.54 | 75.33 0.93 -0.09 | 65.40 1.05 0.00 | 49.50 0.89 0.00 | 49.71 0.84 0.00 | 49.26 0.81 0.00 | 51.17 0.92 0.00 | 53.25 0.96 0.00 | 65.46 0.92 0.00 | 71.62 0.87 -0.17 | 74.62 0.75 -0.37 | 59.27 0.30 -0.05 |
| ONONDAGA___COGEN 23986 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| ONTARIO___LFGE 23819 | 50.05 0.65 -1.12 | 44.89 0.39 -0.70 | 40.12 0.28 -0.51 | 39.81 0.23 -0.49 | 35.32 0.06 -0.05 | 41.35 0.27 -0.55 | 40.52 0.09 -0.54 | 49.51 0.54 -0.96 | 54.49 0.56 -1.15 | 58.91 1.09 -1.41 | 64.65 1.02 -1.56 | 72.75 1.00 -1.83 | 87.55 1.92 -1.75 | 76.04 1.69 -0.05 | 66.08 1.74 0.00 | 50.10 1.49 0.00 | 52.11 1.43 -1.82 | 52.39 1.44 -2.51 | 52.07 1.82 0.00 | 54.32 2.04 0.00 | 66.55 2.01 0.00 | 72.78 2.11 -0.09 | 75.55 1.85 -0.20 | 60.02 1.07 -0.02 |
| ORANGEVILLE_WT_PWR 323706 | 47.07 -1.21 0.00 | 42.30 -1.50 0.00 | 37.80 -1.53 0.00 | 37.52 -1.56 0.00 | 33.61 -1.61 0.00 | 39.01 -1.51 0.00 | 38.02 -1.88 0.00 | 46.18 -1.82 0.00 | 50.98 -1.81 0.00 | 55.42 -0.99 0.00 | 60.54 -1.53 0.00 | 67.81 -2.10 0.00 | 82.59 -1.29 0.00 | 72.25 -2.05 0.00 | 62.85 -1.49 0.00 | 47.64 -0.98 0.00 | 33.37 -1.33 14.17 | 27.50 -1.49 19.46 | 49.38 -0.87 0.00 | 52.12 -0.17 0.00 | 64.08 -0.46 0.00 | 70.46 -0.12 0.00 | 73.38 -0.12 0.00 | 58.80 -0.13 0.00 |
| ORANGEVILLE___ESR 323794 | 47.07 -1.21 0.00 | 42.30 -1.50 0.00 | 37.80 -1.53 0.00 | 37.52 -1.56 0.00 | 33.61 -1.61 0.00 | 39.01 -1.51 0.00 | 38.02 -1.88 0.00 | 46.18 -1.82 0.00 | 50.98 -1.81 0.00 | 55.42 -0.99 0.00 | 60.54 -1.53 0.00 | 67.81 -2.10 0.00 | 82.59 -1.29 0.00 | 72.25 -2.05 0.00 | 62.85 -1.49 0.00 | 47.64 -0.98 0.00 | 33.37 -1.33 14.17 | 27.50 -1.49 19.46 | 49.38 -0.87 0.00 | 52.12 -0.17 0.00 | 64.08 -0.46 0.00 | 70.46 -0.12 0.00 | 73.38 -0.12 0.00 | 58.80 -0.13 0.00 |
| OSWEGATCHIE___HYD 24044 | 49.95 0.55 -1.12 | 44.73 0.23 -0.70 | 39.75 -0.09 -0.51 | 39.50 -0.09 -0.50 | 35.07 -0.19 -0.05 | 40.99 -0.09 -0.56 | 40.46 0.02 -0.54 | 48.96 0.02 -0.93 | 53.88 -0.02 -1.12 | 58.07 0.28 -1.38 | 63.83 0.20 -1.56 | 72.17 0.42 -1.83 | 86.17 0.55 -1.74 | 75.12 0.77 -0.04 | 64.14 -0.20 0.00 | 47.69 -0.92 0.00 | 48.25 -0.62 0.00 | 48.16 -0.28 0.00 | 49.69 -0.56 0.00 | 51.96 -0.33 0.00 | 65.12 0.58 0.00 | 71.97 1.31 -0.08 | 75.62 1.95 -0.18 | 60.82 1.88 -0.02 |
| OSWEGO___5 23606 | 65.38 -0.89 -17.99 | 54.29 -0.85 -11.34 | 46.76 -0.75 -8.18 | 46.29 -0.78 -7.98 | 35.19 -0.76 -0.73 | 48.64 -0.82 -8.94 | 47.64 -0.88 -8.62 | 61.94 -0.98 -14.91 | 69.43 -1.06 -17.71 | 77.52 -0.98 -22.10 | 86.03 -1.10 -25.06 | 98.24 -1.20 -29.52 | 110.43 -1.12 -27.67 | 73.84 -1.07 -0.61 | 63.60 -0.74 0.00 | 48.09 -0.53 0.00 | 48.31 -0.55 0.00 | 47.88 -0.57 0.00 | 49.70 -0.55 0.00 | 51.75 -0.54 0.00 | 63.68 -0.86 -0.01 | 70.68 -1.00 -1.10 | 74.74 -1.16 -2.41 | 58.12 -1.10 -0.29 |
| OSWEGO___6 23613 | 65.38 -0.89 -17.99 | 54.29 -0.85 -11.34 | 46.76 -0.75 -8.18 | 46.29 -0.78 -7.98 | 35.19 -0.76 -0.73 | 48.64 -0.82 -8.94 | 47.64 -0.88 -8.62 | 61.94 -0.98 -14.91 | 69.43 -1.06 -17.71 | 77.52 -0.98 -22.10 | 86.03 -1.10 -25.06 | 98.24 -1.20 -29.52 | 110.43 -1.12 -27.67 | 73.84 -1.07 -0.61 | 63.60 -0.74 0.00 | 48.09 -0.53 0.00 | 48.31 -0.55 0.00 | 47.88 -0.57 0.00 | 49.70 -0.55 0.00 | 51.75 -0.54 0.00 | 63.68 -0.86 -0.01 | 70.68 -1.00 -1.10 | 74.74 -1.16 -2.41 | 58.12 -1.10 -0.29 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 48.17 -0.11 0.00 | 43.28 -0.52 0.00 | 38.63 -0.70 0.00 | 38.31 -0.77 0.00 | 34.26 -0.96 0.00 | 39.83 -0.69 0.00 | 38.68 -1.23 0.00 | 47.00 -1.00 0.00 | 52.03 -0.75 0.00 | 56.87 0.47 0.00 | 62.06 -0.01 0.00 | 69.13 -0.78 0.00 | 83.60 -0.29 0.00 | 73.39 -0.91 0.00 | 63.50 -0.85 0.00 | 48.00 -0.61 0.00 | 45.29 -0.67 2.90 | 43.59 -0.82 4.04 | 49.49 -0.76 0.00 | 51.71 -0.57 0.00 | 63.18 -1.36 0.00 | 69.23 -1.35 0.00 | 72.51 -0.99 0.00 | 58.69 -0.23 0.00 |
| OXBOW___BTM 323836 | 47.82 -0.46 0.00 | 43.00 -0.80 0.00 | 38.38 -0.96 0.00 | 38.07 -1.02 0.00 | 34.04 -1.18 0.00 | 39.55 -0.98 0.00 | 38.39 -1.51 0.00 | 46.55 -1.46 0.00 | 51.49 -1.28 0.00 | 56.27 -0.13 0.00 | 61.40 -0.67 0.00 | 68.43 -1.48 0.00 | 82.60 -1.29 0.00 | 72.45 -1.86 0.00 | 62.66 -1.68 0.00 | 47.33 -1.28 0.00 | 44.72 -1.31 2.84 | 43.03 -1.48 3.93 | 48.71 -1.54 0.00 | 50.90 -1.39 0.00 | 62.14 -2.40 0.00 | 68.12 -2.46 0.00 | 71.49 -2.01 0.00 | 58.06 -0.86 0.00 |
| OXBOW___ 24026 | 47.82 -0.46 0.00 | 43.00 -0.81 0.00 | 38.37 -0.96 0.00 | 38.06 -1.02 0.00 | 34.04 -1.18 0.00 | 39.55 -0.98 0.00 | 38.39 -1.51 0.00 | 46.54 -1.47 0.00 | 51.49 -1.29 0.00 | 56.27 -0.13 0.00 | 61.41 -0.66 0.00 | 68.44 -1.48 0.00 | 82.54 -1.35 0.00 | 72.44 -1.87 0.00 | 62.65 -1.70 0.00 | 47.33 -1.28 0.00 | 44.71 -1.32 2.84 | 43.00 -1.51 3.93 | 48.71 -1.53 0.00 | 50.90 -1.39 0.00 | 62.14 -2.40 0.00 | 68.13 -2.46 0.00 | 71.49 -2.01 0.00 | 58.05 -0.87 0.00 |
| OXY_CHEM_DSASP 323612 | 47.38 -0.90 0.00 | 42.64 -1.17 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.77 -1.45 0.00 | 39.22 -1.30 0.00 | 38.06 -1.85 0.00 | 46.00 -2.01 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.58 -1.49 0.00 | 67.54 -2.38 0.00 | 81.73 -2.16 0.00 | 71.69 -2.62 0.00 | 61.95 -2.40 0.00 | 46.81 -1.81 0.00 | 44.23 -1.85 2.79 | 42.53 -2.07 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| OZONE_PARK_ESR 323760 | 51.18 2.90 0.00 | 46.87 3.06 0.00 | 42.21 2.87 0.00 | 41.83 2.75 0.00 | 37.62 2.41 0.00 | 43.24 2.71 0.00 | 42.70 2.80 0.00 | 51.09 3.08 0.00 | 55.95 3.17 0.00 | 59.57 3.17 0.00 | 65.73 3.67 0.00 | 74.48 4.57 0.00 | 90.05 6.16 0.00 | 80.31 6.00 0.00 | 70.27 5.93 0.00 | 53.83 5.21 0.00 | 54.03 5.16 0.00 | 53.45 5.01 0.00 | 54.96 4.72 0.00 | 57.25 4.97 0.00 | 69.87 5.33 0.00 | 75.46 4.88 0.00 | 77.96 4.46 0.00 | 62.01 3.08 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 47.38 -0.90 0.00 | 42.64 -1.17 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.77 -1.45 0.00 | 39.22 -1.30 0.00 | 38.06 -1.85 0.00 | 46.00 -2.01 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.58 -1.49 0.00 | 67.54 -2.38 0.00 | 81.73 -2.16 0.00 | 71.69 -2.62 0.00 | 61.95 -2.40 0.00 | 46.81 -1.81 0.00 | 44.23 -1.85 2.79 | 42.53 -2.07 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 47.38 -0.90 0.00 | 42.64 -1.17 0.00 | 38.07 -1.26 0.00 | 37.77 -1.31 0.00 | 33.77 -1.45 0.00 | 39.22 -1.30 0.00 | 38.06 -1.85 0.00 | 46.00 -2.01 0.00 | 50.85 -1.93 0.00 | 55.52 -0.88 0.00 | 60.58 -1.49 0.00 | 67.54 -2.38 0.00 | 81.73 -2.16 0.00 | 71.69 -2.62 0.00 | 61.95 -2.40 0.00 | 46.81 -1.81 0.00 | 44.23 -1.85 2.79 | 42.53 -2.07 3.84 | 48.08 -2.17 0.00 | 50.24 -2.05 0.00 | 61.33 -3.21 0.00 | 67.22 -3.36 0.00 | 70.45 -3.04 0.00 | 57.33 -1.60 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 50.52 2.24 0.00 | 46.41 2.60 0.00 | 41.77 2.44 0.00 | 41.40 2.32 0.00 | 37.25 2.03 0.00 | 42.76 2.24 0.00 | 42.34 2.43 0.00 | 50.47 2.47 0.00 | 55.10 2.32 0.00 | 58.60 2.19 0.00 | 64.71 2.64 0.00 | 73.26 3.34 0.00 | 88.53 4.64 -0.01 | 78.93 4.63 0.00 | 69.19 4.84 0.00 | 53.19 4.58 0.00 | 53.30 4.43 0.00 | 52.77 4.32 0.00 | 54.12 3.87 0.00 | 56.47 4.18 0.00 | 68.89 4.35 0.00 | 74.43 3.85 0.00 | 76.98 3.48 0.00 | 61.34 2.42 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 52.21 3.93 0.00 | 47.91 4.11 0.00 | 43.15 3.82 0.00 | 42.80 3.71 0.00 | 38.53 3.31 0.00 | 44.28 3.76 0.00 | 43.83 3.93 0.00 | 52.26 4.26 0.00 | 56.98 4.20 0.00 | 60.63 4.22 0.00 | 66.89 4.82 0.00 | 75.71 5.80 0.00 | 91.57 7.67 -0.01 | 81.58 7.27 0.00 | 71.46 7.12 0.00 | 55.02 6.41 0.00 | 55.10 6.24 0.00 | 54.42 5.97 0.00 | 55.86 5.61 0.00 | 58.21 5.92 0.00 | 71.04 6.50 0.00 | 76.82 6.24 0.00 | 79.46 5.97 0.00 | 63.31 4.39 0.00 |
| PATROON___115KV_TB1 80586 | 48.89 0.61 0.00 | 44.66 0.86 0.00 | 40.34 1.01 0.00 | 40.05 0.96 0.00 | 36.03 0.81 0.00 | 41.36 0.84 0.00 | 40.68 0.77 0.00 | 48.69 0.69 0.00 | 53.62 0.84 0.00 | 57.31 0.91 0.00 | 62.93 0.86 0.00 | 70.86 0.94 0.00 | 85.39 1.51 0.00 | 75.88 1.57 0.00 | 66.23 1.88 0.00 | 50.17 1.55 0.00 | 50.45 1.58 0.00 | 50.08 1.63 0.00 | 51.95 1.70 0.00 | 54.01 1.73 0.00 | 66.42 1.88 0.00 | 72.04 1.47 0.00 | 74.81 1.32 0.00 | 59.63 0.71 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 50.01 1.73 0.00 | 45.45 1.65 0.00 | 40.91 1.58 0.00 | 40.60 1.52 0.00 | 36.54 1.32 0.00 | 42.04 1.51 0.00 | 41.28 1.38 0.00 | 49.42 1.41 0.00 | 54.24 1.46 0.00 | 57.91 1.51 0.00 | 63.47 1.41 0.00 | 71.18 1.27 0.00 | 86.02 2.13 0.00 | 76.16 1.86 0.00 | 66.21 1.87 0.00 | 50.17 1.56 0.00 | 50.50 1.63 0.00 | 50.09 1.64 0.00 | 52.55 2.30 0.00 | 55.00 2.72 0.00 | 67.76 3.21 0.00 | 73.76 3.17 0.00 | 76.61 3.11 0.00 | 61.13 2.21 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 47.89 -0.39 0.00 | 43.09 -0.72 0.00 | 38.50 -0.83 0.00 | 38.19 -0.89 0.00 | 34.15 -1.07 0.00 | 39.67 -0.85 0.00 | 38.60 -1.30 0.00 | 47.11 -0.89 0.00 | 52.21 -0.57 0.00 | 56.95 0.55 0.00 | 62.25 0.18 0.00 | 69.57 -0.34 0.00 | 84.44 0.56 0.00 | 74.13 -0.18 0.00 | 64.26 -0.09 0.00 | 48.61 0.00 0.00 | 45.89 0.05 3.03 | 44.28 0.00 4.17 | 50.46 0.21 0.00 | 52.69 0.40 0.00 | 64.47 -0.07 0.00 | 70.52 -0.06 0.00 | 73.33 -0.16 0.00 | 58.78 -0.15 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 50.78 2.50 0.00 | 46.39 2.58 0.00 | 41.79 2.46 0.00 | 41.44 2.35 0.00 | 37.26 2.04 0.00 | 42.79 2.26 0.00 | 42.19 2.29 0.00 | 50.60 2.59 0.00 | 55.55 2.78 0.00 | 59.28 2.87 0.00 | 65.71 3.64 0.00 | 74.08 4.17 0.00 | 89.57 5.68 0.00 | 79.83 5.53 0.00 | 69.95 5.61 0.00 | 53.40 4.79 0.00 | 53.73 4.86 0.00 | 53.23 4.78 0.00 | 54.92 4.68 0.00 | 57.10 4.81 0.00 | 69.74 5.20 0.00 | 75.31 4.73 0.00 | 77.84 4.34 0.00 | 61.79 2.87 0.00 |
| PEEKSKILL___ 23653 | 50.21 1.93 0.00 | 45.95 2.15 0.00 | 41.39 2.06 0.00 | 41.06 1.97 0.00 | 36.91 1.70 0.00 | 42.40 1.88 0.00 | 41.79 1.89 0.00 | 50.00 2.00 0.00 | 54.81 2.03 0.00 | 58.41 2.00 0.00 | 64.46 2.39 0.00 | 72.97 3.06 0.00 | 88.16 4.27 0.00 | 78.56 4.26 0.00 | 68.77 4.43 0.00 | 52.51 3.90 0.00 | 52.80 3.93 0.00 | 52.28 3.84 0.00 | 53.91 3.66 0.00 | 56.12 3.83 0.00 | 68.53 3.99 0.00 | 74.04 3.46 0.00 | 76.62 3.12 0.00 | 60.90 1.98 0.00 |
| PGE MADISON___WINDPWR 24146 | 50.44 2.16 0.00 | 45.63 1.82 0.00 | 41.20 1.87 0.00 | 41.10 2.02 0.00 | 37.07 1.85 0.00 | 42.85 2.32 0.00 | 42.16 2.26 0.00 | 51.26 3.26 0.00 | 56.37 3.59 0.00 | 60.42 4.02 0.00 | 66.65 4.58 0.00 | 74.99 5.08 0.00 | 91.06 7.04 -0.13 | 80.34 5.97 -0.06 | 69.64 5.29 0.00 | 52.80 4.19 0.00 | 53.92 4.42 -0.63 | 53.60 4.29 -0.86 | 56.09 5.84 0.00 | 57.67 5.38 0.00 | 70.91 6.37 0.00 | 78.19 7.50 -0.11 | 80.85 7.12 -0.23 | 63.68 4.73 -0.03 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 48.98 0.71 0.00 | 44.14 0.34 0.00 | 39.30 -0.03 0.00 | 39.12 0.04 0.00 | 35.16 -0.06 0.00 | 40.61 0.09 0.00 | 40.20 0.30 0.00 | 48.33 0.33 0.00 | 52.59 -0.19 0.00 | 56.21 -0.19 0.00 | 61.87 -0.21 0.00 | 69.47 -0.44 0.00 | 82.91 -1.03 -0.05 | 73.52 -0.81 -0.02 | 62.52 -1.82 0.00 | 46.47 -2.15 0.00 | 46.75 -2.12 0.00 | 46.41 -2.04 0.00 | 47.99 -2.26 0.00 | 50.08 -2.20 0.00 | 62.93 -1.61 0.00 | 69.59 -1.03 -0.04 | 73.23 -0.35 -0.09 | 59.58 0.64 -0.01 |
| PINELAWN_CC_1 323563 | 51.26 2.98 0.00 | 47.14 3.33 0.00 | 42.42 3.09 0.00 | 41.98 2.89 0.00 | 37.71 2.49 0.00 | 43.14 2.61 0.00 | 42.21 2.30 0.00 | 50.28 2.28 0.00 | 55.02 2.24 0.00 | 58.06 2.29 0.63 | 64.89 2.82 0.00 | 73.42 3.51 0.00 | 88.30 4.51 0.10 | 79.27 4.96 0.00 | 70.24 5.64 -0.26 | 64.41 5.04 -10.76 | 72.25 5.24 -18.15 | 81.52 5.10 -27.97 | 69.19 4.85 -14.09 | 71.08 4.80 -14.00 | 83.58 5.08 -13.96 | 83.42 4.87 -7.96 | 78.23 4.15 -0.58 | 61.62 2.70 0.00 |
| PJM_GEN_HTTP_PROXY 323702 | 50.54 2.26 0.00 | 46.48 2.51 -0.17 | 39.66 2.39 2.07 | 41.38 2.29 0.00 | 37.22 2.00 0.00 | 42.74 2.22 0.00 | 42.21 2.30 0.00 | 53.18 2.47 -2.71 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.92 2.85 0.00 | 73.52 3.61 0.00 | 88.91 5.03 0.00 | 79.38 4.99 -0.09 | 66.56 4.99 2.78 | 53.10 4.48 0.00 | 53.33 4.46 0.00 | 52.42 4.30 0.31 | 54.27 4.02 0.00 | 56.51 4.22 0.00 | 68.93 4.39 0.00 | 74.41 3.83 0.00 | 76.98 3.48 0.00 | 61.23 2.31 0.00 |
| PJM_GEN_KEystone 24065 | 48.44 0.16 0.00 | 44.27 0.30 -0.17 | 37.56 0.29 2.07 | 39.36 0.27 0.00 | 35.30 0.08 0.00 | 40.72 0.19 0.00 | 39.90 0.00 0.00 | 50.84 0.13 -2.71 | 52.87 0.09 0.00 | 56.69 0.42 0.13 | 62.47 0.40 0.00 | 70.42 0.51 0.00 | 85.18 1.29 0.00 | 75.51 1.12 -0.09 | 62.97 1.41 2.78 | 50.00 1.39 0.00 | 49.65 1.38 0.60 | 48.68 1.37 1.14 | 51.65 1.41 0.00 | 53.89 1.61 0.00 | 65.76 1.22 0.00 | 71.42 0.84 0.00 | 78.44 0.69 -4.25 | 58.70 0.09 0.30 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 50.62 2.34 0.00 | 46.68 2.70 -0.17 | 39.80 2.53 2.07 | 41.45 2.36 0.00 | 37.25 2.03 0.00 | 42.62 2.10 0.00 | 41.78 1.87 0.00 | 52.48 1.77 -2.71 | 54.48 1.70 0.00 | 58.09 1.68 0.00 | 64.18 2.11 0.00 | 72.64 2.73 0.00 | 87.51 3.77 0.14 | 78.57 4.18 -0.09 | 66.36 4.77 2.76 | 55.84 4.29 -2.93 | 59.58 4.42 -6.29 | 65.51 4.30 -12.77 | 54.22 3.98 0.00 | 56.26 3.97 0.00 | 68.62 4.08 0.00 | 74.32 3.75 0.00 | 72.18 3.10 4.42 | 59.45 2.00 1.48 |
| PJM_GEN_VFT_PROXY 323633 | 50.30 2.02 0.00 | 46.29 2.31 -0.17 | 39.48 2.21 2.07 | 41.18 2.10 0.00 | 37.05 1.83 0.00 | 42.56 2.03 0.00 | 42.03 2.13 0.00 | 52.95 2.23 -2.71 | 54.95 2.18 0.00 | 56.61 2.06 1.85 | 64.49 2.43 0.01 | 73.05 3.14 0.00 | 88.28 4.39 0.00 | 78.82 4.43 -0.09 | 66.16 4.59 2.78 | 52.83 4.22 0.00 | 53.02 4.15 0.00 | 52.15 4.02 0.31 | 53.93 3.68 0.00 | 56.19 3.90 0.00 | 68.51 3.97 0.00 | 73.95 3.37 0.00 | 76.48 2.99 0.00 | 60.86 1.94 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 48.10 -0.18 0.00 | 43.36 -0.44 0.00 | 38.44 -0.90 0.00 | 38.50 -0.58 0.00 | 34.96 -0.26 0.00 | 40.57 0.05 0.00 | 39.82 -0.08 0.00 | 48.19 0.19 0.00 | 52.51 -0.27 0.00 | 56.00 -0.40 0.00 | 61.10 -0.97 0.00 | 68.37 -1.54 0.00 | 82.20 -1.69 0.00 | 72.70 -1.61 0.00 | 62.72 -1.63 0.00 | 46.69 -1.93 0.00 | 47.25 -1.62 0.00 | 46.85 -1.60 0.00 | 48.52 -1.73 0.00 | 50.44 -1.85 0.00 | 62.56 -1.98 0.00 | 68.86 -1.72 0.00 | 71.92 -1.58 0.00 | 58.20 -0.72 0.00 |
| PLEASANTVLY___LBMP 24000 | 49.88 1.60 0.00 | 45.64 1.84 0.00 | 41.16 1.82 0.00 | 40.83 1.74 0.00 | 36.71 1.49 0.00 | 42.14 1.62 0.00 | 41.53 1.63 0.00 | 49.70 1.70 0.00 | 54.53 1.75 0.00 | 58.12 1.71 0.00 | 64.06 1.99 0.00 | 72.43 2.53 0.00 | 87.46 3.57 0.00 | 77.90 3.60 0.00 | 68.18 4.59 0.00 | 51.99 3.37 0.00 | 52.26 3.40 0.00 | 51.77 3.33 0.00 | 53.44 3.20 0.00 | 55.58 3.29 0.00 | 68.00 3.46 0.00 | 73.50 2.92 0.00 | 76.11 2.62 0.00 | 60.56 1.63 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 50.40 2.12 0.00 | 46.13 2.33 0.00 | 41.56 2.23 0.00 | 41.22 2.14 0.00 | 37.07 1.85 0.00 | 42.56 2.04 0.00 | 41.97 2.06 0.00 | 50.24 2.23 0.00 | 55.07 2.29 0.00 | 58.68 2.28 0.00 | 64.73 2.66 0.00 | 73.26 3.35 0.00 | 88.54 4.65 0.00 | 78.92 4.62 0.00 | 69.09 4.74 0.00 | 52.74 4.13 0.00 | 53.04 4.17 0.00 | 52.49 4.05 0.00 | 54.13 3.88 0.00 | 56.29 4.00 0.00 | 68.79 4.25 0.00 | 74.28 3.70 0.00 | 76.85 3.36 0.00 | 61.12 2.19 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 50.40 2.12 0.00 | 46.13 2.33 0.00 | 41.56 2.23 0.00 | 41.22 2.14 0.00 | 37.07 1.85 0.00 | 42.56 2.04 0.00 | 41.97 2.06 0.00 | 50.24 2.23 0.00 | 55.07 2.29 0.00 | 58.68 2.28 0.00 | 64.73 2.66 0.00 | 73.26 3.35 0.00 | 88.54 4.65 0.00 | 78.92 4.62 0.00 | 69.09 4.74 0.00 | 52.74 4.13 0.00 | 53.04 4.17 0.00 | 52.49 4.05 0.00 | 54.13 3.88 0.00 | 56.29 4.00 0.00 | 68.79 4.25 0.00 | 74.28 3.70 0.00 | 76.85 3.36 0.00 | 61.12 2.19 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 50.42 2.14 0.00 | 46.05 2.25 0.00 | 41.52 2.19 0.00 | 41.17 2.09 0.00 | 37.02 1.80 0.00 | 42.50 1.98 0.00 | 41.90 1.99 0.00 | 50.25 2.25 0.00 | 55.20 2.42 0.00 | 58.87 2.47 0.00 | 64.93 2.86 0.00 | 73.48 3.57 0.00 | 88.80 4.92 0.00 | 79.14 4.83 0.00 | 69.34 5.00 0.00 | 52.89 4.27 0.00 | 53.23 4.36 0.00 | 52.76 4.31 0.00 | 54.49 4.24 0.00 | 56.65 4.36 0.00 | 69.24 4.70 0.00 | 74.77 4.19 0.00 | 77.28 3.79 0.00 | 61.40 2.47 0.00 |
| POLETTI_____ 23519 | 50.49 2.22 0.00 | 46.28 2.47 0.00 | 41.69 2.36 0.00 | 41.33 2.25 0.00 | 37.18 1.96 0.00 | 42.71 2.19 0.00 | 42.18 2.28 0.00 | 50.44 2.44 0.00 | 55.22 2.44 0.00 | 58.77 2.37 0.00 | 64.83 2.76 0.00 | 73.42 3.51 0.00 | 88.75 4.87 0.00 | 79.15 4.85 0.00 | 69.26 4.92 0.00 | 53.04 4.43 0.00 | 53.25 4.39 0.00 | 52.67 4.23 0.00 | 54.16 3.91 0.00 | 56.41 4.12 0.00 | 68.82 4.28 0.00 | 74.31 3.73 0.00 | 76.86 3.36 0.00 | 61.17 2.25 0.00 |
| POMONA___ESR 323819 | 50.24 1.96 0.00 | 45.94 2.14 0.00 | 41.37 2.04 0.00 | 41.04 1.96 0.00 | 36.91 1.69 0.00 | 42.39 1.87 0.00 | 41.76 1.86 0.00 | 49.99 1.99 0.00 | 54.80 2.02 0.00 | 58.42 2.02 0.00 | 64.54 2.47 0.00 | 73.13 3.22 0.00 | 88.32 4.43 0.00 | 78.71 4.40 0.00 | 68.91 4.56 0.00 | 52.60 3.99 0.00 | 52.90 4.03 0.00 | 52.39 3.94 0.00 | 54.02 3.77 0.00 | 56.25 3.96 0.00 | 68.64 4.10 0.00 | 74.14 3.56 0.00 | 76.73 3.24 0.00 | 60.95 2.02 0.00 |
| PORT_JEFF_3 23555 | 51.16 2.88 0.00 | 47.08 3.27 0.00 | 42.38 3.04 0.00 | 41.92 2.84 0.00 | 37.67 2.45 0.00 | 43.05 2.53 0.00 | 42.09 2.19 0.00 | 50.06 2.06 0.00 | 54.70 1.92 0.00 | 57.07 1.97 1.31 | 64.50 2.43 0.00 | 72.86 2.95 0.00 | 87.32 3.55 0.11 | 78.37 4.06 0.00 | 69.55 5.10 -0.11 | 177.23 4.67 -123.95 | 244.46 4.86 -190.73 | 291.33 4.72 -238.16 | 276.07 4.43 -221.39 | 276.70 4.39 -220.02 | 288.53 4.58 -219.41 | 200.12 4.36 -125.18 | 83.64 3.69 -6.46 | 60.49 2.46 0.90 |
| PORT_JEFF_4 23616 | 51.16 2.88 0.00 | 47.08 3.27 0.00 | 42.38 3.04 0.00 | 41.92 2.84 0.00 | 37.67 2.45 0.00 | 43.05 2.53 0.00 | 42.09 2.19 0.00 | 50.06 2.06 0.00 | 54.70 1.92 0.00 | 57.07 1.97 1.31 | 64.50 2.43 0.00 | 72.86 2.95 0.00 | 87.32 3.55 0.11 | 78.37 4.06 0.00 | 69.55 5.10 -0.11 | 177.23 4.67 -123.95 | 244.46 4.86 -190.73 | 291.33 4.72 -238.16 | 276.07 4.43 -221.39 | 276.70 4.39 -220.02 | 288.53 4.58 -219.41 | 200.12 4.36 -125.18 | 83.64 3.69 -6.46 | 60.49 2.46 0.90 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|-------------------------|
| PORT_JEFF_IC 23713 | 51.27 2.99 0.00 | 47.18 3.37 0.00 | 42.47 3.13 0.00 | 42.01 2.92 0.00 | 37.74 2.52 0.00 | 43.13 2.60 0.00 | 42.17 2.27 0.00 | 50.18 2.18 0.00 | 54.84 2.06 0.00 | 56.86 2.17 1.72 | 64.71 2.64 0.00 | 73.12 3.21 0.00 | 87.41 3.64 0.11 | 78.39 4.09 0.00 | 69.60 5.14 -0.12 | 195.82 4.75 -142.45 | 272.77 4.95 -218.95 | 325.54 4.79 -272.30 | 310.04 4.52 -255.27 | 310.42 4.45 -253.69 | 322.15 4.63 -252.99 | 219.32 4.40 -144.34 | 85.21 3.78 -7.93 | 60.73 2.67 0.87 |
| PPL PILGRIM_ST_GT1 24216 | 51.44 3.16 0.00 | 47.38 3.58 0.00 | 42.65 3.32 0.00 | 42.21 3.12 0.00 | 37.92 2.70 0.00 | 43.31 2.79 0.00 | 42.33 2.43 0.00 | 50.35 2.34 0.00 | 55.08 2.30 0.00 | 57.19 2.40 1.61 | 65.01 2.94 0.00 | 73.41 3.50 0.00 | 88.22 4.44 0.11 | 79.17 4.87 0.00 | 70.18 5.70 -0.13 | 81.24 4.94 -27.69 | 98.13 5.26 -44.00 | 116.80 5.03 -63.32 | 100.06 4.64 -45.17 | 101.70 4.52 -44.89 | 114.12 4.81 -44.77 | 100.90 4.78 -25.54 | 77.32 4.22 0.40 | 60.95 2.78 0.75 |
| PPL PILGRIM_ST_GT2 24217 | 51.44 3.16 0.00 | 47.38 3.58 0.00 | 42.65 3.32 0.00 | 42.21 3.12 0.00 | 37.92 2.70 0.00 | 43.31 2.79 0.00 | 42.33 2.43 0.00 | 50.35 2.34 0.00 | 55.08 2.30 0.00 | 57.19 2.40 1.61 | 65.01 2.94 0.00 | 73.41 3.50 0.00 | 88.22 4.44 0.11 | 79.17 4.87 0.00 | 70.18 5.70 -0.13 | 81.24 4.94 -27.69 | 98.13 5.26 -44.00 | 116.80 5.03 -63.32 | 100.06 4.64 -45.17 | 101.70 4.52 -44.89 | 114.12 4.81 -44.77 | 100.90 4.78 -25.54 | 77.32 4.22 0.40 | 60.95 2.78 0.75 |
| PPL_SHRM_GT3 24213 | 51.01 2.73 0.00 | 46.91 3.11 0.00 | 42.22 2.89 0.00 | 41.76 2.67 0.00 | 37.52 2.30 0.00 | 42.89 2.36 0.00 | 41.97 2.07 0.00 | 49.95 1.94 0.00 | 54.69 1.92 0.00 | 57.13 2.12 1.40 | 64.58 2.51 0.00 | 73.03 3.12 0.00 | 87.51 3.74 0.11 | 78.48 4.17 0.00 | 69.84 5.38 -0.11 | 180.16 5.02 -126.52 | 248.69 5.16 -194.66 | 296.62 5.24 -242.93 | 281.54 5.20 -226.10 | 282.13 5.14 -224.70 | 294.14 5.53 -224.08 | 203.76 5.33 -127.85 | 84.81 4.62 -6.69 | 61.03 2.99 0.88 |
| PPL_SHRM_GT4 24214 | 51.01 2.73 0.00 | 46.91 3.11 0.00 | 42.22 2.89 0.00 | 41.76 2.67 0.00 | 37.52 2.30 0.00 | 42.89 2.36 0.00 | 41.97 2.07 0.00 | 49.95 1.94 0.00 | 54.69 1.92 0.00 | 57.13 2.12 1.40 | 64.58 2.51 0.00 | 73.03 3.12 0.00 | 87.51 3.74 0.11 | 78.48 4.17 0.00 | 69.84 5.38 -0.11 | 180.16 5.02 -126.52 | 248.69 5.16 -194.66 | 296.62 5.24 -242.93 | 281.54 5.20 -226.10 | 282.13 5.14 -224.70 | 294.14 5.53 -224.08 | 203.76 5.33 -127.85 | 84.81 4.62 -6.69 | 61.03 2.99 0.88 |
| PROJECT___ORANGE 1 24174 | 48.86 -0.12 -0.71 | 44.08 -0.17 -0.45 | 39.52 -0.14 -0.32 | 39.21 -0.19 -0.32 | 34.99 -0.25 -0.03 | 40.64 -0.23 -0.35 | 39.94 -0.30 -0.34 | 48.38 -0.22 -0.60 | 53.28 -0.21 -0.72 | 57.34 0.05 -0.88 | 63.15 0.09 -0.99 | 71.29 0.21 -1.17 | 85.82 0.72 -1.21 | 75.01 0.62 -0.08 | 65.13 0.78 0.00 | 49.27 0.66 0.00 | 49.45 0.58 0.00 | 48.96 0.52 0.00 | 50.82 0.57 0.00 | 52.88 0.59 0.00 | 65.02 0.48 0.00 | 71.12 0.39 -0.14 | 74.02 0.21 -0.31 | 58.87 -0.09 -0.04 |
| PROJECT___ORANGE 2 24166 | 48.86 -0.12 -0.71 | 44.08 -0.17 -0.45 | 39.52 -0.14 -0.32 | 39.21 -0.19 -0.32 | 34.99 -0.25 -0.03 | 40.64 -0.23 -0.35 | 39.94 -0.30 -0.34 | 48.38 -0.22 -0.60 | 53.28 -0.21 -0.72 | 57.34 0.05 -0.88 | 63.15 0.09 -0.99 | 71.29 0.21 -1.17 | 85.82 0.72 -1.21 | 75.01 0.62 -0.08 | 65.13 0.78 0.00 | 49.27 0.66 0.00 | 49.45 0.58 0.00 | 48.96 0.52 0.00 | 50.82 0.57 0.00 | 52.88 0.59 0.00 | 65.02 0.48 0.00 | 71.12 0.39 -0.14 | 74.02 0.21 -0.31 | 58.87 -0.09 -0.04 |
| PUCKETT___SOLAR 323809 | 48.64 0.36 0.00 | 44.11 0.30 0.00 | 39.82 0.49 0.00 | 39.64 0.55 0.00 | 35.67 0.45 0.00 | 41.12 0.60 0.00 | 40.28 0.37 0.00 | 48.70 0.70 0.00 | 53.54 0.76 0.00 | 57.47 1.06 0.00 | 63.04 0.97 0.00 | 70.95 1.04 0.00 | 86.05 2.05 -0.12 | 75.96 1.60 -0.05 | 66.05 1.70 0.00 | 50.06 1.44 0.00 | 50.29 1.42 0.00 | 50.07 1.62 0.00 | 52.59 2.35 0.00 | 54.47 2.18 0.00 | 66.85 2.31 0.00 | 73.00 2.33 -0.10 | 75.82 2.10 -0.22 | 60.25 1.30 -0.03 |
| PYRITES___HYD 24023 | 49.96 1.68 0.00 | 45.01 1.21 0.00 | 40.06 0.72 0.00 | 39.85 0.76 0.00 | 35.90 0.68 0.00 | 41.52 0.99 0.00 | 41.11 1.21 0.00 | 49.40 1.40 0.00 | 53.58 0.80 0.00 | 57.18 0.78 0.00 | 63.10 1.03 0.00 | 70.91 1.00 0.00 | 84.33 0.44 0.00 | 74.89 0.58 0.00 | 63.69 -0.66 0.00 | 47.62 -1.00 0.00 | 47.91 -0.95 0.00 | 47.54 -0.91 0.00 | 49.15 -1.10 0.00 | 51.60 -0.69 0.00 | 64.83 0.29 0.00 | 71.58 0.99 0.00 | 75.03 1.54 0.00 | 60.88 1.96 0.00 |
| QUAKERRD_115KV_BK1 80622 | 47.84 -0.44 0.00 | 43.13 -0.67 0.00 | 38.58 -0.75 0.00 | 38.27 -0.82 0.00 | 34.33 -0.89 0.00 | 39.71 -0.82 0.00 | 38.89 -1.02 0.00 | 47.13 -0.87 0.00 | 52.03 -0.75 0.00 | 56.30 -0.11 0.00 | 61.77 -0.30 0.00 | 69.49 -0.42 0.00 | 84.08 0.19 0.00 | 74.23 -0.08 0.00 | 64.44 0.10 0.00 | 48.71 0.09 0.00 | 48.79 -0.10 -0.02 | 48.25 -0.22 -0.02 | 50.09 -0.16 0.00 | 52.15 -0.14 0.00 | 63.97 -0.57 0.00 | 70.00 -0.58 0.00 | 72.78 -0.71 0.00 | 58.24 -0.68 0.00 |
| QUENSBRY_115KV_TB8 356137 | 50.94 2.66 0.00 | 46.34 2.53 0.00 | 41.68 2.35 0.00 | 41.31 2.23 0.00 | 37.13 1.91 0.00 | 42.66 2.14 0.00 | 41.90 1.99 0.00 | 50.34 2.34 0.00 | 55.40 2.62 0.00 | 59.27 2.86 0.00 | 64.70 2.62 0.00 | 72.64 2.73 0.00 | 87.54 3.65 0.00 | 77.94 3.63 0.00 | 67.95 3.61 0.00 | 51.76 3.14 0.00 | 52.14 3.27 0.00 | 51.80 3.35 0.00 | 54.42 4.17 0.00 | 56.75 4.46 0.00 | 69.88 5.34 0.00 | 75.50 4.92 0.00 | 78.10 4.60 0.00 | 62.36 3.44 0.00 |
| RAMAPO___LBMP 323565 | 49.98 1.70 0.00 | 45.71 1.92 0.00 | 41.17 1.84 0.00 | 40.84 1.76 0.00 | 36.72 1.51 0.00 | 42.19 1.67 0.00 | 41.57 1.67 0.00 | 49.74 1.74 0.00 | 54.53 1.75 0.00 | 58.10 1.70 0.00 | 64.17 2.10 0.00 | 72.67 2.77 0.00 | 87.74 3.86 0.00 | 78.17 3.86 0.00 | 68.41 4.07 0.00 | 52.19 3.58 0.00 | 52.47 3.60 0.00 | 51.98 3.54 0.00 | 53.63 3.38 0.00 | 55.87 3.59 0.00 | 68.21 3.67 0.00 | 73.69 3.11 0.00 | 76.30 2.80 0.00 | 60.61 1.69 0.00 |
| RANKINE____ 23646 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.24 -0.84 0.00 | 34.18 -1.04 0.00 | 39.72 -0.80 0.00 | 38.64 -1.27 0.00 | 47.10 -0.91 0.00 | 52.18 -0.60 0.00 | 56.93 0.53 0.00 | 62.22 0.15 0.00 | 69.50 -0.41 0.00 | 84.36 0.47 0.00 | 73.97 -0.34 0.00 | 64.08 -0.26 0.00 | 48.49 -0.13 3.51 | 45.20 -0.16 4.83 | 43.34 -0.28 0.00 | 50.20 -0.05 0.00 | 52.53 0.24 0.00 | 64.30 -0.24 0.00 | 70.45 -0.14 0.00 | 73.42 -0.08 0.00 | 58.99 0.06 0.00 |
| RAVENSWOOD_GT2_1 24244 | 50.56 2.28 0.00 | 46.33 2.52 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.22 2.00 0.00 | 42.76 2.24 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.46 0.00 | 58.78 2.38 0.00 | 64.90 2.83 0.00 | 73.48 3.57 0.00 | 88.79 4.90 0.00 | 79.17 4.86 0.00 | 69.29 4.94 0.00 | 53.06 4.44 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.38 3.80 0.00 | 77.00 3.50 0.00 | 61.24 2.32 0.00 |
| RAVENSWOOD_GT2_2 24245 | 50.56 2.28 0.00 | 46.33 2.52 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.22 2.00 0.00 | 42.76 2.24 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.46 0.00 | 58.78 2.38 0.00 | 64.90 2.83 0.00 | 73.48 3.57 0.00 | 88.79 4.90 0.00 | 79.17 4.86 0.00 | 69.29 4.94 0.00 | 53.06 4.44 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.38 3.80 0.00 | 77.00 3.50 0.00 | 61.24 2.32 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_3 24246 | 50.59 2.31 0.00 | 46.36 2.55 0.00 | 41.76 2.43 0.00 | 41.41 2.33 0.00 | 37.25 2.03 0.00 | 42.79 2.27 0.00 | 42.25 2.35 0.00 | 50.50 2.50 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.95 2.87 0.00 | 73.54 3.63 0.00 | 88.86 4.97 0.00 | 79.23 4.93 0.00 | 69.34 5.00 0.00 | 53.10 4.48 0.00 | 53.32 4.45 0.00 | 52.75 4.31 0.00 | 54.25 4.00 0.00 | 56.50 4.21 0.00 | 68.93 4.39 0.00 | 74.45 3.87 0.00 | 77.04 3.55 0.00 | 61.30 2.38 0.00 |
| RAVENSWOOD_GT2_4 24247 | 50.59 2.31 0.00 | 46.36 2.55 0.00 | 41.76 2.43 0.00 | 41.41 2.33 0.00 | 37.25 2.03 0.00 | 42.79 2.27 0.00 | 42.25 2.35 0.00 | 50.50 2.50 0.00 | 55.28 2.50 0.00 | 58.83 2.42 0.00 | 64.95 2.87 0.00 | 73.54 3.63 0.00 | 88.86 4.97 0.00 | 79.23 4.93 0.00 | 69.34 5.00 0.00 | 53.10 4.48 0.00 | 53.32 4.45 0.00 | 52.75 4.31 0.00 | 54.25 4.00 0.00 | 56.50 4.21 0.00 | 68.93 4.39 0.00 | 74.45 3.87 0.00 | 77.04 3.55 0.00 | 61.30 2.38 0.00 |
| RAVENSWOOD_GT3_1 24248 | 50.56 2.28 0.00 | 46.33 2.52 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.22 2.00 0.00 | 42.77 2.24 0.00 | 42.22 2.31 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.78 2.38 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.17 4.87 0.00 | 69.29 4.95 0.00 | 53.06 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.25 2.33 0.00 |
| RAVENSWOOD_GT3_2 24249 | 50.56 2.28 0.00 | 46.33 2.52 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.22 2.00 0.00 | 42.77 2.24 0.00 | 42.22 2.31 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.78 2.38 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.17 4.87 0.00 | 69.29 4.95 0.00 | 53.06 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.25 2.33 0.00 |
| RAVENSWOOD_GT3_3 24250 | 50.66 2.39 0.00 | 46.41 2.61 0.00 | 41.83 2.50 0.00 | 41.46 2.38 0.00 | 37.29 2.07 0.00 | 42.85 2.33 0.00 | 42.30 2.40 0.00 | 50.57 2.57 0.00 | 55.36 2.58 0.00 | 58.94 2.54 0.00 | 65.07 3.00 0.00 | 73.68 3.77 0.00 | 89.03 5.14 0.00 | 79.38 5.08 0.00 | 69.47 5.13 0.00 | 53.20 4.58 0.00 | 53.42 4.55 0.00 | 52.84 4.39 0.00 | 54.33 4.08 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.59 4.01 0.00 | 77.17 3.67 0.00 | 61.41 2.48 0.00 |
| RAVENSWOOD_GT3_4 24251 | 50.66 2.39 0.00 | 46.41 2.61 0.00 | 41.83 2.50 0.00 | 41.46 2.38 0.00 | 37.29 2.07 0.00 | 42.85 2.33 0.00 | 42.30 2.40 0.00 | 50.57 2.57 0.00 | 55.36 2.58 0.00 | 58.94 2.54 0.00 | 65.07 3.00 0.00 | 73.68 3.77 0.00 | 89.03 5.14 0.00 | 79.38 5.08 0.00 | 69.47 5.13 0.00 | 53.20 4.58 0.00 | 53.42 4.55 0.00 | 52.84 4.39 0.00 | 54.33 4.08 0.00 | 56.60 4.31 0.00 | 69.05 4.51 0.00 | 74.59 4.01 0.00 | 77.17 3.67 0.00 | 61.41 2.48 0.00 |
| RAVENSWOOD_GT_1 23729 | 50.45 2.17 0.00 | 46.36 2.56 0.00 | 41.73 2.40 0.00 | 41.36 2.28 0.00 | 37.23 2.01 0.00 | 42.76 2.24 0.00 | 42.33 2.43 0.00 | 50.50 2.49 0.00 | 55.11 2.34 0.00 | 58.56 2.16 0.00 | 64.61 2.54 0.00 | 73.14 3.23 0.00 | 88.37 4.49 0.00 | 78.83 4.52 0.00 | 69.06 4.72 0.00 | 53.09 4.48 0.00 | 53.30 4.43 0.00 | 52.79 4.35 0.00 | 54.15 3.90 0.00 | 56.45 4.16 0.00 | 68.82 4.28 0.00 | 74.31 3.73 0.00 | 76.87 3.37 0.00 | 61.24 2.32 0.00 |
| RAVENSWOOD_GT_10 24258 | 50.57 2.29 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.31 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.47 0.00 | 58.80 2.40 0.00 | 64.92 2.84 0.00 | 73.50 3.59 0.00 | 88.82 4.93 0.00 | 79.19 4.89 0.00 | 69.31 4.97 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.72 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.89 4.35 0.00 | 74.40 3.82 0.00 | 77.00 3.50 0.00 | 61.26 2.34 0.00 |
| RAVENSWOOD_GT_11 24259 | 50.57 2.29 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.31 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.47 0.00 | 58.80 2.40 0.00 | 64.92 2.84 0.00 | 73.50 3.59 0.00 | 88.82 4.93 0.00 | 79.19 4.89 0.00 | 69.31 4.97 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.72 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.89 4.35 0.00 | 74.40 3.82 0.00 | 77.00 3.50 0.00 | 61.26 2.34 0.00 |
| RAVENSWOOD_GT_4 24252 | 50.56 2.28 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.32 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.79 2.39 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.19 4.88 0.00 | 69.30 4.95 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.26 2.33 0.00 |
| RAVENSWOOD_GT_5 24254 | 50.56 2.28 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.32 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.79 2.39 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.19 4.88 0.00 | 69.30 4.95 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.26 2.33 0.00 |
| RAVENSWOOD_GT_6 24253 | 50.56 2.28 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.32 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.79 2.39 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.19 4.88 0.00 | 69.30 4.95 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.26 2.33 0.00 |
| RAVENSWOOD_GT_7 24255 | 50.56 2.28 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.32 0.00 | 50.47 2.46 0.00 | 55.24 2.46 0.00 | 58.79 2.39 0.00 | 64.90 2.83 0.00 | 73.50 3.59 0.00 | 88.81 4.92 0.00 | 79.19 4.88 0.00 | 69.30 4.95 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.71 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.26 2.33 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 50.57 2.29 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.31 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.47 0.00 | 58.80 2.40 0.00 | 64.92 2.84 0.00 | 73.50 3.59 0.00 | 88.82 4.93 0.00 | 79.19 4.89 0.00 | 69.31 4.97 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.72 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.89 4.35 0.00 | 74.40 3.82 0.00 | 77.00 3.50 0.00 | 61.26 2.34 0.00 |
| RAVENSWOOD_GT_9 24257 | 50.57 2.29 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.31 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.31 0.00 | 50.46 2.46 0.00 | 55.24 2.47 0.00 | 58.80 2.40 0.00 | 64.92 2.84 0.00 | 73.50 3.59 0.00 | 88.82 4.93 0.00 | 79.19 4.89 0.00 | 69.31 4.97 0.00 | 53.07 4.45 0.00 | 53.28 4.41 0.00 | 52.72 4.27 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.89 4.35 0.00 | 74.40 3.82 0.00 | 77.00 3.50 0.00 | 61.26 2.34 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 50.39 2.11 0.00 | 46.32 2.51 0.00 | 41.68 2.35 0.00 | 41.32 2.23 0.00 | 37.19 1.97 0.00 | 42.72 2.19 0.00 | 42.29 2.39 0.00 | 50.44 2.44 0.00 | 55.05 2.27 0.00 | 58.46 2.06 0.01 | 64.52 2.45 0.01 | 73.03 3.13 0.00 | 88.22 4.34 0.01 | 78.71 4.41 0.00 | 68.98 4.64 0.00 | 53.06 4.45 0.00 | 53.27 4.40 0.00 | 52.75 4.31 0.00 | 54.10 3.86 0.00 | 56.41 4.12 0.00 | 68.77 4.23 0.00 | 74.29 3.71 0.00 | 76.82 3.32 0.00 | 61.21 2.29 0.00 |
| RAVENSWOOD___2 23534 | 50.11 1.83 0.00 | 46.20 2.40 0.00 | 41.59 2.25 0.00 | 41.21 2.13 0.00 | 37.10 1.89 0.00 | 42.62 2.10 0.00 | 42.20 2.30 0.00 | 50.28 2.28 0.00 | 54.76 1.98 0.00 | 57.99 1.59 0.01 | 63.94 1.87 0.01 | 72.40 2.49 0.00 | 87.45 3.57 0.01 | 78.04 3.74 0.00 | 68.42 4.07 0.00 | 52.81 4.19 0.00 | 53.07 4.20 0.00 | 52.61 4.16 0.00 | 53.91 3.66 0.00 | 56.35 4.06 0.00 | 68.74 4.20 0.00 | 74.23 3.65 0.00 | 76.77 3.28 0.00 | 61.16 2.24 0.00 |
| RAVENSWOOD___3 23535 | 50.56 2.28 0.00 | 46.33 2.53 0.00 | 41.75 2.42 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.77 2.25 0.00 | 42.22 2.32 0.00 | 50.46 2.46 0.00 | 55.24 2.46 0.00 | 58.79 2.39 0.00 | 64.91 2.84 0.00 | 73.50 3.58 0.00 | 88.79 4.90 0.00 | 79.18 4.88 0.00 | 69.30 4.95 0.00 | 53.06 4.45 0.00 | 53.29 4.42 0.00 | 52.70 4.26 0.00 | 54.21 3.96 0.00 | 56.46 4.17 0.00 | 68.88 4.34 0.00 | 74.39 3.81 0.00 | 77.00 3.50 0.00 | 61.26 2.33 0.00 |
| RAVENSWOOD___4 23820 | 50.32 2.05 0.00 | 46.27 2.46 0.00 | 41.64 2.31 0.00 | 41.28 2.19 0.00 | 37.15 1.94 0.00 | 42.68 2.15 0.00 | 42.26 2.36 0.00 | 50.40 2.39 0.00 | 54.96 2.18 0.00 | 58.37 1.97 0.01 | 64.42 2.35 0.01 | 72.93 3.03 0.00 | 88.12 4.23 0.01 | 78.61 4.30 0.00 | 68.90 4.55 0.00 | 53.02 4.40 0.00 | 53.22 4.35 0.00 | 52.71 4.27 0.00 | 54.06 3.81 0.00 | 56.38 4.09 0.00 | 68.74 4.20 0.00 | 74.23 3.65 0.00 | 76.77 3.28 0.00 | 61.18 2.26 0.00 |
| RCPL_TRUST___DRP 24196 | 50.67 2.39 0.00 | 46.44 2.64 0.00 | 41.84 2.51 0.00 | 41.48 2.39 0.00 | 37.31 2.09 0.00 | 42.87 2.35 0.00 | 42.34 2.43 0.00 | 50.65 2.64 0.00 | 55.46 2.68 0.00 | 59.03 2.63 0.00 | 65.11 3.04 0.00 | 73.74 3.83 0.00 | 89.20 5.31 0.00 | 79.53 5.23 0.00 | 69.51 5.17 0.00 | 53.20 4.59 0.00 | 53.42 4.56 0.00 | 52.84 4.40 0.00 | 54.36 4.11 0.00 | 56.61 4.32 0.00 | 69.04 4.50 0.00 | 74.52 3.94 0.00 | 77.08 3.58 0.00 | 61.30 2.38 0.00 |
| RED___ROCHESTER 323720 | 49.50 1.22 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.15 0.00 | 40.94 0.42 0.00 | 40.05 0.15 0.00 | 48.66 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.96 1.89 0.00 | 71.99 2.08 0.00 | 87.28 3.40 0.00 | 77.00 2.69 0.00 | 66.93 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.07 1.59 -0.03 | 51.96 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| REGAN___SOLAR 323812 | 51.60 3.32 0.00 | 46.69 2.89 0.00 | 41.89 2.56 0.00 | 41.58 2.49 0.00 | 37.42 2.20 0.00 | 43.14 2.62 0.00 | 42.33 2.43 0.00 | 50.73 2.73 0.00 | 55.42 2.64 0.00 | 58.99 2.58 0.00 | 63.60 1.53 0.00 | 71.39 1.48 0.00 | 86.49 2.60 0.00 | 76.10 1.80 0.00 | 66.28 1.94 0.00 | 50.20 1.59 0.00 | 50.34 1.48 0.00 | 50.45 2.00 0.00 | 54.26 4.01 0.00 | 57.11 4.82 0.00 | 70.35 5.80 0.00 | 76.69 6.11 0.00 | 79.54 6.04 0.00 | 63.38 4.46 0.00 |
| RENSSELAER___COGEN 23796 | 48.39 0.11 0.00 | 44.26 0.46 0.00 | 40.02 0.68 0.00 | 39.71 0.63 0.00 | 35.74 0.52 0.00 | 41.01 0.49 0.00 | 40.33 0.42 0.00 | 48.24 0.24 0.00 | 53.11 0.33 0.00 | 56.73 0.32 0.00 | 62.25 0.18 0.00 | 70.03 0.12 0.00 | 84.36 0.47 0.00 | 74.90 0.59 0.00 | 65.37 1.02 0.00 | 49.45 0.84 0.00 | 49.74 0.87 0.00 | 49.39 0.95 0.00 | 51.24 0.99 0.00 | 53.29 1.00 0.00 | 65.54 1.01 0.00 | 71.13 0.55 0.00 | 73.92 0.42 0.00 | 58.93 0.01 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 53.42 5.14 0.00 | 48.36 4.55 0.00 | 43.22 3.89 0.00 | 42.77 3.69 0.00 | 38.36 3.14 0.00 | 44.09 3.56 0.00 | 43.34 3.44 0.00 | 52.19 4.19 0.00 | 57.31 4.53 0.00 | 61.23 4.83 0.00 | 66.95 4.88 0.00 | 74.69 4.78 0.00 | 90.17 6.29 0.00 | 80.08 5.78 0.00 | 69.98 5.64 0.00 | 53.84 5.22 0.00 | 53.57 4.70 0.00 | 53.07 4.62 0.00 | 56.26 6.01 0.00 | 58.95 6.66 0.00 | 72.38 7.84 0.00 | 78.17 7.59 0.00 | 80.81 7.31 0.00 | 64.88 5.95 0.00 |
| REVERE_CPPR_DRP 24186 | 50.10 1.82 0.00 | 45.38 1.58 0.00 | 40.70 1.37 0.00 | 40.37 1.28 0.00 | 36.32 1.10 0.00 | 41.87 1.35 0.00 | 41.21 1.31 0.00 | 49.74 1.73 0.00 | 54.54 1.76 0.00 | 58.26 1.85 0.00 | 64.08 2.01 0.00 | 72.30 2.39 0.00 | 87.53 3.55 -0.09 | 77.78 3.44 -0.04 | 67.25 2.91 0.00 | 50.92 2.30 0.00 | 51.68 2.81 0.00 | 51.52 3.08 0.00 | 53.30 3.05 0.00 | 55.36 3.08 0.00 | 68.26 3.72 0.00 | 74.66 4.01 -0.07 | 78.13 4.48 -0.16 | 62.05 3.11 -0.02 |
| REYNLDPA_13_KV_LD 356490 | 48.58 0.30 0.00 | 43.84 0.03 0.00 | 39.13 -0.20 0.00 | 38.98 -0.11 0.00 | 35.20 -0.02 0.00 | 40.58 0.06 0.00 | 40.05 0.15 0.00 | 48.40 0.39 0.00 | 53.13 0.36 0.00 | 56.70 0.30 0.00 | 62.36 0.29 0.00 | 70.02 0.11 0.00 | 83.50 -0.39 0.00 | 73.89 -0.41 0.00 | 63.33 -1.01 0.00 | 47.50 -1.12 0.00 | 47.39 -1.48 0.00 | 46.93 -1.52 0.00 | 48.62 -1.62 0.00 | 50.56 -1.73 0.00 | 62.88 -1.66 0.00 | 69.91 -0.67 0.00 | 73.21 -0.28 0.00 | 59.19 0.26 0.00 |
| REYNOLDS_115KV_TB3 80639 | 48.90 0.62 0.00 | 44.70 0.90 0.00 | 40.38 1.05 0.00 | 40.09 1.01 0.00 | 36.07 0.85 0.00 | 41.39 0.86 0.00 | 40.70 0.79 0.00 | 48.64 0.63 0.00 | 53.59 0.81 0.00 | 57.23 0.82 0.00 | 62.79 0.72 0.00 | 70.70 0.79 0.00 | 85.21 1.32 0.00 | 75.70 1.40 0.00 | 66.10 1.76 0.00 | 50.05 1.43 0.00 | 50.32 1.45 0.00 | 49.93 1.49 0.00 | 51.80 1.56 0.00 | 53.83 1.54 0.00 | 66.22 1.68 0.00 | 71.80 1.22 0.00 | 74.61 1.11 0.00 | 59.54 0.62 0.00 |
| RIVERBAY____ 323610 | 52.21 3.93 0.00 | 47.91 4.11 0.00 | 43.15 3.82 0.00 | 42.80 3.71 0.00 | 38.53 3.31 0.00 | 44.28 3.76 0.00 | 43.83 3.93 0.00 | 52.26 4.26 0.00 | 56.98 4.20 0.00 | 60.63 4.22 0.00 | 66.89 4.82 0.00 | 75.71 5.80 0.00 | 91.57 7.67 -0.01 | 81.58 7.27 0.00 | 71.46 7.12 0.00 | 55.02 6.41 0.00 | 55.10 6.24 0.00 | 54.42 5.97 0.00 | 55.86 5.61 0.00 | 58.21 5.92 0.00 | 71.04 6.50 0.00 | 76.82 6.24 0.00 | 79.46 5.97 0.00 | 63.31 4.39 0.00 |
| RIVERSDE_115KV_TB3 55908 | 48.76 0.48 0.00 | 44.58 0.77 0.00 | 40.28 0.94 0.00 | 39.98 0.90 0.00 | 35.96 0.75 0.00 | 41.28 0.76 0.00 | 40.59 0.69 0.00 | 48.55 0.55 0.00 | 53.48 0.71 0.00 | 57.13 0.73 0.00 | 62.72 0.65 0.00 | 70.60 0.69 0.00 | 85.09 1.20 0.00 | 75.60 1.30 0.00 | 65.99 1.65 0.00 | 49.97 1.36 0.00 | 50.24 1.37 0.00 | 49.86 1.42 0.00 | 51.73 1.49 0.00 | 53.78 1.49 0.00 | 66.14 1.60 0.00 | 71.73 1.15 0.00 | 74.53 1.03 0.00 | 59.42 0.50 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 47.43 -0.85 0.00 | 42.99 -0.81 0.00 | 38.56 -0.78 0.00 | 38.40 -0.68 0.00 | 34.63 -0.58 0.00 | 39.87 -0.66 0.00 | 39.25 -0.66 0.00 | 47.38 -0.63 0.00 | 52.23 -0.55 0.00 | 55.89 -0.51 0.00 | 61.55 -0.52 0.00 | 69.33 -0.58 0.00 | 83.22 -0.66 0.00 | 73.66 -0.64 0.00 | 63.76 -0.59 0.00 | 48.09 -0.52 0.00 | 48.38 -0.49 0.00 | 47.96 -0.48 0.00 | 49.70 -0.55 0.00 | 51.72 -0.57 0.00 | 63.97 -0.57 0.00 | 70.12 -0.46 0.00 | 73.28 -0.22 0.00 | 58.86 -0.06 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 48.63 0.35 0.00 | 43.82 0.02 0.00 | 39.19 -0.15 0.00 | 38.86 -0.22 0.00 | 34.84 -0.38 0.00 | 40.34 -0.18 0.00 | 39.44 -0.47 0.00 | 47.85 -0.15 0.00 | 52.85 0.08 0.00 | 57.25 0.85 0.00 | 62.76 0.69 0.00 | 70.51 0.60 0.00 | 85.38 1.49 0.00 | 75.28 0.97 0.00 | 65.36 1.01 0.00 | 49.36 0.75 0.00 | 49.46 0.56 -0.03 | 48.86 0.39 -0.03 | 50.75 0.51 0.00 | 52.87 0.58 0.00 | 64.83 0.29 0.00 | 71.04 0.46 0.00 | 73.95 0.45 0.00 | 59.23 0.30 0.00 |
| ROCHESTER_9_IC 23652 | 49.06 0.78 0.00 | 44.20 0.40 0.00 | 39.50 0.17 0.00 | 39.16 0.08 0.00 | 35.10 -0.12 0.00 | 40.65 0.12 0.00 | 39.76 -0.15 0.00 | 48.26 0.26 0.00 | 53.33 0.55 0.00 | 57.80 1.39 0.00 | 63.37 1.30 0.00 | 71.26 1.35 0.00 | 86.32 2.43 0.00 | 76.16 1.85 0.00 | 66.15 1.80 0.00 | 49.96 1.34 0.00 | 50.06 1.16 -0.03 | 49.46 0.98 -0.03 | 51.36 1.11 0.00 | 53.47 1.18 0.00 | 65.54 1.00 0.00 | 71.78 1.19 0.00 | 74.66 1.16 0.00 | 59.74 0.82 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 50.78 2.50 0.00 | 46.46 2.66 0.00 | 41.85 2.53 0.00 | 41.50 2.41 0.00 | 37.32 2.10 0.00 | 42.86 2.34 0.00 | 42.25 2.35 0.00 | 50.58 2.57 0.00 | 55.42 2.64 0.00 | 59.05 2.64 0.00 | 65.15 3.08 0.00 | 73.75 3.84 0.00 | 89.16 5.27 0.00 | 79.50 5.19 0.00 | 69.61 5.27 0.00 | 53.18 4.57 0.00 | 53.46 4.59 0.00 | 52.92 4.47 0.00 | 54.55 4.31 0.00 | 56.72 4.43 0.00 | 69.23 4.69 0.00 | 74.79 4.21 0.00 | 77.36 3.86 0.00 | 61.47 2.55 0.00 |
| ROME____115KV_TB2 80656 | 50.10 1.82 0.00 | 45.38 1.58 0.00 | 40.70 1.37 0.00 | 40.37 1.28 0.00 | 36.32 1.10 0.00 | 41.87 1.35 0.00 | 41.21 1.31 0.00 | 49.74 1.73 0.00 | 54.54 1.76 0.00 | 58.26 1.85 0.00 | 64.08 2.01 0.00 | 72.30 2.39 0.00 | 87.53 3.55 -0.09 | 77.78 3.44 -0.04 | 67.25 2.91 0.00 | 50.92 2.30 0.00 | 51.68 2.81 0.00 | 51.52 3.08 0.00 | 53.30 3.05 0.00 | 55.36 3.08 0.00 | 68.26 3.72 0.00 | 74.66 4.01 -0.07 | 78.13 4.48 -0.16 | 62.05 3.11 -0.02 |
| ROSETON___1 23587 | 49.80 1.52 0.00 | 45.55 1.74 0.00 | 41.07 1.74 0.00 | 40.74 1.65 0.00 | 36.63 1.42 0.00 | 42.07 1.54 0.00 | 41.43 1.53 0.00 | 49.60 1.60 0.00 | 54.42 1.64 0.00 | 57.95 1.54 0.00 | 63.91 1.84 0.00 | 72.27 2.35 0.00 | 87.25 3.36 0.00 | 77.72 3.41 0.00 | 67.98 3.64 0.00 | 51.82 3.21 0.00 | 52.11 3.24 0.00 | 51.62 3.18 0.00 | 53.28 3.03 0.00 | 55.44 3.15 0.00 | 67.80 3.26 0.00 | 73.33 2.75 0.00 | 75.94 2.44 0.00 | 60.43 1.51 0.00 |
| ROSETON___2 23588 | 49.80 1.52 0.00 | 45.55 1.74 0.00 | 41.07 1.74 0.00 | 40.74 1.65 0.00 | 36.63 1.42 0.00 | 42.07 1.54 0.00 | 41.43 1.53 0.00 | 49.60 1.60 0.00 | 54.42 1.64 0.00 | 57.95 1.54 0.00 | 63.91 1.84 0.00 | 72.27 2.35 0.00 | 87.25 3.36 0.00 | 77.72 3.41 0.00 | 67.98 3.64 0.00 | 51.82 3.21 0.00 | 52.11 3.24 0.00 | 51.62 3.18 0.00 | 53.28 3.03 0.00 | 55.44 3.15 0.00 | 67.80 3.26 0.00 | 73.33 2.75 0.00 | 75.94 2.44 0.00 | 60.43 1.51 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 49.51 1.23 0.00 | 45.08 1.28 0.00 | 40.63 1.30 0.00 | 40.33 1.24 0.00 | 36.29 1.07 0.00 | 41.69 1.17 0.00 | 40.98 1.08 0.00 | 49.11 1.10 0.00 | 53.98 1.20 0.00 | 57.67 1.26 0.00 | 63.33 1.26 0.00 | 71.28 1.37 0.00 | 85.90 2.01 0.00 | 76.26 1.95 0.00 | 66.42 2.07 0.00 | 50.32 1.70 0.00 | 50.62 1.75 0.00 | 50.21 1.77 0.00 | 52.27 2.02 0.00 | 54.46 2.18 0.00 | 67.03 2.49 0.00 | 72.87 2.29 0.00 | 75.69 2.20 0.00 | 60.41 1.49 0.00 |
| RUSSELL___1 23602 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| RUSSELL___2 23532 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| RUSSELL___3 23549 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| RUSSELL___4 23556 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| RUSSELL___STATION 23914 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| S SALMON___HYD 24043 | 53.01 -0.09 -4.82 | 46.63 -0.21 -3.04 | 41.23 -0.29 -2.19 | 40.87 -0.35 -2.14 | 35.03 -0.39 -0.19 | 42.53 -0.38 -2.39 | 41.78 -0.43 -2.31 | 51.62 -0.41 -4.02 | 57.27 -0.30 -4.79 | 62.35 0.01 -5.93 | 68.67 -0.11 -6.71 | 77.84 0.02 -7.90 | 91.85 0.53 -7.43 | 75.12 0.64 -0.17 | 64.86 0.51 0.00 | 48.59 -0.03 0.00 | 49.01 0.14 0.00 | 48.76 0.31 0.00 | 50.52 0.28 0.00 | 52.77 0.48 0.00 | 65.45 0.91 0.00 | 72.01 1.12 -0.31 | 75.36 1.18 -0.68 | 59.66 0.66 -0.08 |
| S.PERRY__115KV_TB1 80734 | 48.65 0.37 0.00 | 43.69 -0.11 0.00 | 39.08 -0.26 0.00 | 38.78 -0.30 0.00 | 34.80 -0.42 0.00 | 40.37 -0.15 0.00 | 39.53 -0.38 0.00 | 47.86 -0.14 0.00 | 52.31 -0.47 0.00 | 56.50 0.09 0.00 | 61.92 -0.15 0.00 | 69.58 -0.34 0.00 | 84.76 0.88 0.00 | 73.54 -0.77 0.00 | 63.51 -0.84 0.00 | 48.13 -0.48 0.00 | 60.35 -0.76 -12.25 | 64.08 -1.23 -16.86 | 49.46 0.19 0.00 | 52.48 0.19 0.00 | 65.00 0.46 0.00 | 73.95 3.37 0.00 | 75.99 2.49 0.00 | 60.48 1.55 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 47.86 -0.42 0.00 | 43.04 -0.77 0.00 | 38.42 -0.91 0.00 | 38.12 -0.96 0.00 | 34.08 -1.14 0.00 | 39.59 -0.94 0.00 | 38.47 -1.44 0.00 | 46.81 -1.19 0.00 | 51.82 -0.96 0.00 | 56.56 0.16 0.00 | 61.76 -0.31 0.00 | 68.97 -0.95 0.00 | 83.63 -0.26 0.00 | 73.35 -0.96 0.00 | 63.48 -0.86 0.00 | 48.01 -0.61 0.00 | 45.25 -0.63 2.99 | 43.56 -0.79 4.10 | 49.60 -0.65 0.00 | 51.84 -0.45 0.00 | 63.48 -1.06 0.00 | 69.58 -1.01 0.00 | 72.62 -0.87 0.00 | 58.52 -0.41 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| SAWYER___23_KV_LOAD 55526 | 47.86 -0.42 0.00 | 43.04 -0.77 0.00 | 38.42 -0.91 0.00 | 38.12 -0.96 0.00 | 34.08 -1.14 0.00 | 39.59 -0.94 0.00 | 38.47 -1.44 0.00 | 46.81 -1.19 0.00 | 51.82 -0.96 0.00 | 56.56 0.16 0.00 | 61.76 -0.31 0.00 | 68.97 -0.95 0.00 | 83.63 -0.26 0.00 | 73.35 -0.96 0.00 | 63.48 -0.86 0.00 | 48.01 -0.61 0.00 | 45.25 -0.63 2.99 | 43.56 -0.79 4.10 | 49.60 -0.65 0.00 | 51.84 -0.45 0.00 | 63.48 -1.06 0.00 | 69.58 -1.01 0.00 | 72.62 -0.87 0.00 | 58.52 -0.41 0.00 |
| SELKIRK___I 23801 | 48.22 -0.06 0.00 | 44.65 0.84 0.00 | 40.38 1.05 0.00 | 40.09 1.01 0.00 | 36.08 0.86 0.00 | 41.43 0.90 0.00 | 40.68 0.77 0.00 | 48.66 0.66 0.00 | 53.52 0.74 0.00 | 57.18 0.78 0.00 | 62.67 0.60 0.00 | 70.27 0.36 0.00 | 83.98 0.10 0.00 | 73.88 -0.43 0.00 | 64.32 -0.02 0.00 | 48.64 0.03 0.00 | 48.88 0.01 0.00 | 48.53 0.08 0.00 | 50.44 0.19 0.00 | 52.54 0.25 0.00 | 64.71 0.16 0.00 | 70.37 -0.21 0.00 | 73.13 -0.37 0.00 | 58.37 -0.56 0.00 |
| SELKIRK___II 23799 | 48.44 0.16 0.00 | 44.40 0.60 0.00 | 40.20 0.86 0.00 | 39.90 0.82 0.00 | 35.90 0.68 0.00 | 41.22 0.69 0.00 | 40.51 0.61 0.00 | 48.48 0.47 0.00 | 53.34 0.56 0.00 | 56.96 0.56 0.00 | 62.47 0.40 0.00 | 70.18 0.27 0.00 | 84.50 0.61 0.00 | 74.86 0.56 0.00 | 65.28 0.94 0.00 | 49.26 0.65 0.00 | 49.61 0.74 0.00 | 49.31 0.86 0.00 | 51.14 0.89 0.00 | 53.21 0.92 0.00 | 65.47 0.93 0.00 | 71.10 0.52 0.00 | 73.87 0.38 0.00 | 58.92 0.00 0.00 |
| SENECA OSWGO___HYD 24041 | 55.15 -0.56 -7.43 | 47.90 -0.58 -4.68 | 42.20 -0.51 -3.38 | 41.80 -0.58 -3.29 | 34.94 -0.59 -0.30 | 43.60 -0.61 -3.69 | 42.80 -0.66 -3.56 | 53.47 -0.69 -6.16 | 59.33 -0.78 -7.32 | 64.90 -0.63 -9.12 | 71.74 -0.67 -10.34 | 81.47 -0.62 -12.18 | 94.98 -0.35 -11.44 | 74.23 -0.33 -0.26 | 64.32 -0.03 0.00 | 48.62 0.00 0.00 | 48.82 -0.05 0.00 | 48.36 -0.09 0.00 | 50.20 -0.05 0.00 | 52.25 -0.04 0.00 | 64.24 -0.30 0.00 | 70.66 -0.40 -0.47 | 73.92 -0.61 -1.03 | 58.33 -0.72 -0.12 |
| SENECA___115KV_TB3 355854 | 48.10 -0.18 0.00 | 43.24 -0.56 0.00 | 38.62 -0.71 0.00 | 38.32 -0.77 0.00 | 34.25 -0.97 0.00 | 39.80 -0.72 0.00 | 38.71 -1.19 0.00 | 47.21 -0.80 0.00 | 52.31 -0.47 0.00 | 57.07 0.67 0.00 | 62.37 0.30 0.00 | 69.68 -0.23 0.00 | 84.57 0.68 0.00 | 74.16 -0.15 0.00 | 64.24 -0.10 0.00 | 48.61 0.00 0.00 | 45.33 -0.03 3.51 | 43.48 -0.14 4.83 | 50.34 0.10 0.00 | 52.67 0.38 0.00 | 64.47 -0.08 0.00 | 70.62 0.04 0.00 | 73.60 0.10 0.00 | 59.12 0.20 0.00 |
| SENECA___ENERGY 23797 | 50.70 0.36 -2.07 | 45.24 0.14 -1.30 | 40.30 0.03 -0.94 | 39.99 -0.02 -0.92 | 35.18 -0.13 -0.08 | 41.55 -0.01 -1.03 | 40.77 -0.12 -0.99 | 49.89 0.16 -1.73 | 55.07 0.23 -2.06 | 59.63 0.67 -2.56 | 65.65 0.70 -2.88 | 74.09 0.79 -3.39 | 88.70 1.56 -3.25 | 75.64 1.23 -0.10 | 65.70 1.35 0.00 | 49.77 1.16 0.00 | 50.77 1.07 -0.83 | 50.65 1.06 -1.14 | 51.55 1.31 0.00 | 53.74 1.45 0.00 | 65.90 1.36 0.00 | 72.11 1.35 -0.19 | 75.04 1.13 -0.41 | 59.47 0.49 -0.05 |
| SHOEMAKER___GT 23640 | 49.75 1.47 0.00 | 45.42 1.62 0.00 | 40.95 1.62 0.00 | 40.62 1.54 0.00 | 36.54 1.32 0.00 | 41.97 1.44 0.00 | 41.31 1.41 0.00 | 49.50 1.50 0.00 | 54.33 1.55 0.00 | 57.87 1.47 0.00 | 63.82 1.75 0.00 | 72.20 2.29 0.00 | 87.15 3.27 0.00 | 77.52 3.21 0.00 | 67.72 3.38 0.00 | 51.58 2.96 0.00 | 51.94 3.07 0.00 | 51.43 2.98 0.00 | 53.22 2.98 0.00 | 55.40 3.11 0.00 | 67.87 3.33 0.00 | 73.51 2.93 0.00 | 76.16 2.66 0.00 | 60.57 1.65 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 49.75 1.47 0.00 | 45.41 1.61 0.00 | 40.93 1.60 0.00 | 40.61 1.53 0.00 | 36.52 1.30 0.00 | 41.96 1.43 0.00 | 41.31 1.40 0.00 | 49.49 1.48 0.00 | 54.31 1.54 0.00 | 57.86 1.46 0.00 | 63.83 1.76 0.00 | 72.21 2.30 0.00 | 87.17 3.28 0.00 | 77.53 3.22 0.00 | 67.77 3.42 0.00 | 51.61 2.99 0.00 | 51.93 3.07 0.00 | 51.45 3.00 0.00 | 53.21 2.96 0.00 | 55.39 3.11 0.00 | 67.82 3.28 0.00 | 73.44 2.86 0.00 | 76.08 2.58 0.00 | 60.51 1.58 0.00 |
| SHOREHAM_IC_1 23715 | 51.01 2.73 0.00 | 46.91 3.11 0.00 | 42.22 2.89 0.00 | 41.76 2.67 0.00 | 37.52 2.30 0.00 | 42.89 2.36 0.00 | 41.97 2.07 0.00 | 49.95 1.94 0.00 | 54.69 1.92 0.00 | 57.13 2.12 1.40 | 64.58 2.51 0.00 | 73.03 3.12 0.00 | 87.51 3.74 0.11 | 78.48 4.17 0.00 | 69.84 5.38 -0.11 | 180.16 5.02 -126.52 | 248.69 5.16 -194.66 | 296.62 5.24 -242.93 | 281.54 5.20 -226.10 | 282.13 5.14 -224.70 | 294.14 5.53 -224.08 | 203.76 5.33 -127.85 | 84.81 4.62 -6.69 | 61.03 2.99 0.88 |
| SHOREHAM_IC_2 23716 | 51.02 2.74 0.00 | 46.91 3.11 0.00 | 42.22 2.89 0.00 | 41.76 2.67 0.00 | 37.52 2.30 0.00 | 42.89 2.37 0.00 | 41.97 2.07 0.00 | 49.95 1.94 0.00 | 54.70 1.92 0.00 | 57.13 2.13 1.40 | 64.59 2.52 0.00 | 73.03 3.12 0.00 | 87.55 3.78 0.11 | 78.48 4.18 0.00 | 69.83 5.38 -0.11 | 180.16 5.04 -126.52 | 248.69 5.16 -194.66 | 296.61 5.24 -242.92 | 281.54 5.20 -226.10 | 282.12 5.13 -224.70 | 294.14 5.53 -224.08 | 203.76 5.33 -127.85 | 84.81 4.62 -6.69 | 61.03 2.99 0.88 |
| SISSONVILLE____ 23735 | 48.98 0.71 0.00 | 44.14 0.34 0.00 | 39.30 -0.03 0.00 | 39.12 0.04 0.00 | 35.16 -0.06 0.00 | 40.61 0.09 0.00 | 40.20 0.30 0.00 | 48.33 0.33 0.00 | 52.59 -0.19 0.00 | 56.21 -0.19 0.00 | 61.87 -0.21 0.00 | 69.47 -0.44 0.00 | 82.91 -1.03 -0.05 | 73.52 -0.81 -0.02 | 62.52 -1.82 0.00 | 46.47 -2.15 0.00 | 46.75 -2.12 0.00 | 46.41 -2.04 0.00 | 47.99 -2.26 0.00 | 50.08 -2.20 0.00 | 62.93 -1.61 0.00 | 69.59 -1.03 -0.04 | 73.23 -0.35 -0.09 | 59.58 0.64 -0.01 |
| SITHE_IND_GS1 24169 | 21.05 -1.26 25.97 | 26.26 -1.18 16.36 | 26.46 -1.06 11.81 | 26.48 -1.09 11.51 | 33.13 -1.04 1.05 | 26.48 -1.13 12.91 | 26.28 -1.19 12.43 | 25.14 -1.36 21.51 | 25.76 -1.48 25.54 | 23.12 -1.40 31.88 | 24.33 -1.57 36.17 | 25.58 -1.73 42.60 | 42.39 -1.82 39.68 | 71.87 -1.68 0.76 | 63.08 -1.27 0.00 | 47.69 -0.93 0.00 | 47.90 -0.97 0.00 | 47.47 -0.98 0.00 | 49.27 -0.98 0.00 | 51.29 -1.00 0.00 | 63.13 -1.40 0.01 | 67.60 -1.60 1.38 | 68.69 -1.79 3.01 | 56.98 -1.58 0.36 |
| SITHE_IND_GS2 24170 | 21.05 -1.26 25.97 | 26.26 -1.18 16.36 | 26.46 -1.06 11.81 | 26.48 -1.09 11.51 | 33.13 -1.04 1.05 | 26.48 -1.13 12.91 | 26.28 -1.19 12.43 | 25.14 -1.36 21.51 | 25.76 -1.48 25.54 | 23.12 -1.40 31.88 | 24.33 -1.57 36.17 | 25.58 -1.73 42.60 | 42.39 -1.82 39.68 | 71.87 -1.68 0.76 | 63.08 -1.27 0.00 | 47.69 -0.93 0.00 | 47.90 -0.97 0.00 | 47.47 -0.98 0.00 | 49.27 -0.98 0.00 | 51.29 -1.00 0.00 | 63.13 -1.40 0.01 | 67.60 -1.60 1.38 | 68.69 -1.79 3.01 | 56.98 -1.58 0.36 |
| SITHE_IND_GS3 24171 | 21.05 -1.26 25.97 | 26.26 -1.18 16.36 | 26.46 -1.06 11.81 | 26.48 -1.09 11.51 | 33.13 -1.04 1.05 | 26.48 -1.13 12.91 | 26.28 -1.19 12.43 | 25.14 -1.36 21.51 | 25.76 -1.48 25.54 | 23.12 -1.40 31.88 | 24.33 -1.57 36.17 | 25.58 -1.73 42.60 | 42.39 -1.82 39.68 | 71.87 -1.68 0.76 | 63.08 -1.27 0.00 | 47.69 -0.93 0.00 | 47.90 -0.97 0.00 | 47.47 -0.98 0.00 | 49.27 -0.98 0.00 | 51.29 -1.00 0.00 | 63.13 -1.40 0.01 | 67.60 -1.60 1.38 | 68.69 -1.79 3.01 | 56.98 -1.58 0.36 |
| SITHE_IND_GS4 24172 | 21.05 -1.26 25.97 | 26.26 -1.18 16.36 | 26.46 -1.06 11.81 | 26.48 -1.09 11.51 | 33.13 -1.04 1.05 | 26.48 -1.13 12.91 | 26.28 -1.19 12.43 | 25.14 -1.36 21.51 | 25.76 -1.48 25.54 | 23.12 -1.40 31.88 | 24.33 -1.57 36.17 | 25.58 -1.73 42.60 | 42.39 -1.82 39.68 | 71.87 -1.68 0.76 | 63.08 -1.27 0.00 | 47.69 -0.93 0.00 | 47.90 -0.97 0.00 | 47.47 -0.98 0.00 | 49.27 -0.98 0.00 | 51.29 -1.00 0.00 | 63.13 -1.40 0.01 | 67.60 -1.60 1.38 | 68.69 -1.79 3.01 | 56.98 -1.58 0.36 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|------------------------|
| SITHE___BATAVIA 24024 | 49.79 1.51 0.00 | 44.69 0.88 0.00 | 39.85 0.52 0.00 | 39.51 0.42 0.00 | 35.37 0.15 0.00 | 41.10 0.57 0.00 | 40.08 0.17 0.00 | 48.82 0.81 0.00 | 53.82 1.04 0.00 | 58.54 2.13 0.00 | 64.22 2.15 0.00 | 71.91 2.00 0.00 | 87.21 3.32 0.00 | 76.59 2.28 0.00 | 66.63 2.28 0.00 | 50.14 1.52 0.00 | 48.81 1.56 1.62 | 47.44 1.29 2.31 | 51.92 1.68 0.00 | 221.06 2.03 -166.74 | 66.44 1.90 0.00 | 72.67 2.09 0.00 | 75.63 2.13 0.00 | 60.71 1.78 0.00 |
| SITHE___INDEPEND 23800 | 21.05 -1.26 25.97 | 26.26 -1.18 16.36 | 26.46 -1.06 11.81 | 26.48 -1.09 11.51 | 33.13 -1.04 1.05 | 26.48 -1.13 12.91 | 26.28 -1.19 12.43 | 25.14 -1.36 21.51 | 25.76 -1.48 25.54 | 23.12 -1.41 31.88 | 24.33 -1.57 36.17 | 25.58 -1.73 42.60 | 42.38 -1.82 39.68 | 71.87 -1.68 0.76 | 63.08 -1.27 0.00 | 47.69 -0.92 0.00 | 47.90 -0.97 0.00 | 47.47 -0.98 0.00 | 49.27 -0.97 0.00 | 51.29 -1.00 0.00 | 63.13 -1.40 0.01 | 67.60 -1.60 1.38 | 68.69 -1.79 3.01 | 56.98 -1.58 0.36 |
| SITHE___MASSENA 23902 | 48.65 0.37 0.00 | 43.89 0.09 0.00 | 39.15 -0.18 0.00 | 38.99 -0.10 0.00 | 35.19 -0.03 0.00 | 40.59 0.07 0.00 | 40.13 0.23 0.00 | 48.45 0.44 0.00 | 53.11 0.33 0.00 | 56.68 0.27 0.00 | 62.36 0.29 0.00 | 69.98 0.07 0.00 | 83.38 -0.50 0.00 | 73.82 -0.48 0.00 | 63.03 -1.31 0.00 | 47.15 -1.46 0.00 | 47.50 -1.37 0.00 | 47.07 -1.38 0.00 | 48.74 -1.51 0.00 | 50.70 -1.59 0.00 | 63.42 -1.12 0.00 | 69.98 -0.60 0.00 | 73.24 -0.26 0.00 | 59.28 0.36 0.00 |
| SITHE___OGDNSBRG 24021 | 49.83 1.55 0.00 | 44.90 1.09 0.00 | 39.98 0.64 0.00 | 39.78 0.69 0.00 | 35.87 0.65 0.00 | 41.44 0.92 0.00 | 41.01 1.11 0.00 | 49.31 1.31 0.00 | 53.60 0.82 0.00 | 57.21 0.81 0.00 | 63.19 1.12 0.00 | 70.97 1.06 0.00 | 84.21 0.33 0.00 | 74.83 0.52 0.00 | 63.65 -0.70 0.00 | 47.60 -1.01 0.00 | 48.01 -0.86 0.00 | 47.57 -0.87 0.00 | 49.26 -0.99 0.00 | 51.61 -0.68 0.00 | 64.76 0.22 0.00 | 71.50 0.92 0.00 | 74.85 1.36 0.00 | 60.66 1.74 0.00 |
| SITHE___STERLING 23777 | 49.65 1.37 0.00 | 45.01 1.21 0.00 | 40.41 1.07 0.00 | 40.09 1.01 0.00 | 36.07 0.85 0.00 | 41.57 1.05 0.00 | 40.90 1.00 0.00 | 49.29 1.29 0.00 | 54.00 1.23 0.00 | 57.61 1.21 0.00 | 63.28 1.21 0.00 | 71.36 1.45 0.00 | 86.30 2.32 -0.09 | 76.57 2.22 -0.04 | 66.40 2.05 0.00 | 50.28 1.67 0.00 | 50.82 1.95 0.00 | 50.71 2.27 0.00 | 52.52 2.28 0.00 | 54.56 2.27 0.00 | 67.19 2.65 0.00 | 73.47 2.81 -0.08 | 76.96 3.29 -0.17 | 61.20 2.26 -0.02 |
| SLEIGHT__34_KV_TB1 80719 | 49.77 0.45 -1.05 | 44.64 0.17 -0.66 | 39.79 -0.01 -0.48 | 39.46 -0.09 -0.46 | 35.04 -0.22 -0.04 | 41.00 -0.04 -0.52 | 40.22 -0.19 -0.50 | 48.98 0.10 -0.88 | 54.03 0.20 -1.05 | 58.49 0.79 -1.29 | 64.30 0.77 -1.46 | 72.58 0.95 -1.72 | 87.32 1.83 -1.60 | 75.70 1.36 -0.03 | 65.71 1.37 0.00 | 49.81 1.20 0.00 | 49.81 0.94 0.00 | 49.36 0.91 0.00 | 51.33 1.08 0.00 | 53.47 1.19 0.00 | 65.58 1.04 0.00 | 71.73 1.09 -0.06 | 74.58 0.96 -0.12 | 59.41 0.47 -0.02 |
| SMITHTWN_69_KV_BK 1 55830 | 51.52 3.25 0.00 | 47.42 3.61 0.00 | 42.66 3.33 0.00 | 42.20 3.11 0.00 | 37.91 2.69 0.00 | 43.32 2.80 0.00 | 42.35 2.44 0.00 | 50.41 2.40 0.00 | 55.10 2.32 0.00 | 56.17 2.45 2.68 | 65.02 2.95 0.00 | 73.56 3.65 0.00 | 88.20 4.43 0.11 | 79.20 4.90 0.00 | 70.30 5.84 -0.12 | 248.64 5.31 -194.71 | 353.02 5.55 -298.61 | 422.37 5.36 -368.56 | 406.24 5.08 -350.92 | 406.02 4.98 -348.75 | 417.60 5.27 -347.78 | 274.06 5.04 -198.43 | 89.76 4.33 -11.94 | 60.99 2.92 0.85 |
| SOUTH CAIRO___GT 23612 | 50.43 2.15 0.00 | 46.01 2.21 0.00 | 41.54 2.21 0.00 | 41.19 2.11 0.00 | 37.05 1.83 0.00 | 42.55 2.03 0.00 | 41.82 1.92 0.00 | 50.04 2.03 0.00 | 55.22 2.44 0.00 | 59.14 2.74 0.00 | 64.67 2.60 0.00 | 72.08 2.17 0.00 | 86.93 3.04 0.00 | 77.15 2.84 0.00 | 67.33 2.99 0.00 | 50.94 2.32 0.00 | 51.18 2.31 0.00 | 51.14 2.69 0.00 | 53.53 3.28 0.00 | 56.17 3.88 0.00 | 69.25 4.71 0.00 | 75.13 4.54 0.00 | 77.70 4.20 0.00 | 61.67 2.75 0.00 |
| SOUTH HAMPTN___IC 23720 | 51.53 3.25 0.00 | 47.36 3.56 0.00 | 42.61 3.28 0.00 | 42.14 3.06 0.00 | 37.85 2.63 0.00 | 43.29 2.77 0.00 | 42.41 2.50 0.00 | 50.52 2.52 0.00 | 55.41 2.63 0.00 | 58.06 2.93 1.27 | 65.49 3.42 0.00 | 74.12 4.21 0.00 | 88.92 5.15 0.11 | 79.82 5.52 0.00 | 71.15 6.70 -0.11 | 175.90 5.97 -121.32 | 241.61 6.01 -186.73 | 287.83 6.05 -233.33 | 272.79 5.96 -216.58 | 273.33 5.80 -215.24 | 285.54 6.36 -214.64 | 199.30 6.25 -122.46 | 85.36 5.60 -6.26 | 61.78 3.75 0.89 |
| SOUTHDOW_115KV_TB1 355954 | 47.99 -0.29 0.00 | 43.32 -0.48 0.00 | 38.60 -0.73 0.00 | 38.36 -0.72 0.00 | 34.24 -0.98 0.00 | 39.90 -0.62 0.00 | 39.08 -0.82 0.00 | 48.13 0.13 0.00 | 53.69 0.91 0.00 | 58.89 2.49 0.00 | 64.44 2.37 0.00 | 72.26 2.35 0.00 | 87.67 3.79 0.00 | 76.50 2.19 0.00 | 66.27 1.93 0.00 | 50.67 2.06 0.00 | 49.20 1.99 1.66 | 48.28 2.12 2.29 | 52.94 2.69 0.00 | 55.41 3.13 0.00 | 67.53 2.99 0.00 | 73.63 3.05 0.00 | 76.37 2.88 0.00 | 60.75 1.83 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 51.69 3.42 0.00 | 47.48 3.67 0.00 | 42.70 3.37 0.00 | 42.24 3.15 0.00 | 37.95 2.73 0.00 | 43.41 2.89 0.00 | 42.60 2.69 0.00 | 50.79 2.79 0.00 | 55.83 3.06 0.00 | 58.51 3.38 1.28 | 65.91 3.84 0.00 | 74.65 4.74 0.00 | 89.66 5.89 0.11 | 80.28 5.98 0.00 | 71.98 7.52 -0.11 | 176.64 6.65 -121.38 | 241.47 5.78 -186.83 | 287.64 5.75 -233.45 | 272.52 5.57 -216.70 | 272.89 5.24 -215.36 | 285.48 6.18 -214.76 | 199.98 6.87 -122.53 | 86.12 6.35 -6.27 | 62.38 4.35 0.89 |
| SOUTHOLD___IC 23719 | 51.69 3.41 0.00 | 47.48 3.67 0.00 | 42.70 3.37 0.00 | 42.24 3.15 0.00 | 37.95 2.73 0.00 | 43.41 2.89 0.00 | 42.60 2.70 0.00 | 50.79 2.79 0.00 | 55.83 3.06 0.00 | 58.51 3.38 1.28 | 65.91 3.85 0.00 | 74.65 4.74 0.00 | 89.61 5.84 0.11 | 80.28 5.98 0.00 | 71.98 7.52 -0.11 | 176.63 6.63 -121.38 | 241.47 5.77 -186.83 | 287.64 5.75 -233.45 | 272.52 5.58 -216.70 | 272.89 5.24 -215.36 | 285.48 6.18 -214.76 | 199.98 6.87 -122.53 | 86.12 6.35 -6.27 | 62.38 4.35 0.89 |
| SOUTH_FORK_WT_PWR 323839 | 51.08 2.80 0.00 | 46.93 3.13 0.00 | 42.22 2.89 0.00 | 41.77 2.68 0.00 | 37.53 2.31 0.00 | 42.93 2.40 0.00 | 42.14 2.24 0.00 | 50.20 2.20 0.00 | 55.20 2.42 0.00 | 57.76 2.63 1.27 | 65.02 2.95 0.00 | 73.64 3.73 0.00 | 88.35 4.58 0.11 | 79.29 4.98 0.00 | 71.16 6.70 -0.11 | 175.94 5.97 -121.35 | 241.18 5.54 -186.77 | 287.44 5.60 -233.39 | 272.31 5.42 -216.64 | 272.63 5.05 -215.29 | 285.00 5.77 -214.70 | 198.98 5.90 -122.49 | 85.25 5.49 -6.27 | 61.80 3.77 0.89 |
| SPIERFLS_115KV_TB 1 80737 | 50.61 2.33 0.00 | 46.06 2.26 0.00 | 41.47 2.14 0.00 | 41.11 2.02 0.00 | 36.95 1.73 0.00 | 42.45 1.92 0.00 | 41.68 1.78 0.00 | 50.05 2.05 0.00 | 55.09 2.31 0.00 | 58.93 2.53 0.00 | 64.29 2.22 0.00 | 72.23 2.32 0.00 | 87.01 3.13 0.00 | 77.43 3.13 0.00 | 67.50 3.15 0.00 | 51.34 2.73 0.00 | 51.74 2.87 0.00 | 51.42 2.97 0.00 | 54.06 3.82 0.00 | 56.35 4.06 0.00 | 69.44 4.90 0.00 | 75.10 4.52 0.00 | 77.69 4.19 0.00 | 61.99 3.07 0.00 |
| ST LAWRENCE____ 23600 | 48.05 -0.23 0.00 | 43.39 -0.42 0.00 | 38.72 -0.61 0.00 | 38.57 -0.51 0.00 | 34.86 -0.36 0.00 | 40.16 -0.36 0.00 | 39.64 -0.26 0.00 | 47.88 -0.13 0.00 | 52.58 -0.20 0.00 | 56.10 -0.31 0.00 | 61.69 -0.37 0.00 | 69.30 -0.62 0.00 | 82.66 -1.22 0.00 | 73.14 -1.17 0.00 | 62.75 -1.60 0.00 | 47.15 -1.47 0.00 | 47.42 -1.45 0.00 | 46.99 -1.46 0.00 | 48.69 -1.56 0.00 | 50.62 -1.67 0.00 | 62.91 -1.63 0.00 | 69.35 -1.23 0.00 | 72.51 -0.99 0.00 | 58.59 -0.34 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| STATE_CA_115KV_115_LB 55624 | 48.89 0.61 0.00 | 44.67 0.86 0.00 | 40.35 1.01 0.00 | 40.05 0.97 0.00 | 36.03 0.81 0.00 | 41.37 0.84 0.00 | 40.68 0.77 0.00 | 48.70 0.69 0.00 | 53.63 0.85 0.00 | 57.32 0.92 0.00 | 62.95 0.88 0.00 | 70.86 0.95 0.00 | 85.43 1.54 0.00 | 75.90 1.60 0.00 | 66.24 1.89 0.00 | 50.17 1.56 0.00 | 50.46 1.59 0.00 | 50.09 1.64 0.00 | 51.97 1.72 0.00 | 54.02 1.74 0.00 | 66.43 1.89 0.00 | 72.07 1.49 0.00 | 74.81 1.32 0.00 | 59.63 0.71 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 51.19 0.61 -2.30 | 45.73 0.48 -1.45 | 40.67 0.29 -1.05 | 40.42 0.32 -1.02 | 35.52 0.21 -0.09 | 42.02 0.35 -1.15 | 41.26 0.25 -1.10 | 50.43 0.50 -1.92 | 55.57 0.51 -2.28 | 59.80 0.56 -2.84 | 65.84 0.56 -3.21 | 74.59 0.90 -3.78 | 89.10 1.59 -3.63 | 75.54 1.11 -0.12 | 65.53 1.19 0.00 | 49.80 1.19 0.00 | 50.14 1.27 0.00 | 49.62 1.17 0.00 | 51.69 1.44 0.00 | 54.00 1.71 0.00 | 66.32 1.78 0.00 | 72.64 1.84 -0.22 | 75.64 1.66 -0.48 | 59.70 0.72 -0.06 |
| STATION_5_MISC_HYD 23604 | 49.07 0.79 0.00 | 44.20 0.40 0.00 | 39.50 0.17 0.00 | 39.16 0.08 0.00 | 35.10 -0.12 0.00 | 40.65 0.12 0.00 | 39.76 -0.14 0.00 | 48.26 0.26 0.00 | 53.33 0.55 0.00 | 57.79 1.39 0.00 | 63.37 1.30 0.00 | 71.27 1.36 0.00 | 86.36 2.48 0.00 | 76.16 1.86 0.00 | 66.16 1.81 0.00 | 49.96 1.34 0.00 | 50.06 1.16 -0.03 | 49.48 1.00 -0.03 | 51.35 1.11 0.00 | 53.47 1.18 0.00 | 65.54 1.00 0.00 | 71.78 1.19 0.00 | 74.66 1.16 0.00 | 59.74 0.82 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 49.78 0.52 -0.98 | 44.64 0.22 -0.62 | 39.84 0.06 -0.45 | 39.51 -0.02 -0.44 | 35.09 -0.17 -0.04 | 41.02 0.01 -0.49 | 40.20 -0.17 -0.47 | 49.02 0.19 -0.83 | 54.13 0.36 -0.99 | 58.63 1.01 -1.22 | 64.40 0.96 -1.37 | 72.55 1.02 -1.61 | 87.34 1.95 -1.50 | 75.94 1.61 -0.03 | 65.89 1.55 0.00 | 49.88 1.26 0.00 | 49.97 1.10 0.00 | 49.44 1.00 0.00 | 51.44 1.19 0.00 | 53.59 1.30 0.00 | 65.69 1.15 0.00 | 71.88 1.25 -0.05 | 74.71 1.09 -0.11 | 59.58 0.64 -0.01 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 48.79 0.51 0.00 | 43.95 0.15 0.00 | 39.29 -0.04 0.00 | 38.95 -0.13 0.00 | 34.92 -0.29 0.00 | 40.43 -0.10 0.00 | 39.56 -0.34 0.00 | 48.02 0.02 0.00 | 53.06 0.28 0.00 | 57.49 1.09 0.00 | 63.06 0.99 0.00 | 70.95 1.04 0.00 | 85.94 2.05 0.00 | 75.85 1.54 0.00 | 65.88 1.54 0.00 | 49.76 1.15 0.00 | 49.84 0.94 -0.03 | 49.26 0.78 -0.03 | 51.14 0.90 0.00 | 53.24 0.95 0.00 | 65.24 0.70 0.00 | 71.42 0.84 0.00 | 74.25 0.75 0.00 | 59.39 0.47 0.00 |
| STA_56___34_KV_BUS2 355983 | 48.79 0.51 0.00 | 43.95 0.15 0.00 | 39.29 -0.04 0.00 | 38.95 -0.13 0.00 | 34.92 -0.29 0.00 | 40.43 -0.10 0.00 | 39.56 -0.34 0.00 | 48.02 0.02 0.00 | 53.06 0.28 0.00 | 57.49 1.09 0.00 | 63.06 0.99 0.00 | 70.95 1.04 0.00 | 85.94 2.05 0.00 | 75.85 1.54 0.00 | 65.88 1.54 0.00 | 49.76 1.15 0.00 | 49.84 0.94 -0.03 | 49.26 0.78 -0.03 | 51.14 0.90 0.00 | 53.24 0.95 0.00 | 65.24 0.70 0.00 | 71.42 0.84 0.00 | 74.25 0.75 0.00 | 59.39 0.47 0.00 |
| STA_67___115KV_BK2 355882 | 48.90 0.62 0.00 | 44.04 0.23 0.00 | 39.37 0.04 0.00 | 39.05 -0.04 0.00 | 34.99 -0.23 0.00 | 40.52 0.00 0.00 | 39.63 -0.27 0.00 | 48.10 0.10 0.00 | 53.13 0.36 0.00 | 57.58 1.18 0.00 | 63.12 1.05 0.00 | 70.97 1.05 0.00 | 85.93 2.05 0.00 | 75.80 1.49 0.00 | 65.82 1.48 0.00 | 49.71 1.10 0.00 | 49.81 0.91 -0.03 | 49.21 0.73 -0.03 | 51.12 0.87 0.00 | 53.23 0.94 0.00 | 65.25 0.71 0.00 | 71.48 0.90 0.00 | 74.38 0.88 0.00 | 59.55 0.63 0.00 |
| STA_7___115KV_9TRANS 80674 | 49.49 1.21 0.00 | 44.55 0.75 0.00 | 39.81 0.48 0.00 | 39.45 0.37 0.00 | 35.36 0.14 0.00 | 40.95 0.42 0.00 | 40.05 0.15 0.00 | 48.65 0.65 0.00 | 53.78 1.00 0.00 | 58.30 1.90 0.00 | 63.95 1.88 0.00 | 71.99 2.08 0.00 | 87.24 3.36 0.00 | 77.00 2.69 0.00 | 66.92 2.58 0.00 | 50.53 1.92 0.00 | 50.65 1.75 -0.03 | 50.05 1.57 -0.03 | 51.97 1.72 0.00 | 54.09 1.80 0.00 | 66.22 1.68 0.00 | 72.49 1.91 0.00 | 75.34 1.85 0.00 | 60.25 1.33 0.00 |
| STA_82___115KV_TB1 80780 | 48.90 0.63 0.00 | 44.06 0.26 0.00 | 39.38 0.05 0.00 | 39.05 -0.04 0.00 | 35.01 -0.21 0.00 | 40.53 0.00 0.00 | 39.64 -0.26 0.00 | 48.11 0.11 0.00 | 53.15 0.37 0.00 | 57.59 1.19 0.00 | 63.14 1.07 0.00 | 70.98 1.07 0.00 | 85.99 2.10 0.00 | 75.81 1.51 0.00 | 65.85 1.50 0.00 | 49.72 1.11 0.00 | 49.83 0.93 -0.04 | 49.23 0.75 -0.04 | 51.13 0.88 0.00 | 53.25 0.96 0.00 | 65.27 0.73 0.00 | 71.51 0.93 0.00 | 74.40 0.90 0.00 | 59.56 0.63 0.00 |
| STEEL___WIND 323596 | 47.99 -0.29 0.00 | 43.15 -0.65 0.00 | 38.55 -0.79 0.00 | 38.23 -0.85 0.00 | 34.15 -1.07 0.00 | 39.71 -0.81 0.00 | 38.62 -1.28 0.00 | 47.12 -0.88 0.00 | 52.18 -0.60 0.00 | 56.92 0.52 0.00 | 62.22 0.15 0.00 | 69.47 -0.44 0.00 | 84.45 0.56 0.00 | 73.98 -0.33 0.00 | 64.09 -0.26 0.00 | 48.47 -0.14 0.00 | 45.17 -0.19 3.51 | 43.35 -0.27 4.83 | 50.20 -0.05 0.00 | 52.54 0.26 0.00 | 64.31 -0.23 0.00 | 70.49 -0.09 0.00 | 73.47 -0.02 0.00 | 59.04 0.12 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 49.00 0.72 0.00 | 44.78 0.97 0.00 | 40.44 1.11 0.00 | 40.14 1.05 0.00 | 36.15 0.93 0.00 | 41.52 0.99 0.00 | 40.79 0.89 0.00 | 48.91 0.91 0.00 | 53.90 1.12 0.00 | 57.60 1.19 0.00 | 63.16 1.08 0.00 | 71.14 1.23 0.00 | 85.61 1.72 0.00 | 76.03 1.72 0.00 | 66.23 1.89 0.00 | 50.09 1.47 0.00 | 50.45 1.59 0.00 | 50.25 1.80 0.00 | 52.27 2.03 0.00 | 54.37 2.08 0.00 | 66.72 2.18 0.00 | 72.36 1.78 0.00 | 75.09 1.59 0.00 | 59.61 0.69 0.00 |
| STEBEN_REC_LFGE 323667 | 47.58 -0.70 0.00 | 42.72 -1.08 0.00 | 38.26 -1.07 0.00 | 38.11 -0.98 0.00 | 34.25 -0.97 0.00 | 39.80 -0.73 0.00 | 38.85 -1.06 0.00 | 47.23 -0.78 0.00 | 52.28 -0.50 0.00 | 56.79 0.38 0.00 | 61.95 -0.12 0.00 | 69.43 -0.48 0.00 | 84.55 0.57 -0.09 | 74.32 -0.03 -0.04 | 64.76 0.42 0.00 | 48.89 0.28 0.00 | 56.69 -0.17 -8.00 | 59.72 0.26 -11.02 | 51.46 1.22 0.00 | 54.22 1.93 0.00 | 66.60 2.06 0.00 | 73.45 2.80 -0.08 | 76.22 2.56 -0.17 | 60.59 1.65 -0.02 |
| STILLWATER___SOLAR 323814 | 50.49 2.21 0.00 | 46.01 2.20 0.00 | 41.43 2.09 0.00 | 41.10 2.02 0.00 | 36.97 1.75 0.00 | 42.46 1.94 0.00 | 41.75 1.85 0.00 | 49.99 1.99 0.00 | 55.01 2.23 0.00 | 58.79 2.38 0.00 | 64.44 2.37 0.00 | 72.47 2.56 0.00 | 87.26 3.37 0.00 | 77.67 3.36 0.00 | 67.71 3.36 0.00 | 51.35 2.74 0.00 | 51.75 2.88 0.00 | 51.39 2.94 0.00 | 53.69 3.44 0.00 | 55.92 3.63 0.00 | 68.85 4.31 0.00 | 74.58 4.00 0.00 | 77.36 3.87 0.00 | 61.69 2.77 0.00 |
| STONY___BROOK 24151 | 51.39 3.11 0.00 | 47.29 3.49 0.00 | 42.55 3.22 0.00 | 42.09 3.01 0.00 | 37.81 2.59 0.00 | 43.21 2.69 0.00 | 42.26 2.36 0.00 | 50.30 2.30 0.00 | 55.00 2.22 0.00 | 56.81 2.36 1.96 | 64.92 2.85 0.00 | 73.41 3.50 0.00 | 87.83 4.06 0.11 | 78.85 4.54 0.00 | 70.01 5.55 -0.12 | 208.62 5.06 -154.94 | 292.13 5.29 -237.98 | 348.86 5.12 -295.31 | 333.20 4.83 -278.12 | 333.44 4.76 -276.39 | 345.15 4.98 -275.63 | 232.62 4.77 -157.26 | 86.52 4.12 -8.90 | 60.91 2.85 0.86 |
| STURGEON_POOL_HYD 23609 | 50.27 1.99 0.00 | 45.85 2.05 0.00 | 41.35 2.02 0.00 | 41.01 1.92 0.00 | 36.87 1.65 0.00 | 42.34 1.81 0.00 | 41.70 1.80 0.00 | 49.98 1.97 0.00 | 54.89 2.11 0.00 | 58.51 2.11 0.00 | 64.61 2.53 0.00 | 73.18 3.26 0.00 | 88.40 4.51 0.00 | 78.87 4.57 0.00 | 69.07 4.73 0.00 | 52.63 4.02 0.00 | 52.98 4.11 0.00 | 52.48 4.04 0.00 | 54.15 3.90 0.00 | 56.30 4.02 0.00 | 68.85 4.31 0.00 | 74.43 3.85 0.00 | 76.97 3.47 0.00 | 61.16 2.24 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|-------------------------|
| ST_LAW_115_BK7_LBMP 345037 | 48.06 -0.22 0.00 | 43.39 -0.42 0.00 | 38.72 -0.61 0.00 | 38.56 -0.53 0.00 | 34.83 -0.39 0.00 | 40.15 -0.37 0.00 | 39.64 -0.26 0.00 | 47.88 -0.13 0.00 | 52.56 -0.21 0.00 | 56.09 -0.31 0.00 | 61.69 -0.38 0.00 | 69.27 -0.65 0.00 | 82.58 -1.31 0.00 | 73.07 -1.24 0.00 | 62.62 -1.72 0.00 | 47.02 -1.59 0.00 | 47.28 -1.59 0.00 | 46.83 -1.61 0.00 | 48.54 -1.70 0.00 | 50.45 -1.84 0.00 | 62.77 -1.77 0.00 | 69.26 -1.32 0.00 | 72.45 -1.04 0.00 | 58.59 -0.34 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 48.06 -0.22 0.00 | 43.39 -0.42 0.00 | 38.72 -0.61 0.00 | 38.56 -0.53 0.00 | 34.83 -0.39 0.00 | 40.15 -0.37 0.00 | 39.64 -0.26 0.00 | 47.88 -0.13 0.00 | 52.56 -0.21 0.00 | 56.09 -0.31 0.00 | 61.69 -0.38 0.00 | 69.27 -0.65 0.00 | 82.58 -1.31 0.00 | 73.07 -1.24 0.00 | 62.62 -1.72 0.00 | 47.02 -1.59 0.00 | 47.28 -1.59 0.00 | 46.83 -1.61 0.00 | 48.54 -1.70 0.00 | 50.45 -1.84 0.00 | 62.77 -1.77 0.00 | 69.26 -1.32 0.00 | 72.45 -1.04 0.00 | 58.59 -0.34 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 48.05 -0.23 0.00 | 43.39 -0.42 0.00 | 38.72 -0.61 0.00 | 38.57 -0.51 0.00 | 34.86 -0.36 0.00 | 40.16 -0.36 0.00 | 39.64 -0.26 0.00 | 47.88 -0.13 0.00 | 52.58 -0.20 0.00 | 56.10 -0.31 0.00 | 61.69 -0.37 0.00 | 69.30 -0.62 0.00 | 82.66 -1.22 0.00 | 73.14 -1.17 0.00 | 62.75 -1.60 0.00 | 47.15 -1.47 0.00 | 47.42 -1.45 0.00 | 46.99 -1.46 0.00 | 48.69 -1.56 0.00 | 50.62 -1.67 0.00 | 62.91 -1.63 0.00 | 69.35 -1.23 0.00 | 72.51 -0.99 0.00 | 58.59 -0.34 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 48.05 -0.23 0.00 | 43.39 -0.42 0.00 | 38.72 -0.61 0.00 | 38.57 -0.51 0.00 | 34.86 -0.36 0.00 | 40.16 -0.36 0.00 | 39.64 -0.26 0.00 | 47.88 -0.13 0.00 | 52.58 -0.20 0.00 | 56.10 -0.31 0.00 | 61.69 -0.37 0.00 | 69.30 -0.62 0.00 | 82.66 -1.22 0.00 | 73.14 -1.17 0.00 | 62.75 -1.60 0.00 | 47.15 -1.47 0.00 | 47.42 -1.45 0.00 | 46.99 -1.46 0.00 | 48.69 -1.56 0.00 | 50.62 -1.67 0.00 | 62.91 -1.63 0.00 | 69.35 -1.23 0.00 | 72.51 -0.99 0.00 | 58.59 -0.34 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 49.95 1.67 0.00 | 45.65 1.85 0.00 | 41.13 1.80 0.00 | 40.80 1.72 0.00 | 36.69 1.47 0.00 | 42.15 1.63 0.00 | 41.50 1.60 0.00 | 49.70 1.70 0.00 | 54.52 1.74 0.00 | 58.13 1.73 0.00 | 64.19 2.12 0.00 | 72.65 2.74 0.00 | 87.72 3.84 0.00 | 78.12 3.81 0.00 | 68.35 4.01 0.00 | 52.10 3.48 0.00 | 52.40 3.53 0.00 | 51.92 3.48 0.00 | 53.60 3.35 0.00 | 55.82 3.53 0.00 | 68.19 3.65 0.00 | 73.73 3.15 0.00 | 76.34 2.84 0.00 | 60.68 1.76 0.00 |
| SWANROAD_115KV_TB1 355699 | 47.19 -1.09 0.00 | 42.38 -1.42 0.00 | 37.82 -1.52 0.00 | 37.51 -1.58 0.00 | 33.55 -1.67 0.00 | 39.00 -1.52 0.00 | 37.80 -2.11 0.00 | 45.95 -2.06 0.00 | 50.81 -1.97 0.00 | 55.49 -0.91 0.00 | 60.52 -1.55 0.00 | 67.50 -2.41 0.00 | 81.79 -2.10 0.00 | 71.69 -2.62 0.00 | 61.98 -2.37 0.00 | 46.84 -1.77 0.00 | 44.43 -1.80 2.64 | 42.74 -2.00 3.70 | 48.23 -2.02 0.00 | 50.42 -1.86 0.00 | 61.77 -2.77 0.00 | 67.81 -2.77 0.00 | 70.95 -2.55 0.00 | 57.55 -1.38 0.00 |
| SYNERGY___BIOGAS 323694 | 49.78 1.50 0.00 | 44.68 0.87 0.00 | 39.85 0.52 0.00 | 39.50 0.41 0.00 | 35.37 0.15 0.00 | 41.10 0.57 0.00 | 40.07 0.17 0.00 | 48.81 0.80 0.00 | 53.83 1.05 0.00 | 58.54 2.13 0.00 | 64.22 2.15 0.00 | 71.91 2.00 0.00 | 87.15 3.26 0.00 | 76.59 2.28 0.00 | 66.61 2.26 0.00 | 50.13 1.52 0.00 | 48.81 1.55 1.62 | 47.41 1.27 2.31 | 51.93 1.68 0.00 | 221.06 2.03 -166.74 | 66.43 1.89 0.00 | 72.68 2.10 0.00 | 75.64 2.14 0.00 | 60.71 1.79 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| SYRACUSE___ENERGY_ST2 323598 | 51.35 0.10 -2.97 | 45.70 0.03 -1.87 | 40.69 0.01 -1.35 | 40.37 -0.03 -1.32 | 35.23 -0.11 -0.12 | 41.95 -0.05 -1.48 | 41.21 -0.12 -1.42 | 50.48 0.00 -2.47 | 55.71 0.00 -2.94 | 60.21 0.16 -3.65 | 66.35 0.15 -4.13 | 75.02 0.24 -4.87 | 89.14 0.60 -4.66 | 74.83 0.39 -0.14 | 64.88 0.53 0.00 | 49.14 0.53 0.00 | 49.32 0.46 0.00 | 48.82 0.38 0.00 | 50.72 0.47 0.00 | 52.83 0.54 0.00 | 64.99 0.45 0.00 | 71.30 0.46 -0.26 | 74.52 0.46 -0.57 | 59.13 0.13 -0.07 |
| SYRACUSE___POWER 24017 | 49.31 0.09 -0.94 | 44.42 0.03 -0.59 | 39.79 0.03 -0.42 | 39.49 -0.01 -0.42 | 35.17 -0.09 -0.04 | 40.95 -0.04 -0.47 | 40.23 -0.12 -0.45 | 48.79 0.00 -0.78 | 53.72 0.00 -0.94 | 57.80 0.24 -1.15 | 63.67 0.29 -1.30 | 71.88 0.44 -1.54 | 86.45 0.98 -1.58 | 75.25 0.85 -0.09 | 65.33 0.98 0.00 | 49.44 0.83 0.00 | 49.66 0.79 0.00 | 49.18 0.74 0.00 | 51.08 0.83 0.00 | 53.15 0.87 0.00 | 65.36 0.82 0.00 | 71.51 0.76 -0.17 | 74.51 0.63 -0.38 | 59.17 0.20 -0.05 |
| TALLMAN_138KV_BK151 55660 | 50.17 1.89 0.00 | 45.88 2.08 0.00 | 41.31 1.98 0.00 | 40.99 1.91 0.00 | 36.85 1.63 0.00 | 42.34 1.81 0.00 | 41.72 1.81 0.00 | 49.93 1.93 0.00 | 54.74 1.96 0.00 | 58.35 1.95 0.00 | 64.47 2.40 0.00 | 73.04 3.13 0.00 | 88.23 4.34 0.00 | 78.61 4.31 0.00 | 68.83 4.48 0.00 | 52.52 3.91 0.00 | 52.80 3.93 0.00 | 52.30 3.86 0.00 | 53.92 3.68 0.00 | 56.18 3.89 0.00 | 68.53 3.99 0.00 | 74.02 3.44 0.00 | 76.62 3.12 0.00 | 60.85 1.92 0.00 |
| TEALLAVE_115KV_TB7 355573 | 49.03 -0.13 -0.89 | 44.17 -0.19 -0.56 | 39.58 -0.16 -0.40 | 39.28 -0.20 -0.39 | 34.99 -0.26 -0.04 | 40.72 -0.24 -0.44 | 40.02 -0.31 -0.43 | 48.51 -0.24 -0.74 | 53.45 -0.21 -0.89 | 57.52 0.02 -1.09 | 63.36 0.05 -1.23 | 71.52 0.15 -1.45 | 86.01 0.66 -1.47 | 74.94 0.55 -0.08 | 65.06 0.72 0.00 | 49.23 0.61 0.00 | 49.41 0.54 0.00 | 48.92 0.47 0.00 | 50.77 0.53 0.00 | 52.84 0.56 0.00 | 64.98 0.44 0.00 | 71.07 0.35 -0.14 | 74.00 0.19 -0.31 | 58.84 -0.12 -0.04 |
| TELGRAPH_34_KV_EAST 80808 | 48.42 0.14 0.00 | 43.48 -0.33 0.00 | 38.80 -0.53 0.00 | 38.47 -0.62 0.00 | 34.42 -0.80 0.00 | 40.00 -0.52 0.00 | 38.88 -1.02 0.00 | 47.32 -0.69 0.00 | 52.30 -0.47 0.00 | 57.01 0.60 0.00 | 62.28 0.21 0.00 | 69.61 -0.31 0.00 | 84.31 0.42 0.00 | 74.01 -0.30 0.00 | 64.16 -0.18 0.00 | 48.40 -0.22 0.00 | 46.45 -0.30 2.12 | 44.95 -0.47 3.03 | 49.96 -0.29 0.00 | 52.22 -0.07 0.00 | 63.94 -0.60 0.00 | 70.09 -0.49 0.00 | 73.15 -0.35 0.00 | 59.00 0.08 0.00 |
| TEMPLE___115KV_TB 2 55572 | 48.86 -0.12 -0.71 | 44.08 -0.17 -0.45 | 39.52 -0.14 -0.32 | 39.21 -0.19 -0.32 | 34.99 -0.25 -0.03 | 40.64 -0.23 -0.35 | 39.94 -0.30 -0.34 | 48.38 -0.22 -0.60 | 53.28 -0.21 -0.72 | 57.34 0.05 -0.88 | 63.15 0.09 -0.99 | 71.29 0.21 -1.17 | 85.82 0.72 -1.21 | 75.01 0.62 -0.08 | 65.13 0.78 0.00 | 49.27 0.66 0.00 | 49.45 0.58 0.00 | 48.96 0.52 0.00 | 50.82 0.57 0.00 | 52.88 0.59 0.00 | 65.02 0.48 0.00 | 71.12 0.39 -0.14 | 74.02 0.21 -0.31 | 58.87 -0.09 -0.04 |
| TIANA___69_KV_BK 1 55817 | 51.54 3.26 0.00 | 47.35 3.55 0.00 | 42.61 3.27 0.00 | 42.14 3.06 0.00 | 37.85 2.63 0.00 | 43.29 2.77 0.00 | 42.39 2.48 0.00 | 50.49 2.48 0.00 | 55.36 2.58 0.00 | 58.02 2.90 1.27 | 65.45 3.38 0.00 | 74.05 4.14 0.00 | 88.86 5.09 0.11 | 79.71 5.41 0.00 | 71.01 6.56 -0.11 | 175.86 5.88 -121.37 | 241.65 5.97 -186.81 | 287.86 5.99 -233.43 | 272.83 5.91 -216.68 | 273.41 5.78 -215.34 | 285.59 6.31 -214.74 | 199.29 6.19 -122.52 | 85.27 5.51 -6.27 | 61.71 3.68 0.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 49.31 0.09 -0.94 | 44.42 0.03 -0.59 | 39.79 0.03 -0.42 | 39.49 -0.01 -0.42 | 35.17 -0.09 -0.04 | 40.95 -0.04 -0.47 | 40.23 -0.12 -0.45 | 48.79 0.00 -0.78 | 53.72 0.00 -0.94 | 57.80 0.24 -1.15 | 63.67 0.29 -1.30 | 71.88 0.44 -1.54 | 86.45 0.98 -1.58 | 75.25 0.85 -0.09 | 65.33 0.98 0.00 | 49.44 0.83 0.00 | 49.66 0.79 0.00 | 49.18 0.74 0.00 | 51.08 0.83 0.00 | 53.15 0.87 0.00 | 65.36 0.82 0.00 | 71.51 0.76 -0.17 | 74.51 0.63 -0.38 | 59.17 0.20 -0.05 |
| TRIGEN___CC 323695 | 50.86 2.58 0.00 | 46.66 2.85 0.00 | 41.99 2.66 0.00 | 41.58 2.50 0.00 | 37.38 2.16 0.00 | 42.83 2.30 0.00 | 42.02 2.12 0.00 | 50.13 2.13 0.00 | 54.91 2.13 0.00 | 58.55 2.15 0.00 | 64.66 2.59 0.00 | 73.22 3.31 0.00 | 88.46 4.57 0.00 | 79.12 4.81 0.00 | 70.51 5.26 -0.91 | 56.62 4.63 -3.37 | 60.29 4.73 -6.69 | 66.14 4.61 -13.08 | 54.55 4.31 0.00 | 56.63 4.35 0.00 | 69.08 4.54 0.00 | 74.82 4.23 -0.01 | 88.80 3.63 -11.67 | 65.25 2.43 -3.90 |
| TRINITY___115KV___4 BK 55933 | 48.61 0.33 0.00 | 44.44 0.63 0.00 | 40.15 0.81 0.00 | 39.85 0.77 0.00 | 35.85 0.63 0.00 | 41.14 0.62 0.00 | 40.47 0.56 0.00 | 48.41 0.41 0.00 | 53.31 0.53 0.00 | 56.95 0.55 0.00 | 62.51 0.44 0.00 | 70.37 0.45 0.00 | 84.79 0.90 0.00 | 75.32 1.02 0.00 | 65.73 1.39 0.00 | 49.78 1.16 0.00 | 50.04 1.17 0.00 | 49.67 1.22 0.00 | 51.54 1.29 0.00 | 53.57 1.29 0.00 | 65.89 1.35 0.00 | 71.48 0.90 0.00 | 74.27 0.77 0.00 | 59.22 0.30 0.00 |
| UNION___PROCESSING_DRP 323587 | 48.92 0.64 0.00 | 44.07 0.27 0.00 | 39.40 0.07 0.00 | 39.07 -0.02 0.00 | 35.02 -0.20 0.00 | 40.55 0.03 0.00 | 39.65 -0.25 0.00 | 48.13 0.12 0.00 | 53.17 0.39 0.00 | 57.60 1.19 0.00 | 63.15 1.08 0.00 | 71.01 1.10 0.00 | 85.99 2.10 0.00 | 75.86 1.55 0.00 | 65.87 1.52 0.00 | 49.74 1.13 0.00 | 49.85 0.94 -0.04 | 49.25 0.76 -0.04 | 51.14 0.89 0.00 | 53.26 0.97 0.00 | 65.30 0.76 0.00 | 71.55 0.97 0.00 | 74.43 0.93 0.00 | 59.58 0.65 0.00 |
| UPPER HUDSON___HYD 24058 | 50.61 2.33 0.00 | 46.06 2.26 0.00 | 41.47 2.14 0.00 | 41.11 2.02 0.00 | 36.95 1.73 0.00 | 42.45 1.92 0.00 | 41.68 1.78 0.00 | 50.05 2.05 0.00 | 55.09 2.31 0.00 | 58.94 2.53 0.00 | 64.29 2.22 0.00 | 72.23 2.32 0.00 | 87.00 3.11 0.00 | 77.43 3.12 0.00 | 67.50 3.15 0.00 | 51.34 2.73 0.00 | 51.74 2.87 0.00 | 51.42 2.97 0.00 | 54.06 3.82 0.00 | 56.35 4.06 0.00 | 69.45 4.90 0.00 | 75.10 4.52 0.00 | 77.69 4.19 0.00 | 61.99 3.07 0.00 |
| UPPER RAQUET___HYD 24056 | 48.98 0.70 0.00 | 44.14 0.33 0.00 | 39.30 -0.03 0.00 | 39.12 0.04 0.00 | 35.16 -0.06 0.00 | 40.61 0.09 0.00 | 40.20 0.30 0.00 | 48.33 0.33 0.00 | 52.59 -0.19 0.00 | 56.21 -0.19 0.00 | 61.87 -0.20 0.00 | 69.48 -0.43 0.00 | 82.90 -1.03 -0.05 | 73.52 -0.81 -0.02 | 62.52 -1.82 0.00 | 46.47 -2.15 0.00 | 46.75 -2.12 0.00 | 46.41 -2.04 0.00 | 47.99 -2.26 0.00 | 50.08 -2.20 0.00 | 62.93 -1.62 0.00 | 69.59 -1.03 -0.04 | 73.23 -0.35 -0.09 | 59.58 0.64 -0.01 |
| VALLEY44_115KV_TB2 355964 | 47.21 -1.07 0.00 | 42.67 -1.14 0.00 | 38.22 -1.11 0.00 | 37.98 -1.10 0.00 | 33.99 -1.23 0.00 | 39.43 -1.10 0.00 | 38.41 -1.50 0.00 | 46.91 -1.09 0.00 | 51.86 -0.92 0.00 | 56.38 -0.03 0.00 | 61.42 -0.65 0.00 | 68.54 -1.37 0.00 | 83.29 -0.60 0.00 | 73.18 -1.12 0.00 | 63.50 -0.84 0.00 | 48.10 -0.51 0.00 | 46.98 -0.53 1.36 | 46.18 -0.39 1.88 | 50.22 -0.03 0.00 | 52.50 0.21 0.00 | 64.17 -0.37 0.00 | 70.21 -0.37 0.00 | 73.01 -0.49 0.00 | 58.14 -0.78 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 48.99 0.71 0.00 | 44.66 0.85 0.00 | 40.35 1.01 0.00 | 40.04 0.95 0.00 | 36.01 0.79 0.00 | 41.39 0.87 0.00 | 40.64 0.74 0.00 | 48.70 0.69 0.00 | 53.46 0.68 0.00 | 57.07 0.67 0.00 | 62.39 0.32 0.00 | 70.29 0.38 0.00 | 84.74 0.85 0.00 | 75.11 0.81 0.00 | 65.53 1.19 0.00 | 49.86 1.24 0.00 | 49.96 1.10 0.00 | 49.80 1.35 0.00 | 52.30 2.06 0.00 | 54.64 2.35 0.00 | 67.08 2.54 0.00 | 72.68 2.10 0.00 | 75.53 2.03 0.00 | 60.14 1.21 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 50.00 1.72 0.00 | 45.43 1.63 0.00 | 41.04 1.71 0.00 | 40.75 1.67 0.00 | 36.67 1.46 0.00 | 42.21 1.69 0.00 | 41.40 1.50 0.00 | 49.58 1.58 0.00 | 54.80 2.02 0.00 | 58.71 2.31 0.00 | 64.68 2.61 0.00 | 73.07 3.15 0.00 | 88.22 4.27 -0.06 | 78.11 3.77 -0.03 | 67.99 3.64 0.00 | 51.40 2.79 0.00 | 51.76 2.89 0.00 | 51.37 2.92 0.00 | 53.37 3.12 0.00 | 55.51 3.22 0.00 | 68.17 3.63 0.00 | 74.34 3.70 -0.05 | 77.09 3.48 -0.11 | 61.25 2.32 -0.01 |
| VISCHER___FERRY HYD 24020 | 49.71 1.43 0.00 | 45.38 1.58 0.00 | 40.92 1.59 0.00 | 40.62 1.53 0.00 | 36.53 1.32 0.00 | 41.94 1.41 0.00 | 41.24 1.34 0.00 | 49.31 1.31 0.00 | 54.33 1.55 0.00 | 58.01 1.60 0.00 | 63.62 1.55 0.00 | 71.62 1.71 0.00 | 86.31 2.42 0.00 | 76.71 2.40 0.00 | 66.95 2.61 0.00 | 50.74 2.12 0.00 | 51.03 2.16 0.00 | 50.67 2.22 0.00 | 52.67 2.42 0.00 | 54.76 2.47 0.00 | 67.41 2.87 0.00 | 73.04 2.46 0.00 | 75.92 2.42 0.00 | 60.55 1.62 0.00 |
| V_A_10_SYNC_DSASP 323832 | 47.88 -0.39 0.00 | 43.12 -0.68 0.00 | 38.55 -0.79 0.00 | 38.24 -0.84 0.00 | 34.23 -0.99 0.00 | 39.72 -0.80 0.00 | 38.68 -1.23 0.00 | 46.95 -1.05 0.00 | 51.87 -0.90 0.00 | 56.43 0.02 0.00 | 61.65 -0.42 0.00 | 68.96 -0.95 0.00 | 83.50 -0.39 0.00 | 73.43 -0.87 0.00 | 63.60 -0.74 0.00 | 48.03 -0.58 0.00 | 46.23 -0.82 1.82 | 44.86 -1.10 2.49 | 49.23 -1.02 0.00 | 51.39 -0.90 0.00 | 62.99 -1.56 0.00 | 69.30 -1.28 0.00 | 72.49 -1.00 0.00 | 58.34 -0.59 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 48.31 0.04 0.00 | 43.61 -0.19 0.00 | 38.92 -0.42 0.00 | 38.77 -0.31 0.00 | 35.02 -0.20 0.00 | 40.37 -0.15 0.00 | 39.85 -0.06 0.00 | 48.14 0.14 0.00 | 52.85 0.07 0.00 | 56.38 -0.02 0.00 | 62.03 -0.04 0.00 | 69.64 -0.28 0.00 | 83.04 -0.84 0.00 | 73.48 -0.83 0.00 | 62.98 -1.36 0.00 | 47.26 -1.36 0.00 | 47.35 -1.52 0.00 | 46.90 -1.55 0.00 | 48.60 -1.65 0.00 | 50.52 -1.77 0.00 | 62.85 -1.69 0.00 | 69.60 -0.98 0.00 | 72.83 -0.66 0.00 | 58.88 -0.04 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 48.10 -0.18 0.00 | 43.36 -0.44 0.00 | 38.44 -0.90 0.00 | 38.50 -0.58 0.00 | 34.96 -0.26 0.00 | 40.57 0.05 0.00 | 39.82 -0.08 0.00 | 48.19 0.19 0.00 | 52.51 -0.26 0.00 | 56.00 -0.40 0.00 | 61.09 -0.97 0.00 | 68.37 -1.54 0.00 | 82.20 -1.68 0.00 | 72.70 -1.61 0.00 | 62.72 -1.63 0.00 | 46.69 -1.92 0.00 | 47.25 -1.62 0.00 | 46.84 -1.60 0.00 | 48.52 -1.73 0.00 | 50.44 -1.85 0.00 | 62.56 -1.98 0.00 | 68.87 -1.72 0.00 | 71.92 -1.58 0.00 | 58.20 -0.72 0.00 |
| V_D_10_SYNC_DSASP 323841 | 48.64 0.36 0.00 | 43.88 0.08 0.00 | 39.15 -0.18 0.00 | 38.98 -0.10 0.00 | 35.19 -0.03 0.00 | 40.59 0.07 0.00 | 40.12 0.22 0.00 | 48.45 0.44 0.00 | 53.11 0.33 0.00 | 56.68 0.27 0.00 | 62.36 0.29 0.00 | 69.97 0.05 0.00 | 83.39 -0.50 0.00 | 73.82 -0.48 0.00 | 63.06 -1.29 0.00 | 47.17 -1.45 0.00 | 47.53 -1.34 0.00 | 47.08 -1.37 0.00 | 48.76 -1.49 0.00 | 50.72 -1.57 0.00 | 63.42 -1.12 0.00 | 69.98 -0.60 0.00 | 73.24 -0.26 0.00 | 59.27 0.35 0.00 |
| V_E_10_SYNC_DSASP 323830 | 50.44 2.16 0.00 | 45.63 1.82 0.00 | 41.20 1.87 0.00 | 41.10 2.02 0.00 | 37.07 1.85 0.00 | 42.85 2.32 0.00 | 42.16 2.26 0.00 | 51.26 3.26 0.00 | 56.37 3.59 0.00 | 60.42 4.02 0.00 | 66.65 4.58 0.00 | 74.99 5.08 0.00 | 91.06 7.04 -0.13 | 80.34 5.97 -0.06 | 69.64 5.29 0.00 | 52.80 4.19 0.00 | 53.92 4.42 -0.63 | 53.60 4.29 -0.86 | 56.09 5.84 0.00 | 57.67 5.38 0.00 | 70.91 6.37 0.00 | 78.19 7.50 -0.11 | 80.85 7.12 -0.23 | 63.68 4.73 -0.03 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| V_F_30_NSYNC___DSASP 323816 | 50.57 2.29 0.00 | 46.06 2.26 0.00 | 41.47 2.14 0.00 | 41.15 2.07 0.00 | 37.01 1.79 0.00 | 42.52 2.00 0.00 | 41.80 1.89 0.00 | 50.07 2.07 0.00 | 55.13 2.35 0.00 | 58.93 2.53 0.00 | 64.62 2.55 0.00 | 72.67 2.76 0.00 | 87.51 3.62 0.00 | 77.87 3.56 0.00 | 67.88 3.53 0.00 | 51.48 2.86 0.00 | 51.87 3.00 0.00 | 51.50 3.06 0.00 | 53.82 3.57 0.00 | 56.04 3.75 0.00 | 68.98 4.44 0.00 | 74.76 4.18 0.00 | 77.52 4.03 0.00 | 61.81 2.89 0.00 |
| V_F_30_SYNC_DSASP 323786 | 48.89 0.61 0.00 | 44.66 0.86 0.00 | 40.34 1.01 0.00 | 40.05 0.96 0.00 | 36.03 0.81 0.00 | 41.36 0.84 0.00 | 40.68 0.77 0.00 | 48.69 0.69 0.00 | 53.62 0.84 0.00 | 57.31 0.91 0.00 | 62.93 0.86 0.00 | 70.86 0.94 0.00 | 85.39 1.51 0.00 | 75.88 1.57 0.00 | 66.23 1.88 0.00 | 50.17 1.55 0.00 | 50.45 1.58 0.00 | 50.08 1.63 0.00 | 51.95 1.70 0.00 | 54.01 1.73 0.00 | 66.42 1.88 0.00 | 72.04 1.47 0.00 | 74.81 1.32 0.00 | 59.63 0.71 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 48.10 -0.18 0.00 | 43.36 -0.44 0.00 | 38.44 -0.90 0.00 | 38.50 -0.58 0.00 | 34.96 -0.26 0.00 | 40.57 0.05 0.00 | 39.82 -0.08 0.00 | 48.19 0.19 0.00 | 52.51 -0.26 0.00 | 56.00 -0.40 0.00 | 61.09 -0.97 0.00 | 68.37 -1.54 0.00 | 82.20 -1.68 0.00 | 72.70 -1.61 0.00 | 62.72 -1.63 0.00 | 46.69 -1.92 0.00 | 47.25 -1.62 0.00 | 46.84 -1.60 0.00 | 48.52 -1.73 0.00 | 50.44 -1.85 0.00 | 62.56 -1.98 0.00 | 68.87 -1.72 0.00 | 71.92 -1.58 0.00 | 58.20 -0.72 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 51.81 3.53 0.00 | 47.62 3.82 0.00 | 42.86 3.53 0.00 | 42.39 3.31 0.00 | 38.09 2.87 0.00 | 43.55 3.02 0.00 | 42.62 2.72 0.00 | 50.78 2.78 0.00 | 55.59 2.81 0.00 | 58.62 2.95 0.73 | 65.61 3.54 0.00 | 74.24 4.32 0.00 | 89.36 5.57 0.10 | 80.16 5.86 0.00 | 71.14 6.54 -0.26 | 71.70 5.71 -17.38 | 83.09 5.96 -28.26 | 94.92 5.80 -40.67 | 82.03 5.56 -26.22 | 83.83 5.49 -26.05 | 96.45 5.93 -25.98 | 91.22 5.81 -14.83 | 79.71 5.13 -1.08 | 62.37 3.45 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 50.37 2.09 0.00 | 46.06 2.25 0.00 | 41.48 2.15 0.00 | 41.16 2.07 0.00 | 37.01 1.79 0.00 | 42.50 1.98 0.00 | 41.88 1.97 0.00 | 50.14 2.14 0.00 | 55.00 2.22 0.00 | 58.63 2.23 0.00 | 64.77 2.70 0.00 | 73.38 3.47 0.00 | 88.66 4.77 0.00 | 79.02 4.72 0.00 | 69.18 4.84 0.00 | 52.81 4.19 0.00 | 53.10 4.23 0.00 | 52.59 4.14 0.00 | 54.21 3.97 0.00 | 56.45 4.16 0.00 | 68.88 4.34 0.00 | 74.40 3.82 0.00 | 76.97 3.47 0.00 | 61.13 2.21 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 50.67 2.39 0.00 | 46.44 2.64 0.00 | 41.84 2.51 0.00 | 41.48 2.39 0.00 | 37.31 2.09 0.00 | 42.87 2.35 0.00 | 42.34 2.43 0.00 | 50.65 2.64 0.00 | 55.46 2.68 0.00 | 59.03 2.63 0.00 | 65.11 3.04 0.00 | 73.74 3.83 0.00 | 89.20 5.31 0.00 | 79.53 5.23 0.00 | 69.54 5.20 0.00 | 53.23 4.61 0.00 | 53.46 4.60 0.00 | 52.88 4.44 0.00 | 54.37 4.13 0.00 | 56.62 4.33 0.00 | 69.06 4.52 0.00 | 74.52 3.94 0.00 | 77.09 3.59 0.00 | 61.30 2.38 0.00 |
| W50THST__13_KV_LOAD 356117 | 50.99 2.72 0.00 | 46.80 3.00 0.00 | 42.18 2.84 0.00 | 41.80 2.71 0.00 | 37.59 2.37 0.00 | 43.23 2.70 0.00 | 42.71 2.81 0.00 | 51.12 3.12 0.00 | 55.98 3.21 0.00 | 59.55 3.15 0.00 | 65.66 3.59 0.00 | 74.40 4.49 0.00 | 89.97 6.09 0.00 | 80.25 5.94 0.00 | 70.16 5.82 0.00 | 53.75 5.13 0.00 | 53.99 5.12 0.00 | 53.37 4.93 0.00 | 54.83 4.58 0.00 | 57.07 4.78 0.00 | 69.55 5.01 0.00 | 75.02 4.44 0.00 | 77.55 4.06 0.00 | 61.65 2.73 0.00 |
| WADING RIVER_IC_1 23522 | 50.96 2.68 0.00 | 46.86 3.05 0.00 | 42.16 2.83 0.00 | 41.71 2.62 0.00 | 37.47 2.25 0.00 | 42.82 2.30 0.00 | 41.92 2.02 0.00 | 49.90 1.90 0.00 | 54.64 1.86 0.00 | 57.20 2.06 1.26 | 64.54 2.46 0.00 | 72.98 3.07 0.00 | 87.35 3.58 0.11 | 78.37 4.06 0.00 | 69.73 5.27 -0.11 | 174.55 4.93 -121.01 | 240.19 5.07 -186.26 | 286.35 5.15 -232.75 | 271.39 5.13 -216.01 | 271.99 5.03 -214.67 | 284.03 5.41 -214.08 | 197.93 5.21 -122.14 | 84.26 4.53 -6.23 | 60.96 2.93 0.90 |
| WADING RIVER_IC_2 23547 | 50.96 2.68 0.00 | 46.86 3.05 0.00 | 42.16 2.83 0.00 | 41.71 2.62 0.00 | 37.47 2.25 0.00 | 42.82 2.30 0.00 | 41.92 2.02 0.00 | 49.90 1.90 0.00 | 54.64 1.86 0.00 | 57.20 2.06 1.26 | 64.54 2.46 0.00 | 72.98 3.07 0.00 | 87.35 3.58 0.11 | 78.37 4.06 0.00 | 69.73 5.27 -0.11 | 174.55 4.93 -121.01 | 240.19 5.07 -186.26 | 286.35 5.15 -232.75 | 271.39 5.13 -216.01 | 271.99 5.03 -214.67 | 284.03 5.41 -214.08 | 197.93 5.21 -122.14 | 84.26 4.53 -6.23 | 60.96 2.93 0.90 |
| WADING RIVER_IC_3 23601 | 50.96 2.68 0.00 | 46.86 3.05 0.00 | 42.16 2.83 0.00 | 41.71 2.62 0.00 | 37.47 2.25 0.00 | 42.82 2.30 0.00 | 41.92 2.02 0.00 | 49.90 1.90 0.00 | 54.64 1.86 0.00 | 57.20 2.06 1.26 | 64.54 2.46 0.00 | 72.98 3.07 0.00 | 87.35 3.58 0.11 | 78.37 4.06 0.00 | 69.73 5.27 -0.11 | 174.55 4.93 -121.01 | 240.19 5.07 -186.26 | 286.35 5.15 -232.75 | 271.39 5.13 -216.01 | 271.99 5.03 -214.67 | 284.03 5.41 -214.08 | 197.93 5.21 -122.14 | 84.26 4.53 -6.23 | 60.96 2.93 0.90 |
| WALDENNY_12_KV_BK2 80841 | 48.17 -0.11 0.00 | 43.29 -0.52 0.00 | 38.65 -0.68 0.00 | 38.34 -0.75 0.00 | 34.29 -0.93 0.00 | 39.84 -0.68 0.00 | 38.75 -1.16 0.00 | 47.25 -0.75 0.00 | 52.36 -0.42 0.00 | 57.16 0.76 0.00 | 62.47 0.40 0.00 | 69.78 -0.13 0.00 | 84.71 0.82 0.00 | 74.29 -0.01 0.00 | 64.36 0.02 0.00 | 48.71 0.09 0.00 | 45.50 0.07 3.43 | 43.67 -0.05 4.72 | 50.38 0.14 0.00 | 52.69 0.40 0.00 | 64.47 -0.07 0.00 | 70.62 0.03 0.00 | 73.50 0.00 0.00 | 59.13 0.20 0.00 |
| WALDEN__HYDRO 24148 | 50.24 1.96 0.00 | 45.88 2.08 0.00 | 41.34 2.01 0.00 | 41.01 1.92 0.00 | 36.87 1.65 0.00 | 42.36 1.83 0.00 | 41.73 1.82 0.00 | 50.01 2.00 0.00 | 55.03 2.25 0.00 | 58.63 2.23 0.00 | 64.75 2.68 0.00 | 73.30 3.39 0.00 | 88.60 4.71 0.00 | 78.93 4.63 0.00 | 69.09 4.75 0.00 | 52.65 4.04 0.00 | 53.01 4.14 0.00 | 52.56 4.11 0.00 | 54.29 4.05 0.00 | 56.49 4.20 0.00 | 69.03 4.49 0.00 | 74.60 4.02 0.00 | 77.17 3.67 0.00 | 61.29 2.36 0.00 |
| WARRENSBURG____ 23737 | 50.61 2.33 0.00 | 46.06 2.26 0.00 | 41.47 2.14 0.00 | 41.11 2.02 0.00 | 36.95 1.73 0.00 | 42.45 1.92 0.00 | 41.68 1.78 0.00 | 50.05 2.05 0.00 | 55.09 2.31 0.00 | 58.93 2.53 0.00 | 64.29 2.22 0.00 | 72.23 2.32 0.00 | 87.01 3.13 0.00 | 77.43 3.13 0.00 | 67.50 3.15 0.00 | 51.34 2.73 0.00 | 51.74 2.87 0.00 | 51.42 2.97 0.00 | 54.06 3.82 0.00 | 56.35 4.06 0.00 | 69.44 4.90 0.00 | 75.10 4.52 0.00 | 77.69 4.19 0.00 | 61.99 3.07 0.00 |
| WATERSIDE____6 8 9 23538 | 50.32 2.04 0.00 | 46.27 2.47 0.00 | 41.64 2.31 0.00 | 41.28 2.19 0.00 | 37.15 1.94 0.00 | 42.68 2.15 0.00 | 42.26 2.36 0.00 | 50.40 2.39 0.00 | 54.96 2.18 0.00 | 58.38 1.98 0.00 | 64.43 2.36 0.00 | 72.94 3.03 0.00 | 88.13 4.24 0.00 | 78.61 4.31 0.00 | 68.91 4.57 0.00 | 53.00 4.39 0.00 | 53.21 4.34 0.00 | 52.73 4.28 0.00 | 54.05 3.81 0.00 | 56.38 4.09 0.00 | 68.75 4.21 0.00 | 74.23 3.65 0.00 | 76.77 3.28 0.00 | 61.18 2.26 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 48.73 0.45 0.00 | 44.38 0.58 0.00 | 40.05 0.72 0.00 | 39.76 0.67 0.00 | 35.77 0.55 0.00 | 41.13 0.61 0.00 | 40.40 0.50 0.00 | 48.43 0.42 0.00 | 53.20 0.42 0.00 | 56.80 0.40 0.00 | 62.22 0.15 0.00 | 70.08 0.17 0.00 | 84.43 0.55 0.00 | 74.84 0.53 0.00 | 65.20 0.86 0.00 | 49.52 0.90 0.00 | 49.68 0.81 0.00 | 49.46 1.02 0.00 | 51.78 1.54 0.00 | 54.03 1.74 0.00 | 66.40 1.86 0.00 | 72.11 1.53 0.00 | 74.94 1.45 0.00 | 59.73 0.81 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|
| WDELAWARE___HYD 323627 | 49.23 0.96 0.00 | 44.87 1.07 0.00 | 40.39 1.06 0.00 | 40.05 0.96 0.00 | 36.01 0.80 0.00 | 41.36 0.84 0.00 | 40.75 0.84 0.00 | 48.88 0.87 0.00 | 53.73 0.95 0.00 | 57.35 0.94 0.00 | 63.28 1.21 0.00 | 71.71 1.80 0.00 | 86.57 2.68 0.00 | 77.29 2.99 0.00 | 67.67 3.33 0.00 | 51.43 2.82 0.00 | 51.94 3.07 0.00 | 51.51 3.06 0.00 | 53.29 3.04 0.00 | 55.40 3.11 0.00 | 67.82 3.28 0.00 | 73.35 2.76 0.00 | 75.80 2.30 0.00 | 60.14 1.22 0.00 |
| WEST BABYLON___IC 23714 | 51.81 3.53 0.00 | 47.62 3.82 0.00 | 42.86 3.53 0.00 | 42.39 3.31 0.00 | 38.09 2.87 0.00 | 43.55 3.02 0.00 | 42.62 2.72 0.00 | 50.78 2.78 0.00 | 55.59 2.81 0.00 | 58.62 2.95 0.73 | 65.61 3.54 0.00 | 74.24 4.32 0.00 | 89.36 5.57 0.10 | 80.16 5.86 0.00 | 71.14 6.54 -0.26 | 71.70 5.71 -17.38 | 83.09 5.96 -28.26 | 94.92 5.80 -40.67 | 82.03 5.56 -26.22 | 83.83 5.49 -26.05 | 96.45 5.93 -25.98 | 91.22 5.81 -14.83 | 79.71 5.13 -1.08 | 62.37 3.45 0.00 |
| WEST CANADA___HYD 24049 | 48.36 0.08 0.00 | 43.94 0.14 0.00 | 39.53 0.20 0.00 | 39.28 0.19 0.00 | 35.37 0.15 0.00 | 40.68 0.16 0.00 | 40.01 0.11 0.00 | 48.08 0.08 0.00 | 52.88 0.10 0.00 | 56.52 0.11 0.00 | 62.18 0.11 0.00 | 70.06 0.15 0.00 | 84.22 0.34 0.00 | 74.62 0.32 0.00 | 64.81 0.46 0.00 | 49.03 0.42 0.00 | 49.29 0.42 0.00 | 48.91 0.47 0.00 | 50.75 0.50 0.00 | 52.80 0.52 0.00 | 65.05 0.51 0.00 | 70.99 0.41 0.00 | 73.87 0.37 0.00 | 59.10 0.18 0.00 |
| WESTERN_NY_WIND 24143 | 49.70 1.42 0.00 | 44.61 0.81 0.00 | 39.79 0.45 0.00 | 39.44 0.36 0.00 | 35.32 0.10 0.00 | 41.03 0.51 0.00 | 40.00 0.10 0.00 | 48.72 0.72 0.00 | 53.74 0.96 0.00 | 58.44 2.03 0.00 | 64.11 2.04 0.00 | 71.77 1.86 0.00 | 86.96 3.08 0.00 | 76.42 2.12 0.00 | 66.44 2.09 0.00 | 50.01 1.39 0.00 | 48.55 1.43 1.74 | 47.11 1.15 2.48 | 51.80 1.55 0.00 | 54.20 1.91 0.00 | 66.29 1.75 0.00 | 72.52 1.94 0.00 | 75.48 1.98 0.00 | 60.61 1.68 0.00 |
| WESTOVER___LESR 323668 | 48.25 -0.03 0.00 | 43.80 0.00 0.00 | 39.46 0.13 0.00 | 39.21 0.13 0.00 | 35.20 -0.02 0.00 | 40.60 0.08 0.00 | 39.75 -0.15 0.00 | 48.08 0.07 0.00 | 52.86 0.08 0.00 | 56.78 0.38 0.00 | 62.44 0.37 0.00 | 70.36 0.45 0.00 | 85.13 1.12 -0.12 | 75.25 0.89 -0.06 | 65.39 1.05 0.00 | 49.55 0.94 0.00 | 49.77 0.90 0.00 | 49.47 1.02 0.00 | 51.58 1.33 0.00 | 53.69 1.40 0.00 | 65.72 1.18 0.00 | 71.81 1.12 -0.10 | 74.70 0.98 -0.22 | 59.26 0.31 -0.03 |
| WETHRSFD_WT_PWR 323626 | 47.04 -1.24 0.00 | 42.29 -1.52 0.00 | 37.80 -1.53 0.00 | 37.52 -1.56 0.00 | 33.61 -1.60 0.00 | 39.01 -1.51 0.00 | 38.02 -1.88 0.00 | 46.17 -1.83 0.00 | 50.95 -1.83 0.00 | 55.37 -1.03 0.00 | 60.49 -1.58 0.00 | 67.77 -2.14 0.00 | 82.53 -1.36 0.00 | 72.23 -2.08 0.00 | 62.84 -1.50 0.00 | 47.65 -0.96 0.00 | 32.80 -1.34 14.73 | 26.71 -1.50 20.23 | 49.40 -0.85 0.00 | 52.14 -0.14 0.00 | 64.14 -0.41 0.00 | 70.53 -0.06 0.00 | 73.43 -0.06 0.00 | 58.83 -0.09 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 50.07 1.79 0.00 | 45.80 2.00 0.00 | 41.26 1.93 0.00 | 40.95 1.86 0.00 | 36.81 1.59 0.00 | 42.27 1.75 0.00 | 41.66 1.75 0.00 | 49.85 1.84 0.00 | 54.64 1.86 0.00 | 58.22 1.82 0.00 | 64.29 2.22 0.00 | 72.81 2.90 0.00 | 87.96 4.07 0.00 | 78.36 4.05 0.00 | 68.59 4.24 0.00 | 52.35 3.74 0.00 | 52.63 3.76 0.00 | 52.13 3.68 0.00 | 53.77 3.52 0.00 | 55.98 3.69 0.00 | 68.34 3.80 0.00 | 73.81 3.23 0.00 | 76.43 2.94 0.00 | 60.73 1.81 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 50.07 1.79 0.00 | 45.80 2.00 0.00 | 41.26 1.93 0.00 | 40.95 1.86 0.00 | 36.81 1.59 0.00 | 42.27 1.75 0.00 | 41.66 1.75 0.00 | 49.85 1.84 0.00 | 54.64 1.86 0.00 | 58.22 1.82 0.00 | 64.29 2.22 0.00 | 72.81 2.90 0.00 | 87.96 4.07 0.00 | 78.36 4.05 0.00 | 68.59 4.24 0.00 | 52.35 3.74 0.00 | 52.63 3.76 0.00 | 52.13 3.68 0.00 | 53.77 3.52 0.00 | 55.98 3.69 0.00 | 68.34 3.80 0.00 | 73.81 3.23 0.00 | 76.43 2.94 0.00 | 60.73 1.81 0.00 |
| WHITEHAL_115KV_TB1 80871 | 51.41 3.13 0.00 | 46.67 2.87 0.00 | 41.84 2.51 0.00 | 41.43 2.34 0.00 | 37.17 1.96 0.00 | 42.70 2.18 0.00 | 41.96 2.05 0.00 | 50.55 2.54 0.00 | 55.47 2.69 0.00 | 59.23 2.83 0.00 | 64.70 2.63 0.00 | 72.14 2.23 0.00 | 87.05 3.17 0.00 | 77.28 2.98 0.00 | 67.55 3.20 0.00 | 51.89 3.27 0.00 | 51.99 3.13 0.00 | 51.50 3.06 0.00 | 54.18 3.93 0.00 | 56.69 4.41 0.00 | 69.80 5.26 0.00 | 75.02 4.44 0.00 | 77.71 4.22 0.00 | 62.49 3.57 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 51.02 2.74 0.00 | 46.66 2.86 0.00 | 42.02 2.69 0.00 | 41.67 2.59 0.00 | 37.47 2.25 0.00 | 43.05 2.53 0.00 | 42.47 2.56 0.00 | 50.89 2.88 0.00 | 55.83 3.05 0.00 | 59.55 3.15 0.00 | 65.73 3.67 0.00 | 74.44 4.53 0.00 | 90.02 6.13 0.00 | 80.25 5.95 0.00 | 70.30 5.95 0.00 | 53.71 5.10 0.00 | 54.02 5.15 0.00 | 53.47 5.03 0.00 | 55.05 4.81 0.00 | 57.25 4.96 0.00 | 69.84 5.30 0.00 | 75.43 4.85 0.00 | 77.96 4.46 0.00 | 61.91 2.99 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 51.49 3.21 0.00 | 47.34 3.54 0.00 | 42.61 3.27 0.00 | 42.14 3.06 0.00 | 37.86 2.64 0.00 | 43.29 2.77 0.00 | 42.37 2.47 0.00 | 50.44 2.43 0.00 | 55.18 2.40 0.00 | 57.67 2.62 1.36 | 65.17 3.10 0.00 | 73.68 3.78 0.00 | 88.37 4.60 0.11 | 79.25 4.95 0.00 | 70.47 6.02 -0.11 | 177.42 5.44 -123.37 | 244.32 5.59 -189.87 | 291.16 5.56 -237.15 | 276.02 5.43 -220.35 | 276.68 5.41 -218.98 | 288.77 5.85 -218.37 | 200.90 5.73 -124.59 | 85.00 5.03 -6.46 | 61.40 3.36 0.88 |
| WOODARD___115KV_TB2 355635 | 50.15 -0.23 -2.09 | 44.85 -0.27 -1.32 | 40.05 -0.23 -0.95 | 39.74 -0.27 -0.93 | 34.98 -0.32 -0.08 | 41.24 -0.32 -1.04 | 40.53 -0.38 -1.00 | 49.41 -0.34 -1.74 | 54.54 -0.32 -2.08 | 58.87 -0.11 -2.58 | 64.88 -0.11 -2.92 | 73.32 -0.03 -3.44 | 87.55 0.37 -3.29 | 74.72 0.31 -0.10 | 64.83 0.48 0.00 | 49.05 0.43 0.00 | 49.23 0.36 0.00 | 48.73 0.29 0.00 | 50.59 0.34 0.00 | 52.66 0.37 0.00 | 64.78 0.23 0.00 | 70.92 0.15 -0.19 | 73.89 -0.02 -0.41 | 58.71 -0.26 -0.05 |
| WOODMERE_69_KV_BK1 55827 | 51.61 3.33 0.00 | 47.30 3.49 0.00 | 42.55 3.22 0.00 | 42.12 3.04 0.00 | 37.85 2.63 0.00 | 43.36 2.84 0.00 | 42.54 2.63 0.00 | 50.76 2.76 0.00 | 55.65 2.88 0.00 | 59.41 3.01 0.00 | 65.67 3.61 0.00 | 74.46 4.56 0.00 | 90.04 6.01 -0.14 | 80.45 6.14 0.00 | 72.88 6.41 -2.13 | 57.83 5.32 -3.90 | 61.46 5.49 -7.10 | 66.91 5.38 -13.08 | 55.30 5.05 0.00 | 57.35 5.06 0.00 | 69.94 5.40 0.00 | 75.81 5.20 -0.03 | 110.39 4.59 -32.30 | 73.13 3.42 -10.78 |
| YORK___WARBASSE 23770 | 50.60 2.33 0.00 | 46.46 2.66 0.00 | 41.76 2.43 0.00 | 41.39 2.30 0.00 | 37.23 2.01 0.00 | 42.79 2.26 0.00 | 42.34 2.44 0.00 | 50.47 2.47 0.00 | 55.03 2.26 0.00 | 58.53 2.12 0.00 | 64.63 2.56 0.00 | 73.16 3.24 0.00 | 88.36 4.47 0.00 | 78.81 4.50 0.00 | 69.10 4.76 0.00 | 53.11 4.50 0.00 | 53.37 4.50 0.00 | 52.89 4.45 0.00 | 54.26 4.01 0.00 | 56.62 4.33 0.00 | 69.02 4.48 0.00 | 74.57 3.99 0.00 | 77.14 3.64 0.00 | 61.53 2.61 0.00 |