

Time Weighted/Integrated Real Time LBMP- Generator

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | --- Scarcity Pricing In Effect (Y/N) | | | | | | | | | |
|-------------------------------|------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|--|--|--|--|--|--|
| Generator Data | | 09/12/2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT | | | | | | |
| 59TH STREET_GT_1 24138 | | 36.60 | 34.91 | 35.56 | 34.77 | 36.47 | 38.23 | 38.76 | 41.95 | 46.58 | 53.90 | 174.69 | 195.83 | 64.55 | 60.63 | 92.88 | 107.92 | 175.99 | 181.50 | 80.71 | 103.22 | 56.44 | 43.71 | 39.59 | 40.63 | | | | | | |
| | | 2.25 | 2.08 | 2.17 | 2.12 | 2.15 | 1.93 | 2.61 | 3.54 | 4.96 | 6.36 | 4.56 | 2.69 | 4.73 | 4.56 | 4.29 | 4.13 | 4.31 | 3.53 | 3.95 | 4.30 | 4.15 | 4.90 | 4.19 | 3.54 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -136.42 | -172.56 | -23.23 | -20.38 | -54.44 | -71.25 | -138.63 | -150.14 | -44.70 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| 74TH STREET_GT_1 24260 | | 36.63 | 34.95 | 35.59 | 34.80 | 36.50 | 38.27 | 38.79 | 41.99 | 46.64 | 53.95 | 174.72 | 195.84 | 64.58 | 60.65 | 92.89 | 107.93 | 176.01 | 181.50 | 80.72 | 103.26 | 56.49 | 43.77 | 39.64 | 40.68 | | | | | | |
| | | 2.29 | 2.12 | 2.21 | 2.15 | 2.19 | 1.97 | 2.64 | 3.58 | 5.02 | 6.41 | 4.59 | 2.70 | 4.76 | 4.57 | 4.30 | 4.14 | 4.32 | 3.53 | 3.96 | 4.33 | 4.20 | 4.96 | 4.24 | 3.59 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -136.42 | -172.57 | -23.23 | -20.38 | -54.44 | -71.25 | -138.63 | -150.14 | -44.70 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| 74TH STREET_GT_2 24261 | | 36.63 | 34.95 | 35.59 | 34.80 | 36.50 | 38.27 | 38.79 | 41.99 | 46.64 | 53.95 | 174.72 | 195.84 | 64.58 | 60.65 | 92.89 | 107.93 | 176.01 | 181.50 | 80.72 | 103.26 | 56.49 | 43.77 | 39.64 | 40.68 | | | | | | |
| | | 2.29 | 2.12 | 2.21 | 2.15 | 2.19 | 1.97 | 2.64 | 3.58 | 5.02 | 6.41 | 4.59 | 2.70 | 4.76 | 4.57 | 4.30 | 4.14 | 4.32 | 3.53 | 3.96 | 4.33 | 4.20 | 4.96 | 4.24 | 3.59 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -136.42 | -172.57 | -23.23 | -20.38 | -54.44 | -71.25 | -138.63 | -150.14 | -44.70 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK HUDSON___FALLS 24011 | | 34.55 | 32.99 | 33.52 | 32.82 | 34.63 | 36.25 | 36.55 | 39.29 | 43.50 | 50.05 | 35.61 | 21.64 | 38.49 | 37.50 | 35.77 | 34.22 | 34.99 | 29.32 | 33.55 | 36.37 | 35.66 | 40.73 | 36.63 | 37.92 | | | | | | |
| | | 0.20 | 0.16 | 0.14 | 0.17 | 0.31 | -0.05 | 0.40 | 0.87 | 1.88 | 2.51 | 1.89 | 1.07 | 1.91 | 1.80 | 1.61 | 1.69 | 1.93 | 1.49 | 1.49 | 1.84 | 1.76 | 1.92 | 1.24 | 0.83 | | | | | | |
| | | 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 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK RESOURCE___RCVRY 23798 | | 35.11 | 33.50 | 34.01 | 33.34 | 35.24 | 36.79 | 37.28 | 40.03 | 44.34 | 50.85 | 46.42 | 34.98 | 40.83 | 39.56 | 40.28 | 40.00 | 45.95 | 41.11 | 37.40 | 41.78 | 37.63 | 41.43 | 37.29 | 38.69 | | | | | | |
| | | 0.77 | 0.66 | 0.63 | 0.69 | 0.93 | 0.49 | 1.13 | 1.62 | 2.72 | 3.32 | 2.40 | 1.34 | 2.47 | 2.32 | 1.97 | 2.02 | 2.30 | 1.80 | 1.92 | 2.33 | 2.33 | 2.62 | 1.90 | 1.60 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.31 | -13.08 | -1.78 | -1.56 | -4.16 | -5.45 | -10.60 | -11.48 | -3.42 | -4.92 | -1.41 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK S GLENS___FALLS 24028 | | 34.55 | 32.99 | 33.52 | 32.82 | 34.63 | 36.25 | 36.55 | 39.29 | 43.50 | 50.05 | 35.61 | 21.64 | 38.49 | 37.50 | 35.77 | 34.22 | 34.99 | 29.32 | 33.55 | 36.37 | 35.66 | 40.73 | 36.63 | 37.92 | | | | | | |
| | | 0.20 | 0.16 | 0.14 | 0.17 | 0.31 | -0.05 | 0.40 | 0.87 | 1.88 | 2.51 | 1.89 | 1.07 | 1.91 | 1.80 | 1.61 | 1.69 | 1.93 | 1.49 | 1.49 | 1.84 | 1.76 | 1.92 | 1.24 | 0.83 | | | | | | |
| | | 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 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK_NYS___DAM 23527 | | 35.50 | 33.87 | 34.48 | 33.78 | 35.63 | 37.16 | 37.25 | 40.07 | 44.13 | 50.59 | 35.94 | 21.87 | 38.90 | 37.93 | 36.10 | 34.51 | 35.30 | 29.60 | 33.99 | 36.76 | 36.04 | 41.26 | 37.38 | 38.83 | | | | | | |
| | | 1.16 | 1.04 | 1.09 | 1.13 | 1.31 | 0.86 | 1.10 | 1.66 | 2.51 | 3.05 | 2.23 | 1.30 | 2.31 | 2.23 | 1.95 | 1.98 | 2.25 | 1.77 | 1.93 | 2.23 | 2.14 | 2.45 | 1.98 | 1.73 | | | | | | |
| | | 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 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| AIR_PRODUCTS___DRP 24190 | | 35.39 | 33.87 | 34.52 | 33.79 | 35.52 | 36.97 | 36.36 | 38.91 | 42.80 | 49.15 | 27.06 | 11.42 | 36.59 | 35.80 | 32.30 | 29.78 | 26.73 | 20.45 | 30.67 | 32.21 | 33.99 | 40.14 | 36.39 | 37.90 | | | | | | |
| | | 1.05 | 1.04 | 1.14 | 1.14 | 1.21 | 0.67 | 0.21 | 0.50 | 1.18 | 1.61 | 1.33 | 0.87 | 1.33 | 1.26 | 1.25 | 1.30 | 1.56 | 1.16 | 1.15 | 1.35 | 1.14 | 1.33 | 0.99 | 0.81 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.98 | 10.02 | 1.32 | 1.16 | 3.10 | 4.05 | 7.88 | 8.53 | 2.54 | 3.66 | 1.05 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ALBANY___1 23571 | | 35.39 | 33.87 | 34.52 | 33.79 | 35.52 | 36.97 | 36.36 | 38.91 | 42.80 | 49.15 | 27.06 | 11.42 | 36.59 | 35.80 | 32.30 | 29.78 | 26.73 | 20.45 | 30.67 | 32.21 | 33.99 | 40.14 | 36.39 | 37.90 | | | | | | |
| | | 1.05 | 1.04 | 1.14 | 1.14 | 1.21 | 0.67 | 0.21 | 0.50 | 1.18 | 1.61 | 1.33 | 0.87 | 1.33 | 1.26 | 1.25 | 1.30 | 1.56 | 1.16 | 1.15 | 1.35 | 1.14 | 1.33 | 0.99 | 0.81 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.98 | 10.02 | 1.32 | 1.16 | 3.10 | 4.05 | 7.88 | 8.53 | 2.54 | 3.66 | 1.05 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ALBANY___2 23572 | | 35.39 | 33.87 | 34.52 | 33.79 | 35.52 | 36.97 | 36.36 | 38.91 | 42.80 | 49.15 | 27.06 | 11.42 | 36.59 | 35.80 | 32.30 | 29.78 | 26.73 | 20.45 | 30.67 | 32.21 | 33.99 | 40.14 | 36.39 | 37.90 | | | | | | |
| | | 1.05 | 1.04 | 1.14 | 1.14 | 1.21 | 0.67 | 0.21 | 0.50 | 1.18 | 1.61 | 1.33 | 0.87 | 1.33 | 1.26 | 1.25 | 1.30 | 1.56 | 1.16 | 1.15 | 1.35 | 1.14 | 1.33 | 0.99 | 0.81 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.98 | 10.02 | 1.32 | 1.16 | 3.10 | 4.05 | 7.88 | 8.53 | 2.54 | 3.66 | 1.05 | 0.00 | 0.00 | 0.00 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ALBANY___3 | | 35.39 | 33.87 | 34.52 | 33.79 | 35.52 | 36.97 | 36.36 | 38.91 | 42.80 | 49.15 | 27.06 | 11.42 | 36.59 | 35.80 | 32.30 | 29.78 | 26.73 | 20.45 | 30.67 | 32.21 | 33.99 | 40.14 | 36.39 | 37.90 | | | | | | |
| | | 1.05 | 1.04 | 1.14 | 1.14 | 1.21 | 0.67 | 0.21 | 0.50 | 1.18 | 1.61 | 1.33 | 0.87 | 1.33 | 1.26 | 1.25 | 1.30 | 1.56 | 1.16 | 1.15 | 1.35 | 1.14 | 1.33 | 0.99 | 0.81 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.98 | 10.02 | 1.32 | 1.16 | 3.10 | 4.05 | 7.88 | 8.53 | 2.54 | 3.66 | 1.05 | 0.00 | 0.00 | 0.00 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23573 | 1.05 0.00 N | 1.04 0.00 N | 1.14 0.00 N | 1.14 0.00 N | 1.21 0.00 N | 0.67 0.00 N | 0.21 0.00 N | 0.50 0.00 N | 1.18 0.00 N | 1.61 0.00 N | 1.33 7.98 N | 0.87 10.02 N | 1.33 1.32 N | 1.26 1.16 N | 1.25 3.10 N | 1.30 4.05 N | 1.56 7.88 N | 1.16 8.53 N | 1.15 2.54 N | 1.35 3.66 N | 1.14 1.05 N | 1.33 0.00 N | 0.99 0.00 N | 0.81 0.00 N |
| ALBANY____4 23574 | 35.39 1.05 0.00 N | 33.87 1.04 0.00 N | 34.52 1.14 0.00 N | 33.79 1.14 0.00 N | 35.52 1.21 0.00 N | 36.97 0.67 0.00 N | 36.36 0.21 0.00 N | 38.91 0.50 0.00 N | 42.80 1.18 0.00 N | 49.15 1.61 0.00 N | 27.06 1.33 7.98 N | 11.42 0.87 10.02 N | 36.59 1.33 1.32 N | 35.80 1.26 1.16 N | 32.30 1.25 3.10 N | 29.78 1.30 4.05 N | 26.73 1.56 7.88 N | 20.45 1.16 8.53 N | 30.67 1.15 2.54 N | 32.21 1.35 3.66 N | 33.99 1.14 1.05 N | 40.14 1.33 0.00 N | 36.39 0.99 0.00 N | 37.90 0.81 0.00 N |
| ALBANY____LFGE 323615 | 35.54 1.20 0.00 N | 33.99 1.16 0.00 N | 34.65 1.27 0.00 N | 33.90 1.26 0.00 N | 35.66 1.35 0.00 N | 37.20 0.90 0.00 N | 36.81 0.66 0.00 N | 39.40 0.99 0.00 N | 43.36 1.74 0.00 N | 49.85 2.31 0.00 N | 28.91 1.81 6.61 N | 13.44 1.16 8.29 N | 37.38 1.88 1.09 N | 36.53 1.80 0.96 N | 33.39 1.79 2.56 N | 31.00 1.81 3.34 N | 28.62 2.06 6.50 N | 22.38 1.59 7.04 N | 31.54 1.58 2.10 N | 33.33 1.82 3.02 N | 34.65 1.62 0.86 N | 40.68 1.87 0.00 N | 36.84 1.44 0.00 N | 38.29 1.19 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 33.97 -0.37 0.00 N | 32.58 -0.25 0.00 N | 33.00 -0.38 0.00 N | 32.28 -0.37 0.00 N | 33.92 -0.40 0.00 N | 36.24 -0.06 0.00 N | 35.89 -0.26 0.00 N | 37.61 -0.81 0.00 N | 40.76 -0.86 0.00 N | 45.91 -1.63 0.00 N | 32.73 -0.98 0.00 N | 19.90 -0.67 0.00 N | 35.42 -1.16 0.00 N | 34.32 -1.37 0.00 N | 32.83 -1.33 0.00 N | 31.19 -1.34 0.00 N | 31.68 -1.38 0.00 N | 26.77 -1.06 0.00 N | 30.96 -1.10 0.00 N | 33.25 -1.28 0.00 N | 32.72 -1.18 0.00 N | 37.77 -1.04 0.00 N | 34.18 -1.21 0.00 N | 36.68 -0.41 0.00 N |
| ALLEGHENY____COGEN 23514 | 34.77 0.43 0.00 N | 33.11 0.28 0.00 N | 33.68 0.29 0.00 N | 32.90 0.25 0.00 N | 34.68 0.36 0.00 N | 36.75 0.45 0.00 N | 37.25 1.11 0.00 N | 39.84 1.43 0.00 N | 42.95 1.32 0.00 N | 49.13 1.59 -15.51 N | 50.18 0.96 -19.62 N | 40.17 -0.01 -2.64 N | 39.09 -0.14 -2.31 N | 38.10 0.10 -2.31 N | 40.49 0.15 -6.18 N | 40.68 0.05 -8.09 N | 47.86 -0.93 -15.74 N | 44.05 -0.83 -17.05 N | 36.93 -0.21 -5.07 N | 41.40 -0.44 -7.31 N | 35.93 -0.06 -2.09 N | 40.01 1.20 0.00 N | 36.63 1.24 0.00 N | 37.10 0.00 0.00 N |
| ALTONA_WT_PWR 323606 | 33.96 -0.39 0.00 N | 32.59 -0.24 0.00 N | 32.97 -0.42 0.00 N | 32.25 -0.40 0.00 N | 33.86 -0.46 0.00 N | 35.96 -0.34 0.00 N | 35.70 -0.45 0.00 N | 37.73 -0.68 0.00 N | 41.21 -0.41 0.00 N | 46.96 -0.58 0.00 N | 33.34 -0.37 0.00 N | 20.30 -0.27 0.00 N | 36.20 -0.39 0.00 N | 35.16 -0.53 0.00 N | 33.55 -0.60 0.00 N | 32.01 -0.52 0.00 N | 32.65 -0.40 0.00 N | 27.60 -0.23 0.00 N | 31.90 -0.17 0.00 N | 34.39 -0.13 0.00 N | 33.70 -0.20 0.00 N | 38.51 -0.30 0.00 N | 34.76 -0.63 0.00 N | 36.98 -0.11 0.00 N |
| AMERICAN_REF_FUEL 24010 | 33.54 -0.80 0.00 N | 31.96 -0.87 0.00 N | 32.52 -0.86 0.00 N | 31.82 -0.83 0.00 N | 33.50 -0.82 0.00 N | 35.33 -0.97 0.00 N | 35.45 -0.70 0.00 N | 37.85 -0.56 0.00 N | 39.57 -2.05 0.00 N | 45.12 -2.42 -13.92 N | 45.87 -1.76 -17.48 N | 37.13 -0.93 -23.23 N | 37.10 -1.84 -2.34 N | 36.20 -1.55 -2.06 N | 38.30 -1.35 -5.49 N | 38.20 -1.52 -7.19 N | 45.11 -1.93 -13.98 N | 41.50 -1.48 -15.15 N | 34.92 -1.65 -4.51 N | 39.01 -2.01 -6.50 N | 33.96 -1.79 -1.85 N | 36.73 -2.07 0.00 N | 34.34 -1.06 0.00 N | 34.91 -2.19 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 36.55 2.21 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.42 2.11 0.00 N | 38.15 1.85 0.00 N | 38.71 2.56 0.00 N | 42.00 3.58 0.00 N | 46.56 4.93 -0.01 N | 53.79 6.26 0.00 N | 174.58 4.45 -136.42 N | 195.68 2.55 -172.56 N | 64.34 4.53 -23.23 N | 60.51 4.44 -20.38 N | 92.71 4.11 -54.44 N | 107.74 3.95 -71.25 N | 175.91 4.22 -138.63 N | 181.42 3.45 -150.14 N | 80.67 3.92 -44.70 N | 103.16 4.23 -64.40 N | 59.14 4.17 -21.08 N | 50.24 4.83 -6.60 N | 49.43 4.15 -9.88 N | 43.75 3.57 -3.09 N |
| ARTHUR_KILL_2 23512 | 36.55 2.21 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.42 2.11 0.00 N | 38.15 1.85 0.00 N | 38.71 2.56 0.00 N | 42.00 3.58 0.00 N | 46.56 4.93 -0.01 N | 53.79 6.26 0.00 N | 174.58 4.45 -136.42 N | 195.68 2.55 -172.56 N | 64.34 4.53 -23.23 N | 60.51 4.44 -20.38 N | 92.71 4.11 -54.44 N | 107.74 3.95 -71.25 N | 175.91 4.22 -138.63 N | 181.42 3.45 -150.14 N | 80.67 3.92 -44.70 N | 103.16 4.23 -64.40 N | 59.14 4.17 -21.08 N | 50.24 4.83 -6.60 N | 49.43 4.15 -9.88 N | 43.75 3.57 -3.09 N |
| ARTHUR_KILL_3 23513 | 36.45 2.11 0.00 N | 34.80 1.97 0.00 N | 35.45 2.06 0.00 N | 34.66 2.02 0.00 N | 36.34 2.02 0.00 N | 38.06 1.76 0.00 N | 38.61 2.46 0.00 N | 41.83 3.42 0.00 N | 46.42 4.80 0.00 N | 53.73 6.19 0.00 N | 174.55 4.42 -136.42 N | 195.71 2.57 -172.57 N | 64.33 4.51 -23.23 N | 60.36 4.29 -20.38 N | 92.64 4.04 -54.44 N | 107.68 3.89 -71.25 N | 175.76 4.07 -138.63 N | 181.28 3.31 -150.14 N | 80.48 3.72 -44.70 N | 102.98 4.05 -64.40 N | 58.91 3.95 -21.07 N | 49.15 4.74 -5.60 N | 44.75 4.08 -5.27 N | 42.79 3.42 -2.27 N |
| ASHOKAN____ 23654 | 37.74 3.40 0.00 N | 36.06 3.23 0.00 N | 36.75 3.36 0.00 N | 35.94 3.29 0.00 N | 37.85 3.53 0.00 N | 39.81 3.51 0.00 N | 40.27 4.12 0.00 N | 42.62 4.21 0.00 N | 47.24 5.62 0.00 N | 54.68 7.14 0.00 N | 151.37 5.15 -112.50 N | 164.97 3.16 -141.24 N | 60.52 5.27 -18.66 N | 57.00 4.94 -16.37 N | 82.88 4.99 -43.74 N | 94.63 4.83 -57.27 N | 149.47 4.99 -111.43 N | 152.62 4.12 -120.68 N | 72.31 4.32 -35.93 N | 91.15 4.86 -51.76 N | 53.33 4.66 -14.78 N | 44.23 5.42 0.00 N | 39.91 4.52 0.00 N | 41.08 3.99 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 36.48 2.14 0.00 N | 34.89 2.06 0.00 N | 35.42 2.04 0.00 N | 34.74 2.09 0.00 N | 36.37 2.05 0.00 N | 38.12 1.82 0.00 N | 38.58 2.43 0.00 N | 41.86 3.45 0.00 N | 46.50 4.87 -0.01 N | 53.72 6.18 0.00 N | 174.54 4.40 -136.42 N | 190.09 2.63 -166.89 N | 64.43 4.61 -23.23 N | 60.52 4.45 -20.38 N | 92.77 4.18 -54.44 N | 107.74 3.96 -71.24 N | 175.80 4.13 -138.63 N | 181.34 3.38 -150.13 N | 80.54 3.78 -44.69 N | 103.04 4.12 -64.40 N | 56.36 4.07 -18.39 N | 43.62 4.81 0.00 N | 39.53 4.13 0.00 N | 40.57 3.48 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 36.48 2.14 0.00 N | 34.89 2.05 0.00 N | 35.42 2.04 0.00 N | 34.74 2.09 0.00 N | 36.37 2.05 0.00 N | 38.12 1.82 0.00 N | 38.58 2.43 0.00 N | 41.86 3.45 0.00 N | 46.50 4.87 -0.01 N | 53.72 6.18 0.00 N | 174.54 4.40 -136.42 N | 190.09 2.63 -166.89 N | 64.43 4.61 -23.23 N | 60.52 4.45 -20.38 N | 92.77 4.18 -54.44 N | 107.74 3.96 -71.24 N | 175.80 4.13 -138.63 N | 181.34 3.38 -150.13 N | 80.54 3.78 -44.69 N | 103.04 4.12 -64.40 N | 56.36 4.07 -18.39 N | 43.62 4.81 0.00 N | 39.53 4.13 0.00 N | 40.57 3.48 0.00 N |
| ASTORIA_GT2_1 24094 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
| ASTORIA_GT2_2 24095 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT2_3 24096 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT2_4 24097 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT3_1 24098 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT3_2 24099 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT3_3 24100 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 N | 38.60 2.45 0.00 N | 41.89 3.47 0.00 N | 46.52 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.44 4.61 -23.23 N | 60.55 4.47 -20.38 N | 92.79 4.19 -54.44 N | 107.76 3.98 -71.24 N | 175.82 4.14 -138.63 N | 181.36 3.39 -150.13 N | 80.56 3.80 -44.69 N | 103.07 4.14 -64.40 N | 56.38 4.10 -18.39 N | 43.64 4.83 0.00 N | 39.54 4.14 0.00 N | 40.60 3.50 0.00 N |
| ASTORIA_GT3_4 24101 | 36.49 2.15 0.00 N | 34.91 2.07 0.00 N | 35.43 2.05 0.00 N | 34.75 2.10 0.00 N | 36.40 2.08 0.00 N | 38.14 1.84 0.00 | | | | | | | | | | | | | | | | | | |

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|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|--------|--------|--------|--------|---------|---------|--------|--------|--------|-------|-------|-------|---|---|
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_12 | 36.62 | 34.98 | 35.58 | 34.83 | 36.51 | 38.27 | 38.78 | 42.00 | 46.66 | 53.94 | 174.69 | 190.12 | 64.50 | 60.61 | 92.82 | 107.82 | 175.91 | 181.41 | 80.64 | 103.13 | 56.46 | 43.76 | 39.64 | 40.67 | | |
| 24226 | 2.28 | 2.15 | 2.19 | 2.18 | 2.19 | 1.97 | 2.63 | 3.59 | 5.04 | 6.40 | 4.55 | 2.65 | 4.68 | 4.54 | 4.23 | 4.04 | 4.23 | 3.45 | 3.89 | 4.21 | 4.17 | 4.95 | 4.24 | 3.58 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA_GT_13 | 36.62 | 34.98 | 35.58 | 34.83 | 36.51 | 38.27 | 38.78 | 42.00 | 46.66 | 53.94 | 174.69 | 190.12 | 64.50 | 60.61 | 92.82 | 107.82 | 175.91 | 181.41 | 80.64 | 103.13 | 56.46 | 43.76 | 39.64 | 40.67 | | |
| 24227 | 2.28 | 2.15 | 2.19 | 2.18 | 2.19 | 1.97 | 2.63 | 3.59 | 5.04 | 6.40 | 4.55 | 2.65 | 4.68 | 4.54 | 4.23 | 4.04 | 4.23 | 3.45 | 3.89 | 4.21 | 4.17 | 4.95 | 4.24 | 3.58 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA_GT_5 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 24106 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA_GT_7 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 24107 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA_GT_8 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 24108 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA___2 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 24149 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA___3 | 36.62 | 34.98 | 35.58 | 34.83 | 36.51 | 38.27 | 38.77 | 42.00 | 46.66 | 53.94 | 174.69 | 190.12 | 64.50 | 60.61 | 92.81 | 107.82 | 175.90 | 181.41 | 80.64 | 103.13 | 56.45 | 43.76 | 39.64 | 40.67 | | |
| 23516 | 2.28 | 2.15 | 2.19 | 2.18 | 2.19 | 1.97 | 2.63 | 3.59 | 5.03 | 6.40 | 4.55 | 2.65 | 4.68 | 4.54 | 4.22 | 4.04 | 4.22 | 3.45 | 3.89 | 4.21 | 4.17 | 4.95 | 4.24 | 3.58 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA___4 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 23517 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ASTORIA___5 | 36.49 | 34.91 | 35.43 | 34.75 | 36.40 | 38.14 | 38.60 | 41.89 | 46.52 | 53.74 | 174.55 | 190.10 | 64.44 | 60.55 | 92.79 | 107.76 | 175.82 | 181.36 | 80.56 | 103.07 | 56.38 | 43.64 | 39.54 | 40.60 | | |
| 23518 | 2.15 | 2.07 | 2.05 | 2.10 | 2.08 | 1.84 | 2.45 | 3.47 | 4.90 | 6.20 | 4.41 | 2.64 | 4.61 | 4.47 | 4.19 | 3.98 | 4.14 | 3.39 | 3.80 | 4.14 | 4.10 | 4.83 | 4.14 | 3.50 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -136.42 | -166.89 | -23.23 | -20.38 | -54.44 | -71.24 | -138.63 | -150.13 | -44.69 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| AST_ENERGY_2_CC3 | 36.54 | 34.86 | 35.50 | 34.72 | 36.40 | 38.15 | 38.65 | 41.80 | 46.43 | 53.74 | 174.57 | 195.75 | 64.43 | 60.49 | 92.74 | 107.78 | 175.86 | 181.39 | 80.58 | 103.09 | 56.33 | 43.58 | 39.48 | 40.52 | | |
| 323677 | 2.20 | 2.03 | 2.11 | 2.07 | 2.09 | 1.85 | 2.50 | 3.39 | 4.81 | 6.20 | 4.44 | 2.62 | 4.61 | 4.42 | 4.15 | 4.00 | 4.18 | 3.42 | 3.82 | 4.17 | 4.04 | 4.77 | 4.09 | 3.43 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -136.42 | -172.57 | -23.23 | -20.38 | -54.44 | -71.25 | -138.63 | -150.14 | -44.70 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| AST_ENERGY_2_CC4 | 36.54 | 34.86 | 35.50 | 34.72 | 36.40 | 38.15 | 38.65 | 41.80 | 46.43 | 53.74 | 174.57 | 195.75 | 64.43 | 60.49 | 92.74 | 107.78 | 175.86 | 181.39 | 80.58 | 103.09 | 56.33 | 43.58 | 39.48 | 40.52 | | |
| 323678 | 2.20 | 2.03 | 2.11 | 2.07 | 2.09 | 1.85 | 2.50 | 3.39 | 4.81 | 6.20 | 4.44 | 2.62 | 4.61 | 4.42 | 4.15 | 4.00 | 4.18 | 3.42 | 3.82 | 4.17 | 4.04 | 4.77 | 4.09 | 3.43 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -136.42 | -172.57 | -23.23 | -20.38 | -54.44 | -71.25 | -138.63 | -150.14 | -44.70 | -64.40 | -18.39 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ATHENS_STG_1 | 35.55 | 33.96 | 34.57 | 33.82 | 35.51 | 37.19 | 37.32 | 40.07 | 44.19 | 50.86 | 214.37 | 247.30 | 69.37 | 64.66 | 107.33 | 127.56 | 216.03 | 225.34 | 92.39 | 120.76 | 60.10 | 41.44 | 37.58 | 38.91 | | |
| 23668 | 1.21 | 1.13 | 1.19 | 1.17 | 1.19 | 0.89 | 1.17 | 1.66 | 2.56 | 3.32 | 2.40 | 1.43 | 2.51 | 2.41 | 2.25 | 2.20 | 2.35 | 1.90 | 2.10 | 2.34 | 2.24 | 2.63 | 2.19 | 1.82 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -178.26 | -225.30 | -30.27 | -26.55 | -70.93 | -92.83 | -180.62 | -195.61 | -58.24 | -83.90 | -23.96 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ATHENS_STG_2 | 35.55 | 33.96 | 34.57 | 33.82 | 35.51 | 37.19 | 37.32 | 40.07 | 44.19 | 50.86 | 214.37 | 247.30 | 69.37 | 64.66 | 107.33 | 127.56 | 216.03 | 225.34 | 92.39 | 120.76 | 60.10 | 41.44 | 37.58 | 38.91 | | |
| 23670 | 1.21 | 1.13 | 1.19 | 1.17 | 1.19 | 0.89 | 1.17 | 1.66 | 2.56 | 3.32 | 2.40 | 1.43 | 2.51 | 2.41 | 2.25 | 2.20 | 2.35 | 1.90 | 2.10 | 2.34 | 2.24 | 2.63 | 2.19 | 1.82 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -178.26 | -225.30 | -30.27 | -26.55 | -70.93 | -92.83 | -180.62 | -195.61 | -58.24 | -83.90 | -23.96 | 0.00 | 0.00 | 0.00 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| ATHENS_STG_3 | 35.55 | 33.96 | 34.57 | 33.82 | 35.51 | 37.19 | 37.32 | 40.07 | 44.19 | 50.86 | 214.37 | 247.30 | 69.37 | 64.66 | 107.33 | 127.56 | 216.03 | 225.34 | 92.39 | 120.76 | 60.10 | 41.44 | 37.58 | 38.91 | | |

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| 23677 | | 1.21 0.00 N | 1.13 0.00 N | 1.19 0.00 N | 1.17 0.00 N | 1.19 0.00 N | 0.89 0.00 N | 1.17 0.00 N | 1.66 0.00 N | 2.56 0.00 N | 3.32 0.00 N | 2.40 -178.26 N | 1.43 -225.30 N | 2.51 -30.27 N | 2.41 -26.55 N | 2.25 -70.93 N | 2.20 -92.83 N | 2.35 -180.62 N | 1.90 -195.61 N | 2.10 -58.24 N | 2.34 -83.90 N | 2.24 -23.96 N | 2.63 0.00 N | 2.19 0.00 N | 1.82 0.00 N |
| BARRETT_IC_1 23704 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.09 6.70 -0.86 N | 176.62 4.67 -138.24 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 63.83 4.61 -23.52 N | 94.69 4.37 -56.17 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 78.19 5.24 -34.14 N | 64.61 4.57 -24.64 N | 43.36 4.08 -2.19 N |
| BARRETT_IC_10 23701 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.01 6.70 -0.78 N | 175.58 4.67 -137.19 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 61.68 4.61 -21.38 N | 93.47 4.37 -54.95 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 62.28 5.24 -18.23 N | 48.35 4.57 -8.39 N | 43.36 4.08 -2.19 N |
| BARRETT_IC_11 23702 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.01 6.70 -0.78 N | 175.58 4.67 -137.19 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 61.68 4.61 -21.38 N | 93.47 4.37 -54.95 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 62.28 5.24 -18.23 N | 48.35 4.57 -8.39 N | 43.36 4.08 -2.19 N |
| BARRETT_IC_12 23703 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.01 6.70 -0.78 N | 175.58 4.67 -137.19 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 61.68 4.61 -21.38 N | 93.47 4.37 -54.95 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 62.28 5.24 -18.23 N | 48.35 4.57 -8.39 N | 43.36 4.08 -2.19 N |
| BARRETT_IC_2 23705 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.09 6.70 -0.86 N | 176.62 4.67 -138.24 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 63.83 4.61 -23.52 N | 94.69 4.37 -56.17 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 78.19 5.24 -34.14 N | 64.61 4.57 -24.64 N | 43.36 4.08 -2.19 N |
| BARRETT_IC_3 23706 | | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | | | | | | | | | | | | | | | |

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| BARRETT___2 23546 | 36.75 2.41 0.00 N | 35.15 2.32 0.00 N | 55.87 2.59 -19.90 N | 35.15 2.51 0.00 N | 36.82 2.50 0.00 N | 38.57 2.26 -0.01 N | 40.00 2.99 -0.87 N | 60.96 3.93 -18.62 N | 84.43 5.50 -37.31 N | 55.01 6.70 -0.78 N | 175.58 4.67 -137.19 N | 195.78 2.61 -172.60 N | 64.41 4.59 -23.24 N | 61.68 4.61 -21.38 N | 93.47 4.37 -54.95 N | 107.94 4.14 -71.27 N | 175.96 4.25 -138.66 N | 181.55 3.55 -150.17 N | 80.83 4.06 -44.71 N | 103.38 4.44 -64.41 N | 72.94 4.30 -34.75 N | 62.28 5.24 -18.23 N | 48.35 4.57 -8.39 N | 43.36 4.08 -2.19 N |
| BEACON___LESR 323632 | 35.70 1.36 0.00 N | 34.08 1.25 0.00 N | 34.80 1.42 0.00 N | 34.02 1.37 0.00 N | 35.84 1.52 0.00 N | 37.38 1.08 0.00 N | 37.12 0.97 0.00 N | 39.82 1.41 0.00 N | 43.96 2.34 0.00 N | 50.43 2.90 0.00 N | 31.11 2.18 4.78 N | 15.91 1.31 5.97 N | 38.02 2.20 0.77 N | 37.08 2.06 0.68 N | 34.50 2.15 1.81 N | 32.35 2.18 2.37 N | 30.84 2.39 4.60 N | 24.67 1.82 4.98 N | 32.38 1.80 1.48 N | 34.57 2.18 2.14 N | 35.14 1.86 0.61 N | 41.01 2.20 0.00 N | 36.99 1.59 0.00 N | 38.52 1.43 0.00 N |
| BEAVER RIVER___HYD 24048 | 33.77 -0.58 0.00 N | 32.28 -0.56 0.00 N | 32.72 -0.67 0.00 N | 32.01 -0.64 0.00 N | 33.69 -0.63 0.00 N | 35.85 -0.45 0.00 N | 35.97 -0.18 0.00 N | 38.26 -0.15 0.00 N | 41.65 0.03 0.00 N | 47.60 0.07 0.00 N | 38.03 0.26 -4.06 N | 25.89 0.19 -5.14 N | 37.48 0.20 -0.69 N | 36.35 0.05 -0.61 N | 35.89 0.11 -1.62 N | 34.73 0.07 -2.12 N | 37.21 0.03 -4.13 N | 32.37 0.07 -4.47 N | 33.37 -0.02 -1.33 N | 36.55 0.11 -1.92 N | 34.55 0.11 -0.55 N | 38.89 0.08 0.00 N | 35.12 -0.27 0.00 N | 36.75 -0.34 0.00 N |
| BEEBEE_GT_13 23619 | 34.07 -0.27 0.00 N | 32.41 -0.42 0.00 N | 32.92 -0.46 0.00 N | 32.27 -0.38 0.00 N | 33.97 -0.34 0.00 N | 36.06 -0.24 0.00 N | 36.52 0.36 0.00 N | 39.22 0.81 0.00 N | 41.99 0.37 0.00 N | 48.16 0.63 0.00 N | 45.08 0.55 -10.82 N | 34.81 0.51 -13.73 N | 39.34 0.91 -1.85 N | 38.46 1.14 -1.62 N | 39.81 1.33 -4.33 N | 39.38 1.18 -5.67 N | 45.05 0.96 -11.03 N | 40.66 0.88 -11.95 N | 36.33 0.71 -3.56 N | 40.25 0.60 -5.13 N | 36.07 0.70 -1.46 N | 39.38 0.57 0.00 N | 35.98 0.58 0.00 N | 36.67 -0.42 0.00 N |
| BETHLEHEM___GRP 23843 | 35.39 1.05 0.00 N | 33.87 1.04 0.00 N | 34.52 1.14 0.00 N | 33.79 1.14 0.00 N | 35.52 1.21 0.00 N | 36.97 0.67 0.00 N | 36.36 0.21 0.00 N | 38.91 0.50 0.00 N | 42.80 1.18 0.00 N | 49.15 1.61 0.00 N | 27.06 1.33 7.98 N | 11.42 0.87 10.02 N | 36.59 1.33 1.32 N | 35.80 1.26 1.16 N | 32.30 1.25 3.10 N | 29.78 1.30 4.05 N | 26.73 1.56 7.88 N | 20.45 1.16 8.53 N | 30.67 1.15 2.54 N | 32.21 1.35 3.66 N | 33.99 1.14 1.05 N | 40.14 1.33 0.00 N | 36.39 0.99 0.00 N | 37.90 0.81 0.00 N |
| BETHLEHEM___GS1 323560 | 35.39 1.05 0.00 N | 33.87 1.04 0.00 N | 34.52 1.14 0.00 N | 33.79 1.14 0.00 N | 35.52 1.21 0.00 N | 36.97 0.67 0.00 N | 36.36 0.21 0.00 N | 38.91 0.50 0.00 N | 42.80 1.18 0.00 N | 49.15 1.61 0.00 N | 27.06 1.33 7.98 N | 11.42 0.87 10.02 N | 36.59 1.33 1.32 N | 35.80 1.26 1.16 N | 32.30 1.25 3.10 N | 29.78 1.30 4.05 N | 26.73 1.56 7.88 N | 20.45 1.16 8.53 N | 30.67 1.15 2.54 N | 32.21 1.35 3.66 N | 33.99 1.14 1.05 N | 40.14 1.33 0.00 N | 36.39 0.99 0.00 N | 37.90 0.81 0.00 N |
| BETHLEHEM___GS2 323561 | 35.39 1.05 0.00 N | 33.87 1.04 0.00 N | 34.52 1.14 0.00 N | 33.79 1.14 0.00 N | 35.52 1.21 0.00 N | 36.97 0.67 0.00 N | 36.36 0.21 0.00 N | 38.91 0.50 0.00 N | 42.80 1.18 0.00 N | 49.15 1.61 0.00 N | 27.06 1.33 7.98 N | 11.42 0.87 10.02 N | 36.59 1.33 1.32 N | 35.80 1.26 1.16 N | 32.30 1.25 3.10 N | 29.78 1.30 4.05 N | 26.73 1.56 7.88 N | 20.45 1.16 8.53 N | 30.67 1.15 2.54 N | 32.21 1.35 3.66 N | 33.99 1.14 1.05 N | 40.14 1.33 0.00 N | 36.39 0.99 0.00 N | 37.90 0.81 0.00 N |
| BETHLEHEM___GS3 323562 | 35.39 1.05 0.00 N | 33.87 1.04 0.00 N | 34.52 1.14 0.00 N | 33.79 1.14 0.00 N | 35.52 1.21 0.00 N | 36.97 0.67 0.00 N | 36.36 0.21 0.00 N | 38.91 0.50 0.00 N | 42.80 1.18 0.00 N | 49.15 1.61 0.00 N | 27.06 1.33 7.98 N | 11.42 0.87 10.02 N | 36.59 1.33 1.32 N | 35.80 1.26 1.16 N | 32.30 1.25 3.10 N | 29.78 1.30 4.05 N | 26.73 1.56 7.88 N | 20.45 1.16 8.53 N | 30.67 1.15 2.54 N | 32.21 1.35 3.66 N | 33.99 1.14 1.05 N | 40.14 1.33 0.00 N | 36.39 0.99 0.00 N | 37.90 0.81 0.00 N |
| BETHLEHEM___STEEL 23779 | 33.61 -0.73 0.00 N | 32.00 -0.83 0.00 N | 32.61 -0.78 0.00 N | 31.87 -0.77 0.00 N | 33.58 -0.74 0.00 N | 35.40 -0.90 0.00 N | 35.61 -0.55 0.00 N | 38.18 -0.23 0.00 N | 40.20 -1.43 0.00 N | 45.98 -1.56 0.00 N | 47.45 -1.15 -14.88 N | 38.74 -0.56 -18.73 N | 37.89 -1.22 -2.51 N | 36.96 -0.94 -2.20 N | 39.27 -0.77 -5.89 N | 39.31 -0.93 -7.71 N | 46.74 -1.31 -14.99 N | 43.08 -0.99 -16.24 N | 35.79 -1.10 -4.83 N | 40.11 -1.38 -6.96 N | 34.64 -1.24 -1.99 N | 37.36 -1.45 0.00 N | 34.78 -0.62 0.00 N | 35.27 -1.82 0.00 N |
| BETHPAGE_CC_5 323564 | 36.92 2.58 0.00 N | 35.32 2.49 0.00 N | 56.18 2.90 -19.90 N | 35.47 2.82 0.00 N | 37.13 2.82 0.00 N | 38.80 2.50 0.00 N | 39.41 3.26 0.00 N | 44.21 4.25 -1.55 N | 50.61 5.88 -3.11 N | 54.73 7.13 -0.07 N | 175.42 4.98 -136.73 N | 195.96 2.78 -172.60 N | 64.68 4.85 -23.24 N | 61.37 4.91 -20.76 N | 93.42 4.67 -54.60 N | 108.26 4.46 -71.27 N | 176.36 4.64 -138.66 N | 181.88 3.88 -150.17 N | 81.07 4.30 -44.71 N | 103.62 4.67 -64.41 N | 73.18 4.54 -34.75 N | 48.21 5.53 -3.87 N | 42.39 4.92 -2.08 N | 41.74 4.47 -0.18 N |
| BINGHAMTON___COGEN 23790 | 34.57 0.23 0.00 N | 32.96 0.13 0.00 N | 33.61 0.23 0.00 N | 32.83 0.19 0.00 N | 34.54 0.23 0.00 N | 36.39 0.09 0.00 N | 36.58 0.43 0.00 N | 39.32 0.91 0.00 N | 42.80 1.17 0.00 N | 49.31 1.77 -31.27 N | 66.26 1.28 -39.53 N | 60.91 0.82 -5.32 N | 43.19 1.29 -5.32 N | 41.71 1.36 -4.66 N | 47.97 1.35 -12.46 N | 50.14 1.31 -16.30 N | 66.03 1.25 -31.72 N | 63.20 1.02 -34.35 N | 43.39 1.11 -10.23 N | 50.49 1.23 -14.73 N | 39.22 1.12 -4.21 N | 40.14 1.33 0.00 N | 36.64 1.24 0.00 N | 37.70 0.61 0.00 N |
| BLACK RIVER___HYD 24047 | 34.07 -0.27 0.00 N | 32.51 -0.32 0.00 N | 32.97 -0.42 0.00 N | 32.24 -0.41 0.00 N | 33.95 -0.37 0.00 N | 36.16 -0.14 0.00 N | 36.42 0.27 0.00 N | 38.77 0.36 0.00 N | 42.21 0.59 0.00 N | 48.44 0.91 0.00 N | 39.78 0.82 -5.25 N | 27.75 0.54 -6.64 N | 38.30 0.82 -0.89 N | 37.13 0.65 -0.78 N | 37.02 0.77 -2.10 N | 35.99 0.71 -2.74 N | 39.07 0.68 -5.33 N | 34.23 0.62 -5.78 N | 34.31 0.53 -1.72 N | 37.79 0.79 -2.48 N | 35.36 0.76 -0.71 N | 39.53 0.72 0.00 N | 35.68 0.28 0.00 N | 37.07 -0.02 0.00 N |
| BLISS_WT_PWR 323608 | 33.52 -0.82 0.00 N | 31.89 -0.94 0.00 N | 32.59 -0.80 0.00 N | 31.94 -0.70 0.00 N | 33.60 -0.72 0.00 N | 35.85 -0.44 0.00 N | 36.57 0.42 0.00 N | 39.59 1.18 0.00 N | 42.40 0.78 0.00 N | 48.97 1.44 -15.50 N | 50.25 1.04 -19.51 N | 40.85 0.76 -2.62 N | 40.29 1.08 -2.30 N | 39.20 1.21 -6.14 N | 41.55 1.26 -8.03 N | 41.47 0.91 -8.03 N | 49.21 0.53 -15.63 N | 45.29 0.53 -16.92 N | 37.46 0.36 -5.04 N | 41.77 -0.01 -7.26 N | 35.81 -0.15 -2.07 N | 38.24 -0.57 0.00 N | 35.26 -0.14 0.00 N | 35.49 -1.61 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 35.25 0.91 0.00 N | 33.72 0.88 0.00 N | 34.34 0.96 0.00 N | 33.61 0.97 0.00 N | 35.34 1.02 0.00 N | 36.99 0.69 0.00 N | 36.76 0.61 0.00 N | 39.33 0.92 0.00 N | 43.23 1.61 0.00 N | 49.65 2.11 0.00 N | 26.50 1.57 8.78 N | 10.50 0.95 11.02 N | 36.74 1.61 1.45 N | 35.95 1.53 1.27 N | 32.19 1.43 3.40 N | 29.53 1.43 4.44 N | 26.02 1.60 8.64 N | 19.75 1.28 9.36 N | 30.61 1.33 2.78 N | 32.04 1.52 4.01 N | 34.16 1.41 1.15 N | 40.49 1.69 0.00 N | 36.75 1.35 0.00 N | 38.20 1.11 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|---|
| BOC_GAS_DRP 24189 | 35.22 0.88 0.00 N | 33.66 0.83 0.00 N | 34.29 0.91 0.00 N | 33.56 0.92 0.00 N | 35.27 0.96 0.00 N | 36.91 0.61 0.00 N | 36.75 0.60 0.00 N | 39.36 0.95 0.00 N | 43.21 1.59 0.00 N | 49.59 2.05 0.00 N | 18.98 1.53 16.27 N | 0.98 0.94 20.53 N | 35.44 1.59 2.75 N | 34.84 1.55 2.41 N | 29.16 1.44 6.43 N | 25.56 1.44 8.41 N | 18.29 1.60 16.37 N | 11.37 1.26 17.72 N | 28.14 1.36 5.28 N | 28.47 1.54 7.60 N | 33.15 1.43 2.17 N | 40.51 1.70 0.00 N | 36.80 1.40 0.00 N | 38.26 1.17 0.00 N | |
| BORALEX_4TH_BRANCH 23824 | 35.50 1.16 0.00 N | 33.87 1.04 0.00 N | 34.48 1.09 0.00 N | 33.78 1.13 0.00 N | 35.63 1.31 0.00 N | 37.16 0.86 0.00 N | 37.25 1.10 0.00 N | 40.07 1.66 0.00 N | 44.13 2.51 0.00 N | 50.59 3.05 0.00 N | 35.94 2.23 0.00 N | 21.87 1.30 0.00 N | 38.90 2.31 0.00 N | 37.93 2.23 0.00 N | 36.10 1.95 0.00 N | 34.51 1.98 0.00 N | 35.30 2.25 0.00 N | 29.60 1.77 0.00 N | 33.99 1.93 0.00 N | 36.76 2.23 0.00 N | 36.04 2.14 0.00 N | 41.26 2.45 0.00 N | 37.38 1.98 0.00 N | 38.83 1.73 0.00 N | |
| BOWLINE___1 23526 | 36.35 2.01 0.00 N | 34.68 1.85 0.00 N | 35.32 1.94 0.00 N | 34.51 1.87 0.00 N | 36.19 1.88 0.00 N | 37.94 1.65 0.00 N | 38.41 2.26 0.00 N | 41.47 3.06 0.00 N | 46.00 4.38 0.00 N | 53.14 5.61 -133.37 N | 171.08 4.00 -168.73 N | 191.67 2.37 -22.72 N | 63.46 4.15 -19.93 N | 59.65 4.02 -53.25 N | 91.18 3.78 -69.69 N | 105.88 3.66 -135.59 N | 172.48 3.83 -146.85 N | 177.84 3.16 -43.72 N | 79.34 3.56 -62.99 N | 101.45 3.94 -17.99 N | 55.69 3.80 0.00 N | 43.22 4.41 0.00 N | 39.14 3.74 0.00 N | 40.23 3.14 0.00 N | |
| BOWLINE___2 23595 | 36.33 1.99 0.00 N | 34.66 1.83 0.00 N | 35.29 1.91 0.00 N | 34.50 1.86 0.00 N | 36.19 1.87 0.00 N | 37.92 1.62 0.00 N | 38.40 2.24 0.00 N | 41.44 3.02 0.00 N | 45.98 4.36 0.00 N | 53.10 5.57 -133.43 N | 171.13 3.99 -168.81 N | 191.74 2.36 -22.74 N | 63.46 4.13 -19.94 N | 59.63 3.99 -53.27 N | 91.18 3.75 -69.72 N | 105.89 3.64 -135.66 N | 172.52 3.81 -146.92 N | 177.89 3.14 -43.74 N | 79.33 3.54 -63.01 N | 101.45 3.91 -18.00 N | 55.66 3.77 0.00 N | 43.19 4.38 0.00 N | 39.11 3.71 0.00 N | 40.21 3.12 0.00 N | |
| BROOKHAVEN___DRP 24191 | 36.39 2.05 0.00 N | 35.09 2.25 0.00 N | 56.26 2.97 -19.90 N | 35.76 3.11 0.00 N | 37.33 3.01 0.00 N | 38.65 2.35 0.00 N | 39.15 3.06 0.05 N | 42.77 3.81 -0.55 N | 48.33 5.60 -1.10 N | 54.51 6.95 -0.03 N | 175.29 4.94 -172.60 N | 196.03 2.86 -23.24 N | 64.73 4.90 -20.60 N | 61.30 5.01 -54.50 N | 93.49 4.84 -71.27 N | 108.46 4.66 -138.66 N | 176.57 4.85 -150.17 N | 182.01 4.01 -44.71 N | 81.13 4.36 -64.41 N | 103.66 4.72 -34.75 N | 73.23 4.58 -2.07 N | 46.36 5.48 0.00 N | 40.74 4.61 -0.73 N | 41.12 3.97 -0.06 N | |
| BROOKLYN_NAVY_YARD 23515 | 36.47 2.13 0.00 N | 34.79 1.96 0.00 N | 35.45 2.07 0.00 N | 34.67 2.02 0.00 N | 36.36 2.05 0.00 N | 38.09 1.79 0.00 N | 38.62 2.47 0.00 N | 41.80 3.38 0.00 N | 46.42 4.80 0.00 N | 53.68 6.15 -136.42 N | 174.51 4.38 -166.90 N | 190.05 2.58 -23.23 N | 64.37 4.55 -20.38 N | 60.46 4.39 -54.44 N | 92.71 4.11 -71.25 N | 107.75 3.97 -138.63 N | 175.84 4.15 -150.14 N | 181.36 3.40 -44.70 N | 80.56 3.80 -64.40 N | 103.11 4.18 -18.39 N | 56.32 4.03 0.00 N | 43.59 4.78 0.00 N | 39.50 4.11 0.00 N | 40.55 3.46 0.00 N | |
| BROOKLYN___ARMY_DRP 323595 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -172.57 N | 195.90 2.76 -23.23 N | 64.67 4.85 -20.38 N | 60.79 4.71 -54.44 N | 93.03 4.43 -71.25 N | 108.02 4.24 -138.63 N | 176.14 4.45 -150.14 N | 181.60 3.64 -44.70 N | 80.86 4.11 -64.40 N | 103.38 4.46 -21.08 N | 59.37 4.40 -11.04 N | 55.03 5.18 0.00 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| BROOME___LFGE 323600 | 34.57 0.23 0.00 N | 32.96 0.13 0.00 N | 33.61 0.23 0.00 N | 32.83 0.19 0.00 N | 34.54 0.23 0.00 N | 36.39 0.09 0.00 N | 36.58 0.43 0.00 N | 39.32 0.91 0.00 N | 42.80 1.17 0.00 N | 49.31 1.77 0.00 N | 66.26 1.28 -31.27 N | 60.91 0.82 -39.53 N | 43.19 1.29 -5.32 N | 41.71 1.36 -4.66 N | 47.97 1.35 -12.46 N | 50.14 1.31 -16.30 N | 66.03 1.25 -31.72 N | 63.20 1.02 -34.35 N | 43.39 1.11 -10.23 N | 50.49 1.23 -14.73 N | 39.22 1.12 -4.21 N | 40.14 1.33 0.00 N | 36.64 1.24 0.00 N | 37.70 0.61 0.00 N | |
| BURROWS___LYONSDAL 23803 | 34.36 0.02 0.00 N | 32.84 0.00 0.00 N | 33.37 -0.01 0.00 N | 32.62 -0.03 0.00 N | 34.33 0.01 0.00 N | 36.45 0.15 0.00 N | 36.53 0.38 0.00 N | 38.97 0.56 0.00 N | 42.52 0.90 0.00 N | 48.76 1.22 0.00 N | 38.79 1.06 -4.02 N | 26.35 0.70 -5.09 N | 38.34 1.07 -0.68 N | 37.23 0.93 -0.60 N | 36.80 1.05 -1.60 N | 35.61 0.98 -2.10 N | 38.09 0.95 -4.09 N | 33.10 0.84 -4.43 N | 34.14 0.76 -1.32 N | 37.36 0.94 -1.90 N | 35.32 0.88 -0.54 N | 39.76 0.95 0.00 N | 35.91 0.52 0.00 N | 37.40 0.31 0.00 N | |
| CAITHNESS_CC_1 323624 | 36.41 2.07 0.00 N | 35.06 2.23 0.00 N | 56.20 2.92 -19.90 N | 35.66 3.01 0.00 N | 37.25 2.93 0.00 N | 38.62 2.33 0.00 N | 39.13 3.03 0.05 N | 42.78 3.82 -0.55 N | 48.31 5.59 -1.10 N | 54.48 6.92 -0.03 N | 175.27 4.92 -136.64 N | 196.01 2.84 -172.60 N | 64.69 4.87 -23.24 N | 61.26 4.97 -20.60 N | 93.44 4.78 -54.50 N | 108.41 4.61 -71.27 N | 176.52 4.80 -138.66 N | 181.98 3.98 -150.17 N | 81.09 4.32 -44.71 N | 103.62 4.68 -64.41 N | 73.19 4.55 -34.75 N | 46.33 5.46 -2.07 N | 40.74 4.61 -0.73 N | 41.14 3.99 -0.06 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 36.99 2.65 0.00 N | 35.36 2.53 0.00 N | 56.22 2.94 -19.90 N | 35.51 2.86 0.00 N | 37.18 2.87 0.00 N | 38.85 2.55 0.00 N | 39.48 3.31 -0.02 N | 44.72 4.33 -1.98 N | 51.58 6.00 -3.96 N | 54.91 7.28 -0.09 N | 175.54 5.06 -136.76 N | 195.97 2.80 -172.60 N | 64.70 4.87 -23.24 N | 61.46 4.93 -20.83 N | 93.49 4.70 -54.63 N | 108.29 4.49 -71.27 N | 176.39 4.68 -138.66 N | 181.90 3.90 -150.17 N | 81.07 4.30 -44.71 N | 103.63 4.69 -64.41 N | 73.19 4.55 -34.75 N | 48.99 5.57 -4.61 N | 43.09 5.07 -2.62 N | 41.88 4.56 -0.22 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 36.99 2.65 0.00 N | 35.36 2.53 0.00 N | 56.22 2.94 -19.90 N | 35.51 2.86 0.00 N | 37.18 2.87 0.00 N | 38.85 2.55 0.00 N | 39.48 3.31 -0.02 N | 44.72 4.33 -1.98 N | 51.58 6.00 -3.96 N | 54.91 7.28 -0.09 N | 175.54 5.06 -136.76 N | 195.97 2.80 -172.60 N | 64.70 4.87 -23.24 N | 61.46 4.93 -20.83 N | 93.49 4.70 -54.63 N | 108.29 4.49 -71.27 N | 176.39 4.68 -138.66 N | 181.90 3.90 -150.17 N | 81.07 4.30 -44.71 N | 103.63 4.69 -64.41 N | 73.19 4.55 -34.75 N | 48.99 5.57 -4.61 N | 43.09 5.07 -2.62 N | 41.88 4.56 -0.22 N | |
| CALPINE_BP_GT1 23823 | 36.99 2.65 0.00 N | 35.36 2.53 0.00 N | 56.22 2.94 -19.90 N | 35.51 2.86 0.00 N | 37.18 2.87 0.00 N | 38.85 2.55 0.00 N | 39.48 3.31 -0.02 N | 44.72 4.33 -1.98 N | 51.58 6.00 -3.96 N | 54.91 7.28 -0.09 N | 175.54 5.06 -136.76 N | 195.97 2.80 -172.60 N | 64.70 4.87 -23.24 N | 61.46 4.93 -20.83 N | 93.49 4.70 -54.63 N | 108.29 4.49 -71.27 N | 176.39 4.68 -138.66 N | 181.90 3.90 -150.17 N | 81.07 4.30 -44.71 N | 103.63 4.69 -64.41 N | 73.19 4.55 -34.75 N | 48.99 5.57 -4.61 N | 43.09 5.07 -2.62 N | 41.88 4.56 -0.22 N | |
| CALSPAN___DRP | 33.61 | 32.00 | 32.61 | 31.87 | 33.58 | 35.40 | 35.61 | 38.18 | 40.20 | 45.98 | 47.45 | 38.74 | 37.89 | 36.96 | 39.27 | 39.31 | 46.74 | 43.08 | 35.79 | 40.11 | 34.64 | 37.36 | 34.78 | 35.27 | |

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| 24200 | -0.73 0.00 N | -0.83 0.00 N | -0.78 0.00 N | -0.77 0.00 N | -0.74 0.00 N | -0.90 0.00 N | -0.55 0.00 N | -0.23 0.00 N | -1.43 0.00 N | -1.56 0.00 N | -1.15 N | -0.56 -18.73 N | -1.22 -2.51 N | -0.94 -2.20 N | -0.77 -5.89 N | -0.93 -7.71 N | -1.31 -14.99 N | -0.99 -16.24 N | -1.10 -4.83 N | -1.38 -6.96 N | -1.24 -1.99 N | -1.45 0.00 N | -0.62 0.00 N | -1.82 0.00 N |
| CANDIGU_WT_PWR 323617 | 34.11 -0.23 0.00 N | 32.45 -0.38 0.00 N | 33.14 -0.24 0.00 N | 32.34 -0.31 0.00 N | 34.12 -0.20 0.00 N | 36.02 -0.28 0.00 N | 36.39 0.25 0.00 N | 39.37 0.95 0.00 N | 42.28 0.66 0.00 N | 48.77 1.23 0.00 N | 54.45 0.85 N | 46.27 0.59 -25.11 N | 40.74 0.78 -3.37 N | 39.64 0.98 -2.96 N | 43.07 1.01 -7.91 N | 43.78 0.90 -10.35 N | 53.83 0.64 -20.13 N | 50.17 0.54 -21.80 N | 39.21 0.65 -6.49 N | 44.50 0.62 -9.35 N | 37.10 0.54 -2.67 N | 39.46 0.65 0.00 N | 36.24 0.84 0.00 N | 36.74 -0.35 0.00 N |
| CARR STREET_E_SYR 24060 | 34.15 -0.19 0.00 N | 32.60 -0.23 0.00 N | 33.15 -0.23 0.00 N | 32.42 -0.23 0.00 N | 34.08 -0.24 0.00 N | 35.98 -0.32 0.00 N | 35.98 -0.17 0.00 N | 38.38 -0.03 0.00 N | 41.63 0.00 0.00 N | 47.79 0.25 0.00 N | 42.54 0.23 -8.60 N | 31.64 0.20 -10.87 N | 38.34 0.29 -1.46 N | 37.30 0.33 -1.28 N | 37.97 0.39 -3.43 N | 37.40 0.38 -4.49 N | 42.11 0.33 -8.73 N | 37.56 0.28 -9.45 N | 35.09 0.21 -2.81 N | 38.81 0.23 -4.05 N | 35.27 0.22 -1.16 N | 38.98 0.17 0.00 N | 35.56 0.16 0.00 N | 36.96 -0.13 0.00 N |
| CARTHAGE___PAPER 23857 | 33.96 -0.38 0.00 N | 32.43 -0.40 0.00 N | 32.88 -0.50 0.00 N | 32.16 -0.49 0.00 N | 33.86 -0.46 0.00 N | 36.06 -0.24 0.00 N | 36.27 0.12 0.00 N | 38.59 0.18 0.00 N | 42.01 0.38 0.00 N | 48.12 0.58 0.00 N | 39.23 0.60 -4.92 N | 27.19 0.40 -6.22 N | 38.01 0.58 -0.84 N | 36.85 0.42 -0.73 N | 36.63 0.51 -1.96 N | 35.56 0.46 -2.57 N | 38.47 0.42 -5.00 N | 33.64 0.41 -5.41 N | 34.00 0.33 -1.61 N | 37.38 0.53 -2.32 N | 35.08 0.53 -0.66 N | 39.29 0.48 0.00 N | 35.46 0.07 0.00 N | 36.97 -0.12 0.00 N |
| CE_DUNWOOD___DRP 24194 | 36.41 2.08 0.00 N | 34.74 1.91 0.00 N | 35.39 2.00 0.00 N | 34.60 1.95 0.00 N | 36.29 1.98 0.00 N | 38.04 1.74 0.00 N | 38.51 2.36 0.00 N | 41.61 3.20 0.00 N | 46.19 4.57 0.00 N | 53.37 5.84 0.00 N | 174.08 4.18 -136.19 N | 195.31 2.47 -172.27 N | 64.12 4.33 -23.20 N | 60.23 4.20 -20.35 N | 92.44 3.94 -54.35 N | 107.47 3.80 -71.14 N | 175.44 3.98 -138.40 N | 180.99 3.27 -149.89 N | 80.35 3.67 -44.62 N | 102.85 4.03 -64.29 N | 56.16 3.90 -18.36 N | 43.39 4.58 0.00 N | 39.28 3.89 0.00 N | 40.37 3.27 0.00 N |
| CE_MILLWOOD___DRP 24193 | 36.34 2.00 0.00 N | 34.68 1.84 0.00 N | 35.32 1.94 0.00 N | 34.53 1.88 0.00 N | 36.22 1.91 0.00 N | 37.95 1.66 0.00 N | 38.43 2.28 0.00 N | 41.50 3.09 0.00 N | 46.06 4.44 0.00 N | 53.21 5.67 0.00 N | 173.56 4.06 -135.79 N | 194.74 2.40 -171.77 N | 63.93 4.22 -23.13 N | 60.05 4.07 -20.29 N | 92.17 3.82 -54.19 N | 107.16 3.69 -70.93 N | 174.93 3.87 -138.00 N | 180.47 3.19 -149.46 N | 80.12 3.57 -44.50 N | 102.57 3.93 -64.11 N | 56.01 3.80 -18.31 N | 43.26 4.46 0.00 N | 39.17 3.78 0.00 N | 40.26 3.17 0.00 N |
| CE_NYC2_DRP 24202 | 36.64 2.30 0.00 N | 34.99 2.16 0.00 N | 35.61 2.22 0.00 N | 34.84 2.19 0.00 N | 36.53 2.21 0.00 N | 38.29 1.99 0.00 N | 38.81 2.66 0.00 N | 42.05 3.63 0.00 N | 46.72 5.09 -0.01 N | 54.03 6.49 0.00 N | 174.75 4.61 -136.42 N | 195.83 2.70 -172.57 N | 64.57 4.75 -23.23 N | 60.66 4.59 -20.38 N | 92.89 4.30 -54.44 N | 107.90 4.11 -71.25 N | 175.98 4.30 -138.63 N | 181.48 3.51 -150.14 N | 80.71 3.95 -44.70 N | 103.21 4.28 -64.40 N | 56.50 4.22 -18.39 N | 43.81 5.00 0.00 N | 39.69 4.29 0.00 N | 40.71 3.62 0.00 N |
| CE_NYC_DRP 24195 | 36.60 2.26 0.00 N | 34.93 2.10 0.00 N | 35.57 2.18 0.00 N | 34.78 2.13 0.00 N | 36.47 2.16 0.00 N | 38.24 1.94 0.00 N | 38.77 2.62 0.00 N | 41.95 3.54 0.00 N | 46.60 4.98 0.00 N | 53.93 6.39 0.00 N | 174.71 4.58 -136.42 N | 195.84 2.70 -172.57 N | 64.58 4.76 -23.23 N | 60.64 4.56 -20.38 N | 92.89 4.30 -54.44 N | 107.93 4.14 -71.25 N | 176.01 4.32 -138.63 N | 181.50 3.53 -150.14 N | 80.72 3.96 -44.70 N | 103.24 4.31 -64.40 N | 56.46 4.18 -18.39 N | 43.74 4.93 0.00 N | 39.61 4.21 0.00 N | 40.65 3.55 0.00 N |
| CHAFFEE___LFGE 323603 | 34.01 -0.33 0.00 N | 32.34 -0.50 0.00 N | 32.95 -0.43 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.39 0.00 N | 35.84 -0.46 0.00 N | 36.25 0.10 0.00 N | 39.01 0.60 0.00 N | 41.40 -0.23 0.00 N | 47.59 0.05 0.00 N | 48.91 0.01 -15.18 N | 39.83 0.15 -19.10 N | 39.10 -0.05 -2.57 N | 38.06 0.12 -2.25 N | 40.48 0.32 -6.01 N | 40.50 0.11 -7.86 N | 48.08 -0.28 -15.30 N | 44.25 -0.14 -16.57 N | 36.71 -0.29 -4.93 N | 41.19 -0.45 -7.11 N | 35.59 -0.33 -2.03 N | 38.44 -0.37 0.00 N | 35.56 0.17 0.00 N | 35.91 -1.19 0.00 N |
| CHATEAUG_WT_PWR 323614 | 33.78 -0.56 0.00 N | 32.40 -0.43 0.00 N | 32.76 -0.63 0.00 N | 32.07 -0.58 0.00 N | 33.70 -0.61 0.00 N | 35.85 -0.45 0.00 N | 35.57 -0.58 0.00 N | 37.47 -0.95 0.00 N | 41.07 -0.55 0.00 N | 46.97 -0.57 0.00 N | 33.32 -0.39 0.00 N | 20.29 -0.28 0.00 N | 36.23 -0.36 0.00 N | 35.14 -0.55 0.00 N | 33.45 -0.70 0.00 N | 32.00 -0.53 0.00 N | 32.76 -0.30 0.00 N | 27.73 -0.09 0.00 N | 32.08 0.02 0.00 N | 34.59 0.07 0.00 N | 33.79 -0.11 0.00 N | 38.52 -0.28 0.00 N | 34.58 -0.82 0.00 N | 36.80 -0.30 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 33.68 -0.66 0.00 N | 32.30 -0.53 0.00 N | 32.68 -0.70 0.00 N | 31.97 -0.68 0.00 N | 33.58 -0.73 0.00 N | 35.77 -0.52 0.00 N | 35.50 -0.65 0.00 N | 37.45 -0.96 0.00 N | 40.77 -0.85 0.00 N | 46.23 -1.31 0.00 N | 32.75 -0.96 0.00 N | 19.90 -0.67 0.00 N | 35.48 -1.11 0.00 N | 34.46 -1.23 0.00 N | 32.98 -1.17 0.00 N | 31.38 -1.16 0.00 N | 31.92 -1.13 0.00 N | 27.00 -0.83 0.00 N | 31.19 -0.87 0.00 N | 33.58 -0.95 0.00 N | 32.99 -0.91 0.00 N | 37.80 -1.01 0.00 N | 34.36 -1.04 0.00 N | 36.63 -0.47 0.00 N |
| CHAUTAUQUA___LFGE 323629 | 33.54 -0.81 0.00 N | 31.86 -0.97 0.00 N | 32.60 -0.79 0.00 N | 31.80 -0.85 0.00 N | 33.52 -0.80 0.00 N | 35.31 -0.99 0.00 N | 35.70 -0.45 0.00 N | 38.57 0.16 0.00 N | 41.05 -0.57 0.00 N | 47.34 -0.20 0.00 N | 49.69 -0.27 -16.25 N | 40.97 -0.07 -20.46 N | 38.83 -0.50 -2.75 N | 37.82 -0.29 -2.41 N | 40.40 -0.19 -6.44 N | 40.65 -0.30 -8.43 N | 48.78 -0.66 -16.39 N | 45.07 -0.52 -17.75 N | 36.75 -0.60 -5.29 N | 41.46 -0.69 -7.62 N | 35.38 -0.69 -2.18 N | 38.16 -0.65 0.00 N | 35.31 -0.08 0.00 N | 35.68 -1.42 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 36.33 1.98 0.00 N | 34.65 1.81 0.00 N | 35.28 1.89 0.00 N | 34.50 1.85 0.00 N | 36.20 1.88 0.00 N | 37.94 1.64 0.00 N | 38.39 2.24 0.00 N | 41.42 3.01 0.00 N | 45.93 4.31 0.00 N | 53.04 5.50 0.00 N | 144.44 3.92 -106.81 N | 158.73 2.32 -135.83 N | 59.18 4.06 -18.53 N | 55.86 3.91 -16.25 N | 81.23 3.64 -43.43 N | 92.93 3.52 -56.87 N | 147.42 3.71 -110.66 N | 150.71 3.04 -119.84 N | 71.16 3.42 -35.68 N | 89.70 3.77 -51.41 N | 52.24 3.66 -14.68 N | 43.09 4.28 0.00 N | 39.01 3.62 0.00 N | 40.16 3.06 0.00 N |
| CH_MISC_IPPS 23765 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N |

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| CH_RES_BVR_FALLS 23983 | 33.82 -0.52 0.00 N | 32.38 -0.45 0.00 N | 32.97 -0.41 0.00 N | 32.28 -0.37 0.00 N | 33.95 -0.36 0.00 N | 35.99 -0.31 0.00 N | 35.84 -0.31 0.00 N | 38.03 -0.38 0.00 N | 41.30 -0.32 0.00 N | 47.06 -0.48 0.00 N | 33.42 -0.29 0.00 N | 20.38 -0.19 0.00 N | 36.25 -0.34 0.00 N | 35.31 -0.39 0.00 N | 33.81 -0.34 0.00 N | 32.18 -0.35 0.00 N | 32.68 -0.37 0.00 N | 27.52 -0.31 0.00 N | 31.76 -0.30 0.00 N | 34.09 -0.43 0.00 N | 33.39 -0.50 0.00 N | 38.26 -0.55 0.00 N | 34.77 -0.63 0.00 N | 36.53 -0.56 0.00 N |
| CH_RES_NIAGARA 23895 | 33.57 -0.78 0.00 N | 32.00 -0.83 0.00 N | 32.56 -0.83 0.00 N | 31.85 -0.80 0.00 N | 33.54 -0.77 0.00 N | 35.37 -0.93 0.00 N | 35.45 -0.70 0.00 N | 37.79 -0.62 0.00 N | 39.47 -2.15 0.00 N | 44.95 -2.58 0.00 N | 45.59 -1.87 -13.75 N | 36.87 -1.00 -17.29 N | 36.95 -1.96 -2.32 N | 36.06 -1.67 -2.04 N | 38.14 -1.45 -5.44 N | 38.02 -1.63 -7.12 N | 44.85 -2.05 -13.84 N | 41.25 -1.57 -14.99 N | 34.77 -1.76 -4.46 N | 38.82 -2.13 -6.43 N | 33.85 -1.88 -1.84 N | 36.62 -2.19 0.00 N | 34.27 -1.12 0.00 N | 34.86 -2.23 0.00 N |
| CH_RES_SYRACUSE 23985 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N |
| CLINTON_WT_PWR 323605 | 33.78 -0.56 0.00 N | 32.40 -0.43 0.00 N | 32.76 -0.63 0.00 N | 32.07 -0.58 0.00 N | 33.70 -0.61 0.00 N | 35.85 -0.45 0.00 N | 35.57 -0.58 0.00 N | 37.47 -0.95 0.00 N | 41.07 -0.55 0.00 N | 46.97 -0.57 0.00 N | 33.32 -0.39 0.00 N | 20.29 -0.28 0.00 N | 36.23 -0.36 0.00 N | 35.14 -0.55 0.00 N | 33.45 -0.70 0.00 N | 32.00 -0.53 0.00 N | 32.76 -0.30 0.00 N | 27.73 -0.09 0.00 N | 32.08 0.02 0.00 N | 34.59 0.07 0.00 N | 33.79 -0.11 0.00 N | 38.52 -0.28 0.00 N | 34.58 -0.82 0.00 N | 36.80 -0.30 0.00 N |
| CLINTON__LFGE 323618 | 34.08 -0.26 0.00 N | 32.72 -0.12 0.00 N | 33.15 -0.23 0.00 N | 32.43 -0.22 0.00 N | 34.01 -0.30 0.00 N | 36.10 -0.20 0.00 N | 35.88 -0.27 0.00 N | 37.96 -0.45 0.00 N | 41.48 -0.14 0.00 N | 47.31 -0.23 0.00 N | 33.68 -0.03 0.00 N | 20.49 -0.08 0.00 N | 36.52 -0.07 0.00 N | 35.47 -0.23 0.00 N | 33.86 -0.29 0.00 N | 32.30 -0.24 0.00 N | 32.94 -0.12 0.00 N | 27.88 0.05 0.00 N | 32.22 0.16 0.00 N | 34.75 0.23 0.00 N | 34.02 0.12 0.00 N | 38.84 0.03 0.00 N | 35.05 -0.35 0.00 N | 37.20 0.10 0.00 N |
| COLONIE_LFGE__ 323577 | 35.47 1.13 0.00 N | 33.88 1.04 0.00 N | 34.52 1.14 0.00 N | 33.80 1.15 0.00 N | 35.60 1.29 0.00 N | 37.17 0.88 0.00 N | 37.11 0.96 0.00 N | 39.87 1.46 0.00 N | 43.87 2.25 0.00 N | 50.33 2.80 0.00 N | 35.79 2.08 0.00 N | 21.84 1.27 0.00 N | 38.76 2.18 0.00 N | 37.81 2.12 0.00 N | 36.10 1.94 0.00 N | 34.51 1.97 0.00 N | 35.29 2.24 0.00 N | 29.59 1.76 0.00 N | 33.93 1.87 0.00 N | 36.70 2.18 0.00 N | 35.93 2.03 0.00 N | 41.10 2.29 0.00 N | 37.19 1.79 0.00 N | 38.61 1.52 0.00 N |
| CORNELL____ 23752 | 34.38 0.03 0.00 N | 32.85 0.01 0.00 N | 33.42 0.04 0.00 N | 32.66 0.02 0.00 N | 34.29 -0.03 0.00 N | 36.14 -0.17 0.00 N | 36.29 0.14 0.00 N | 38.68 0.27 0.00 N | 41.70 0.08 0.00 N | 47.82 0.28 0.00 N | 52.45 0.30 -18.44 N | 44.17 0.28 -23.31 N | 40.24 0.52 -3.14 N | 39.04 0.60 -2.75 N | 42.04 0.54 -7.35 N | 42.70 0.55 -9.61 N | 52.20 0.44 -18.71 N | 48.51 0.42 -20.26 N | 38.57 0.48 -6.03 N | 43.71 0.50 -8.69 N | 36.90 0.52 -2.48 N | 39.27 0.46 0.00 N | 35.77 0.37 0.00 N | 37.07 -0.03 0.00 N |
| COXSACKIE__GT 23611 | 37.05 2.71 0.00 N | 35.34 2.51 0.00 N | 36.01 2.62 0.00 N | 35.22 2.57 0.00 N | 37.07 2.76 0.00 N | 38.93 2.63 0.00 N | 39.31 3.16 0.00 N | 42.10 3.68 0.00 N | 46.48 4.86 0.00 N | 53.56 6.02 0.00 N | 127.69 4.39 -89.58 N | 136.06 2.69 -112.80 N | 56.13 4.52 -15.02 N | 53.26 4.39 -13.17 N | 73.58 4.22 -35.20 N | 82.75 4.12 -46.09 N | 127.05 4.31 -89.68 N | 128.49 3.53 -97.13 N | 64.86 3.89 -28.92 N | 80.54 4.35 -41.66 N | 49.95 4.16 -11.90 N | 43.55 4.74 0.00 N | 39.38 3.98 0.00 N | 40.67 3.58 0.00 N |
| CRESCENT__HYD 24018 | 35.47 1.13 0.00 N | 33.88 1.04 0.00 N | 34.52 1.14 0.00 N | 33.80 1.15 0.00 N | 35.60 1.29 0.00 N | 37.17 0.88 0.00 N | 37.11 0.96 0.00 N | 39.87 1.46 0.00 N | 43.87 2.25 0.00 N | 50.33 2.80 0.00 N | 35.79 2.08 0.00 N | 21.84 1.27 0.00 N | 38.76 2.18 0.00 N | 37.81 2.12 0.00 N | 36.10 1.94 0.00 N | 34.51 1.97 0.00 N | 35.29 2.24 0.00 N | 29.59 1.76 0.00 N | 33.93 1.87 0.00 N | 36.70 2.18 0.00 N | 35.93 2.03 0.00 N | 41.10 2.29 0.00 N | 37.19 1.79 0.00 N | 38.61 1.52 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N |
| DANC__LFGE 323619 | 34.07 -0.27 0.00 N | 32.51 -0.32 0.00 N | 32.97 -0.42 0.00 N | 32.24 -0.41 0.00 N | 33.95 -0.37 0.00 N | 36.16 -0.14 0.00 N | 36.42 0.27 0.00 N | 38.77 0.36 0.00 N | 42.21 0.59 0.00 N | 48.44 0.91 0.00 N | 39.78 0.82 -5.25 N | 27.75 0.82 -6.64 N | 38.30 0.82 -0.89 N | 37.13 0.65 -0.78 N | 37.02 0.77 -2.10 N | 35.99 0.71 -2.74 N | 39.07 0.68 -5.33 N | 34.23 0.62 -5.78 N | 34.31 0.53 -1.72 N | 37.79 0.79 -2.48 N | 35.36 0.76 -0.71 N | 39.53 0.72 0.00 N | 35.68 0.28 0.00 N | 37.07 -0.02 0.00 N |
| DANSKAMMER__1 23586 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N |
| DANSKAMMER__2 23589 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N |
| DANSKAMMER__3 23590 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| DANSKAMMER___4 23591 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N | |
| DANSKAMMER___DIESEL 23592 | 36.53 2.19 0.00 N | 34.85 2.02 0.00 N | 35.48 2.10 0.00 N | 34.70 2.05 0.00 N | 36.40 2.08 0.00 N | 38.15 1.85 0.00 N | 38.57 2.42 0.00 N | 41.58 3.16 0.00 N | 46.14 4.52 0.00 N | 53.29 5.75 0.00 N | 155.51 4.03 -117.76 N | 172.80 2.34 -149.89 N | 61.14 4.06 -20.49 N | 57.46 3.79 -17.97 N | 85.65 3.45 -48.04 N | 98.76 3.30 -62.93 N | 158.95 3.46 -122.44 N | 163.26 2.83 -132.60 N | 74.79 3.25 -39.48 N | 94.99 3.58 -56.88 N | 53.65 3.52 -16.24 N | 43.06 4.25 0.00 N | 39.01 3.62 0.00 N | 40.27 3.18 0.00 N | |
| DASHVILLE___HYD 23610 | 36.02 1.68 0.00 N | 34.39 1.56 0.00 N | 34.99 1.61 0.00 N | 34.18 1.53 0.00 N | 35.82 1.50 0.00 N | 37.54 1.24 0.00 N | 37.95 1.80 0.00 N | 41.01 2.59 0.00 N | 45.66 4.04 0.00 N | 52.90 5.36 0.00 N | 161.73 3.82 -124.19 N | 180.10 2.16 -157.37 N | 61.49 3.62 -21.28 N | 57.78 3.42 -18.66 N | 87.25 3.21 -49.88 N | 100.96 3.10 -65.32 N | 163.44 3.29 -127.10 N | 168.19 2.72 -137.64 N | 76.05 3.01 -40.98 N | 96.89 3.33 -59.04 N | 53.99 3.24 -16.86 N | 42.67 3.86 0.00 N | 38.60 3.21 0.00 N | 39.68 2.59 0.00 N | |
| DELAWARE___LFGE 323621 | 35.31 0.97 0.00 N | 33.72 0.89 0.00 N | 34.33 0.95 0.00 N | 33.56 0.91 0.00 N | 35.28 0.97 0.00 N | 37.16 0.86 0.00 N | 37.29 1.14 0.00 N | 40.02 1.61 0.00 N | 44.01 2.38 0.00 N | 50.62 3.09 0.00 N | 81.48 2.18 -45.59 N | 79.60 1.39 -57.64 N | 46.73 2.39 -7.75 N | 44.81 2.31 -6.80 N | 54.53 2.21 -18.17 N | 58.43 2.13 -23.77 N | 81.50 2.19 -46.26 N | 79.73 1.80 -50.10 N | 48.97 1.99 -14.91 N | 58.24 2.23 -21.49 N | 42.19 2.16 -6.14 N | 41.28 2.47 0.00 N | 37.47 2.07 0.00 N | 38.74 1.65 0.00 N | |
| DOGLEVILLE___HYD 23807 | 35.32 0.97 0.00 N | 33.69 0.86 0.00 N | 34.28 0.89 0.00 N | 33.55 0.90 0.00 N | 35.33 1.02 0.00 N | 37.29 0.99 0.00 N | 37.58 1.43 0.00 N | 40.12 1.71 0.00 N | 43.96 2.34 0.00 N | 50.91 3.37 0.00 N | 36.40 2.69 0.00 N | 21.97 1.40 0.00 N | 38.86 2.27 0.00 N | 37.67 1.97 0.00 N | 36.27 2.12 0.00 N | 34.63 2.10 0.00 N | 35.26 2.20 0.00 N | 29.67 1.84 0.00 N | 33.75 1.69 0.00 N | 36.50 1.97 0.00 N | 35.53 1.63 0.00 N | 40.65 1.84 0.00 N | 36.62 1.22 0.00 N | 37.71 0.62 0.00 N | |
| DUNKIRK___1 23563 | 33.37 -0.97 0.00 N | 31.70 -1.13 0.00 N | 32.43 -0.95 0.00 N | 31.64 -1.01 0.00 N | 33.35 -0.97 0.00 N | 35.13 -1.18 0.00 N | 35.46 -0.69 0.00 N | 38.35 -0.07 0.00 N | 40.76 -0.86 0.00 N | 46.97 -0.56 0.00 N | 49.29 -0.54 -16.12 N | 40.64 -0.23 -20.30 N | 38.52 -0.79 -2.73 N | 37.54 -0.55 -2.39 N | 40.08 -0.46 -6.39 N | 40.34 -0.55 -8.36 N | 48.40 -0.91 -16.26 N | 44.72 -0.72 -17.61 N | 36.50 -0.80 -5.24 N | 41.16 -0.92 -7.55 N | 35.12 -0.93 -2.16 N | 37.87 -0.94 0.00 N | 35.10 -0.30 0.00 N | 35.49 -1.60 0.00 N | |
| DUNKIRK___2 23564 | 33.37 -0.97 0.00 N | 31.70 -1.13 0.00 N | 32.43 -0.95 0.00 N | 31.64 -1.01 0.00 N | 33.35 -0.97 0.00 N | 35.13 -1.18 0.00 N | 35.46 -0.69 0.00 N | 38.35 -0.07 0.00 N | 40.76 -0.86 0.00 N | 46.97 -0.56 0.00 N | 49.29 -0.54 -16.12 N | 40.64 -0.23 -20.30 N | 38.52 -0.79 -2.73 N | 37.54 -0.55 -2.39 N | 40.08 -0.46 -6.39 N | 40.34 -0.55 -8.36 N | 48.40 -0.91 -16.26 N | 44.72 -0.72 -17.61 N | 36.50 -0.80 -5.24 N | 41.16 -0.92 -7.55 N | 35.12 -0.93 -2.16 N | 37.87 -0.94 0.00 N | 35.10 -0.30 0.00 N | 35.49 -1.60 0.00 N | |
| DUNKIRK___3 23565 | 33.33 -1.01 0.00 N | 31.69 -1.14 0.00 N | 32.41 -0.97 0.00 N | 31.63 -1.01 0.00 N | 33.33 -0.99 0.00 N | 35.10 -1.20 0.00 N | 35.40 -0.75 0.00 N | 38.23 -0.18 0.00 N | 40.60 -1.02 0.00 N | 46.75 -0.78 0.00 N | 49.12 -0.69 -16.10 N | 40.52 -0.33 -20.28 N | 38.38 -0.93 -2.72 N | 37.41 -0.68 -2.39 N | 39.96 -0.57 -6.38 N | 40.21 -0.67 -8.35 N | 48.28 -1.02 -16.24 N | 44.61 -0.81 -17.59 N | 36.40 -0.90 -5.24 N | 41.03 -1.05 -7.55 N | 35.02 -1.04 -2.16 N | 37.74 -1.08 0.00 N | 34.99 -0.40 0.00 N | 35.41 -1.68 0.00 N | |
| DUNKIRK___4 23566 | 33.33 -1.01 0.00 N | 31.69 -1.14 0.00 N | 32.41 -0.97 0.00 N | 31.63 -1.01 0.00 N | 33.33 -0.99 0.00 N | 35.10 -1.20 0.00 N | 35.40 -0.75 0.00 N | 38.23 -0.18 0.00 N | 40.60 -1.02 0.00 N | 46.75 -0.78 0.00 N | 49.12 -0.69 -16.10 N | 40.52 -0.33 -20.28 N | 38.38 -0.93 -2.72 N | 37.41 -0.68 -2.39 N | 39.96 -0.57 -6.38 N | 40.21 -0.67 -8.35 N | 48.28 -1.02 -16.24 N | 44.61 -0.81 -17.59 N | 36.40 -0.90 -5.24 N | 41.03 -1.05 -7.55 N | 35.02 -1.04 -2.16 N | 37.74 -1.08 0.00 N | 34.99 -0.40 0.00 N | 35.41 -1.68 0.00 N | |
| EAST HAMPTON___GT 23717 | 38.31 3.97 0.00 N | 36.83 3.99 0.00 N | 58.06 4.77 -19.90 N | 37.56 4.91 0.00 N | 39.28 4.96 0.00 N | 40.81 4.51 0.00 N | 41.59 5.50 0.05 N | 45.52 6.55 -0.55 N | 51.52 8.79 -1.11 N | 58.60 11.03 -0.03 N | 178.47 8.12 -136.64 N | 198.13 4.95 -172.60 N | 68.56 8.73 -23.24 N | 65.17 8.87 -20.60 N | 97.34 8.68 -54.51 N | 112.13 8.33 -71.27 N | 180.28 8.56 -138.66 N | 185.06 7.06 -150.17 N | 84.39 7.62 -44.71 N | 107.13 8.19 -64.41 N | 76.45 7.80 -34.75 N | 49.74 8.85 -2.08 N | 43.28 7.15 -0.74 N | 43.31 6.16 -0.06 N | |
| EAST RIVER___6 23660 | 36.58 2.24 0.00 N | 34.93 2.09 0.00 N | 35.57 2.18 0.00 N | 34.79 2.14 0.00 N | 36.48 2.17 0.00 N | 38.24 1.94 0.00 N | 38.79 2.64 0.00 N | 41.94 3.53 0.00 N | 46.60 4.98 0.00 N | 53.92 6.38 0.00 N | 174.70 4.57 -136.42 N | 195.83 2.69 -172.57 N | 64.57 4.75 -23.23 N | 60.64 4.57 -20.38 N | 92.89 4.30 -54.44 N | 107.92 4.14 -71.25 N | 176.01 4.32 -138.63 N | 181.50 3.54 -150.14 N | 80.73 3.97 -44.70 N | 103.25 4.32 -64.40 N | 56.46 4.18 -18.39 N | 43.74 4.93 0.00 N | 39.60 4.21 0.00 N | 40.64 3.55 0.00 N | |
| EAST RIVER___7 23524 | 36.58 2.24 0.00 N | 34.93 2.09 0.00 N | 35.57 2.18 0.00 N | 34.79 2.14 0.00 N | 36.48 2.17 0.00 N | 38.24 1.94 0.00 N | 38.79 2.64 0.00 N | 41.94 3.53 0.00 N | 46.60 4.98 0.00 N | 53.92 6.38 0.00 N | 174.70 4.57 -136.42 N | 195.83 2.69 -172.57 N | 64.57 4.75 -23.23 N | 60.64 4.57 -20.38 N | 92.89 4.30 -54.44 N | 107.92 4.14 -71.25 N | 176.01 4.32 -138.63 N | 181.50 3.54 -150.14 N | 80.73 3.97 -44.70 N | 103.25 4.32 -64.40 N | 56.46 4.18 -18.39 N | 43.74 4.93 0.00 N | 39.60 4.21 0.00 N | 40.64 3.55 0.00 N | |
| EAST_HAMPTON___DIESEL 23722 | 38.31 3.97 0.00 N | 36.83 3.99 0.00 N | 58.06 4.77 -19.90 N | 37.56 4.91 0.00 N | 39.28 4.96 0.00 N | 40.81 4.51 0.00 N | 41.59 5.50 0.05 N | 45.52 6.55 -0.55 N | 51.52 8.79 -1.11 N | 58.60 11.03 -0.03 N | 178.47 8.12 -136.64 N | 198.13 4.95 -172.60 N | 68.56 8.73 -23.24 N | 65.17 8.87 -20.60 N | 97.34 8.68 -54.51 N | 112.13 8.33 -71.27 N | 180.28 8.56 -138.66 N | 185.06 7.06 -150.17 N | 84.39 7.62 -44.71 N | 107.13 8.19 -64.41 N | 76.45 7.80 -34.75 N | 49.74 8.85 -2.08 N | 43.28 7.15 -0.74 N | 43.31 6.16 -0.06 N | |
| EAST_RIVER___1 | 36.60 | 34.93 | 35.57 | 34.78 | 36.47 | 38.24 | 38.77 | 41.95 | 46.60 | 53.93 | 174.71 | 195.84 | 64.58 | 60.64 | 92.89 | 107.93 | 176.01 | 181.50 | 80.72 | 103.24 | 56.46 | 43.74 | 39.61 | 40.65 | |

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|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 323558 | 2.26 0.00 N | 2.10 0.00 N | 2.18 0.00 N | 2.13 0.00 N | 2.16 0.00 N | 1.94 0.00 N | 2.62 0.00 N | 3.54 0.00 N | 4.98 0.00 N | 6.39 0.00 N | 4.58 -136.42 N | 2.70 -172.57 N | 4.76 -23.23 N | 4.56 -20.38 N | 4.30 -54.44 N | 4.14 -71.25 N | 4.32 -138.63 N | 3.53 -150.14 N | 3.96 -44.70 N | 4.31 -64.40 N | 4.18 -18.39 N | 4.93 0.00 N | 4.21 0.00 N | 3.55 0.00 N |
| EAST_RIVER___2 323559 | 36.58 2.24 0.00 N | 34.93 2.09 0.00 N | 35.57 2.18 0.00 N | 34.79 2.14 0.00 N | 36.48 2.17 0.00 N | 38.24 1.94 0.00 N | 38.79 2.64 0.00 N | 41.94 3.53 0.00 N | 46.60 4.98 0.00 N | 53.92 6.38 0.00 N | 174.70 4.57 -136.42 N | 195.83 2.69 -172.57 N | 64.57 4.75 -23.23 N | 60.64 4.57 -20.38 N | 92.89 4.30 -54.44 N | 107.92 4.14 -71.25 N | 176.01 4.32 -138.63 N | 181.50 3.54 -150.14 N | 80.73 3.97 -44.70 N | 103.25 4.32 -64.40 N | 56.46 4.18 -18.39 N | 43.74 4.93 0.00 N | 39.60 4.21 0.00 N | 40.64 3.55 0.00 N |
| EAST___DELAWARE_HYD 23607 | 35.72 1.38 0.00 N | 34.05 1.21 0.00 N | 34.61 1.23 0.00 N | 33.83 1.18 0.00 N | 35.48 1.16 0.00 N | 37.31 1.01 0.00 N | 37.65 1.50 0.00 N | 40.33 1.92 0.00 N | 45.30 3.68 0.00 N | 52.44 4.91 0.00 N | 159.57 3.57 -122.28 N | 178.13 2.08 -155.47 N | 61.22 3.44 -21.20 N | 57.36 3.07 -18.59 N | 87.10 3.24 -49.71 N | 100.80 3.15 -65.12 N | 163.07 3.32 -126.69 N | 167.87 2.83 -137.21 N | 75.73 2.82 -40.85 N | 96.57 3.19 -58.85 N | 53.88 3.18 -16.81 N | 42.83 4.02 0.00 N | 38.54 3.14 0.00 N | 39.38 2.29 0.00 N |
| ELEC_TRO_TEK 24086 | 36.66 2.32 0.00 N | 35.05 2.22 0.00 N | 55.82 2.54 -19.90 N | 35.08 2.43 0.00 N | 36.73 2.42 0.00 N | 38.42 2.12 0.00 N | 39.03 2.85 -0.03 N | 44.26 3.79 -2.06 N | 51.13 5.37 -4.13 N | 54.24 6.61 -0.09 N | 175.18 4.70 -136.77 N | 195.87 2.69 -172.60 N | 64.54 4.71 -23.24 N | 61.24 4.70 -20.84 N | 93.26 4.46 -54.64 N | 108.07 4.27 -71.27 N | 176.15 4.44 -138.66 N | 181.67 3.67 -150.17 N | 80.86 4.10 -44.71 N | 103.43 4.49 -64.41 N | 73.00 4.35 -34.75 N | 48.81 5.22 -4.78 N | 42.62 4.47 -2.75 N | 41.28 3.95 -0.23 N |
| ELLENBURG_WT_PWR 323604 | 33.78 -0.56 0.00 N | 32.40 -0.43 0.00 N | 32.76 -0.63 0.00 N | 32.07 -0.58 0.00 N | 33.70 -0.61 0.00 N | 35.85 -0.45 0.00 N | 35.57 -0.58 0.00 N | 37.47 -0.95 0.00 N | 41.07 -0.55 0.00 N | 46.97 -0.57 0.00 N | 33.32 -0.39 0.00 N | 20.29 -0.28 0.00 N | 36.23 -0.36 0.00 N | 35.14 -0.55 0.00 N | 33.45 -0.70 0.00 N | 32.00 -0.53 0.00 N | 32.76 -0.30 0.00 N | 27.73 -0.09 0.00 N | 32.08 0.02 0.00 N | 34.59 0.07 0.00 N | 33.79 -0.11 0.00 N | 38.52 -0.28 0.00 N | 34.58 -0.82 0.00 N | 36.80 -0.30 0.00 N |
| EMPIRE_CC_1 323656 | 35.02 0.67 0.00 N | 33.47 0.64 0.00 N | 34.22 0.84 0.00 N | 33.51 0.86 0.00 N | 35.26 0.94 0.00 N | 36.75 0.45 0.00 N | 36.61 0.46 0.00 N | 39.27 0.85 0.00 N | 43.20 1.58 0.00 N | 49.57 2.03 14.03 N | 21.17 1.49 17.72 N | 3.74 0.89 2.38 N | 35.71 1.50 2.08 N | 35.05 1.44 2.08 N | 29.88 1.30 5.57 N | 26.60 1.35 7.28 N | 20.52 1.64 14.17 N | 13.71 1.23 15.35 N | 28.74 1.25 4.57 N | 29.41 1.46 6.58 N | 33.37 1.35 1.88 N | 40.45 1.64 0.00 N | 36.68 1.28 0.00 N | 38.14 1.04 0.00 N |
| EMPIRE_CC_2 323658 | 35.02 0.67 0.00 N | 33.47 0.64 0.00 N | 34.22 0.84 0.00 N | 33.51 0.86 0.00 N | 35.26 0.94 0.00 N | 36.75 0.45 0.00 N | 36.61 0.46 0.00 N | 39.27 0.85 0.00 N | 43.20 1.58 0.00 N | 49.57 2.03 14.03 N | 21.17 1.49 17.72 N | 3.74 0.89 2.38 N | 35.71 1.50 2.08 N | 35.05 1.44 2.08 N | 29.88 1.30 5.57 N | 26.60 1.35 7.28 N | 20.52 1.64 14.17 N | 13.71 1.23 15.35 N | 28.74 1.25 4.57 N | 29.41 1.46 6.58 N | 33.37 1.35 1.88 N | 40.45 1.64 0.00 N | 36.68 1.28 0.00 N | 38.14 1.04 0.00 N |
| E_CANADA_CAP_HY 24051 | 35.71 1.37 0.00 N | 34.55 1.71 0.00 N | 34.98 1.60 0.00 N | 34.29 1.65 0.00 N | 36.03 1.71 0.00 N | 38.76 2.46 0.00 N | 38.41 2.26 0.00 N | 40.87 2.46 0.00 N | 44.87 3.25 0.00 N | 51.13 3.60 -46.13 N | 81.87 2.02 -58.33 N | 81.18 2.28 -7.85 N | 48.47 4.03 -7.85 N | 46.54 3.97 -6.88 N | 56.28 3.75 -18.38 N | 59.90 3.31 -24.06 N | 83.05 3.18 -46.81 N | 81.30 2.78 -50.69 N | 50.41 3.26 -15.09 N | 59.86 3.59 -21.74 N | 44.15 4.05 -6.21 N | 43.19 4.38 0.00 N | 39.12 3.72 0.00 N | 40.89 3.79 0.00 N |
| E_CANADA_MHWK_HY 24050 | 35.32 0.97 0.00 N | 33.69 0.86 0.00 N | 34.28 0.89 0.00 N | 33.55 0.90 0.00 N | 35.33 1.02 0.00 N | 37.29 0.99 0.00 N | 37.58 1.43 0.00 N | 40.12 1.71 0.00 N | 43.96 2.34 0.00 N | 50.91 3.37 0.00 N | 36.40 2.69 0.00 N | 21.97 1.40 0.00 N | 38.86 2.27 0.00 N | 37.67 1.97 0.00 N | 36.27 2.12 0.00 N | 34.63 2.10 0.00 N | 35.26 2.20 0.00 N | 29.67 1.84 0.00 N | 33.75 1.69 0.00 N | 36.50 1.97 0.00 N | 35.53 1.63 0.00 N | 40.65 1.84 0.00 N | 36.62 1.22 0.00 N | 37.71 0.62 0.00 N |
| E_FISHKILL___LBMP 23776 | 36.18 1.84 0.00 N | 34.53 1.70 0.00 N | 35.16 1.77 0.00 N | 34.38 1.73 0.00 N | 36.09 1.77 0.00 N | 37.80 1.50 0.00 N | 38.20 2.05 0.00 N | 41.21 2.80 0.00 N | 45.69 4.07 0.00 N | 52.73 5.20 0.00 N | 176.25 3.73 -138.81 N | 198.34 2.21 -175.57 N | 64.10 3.89 -23.63 N | 60.17 3.75 -20.72 N | 93.02 3.50 -55.36 N | 108.39 3.39 -72.46 N | 177.61 3.57 -140.99 N | 183.44 2.93 -152.69 N | 80.79 3.27 -45.46 N | 103.63 3.62 -65.49 N | 56.09 3.49 -18.70 N | 42.91 4.10 0.00 N | 38.86 3.46 0.00 N | 40.02 2.92 0.00 N |
| FAR ROCKAWAY___4 23548 | 37.18 2.84 0.00 N | 35.52 2.69 0.00 N | 56.21 2.92 -19.90 N | 35.45 2.81 0.00 N | 37.13 2.81 0.00 N | 38.96 2.65 0.00 N | 40.23 3.40 -0.67 N | 57.65 4.36 -14.87 N | 77.41 5.98 -29.81 N | 55.48 7.26 -0.69 N | 176.56 4.92 -137.92 N | 195.73 2.55 -172.60 N | 64.56 4.73 -23.24 N | 63.37 4.73 -22.95 N | 94.43 4.43 -55.84 N | 107.98 4.18 -71.27 N | 176.03 4.31 -138.66 N | 181.60 3.60 -150.17 N | 80.84 4.07 -44.71 N | 103.37 4.43 -64.41 N | 73.00 4.36 -34.75 N | 71.88 5.37 -27.70 N | 60.30 4.99 -19.90 N | 43.42 4.58 -1.75 N |
| FARRAGUT___LBMP 323566 | 36.57 2.23 0.00 N | 34.89 2.06 0.00 N | 35.52 2.15 0.00 N | 34.75 2.10 0.00 N | 36.44 2.12 0.00 N | 38.19 1.89 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.53 4.91 0.00 N | 53.84 6.31 0.00 N | 174.64 4.51 -136.42 N | 195.79 2.66 -172.57 N | 64.50 4.68 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.85 4.06 -71.25 N | 175.93 4.24 -138.63 N | 181.45 3.48 -150.14 N | 80.65 3.90 -44.70 N | 103.17 4.24 -64.40 N | 56.39 4.11 -18.39 N | 43.67 4.86 0.00 N | 39.56 4.17 0.00 N | 40.60 3.51 0.00 N |
| FENNER___WINDPWR 24204 | 34.61 0.27 0.00 N | 33.04 0.20 0.00 N | 33.60 0.22 0.00 N | 32.86 0.22 0.00 N | 34.58 0.27 0.00 N | 36.59 0.29 0.00 N | 36.69 0.54 0.00 N | 39.30 0.88 0.00 N | 42.88 1.26 0.00 N | 49.34 1.80 0.00 N | 43.13 1.38 -8.04 N | 31.63 0.89 -10.17 N | 39.38 1.42 -1.37 N | 38.27 1.38 -1.20 N | 38.81 1.45 -3.21 N | 38.14 1.41 -4.20 N | 42.59 1.37 -8.16 N | 37.85 1.18 -8.84 N | 35.86 1.17 -2.63 N | 39.63 1.31 -3.79 N | 36.23 1.26 -1.08 N | 40.10 1.29 0.00 N | 36.36 0.96 0.00 N | 37.64 0.55 0.00 N |
| FIBERTEK___ENERGY 23856 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N |

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|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| FITZPATRICK____ 23598 | 33.51 -0.83 0.00 N | 32.01 -0.82 0.00 N | 32.55 -0.83 0.00 N | 31.83 -0.82 0.00 N | 33.46 -0.86 0.00 N | 35.31 -0.99 0.00 N | 35.19 -0.97 0.00 N | 37.41 -1.00 0.00 N | 40.50 -1.12 0.00 N | 46.35 -1.19 0.00 N | 38.73 -0.82 -5.83 N | 27.49 -0.46 -7.37 N | 36.74 -0.84 -0.99 N | 35.77 -0.80 -0.87 N | 35.75 -0.73 -2.33 N | 34.87 -0.70 -3.04 N | 38.22 -0.75 -5.92 N | 33.61 -0.63 -6.41 N | 33.20 -0.77 -1.91 N | 36.45 -0.83 -2.75 N | 33.87 -0.81 -0.79 N | 37.86 -0.95 0.00 N | 34.60 -0.79 0.00 N | 36.15 -0.94 0.00 N |
| FORT ORANGE____ 23900 | 35.55 1.21 0.00 N | 34.00 1.17 0.00 N | 34.65 1.27 0.00 N | 33.92 1.27 0.00 N | 35.66 1.34 0.00 N | 37.19 0.89 0.00 N | 36.89 0.74 0.00 N | 39.53 1.11 0.00 N | 43.49 1.87 0.00 N | 49.98 2.45 0.00 N | 40.14 1.86 -4.56 N | 27.64 1.16 -5.91 N | 39.33 1.90 -0.84 N | 38.25 1.81 -0.74 N | 37.89 1.76 -1.98 N | 36.91 1.78 -2.60 N | 40.12 2.02 -5.05 N | 34.87 1.57 -5.47 N | 35.30 1.61 -1.63 N | 38.72 1.85 -2.35 N | 36.23 1.67 -0.67 N | 40.78 1.97 0.00 N | 36.95 1.55 0.00 N | 38.40 1.31 0.00 N |
| FORT_DRUM_COGEN 23780 | 34.06 -0.28 0.00 N | 32.50 -0.33 0.00 N | 32.96 -0.43 0.00 N | 32.23 -0.42 0.00 N | 33.94 -0.37 0.00 N | 36.15 -0.15 0.00 N | 36.40 0.25 0.00 N | 38.75 0.33 0.00 N | 42.19 0.57 0.00 N | 48.41 0.87 0.00 N | 39.67 0.79 -5.16 N | 27.63 0.53 -6.53 N | 38.26 0.79 -0.88 N | 37.08 0.62 -0.77 N | 36.96 0.74 -2.06 N | 35.91 0.68 -2.70 N | 38.95 0.65 -5.25 N | 34.11 0.59 -5.68 N | 34.26 0.51 -1.69 N | 37.72 0.75 -2.44 N | 35.32 0.73 -0.70 N | 39.50 0.69 0.00 N | 35.64 0.25 0.00 N | 37.06 -0.03 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 37.18 2.84 0.00 N | 35.52 2.69 0.00 N | 56.21 2.92 -19.90 N | 35.45 2.81 0.00 N | 37.13 2.81 0.00 N | 38.96 2.65 0.00 N | 40.23 3.40 -0.67 N | 57.65 4.36 -14.87 N | 77.41 5.98 -29.81 N | 55.48 7.26 -0.69 N | 176.56 4.92 -137.92 N | 195.73 2.55 -172.60 N | 64.56 4.73 -23.24 N | 63.37 4.73 -22.95 N | 94.43 4.43 -55.84 N | 107.98 4.18 -71.27 N | 176.03 4.31 -138.66 N | 181.60 3.60 -150.17 N | 80.84 4.07 -44.71 N | 103.37 4.43 -64.41 N | 73.00 4.36 -34.75 N | 71.88 5.37 -27.70 N | 60.30 4.99 -19.90 N | 43.42 4.58 -1.75 N |
| FPL_FAR_ROCK_GT2 23815 | 37.18 2.84 0.00 N | 35.52 2.69 0.00 N | 56.21 2.92 -19.90 N | 35.45 2.81 0.00 N | 37.13 2.81 0.00 N | 38.96 2.65 0.00 N | 40.23 3.40 -0.67 N | 57.65 4.36 -14.87 N | 77.41 5.98 -29.81 N | 55.48 7.26 -0.69 N | 176.56 4.92 -137.92 N | 195.73 2.55 -172.60 N | 64.56 4.73 -23.24 N | 63.37 4.73 -22.95 N | 94.43 4.43 -55.84 N | 107.98 4.18 -71.27 N | 176.03 4.31 -138.66 N | 181.60 3.60 -150.17 N | 80.84 4.07 -44.71 N | 103.37 4.43 -64.41 N | 73.00 4.36 -34.75 N | 71.88 5.37 -27.70 N | 60.30 4.99 -19.90 N | 43.42 4.58 -1.75 N |
| FRANKLIN_FALL_HYD 24054 | 33.72 -0.62 0.00 N | 32.36 -0.48 0.00 N | 32.70 -0.69 0.00 N | 31.98 -0.66 0.00 N | 33.58 -0.74 0.00 N | 35.82 -0.48 0.00 N | 35.64 -0.50 0.00 N | 37.68 -0.73 0.00 N | 41.10 -0.52 0.00 N | 46.51 -1.03 0.00 N | 33.11 -0.61 0.00 N | 20.11 -0.46 0.00 N | 35.83 -0.75 0.00 N | 34.75 -0.94 0.00 N | 33.26 -0.89 0.00 N | 31.61 -0.92 0.00 N | 32.13 -0.92 0.00 N | 27.19 -0.64 0.00 N | 31.38 -0.67 0.00 N | 33.77 -0.76 0.00 N | 33.21 -0.68 0.00 N | 38.12 -0.69 0.00 N | 34.50 -0.90 0.00 N | 36.78 -0.31 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 36.97 2.64 0.00 N | 35.35 2.52 0.00 N | 56.16 2.88 -19.90 N | 35.43 2.78 0.00 N | 37.09 2.77 0.00 N | 38.78 2.48 0.00 N | 39.52 3.26 -0.11 N | 46.50 4.26 -3.82 N | 55.23 5.95 -7.66 N | 54.97 7.25 -0.18 N | 175.74 5.09 -136.93 N | 195.98 2.81 -172.60 N | 64.68 4.85 -23.24 N | 61.74 4.92 -21.13 N | 93.65 4.69 -54.81 N | 108.29 4.49 -71.27 N | 176.38 4.66 -138.66 N | 181.89 3.88 -150.17 N | 81.07 4.30 -44.71 N | 103.64 4.71 -64.41 N | 73.24 4.59 -34.75 N | 52.47 5.78 -7.89 N | 45.47 5.01 -5.07 N | 41.99 4.45 -0.44 N |
| FULTON COGEN____ 23766 | 33.88 -0.46 0.00 N | 32.36 -0.47 0.00 N | 32.87 -0.51 0.00 N | 32.18 -0.47 0.00 N | 33.83 -0.49 0.00 N | 35.71 -0.59 0.00 N | 35.70 -0.45 0.00 N | 37.93 -0.48 0.00 N | 41.12 -0.50 0.00 N | 47.21 -0.32 0.00 N | 41.08 -0.20 -7.57 N | 30.05 -0.09 -9.58 N | 37.66 -0.21 -1.29 N | 36.58 -0.24 -1.13 N | 37.07 -0.10 -3.02 N | 36.39 -0.09 -3.95 N | 40.61 -0.14 -7.69 N | 36.05 -0.10 -8.32 N | 34.24 -0.29 -2.48 N | 37.81 -0.28 -3.57 N | 34.64 -0.27 -1.02 N | 38.48 -0.33 0.00 N | 35.07 -0.33 0.00 N | 36.54 -0.56 0.00 N |
| FULTON____LFGE 323630 | 37.36 3.01 0.00 N | 36.28 3.45 0.00 N | 36.73 3.35 0.00 N | 36.07 3.42 0.00 N | 37.99 3.68 0.00 N | 41.11 4.81 0.00 N | 40.88 4.73 0.00 N | 43.18 4.77 0.00 N | 47.68 6.06 0.00 N | 54.57 7.03 0.00 N | 84.34 4.50 -46.13 N | 82.79 3.90 -58.33 N | 51.04 6.60 -7.85 N | 48.95 6.37 -6.88 N | 58.45 5.91 -18.38 N | 61.83 5.24 -24.06 N | 85.05 5.19 -46.81 N | 83.14 4.61 -50.69 N | 52.54 5.39 -15.09 N | 62.21 5.94 -21.74 N | 46.45 6.34 -6.21 N | 45.56 6.75 0.00 N | 41.03 5.64 0.00 N | 42.58 5.49 0.00 N |
| Freeport____CT2 23818 | 36.97 2.64 0.00 N | 35.35 2.52 0.00 N | 56.16 2.88 -19.90 N | 35.43 2.78 0.00 N | 37.09 2.77 0.00 N | 38.78 2.48 0.00 N | 39.52 3.26 -0.11 N | 46.50 4.26 -3.82 N | 55.23 5.95 -7.66 N | 54.97 7.25 -0.18 N | 175.74 5.09 -136.93 N | 195.98 2.81 -172.60 N | 64.68 4.85 -23.24 N | 61.74 4.92 -21.13 N | 93.65 4.69 -54.81 N | 108.29 4.49 -71.27 N | 176.38 4.66 -138.66 N | 181.89 3.88 -150.17 N | 81.07 4.30 -44.71 N | 103.64 4.71 -64.41 N | 73.24 4.59 -34.75 N | 52.47 5.78 -7.89 N | 45.47 5.01 -5.07 N | 41.99 4.45 -0.44 N |
| G.F.CEMENT____DRP 24184 | 34.55 0.20 0.00 N | 32.99 0.16 0.00 N | 33.52 0.14 0.00 N | 32.82 0.17 0.00 N | 34.63 0.31 0.00 N | 36.25 -0.05 0.00 N | 36.55 0.40 0.00 N | 39.29 0.87 0.00 N | 43.50 1.88 0.00 N | 50.05 2.51 0.00 N | 35.61 1.89 0.00 N | 21.64 1.07 0.00 N | 38.49 1.91 0.00 N | 37.50 1.80 0.00 N | 35.77 1.61 0.00 N | 34.22 1.69 0.00 N | 34.99 1.93 0.00 N | 29.32 1.49 0.00 N | 33.55 1.49 0.00 N | 36.37 1.84 0.00 N | 35.66 1.76 0.00 N | 40.73 1.92 0.00 N | 36.63 1.24 0.00 N | 37.92 0.83 0.00 N |
| GARDENVILLE____LBMP 24039 | 33.58 -0.76 0.00 N | 31.97 -0.87 0.00 N | 32.58 -0.81 0.00 N | 31.84 -0.81 0.00 N | 33.54 -0.78 0.00 N | 35.37 -0.93 0.00 N | 35.56 -0.59 0.00 N | 38.14 -0.27 0.00 N | 40.17 -1.45 0.00 N | 45.95 -1.58 0.00 N | 47.25 -1.18 -14.71 N | 38.52 -0.57 -18.52 N | 37.81 -1.26 -2.49 N | 36.89 -0.99 -2.18 N | 39.16 -0.82 -5.83 N | 39.18 -0.98 -7.62 N | 46.53 -1.36 -14.83 N | 42.86 -1.04 -16.06 N | 35.68 -1.16 -4.78 N | 39.98 -1.44 -6.89 N | 34.57 -1.30 -1.97 N | 37.32 -1.49 0.00 N | 34.74 -0.66 0.00 N | 35.24 -1.86 0.00 N |
| GENERAL____MILLS 23808 | 33.61 -0.73 0.00 N | 32.00 -0.83 0.00 N | 32.61 -0.78 0.00 N | 31.87 -0.77 0.00 N | 33.58 -0.74 0.00 N | 35.40 -0.90 0.00 N | 35.61 -0.55 0.00 N | 38.18 -0.23 0.00 N | 40.20 -1.43 0.00 N | 45.98 -1.56 0.00 N | 47.45 -1.15 -14.88 N | 38.74 -0.56 -18.73 N | 37.89 -1.22 -2.51 N | 36.96 -0.94 -2.20 N | 39.27 -0.77 -5.89 N | 39.31 -0.93 -7.71 N | 46.74 -1.31 -14.99 N | 43.08 -0.99 -16.24 N | 35.79 -1.10 -4.83 N | 40.11 -1.38 -6.96 N | 34.64 -1.24 -1.99 N | 37.36 -1.45 0.00 N | 34.78 -0.62 0.00 N | 35.27 -1.82 0.00 N |
| GE_PLASTICS____DRP 24183 | 35.31 0.97 0.00 N | 33.76 0.93 0.00 N | 34.40 1.02 0.00 N | 33.67 1.02 0.00 N | 35.39 1.08 0.00 N | 37.00 0.70 0.00 N | 36.76 0.61 0.00 N | 39.30 0.88 0.00 N | 43.09 1.47 0.00 N | 49.37 1.83 0.00 N | 24.88 1.39 10.23 N | 8.55 0.86 12.89 N | 36.31 1.44 1.72 N | 35.60 1.41 1.50 N | 31.43 1.30 4.02 N | 28.59 1.32 5.25 N | 24.34 1.51 10.22 N | 17.92 1.17 11.07 N | 30.01 1.25 3.30 N | 31.21 1.43 4.75 N | 33.86 1.32 1.36 N | 40.42 1.61 0.00 N | 36.78 1.38 0.00 N | 38.34 1.25 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GILBOA___1 23756 | 35.28 0.94 0.00 N | 33.70 0.87 0.00 N | 34.31 0.93 0.00 N | 33.56 0.92 0.00 N | 35.26 0.95 0.00 N | 36.99 0.69 0.00 N | 37.06 0.91 0.00 N | 39.75 1.34 0.00 N | 43.73 2.11 0.00 N | 50.26 2.72 0.00 N | 94.97 1.97 -59.28 N | 96.68 1.19 -74.92 N | 48.72 2.06 -10.06 N | 46.52 2.00 -8.83 N | 59.60 1.86 -23.58 N | 65.22 1.83 -30.87 N | 95.06 1.95 -60.05 N | 94.45 1.58 -65.04 N | 53.15 1.73 -19.36 N | 64.35 1.93 -27.90 N | 43.71 1.84 -7.97 N | 40.97 2.16 0.00 N | 37.20 1.80 0.00 N | 38.56 1.46 0.00 N | |
| GILBOA___2 23757 | 35.28 0.94 0.00 N | 33.70 0.87 0.00 N | 34.31 0.93 0.00 N | 33.56 0.92 0.00 N | 35.26 0.95 0.00 N | 36.99 0.69 0.00 N | 37.06 0.91 0.00 N | 39.75 1.34 0.00 N | 43.73 2.11 0.00 N | 50.26 2.72 0.00 N | 94.97 1.97 -59.28 N | 96.68 1.19 -74.92 N | 48.72 2.06 -10.06 N | 46.52 2.00 -8.83 N | 59.60 1.86 -23.58 N | 65.22 1.83 -30.87 N | 95.06 1.95 -60.05 N | 94.45 1.58 -65.04 N | 53.15 1.73 -19.36 N | 64.35 1.93 -27.90 N | 43.71 1.84 -7.97 N | 40.97 2.16 0.00 N | 37.20 1.80 0.00 N | 38.56 1.46 0.00 N | |
| GILBOA___3 23758 | 35.28 0.94 0.00 N | 33.70 0.87 0.00 N | 34.31 0.93 0.00 N | 33.56 0.92 0.00 N | 35.26 0.95 0.00 N | 36.99 0.69 0.00 N | 37.06 0.91 0.00 N | 39.75 1.34 0.00 N | 43.73 2.11 0.00 N | 50.26 2.72 0.00 N | 94.97 1.97 -59.28 N | 96.68 1.19 -74.92 N | 48.72 2.06 -10.06 N | 46.52 2.00 -8.83 N | 59.60 1.86 -23.58 N | 65.22 1.83 -30.87 N | 95.06 1.95 -60.05 N | 94.45 1.58 -65.04 N | 53.15 1.73 -19.36 N | 64.35 1.93 -27.90 N | 43.71 1.84 -7.97 N | 40.97 2.16 0.00 N | 37.20 1.80 0.00 N | 38.56 1.46 0.00 N | |
| GILBOA___4 23759 | 35.28 0.94 0.00 N | 33.70 0.87 0.00 N | 34.31 0.93 0.00 N | 33.56 0.92 0.00 N | 35.26 0.95 0.00 N | 36.99 0.69 0.00 N | 37.06 0.91 0.00 N | 39.75 1.34 0.00 N | 43.73 2.11 0.00 N | 50.26 2.72 0.00 N | 94.97 1.97 -59.28 N | 96.68 1.19 -74.92 N | 48.72 2.06 -10.06 N | 46.52 2.00 -8.83 N | 59.60 1.86 -23.58 N | 65.22 1.83 -30.87 N | 95.06 1.95 -60.05 N | 94.45 1.58 -65.04 N | 53.15 1.73 -19.36 N | 64.35 1.93 -27.90 N | 43.71 1.84 -7.97 N | 40.97 2.16 0.00 N | 37.20 1.80 0.00 N | 38.56 1.46 0.00 N | |
| GILBOA____ 23599 | 35.28 0.94 0.00 N | 33.70 0.87 0.00 N | 34.31 0.93 0.00 N | 33.56 0.92 0.00 N | 35.26 0.95 0.00 N | 36.99 0.69 0.00 N | 37.06 0.91 0.00 N | 39.75 1.34 0.00 N | 43.73 2.11 0.00 N | 50.26 2.72 0.00 N | 94.97 1.97 -59.28 N | 96.68 1.19 -74.92 N | 48.72 2.06 -10.06 N | 46.52 2.00 -8.83 N | 59.60 1.86 -23.58 N | 65.22 1.83 -30.87 N | 95.06 1.95 -60.05 N | 94.45 1.58 -65.04 N | 53.15 1.73 -19.36 N | 64.35 1.93 -27.90 N | 43.71 1.84 -7.97 N | 40.97 2.16 0.00 N | 37.20 1.80 0.00 N | 38.56 1.46 0.00 N | |
| GINNA____ 23603 | 32.62 -1.72 0.00 N | 31.16 -1.67 0.00 N | 31.65 -1.73 0.00 N | 30.99 -1.66 0.00 N | 32.60 -1.72 0.00 N | 34.52 -1.79 0.00 N | 34.71 -1.44 0.00 N | 36.99 -1.42 0.00 N | 39.57 -2.05 0.00 N | 45.28 -2.26 0.00 N | 42.85 -1.58 -10.72 N | 33.30 -0.86 -13.59 N | 36.84 -1.58 -1.83 N | 35.94 -1.36 -1.61 N | 37.22 -1.22 -4.29 N | 36.89 -1.25 -5.61 N | 42.50 -1.47 -10.92 N | 38.47 -1.18 -11.82 N | 34.19 -1.39 -3.52 N | 37.96 -1.64 -5.07 N | 33.89 -1.45 -1.45 N | 36.91 -1.90 0.00 N | 33.91 -1.49 0.00 N | 34.85 -2.25 0.00 N | |
| GLEN PARK____ 23778 | 34.09 -0.25 0.00 N | 32.52 -0.31 0.00 N | 32.97 -0.41 0.00 N | 32.25 -0.40 0.00 N | 33.97 -0.34 0.00 N | 36.18 -0.12 0.00 N | 36.48 0.33 0.00 N | 38.85 0.43 0.00 N | 42.30 0.68 0.00 N | 48.57 1.04 0.00 N | 39.95 0.92 -5.31 N | 27.90 0.61 -6.72 N | 38.43 0.93 -0.91 N | 37.25 0.76 -0.79 N | 37.15 0.88 -2.12 N | 36.13 0.83 -2.77 N | 39.23 0.78 -5.40 N | 34.38 0.71 -5.84 N | 34.42 0.62 -1.74 N | 37.93 0.90 -2.51 N | 35.48 0.87 -0.72 N | 39.64 0.83 0.00 N | 35.76 0.36 0.00 N | 37.13 0.04 0.00 N | |
| GLENWOOD_IC_1_G5 23712 | 36.65 2.31 0.00 N | 35.02 2.19 0.00 N | 55.67 2.39 -19.90 N | 34.93 2.28 0.00 N | 36.60 2.28 0.00 N | 38.34 2.04 0.00 N | 38.97 2.77 -0.06 N | 44.77 3.71 -2.66 N | 52.15 5.20 -5.32 N | 54.21 6.55 -0.12 N | 175.24 4.70 -136.83 N | 195.90 2.72 -172.60 N | 64.67 4.84 -23.24 N | 61.13 4.49 -20.94 N | 93.04 4.19 -54.70 N | 107.82 4.02 -71.27 N | 175.91 4.20 -138.66 N | 181.46 3.46 -150.17 N | 80.64 3.88 -44.71 N | 103.21 4.27 -64.41 N | 73.01 4.37 -34.75 N | 49.85 5.20 -5.84 N | 43.34 4.40 -3.55 N | 41.17 3.77 -0.31 N | |
| GLENWOOD_IC_2_G1 23688 | 36.61 2.27 0.00 N | 34.97 2.14 0.00 N | 55.60 2.31 -19.90 N | 34.89 2.24 0.00 N | 36.57 2.26 0.00 N | 38.31 2.01 0.00 N | 38.84 2.69 0.00 N | 43.55 3.59 -1.55 N | 49.79 5.06 -3.11 N | 53.97 6.36 -0.07 N | 175.00 4.56 -136.73 N | 195.83 2.66 -172.60 N | 64.51 4.68 -23.24 N | 61.02 4.56 -20.76 N | 93.04 4.29 -54.60 N | 107.93 4.13 -71.27 N | 176.02 4.31 -138.66 N | 181.55 3.55 -150.17 N | 80.75 3.98 -44.71 N | 103.30 4.36 -64.41 N | 72.88 4.24 -34.75 N | 47.71 5.04 -3.87 N | 41.77 4.29 -2.08 N | 40.95 3.68 -0.18 N | |
| GLENWOOD_IC_3_G1 23689 | 36.61 2.27 0.00 N | 34.97 2.14 0.00 N | 55.60 2.31 -19.90 N | 34.89 2.24 0.00 N | 36.57 2.26 0.00 N | 38.31 2.01 0.00 N | 38.84 2.69 0.00 N | 43.55 3.59 -1.55 N | 49.79 5.06 -3.11 N | 53.97 6.36 -0.07 N | 175.00 4.56 -136.73 N | 195.83 2.66 -172.60 N | 64.51 4.68 -23.24 N | 61.02 4.56 -20.76 N | 93.04 4.29 -54.60 N | 107.93 4.13 -71.27 N | 176.02 4.31 -138.66 N | 181.55 3.55 -150.17 N | 80.75 3.98 -44.71 N | 103.30 4.36 -64.41 N | 72.88 4.24 -34.75 N | 47.71 5.04 -3.87 N | 41.77 4.29 -2.08 N | 40.95 3.68 -0.18 N | |
| GLENWOOD____4 23550 | 36.65 2.31 0.00 N | 35.02 2.19 0.00 N | 55.67 2.39 -19.90 N | 34.92 2.27 0.00 N | 36.59 2.28 0.00 N | 38.34 2.04 0.00 N | 38.97 2.77 -0.06 N | 44.77 3.71 -2.66 N | 52.14 5.20 -5.32 N | 54.21 6.55 -0.12 N | 175.24 4.70 -136.83 N | 195.90 2.72 -172.60 N | 64.67 4.85 -23.24 N | 61.20 4.57 -20.94 N | 93.12 4.27 -54.70 N | 107.90 4.10 -71.27 N | 175.99 4.27 -138.66 N | 181.53 3.52 -150.17 N | 80.71 3.94 -44.71 N | 103.27 4.33 -64.41 N | 73.00 4.36 -34.75 N | 49.85 5.20 -5.84 N | 43.34 4.40 -3.55 N | 41.16 3.76 -0.31 N | |
| GLENWOOD____5 23614 | 36.65 2.31 0.00 N | 35.02 2.19 0.00 N | 55.67 2.39 -19.90 N | 34.92 2.27 0.00 N | 36.59 2.28 0.00 N | 38.34 2.04 0.00 N | 38.97 2.77 -0.06 N | 44.77 3.71 -2.66 N | 52.14 5.20 -5.32 N | 54.21 6.55 -0.12 N | 175.24 4.70 -136.83 N | 195.90 2.72 -172.60 N | 64.67 4.85 -23.24 N | 61.20 4.57 -20.94 N | 93.12 4.27 -54.70 N | 107.90 4.10 -71.27 N | 175.99 4.27 -138.66 N | 181.53 3.52 -150.17 N | 80.71 3.94 -44.71 N | 103.27 4.33 -64.41 N | 73.00 4.36 -34.75 N | 49.85 5.20 -5.84 N | 43.34 4.40 -3.55 N | 41.16 3.76 -0.31 N | |
| GLOBAL GREEN_PORT_GT1 23814 | 38.72 4.38 0.00 N | 37.26 4.43 0.00 N | 58.52 5.24 -19.90 N | 38.04 5.39 0.00 N | 39.79 5.47 0.00 N | 41.37 5.07 0.00 N | 42.21 6.11 0.05 N | 46.01 7.04 -0.55 N | 52.13 9.40 -1.11 N | 59.35 11.79 -0.03 N | 178.97 8.62 -136.64 N | 198.41 5.24 -172.60 N | 69.00 9.17 -23.24 N | 65.52 9.23 -20.60 N | 97.76 9.10 -54.51 N | 112.53 8.73 -71.27 N | 180.68 8.97 -138.66 N | 185.41 7.40 -150.17 N | 84.67 7.90 -44.71 N | 107.48 8.54 -64.41 N | 76.78 8.13 -34.75 N | 50.19 9.30 -2.08 N | 43.64 7.51 -0.74 N | 43.65 6.50 -0.06 N | |
| GOETHSLN____LBMP | 36.46 | 34.80 | 35.43 | 34.66 | 36.33 | 38.07 | 38.61 | 41.81 | 46.41 | 53.71 | 174.54 | 195.71 | 64.33 | 60.37 | 92.64 | 107.68 | 175.76 | 181.28 | 80.49 | 102.99 | 56.93 | 44.09 | 39.62 | 40.97 | |

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| 323567 | 2.12 0.00 N | 1.97 0.00 N | 2.05 0.00 N | 2.01 0.00 N | 2.01 0.00 N | 1.77 0.00 N | 2.46 0.00 N | 3.40 0.00 N | 4.79 0.00 N | 6.17 0.00 N | 4.40 -136.42 N | 2.57 -172.57 N | 4.51 -23.23 N | 4.30 -20.38 N | 4.04 -54.44 N | 3.89 -71.25 N | 4.07 -138.63 N | 3.31 -150.14 N | 3.73 -44.70 N | 4.06 -64.40 N | 3.95 -19.08 N | 4.73 -0.56 N | 4.08 -0.15 N | 3.42 -0.46 N |
| GOODYEAR_LAKE_HYD 323669 | 35.52 1.17 0.00 N | 33.97 1.14 0.00 N | 34.56 1.18 0.00 N | 33.81 1.16 0.00 N | 35.53 1.22 0.00 N | 37.55 1.25 0.00 N | 37.66 1.51 0.00 N | 40.41 2.00 0.00 N | 44.43 2.81 0.00 N | 51.07 3.53 0.00 N | 82.27 2.43 -46.13 N | 80.57 1.67 -58.33 N | 47.32 2.88 -7.85 N | 45.38 2.81 -6.88 N | 55.23 2.69 -18.38 N | 59.14 2.55 -24.06 N | 82.44 2.58 -46.81 N | 80.66 2.14 -50.69 N | 49.53 2.38 -15.09 N | 58.93 2.66 -21.74 N | 42.76 2.66 -6.21 N | 41.81 3.00 0.00 N | 37.90 2.50 0.00 N | 39.21 2.12 0.00 N |
| GOUDEY____7 23579 | 34.64 0.29 0.00 N | 33.02 0.19 0.00 N | 33.67 0.29 0.00 N | 32.89 0.24 0.00 N | 34.59 0.28 0.00 N | 36.45 0.15 0.00 N | 36.65 0.50 0.00 N | 39.39 0.98 0.00 N | 42.88 1.26 0.00 N | 49.40 1.86 0.00 N | 66.34 1.36 -31.27 N | 60.97 0.87 -39.53 N | 43.29 1.39 -5.32 N | 41.80 1.44 -4.66 N | 48.05 1.44 -12.46 N | 50.23 1.40 -16.30 N | 66.11 1.33 -31.72 N | 63.28 1.10 -34.35 N | 43.49 1.20 -10.23 N | 50.60 1.34 -14.73 N | 39.32 1.22 -4.21 N | 40.26 1.45 0.00 N | 36.74 1.34 0.00 N | 37.80 0.70 0.00 N |
| GOUDEY____8 23580 | 34.64 0.29 0.00 N | 33.02 0.19 0.00 N | 33.67 0.29 0.00 N | 32.89 0.24 0.00 N | 34.59 0.28 0.00 N | 36.45 0.15 0.00 N | 36.65 0.50 0.00 N | 39.39 0.98 0.00 N | 42.88 1.26 0.00 N | 49.40 1.86 0.00 N | 66.34 1.36 -31.27 N | 60.97 0.87 -39.53 N | 43.29 1.39 -5.32 N | 41.80 1.44 -4.66 N | 48.05 1.44 -12.46 N | 50.23 1.40 -16.30 N | 66.11 1.33 -31.72 N | 63.28 1.10 -34.35 N | 43.49 1.20 -10.23 N | 50.60 1.34 -14.73 N | 39.32 1.22 -4.21 N | 40.26 1.45 0.00 N | 36.74 1.34 0.00 N | 37.80 0.70 0.00 N |
| GOWANUS_GT1_1 24077 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_2 24078 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_3 24079 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_4 24080 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_5 24084 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_6 24111 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_7 24112 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT1_8 24113 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_1 24114 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_2 24115 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| GOWANUS_GT2_3 24116 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_4 24117 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_5 24118 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_6 24119 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_7 24120 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT2_8 24121 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_1 24122 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_2 24123 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_3 24124 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_4 24125 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_5 24126 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_6 24127 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_7 24128 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| GOWANUS_GT3_8 24129 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---|
| GOWANUS_GT4_1 24130 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_2 24131 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_3 24132 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_4 24133 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_5 24134 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_6 24135 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_7 24136 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GOWANUS_GT4_8 24137 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.63 -150.14 N | 80.86 4.10 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N | |
| GREENIDGE___3 23582 | 34.41 0.07 0.00 N | 32.79 -0.04 0.00 N | 33.42 0.04 0.00 N | 32.65 0.00 0.00 N | 34.37 0.05 0.00 N | 36.32 0.02 0.00 N | 36.63 0.48 0.00 N | 39.35 0.94 0.00 N | 42.52 0.89 0.00 N | 49.08 1.55 0.00 N | 52.26 1.13 -17.42 N | 43.35 0.77 -22.01 N | 40.67 1.12 -2.96 N | 39.47 1.18 -2.60 N | 42.40 1.31 -6.94 N | 42.83 1.22 -9.08 N | 51.76 1.04 -17.66 N | 47.85 0.89 -19.13 N | 38.62 0.86 -5.69 N | 43.65 0.92 -8.21 N | 37.11 0.87 -2.34 N | 39.80 0.98 0.00 N | 36.31 0.92 0.00 N | 37.11 0.02 0.00 N | |
| GREENIDGE___4 23583 | 34.41 0.07 0.00 N | 32.79 -0.04 0.00 N | 33.42 0.04 0.00 N | 32.65 0.00 0.00 N | 34.37 0.05 0.00 N | 36.32 0.02 0.00 N | 36.63 0.48 0.00 N | 39.35 0.94 0.00 N | 42.52 0.89 0.00 N | 49.08 1.55 0.00 N | 52.26 1.13 -17.42 N | 43.35 0.77 -22.01 N | 40.67 1.12 -2.96 N | 39.47 1.18 -2.60 N | 42.40 1.31 -6.94 N | 42.83 1.22 -9.08 N | 51.76 1.04 -17.66 N | 47.85 0.89 -19.13 N | 38.62 0.86 -5.69 N | 43.65 0.92 -8.21 N | 37.11 0.87 -2.34 N | 39.80 0.98 0.00 N | 36.31 0.92 0.00 N | 37.11 0.02 0.00 N | |
| GROVEVILLE___HYD 323602 | 36.59 2.25 0.00 N | 34.89 2.06 0.00 N | 35.52 2.14 0.00 N | 34.73 2.09 0.00 N | 36.44 2.13 0.00 N | 38.21 1.91 0.00 N | 38.66 2.51 0.00 N | 41.70 3.28 0.00 N | 46.26 4.64 0.00 N | 53.45 5.91 0.00 N | 156.69 4.16 -118.81 N | 174.13 2.44 -151.12 N | 61.45 4.25 -20.62 N | 57.79 4.00 -18.09 N | 86.19 3.69 -48.35 N | 99.39 3.54 -63.32 N | 159.96 3.71 -123.20 N | 164.28 3.03 -133.42 N | 75.24 3.45 -39.72 N | 95.56 3.81 -57.23 N | 53.96 3.72 -16.34 N | 43.25 4.45 0.00 N | 39.18 3.78 0.00 N | 40.38 3.29 0.00 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 33.31 -1.03 0.00 N | 31.93 -0.91 0.00 N | 32.29 -1.09 0.00 N | 31.61 -1.04 0.00 N | 33.22 -1.10 0.00 N | 35.44 -0.86 0.00 N | 35.41 -0.74 0.00 N | 37.41 -1.00 0.00 N | 40.67 -0.95 0.00 N | 46.12 -1.42 0.00 N | 33.00 -0.71 0.00 N | 20.12 -0.45 0.00 N | 35.73 -0.85 0.00 N | 34.62 -1.07 0.00 N | 33.12 -1.04 0.00 N | 31.51 -1.02 0.00 N | 31.98 -1.07 0.00 N | 27.00 -0.83 0.00 N | 31.11 -0.95 0.00 N | 33.53 -1.00 0.00 N | 32.95 -0.94 0.00 N | 37.89 -0.92 0.00 N | 34.19 -1.21 0.00 N | 36.23 -0.86 0.00 N | |
| HARDSCRABBLE_WT_PWR 323673 | 35.05 0.71 0.00 N | 33.45 0.62 0.00 N | 34.03 0.65 0.00 N | 33.31 0.67 0.00 N | 35.07 0.76 0.00 N | 37.03 0.73 0.00 N | 37.25 1.10 0.00 N | 39.76 1.35 0.00 N | 43.49 1.87 0.00 N | 50.28 2.74 0.00 N | 35.90 2.18 0.00 N | 21.71 1.15 0.00 N | 38.47 1.88 0.00 N | 37.33 1.64 0.00 N | 35.94 1.78 0.00 N | 34.30 1.77 0.00 N | 34.91 1.86 0.00 N | 29.38 1.55 0.00 N | 33.46 1.40 0.00 N | 36.16 1.64 0.00 N | 35.25 1.36 0.00 N | 40.35 1.54 0.00 N | 36.42 1.03 0.00 N | 37.61 0.52 0.00 N | |
| HARZA MOOSE___RIVER | 34.36 | 32.84 | 33.37 | 32.62 | 34.33 | 36.45 | 36.53 | 38.97 | 42.52 | 48.76 | 38.79 | 26.35 | 38.34 | 37.23 | 36.80 | 35.61 | 38.09 | 33.10 | 34.14 | 37.36 | 35.32 | 39.76 | 35.91 | 37.40 | |

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| 24016 | 0.02 0.00 N | 0.00 0.00 N | -0.01 0.00 N | -0.03 0.00 N | 0.01 0.00 N | 0.15 0.00 N | 0.38 0.00 N | 0.56 0.00 N | 0.90 0.00 N | 1.22 0.00 N | 1.06 -4.02 N | 0.70 -5.09 N | 1.07 -0.68 N | 0.93 -0.60 N | 1.05 -1.60 N | 0.98 -2.10 N | 0.95 -4.09 N | 0.84 -4.43 N | 0.76 -1.32 N | 0.94 -1.90 N | 0.88 -0.54 N | 0.95 0.00 N | 0.52 0.00 N | 0.31 0.00 N |
| HEMPSTEAD____ 23647 | 36.48 2.14 0.00 N | 34.87 2.04 0.00 N | 55.56 2.28 -19.90 N | 34.80 2.16 0.00 N | 36.41 2.10 0.00 N | 38.15 1.85 0.00 N | 38.88 2.67 -0.06 N | 44.59 3.52 -2.66 N | 51.97 5.03 -5.32 N | 54.07 6.41 -0.12 N | 175.25 4.71 -136.83 N | 195.89 2.71 -172.60 N | 64.58 4.75 -23.24 N | 61.08 4.44 -20.94 N | 93.07 4.21 -54.70 N | 107.85 4.05 -71.27 N | 175.93 4.22 -138.66 N | 181.47 3.46 -150.17 N | 80.56 3.79 -44.71 N | 103.12 4.18 -64.41 N | 72.84 4.20 -34.75 N | 49.68 5.03 -5.84 N | 43.13 4.19 -3.55 N | 40.91 3.51 -0.31 N |
| HICKLING____1 23621 | 34.62 0.28 0.00 N | 32.94 0.10 0.00 N | 33.69 0.31 0.00 N | 32.86 0.21 0.00 N | 34.65 0.34 0.00 N | 36.53 0.23 0.00 N | 36.95 0.79 0.00 N | 40.12 1.71 0.00 N | 43.33 1.71 0.00 N | 50.09 2.55 -22.27 N | 57.77 1.78 -28.14 N | 49.86 1.15 -3.78 N | 42.11 1.74 -3.32 N | 40.94 1.93 -8.87 N | 44.93 1.91 -11.60 N | 45.95 1.81 -22.57 N | 57.24 1.62 -24.45 N | 53.60 1.32 -7.28 N | 40.89 1.55 -10.49 N | 46.70 1.69 -3.00 N | 38.41 1.52 -3.00 N | 40.58 1.77 0.00 N | 37.13 1.74 0.00 N | 37.71 0.61 0.00 N |
| HICKLING____2 23622 | 34.62 0.28 0.00 N | 32.94 0.10 0.00 N | 33.69 0.31 0.00 N | 32.86 0.21 0.00 N | 34.65 0.34 0.00 N | 36.53 0.23 0.00 N | 36.95 0.79 0.00 N | 40.12 1.71 0.00 N | 43.33 1.71 0.00 N | 50.09 2.55 -22.27 N | 57.77 1.78 -28.14 N | 49.86 1.15 -3.78 N | 42.11 1.74 -3.32 N | 40.94 1.93 -8.87 N | 44.93 1.91 -11.60 N | 45.95 1.81 -22.57 N | 57.24 1.62 -24.45 N | 53.60 1.32 -7.28 N | 40.89 1.55 -10.49 N | 46.70 1.69 -3.00 N | 38.41 1.52 -3.00 N | 40.58 1.77 0.00 N | 37.13 1.74 0.00 N | 37.71 0.61 0.00 N |
| HIGH FALLS____HY 23754 | 36.56 2.22 0.00 N | 34.86 2.03 0.00 N | 35.46 2.08 0.00 N | 34.66 2.01 0.00 N | 36.37 2.05 0.00 N | 38.20 1.90 0.00 N | 38.65 2.50 0.00 N | 41.59 3.18 0.00 N | 46.22 4.60 0.00 N | 53.56 6.03 -125.68 N | 163.83 4.44 -158.75 N | 181.92 2.60 -21.30 N | 62.19 4.30 -18.68 N | 58.39 4.02 -49.93 N | 88.01 3.92 -65.39 N | 101.67 3.75 -127.23 N | 164.12 3.84 -137.78 N | 168.95 3.33 -41.02 N | 76.77 3.69 -59.10 N | 97.75 4.12 -16.88 N | 54.80 4.02 0.00 N | 43.56 4.75 0.00 N | 39.36 3.97 0.00 N | 40.36 3.27 0.00 N |
| HILLBURN____GT 23639 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.14 0.00 N | 34.73 2.08 0.00 N | 36.41 2.09 0.00 N | 38.17 1.87 0.00 N | 38.69 2.54 0.00 N | 41.65 3.24 0.00 N | 46.29 4.67 0.00 N | 53.57 6.03 -130.44 N | 168.47 4.32 -165.10 N | 188.24 2.57 -22.26 N | 63.32 4.47 -19.53 N | 59.48 4.26 -52.17 N | 90.47 4.14 -68.30 N | 104.85 4.02 -132.89 N | 170.14 4.20 -143.91 N | 175.22 3.48 -42.84 N | 78.66 3.76 -61.73 N | 100.44 4.18 -17.63 N | 55.53 4.01 0.00 N | 43.53 4.72 0.00 N | 39.34 3.94 0.00 N | 40.39 3.30 0.00 N |
| HISHELDN_WT_PWR 323625 | 33.62 -0.72 0.00 N | 32.01 -0.83 0.00 N | 32.62 -0.76 0.00 N | 31.89 -0.76 0.00 N | 33.61 -0.71 0.00 N | 35.49 -0.82 0.00 N | 35.71 -0.44 0.00 N | 38.40 -0.01 0.00 N | 40.65 -0.97 0.00 N | 46.57 -0.97 -15.91 N | 48.91 -0.71 -20.05 N | 40.31 -0.31 -2.69 N | 38.51 -0.77 -2.36 N | 37.55 -0.51 -6.31 N | 40.05 -0.41 -8.26 N | 40.23 -0.56 -16.06 N | 48.21 -0.91 -17.40 N | 44.55 -0.68 -5.18 N | 36.49 -0.75 -7.46 N | 41.02 -0.97 -2.13 N | 35.11 -0.91 0.00 N | 37.71 -1.10 0.00 N | 34.98 -0.42 0.00 N | 35.47 -1.62 0.00 N |
| HOLTSVILLE_IC_1 23690 | 36.53 2.19 0.00 N | 35.09 2.26 0.00 N | 56.14 2.86 -19.90 N | 35.54 2.90 0.00 N | 37.15 2.83 0.00 N | 38.62 2.32 0.00 N | 39.14 3.04 0.05 N | 42.87 3.92 -0.54 N | 48.37 5.66 -1.09 N | 54.52 6.96 -0.02 N | 175.29 4.94 -136.64 N | 196.02 2.84 -172.60 N | 64.71 4.88 -23.24 N | 61.27 4.98 -20.60 N | 93.43 4.77 -54.50 N | 108.39 4.59 -71.27 N | 176.49 4.77 -138.66 N | 181.96 3.96 -150.17 N | 81.11 4.35 -44.71 N | 103.64 4.70 -64.41 N | 73.22 4.58 -34.75 N | 46.36 5.50 -2.06 N | 40.81 4.70 -0.72 N | 41.25 4.10 -0.06 N |
| HOLTSVILLE_IC_10 23699 | 36.89 2.55 0.00 N | 35.45 2.62 0.00 N | 56.53 3.24 -19.90 N | 35.94 3.30 0.00 N | 37.58 3.26 0.00 N | 39.07 2.77 0.00 N | 39.63 3.53 0.05 N | 43.36 4.35 -0.59 N | 49.03 6.23 -1.18 N | 55.27 7.71 -0.03 N | 175.85 5.50 -136.64 N | 196.38 3.20 -172.60 N | 65.29 5.47 -23.24 N | 61.83 5.53 -20.60 N | 94.04 5.38 -54.51 N | 108.98 5.18 -71.27 N | 177.08 5.36 -138.66 N | 182.45 4.45 -150.17 N | 81.57 4.81 -44.71 N | 104.14 5.20 -64.41 N | 73.71 5.07 -34.75 N | 47.06 6.11 -2.14 N | 41.35 5.17 -0.79 N | 41.66 4.50 -0.07 N |
| HOLTSVILLE_IC_2 23691 | 36.53 2.19 0.00 N | 35.09 2.26 0.00 N | 56.14 2.86 -19.90 N | 35.54 2.90 0.00 N | 37.15 2.83 0.00 N | 38.62 2.32 0.00 N | 39.14 3.04 0.05 N | 42.87 3.92 -0.54 N | 48.37 5.66 -1.09 N | 54.52 6.96 -0.02 N | 175.29 4.94 -136.64 N | 196.02 2.84 -172.60 N | 64.71 4.88 -23.24 N | 61.27 4.98 -20.60 N | 93.43 4.77 -54.50 N | 108.39 4.59 -71.27 N | 176.49 4.77 -138.66 N | 181.96 3.96 -150.17 N | 81.11 4.35 -44.71 N | 103.64 4.70 -64.41 N | 73.22 4.58 -34.75 N | 46.36 5.50 -2.06 N | 40.81 4.70 -0.72 N | 41.25 4.10 -0.06 N |
| HOLTSVILLE_IC_3 23692 | 36.53 2.19 0.00 N | 35.09 2.26 0.00 N | 56.14 2.86 -19.90 N | 35.54 2.90 0.00 N | 37.15 2.83 0.00 N | 38.62 2.32 0.00 N | 39.14 3.04 0.05 N | 42.87 3.92 -0.54 N | 48.37 5.66 -1.09 N | 54.52 6.96 -0.02 N | 175.29 4.94 -136.64 N | 196.02 2.84 -172.60 N | 64.71 4.88 -23.24 N | 61.27 4.98 -20.60 N | 93.43 4.77 -54.50 N | 108.39 4.59 -71.27 N | 176.49 4.77 -138.66 N | 181.96 3.96 -150.17 N | 81.11 4.35 -44.71 N | 103.64 4.70 -64.41 N | 73.22 4.58 -34.75 N | 46.36 5.50 -2.06 N | 40.81 4.70 -0.72 N | 41.25 4.10 -0.06 N |
| HOLTSVILLE_IC_4 23693 | 36.53 2.19 0.00 N | 35.09 2.26 0.00 N | 56.14 2.86 -19.90 N | 35.54 2.90 0.00 N | 37.15 2.83 0.00 N | 38.62 2.32 0.00 N | 39.14 3.04 0.05 N | 42.87 3.92 -0.54 N | 48.37 5.66 -1.09 N | 54.52 6.96 -0.02 N | 175.29 4.94 -136.64 N | 196.02 2.84 -172.60 N | 64.71 4.88 -23.24 N | 61.27 4.98 -20.60 N | 93.43 4.77 -54.50 N | 108.39 4.59 -71.27 N | 176.49 4.77 -138.66 N | 181.96 3.96 -150.17 N | 81.11 4.35 -44.71 N | 103.64 4.70 -64.41 N | 73.22 4.58 -34.75 N | 46.36 5.50 -2.06 N | 40.81 4.70 -0.72 N | 41.25 4.10 -0.06 N |
| HOLTSVILLE_IC_5 23694 | 36.53 2.19 0.00 N | 35.09 2.26 0.00 N | 56.14 2.86 -19.90 N | 35.54 2.90 0.00 N | 37.15 2.83 0.00 N | 38.62 2.32 0.00 N | 39.14 3.04 0.05 N | 42.87 3.92 -0.54 N | 48.37 5.66 -1.09 N | 54.52 6.96 -0.02 N | 175.29 4.94 -136.64 N | 196.02 2.84 -172.60 N | 64.71 4.88 -23.24 N | 61.27 4.98 -20.60 N | 93.43 4.77 -54.50 N | 108.39 4.59 -71.27 N | 176.49 4.77 -138.66 N | 181.96 3.96 -150.17 N | 81.11 4.35 -44.71 N | 103.64 4.70 -64.41 N | 73.22 4.58 -34.75 N | 46.36 5.50 -2.06 N | 40.81 4.70 -0.72 N | 41.25 4.10 -0.06 N |
| HOLTSVILLE_IC_6 23695 | 36.89 2.55 0.00 N | 35.45 2.62 0.00 N | 56.53 3.24 -19.90 N | 35.94 3.30 0.00 N | 37.58 3.26 0.00 N | 39.07 2.77 0.00 N | 39.63 3.53 0.05 N | 43.36 4.35 -0.59 N | 49.03 6.23 -1.18 N | 55.27 7.71 -0.03 N | 175.85 5.50 -136.64 N | 196.38 3.20 -172.60 N | 65.29 5.47 -23.24 N | 61.83 5.53 -20.60 N | 94.04 5.38 -54.51 N | 108.98 5.18 -71.27 N | 177.08 5.36 -138.66 N | 182.45 4.45 -150.17 N | 81.57 4.81 -44.71 N | 104.14 5.20 -64.41 N | 73.71 5.07 -34.75 N | 47.06 6.11 -2.14 N | 41.35 5.17 -0.79 N | 41.66 4.50 -0.07 N |

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| HOLTSVILLE_IC_7 23696 | 36.89 2.55 0.00 N | 35.45 2.62 0.00 N | 56.53 3.24 -19.90 N | 35.94 3.30 0.00 N | 37.58 3.26 0.00 N | 39.07 2.77 0.00 N | 39.63 3.53 0.05 N | 43.36 4.35 -0.59 N | 49.03 6.23 -1.18 N | 55.27 7.71 -0.03 N | 175.85 5.50 -136.64 N | 196.38 3.20 -172.60 N | 65.29 5.47 -23.24 N | 61.83 5.53 -20.60 N | 94.04 5.38 -54.51 N | 108.98 5.18 -71.27 N | 177.08 5.36 -138.66 N | 182.45 4.45 -150.17 N | 81.57 4.81 -44.71 N | 104.14 5.20 -64.41 N | 73.71 5.07 -34.75 N | 47.06 6.11 -2.14 N | 41.35 5.17 -0.79 N | 41.66 4.50 -0.07 N |
| HOLTSVILLE_IC_8 23697 | 36.89 2.55 0.00 N | 35.45 2.62 0.00 N | 56.53 3.24 -19.90 N | 35.94 3.30 0.00 N | 37.58 3.26 0.00 N | 39.07 2.77 0.00 N | 39.63 3.53 0.05 N | 43.36 4.35 -0.59 N | 49.03 6.23 -1.18 N | 55.27 7.71 -0.03 N | 175.85 5.50 -136.64 N | 196.38 3.20 -172.60 N | 65.29 5.47 -23.24 N | 61.83 5.53 -20.60 N | 94.04 5.38 -54.51 N | 108.98 5.18 -71.27 N | 177.08 5.36 -138.66 N | 182.45 4.45 -150.17 N | 81.57 4.81 -44.71 N | 104.14 5.20 -64.41 N | 73.71 5.07 -34.75 N | 47.06 6.11 -2.14 N | 41.35 5.17 -0.79 N | 41.66 4.50 -0.07 N |
| HOLTSVILLE_IC_9 23698 | 36.89 2.55 0.00 N | 35.45 2.62 0.00 N | 56.53 3.24 -19.90 N | 35.94 3.30 0.00 N | 37.58 3.26 0.00 N | 39.07 2.77 0.00 N | 39.63 3.53 0.05 N | 43.36 4.35 -0.59 N | 49.03 6.23 -1.18 N | 55.27 7.71 -0.03 N | 175.85 5.50 -136.64 N | 196.38 3.20 -172.60 N | 65.29 5.47 -23.24 N | 61.83 5.53 -20.60 N | 94.04 5.38 -54.51 N | 108.98 5.18 -71.27 N | 177.08 5.36 -138.66 N | 182.45 4.45 -150.17 N | 81.57 4.81 -44.71 N | 104.14 5.20 -64.41 N | 73.71 5.07 -34.75 N | 47.06 6.11 -2.14 N | 41.35 5.17 -0.79 N | 41.66 4.50 -0.07 N |
| HQ_GEN_CEDARS 23644 | 33.79 -0.55 0.00 N | 32.43 -0.41 0.00 N | 32.82 -0.56 0.00 N | 32.11 -0.54 0.00 N | 33.73 -0.59 0.00 N | 36.04 -0.26 0.00 N | 35.71 -0.44 0.00 N | 37.45 -0.96 0.00 N | 40.59 -1.04 0.00 N | 45.40 -2.14 0.00 N | 32.64 -1.08 0.00 N | 19.84 -0.73 0.00 N | 35.31 -1.28 0.00 N | 34.05 -1.65 0.00 N | 32.42 -1.74 0.00 N | 30.80 -1.74 0.00 N | 31.28 -1.77 0.00 N | 26.44 -1.39 0.00 N | 30.65 -1.41 0.00 N | 32.85 -1.68 0.00 N | 32.34 -1.56 0.00 N | 37.64 -1.17 0.00 N | 33.77 -1.63 0.00 N | 36.53 -0.56 0.00 N |
| HQ_GEN_CEDARS_PROXY 323590 | 33.79 -0.55 0.00 N | 32.43 -0.41 0.00 N | 32.82 -0.56 0.00 N | 32.11 -0.54 0.00 N | 33.73 -0.59 0.00 N | 36.04 -0.26 0.00 N | 35.71 -0.44 0.00 N | 37.45 -0.96 0.00 N | 40.08 -1.08 -0.89 N | 45.40 -2.14 0.00 N | 32.64 -1.08 0.00 N | 19.84 -0.73 0.00 N | 35.31 -1.28 0.00 N | 34.05 -1.65 0.00 N | 32.42 -1.74 0.00 N | 30.80 -1.74 0.00 N | 31.28 -1.77 0.00 N | 26.44 -1.39 0.00 N | 30.65 -1.41 0.00 N | 32.85 -1.68 0.00 N | 32.34 -1.56 0.00 N | 37.64 -1.17 0.00 N | 33.77 -1.63 0.00 N | 36.53 -0.56 0.00 N |
| HQ_GEN_IMPORT 323601 | 34.06 -0.28 0.00 N | 32.61 -0.22 0.00 N | 33.11 -0.27 0.00 N | 32.38 -0.27 0.00 N | 34.03 -0.29 0.00 N | 38.65 0.01 0.36 N | 34.10 -0.30 0.00 N | 37.27 -0.72 0.00 N | 39.13 -0.76 0.00 N | 46.31 -1.23 0.00 N | 32.79 -0.93 0.00 N | 22.14 -0.63 -0.85 N | 32.20 -0.93 -0.78 N | 34.60 -1.09 0.00 N | 32.00 -0.99 1.55 N | 31.57 -0.97 0.00 N | 32.88 -1.08 -0.38 N | 32.79 -1.12 2.36 N | 31.81 -0.86 -0.30 N | 33.54 -0.99 0.00 N | 32.98 -0.92 0.00 N | 32.94 -0.78 1.88 N | 34.73 -0.85 0.67 N | 36.74 -0.26 1.73 N |
| HQ_GEN_WHEEL 23651 | 34.06 -0.28 0.00 N | 32.61 -0.22 0.00 N | 33.11 -0.27 0.00 N | 32.38 -0.27 0.00 N | 34.03 -0.29 0.00 N | 38.65 0.01 0.36 N | 34.10 -0.30 0.00 N | 37.27 -0.72 0.00 N | 39.13 -0.76 0.00 N | 46.31 -1.23 0.00 N | 32.79 -0.93 0.00 N | 22.14 -0.63 -0.85 N | 32.20 -0.93 -0.78 N | 34.60 -1.09 0.00 N | 32.00 -0.99 1.55 N | 31.57 -0.97 0.00 N | 32.88 -1.08 -0.38 N | 32.79 -1.12 2.36 N | 31.81 -0.86 -0.30 N | 33.54 -0.99 0.00 N | 32.98 -0.92 0.00 N | 32.94 -0.78 1.88 N | 34.73 -0.85 0.67 N | 36.74 -0.26 1.73 N |
| HUDSON AVE_GT_3 23810 | 36.66 2.31 0.00 N | 34.97 2.14 0.00 N | 35.61 2.23 0.00 N | 34.83 2.18 0.00 N | 36.52 2.20 0.00 N | 38.28 1.98 0.00 N | 38.81 2.66 0.00 N | 42.03 3.61 0.00 N | 46.68 5.06 0.00 N | 54.01 6.47 0.00 N | 174.77 4.63 -136.42 N | 195.87 2.73 -172.57 N | 64.63 4.81 -23.23 N | 60.70 4.63 -20.38 N | 92.95 4.35 -54.44 N | 107.97 4.19 -71.25 N | 176.06 4.37 -138.63 N | 181.55 3.59 -150.14 N | 80.77 4.02 -44.70 N | 103.30 4.38 -64.40 N | 56.53 4.24 -18.39 N | 43.83 5.02 0.00 N | 39.70 4.30 0.00 N | 40.72 3.63 0.00 N |
| HUDSON AVE_GT_4 23540 | 36.66 2.31 0.00 N | 34.97 2.14 0.00 N | 35.61 2.23 0.00 N | 34.83 2.18 0.00 N | 36.52 2.20 0.00 N | 38.28 1.98 0.00 N | 38.81 2.66 0.00 N | 42.03 3.61 0.00 N | 46.68 5.06 0.00 N | 54.01 6.47 0.00 N | 174.77 4.63 -136.42 N | 195.87 2.73 -172.57 N | 64.63 4.81 -23.23 N | 60.70 4.63 -20.38 N | 92.95 4.35 -54.44 N | 107.97 4.19 -71.25 N | 176.06 4.37 -138.63 N | 181.55 3.59 -150.14 N | 80.77 4.02 -44.70 N | 103.30 4.38 -64.40 N | 56.53 4.24 -18.39 N | 43.83 5.02 0.00 N | 39.70 4.30 0.00 N | 40.72 3.63 0.00 N |
| HUDSON AVE_GT_5 23657 | 36.66 2.31 0.00 N | 34.97 2.14 0.00 N | 35.61 2.23 0.00 N | 34.83 2.18 0.00 N | 36.52 2.20 0.00 N | 38.28 1.98 0.00 N | 38.81 2.66 0.00 N | 42.03 3.61 0.00 N | 46.68 5.06 0.00 N | 54.01 6.47 0.00 N | 174.77 4.63 -136.42 N | 195.87 2.73 -172.57 N | 64.63 4.81 -23.23 N | 60.70 4.63 -20.38 N | 92.95 4.35 -54.44 N | 107.97 4.19 -71.25 N | 176.06 4.37 -138.63 N | 181.55 3.59 -150.14 N | 80.77 4.02 -44.70 N | 103.30 4.38 -64.40 N | 56.53 4.24 -18.39 N | 43.83 5.02 0.00 N | 39.70 4.30 0.00 N | 40.72 3.63 0.00 N |
| HUDSON_AVE_10 24168 | 36.47 2.13 0.00 N | 34.79 1.96 0.00 N | 35.45 2.07 0.00 N | 34.67 2.02 0.00 N | 36.36 2.05 0.00 N | 38.09 1.79 0.00 N | 38.62 2.47 0.00 N | 41.80 3.38 0.00 N | 46.42 4.80 0.00 N | 53.68 6.15 -136.42 N | 174.51 4.38 -166.90 N | 190.05 2.58 -23.23 N | 64.37 4.55 -20.38 N | 60.46 4.39 -20.38 N | 92.71 4.11 -54.44 N | 107.75 3.97 -71.25 N | 175.84 4.15 -138.63 N | 181.36 3.40 -150.14 N | 80.56 3.80 -44.70 N | 103.11 4.18 -64.40 N | 56.32 4.03 -18.39 N | 43.59 4.78 0.00 N | 39.50 4.11 0.00 N | 40.55 3.46 0.00 N |
| HUNTER MOUNT___DRP 323613 | 37.05 2.71 0.00 N | 35.34 2.51 0.00 N | 36.01 2.62 0.00 N | 35.22 2.57 0.00 N | 37.07 2.76 0.00 N | 38.93 2.63 0.00 N | 39.31 3.16 0.00 N | 42.10 3.68 0.00 N | 46.48 4.86 0.00 N | 53.56 6.02 -89.58 N | 127.69 4.39 -112.80 N | 136.06 2.69 -15.02 N | 56.13 4.52 -13.17 N | 53.26 4.39 -35.20 N | 73.58 4.22 -35.20 N | 82.75 4.12 -46.09 N | 127.05 4.31 -89.68 N | 128.49 3.53 -97.13 N | 64.86 3.89 -28.92 N | 80.54 4.35 -41.66 N | 49.95 4.16 -11.90 N | 43.55 4.74 0.00 N | 39.38 3.98 0.00 N | 40.67 3.58 0.00 N |
| HUNTLEY___63 23557 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 -14.03 N | 46.70 -1.05 -17.62 N | 37.71 -0.48 -2.36 N | 37.89 -1.06 -2.07 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N |
| HUNTLEY___64 23558 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 -14.03 N | 46.70 -1.05 -17.62 N | 37.71 -0.48 -2.36 N | 37.89 -1.06 -2.07 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---|---|
| HUNTLEY___65 23559 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 0.00 N | 46.70 -1.05 -14.03 N | 37.71 -0.48 -17.62 N | 37.89 -1.06 -2.36 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N | | |
| HUNTLEY___66 23560 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 0.00 N | 46.70 -1.05 -14.03 N | 37.71 -0.48 -17.62 N | 37.89 -1.06 -2.36 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N | | |
| HUNTLEY___67 23561 | 33.47 -0.87 0.00 N | 31.90 -0.93 0.00 N | 32.48 -0.91 0.00 N | 31.75 -0.90 0.00 N | 33.45 -0.87 0.00 N | 35.26 -1.04 0.00 N | 35.40 -0.75 0.00 N | 37.89 -0.53 0.00 N | 39.77 -1.85 0.00 N | 45.39 -2.15 0.00 N | 46.54 -1.57 -14.39 N | 37.87 -0.81 -18.11 N | 37.38 -1.64 -2.43 N | 36.46 -1.36 -2.13 N | 38.67 -1.18 -5.70 N | 38.64 -1.34 -7.45 N | 45.81 -1.75 -14.50 N | 42.20 -1.34 -15.71 N | 35.25 -1.48 -4.67 N | 39.45 -1.81 -6.74 N | 34.20 -1.62 -1.93 N | 36.94 -1.87 0.00 N | 34.45 -0.95 0.00 N | 34.99 -2.11 0.00 N | | |
| HUNTLEY___68 23562 | 33.47 -0.87 0.00 N | 31.90 -0.93 0.00 N | 32.48 -0.91 0.00 N | 31.75 -0.90 0.00 N | 33.45 -0.87 0.00 N | 35.26 -1.04 0.00 N | 35.40 -0.75 0.00 N | 37.89 -0.53 0.00 N | 39.77 -1.85 0.00 N | 45.39 -2.15 0.00 N | 46.54 -1.57 -14.39 N | 37.87 -0.81 -18.11 N | 37.38 -1.64 -2.43 N | 36.46 -1.36 -2.13 N | 38.67 -1.18 -5.70 N | 38.64 -1.34 -7.45 N | 45.81 -1.75 -14.50 N | 42.20 -1.34 -15.71 N | 35.25 -1.48 -4.67 N | 39.45 -1.81 -6.74 N | 34.20 -1.62 -1.93 N | 36.94 -1.87 0.00 N | 34.45 -0.95 0.00 N | 34.99 -2.11 0.00 N | | |
| HYLAND___LFGE 323620 | 34.77 0.43 0.00 N | 33.11 0.28 0.00 N | 33.68 0.29 0.00 N | 32.90 0.25 0.00 N | 34.68 0.36 0.00 N | 36.75 0.45 0.00 N | 37.25 1.11 0.00 N | 39.84 1.43 0.00 N | 42.95 1.32 0.00 N | 49.13 1.59 0.00 N | 50.18 0.96 -15.51 N | 40.17 -0.01 -19.62 N | 39.09 -0.14 -2.64 N | 38.10 0.10 -2.31 N | 40.49 0.15 -6.18 N | 40.68 0.05 -8.09 N | 47.86 -0.93 -15.74 N | 44.05 -0.83 -17.05 N | 36.93 -0.21 -5.07 N | 41.40 -0.44 -7.31 N | 35.93 -0.06 -2.09 N | 40.01 1.20 0.00 N | 36.63 1.24 0.00 N | 37.10 0.00 0.00 N | | |
| INDECK___CORINTH 23802 | 33.37 -0.97 0.00 N | 31.84 -0.99 0.00 N | 32.32 -1.07 0.00 N | 31.63 -1.01 0.00 N | 33.36 -0.95 0.00 N | 34.94 -1.37 0.00 N | 35.22 -0.93 0.00 N | 37.89 -0.52 0.00 N | 42.05 0.43 0.00 N | 48.43 0.89 0.00 N | 34.47 0.75 0.00 N | 20.93 0.36 0.00 N | 37.25 0.66 0.00 N | 36.30 0.61 0.00 N | 34.60 0.44 0.00 N | 33.10 0.56 0.00 N | 33.85 0.79 0.00 N | 28.38 0.55 0.00 N | 32.50 0.44 0.00 N | 35.22 0.69 0.00 N | 34.55 0.66 0.00 N | 39.44 0.63 0.00 N | 35.41 0.02 0.00 N | 36.68 -0.42 0.00 N | | |
| INDECK___ILION 23567 | 34.87 0.53 0.00 N | 33.33 0.49 0.00 N | 33.91 0.53 0.00 N | 33.17 0.52 0.00 N | 34.91 0.60 0.00 N | 36.86 0.56 0.00 N | 36.94 0.79 0.00 N | 39.32 0.90 0.00 N | 42.90 1.28 0.00 N | 49.38 1.84 0.00 N | 35.13 1.41 0.00 N | 21.35 0.78 0.00 N | 37.87 1.29 0.00 N | 36.81 1.12 0.00 N | 35.39 1.24 0.00 N | 33.75 1.22 0.00 N | 34.32 1.27 0.00 N | 28.89 1.06 0.00 N | 33.00 0.94 0.00 N | 35.62 1.09 0.00 N | 34.81 0.92 0.00 N | 39.87 1.06 0.00 N | 36.13 0.73 0.00 N | 37.52 0.42 0.00 N | | |
| INDECK___OLEAN 23982 | 34.65 0.31 0.00 N | 32.91 0.07 0.00 N | 33.63 0.25 0.00 N | 32.83 0.18 0.00 N | 34.60 0.28 0.00 N | 36.68 0.38 0.00 N | 37.43 1.28 0.00 N | 40.67 2.25 0.00 N | 43.71 2.08 0.00 N | 50.60 3.06 0.00 N | 51.92 2.11 -16.09 N | 42.25 1.41 -20.27 N | 41.40 2.09 -2.72 N | 40.28 2.20 -2.39 N | 42.70 2.17 -6.38 N | 42.71 1.84 -8.34 N | 50.71 1.42 -16.23 N | 46.60 1.19 -17.58 N | 38.43 1.13 -5.23 N | 43.26 1.19 -7.54 N | 37.31 1.27 -2.15 N | 40.27 1.46 0.00 N | 36.97 1.58 0.00 N | 37.06 -0.03 0.00 N | | |
| INDECK___OSWEGO 23783 | 33.70 -0.64 0.00 N | 32.19 -0.64 0.00 N | 32.72 -0.67 0.00 N | 32.00 -0.64 0.00 N | 33.63 -0.69 0.00 N | 35.51 -0.79 0.00 N | 35.44 -0.71 0.00 N | 37.71 -0.71 0.00 N | 40.86 -0.76 0.00 N | 46.82 -0.72 0.00 N | 40.58 -0.48 -7.34 N | 29.61 -0.25 -9.29 N | 37.36 -0.48 -1.25 N | 36.32 -0.47 -1.10 N | 36.70 -0.39 -2.93 N | 35.99 -0.37 -3.83 N | 40.10 -0.41 -7.45 N | 35.57 -0.33 -8.07 N | 33.99 -0.47 -2.40 N | 37.51 -0.48 -3.46 N | 34.42 -0.46 -0.99 N | 38.24 -0.57 0.00 N | 34.89 -0.50 0.00 N | 36.40 -0.69 0.00 N | | |
| INDECK___YERKES 23781 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 0.00 N | 46.70 -1.05 -14.03 N | 37.71 -0.48 -17.62 N | 37.89 -1.06 -2.36 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N | | |
| INDIAN POINT_GT_1 24139 | 36.31 1.97 0.00 N | 34.64 1.81 0.00 N | 35.28 1.90 0.00 N | 34.49 1.85 0.00 N | 36.18 1.87 0.00 N | 37.92 1.62 0.00 N | 38.40 2.24 0.00 N | 41.46 3.05 0.00 N | 46.01 4.39 0.00 N | 53.15 5.62 -135.37 N | 173.11 4.03 -171.24 N | 194.19 2.38 -23.06 N | 63.83 4.18 -20.22 N | 59.96 4.04 -20.22 N | 91.98 3.79 -54.03 N | 106.91 3.67 -70.71 N | 174.49 3.85 -137.59 N | 180.00 3.16 -149.00 N | 79.97 3.55 -44.36 N | 102.36 3.92 -63.91 N | 55.94 3.79 -18.25 N | 43.23 4.42 0.00 N | 39.14 3.74 0.00 N | 40.22 3.13 0.00 N | | |
| INDIAN POINT_GT_2 23659 | 36.31 1.97 0.00 N | 34.64 1.81 0.00 N | 35.28 1.90 0.00 N | 34.49 1.85 0.00 N | 36.18 1.87 0.00 N | 37.92 1.62 0.00 N | 38.40 2.24 0.00 N | 41.46 3.05 0.00 N | 46.01 4.39 0.00 N | 53.15 5.62 -135.37 N | 173.11 4.03 -171.24 N | 194.19 2.38 -23.06 N | 63.83 4.18 -20.22 N | 59.96 4.04 -20.22 N | 91.98 3.79 -54.03 N | 106.91 3.67 -70.71 N | 174.49 3.85 -137.59 N | 180.00 3.16 -149.00 N | 79.97 3.55 -44.36 N | 102.36 3.92 -63.91 N | 55.94 3.79 -18.25 N | 43.23 4.42 0.00 N | 39.14 3.74 0.00 N | 40.22 3.13 0.00 N | | |
| INDIAN POINT_GT_3 24019 | 36.31 1.97 0.00 N | 34.64 1.81 0.00 N | 35.28 1.90 0.00 N | 34.49 1.85 0.00 N | 36.18 1.87 0.00 N | 37.92 1.62 0.00 N | 38.40 2.24 0.00 N | 41.46 3.05 0.00 N | 46.01 4.39 0.00 N | 53.15 5.62 -135.37 N | 173.11 4.03 -171.24 N | 194.19 2.38 -23.06 N | 63.83 4.18 -20.22 N | 59.96 4.04 -20.22 N | 91.98 3.79 -54.03 N | 106.91 3.67 -70.71 N | 174.49 3.85 -137.59 N | 180.00 3.16 -149.00 N | 79.97 3.55 -44.36 N | 102.36 3.92 -63.91 N | 55.94 3.79 -18.25 N | 43.23 4.42 0.00 N | 39.14 3.74 0.00 N | 40.22 3.13 0.00 N | | |
| INDIAN POINT___2 | 36.26 | 34.60 | 35.22 | 34.44 | 36.12 | 37.85 | 38.33 | 41.38 | 45.92 | 53.05 | 171.73 | 192.50 | 63.51 | 59.68 | 91.38 | 106.17 | 173.10 | 178.52 | 79.49 | 101.68 | 55.69 | 43.14 | 39.07 | 40.15 | | |

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| 23530 | 1.92 0.00 N | 1.76 0.00 N | 1.84 0.00 N | 1.79 0.00 N | 1.81 0.00 N | 1.55 0.00 N | 2.17 0.00 N | 2.97 0.00 N | 4.30 0.00 N | 5.52 0.00 N | 3.95 -134.07 N | 2.33 -169.61 N | 4.08 -22.84 N | 3.95 -20.04 N | 3.71 -53.52 N | 3.59 -70.05 N | 3.76 -136.29 N | 3.10 -147.60 N | 3.48 -43.94 N | 3.84 -63.31 N | 3.72 -18.08 N | 4.33 0.00 N | 3.67 0.00 N | 3.05 0.00 N |
| INDIAN POINT____3 23531 | 36.20 1.86 0.00 N | 34.54 1.70 0.00 N | 35.16 1.78 0.00 N | 34.38 1.73 0.00 N | 36.06 1.75 0.00 N | 37.80 1.50 0.00 N | 38.26 2.11 0.00 N | 41.31 2.89 0.00 N | 45.83 4.21 0.00 N | 52.95 5.41 0.00 N | 172.99 3.87 -135.40 N | 194.15 2.28 -171.29 N | 63.66 4.00 -23.06 N | 59.80 3.87 -20.23 N | 91.83 3.63 -54.04 N | 106.79 3.52 -70.73 N | 174.37 3.69 -137.62 N | 179.91 3.04 -149.05 N | 79.84 3.40 -44.37 N | 102.22 3.76 -63.31 N | 55.79 3.63 -18.26 N | 43.06 4.25 0.00 N | 38.98 3.58 0.00 N | 40.08 2.99 0.00 N |
| IP CORINTH____1 23988 | 33.33 -1.02 0.00 N | 31.77 -1.06 0.00 N | 32.23 -1.15 0.00 N | 31.55 -1.10 0.00 N | 33.27 -1.05 0.00 N | 34.80 -1.50 0.00 N | 35.07 -1.08 0.00 N | 37.79 -0.63 0.00 N | 42.04 0.42 0.00 N | 48.53 0.99 0.00 N | 34.53 0.82 0.00 N | 20.91 0.34 0.00 N | 37.20 0.61 0.00 N | 36.24 0.54 0.00 N | 34.53 0.38 0.00 N | 33.03 0.50 0.00 N | 33.79 0.74 0.00 N | 28.33 0.50 0.00 N | 32.46 0.40 0.00 N | 35.17 0.64 0.00 N | 34.52 0.63 0.00 N | 39.44 0.63 0.00 N | 35.44 0.04 0.00 N | 36.69 -0.41 0.00 N |
| IP____TICONDEROGA 23804 | 35.59 1.25 0.00 N | 33.94 1.11 0.00 N | 34.43 1.04 0.00 N | 33.75 1.10 0.00 N | 35.70 1.38 0.00 N | 37.26 0.96 0.00 N | 37.88 1.73 0.00 N | 40.75 2.34 0.00 N | 45.14 3.52 0.00 N | 51.87 4.33 0.00 N | 49.99 3.16 -13.12 N | 38.94 1.74 -16.63 N | 42.00 3.16 -2.25 N | 40.60 2.93 -1.97 N | 41.98 2.55 -5.28 N | 42.01 2.56 -6.91 N | 49.37 2.86 -13.45 N | 44.69 2.29 -14.57 N | 38.85 2.45 -4.34 N | 43.69 2.92 -6.25 N | 38.58 2.90 -1.78 N | 42.12 3.31 0.00 N | 37.88 2.48 0.00 N | 39.27 2.17 0.00 N |
| JARVIS____ 23743 | 34.41 0.07 0.00 N | 32.93 0.09 0.00 N | 33.48 0.10 0.00 N | 32.72 0.08 0.00 N | 34.44 0.13 0.00 N | 36.37 0.07 0.00 N | 36.25 0.10 0.00 N | 38.61 0.20 0.00 N | 41.93 0.31 0.00 N | 47.92 0.38 0.00 N | 34.02 0.30 0.00 N | 20.76 0.18 0.00 N | 36.91 0.32 0.00 N | 35.99 0.30 0.00 N | 34.46 0.31 0.00 N | 32.83 0.29 0.00 N | 33.38 0.33 0.00 N | 28.08 0.25 0.00 N | 32.30 0.24 0.00 N | 34.80 0.27 0.00 N | 34.13 0.24 0.00 N | 39.09 0.28 0.00 N | 35.61 0.21 0.00 N | 37.20 0.11 0.00 N |
| JENNISON____1 23625 | 35.72 1.38 0.00 N | 34.04 1.21 0.00 N | 34.68 1.30 0.00 N | 33.90 1.25 0.00 N | 35.66 1.35 0.00 N | 37.68 1.38 0.00 N | 38.13 1.98 0.00 N | 40.89 2.48 0.00 N | 44.68 3.06 0.00 N | 51.62 4.08 0.00 N | 71.27 2.95 -34.61 N | 66.21 1.88 -43.76 N | 45.66 3.18 -5.89 N | 43.98 3.12 -13.79 N | 51.03 3.09 -18.05 N | 53.54 2.96 -35.12 N | 71.10 2.93 -38.03 N | 68.32 2.46 -11.32 N | 46.04 2.66 -16.31 N | 53.83 2.99 -4.66 N | 41.41 2.86 0.00 N | 41.95 3.14 0.00 N | 38.02 2.63 0.00 N | 39.06 1.96 0.00 N |
| JENNISON____2 23626 | 35.67 1.33 0.00 N | 33.99 1.16 0.00 N | 34.63 1.24 0.00 N | 33.85 1.21 0.00 N | 35.62 1.30 0.00 N | 37.63 1.33 0.00 N | 38.06 1.91 0.00 N | 40.82 2.41 0.00 N | 44.59 2.97 0.00 N | 51.52 3.98 0.00 N | 71.20 2.87 -34.61 N | 66.16 1.83 -43.76 N | 45.58 3.10 -5.89 N | 43.90 3.04 -13.79 N | 50.96 3.01 -18.05 N | 53.47 2.89 -35.12 N | 71.03 2.86 -38.03 N | 68.26 2.40 -11.32 N | 45.98 2.59 -16.31 N | 53.75 2.91 -4.66 N | 41.34 2.78 0.00 N | 41.87 3.07 0.00 N | 37.95 2.56 0.00 N | 38.99 1.90 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 36.74 2.40 0.00 N | 35.31 2.48 0.00 N | 56.37 3.09 -19.90 N | 35.79 3.14 0.00 N | 37.42 3.10 0.00 N | 38.88 2.58 0.00 N | 39.40 3.30 0.05 N | 43.13 4.15 -0.57 N | 48.74 5.97 -1.15 N | 54.93 7.37 -0.03 N | 175.60 5.25 -136.64 N | 196.20 3.02 -172.60 N | 64.81 4.98 -23.24 N | 61.39 5.09 -20.60 N | 93.59 4.93 -54.51 N | 108.55 4.75 -71.27 N | 176.65 4.93 -138.66 N | 182.09 4.09 -150.17 N | 81.20 4.44 -44.71 N | 103.75 4.81 -64.41 N | 73.42 4.78 -34.75 N | 46.78 5.86 -2.11 N | 41.16 5.00 -0.76 N | 41.50 4.35 -0.06 N |
| KEDC PORT_JEFF_GT3 24211 | 36.74 2.40 0.00 N | 35.31 2.48 0.00 N | 56.37 3.09 -19.90 N | 35.79 3.14 0.00 N | 37.42 3.10 0.00 N | 38.88 2.58 0.00 N | 39.40 3.30 0.05 N | 43.13 4.15 -0.57 N | 48.74 5.97 -1.15 N | 54.93 7.37 -0.03 N | 175.60 5.25 -136.64 N | 196.20 3.02 -172.60 N | 64.81 4.98 -23.24 N | 61.39 5.09 -20.60 N | 93.59 4.93 -54.51 N | 108.55 4.75 -71.27 N | 176.65 4.93 -138.66 N | 182.09 4.09 -150.17 N | 81.20 4.44 -44.71 N | 103.75 4.81 -64.41 N | 73.42 4.78 -34.75 N | 46.78 5.86 -2.11 N | 41.16 5.00 -0.76 N | 41.50 4.35 -0.06 N |
| KEDC_GLWD_GT4 24219 | 36.65 2.31 0.00 N | 35.02 2.19 0.00 N | 55.67 2.39 -19.90 N | 34.93 2.28 0.00 N | 36.60 2.28 0.00 N | 38.34 2.04 0.00 N | 38.97 2.77 -0.06 N | 44.77 3.71 -2.66 N | 52.15 5.20 -5.32 N | 54.21 6.55 -0.12 N | 175.24 4.70 -136.83 N | 195.90 2.72 -172.60 N | 64.67 4.84 -23.24 N | 61.13 4.49 -20.94 N | 93.04 4.19 -54.70 N | 107.82 4.02 -71.27 N | 175.91 4.20 -138.66 N | 181.46 3.46 -150.17 N | 80.64 3.88 -44.71 N | 103.21 4.27 -64.41 N | 73.01 4.37 -34.75 N | 49.85 5.20 -5.84 N | 43.34 4.40 -3.55 N | 41.17 3.77 -0.31 N |
| KEDC_GLWD_GT5 24220 | 36.65 2.31 0.00 N | 35.02 2.19 0.00 N | 55.67 2.39 -19.90 N | 34.93 2.28 0.00 N | 36.60 2.28 0.00 N | 38.34 2.04 0.00 N | 38.97 2.77 -0.06 N | 44.77 3.71 -2.66 N | 52.15 5.20 -5.32 N | 54.21 6.55 -0.12 N | 175.24 4.70 -136.83 N | 195.90 2.72 -172.60 N | 64.67 4.84 -23.24 N | 61.13 4.49 -20.94 N | 93.04 4.19 -54.70 N | 107.82 4.02 -71.27 N | 175.91 4.20 -138.66 N | 181.46 3.46 -150.17 N | 80.64 3.88 -44.71 N | 103.21 4.27 -64.41 N | 73.01 4.37 -34.75 N | 49.85 5.20 -5.84 N | 43.34 4.40 -3.55 N | 41.17 3.77 -0.31 N |
| KENSICO____ 23655 | 36.41 2.08 0.00 N | 34.74 1.91 0.00 N | 35.39 2.00 0.00 N | 34.60 1.95 0.00 N | 36.29 1.98 0.00 N | 38.04 1.74 0.00 N | 38.51 2.36 0.00 N | 41.61 3.20 0.00 N | 46.19 4.57 0.00 N | 53.37 5.84 0.00 N | 174.08 4.18 -136.19 N | 195.31 2.47 -172.27 N | 64.12 4.33 -23.20 N | 60.23 4.20 -20.35 N | 92.44 3.94 -54.35 N | 107.47 3.80 -71.14 N | 175.44 3.98 -138.40 N | 180.99 3.27 -149.89 N | 80.35 3.67 -44.62 N | 102.85 4.03 -64.29 N | 56.16 3.90 -18.36 N | 43.39 4.58 0.00 N | 39.28 3.89 0.00 N | 40.37 3.27 0.00 N |
| KIAC_JFK_GT1 23816 | 36.45 2.11 0.00 N | 34.75 1.91 0.00 N | 35.45 2.07 0.00 N | 34.70 2.05 0.00 N | 36.38 2.07 0.00 N | 38.06 1.76 0.00 N | 38.62 2.47 0.00 N | 41.76 3.35 0.00 N | 46.26 4.64 0.00 N | 53.41 5.88 0.00 N | 174.27 4.14 -136.42 N | 189.92 2.45 -166.90 N | 64.18 4.36 -23.23 N | 60.33 4.25 -20.38 N | 92.52 3.92 -54.44 N | 107.58 3.80 -71.25 N | 175.67 3.98 -138.63 N | 181.24 3.27 -150.14 N | 80.42 3.67 -44.70 N | 103.04 4.11 -64.40 N | 56.23 3.94 -18.39 N | 43.49 4.68 0.00 N | 39.49 4.10 0.00 N | 40.61 3.52 0.00 N |
| KIAC_JFK_GT2 23817 | 36.45 2.11 0.00 N | 34.75 1.91 0.00 N | 35.45 2.07 0.00 N | 34.70 2.05 0.00 N | 36.38 2.07 0.00 N | 38.06 1.76 0.00 N | 38.62 2.47 0.00 N | 41.76 3.35 0.00 N | 46.26 4.64 0.00 N | 53.41 5.88 0.00 N | 174.27 4.14 -136.42 N | 189.92 2.45 -166.90 N | 64.18 4.36 -23.23 N | 60.33 4.25 -20.38 N | 92.52 3.92 -54.44 N | 107.58 3.80 -71.25 N | 175.67 3.98 -138.63 N | 181.24 3.27 -150.14 N | 80.42 3.67 -44.70 N | 103.04 4.11 -64.40 N | 56.23 3.94 -18.39 N | 43.49 4.68 0.00 N | 39.49 4.10 0.00 N | 40.61 3.52 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| KINTIGH____ 23543 | 33.01 -1.34 0.00 N | 31.59 -1.24 0.00 N | 32.10 -1.28 0.00 N | 31.50 -1.15 0.00 N | 33.03 -1.29 0.00 N | 34.79 -1.51 0.00 N | 34.83 -1.32 0.00 N | 37.04 -1.38 0.00 N | 38.97 -2.65 0.00 N | 44.42 -3.12 0.00 N | 43.38 -2.23 -11.90 N | 34.38 -1.20 -15.01 N | 36.31 -2.30 -2.02 N | 35.44 -2.03 -1.77 N | 37.04 -1.84 -4.73 N | 36.77 -1.95 -6.18 N | 42.80 -2.29 -12.03 N | 39.06 -1.80 -13.03 N | 33.96 -1.98 -3.88 N | 37.72 -2.39 -5.59 N | 33.37 -2.12 -1.60 N | 36.30 -2.51 0.00 N | 33.76 -1.64 0.00 N | 34.55 -2.54 0.00 N |
| LEDERLE____ 23769 | 36.74 2.40 0.00 N | 35.05 2.21 0.00 N | 35.69 2.31 0.00 N | 34.87 2.22 0.00 N | 36.57 2.25 0.00 N | 38.34 2.04 0.00 N | 38.84 2.69 0.00 N | 41.86 3.45 0.00 N | 46.51 4.88 0.00 N | 53.79 6.26 0.00 N | 170.19 4.49 -131.98 N | 190.26 4.37 -167.01 N | 63.78 4.68 -22.50 N | 59.93 4.49 -19.74 N | 91.22 4.34 -52.73 N | 105.75 4.20 -69.01 N | 171.71 4.37 -134.28 N | 176.88 3.63 -145.42 N | 79.34 3.98 -43.29 N | 101.31 4.41 -62.38 N | 55.95 4.24 -17.81 N | 43.76 4.95 0.00 N | 39.55 4.15 0.00 N | 40.61 3.52 0.00 N |
| LINDEN COGEN____ 23786 | 36.42 2.09 0.00 N | 34.78 1.95 0.00 N | 35.43 2.05 0.00 N | 34.65 2.00 0.00 N | 36.33 2.01 0.00 N | 38.04 1.74 0.00 N | 38.59 2.44 0.00 N | 41.81 3.39 0.00 N | 46.39 4.77 0.00 N | 53.71 6.17 0.00 N | 174.54 4.40 -136.42 N | 195.69 2.55 -172.57 N | 64.31 4.48 -23.23 N | 60.32 4.25 -20.38 N | 92.60 4.01 -54.44 N | 107.65 3.87 -71.25 N | 175.73 4.04 -138.63 N | 181.25 3.28 -150.14 N | 80.45 3.69 -44.70 N | 102.94 4.01 -64.40 N | 55.51 3.91 -17.70 N | 42.96 4.71 0.56 N | 39.30 4.05 0.15 N | 40.01 3.37 0.46 N |
| LIPA_MISC_IPP 23656 | 36.39 2.05 0.00 N | 35.09 2.25 0.00 N | 56.26 2.97 -19.90 N | 35.76 3.11 0.00 N | 37.33 3.01 0.00 N | 38.65 2.35 0.00 N | 39.15 3.06 0.05 N | 42.77 3.81 -0.55 N | 48.33 5.60 -1.10 N | 54.51 6.95 -0.03 N | 175.29 4.94 -136.64 N | 196.03 2.86 -172.60 N | 64.73 4.90 -23.24 N | 61.30 5.01 -20.60 N | 93.49 4.84 -54.50 N | 108.46 4.66 -71.27 N | 176.57 4.85 -138.66 N | 182.01 4.01 -150.17 N | 81.13 4.36 -44.71 N | 103.66 4.72 -64.41 N | 73.23 4.58 -34.75 N | 46.36 5.48 -2.07 N | 40.74 4.61 -0.73 N | 41.12 3.97 -0.06 N |
| LISF__SOLAR 323691 | 36.40 2.06 0.00 N | 35.11 2.28 0.00 N | 56.30 3.02 -19.90 N | 35.81 3.17 0.00 N | 37.38 3.06 0.00 N | 38.69 2.39 0.00 N | 39.20 3.10 0.05 N | 42.80 3.84 -0.56 N | 48.38 5.65 -1.12 N | 54.56 7.00 -0.03 N | 175.32 4.97 -136.64 N | 196.06 2.88 -172.60 N | 64.80 4.97 -23.24 N | 61.36 5.07 -20.60 N | 93.55 4.89 -54.51 N | 108.52 4.72 -71.27 N | 176.62 4.91 -138.66 N | 182.07 4.06 -150.17 N | 81.17 4.41 -44.71 N | 103.72 4.78 -64.41 N | 73.28 4.63 -34.75 N | 46.41 5.52 -2.09 N | 40.78 4.64 -0.74 N | 41.15 4.00 -0.06 N |
| LITTLE FALLS____HYD 24013 | 35.32 0.97 0.00 N | 33.69 0.86 0.00 N | 34.28 0.89 0.00 N | 33.55 0.90 0.00 N | 35.33 1.02 0.00 N | 37.29 0.99 0.00 N | 37.58 1.43 0.00 N | 40.12 1.71 0.00 N | 43.96 2.34 0.00 N | 50.91 3.37 0.00 N | 36.40 2.69 0.00 N | 21.97 1.40 0.00 N | 38.86 2.27 0.00 N | 37.67 1.97 0.00 N | 36.27 2.12 0.00 N | 34.63 2.10 0.00 N | 35.26 2.20 0.00 N | 29.67 1.84 0.00 N | 33.75 1.69 0.00 N | 36.50 1.97 0.00 N | 35.53 1.63 0.00 N | 40.65 1.84 0.00 N | 36.62 1.22 0.00 N | 37.71 0.62 0.00 N |
| LI_NEWBRIDGE____DRP 323616 | 36.58 2.24 0.00 N | 35.00 2.17 0.00 N | 55.85 2.57 -19.90 N | 35.13 2.48 0.00 N | 36.78 2.46 0.00 N | 38.43 2.13 0.00 N | 38.91 2.84 0.07 N | 42.29 3.75 -0.13 N | 47.25 5.37 -0.26 N | 54.12 6.58 0.00 N | 174.98 4.67 -136.60 N | 195.84 2.66 -172.60 N | 64.50 4.67 -23.24 N | 60.90 4.67 -20.53 N | 93.06 4.44 -54.46 N | 108.05 4.26 -71.27 N | 176.14 4.43 -138.66 N | 181.68 3.67 -150.17 N | 80.83 4.06 -44.71 N | 103.37 4.43 -64.41 N | 72.94 4.30 -34.75 N | 45.33 5.20 -1.33 N | 40.04 4.47 -0.17 N | 41.04 3.94 -0.01 N |
| LONG LAKE_PHOENIX 24014 | 33.88 -0.46 0.00 N | 32.36 -0.47 0.00 N | 32.87 -0.51 0.00 N | 32.18 -0.47 0.00 N | 33.83 -0.49 0.00 N | 35.71 -0.59 0.00 N | 35.70 -0.45 0.00 N | 37.93 -0.48 0.00 N | 41.12 -0.50 0.00 N | 47.21 -0.32 0.00 N | 41.08 -0.20 -7.57 N | 30.05 -0.09 -9.58 N | 37.66 -0.21 -1.29 N | 36.58 -0.24 -1.13 N | 37.07 -0.10 -3.02 N | 36.39 -0.09 -3.95 N | 40.61 -0.14 -7.69 N | 36.05 -0.10 -8.32 N | 34.24 -0.29 -2.48 N | 37.81 -0.28 -3.57 N | 34.64 -0.27 -1.02 N | 38.48 -0.33 0.00 N | 35.07 -0.33 0.00 N | 36.54 -0.56 0.00 N |
| LOVETT____3 23632 | 36.20 1.86 0.00 N | 34.53 1.70 0.00 N | 35.16 1.78 0.00 N | 34.37 1.72 0.00 N | 36.04 1.72 0.00 N | 37.76 1.46 0.00 N | 38.24 2.09 0.00 N | 41.32 2.91 0.00 N | 45.83 4.21 0.00 N | 52.91 5.37 -132.44 N | 170.00 3.85 -167.57 N | 190.41 2.26 -22.58 N | 63.14 3.97 -19.80 N | 59.36 3.86 -19.80 N | 90.65 3.60 -52.90 N | 105.26 3.49 -69.24 N | 171.42 3.66 -134.71 N | 176.74 3.02 -145.89 N | 78.92 3.43 -43.43 N | 100.90 3.79 -62.57 N | 55.43 3.67 -17.87 N | 43.05 4.24 0.00 N | 38.99 3.60 0.00 N | 40.09 2.99 0.00 N |
| LOVETT____4 23642 | 36.45 2.11 0.00 N | 34.77 1.94 0.00 N | 35.40 2.02 0.00 N | 34.61 1.96 0.00 N | 36.29 1.98 0.00 N | 38.04 1.74 0.00 N | 38.52 2.37 0.00 N | 41.62 3.21 0.00 N | 46.17 4.55 0.00 N | 53.33 5.79 -132.50 N | 170.36 4.14 -167.65 N | 190.68 2.46 -22.59 N | 63.49 4.31 -19.81 N | 59.70 4.20 -52.92 N | 91.01 3.94 -69.27 N | 105.61 3.81 -134.77 N | 171.81 3.99 -145.95 N | 177.08 3.30 -43.45 N | 79.25 3.74 -62.60 N | 101.25 4.12 -17.88 N | 55.75 3.98 -17.88 N | 43.41 4.59 0.00 N | 39.31 3.91 0.00 N | 40.38 3.29 0.00 N |
| LOVETT____5 23593 | 36.45 2.11 0.00 N | 34.77 1.94 0.00 N | 35.40 2.02 0.00 N | 34.61 1.96 0.00 N | 36.29 1.98 0.00 N | 38.04 1.74 0.00 N | 38.52 2.37 0.00 N | 41.62 3.21 0.00 N | 46.17 4.55 0.00 N | 53.33 5.79 -132.50 N | 170.36 4.14 -167.65 N | 190.68 2.46 -22.59 N | 63.49 4.31 -19.81 N | 59.70 4.20 -52.92 N | 91.01 3.94 -69.27 N | 105.61 3.81 -134.77 N | 171.81 3.99 -145.95 N | 177.08 3.30 -43.45 N | 79.25 3.74 -62.60 N | 101.25 4.12 -17.88 N | 55.75 3.98 -17.88 N | 43.41 4.59 0.00 N | 39.31 3.91 0.00 N | 40.38 3.29 0.00 N |
| LOWER RAQUET____HYD 24057 | 32.97 -1.38 0.00 N | 31.72 -1.12 0.00 N | 31.98 -1.41 0.00 N | 31.33 -1.32 0.00 N | 32.88 -1.44 0.00 N | 35.18 -1.12 0.00 N | 34.96 -1.19 0.00 N | 36.72 -1.70 0.00 N | 39.85 -1.77 0.00 N | 44.70 -2.83 0.00 N | 32.07 -1.64 0.00 N | 19.51 -1.06 0.00 N | 34.71 -1.87 0.00 N | 33.53 -2.17 0.00 N | 31.95 -2.20 0.00 N | 30.37 -2.16 0.00 N | 30.85 -2.20 0.00 N | 26.09 -1.74 0.00 N | 30.23 -1.83 0.00 N | 32.43 -2.09 0.00 N | 31.92 -1.97 0.00 N | 36.98 -1.83 0.00 N | 33.20 -2.20 0.00 N | 35.79 -1.31 0.00 N |
| LOWER____HUDSON 24059 | 35.47 1.13 0.00 N | 33.88 1.04 0.00 N | 34.52 1.14 0.00 N | 33.80 1.15 0.00 N | 35.60 1.29 0.00 N | 37.17 0.88 0.00 N | 37.11 0.96 0.00 N | 39.87 1.46 0.00 N | 43.87 2.25 0.00 N | 50.33 2.80 0.00 N | 35.79 2.08 0.00 N | 21.84 1.27 0.00 N | 38.76 2.18 0.00 N | 37.81 2.12 0.00 N | 36.10 1.94 0.00 N | 34.51 1.97 0.00 N | 35.29 2.24 0.00 N | 29.59 1.76 0.00 N | 33.93 1.87 0.00 N | 36.70 2.18 0.00 N | 35.93 2.03 0.00 N | 41.10 2.29 0.00 N | 37.19 1.79 0.00 N | 38.61 1.52 0.00 N |
| LWR____OSWEGATCHIE_HYD 23850 | 33.31 -1.03 0.00 N | 31.93 -0.91 0.00 N | 32.29 -1.09 0.00 N | 31.61 -1.04 0.00 N | 33.22 -1.10 0.00 N | 35.44 -0.86 0.00 N | 35.41 -0.74 0.00 N | 37.41 -1.00 0.00 N | 40.67 -0.95 0.00 N | 46.12 -1.42 0.00 N | 33.00 -0.71 0.00 N | 20.12 -0.45 0.00 N | 35.73 -0.85 0.00 N | 34.62 -1.07 0.00 N | 33.12 -1.04 0.00 N | 31.51 -1.02 0.00 N | 31.98 -1.07 0.00 N | 27.00 -0.83 0.00 N | 31.11 -0.95 0.00 N | 33.53 -1.00 0.00 N | 32.95 -0.94 0.00 N | 37.89 -0.92 0.00 N | 34.19 -1.21 0.00 N | 36.23 -0.86 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---|---|
| LYONS_FALL_HYD 23570 | 34.36 0.02 0.00 N | 32.84 0.00 0.00 N | 33.37 -0.01 0.00 N | 32.62 -0.03 0.00 N | 34.33 0.01 0.00 N | 36.45 0.15 0.00 N | 36.53 0.38 0.00 N | 38.97 0.56 0.00 N | 42.52 0.90 0.00 N | 48.76 1.22 0.00 N | 38.79 1.06 -4.02 N | 26.35 0.70 -5.09 N | 38.34 1.07 -0.68 N | 37.23 0.93 -0.60 N | 36.80 1.05 -1.60 N | 35.61 0.98 -2.10 N | 38.09 0.95 -4.09 N | 33.10 0.84 -4.43 N | 34.14 0.76 -1.32 N | 37.36 0.94 -1.90 N | 35.32 0.88 -0.54 N | 39.76 0.95 0.00 N | 35.91 0.52 0.00 N | 37.40 0.31 0.00 N | | |
| MADISON___COUNTY_LFGE 323628 | 34.75 0.41 0.00 N | 33.19 0.36 0.00 N | 33.75 0.37 0.00 N | 33.01 0.36 0.00 N | 34.73 0.41 0.00 N | 36.76 0.46 0.00 N | 36.87 0.72 0.00 N | 39.50 1.09 0.00 N | 43.16 1.54 0.00 N | 49.69 2.15 0.00 N | 41.37 1.64 -6.02 N | 29.23 1.04 -7.62 N | 39.28 1.67 -1.03 N | 38.19 1.59 -0.90 N | 38.25 1.69 -2.40 N | 37.31 1.64 -3.15 N | 40.77 1.60 -6.12 N | 35.83 1.37 -6.63 N | 35.38 1.35 -1.97 N | 38.89 1.52 -2.84 N | 36.17 1.47 -0.81 N | 40.35 1.54 0.00 N | 36.55 1.16 0.00 N | 37.85 0.76 0.00 N | | |
| MAPLE_RIDGE_WT_1 323574 | 33.70 -0.64 0.00 N | 32.28 -0.55 0.00 N | 32.90 -0.48 0.00 N | 32.23 -0.42 0.00 N | 33.92 -0.40 0.00 N | 35.92 -0.38 0.00 N | 35.80 -0.35 0.00 N | 38.08 -0.34 0.00 N | 41.37 -0.25 0.00 N | 47.19 -0.35 0.00 N | 33.51 -0.21 0.00 N | 20.45 -0.12 0.00 N | 36.36 -0.23 0.00 N | 35.42 -0.27 0.00 N | 33.91 -0.24 0.00 N | 32.28 -0.25 0.00 N | 32.77 -0.28 0.00 N | 27.59 -0.24 0.00 N | 31.85 -0.21 0.00 N | 34.15 -0.38 0.00 N | 33.40 -0.50 0.00 N | 38.26 -0.55 0.00 N | 34.72 -0.68 0.00 N | 36.40 -0.69 0.00 N | | |
| MAPLE_RIDGE_WT_2 323611 | 33.70 -0.64 0.00 N | 32.28 -0.55 0.00 N | 32.90 -0.48 0.00 N | 32.23 -0.42 0.00 N | 33.92 -0.40 0.00 N | 35.92 -0.38 0.00 N | 35.80 -0.35 0.00 N | 38.08 -0.34 0.00 N | 41.37 -0.25 0.00 N | 47.19 -0.35 0.00 N | 33.51 -0.21 0.00 N | 20.45 -0.12 0.00 N | 36.36 -0.23 0.00 N | 35.42 -0.27 0.00 N | 33.91 -0.24 0.00 N | 32.28 -0.25 0.00 N | 32.77 -0.28 0.00 N | 27.59 -0.24 0.00 N | 31.85 -0.21 0.00 N | 34.15 -0.38 0.00 N | 33.40 -0.50 0.00 N | 38.26 -0.55 0.00 N | 34.72 -0.68 0.00 N | 36.40 -0.69 0.00 N | | |
| MG INDUSTRY___DRP 24185 | 35.25 0.91 0.00 N | 33.72 0.88 0.00 N | 34.34 0.96 0.00 N | 33.61 0.97 0.00 N | 35.34 1.02 0.00 N | 36.99 0.69 0.00 N | 36.76 0.61 0.00 N | 39.33 0.92 0.00 N | 43.23 1.61 0.00 N | 49.65 2.11 8.78 N | 26.50 1.57 11.02 N | 10.50 0.95 1.45 N | 36.74 1.61 1.27 N | 35.95 1.53 3.40 N | 32.19 1.43 4.44 N | 29.53 1.43 8.64 N | 26.02 1.60 9.36 N | 19.75 1.28 2.78 N | 30.61 1.33 4.01 N | 32.04 1.52 4.01 N | 34.16 1.41 1.15 N | 40.49 1.69 0.00 N | 36.75 1.35 0.00 N | 38.20 1.11 0.00 N | | |
| MID___OSWEGATCHIE_HYD 23849 | 33.31 -1.03 0.00 N | 31.93 -0.91 0.00 N | 32.29 -1.09 0.00 N | 31.61 -1.04 0.00 N | 33.22 -1.10 0.00 N | 35.44 -0.86 0.00 N | 35.41 -0.74 0.00 N | 37.41 -1.00 0.00 N | 40.67 -0.95 0.00 N | 46.12 -1.42 0.00 N | 33.00 -0.71 0.00 N | 20.12 -0.45 0.00 N | 35.73 -0.85 0.00 N | 34.62 -1.07 0.00 N | 33.12 -1.04 0.00 N | 31.51 -1.02 0.00 N | 31.98 -1.07 0.00 N | 27.00 -0.83 0.00 N | 31.11 -0.95 0.00 N | 33.53 -1.00 0.00 N | 32.95 -0.94 0.00 N | 37.89 -0.92 0.00 N | 34.19 -1.21 0.00 N | 36.23 -0.86 0.00 N | | |
| MID___RAQUETTE_HYD 23851 | 32.97 -1.38 0.00 N | 31.72 -1.12 0.00 N | 31.98 -1.41 0.00 N | 31.33 -1.32 0.00 N | 32.88 -1.44 0.00 N | 35.18 -1.12 0.00 N | 34.96 -1.19 0.00 N | 36.72 -1.70 0.00 N | 39.85 -1.77 0.00 N | 44.70 -2.83 0.00 N | 32.07 -1.64 0.00 N | 19.51 -1.06 0.00 N | 34.71 -1.87 0.00 N | 33.53 -2.17 0.00 N | 31.95 -2.20 0.00 N | 30.37 -2.16 0.00 N | 30.85 -2.20 0.00 N | 26.09 -1.74 0.00 N | 30.23 -1.83 0.00 N | 32.43 -2.09 0.00 N | 31.92 -1.97 0.00 N | 36.98 -1.83 0.00 N | 33.20 -2.20 0.00 N | 35.79 -1.31 0.00 N | | |
| MILLIKEN___1 23584 | 33.94 -0.40 0.00 N | 32.50 -0.33 0.00 N | 33.07 -0.31 0.00 N | 32.34 -0.31 0.00 N | 33.89 -0.42 0.00 N | 35.61 -0.69 0.00 N | 35.73 -0.42 0.00 N | 37.94 -0.47 0.00 N | 40.54 -1.08 0.00 N | 46.26 -1.28 0.00 N | 49.81 -0.77 -16.87 N | 41.58 -0.33 -21.33 N | 39.02 -0.44 -2.87 N | 37.91 -0.30 -2.52 N | 40.44 -0.45 -6.72 N | 40.96 -0.38 -8.80 N | 49.63 -0.54 -17.12 N | 46.00 -0.37 -18.54 N | 37.33 -0.26 -5.52 N | 42.10 -0.38 -7.95 N | 35.91 -0.26 -2.27 N | 38.32 -0.49 0.00 N | 35.00 -0.40 0.00 N | 36.36 -0.73 0.00 N | | |
| MILLIKEN___2 23585 | 33.94 -0.40 0.00 N | 32.50 -0.33 0.00 N | 33.07 -0.31 0.00 N | 32.34 -0.31 0.00 N | 33.89 -0.42 0.00 N | 35.61 -0.69 0.00 N | 35.73 -0.42 0.00 N | 37.94 -0.47 0.00 N | 40.54 -1.08 0.00 N | 46.26 -1.28 0.00 N | 49.81 -0.77 -16.87 N | 41.58 -0.33 -21.33 N | 39.02 -0.44 -2.87 N | 37.91 -0.30 -2.52 N | 40.44 -0.45 -6.72 N | 40.96 -0.38 -8.80 N | 49.63 -0.54 -17.12 N | 46.00 -0.37 -18.54 N | 37.33 -0.26 -5.52 N | 42.10 -0.38 -7.95 N | 35.91 -0.26 -2.27 N | 38.32 -0.49 0.00 N | 35.00 -0.40 0.00 N | 36.36 -0.73 0.00 N | | |
| MILLIKEN___DIESEL 23629 | 33.94 -0.40 0.00 N | 32.50 -0.33 0.00 N | 33.07 -0.31 0.00 N | 32.34 -0.31 0.00 N | 33.89 -0.42 0.00 N | 35.61 -0.69 0.00 N | 35.73 -0.42 0.00 N | 37.94 -0.47 0.00 N | 40.54 -1.08 0.00 N | 46.26 -1.28 0.00 N | 49.81 -0.77 -16.87 N | 41.58 -0.33 -21.33 N | 39.02 -0.44 -2.87 N | 37.91 -0.30 -2.52 N | 40.44 -0.45 -6.72 N | 40.96 -0.38 -8.80 N | 49.63 -0.54 -17.12 N | 46.00 -0.37 -18.54 N | 37.33 -0.26 -5.52 N | 42.10 -0.38 -7.95 N | 35.91 -0.26 -2.27 N | 38.32 -0.49 0.00 N | 35.00 -0.40 0.00 N | 36.36 -0.73 0.00 N | | |
| MILLSEAT___LFGE 323607 | 34.05 -0.29 0.00 N | 32.40 -0.43 0.00 N | 32.94 -0.44 0.00 N | 32.21 -0.44 0.00 N | 33.94 -0.38 0.00 N | 35.86 -0.43 0.00 N | 36.05 -0.10 0.00 N | 38.63 0.22 0.00 N | 40.55 -1.07 0.00 N | 46.37 -1.17 0.00 N | 46.42 -0.82 -13.52 N | 36.90 -0.27 -16.60 N | 38.15 -0.64 -2.20 N | 37.21 -0.41 -1.93 N | 39.09 -0.22 -5.16 N | 38.86 -0.42 -6.75 N | 45.39 -0.79 -13.13 N | 41.50 -0.55 -14.22 N | 35.64 -0.65 -4.23 N | 39.72 -0.91 -6.10 N | 34.94 -0.70 -1.74 N | 37.90 -0.91 0.00 N | 35.23 -0.17 0.00 N | 35.77 -1.32 0.00 N | | |
| MODEL_CITY_ENERGY 24167 | 33.61 -0.73 0.00 N | 32.02 -0.81 0.00 N | 32.57 -0.82 0.00 N | 31.86 -0.79 0.00 N | 33.55 -0.76 0.00 N | 35.39 -0.91 0.00 N | 35.52 -0.63 0.00 N | 37.94 -0.47 0.00 N | 39.70 -1.92 0.00 N | 45.27 -2.27 0.00 N | 45.81 -1.64 -13.73 N | 36.94 -0.84 -17.22 N | 37.20 -1.70 -2.31 N | 36.31 -1.41 -2.02 N | 38.35 -1.21 -5.40 N | 38.22 -1.39 -7.08 N | 45.02 -1.80 -13.76 N | 41.36 -1.37 -14.91 N | 34.97 -1.53 -4.44 N | 39.04 -1.88 -6.39 N | 34.07 -1.65 -1.83 N | 36.87 -1.93 0.00 N | 34.45 -0.95 0.00 N | 35.00 -2.09 0.00 N | | |
| MODERN_LFGE___ 323580 | 33.61 -0.73 0.00 N | 32.02 -0.81 0.00 N | 32.57 -0.82 0.00 N | 31.86 -0.79 0.00 N | 33.55 -0.76 0.00 N | 35.39 -0.91 0.00 N | 35.52 -0.63 0.00 N | 37.94 -0.47 0.00 N | 39.70 -1.92 0.00 N | 45.27 -2.27 0.00 N | 45.81 -1.64 -13.73 N | 36.94 -0.84 -17.22 N | 37.20 -1.70 -2.31 N | 36.31 -1.41 -2.02 N | 38.35 -1.21 -5.40 N | 38.22 -1.39 -7.08 N | 45.02 -1.80 -13.76 N | 41.36 -1.37 -14.91 N | 34.97 -1.53 -4.44 N | 39.04 -1.88 -6.39 N | 34.07 -1.65 -1.83 N | 36.87 -1.93 0.00 N | 34.45 -0.95 0.00 N | 35.00 -2.09 0.00 N | | |
| MOHAWK_PAPER___DRP | 35.52 | 33.97 | 34.63 | 33.89 | 35.67 | 37.24 | 36.98 | 39.59 | 43.55 | 50.04 | 29.53 | 14.13 | 37.58 | 36.73 | 33.65 | 31.34 | 29.20 | 23.01 | 31.83 | 33.68 | 34.86 | 40.84 | 36.97 | 38.42 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 24187 | 1.18 0.00 N | 1.14 0.00 N | 1.25 0.00 N | 1.25 0.00 N | 1.35 0.00 N | 0.94 0.00 N | 0.83 0.00 N | 1.17 0.00 N | 1.93 0.00 N | 2.50 0.00 N | 1.92 6.10 N | 1.20 7.64 N | 2.00 1.01 N | 1.92 0.88 N | 1.85 2.35 N | 1.89 3.08 N | 2.13 5.98 N | 1.66 6.48 N | 1.69 1.93 N | 1.93 2.78 N | 1.76 0.79 N | 2.03 0.00 N | 1.58 0.00 N | 1.33 0.00 N |
| MONGAUP___HYD 23641 | 35.95 1.61 0.00 N | 34.33 1.49 0.00 N | 34.94 1.56 0.00 N | 34.17 1.52 0.00 N | 35.88 1.56 0.00 N | 37.73 1.43 0.00 N | 38.20 2.05 0.00 N | 40.81 2.40 0.00 N | 45.58 3.96 0.00 N | 52.75 5.22 0.00 N | 162.98 3.75 -125.52 N | 181.77 2.26 -158.95 N | 61.93 3.88 -21.45 N | 58.14 3.63 -18.82 N | 88.16 3.71 -50.29 N | 102.00 3.63 -65.84 N | 164.92 3.77 -128.10 N | 169.66 3.10 -138.73 N | 76.51 3.15 -41.30 N | 97.59 3.55 -59.50 N | 54.26 3.37 -16.99 N | 42.84 4.02 0.00 N | 38.60 3.20 0.00 N | 39.63 2.53 0.00 N |
| MONTAUK___DIESEL 23721 | 38.31 3.97 0.00 N | 36.83 3.99 0.00 N | 58.06 4.77 -19.90 N | 37.56 4.91 0.00 N | 39.28 4.96 0.00 N | 40.81 4.51 0.00 N | 41.59 5.50 0.05 N | 45.52 6.55 -0.55 N | 51.52 8.79 -1.11 N | 58.60 11.03 -0.03 N | 178.47 8.12 -136.64 N | 198.13 4.95 -172.60 N | 68.56 8.73 -23.24 N | 65.17 8.87 -20.60 N | 97.34 8.68 -54.51 N | 112.13 8.33 -71.27 N | 180.28 8.56 -138.66 N | 185.06 7.06 -150.17 N | 84.39 7.62 -44.71 N | 107.13 8.19 -64.41 N | 76.45 7.80 -34.75 N | 49.74 8.85 -2.08 N | 43.28 7.15 -0.74 N | 43.31 6.16 -0.06 N |
| MUNSVILLE_WIND_PWR 323609 | 36.04 1.70 0.00 N | 34.30 1.47 0.00 N | 34.96 1.58 0.00 N | 34.24 1.59 0.00 N | 35.99 1.68 0.00 N | 38.09 1.79 0.00 N | 38.79 2.64 0.00 N | 41.51 3.10 0.00 N | 45.20 3.58 0.00 N | 52.32 4.78 0.00 N | 66.73 3.46 -29.56 N | 60.15 2.21 -37.37 N | 45.42 3.81 -5.03 N | 43.81 3.71 -4.41 N | 49.58 3.64 -11.78 N | 51.45 3.50 -15.41 N | 66.55 3.50 -29.99 N | 63.31 3.01 -32.48 N | 45.01 3.28 -9.67 N | 52.14 3.68 -13.93 N | 41.42 3.54 -3.98 N | 42.50 3.69 0.00 N | 38.35 2.95 0.00 N | 39.33 2.24 0.00 N |
| N SALMON___HYD 24042 | 33.72 -0.62 0.00 N | 32.36 -0.48 0.00 N | 32.70 -0.69 0.00 N | 31.98 -0.66 0.00 N | 33.58 -0.74 0.00 N | 35.82 -0.48 0.00 N | 35.64 -0.50 0.00 N | 37.68 -0.73 0.00 N | 41.10 -0.52 0.00 N | 46.51 -1.03 0.00 N | 33.11 -0.61 0.00 N | 20.11 -0.46 0.00 N | 35.83 -0.75 0.00 N | 34.75 -0.94 0.00 N | 33.26 -0.89 0.00 N | 31.61 -0.92 0.00 N | 32.13 -0.92 0.00 N | 27.19 -0.64 0.00 N | 31.38 -0.67 0.00 N | 33.77 -0.76 0.00 N | 33.21 -0.68 0.00 N | 38.12 -0.69 0.00 N | 34.50 -0.90 0.00 N | 36.78 -0.31 0.00 N |
| N.E_GEN_SANDY PD 24062 | 35.63 1.29 0.00 N | 34.01 1.18 0.00 N | 34.62 1.24 0.00 N | 33.90 1.25 0.00 N | 35.68 1.36 0.00 N | 37.28 0.98 0.00 N | 37.48 1.33 0.00 N | 40.29 1.88 0.00 N | 44.17 3.01 -0.89 N | 51.14 3.60 0.00 N | 79.56 2.59 -43.26 N | 76.82 1.52 -54.73 N | 46.67 2.70 -7.37 N | 44.75 2.59 -6.47 N | 53.78 2.34 -17.28 N | 57.48 2.33 -22.62 N | 79.61 2.55 -44.01 N | 77.53 2.04 -47.66 N | 48.49 2.24 -14.19 N | 57.51 2.54 -20.44 N | 42.17 2.43 -5.84 N | 41.66 2.85 0.00 N | 37.73 2.33 0.00 N | 39.09 2.00 0.00 N |
| NARROWS_GT1_1 24228 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_2 24229 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_3 24230 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_4 24231 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_5 24232 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_6 24233 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_7 24234 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT1_8 24235 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |

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|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| NARROWS_GT2_1 24236 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_2 24237 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_3 24238 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_4 24239 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_5 24240 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_6 24241 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_7 24242 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NARROWS_GT2_8 24243 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |
| NEG CAPITAL___MECHNVIL 23645 | 35.64 1.30 0.00 N | 33.99 1.16 0.00 N | 34.62 1.23 0.00 N | 33.89 1.24 0.00 N | 35.71 1.40 0.00 N | 37.33 1.04 0.00 N | 37.40 1.25 0.00 N | 40.39 1.97 0.00 N | 44.38 2.76 0.00 N | 50.86 3.33 0.00 N | 36.20 2.49 0.00 N | 22.10 1.53 0.00 N | 39.27 2.68 0.00 N | 38.39 2.69 0.00 N | 36.56 2.41 0.00 N | 34.97 2.44 0.00 N | 35.76 2.71 0.00 N | 29.99 2.15 0.00 N | 34.49 2.43 0.00 N | 37.33 2.80 0.00 N | 36.55 2.66 0.00 N | 41.67 2.86 0.00 N | 37.67 2.27 0.00 N | 39.04 1.95 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 33.26 -1.08 0.00 N | 31.75 -1.08 0.00 N | 32.27 -1.12 0.00 N | 31.58 -1.07 0.00 N | 33.19 -1.12 0.00 N | 35.09 -1.22 0.00 N | 35.20 -0.95 0.00 N | 37.54 -0.87 0.00 N | 40.15 -1.47 0.00 N | 45.94 -1.60 0.00 N | 43.27 -1.09 -10.65 N | 33.51 -0.56 -13.50 N | 37.35 -1.06 -1.82 N | 36.42 -0.87 -1.59 N | 37.66 -0.75 -4.26 N | 37.30 -0.81 -5.57 N | 42.89 -1.00 -10.84 N | 38.79 -0.79 -11.74 N | 34.64 -0.92 -3.50 N | 38.44 -1.12 -5.04 N | 34.36 -0.97 -1.44 N | 37.55 -1.26 0.00 N | 34.49 -0.91 0.00 N | 35.50 -1.59 0.00 N |
| NEG CENTRAL___DRP 24199 | 34.17 -0.17 0.00 N | 32.62 -0.21 0.00 N | 33.21 -0.17 0.00 N | 32.46 -0.18 0.00 N | 34.15 -0.16 0.00 N | 36.09 -0.22 0.00 N | 36.27 0.12 0.00 N | 38.76 0.34 0.00 N | 41.88 0.26 0.00 N | 48.21 0.67 0.00 N | 46.00 0.51 -11.77 N | 35.85 0.39 -14.90 N | 39.13 0.53 -2.00 N | 38.02 0.57 -1.76 N | 39.58 0.73 -4.70 N | 39.36 0.68 -6.15 N | 45.55 0.54 -11.96 N | 41.25 0.47 -12.95 N | 36.29 0.37 -3.86 N | 40.47 0.39 -5.55 N | 35.87 0.38 -1.59 N | 39.23 0.42 0.00 N | 35.76 0.37 0.00 N | 36.81 -0.29 0.00 N |
| NEG CENTRAL___INDECK 23768 | 34.63 0.29 0.00 N | 32.98 0.15 0.00 N | 33.56 0.18 0.00 N | 32.79 0.15 0.00 N | 34.55 0.24 0.00 N | 36.60 0.30 0.00 N | 37.06 0.91 0.00 N | 39.70 1.29 0.00 N | 42.67 1.05 0.00 N | 48.94 1.41 -15.53 N | 50.17 0.93 -19.64 N | 40.52 0.31 -2.64 N | 39.62 0.39 -2.32 N | 38.63 0.62 -2.32 N | 41.02 0.67 -6.19 N | 41.18 0.54 -8.10 N | 48.71 -0.10 -15.77 N | 44.81 -0.09 -17.07 N | 37.44 0.29 -5.08 N | 42.00 0.15 -7.32 N | 36.38 0.39 -2.09 N | 39.82 1.01 0.00 N | 36.50 1.10 0.00 N | 37.02 -0.07 0.00 N |
| NEG CENTRAL___SENECA 23627 | 34.31 -0.03 0.00 N | 32.72 -0.11 0.00 N | 33.33 -0.06 0.00 N | 32.58 -0.07 0.00 N | 34.28 -0.04 0.00 N | 36.22 -0.08 0.00 N | 36.51 0.36 0.00 N | 39.12 0.70 0.00 N | 42.26 0.64 0.00 N | 48.74 1.20 -13.00 N | 47.60 0.88 -16.45 N | 37.62 0.60 -2.21 N | 39.66 0.86 -1.94 N | 38.55 0.91 -5.19 N | 40.44 1.10 -6.79 N | 40.33 1.01 -13.21 N | 47.09 0.83 -14.30 N | 42.85 0.72 -4.26 N | 36.95 0.63 -6.14 N | 41.32 0.66 -1.75 N | 36.29 0.64 0.00 N | 39.54 0.73 0.00 N | 36.07 0.67 0.00 N | 36.94 -0.15 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 34.75 0.41 0.00 N | 33.22 0.39 0.00 N | 33.80 0.42 0.00 N | 33.06 0.42 0.00 N | 34.76 0.45 0.00 N | 36.73 0.43 0.00 N | 36.94 0.79 0.00 N | 39.31 0.89 0.00 N | 42.36 0.74 0.00 N | 48.69 1.16 -11.81 N | 46.43 0.91 -14.94 N | 36.19 0.68 -2.01 N | 39.75 1.15 -1.76 N | 38.60 1.14 -4.71 N | 40.10 1.23 -6.17 N | 39.89 1.20 -11.99 N | 46.10 1.05 -12.99 N | 41.74 0.92 -3.87 N | 36.85 0.92 -5.57 N | 41.06 0.96 -1.59 N | 36.45 0.97 0.00 N | 39.81 1.00 0.00 N | 36.16 0.76 0.00 N | 37.24 0.14 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NEG MILLWOOD___DRP 24198 | 36.64 2.30 0.00 N | 34.93 2.10 0.00 N | 35.56 2.17 0.00 N | 34.76 2.11 0.00 N | 36.48 2.16 0.00 N | 38.25 1.95 0.00 N | 38.77 2.62 0.00 N | 41.87 3.46 0.00 N | 46.48 4.86 0.00 N | 53.73 6.20 -126.08 N | 164.20 4.41 -159.90 N | 183.09 2.62 -21.67 N | 62.85 4.60 -19.01 N | 59.10 4.40 -50.79 N | 89.08 4.14 -66.49 N | 103.03 4.00 -129.37 N | 166.61 4.18 -140.11 N | 171.38 3.44 -41.71 N | 77.64 3.87 -60.10 N | 98.90 4.27 -17.16 N | 55.20 4.14 0.00 N | 43.66 4.85 0.00 N | 39.50 4.10 0.00 N | 40.60 3.51 0.00 N | |
| NEG NORTH_FLCN_SEA 23793 | 34.10 -0.24 0.00 N | 32.74 -0.09 0.00 N | 33.14 -0.24 0.00 N | 32.43 -0.21 0.00 N | 34.04 -0.28 0.00 N | 36.09 -0.21 0.00 N | 35.84 -0.31 0.00 N | 37.94 -0.47 0.00 N | 41.51 -0.11 0.00 N | 47.37 -0.17 0.00 N | 33.63 -0.08 0.00 N | 20.47 -0.10 0.00 N | 36.53 -0.05 0.00 N | 35.49 -0.20 0.00 N | 33.81 -0.34 0.00 N | 32.30 -0.23 0.00 N | 32.98 -0.07 0.00 N | 27.89 0.06 0.00 N | 32.22 0.16 0.00 N | 34.78 0.25 0.00 N | 34.02 0.13 0.00 N | 38.82 0.01 0.00 N | 35.01 -0.39 0.00 N | 37.20 0.10 0.00 N | |
| NEG NORTH_KES_CHATEGAY 23792 | 33.68 -0.66 0.00 N | 32.30 -0.53 0.00 N | 32.68 -0.70 0.00 N | 31.97 -0.68 0.00 N | 33.58 -0.73 0.00 N | 35.77 -0.52 0.00 N | 35.50 -0.65 0.00 N | 37.45 -0.96 0.00 N | 40.77 -0.85 0.00 N | 46.23 -1.31 0.00 N | 32.75 -0.96 0.00 N | 19.90 -0.67 0.00 N | 35.48 -1.11 0.00 N | 34.46 -1.23 0.00 N | 32.98 -1.17 0.00 N | 31.38 -1.16 0.00 N | 31.92 -1.13 0.00 N | 27.00 -0.83 0.00 N | 31.19 -0.87 0.00 N | 33.58 -0.95 0.00 N | 32.99 -0.91 0.00 N | 37.80 -1.01 0.00 N | 34.36 -1.04 0.00 N | 36.63 -0.47 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 34.08 -0.26 0.00 N | 32.72 -0.12 0.00 N | 33.15 -0.23 0.00 N | 32.43 -0.22 0.00 N | 34.01 -0.30 0.00 N | 36.10 -0.20 0.00 N | 35.88 -0.27 0.00 N | 37.96 -0.45 0.00 N | 41.48 -0.14 0.00 N | 47.31 -0.23 0.00 N | 33.68 -0.03 0.00 N | 20.49 -0.08 0.00 N | 36.52 -0.07 0.00 N | 35.47 -0.23 0.00 N | 33.86 -0.29 0.00 N | 32.30 -0.24 0.00 N | 32.94 -0.12 0.00 N | 27.88 0.05 0.00 N | 32.22 0.16 0.00 N | 34.75 0.23 0.00 N | 34.02 0.12 0.00 N | 38.84 0.03 0.00 N | 35.05 -0.35 0.00 N | 37.20 0.10 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 34.08 -0.26 0.00 N | 32.72 -0.12 0.00 N | 33.15 -0.23 0.00 N | 32.43 -0.22 0.00 N | 34.01 -0.30 0.00 N | 36.10 -0.20 0.00 N | 35.88 -0.27 0.00 N | 37.96 -0.45 0.00 N | 41.48 -0.14 0.00 N | 47.31 -0.23 0.00 N | 33.68 -0.03 0.00 N | 20.49 -0.08 0.00 N | 36.52 -0.07 0.00 N | 35.47 -0.23 0.00 N | 33.86 -0.29 0.00 N | 32.30 -0.24 0.00 N | 32.94 -0.12 0.00 N | 27.88 0.05 0.00 N | 32.22 0.16 0.00 N | 34.75 0.23 0.00 N | 34.02 0.12 0.00 N | 38.84 0.03 0.00 N | 35.05 -0.35 0.00 N | 37.20 0.10 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 34.08 -0.26 0.00 N | 32.72 -0.12 0.00 N | 33.15 -0.23 0.00 N | 32.43 -0.22 0.00 N | 34.01 -0.30 0.00 N | 36.10 -0.20 0.00 N | 35.88 -0.27 0.00 N | 37.96 -0.45 0.00 N | 41.48 -0.14 0.00 N | 47.31 -0.23 0.00 N | 33.68 -0.03 0.00 N | 20.49 -0.08 0.00 N | 36.52 -0.07 0.00 N | 35.47 -0.23 0.00 N | 33.86 -0.29 0.00 N | 32.30 -0.24 0.00 N | 32.94 -0.12 0.00 N | 27.88 0.05 0.00 N | 32.22 0.16 0.00 N | 34.75 0.23 0.00 N | 34.02 0.12 0.00 N | 38.84 0.03 0.00 N | 35.05 -0.35 0.00 N | 37.20 0.10 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 33.68 -0.66 0.00 N | 32.09 -0.75 0.00 N | 32.64 -0.74 0.00 N | 31.92 -0.73 0.00 N | 33.62 -0.69 0.00 N | 35.48 -0.82 0.00 N | 35.62 -0.52 0.00 N | 38.10 -0.32 0.00 N | 39.88 -1.74 0.00 N | 45.50 -2.03 -13.63 N | 45.88 -1.47 -17.07 N | 36.90 -0.74 -2.29 N | 37.37 -1.51 -2.00 N | 36.47 -1.23 -5.36 N | 38.47 -1.04 -7.01 N | 38.32 -1.22 -13.64 N | 45.07 -1.63 -14.77 N | 41.37 -1.24 -4.40 N | 35.08 -1.37 -6.34 N | 39.16 -1.71 -1.81 N | 34.21 -1.49 0.00 N | 37.05 -1.76 0.00 N | 34.60 -0.80 0.00 N | 35.14 -1.96 0.00 N | |
| NEG WEST___LANCASTR 23811 | 33.24 -1.10 0.00 N | 31.60 -1.23 0.00 N | 32.29 -1.09 0.00 N | 31.53 -1.12 0.00 N | 33.21 -1.11 0.00 N | 34.97 -1.33 0.00 N | 35.28 -0.88 0.00 N | 38.08 -0.34 0.00 N | 40.43 -1.19 0.00 N | 46.51 -1.02 -16.09 N | 49.00 -0.80 -20.26 N | 40.46 -0.37 -2.72 N | 38.29 -1.02 -2.39 N | 37.33 -0.75 -6.37 N | 39.99 -0.53 -8.34 N | 40.27 -0.60 -16.22 N | 48.33 -0.95 -17.57 N | 44.67 -0.74 -5.23 N | 36.43 -0.86 -7.54 N | 41.03 -1.04 -2.15 N | 34.98 -1.07 0.00 N | 37.66 -1.15 0.00 N | 34.90 -0.49 0.00 N | 35.26 -1.83 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 34.75 0.41 0.00 N | 33.13 0.30 0.00 N | 33.78 0.39 0.00 N | 32.99 0.35 0.00 N | 34.72 0.40 0.00 N | 36.59 0.29 0.00 N | 36.81 0.65 0.00 N | 39.56 1.14 0.00 N | 43.06 1.43 0.00 N | 49.60 2.06 -31.27 N | 66.49 1.50 -39.53 N | 61.05 0.96 -5.32 N | 43.45 1.55 -4.66 N | 41.97 1.61 -12.46 N | 48.21 1.59 -12.46 N | 50.38 1.55 -16.30 N | 66.28 1.51 -31.72 N | 63.40 1.22 -34.35 N | 43.62 1.33 -10.23 N | 50.75 1.49 -14.73 N | 39.45 1.35 -4.21 N | 40.40 1.59 0.00 N | 36.88 1.49 0.00 N | 37.94 0.84 0.00 N | |
| NEG___GEN_MONROE 24207 | 34.33 -0.01 0.00 N | 32.73 -0.10 0.00 N | 33.27 -0.11 0.00 N | 32.56 -0.09 0.00 N | 34.26 -0.06 0.00 N | 36.25 -0.05 0.00 N | 36.59 0.44 0.00 N | 39.07 0.66 0.00 N | 41.80 0.17 0.00 N | 47.92 0.38 -10.99 N | 45.05 0.35 -14.31 N | 35.11 0.23 -1.95 N | 38.76 0.22 -1.71 N | 37.79 0.39 -4.57 N | 39.29 0.57 -5.98 N | 38.91 0.40 -11.64 N | 44.81 0.11 -12.60 N | 40.60 0.17 -3.75 N | 35.91 0.09 -5.41 N | 39.88 -0.05 -1.54 N | 35.55 0.11 0.00 N | 38.81 0.00 0.00 N | 35.72 0.32 0.00 N | 36.49 -0.61 0.00 N | |
| NEPA___ENERGY 23901 | 32.88 -1.46 0.00 N | 31.20 -1.63 0.00 N | 32.06 -1.32 0.00 N | 31.24 -1.41 0.00 N | 32.92 -1.39 0.00 N | 34.57 -1.73 0.00 N | 34.95 -1.20 0.00 N | 38.09 -0.32 0.00 N | 40.85 -0.77 0.00 N | 47.38 -0.16 -17.92 N | 51.36 -0.27 -22.59 N | 43.06 -0.10 -3.03 N | 38.93 -0.69 -2.66 N | 37.92 -0.43 -7.11 N | 40.92 -0.34 -9.30 N | 41.52 -0.32 -18.10 N | 50.53 -0.63 -19.60 N | 46.88 -0.55 -5.84 N | 37.31 -0.59 -8.41 N | 42.32 -0.61 -2.40 N | 35.48 -0.81 0.00 N | 38.11 -0.70 0.00 N | 35.18 -0.22 0.00 N | 35.47 -1.62 0.00 N | |
| NEVERSINK___HYD 23608 | 35.67 1.33 0.00 N | 33.98 1.15 0.00 N | 34.55 1.17 0.00 N | 33.78 1.13 0.00 N | 35.43 1.12 0.00 N | 37.27 0.97 0.00 N | 37.60 1.44 0.00 N | 40.26 1.85 0.00 N | 45.23 3.60 0.00 N | 52.31 4.77 -122.28 N | 159.46 3.47 -155.47 N | 178.06 2.02 -21.20 N | 61.11 3.33 -18.59 N | 57.27 2.98 -49.71 N | 87.00 3.14 -65.12 N | 100.70 3.05 -126.69 N | 162.98 3.23 -137.21 N | 167.78 2.75 -40.85 N | 75.67 2.76 -58.85 N | 96.49 3.11 -16.81 N | 53.81 3.11 0.00 N | 42.76 3.95 0.00 N | 38.47 3.08 0.00 N | 39.30 2.21 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 33.31 -1.03 0.00 N | 31.93 -0.91 0.00 N | 32.29 -1.09 0.00 N | 31.61 -1.04 0.00 N | 33.22 -1.10 0.00 N | 35.44 -0.86 0.00 N | 35.41 -0.74 0.00 N | 37.41 -1.00 0.00 N | 40.67 -0.95 0.00 N | 46.12 -1.42 0.00 N | 33.00 -0.71 0.00 N | 20.12 -0.45 0.00 N | 35.73 -0.85 0.00 N | 34.62 -1.07 0.00 N | 33.12 -1.04 0.00 N | 31.51 -1.02 0.00 N | 31.98 -1.07 0.00 N | 27.00 -0.83 0.00 N | 31.11 -0.95 0.00 N | 33.53 -1.00 0.00 N | 32.95 -0.94 0.00 N | 37.89 -0.92 0.00 N | 34.19 -1.21 0.00 N | 36.23 -0.86 0.00 N | |
| NIAGARA___ | 33.28 | 31.73 | 32.27 | 31.58 | 33.25 | 35.05 | 35.11 | 37.44 | 39.12 | 44.53 | 45.03 | 36.37 | 36.59 | 35.71 | 37.72 | 37.59 | 44.31 | 40.73 | 34.42 | 38.42 | 33.52 | 36.29 | 33.95 | 34.58 | |

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| 23760 | -1.06 0.00 N | -1.10 0.00 N | -1.11 0.00 N | -1.07 0.00 N | -1.07 0.00 N | -1.25 0.00 N | -1.04 0.00 N | -0.97 0.00 N | -2.51 0.00 N | -3.01 0.00 N | -2.17 -13.49 N | -1.18 -16.98 N | -2.28 -2.28 N | -1.98 -2.00 N | -1.77 -5.34 N | -1.94 -6.99 N | -2.34 -13.60 N | -1.83 -14.73 N | -2.02 -4.39 N | -2.42 -6.32 N | -2.18 -1.80 N | -2.52 0.00 N | -1.44 0.00 N | -2.52 0.00 N |
| NINE_MILE_1 23575 | 33.51 -0.83 0.00 N | 32.01 -0.82 0.00 N | 32.55 -0.83 0.00 N | 31.83 -0.82 0.00 N | 33.46 -0.86 0.00 N | 35.31 -0.99 0.00 N | 35.19 -0.97 0.00 N | 37.41 -1.00 0.00 N | 40.50 -1.12 0.00 N | 46.35 -1.19 0.00 N | 38.91 -0.82 -6.02 N | 27.72 -0.46 -7.61 N | 36.78 -0.84 -1.02 N | 35.79 -0.80 -0.90 N | 35.82 -0.73 -2.40 N | 34.97 -0.70 -3.14 N | 38.41 -0.75 -6.11 N | 33.82 -0.63 -6.62 N | 33.26 -0.77 -1.97 N | 36.54 -0.83 -2.84 N | 33.90 -0.81 -0.81 N | 37.85 -0.96 0.00 N | 34.60 -0.79 0.00 N | 36.14 -0.95 0.00 N |
| NINE_MILE_2 23744 | 33.51 -0.83 0.00 N | 32.02 -0.81 0.00 N | 32.55 -0.83 0.00 N | 31.84 -0.81 0.00 N | 33.46 -0.86 0.00 N | 35.31 -0.99 0.00 N | 35.19 -0.97 0.00 N | 37.41 -1.00 0.00 N | 40.50 -1.12 0.00 N | 46.35 -1.19 0.00 N | 38.87 -0.82 -5.98 N | 27.67 -0.46 -7.56 N | 36.77 -0.84 -1.02 N | 35.79 -0.79 -0.89 N | 35.80 -0.73 -2.38 N | 34.95 -0.70 -3.12 N | 38.37 -0.75 -6.07 N | 33.77 -0.63 -6.57 N | 33.25 -0.77 -1.96 N | 36.52 -0.83 -2.82 N | 33.89 -0.81 -0.81 N | 37.86 -0.95 0.00 N | 34.60 -0.79 0.00 N | 36.15 -0.94 0.00 N |
| NM_CAPITAL___DRP 24208 | 35.44 1.10 0.00 N | 33.90 1.07 0.00 N | 34.57 1.19 0.00 N | 33.83 1.18 0.00 N | 35.59 1.27 0.00 N | 37.09 0.79 0.00 N | 36.70 0.55 0.00 N | 39.32 0.90 0.00 N | 43.26 1.64 0.00 N | 49.67 2.14 0.00 N | 28.93 1.67 6.45 N | 13.54 1.06 8.08 N | 37.24 1.71 1.06 N | 36.41 1.64 0.93 N | 33.26 1.59 2.49 N | 30.91 1.63 3.25 N | 28.61 1.88 6.33 N | 22.41 1.44 6.85 N | 31.48 1.46 2.04 N | 33.28 1.69 2.94 N | 34.56 1.50 0.84 N | 40.55 1.74 0.00 N | 36.75 1.35 0.00 N | 38.22 1.12 0.00 N |
| NM_CENTRAL___DRP 24181 | 34.16 -0.18 0.00 N | 32.61 -0.22 0.00 N | 33.17 -0.21 0.00 N | 32.43 -0.22 0.00 N | 34.09 -0.22 0.00 N | 36.00 -0.30 0.00 N | 36.00 -0.15 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.83 0.29 0.00 N | 42.34 0.26 -8.36 N | 31.37 0.22 -10.58 N | 38.34 0.33 -1.43 N | 37.30 0.36 -1.25 N | 37.91 0.42 -3.34 N | 37.31 0.41 -4.37 N | 41.91 0.36 -8.49 N | 37.33 0.30 -9.20 N | 35.04 0.24 -2.74 N | 38.73 0.26 -3.95 N | 35.28 0.26 -1.13 N | 39.02 0.21 0.00 N | 35.58 0.18 0.00 N | 36.99 -0.11 0.00 N |
| NM_FRONTIER___DRP 24179 | 33.52 -0.82 0.00 N | 31.96 -0.88 0.00 N | 32.51 -0.87 0.00 N | 31.80 -0.85 0.00 N | 33.49 -0.83 0.00 N | 35.32 -0.98 0.00 N | 35.38 -0.77 0.00 N | 37.72 -0.69 0.00 N | 39.39 -2.23 0.00 N | 44.86 -2.68 0.00 N | 45.49 -1.95 -13.72 N | 36.79 -1.04 -17.26 N | 36.87 -2.04 -2.32 N | 35.98 -1.75 -2.03 N | 38.05 -1.53 -5.43 N | 37.93 -1.71 -7.10 N | 44.75 -2.13 -13.82 N | 41.16 -1.63 -14.96 N | 34.69 -1.82 -4.46 N | 38.74 -2.21 -6.42 N | 33.77 -1.95 -1.83 N | 36.54 -2.27 0.00 N | 34.20 -1.20 0.00 N | 34.80 -2.29 0.00 N |
| NM_ST_REGIS___HYD 24053 | 33.17 -1.17 0.00 N | 31.91 -0.93 0.00 N | 32.17 -1.21 0.00 N | 31.52 -1.13 0.00 N | 33.08 -1.24 0.00 N | 35.38 -0.92 0.00 N | 35.18 -0.97 0.00 N | 36.95 -1.46 0.00 N | 40.21 -1.41 0.00 N | 45.21 -2.33 0.00 N | 32.37 -1.34 0.00 N | 19.68 -0.89 0.00 N | 35.01 -1.57 0.00 N | 33.84 -1.85 0.00 N | 32.31 -1.84 0.00 N | 30.71 -1.82 0.00 N | 31.21 -1.84 0.00 N | 26.40 -1.43 0.00 N | 30.52 -1.54 0.00 N | 32.78 -1.74 0.00 N | 32.24 -1.65 0.00 N | 37.30 -1.51 0.00 N | 33.52 -1.88 0.00 N | 36.06 -1.03 0.00 N |
| NORTHPORT___1 23551 | 36.55 2.21 0.00 N | 35.02 2.19 0.00 N | 55.98 2.69 -19.90 N | 35.30 2.65 0.00 N | 36.91 2.60 0.00 N | 38.48 2.18 0.00 N | 38.98 2.88 0.05 N | 42.71 3.82 -0.47 N | 48.05 5.48 -0.95 N | 54.21 6.66 -0.02 N | 175.03 4.69 -136.63 N | 195.84 2.67 -172.60 N | 64.44 4.61 -23.24 N | 60.98 4.70 -20.58 N | 93.11 4.46 -54.50 N | 108.07 4.27 -71.27 N | 176.18 4.46 -138.66 N | 181.72 3.72 -150.17 N | 80.86 4.10 -44.71 N | 103.38 4.44 -64.41 N | 72.95 4.31 -34.75 N | 45.95 5.21 -1.94 N | 40.53 4.50 -0.63 N | 41.19 4.05 -0.05 N |
| NORTHPORT___2 23552 | 36.55 2.21 0.00 N | 35.02 2.19 0.00 N | 55.98 2.69 -19.90 N | 35.30 2.65 0.00 N | 36.91 2.60 0.00 N | 38.48 2.18 0.00 N | 38.98 2.88 0.05 N | 42.71 3.82 -0.47 N | 48.05 5.48 -0.95 N | 54.21 6.66 -0.02 N | 175.03 4.69 -136.63 N | 195.84 2.67 -172.60 N | 64.44 4.61 -23.24 N | 60.98 4.70 -20.58 N | 93.11 4.46 -54.50 N | 108.07 4.27 -71.27 N | 176.18 4.46 -138.66 N | 181.72 3.72 -150.17 N | 80.86 4.10 -44.71 N | 103.38 4.44 -64.41 N | 72.95 4.31 -34.75 N | 45.95 5.21 -1.94 N | 40.53 4.50 -0.63 N | 41.19 4.05 -0.05 N |
| NORTHPORT___3 23553 | 36.70 2.37 0.00 N | 35.13 2.30 0.00 N | 56.04 2.75 -19.90 N | 35.36 2.71 0.00 N | 37.01 2.69 0.00 N | 38.58 2.28 0.00 N | 39.09 3.00 0.06 N | 42.81 3.94 -0.46 N | 48.10 5.55 -0.92 N | 54.23 6.67 -0.02 N | 175.06 4.72 -136.63 N | 195.88 2.71 -172.60 N | 64.58 4.75 -23.24 N | 61.08 4.81 -20.58 N | 93.19 4.54 -54.50 N | 108.15 4.35 -71.27 N | 176.24 4.52 -138.66 N | 181.76 3.75 -150.17 N | 80.93 4.16 -44.71 N | 103.47 4.53 -64.41 N | 73.07 4.42 -34.75 N | 46.07 5.34 -1.92 N | 40.67 4.66 -0.61 N | 41.35 4.21 -0.05 N |
| NORTHPORT___4 23650 | 36.70 2.37 0.00 N | 35.13 2.30 0.00 N | 56.04 2.75 -19.90 N | 35.36 2.71 0.00 N | 37.01 2.69 0.00 N | 38.58 2.28 0.00 N | 39.09 3.00 0.06 N | 42.81 3.94 -0.46 N | 48.10 5.55 -0.92 N | 54.23 6.67 -0.02 N | 175.06 4.72 -136.63 N | 195.88 2.71 -172.60 N | 64.58 4.75 -23.24 N | 61.08 4.81 -20.58 N | 93.19 4.54 -54.50 N | 108.15 4.35 -71.27 N | 176.24 4.52 -138.66 N | 181.76 3.75 -150.17 N | 80.93 4.16 -44.71 N | 103.47 4.53 -64.41 N | 73.07 4.42 -34.75 N | 46.07 5.34 -1.92 N | 40.67 4.66 -0.61 N | 41.35 4.21 -0.05 N |
| NORTHPORT___IC 23718 | 36.55 2.21 0.00 N | 35.02 2.19 0.00 N | 55.98 2.69 -19.90 N | 35.30 2.65 0.00 N | 36.91 2.60 0.00 N | 38.48 2.18 0.00 N | 38.98 2.88 0.05 N | 42.71 3.82 -0.47 N | 48.05 5.48 -0.95 N | 54.21 6.66 -0.02 N | 175.03 4.69 -136.63 N | 195.84 2.67 -172.60 N | 64.44 4.61 -23.24 N | 60.98 4.70 -20.58 N | 93.11 4.46 -54.50 N | 108.07 4.27 -71.27 N | 176.18 4.46 -138.66 N | 181.72 3.72 -150.17 N | 80.86 4.10 -44.71 N | 103.38 4.44 -64.41 N | 72.95 4.31 -34.75 N | 45.95 5.21 -1.94 N | 40.53 4.50 -0.63 N | 41.19 4.05 -0.05 N |
| NPX_GEN_1385_PROXY 323591 | 36.08 1.74 0.00 N | 34.57 1.73 0.00 N | 55.73 2.45 -19.90 N | 34.97 2.32 0.00 N | 36.53 2.22 0.00 N | 37.96 1.66 0.00 N | 38.32 2.22 0.05 N | 41.92 3.03 -0.47 N | 46.76 4.66 -1.82 N | 53.10 5.54 -0.02 N | 174.24 3.90 -136.63 N | 195.29 2.12 -172.60 N | 42.51 3.63 -2.71 N | 40.01 3.84 -0.24 N | 40.01 3.45 -3.09 N | 40.01 3.46 -3.55 N | 50.01 3.65 -12.08 N | 50.01 3.68 -11.84 N | 50.01 4.03 -8.11 N | 50.01 4.19 -5.52 N | 72.05 3.41 -34.75 N | 52.51 3.39 -15.35 N | 39.60 3.57 -0.63 N | 40.74 3.60 -0.05 N |
| NPX_GEN_CSC 323557 | 36.17 1.83 0.00 N | 34.98 2.15 0.00 N | 56.26 2.98 -19.90 N | 35.87 3.22 0.00 N | 37.40 3.09 0.00 N | 38.56 2.26 0.00 N | 39.05 2.95 0.05 N | 42.52 3.56 -0.55 N | 47.66 5.56 -1.82 N | 54.25 6.69 -0.03 N | 175.12 4.77 -136.64 N | 195.93 2.76 -172.60 N | 64.55 4.73 -23.24 N | 61.14 4.85 -20.60 N | 93.34 4.68 -54.50 N | 108.32 4.52 -71.27 N | 176.42 4.71 -138.66 N | 181.90 3.90 -150.17 N | 80.98 4.21 -44.71 N | 103.51 4.56 -64.41 N | 73.07 4.43 -34.75 N | 46.19 5.30 -2.07 N | 40.55 4.42 -0.73 N | 40.90 3.75 -0.06 N |

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| NSINS_S_GLNS_FALLS 23858 | 34.33 -0.01 0.00 N | 32.78 -0.05 0.00 N | 33.31 -0.08 0.00 N | 32.61 -0.04 0.00 N | 34.40 0.09 0.00 N | 36.03 -0.28 0.00 N | 36.34 0.19 0.00 N | 39.04 0.63 0.00 N | 43.28 1.66 0.00 N | 49.83 2.29 0.00 N | 35.45 1.74 0.00 N | 21.54 0.98 0.00 N | 38.32 1.73 0.00 N | 37.32 1.62 0.00 N | 35.61 1.46 0.00 N | 34.06 1.53 0.00 N | 34.83 1.77 0.00 N | 29.19 1.36 0.00 N | 33.38 1.32 0.00 N | 36.19 1.66 0.00 N | 35.48 1.59 0.00 N | 40.53 1.71 0.00 N | 36.42 1.02 0.00 N | 37.68 0.59 0.00 N |
| NUCOR_STEEL____DRP 24197 | 34.50 0.15 0.00 N | 32.98 0.15 0.00 N | 33.56 0.17 0.00 N | 32.83 0.18 0.00 N | 34.49 0.18 0.00 N | 36.40 0.10 0.00 N | 36.59 0.44 0.00 N | 38.92 0.51 0.00 N | 41.86 0.24 0.00 N | 48.04 0.50 0.00 N | 45.99 0.45 -11.82 N | 35.93 0.41 -14.95 N | 39.28 0.68 -2.01 N | 38.15 0.69 -1.77 N | 39.62 0.75 -4.72 N | 39.45 0.75 -6.17 N | 45.66 0.60 -12.01 N | 41.38 0.55 -13.00 N | 36.47 0.54 -3.87 N | 40.63 0.52 -5.58 N | 36.05 0.56 -1.59 N | 39.34 0.52 0.00 N | 35.77 0.38 0.00 N | 36.88 -0.21 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 34.34 0.00 0.00 N | 32.83 0.00 0.00 N | 33.38 0.00 0.00 N | 32.65 0.00 0.00 N | 34.32 0.00 0.00 N | 36.30 0.00 0.00 N | 36.15 0.00 0.00 N | 38.41 0.00 0.00 N | 41.62 0.00 0.00 N | 47.54 0.00 0.00 N | 33.71 0.00 0.00 N | 20.57 0.00 0.00 N | 36.59 0.00 0.00 N | 35.70 0.00 0.00 N | 34.15 0.00 0.00 N | 32.53 0.00 0.00 N | 33.05 0.00 0.00 N | 27.83 0.00 0.00 N | 32.06 0.00 0.00 N | 34.53 0.00 0.00 N | 33.90 0.00 0.00 N | 38.81 0.00 0.00 N | 35.40 0.00 0.00 N | 37.09 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 36.86 2.52 0.00 N | 35.32 2.49 0.00 N | 56.30 3.01 -19.90 N | 35.63 2.98 0.00 N | 37.26 2.94 0.00 N | 38.84 2.54 0.00 N | 39.40 3.30 0.05 N | 43.36 4.29 -0.66 N | 49.01 6.07 -1.32 N | 55.03 7.46 -0.03 N | 175.69 5.33 -136.65 N | 196.21 3.04 -172.60 N | 64.82 4.99 -23.24 N | 61.42 5.11 -20.61 N | 93.57 4.90 -54.51 N | 108.51 4.71 -71.27 N | 176.63 4.92 -138.66 N | 182.18 4.18 -150.17 N | 81.33 4.56 -44.71 N | 103.75 4.81 -64.41 N | 73.34 4.69 -34.75 N | 46.91 5.83 -2.27 N | 41.36 5.09 -0.88 N | 41.65 4.49 -0.07 N |
| NYPA_GOWANUS____GT5 24156 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.78 0.00 N | 46.83 5.20 -0.01 N | 54.14 6.60 0.00 N | 174.85 4.72 -136.42 N | 195.89 2.75 -172.57 N | 64.67 4.84 -23.23 N | 60.78 4.71 -20.38 N | 93.01 4.42 -54.44 N | 108.02 4.23 -71.25 N | 176.13 4.44 -138.63 N | 181.59 3.62 -150.14 N | 80.85 4.10 -44.70 N | 103.37 4.44 -64.40 N | 59.35 4.38 -21.08 N | 55.02 5.17 -11.04 N | 52.53 4.44 -12.69 N | 44.00 3.82 -3.09 N |
| NYPA_GOWANUS____GT6 24157 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.78 0.00 N | 46.83 5.20 -0.01 N | 54.14 6.60 0.00 N | 174.85 4.72 -136.42 N | 195.89 2.75 -172.57 N | 64.67 4.84 -23.23 N | 60.78 4.71 -20.38 N | 93.01 4.42 -54.44 N | 108.02 4.23 -71.25 N | 176.13 4.44 -138.63 N | 181.59 3.62 -150.14 N | 80.85 4.10 -44.70 N | 103.37 4.44 -64.40 N | 59.35 4.38 -21.08 N | 55.02 5.17 -11.04 N | 52.53 4.44 -12.69 N | 44.00 3.82 -3.09 N |
| NYPA_HARLEM__RVR__GT1 24160 | 36.50 2.16 0.00 N | 34.92 2.08 0.00 N | 35.45 2.07 0.00 N | 34.76 2.11 0.00 N | 36.40 2.09 0.00 N | 38.16 1.86 0.00 N | 38.61 2.46 0.00 N | 41.89 3.48 0.00 N | 46.53 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.41 4.59 -23.23 N | 60.52 4.45 -20.38 N | 92.78 4.19 -54.44 N | 107.74 3.97 -71.24 N | 175.83 4.16 -138.63 N | 181.36 3.40 -150.13 N | 80.56 3.80 -44.69 N | 103.06 4.14 -64.40 N | 56.39 4.11 -18.39 N | 43.64 4.83 0.00 N | 39.53 4.14 0.00 N | 40.60 3.50 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 36.50 2.16 0.00 N | 34.92 2.08 0.00 N | 35.45 2.07 0.00 N | 34.76 2.11 0.00 N | 36.40 2.09 0.00 N | 38.16 1.86 0.00 N | 38.61 2.46 0.00 N | 41.89 3.48 0.00 N | 46.53 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.41 4.59 -23.23 N | 60.52 4.45 -20.38 N | 92.78 4.19 -54.44 N | 107.74 3.97 -71.24 N | 175.83 4.16 -138.63 N | 181.36 3.40 -150.13 N | 80.56 3.80 -44.69 N | 103.06 4.14 -64.40 N | 56.39 4.11 -18.39 N | 43.64 4.83 0.00 N | 39.53 4.14 0.00 N | 40.60 3.50 0.00 N |
| NYPA_KENT____GT 24152 | 36.69 2.35 0.00 N | 35.04 2.21 0.00 N | 35.65 2.26 0.00 N | 34.88 2.23 0.00 N | 36.56 2.25 0.00 N | 38.32 2.02 0.00 N | 38.88 2.72 0.00 N | 42.15 3.73 0.00 N | 46.79 5.17 -0.01 N | 54.11 6.58 0.00 N | 174.82 4.69 -136.42 N | 195.88 2.74 -172.57 N | 64.64 4.82 -23.23 N | 60.73 4.65 -20.38 N | 92.97 4.37 -54.44 N | 107.97 4.19 -71.25 N | 176.06 4.37 -138.63 N | 181.54 3.57 -150.14 N | 80.79 4.03 -44.70 N | 103.30 4.37 -64.40 N | 58.28 4.31 -20.08 N | 50.83 5.09 -6.92 N | 47.74 4.39 -7.95 N | 42.77 3.74 -1.94 N |
| NYPA_POUCH1____GT 24155 | 36.68 2.34 0.00 N | 35.02 2.18 0.00 N | 35.64 2.26 0.00 N | 34.86 2.21 0.00 N | 36.53 2.22 0.00 N | 38.29 1.98 0.00 N | 38.85 2.70 0.00 N | 42.15 3.74 0.00 N | 46.76 5.14 -0.01 N | 54.01 6.46 0.00 N | 174.74 4.60 -136.42 N | 195.81 2.67 -172.57 N | 64.54 4.72 -23.23 N | 60.68 4.60 -20.38 N | 92.89 4.30 -54.44 N | 107.92 4.13 -71.25 N | 176.06 4.37 -138.63 N | 181.53 3.56 -150.14 N | 80.80 4.04 -44.70 N | 103.30 4.37 -64.40 N | 59.29 4.32 -21.08 N | 56.96 5.04 -13.11 N | 51.12 4.33 -11.39 N | 43.91 3.73 -3.09 N |
| NYPA_VERNON____GT2 24162 | 36.67 2.33 0.00 N | 35.01 2.18 0.00 N | 35.62 2.24 0.00 N | 34.86 2.21 0.00 N | 36.55 2.23 0.00 N | 38.31 2.01 0.00 N | 38.84 2.69 0.00 N | 42.08 3.67 0.00 N | 46.76 5.13 -0.01 N | 54.08 6.54 0.00 N | 174.80 4.66 -136.42 N | 195.86 2.72 -172.57 N | 64.62 4.80 -23.23 N | 60.70 4.63 -20.38 N | 92.94 4.34 -54.44 N | 107.94 4.15 -71.25 N | 176.02 4.33 -138.63 N | 181.51 3.54 -150.14 N | 80.74 3.98 -44.70 N | 103.25 4.33 -64.40 N | 57.23 4.26 -19.07 N | 46.65 5.04 -2.81 N | 42.94 4.32 -3.22 N | 41.54 3.66 -0.78 N |
| NYPA_VERNON____GT3 24163 | 36.67 2.33 0.00 N | 35.01 2.18 0.00 N | 35.62 2.24 0.00 N | 34.86 2.21 0.00 N | 36.55 2.23 0.00 N | 38.31 2.01 0.00 N | 38.84 2.69 0.00 N | 42.08 3.67 0.00 N | 46.76 5.13 -0.01 N | 54.08 6.54 0.00 N | 174.80 4.66 -136.42 N | 195.86 2.72 -172.57 N | 64.62 4.80 -23.23 N | 60.70 4.63 -20.38 N | 92.94 4.34 -54.44 N | 107.94 4.15 -71.25 N | 176.02 4.33 -138.63 N | 181.51 3.54 -150.14 N | 80.74 3.98 -44.70 N | 103.25 4.33 -64.40 N | 57.23 4.26 -19.07 N | 46.65 5.04 -2.81 N | 42.94 4.32 -3.22 N | 41.54 3.66 -0.78 N |
| NYPA____ASTORIA_CC1 323568 | 36.62 2.28 0.00 N | 34.98 2.15 0.00 N | 35.58 2.19 0.00 N | 34.83 2.18 0.00 N | 36.51 2.19 0.00 N | 38.27 1.97 0.00 N | 38.78 2.63 0.00 N | 42.00 3.59 0.00 N | 46.66 5.04 -0.01 N | 53.94 6.40 0.00 N | 174.69 4.55 -136.42 N | 190.12 2.65 -166.89 N | 64.50 4.68 -23.23 N | 60.61 4.54 -20.38 N | 92.82 4.23 -54.44 N | 107.82 4.04 -71.24 N | 175.91 4.23 -138.63 N | 181.41 3.45 -150.13 N | 80.64 3.89 -44.69 N | 103.13 4.21 -64.40 N | 56.46 4.17 -18.39 N | 43.76 4.95 0.00 N | 39.64 4.24 0.00 N | 40.67 3.58 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 36.62 2.28 0.00 N | 34.98 2.15 0.00 N | 35.58 2.19 0.00 N | 34.83 2.18 0.00 N | 36.51 2.19 0.00 N | 38.27 1.97 0.00 N | 38.78 2.63 0.00 N | 42.00 3.59 0.00 N | 46.66 5.04 -0.01 N | 53.94 6.40 0.00 N | 174.69 4.55 -136.42 N | 190.12 2.65 -166.89 N | 64.50 4.68 -23.23 N | 60.61 4.54 -20.38 N | 92.82 4.23 -54.44 N | 107.82 4.04 -71.24 N | 175.91 4.23 -138.63 N | 181.41 3.45 -150.13 N | 80.64 3.89 -44.69 N | 103.13 4.21 -64.40 N | 56.46 4.17 -18.39 N | 43.76 4.95 0.00 N | 39.64 4.24 0.00 N | 40.67 3.58 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| NYPA____HOLTSVILL 23794 | 36.52 2.18 0.00 N | 35.08 2.25 0.00 N | 56.13 2.85 -19.90 N | 35.53 2.88 0.00 N | 37.14 2.83 0.00 N | 38.62 2.32 0.00 N | 39.13 3.03 0.05 N | 42.87 3.91 -0.54 N | 48.36 5.65 -1.09 N | 54.51 6.95 -0.02 N | 175.28 4.93 -136.64 N | 196.01 2.84 -172.60 N | 64.69 4.86 -23.24 N | 61.26 4.97 -20.60 N | 93.42 4.76 -54.50 N | 108.38 4.58 -71.27 N | 176.48 4.76 -138.66 N | 181.95 3.96 -150.17 N | 81.10 4.33 -44.71 N | 103.63 4.69 -64.41 N | 73.21 4.57 -34.75 N | 46.35 5.48 -2.06 N | 40.80 4.68 -0.72 N | 41.24 4.10 -0.06 N | |
| NYPA____HELLGATE_GT1 24158 | 36.50 2.16 0.00 N | 34.92 2.08 0.00 N | 35.45 2.07 0.00 N | 34.76 2.11 0.00 N | 36.40 2.09 0.00 N | 38.16 1.86 0.00 N | 38.61 2.46 0.00 N | 41.89 3.48 0.00 N | 46.53 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.45 4.63 -23.23 N | 60.56 4.48 -20.38 N | 92.79 4.20 -54.44 N | 107.77 3.99 -71.24 N | 175.83 4.16 -138.63 N | 181.36 3.40 -150.13 N | 80.57 3.82 -44.69 N | 103.09 4.17 -64.40 N | 56.40 4.11 -18.39 N | 43.64 4.83 0.00 N | 39.53 4.14 0.00 N | 40.60 3.50 0.00 N | |
| NYPA____HELLGATE_GT2 24159 | 36.50 2.16 0.00 N | 34.92 2.08 0.00 N | 35.45 2.07 0.00 N | 34.76 2.11 0.00 N | 36.40 2.09 0.00 N | 38.16 1.86 0.00 N | 38.61 2.46 0.00 N | 41.89 3.48 0.00 N | 46.53 4.90 -0.01 N | 53.74 6.20 0.00 N | 174.55 4.41 -136.42 N | 190.10 2.64 -166.89 N | 64.45 4.63 -23.23 N | 60.56 4.48 -20.38 N | 92.79 4.20 -54.44 N | 107.77 3.99 -71.24 N | 175.83 4.16 -138.63 N | 181.36 3.40 -150.13 N | 80.57 3.82 -44.69 N | 103.09 4.17 -64.40 N | 56.40 4.11 -18.39 N | 43.64 4.83 0.00 N | 39.53 4.14 0.00 N | 40.60 3.50 0.00 N | |
| NYS_BARGE____HYD 23848 | 33.76 -0.58 0.00 N | 32.16 -0.68 0.00 N | 32.72 -0.67 0.00 N | 31.98 -0.66 0.00 N | 33.69 -0.62 0.00 N | 35.56 -0.74 0.00 N | 35.71 -0.44 0.00 N | 38.19 -0.22 0.00 N | 39.99 -1.63 0.00 N | 45.63 -1.91 0.00 N | 45.88 -1.38 -16.95 N | 36.85 -0.67 -16.95 N | 37.46 -1.39 -2.27 N | 36.57 -1.12 -1.99 N | 38.55 -0.92 -5.31 N | 38.37 -1.12 -6.96 N | 45.07 -1.52 -13.53 N | 41.34 -1.14 -14.66 N | 35.16 -1.27 -4.36 N | 39.23 -1.59 -6.29 N | 34.32 -1.37 -1.80 N | 37.18 -1.63 0.00 N | 34.70 -0.70 0.00 N | 35.24 -1.86 0.00 N | |
| O.H_GEN_BRUCE 24063 | 33.26 -1.08 0.00 N | 31.72 -1.12 0.00 N | 32.26 -1.12 0.00 N | 31.56 -1.09 0.00 N | 33.22 -1.09 0.00 N | 35.03 -1.28 0.00 N | 35.08 -1.07 0.00 N | 37.41 -1.00 0.00 N | 38.08 -3.08 -0.89 N | 44.55 -2.99 0.00 N | 44.62 -2.16 -13.07 N | 35.85 -1.19 -16.46 N | 36.52 -2.28 -2.21 N | 35.66 -1.97 -1.94 N | 37.56 -1.77 -5.18 N | 37.38 -1.93 -6.78 N | 43.91 -2.33 -13.19 N | 40.31 -1.80 -14.28 N | 34.29 -2.02 -4.25 N | 38.24 -2.41 -6.13 N | 33.48 -2.16 -1.75 N | 36.31 -4.83 0.00 N | 33.94 -1.46 0.00 N | 34.58 -2.52 0.00 N | |
| OAK ORCHARD____HYD 24046 | 33.90 -0.44 0.00 N | 32.34 -0.49 0.00 N | 32.86 -0.52 0.00 N | 32.16 -0.49 0.00 N | 33.82 -0.50 0.00 N | 35.74 -0.55 0.00 N | 35.90 -0.25 0.00 N | 38.33 -0.08 0.00 N | 40.89 -0.73 0.00 N | 46.78 -0.76 0.00 N | 44.22 -0.48 -10.99 N | 34.33 -0.19 -13.95 N | 38.07 -0.40 -1.88 N | 37.14 -0.20 -1.65 N | 38.47 -0.09 -4.40 N | 38.10 -0.19 -5.77 N | 43.83 -0.44 -11.22 N | 39.67 -0.30 -12.15 N | 35.32 -0.36 -3.62 N | 39.19 -0.55 -5.21 N | 34.99 -0.39 -1.49 N | 38.22 -0.59 0.00 N | 35.17 -0.23 0.00 N | 36.09 -1.01 0.00 N | |
| OCC_CHEM____DRP 24175 | 33.57 -0.78 0.00 N | 32.00 -0.83 0.00 N | 32.56 -0.83 0.00 N | 31.85 -0.80 0.00 N | 33.54 -0.77 0.00 N | 35.37 -0.93 0.00 N | 35.45 -0.70 0.00 N | 37.79 -0.62 0.00 N | 39.47 -2.15 0.00 N | 44.95 -2.58 0.00 N | 45.59 -1.87 -13.75 N | 36.87 -1.00 -17.29 N | 36.95 -1.96 -2.32 N | 36.06 -1.67 -2.04 N | 38.14 -1.45 -5.44 N | 38.02 -1.63 -7.12 N | 44.85 -2.05 -13.84 N | 41.25 -1.57 -14.99 N | 34.77 -1.76 -4.46 N | 38.82 -2.13 -6.43 N | 33.85 -1.88 -1.84 N | 36.62 -2.19 0.00 N | 34.27 -1.12 0.00 N | 34.86 -2.23 0.00 N | |
| OLIN_CORP_DRP 24177 | 33.54 -0.80 0.00 N | 31.96 -0.87 0.00 N | 32.52 -0.86 0.00 N | 31.82 -0.83 0.00 N | 33.50 -0.82 0.00 N | 35.33 -0.97 0.00 N | 35.45 -0.70 0.00 N | 37.85 -0.56 0.00 N | 39.57 -2.05 0.00 N | 45.12 -2.42 0.00 N | 45.87 -1.76 -13.92 N | 37.13 -0.93 -17.48 N | 37.10 -1.84 -2.34 N | 36.20 -1.55 -2.06 N | 38.30 -1.35 -5.49 N | 38.20 -1.52 -7.19 N | 45.11 -1.93 -13.98 N | 41.50 -1.48 -15.15 N | 34.92 -1.65 -4.51 N | 39.01 -2.01 -6.50 N | 33.96 -1.79 -1.85 N | 36.73 -2.07 0.00 N | 34.34 -1.06 0.00 N | 34.91 -2.19 0.00 N | |
| ONONDAGA_REF_OCCRA 23987 | 34.25 -0.09 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.17 -0.14 0.00 N | 36.10 -0.20 0.00 N | 36.10 -0.05 0.00 N | 38.52 0.11 0.00 N | 41.80 0.18 0.00 N | 48.00 0.46 0.00 N | 43.65 0.38 -9.55 N | 32.95 0.30 -12.08 N | 38.68 0.46 -1.63 N | 37.61 0.49 -1.43 N | 38.51 0.55 -3.81 N | 38.05 0.53 -4.99 N | 43.25 0.49 -9.70 N | 38.75 0.42 -10.50 N | 35.56 0.38 -3.13 N | 39.45 0.42 -4.50 N | 35.60 0.41 -1.29 N | 39.19 0.38 0.00 N | 35.71 0.31 0.00 N | 37.11 0.01 0.00 N | |
| ONONDAGA____COGEN 23986 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N | |
| ONTARIO____LFGE 23819 | 34.31 -0.03 0.00 N | 32.72 -0.11 0.00 N | 33.33 -0.06 0.00 N | 32.58 -0.07 0.00 N | 34.28 -0.04 0.00 N | 36.22 -0.08 0.00 N | 36.51 0.36 0.00 N | 39.12 0.70 0.00 N | 42.26 0.64 0.00 N | 48.74 1.20 0.00 N | 47.60 0.88 -13.00 N | 37.62 0.60 -16.45 N | 39.66 0.86 -2.21 N | 38.55 0.91 -1.94 N | 40.44 1.10 -5.19 N | 40.33 1.01 -6.79 N | 47.09 0.83 -13.21 N | 42.85 0.72 -14.30 N | 36.95 0.63 -4.26 N | 41.32 0.66 -6.14 N | 36.29 0.64 -1.75 N | 39.54 0.73 0.00 N | 36.07 0.67 0.00 N | 36.94 -0.15 0.00 N | |
| OSWEGATCHIE____HYD 24044 | 33.31 -1.03 0.00 N | 31.93 -0.91 0.00 N | 32.29 -1.09 0.00 N | 31.61 -1.04 0.00 N | 33.22 -1.10 0.00 N | 35.44 -0.86 0.00 N | 35.41 -0.74 0.00 N | 37.41 -1.00 0.00 N | 40.67 -0.95 0.00 N | 46.12 -1.42 0.00 N | 33.00 -0.71 0.00 N | 20.12 -0.45 0.00 N | 35.73 -0.85 0.00 N | 34.62 -1.07 0.00 N | 33.12 -1.04 0.00 N | 31.51 -1.02 0.00 N | 31.98 -1.07 0.00 N | 27.00 -0.83 0.00 N | 31.11 -0.95 0.00 N | 33.53 -1.00 0.00 N | 32.95 -0.94 0.00 N | 37.89 -0.92 0.00 N | 34.19 -1.21 0.00 N | 36.23 -0.86 0.00 N | |
| OSWEGO____5 23606 | 33.71 -0.63 0.00 N | 32.21 -0.62 0.00 N | 32.75 -0.63 0.00 N | 32.03 -0.62 0.00 N | 33.67 -0.65 0.00 N | 35.54 -0.76 0.00 N | 35.45 -0.70 0.00 N | 37.72 -0.69 0.00 N | 40.84 -0.78 0.00 N | 46.76 -0.78 0.00 N | 40.05 -0.53 -6.87 N | 28.98 -0.28 -8.68 N | 37.23 -0.53 -1.17 N | 36.24 -0.48 -1.03 N | 36.46 -0.43 -2.74 N | 35.70 -0.41 -3.58 N | 39.56 -0.46 -6.97 N | 34.99 -0.39 -7.55 N | 33.82 -0.48 -2.25 N | 37.23 -0.53 -3.24 N | 34.31 -0.51 -0.93 N | 38.18 -0.63 0.00 N | 34.89 -0.51 0.00 N | 36.40 -0.69 0.00 N | |
| OSWEGO____6 | 33.71 | 32.21 | 32.75 | 32.03 | 33.67 | 35.54 | 35.45 | 37.72 | 40.84 | 46.76 | 40.05 | 28.98 | 37.23 | 36.24 | 36.46 | 35.70 | 39.56 | 34.99 | 33.82 | 37.23 | 34.31 | 38.18 | 34.89 | 36.40 | |

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|---------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23613 | -0.63 0.00 N | -0.62 0.00 N | -0.63 0.00 N | -0.62 0.00 N | -0.65 0.00 N | -0.76 0.00 N | -0.70 0.00 N | -0.69 0.00 N | -0.78 0.00 N | -0.78 0.00 N | -0.53 -6.87 N | -0.28 -8.68 N | -0.53 -1.17 N | -0.48 -1.03 N | -0.43 -2.74 N | -0.41 -3.58 N | -0.46 -6.97 N | -0.39 -7.55 N | -0.48 -2.25 N | -0.53 -3.24 N | -0.51 -0.93 N | -0.63 0.00 N | -0.51 0.00 N | -0.69 0.00 N |
| OUTOKUMPU-AB____DRP 24206 | 33.97 -0.37 0.00 N | 32.36 -0.48 0.00 N | 32.93 -0.46 0.00 N | 32.20 -0.45 0.00 N | 33.92 -0.40 0.00 N | 35.80 -0.50 0.00 N | 35.98 -0.16 0.00 N | 38.50 0.09 0.00 N | 40.36 -1.26 0.00 N | 46.09 -1.45 0.00 N | 46.70 -1.05 -14.03 N | 37.71 -0.48 -17.62 N | 37.89 -1.06 -2.36 N | 36.98 -0.79 -2.07 N | 39.10 -0.59 -5.54 N | 39.00 -0.78 -7.24 N | 45.96 -1.19 -14.10 N | 42.22 -0.87 -15.26 N | 35.63 -0.97 -4.54 N | 39.82 -1.26 -6.55 N | 34.70 -1.06 -1.87 N | 37.54 -1.27 0.00 N | 35.01 -0.39 0.00 N | 35.54 -1.55 0.00 N |
| OXBOW____ 24026 | 33.85 -0.49 0.00 N | 32.25 -0.58 0.00 N | 32.82 -0.56 0.00 N | 32.09 -0.56 0.00 N | 33.81 -0.51 0.00 N | 35.67 -0.63 0.00 N | 35.81 -0.34 0.00 N | 38.27 -0.14 0.00 N | 40.05 -1.57 0.00 N | 45.69 -1.85 0.00 N | 46.28 -1.33 -13.90 N | 37.37 -0.66 -17.46 N | 37.56 -1.37 -2.34 N | 36.65 -1.10 -2.06 N | 38.75 -0.89 -5.49 N | 38.64 -1.08 -7.18 N | 45.54 -1.48 -13.97 N | 41.85 -1.11 -15.13 N | 35.33 -1.23 -4.50 N | 39.46 -1.56 -6.49 N | 34.41 -1.34 -1.85 N | 37.23 -1.58 0.00 N | 34.76 -0.64 0.00 N | 35.32 -1.78 0.00 N |
| OXY_CHEM_DSASP 323612 | 33.57 -0.78 0.00 N | 32.00 -0.83 0.00 N | 32.56 -0.83 0.00 N | 31.85 -0.80 0.00 N | 33.54 -0.77 0.00 N | 35.37 -0.93 0.00 N | 35.45 -0.70 0.00 N | 37.79 -0.62 0.00 N | 39.47 -2.15 0.00 N | 44.95 -2.58 0.00 N | 45.59 -1.87 -13.75 N | 36.87 -1.00 -17.29 N | 36.95 -1.96 -2.32 N | 36.06 -1.67 -2.04 N | 38.14 -1.45 -5.44 N | 38.02 -1.63 -7.12 N | 44.85 -2.05 -13.84 N | 41.25 -1.57 -14.99 N | 34.77 -1.76 -4.46 N | 38.82 -2.13 -6.43 N | 33.85 -1.88 -1.84 N | 36.62 -2.19 0.00 N | 34.27 -1.12 0.00 N | 34.86 -2.23 0.00 N |
| PEEKSKILL____ 23653 | 36.31 1.97 0.00 N | 34.64 1.81 0.00 N | 35.28 1.90 0.00 N | 34.49 1.85 0.00 N | 36.18 1.87 0.00 N | 37.92 1.62 0.00 N | 38.40 2.24 0.00 N | 41.46 3.05 0.00 N | 46.01 4.39 0.00 N | 53.15 5.62 -135.37 N | 173.11 4.03 -171.24 N | 194.19 2.38 -23.06 N | 63.83 4.18 -20.22 N | 59.96 4.04 -54.03 N | 91.98 3.79 -70.71 N | 106.91 3.67 -137.59 N | 174.49 3.85 -149.00 N | 180.00 3.16 -44.36 N | 79.97 3.55 -63.91 N | 102.36 3.92 -18.25 N | 55.94 3.79 0.00 N | 43.23 4.42 0.00 N | 39.14 3.74 0.00 N | 40.22 3.13 0.00 N |
| PGE MADISON____WINDPWR 24146 | 36.04 1.70 0.00 N | 34.30 1.47 0.00 N | 34.96 1.58 0.00 N | 34.24 1.59 0.00 N | 35.99 1.68 0.00 N | 38.09 1.79 0.00 N | 38.79 2.64 0.00 N | 41.51 3.10 0.00 N | 45.20 3.58 0.00 N | 52.32 4.78 -29.56 N | 66.73 3.46 -37.37 N | 60.15 2.21 -5.03 N | 45.42 3.81 -4.41 N | 43.81 3.71 -11.78 N | 49.58 3.64 -15.41 N | 51.45 3.50 -29.99 N | 66.55 3.50 -32.48 N | 63.31 3.01 -9.67 N | 45.01 3.28 -13.93 N | 52.14 3.68 -3.98 N | 41.42 3.54 0.00 N | 42.50 3.69 0.00 N | 38.35 2.95 0.00 N | 39.33 2.24 0.00 N |
| PIERCEFIELD____HYD 23852 | 32.97 -1.38 0.00 N | 31.72 -1.12 0.00 N | 31.98 -1.41 0.00 N | 31.33 -1.32 0.00 N | 32.88 -1.44 0.00 N | 35.18 -1.12 0.00 N | 34.96 -1.19 0.00 N | 36.72 -1.70 0.00 N | 39.85 -1.77 0.00 N | 44.70 -2.83 0.00 N | 32.07 -1.64 0.00 N | 19.51 -1.06 0.00 N | 34.71 -1.87 0.00 N | 33.53 -2.17 0.00 N | 31.95 -2.20 0.00 N | 30.37 -2.16 0.00 N | 30.85 -2.20 0.00 N | 26.09 -1.74 0.00 N | 30.23 -1.83 0.00 N | 32.43 -2.09 0.00 N | 31.92 -1.97 0.00 N | 36.98 -1.83 0.00 N | 33.20 -2.20 0.00 N | 35.79 -1.31 0.00 N |
| PINELAWN_CC_1 323563 | 36.93 2.59 0.00 N | 35.34 2.51 0.00 N | 56.22 2.94 -19.90 N | 35.53 2.88 0.00 N | 37.22 2.90 0.00 N | 38.88 2.58 0.00 N | 39.43 3.30 0.02 N | 43.94 4.33 -1.20 N | 50.09 6.06 -2.41 N | 55.00 7.41 -0.05 N | 175.67 5.26 -136.69 N | 196.19 3.01 -172.60 N | 65.07 5.24 -23.24 N | 61.70 5.30 -20.70 N | 93.80 5.08 -54.56 N | 108.67 4.86 -71.27 N | 176.76 5.04 -138.66 N | 182.20 4.20 -150.17 N | 81.41 4.64 -44.71 N | 103.96 5.02 -64.41 N | 73.51 4.86 -34.75 N | 47.89 5.85 -3.23 N | 42.08 5.09 -1.59 N | 41.77 4.54 -0.13 N |
| PJM_GEN_KEystone 24065 | 32.90 -1.44 0.00 N | 31.25 -1.59 0.00 N | 32.10 -1.28 0.00 N | 31.29 -1.36 0.00 N | 32.99 -1.33 0.00 N | 34.62 -1.69 0.00 N | 34.99 -1.16 0.00 N | 38.10 -0.31 0.00 N | 44.08 2.92 -0.89 N | 47.61 0.07 0.00 N | 128.29 -0.06 -94.64 N | 140.29 0.01 -119.71 N | 52.23 -0.48 -16.12 N | 49.59 -0.24 -14.14 N | 71.80 -0.12 -37.77 N | 81.87 -0.10 -49.43 N | 128.87 -0.37 -96.18 N | 131.64 -0.36 -104.17 N | 62.68 -0.39 -31.01 N | 78.81 -0.39 -44.68 N | 46.03 -0.62 -12.76 N | 38.35 -0.46 0.00 N | 35.29 -0.11 0.00 N | 35.64 -1.45 0.00 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 36.56 2.22 0.00 N | 34.98 2.15 0.00 N | 55.83 2.55 -19.90 N | 35.12 2.47 0.00 N | 36.76 2.45 0.00 N | 38.41 2.11 0.00 N | 38.89 2.82 0.07 N | 42.27 3.73 -0.13 N | 47.57 5.47 -1.82 N | 54.09 6.55 0.00 N | 174.96 4.65 -136.60 N | 195.82 2.64 -172.60 N | 64.48 4.65 -23.24 N | 60.88 4.65 -20.53 N | 93.04 4.42 -54.46 N | 108.03 4.23 -71.27 N | 176.13 4.41 -138.66 N | 181.65 3.65 -150.17 N | 80.81 4.04 -44.71 N | 103.35 4.41 -64.41 N | 72.91 4.27 -34.75 N | 45.30 5.17 -1.33 N | 40.02 4.45 -0.17 N | 41.02 3.91 -0.01 N |
| PJM_GEN_VFT_PROXY 323633 | 36.42 2.09 0.00 N | 34.78 1.95 0.00 N | 35.43 2.05 0.00 N | 34.65 2.00 0.00 N | 36.33 2.01 0.00 N | 38.04 1.74 0.00 N | 38.59 2.44 0.00 N | 41.81 3.39 0.00 N | 46.10 4.94 -0.89 N | 53.71 6.17 0.00 N | 174.54 4.40 -136.42 N | 195.69 2.55 -172.57 N | 64.31 4.48 -23.23 N | 60.32 4.25 -20.38 N | 92.60 4.01 -54.44 N | 107.65 3.87 -71.25 N | 175.73 4.04 -138.63 N | 181.25 3.28 -150.14 N | 80.45 3.69 -44.70 N | 102.94 4.01 -64.40 N | 55.51 3.91 -17.70 N | 42.96 4.71 0.56 N | 39.30 4.05 0.15 N | 40.01 3.37 0.46 N |
| PLEASANTVLY____LBMP 24000 | 36.15 1.81 0.00 N | 34.49 1.66 0.00 N | 35.12 1.74 0.00 N | 34.34 1.69 0.00 N | 36.05 1.73 0.00 N | 37.76 1.46 0.00 N | 38.14 1.99 0.00 N | 41.13 2.72 0.00 N | 45.59 3.97 0.00 N | 52.61 5.08 -140.60 N | 177.95 3.63 -177.83 N | 200.56 2.16 -23.93 N | 64.31 3.79 -20.99 N | 60.34 3.66 -56.08 N | 93.66 3.42 -73.40 N | 109.25 3.31 -142.82 N | 179.37 3.49 -142.82 N | 185.36 2.86 -154.67 N | 81.30 3.19 -46.05 N | 104.40 3.53 -66.34 N | 56.25 3.41 -18.95 N | 42.81 4.00 0.00 N | 38.77 3.37 0.00 N | 39.94 2.85 0.00 N |
| POLETTI____ 23519 | 36.54 2.20 0.00 N | 34.86 2.03 0.00 N | 35.50 2.11 0.00 N | 34.73 2.08 0.00 N | 36.40 2.09 0.00 N | 38.16 1.86 0.00 N | 38.65 2.50 0.00 N | 41.80 3.39 0.00 N | 46.44 4.82 0.00 N | 53.74 6.20 -136.42 N | 174.57 4.44 -172.57 N | 195.75 2.62 -23.23 N | 64.43 4.61 -20.38 N | 60.49 4.42 -54.44 N | 92.75 4.15 -71.25 N | 107.79 4.00 -138.63 N | 175.87 4.18 -150.14 N | 181.39 3.42 -44.70 N | 80.58 3.82 -64.40 N | 103.10 4.17 -18.39 N | 56.33 4.04 0.00 N | 43.60 4.78 0.00 N | 39.49 4.09 0.00 N | 40.52 3.43 0.00 N |
| PORT_JEFF_3 23555 | 36.68 2.34 0.00 N | 35.25 2.42 0.00 N | 56.30 3.02 -19.90 N | 35.71 3.06 0.00 N | 37.33 3.01 0.00 N | 38.80 2.50 0.00 N | 39.31 3.21 0.05 N | 43.00 4.03 -0.55 N | 48.56 5.83 -1.11 N | 54.76 7.20 -0.03 N | 175.47 5.12 -136.64 N | 196.13 2.96 -172.60 N | 64.82 4.98 -23.24 N | 61.37 5.08 -20.60 N | 93.57 4.91 -54.50 N | 108.53 4.73 -71.27 N | 176.64 4.92 -138.66 N | 182.08 4.08 -150.17 N | 81.19 4.42 -44.71 N | 103.74 4.80 -64.41 N | 73.34 4.69 -34.75 N | 46.58 5.70 -2.08 N | 41.02 4.89 -0.73 N | 41.41 4.26 -0.06 N |

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|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| PORT_JEFF_4 23616 | 36.68 2.34 0.00 N | 35.25 2.42 0.00 N | 56.30 3.02 -19.90 N | 35.71 3.06 0.00 N | 37.33 3.01 0.00 N | 38.80 2.50 0.00 N | 39.31 3.21 0.05 N | 43.00 4.03 -0.55 N | 48.56 5.83 -1.11 N | 54.76 7.20 -0.03 N | 175.47 5.12 -136.64 N | 196.13 2.96 -172.60 N | 64.82 4.98 -23.24 N | 61.37 5.08 -20.60 N | 93.57 4.91 -54.50 N | 108.53 4.73 -71.27 N | 176.64 4.92 -138.66 N | 182.08 4.08 -150.17 N | 81.19 4.42 -44.71 N | 103.74 4.80 -64.41 N | 73.34 4.69 -34.75 N | 46.58 5.70 -2.08 N | 41.02 4.89 -0.73 N | 41.41 4.26 -0.06 N |
| PORT_JEFF_IC 23713 | 36.74 2.40 0.00 N | 35.31 2.48 0.00 N | 56.37 3.09 -19.90 N | 35.79 3.14 0.00 N | 37.42 3.10 0.00 N | 38.88 2.58 0.00 N | 39.40 3.30 0.05 N | 43.13 4.15 -0.57 N | 48.74 5.97 -1.15 N | 54.93 7.37 -0.03 N | 175.60 5.25 -136.64 N | 196.20 3.02 -172.60 N | 64.81 4.98 -23.24 N | 61.39 5.09 -20.60 N | 93.59 4.93 -54.51 N | 108.55 4.75 -71.27 N | 176.65 4.93 -138.66 N | 182.09 4.09 -150.17 N | 81.20 4.44 -44.71 N | 103.75 4.81 -64.41 N | 73.42 4.78 -34.75 N | 46.78 5.86 -2.11 N | 41.16 5.09 -0.76 N | 41.50 4.35 -0.06 N |
| PPL PILGRIM_ST_GT1 24216 | 36.86 2.52 0.00 N | 35.32 2.49 0.00 N | 56.30 3.01 -19.90 N | 35.63 2.98 0.00 N | 37.26 2.94 0.00 N | 38.84 2.54 0.00 N | 39.40 3.30 0.05 N | 43.36 4.29 -0.66 N | 49.01 6.07 -1.32 N | 55.03 7.46 -0.03 N | 175.69 5.33 -136.65 N | 196.21 3.04 -172.60 N | 64.82 4.99 -23.24 N | 61.42 5.11 -20.61 N | 93.57 4.90 -54.51 N | 108.51 4.71 -71.27 N | 176.63 4.92 -138.66 N | 182.18 4.18 -150.17 N | 81.33 4.56 -44.71 N | 103.75 4.81 -64.41 N | 73.34 4.69 -34.75 N | 46.91 5.83 -2.27 N | 41.36 5.09 -0.88 N | 41.65 4.49 -0.07 N |
| PPL PILGRIM_ST_GT2 24217 | 36.86 2.52 0.00 N | 35.32 2.49 0.00 N | 56.30 3.01 -19.90 N | 35.63 2.98 0.00 N | 37.26 2.94 0.00 N | 38.84 2.54 0.00 N | 39.40 3.30 0.05 N | 43.36 4.29 -0.66 N | 49.01 6.07 -1.32 N | 55.03 7.46 -0.03 N | 175.69 5.33 -136.65 N | 196.21 3.04 -172.60 N | 64.82 4.99 -23.24 N | 61.42 5.11 -20.61 N | 93.57 4.90 -54.51 N | 108.51 4.71 -71.27 N | 176.63 4.92 -138.66 N | 182.18 4.18 -150.17 N | 81.33 4.56 -44.71 N | 103.75 4.81 -64.41 N | 73.34 4.69 -34.75 N | 46.91 5.83 -2.27 N | 41.36 5.09 -0.88 N | 41.65 4.49 -0.07 N |
| PPL_SHRM_GT3 24213 | 36.19 1.84 0.00 N | 34.97 2.14 0.00 N | 56.23 2.95 -19.90 N | 35.82 3.18 0.00 N | 37.37 3.05 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.58 3.61 -0.56 N | 48.11 5.37 -1.12 N | 54.23 6.67 -0.03 N | 175.11 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.56 4.73 -23.24 N | 61.16 4.87 -20.60 N | 93.34 4.68 -54.51 N | 108.32 4.52 -71.27 N | 176.42 4.71 -138.66 N | 181.90 3.90 -150.17 N | 81.02 4.25 -44.71 N | 103.55 4.61 -64.41 N | 73.11 4.47 -34.75 N | 46.24 5.34 -2.09 N | 40.60 4.46 -0.74 N | 40.94 3.79 -0.06 N |
| PPL_SHRM_GT4 24214 | 36.19 1.84 0.00 N | 34.97 2.14 0.00 N | 56.23 2.95 -19.90 N | 35.82 3.18 0.00 N | 37.37 3.05 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.58 3.61 -0.56 N | 48.11 5.37 -1.12 N | 54.23 6.67 -0.03 N | 175.11 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.56 4.73 -23.24 N | 61.16 4.87 -20.60 N | 93.34 4.68 -54.51 N | 108.32 4.52 -71.27 N | 176.42 4.71 -138.66 N | 181.90 3.90 -150.17 N | 81.02 4.25 -44.71 N | 103.55 4.61 -64.41 N | 73.11 4.47 -34.75 N | 46.24 5.34 -2.09 N | 40.60 4.46 -0.74 N | 40.94 3.79 -0.06 N |
| PROJECT___ORANGE 1 24174 | 34.18 -0.16 0.00 N | 32.64 -0.19 0.00 N | 33.19 -0.20 0.00 N | 32.45 -0.20 0.00 N | 34.12 -0.20 0.00 N | 36.03 -0.28 0.00 N | 36.03 -0.12 0.00 N | 38.44 0.03 0.00 N | 41.68 0.06 0.00 N | 47.86 0.33 0.00 N | 42.49 0.29 -8.48 N | 31.53 0.24 -10.73 N | 38.40 0.36 -1.44 N | 37.35 0.39 -1.27 N | 38.00 0.46 -3.38 N | 37.40 0.44 -4.43 N | 42.06 0.40 -8.61 N | 37.49 0.33 -9.32 N | 35.10 0.27 -2.77 N | 38.82 0.29 -4.00 N | 35.32 0.29 -1.14 N | 39.05 0.24 0.00 N | 35.60 0.21 0.00 N | 37.00 -0.09 0.00 N |
| PROJECT___ORANGE 2 24166 | 34.18 -0.16 0.00 N | 32.64 -0.19 0.00 N | 33.19 -0.20 0.00 N | 32.45 -0.20 0.00 N | 34.12 -0.20 0.00 N | 36.03 -0.28 0.00 N | 36.03 -0.12 0.00 N | 38.44 0.03 0.00 N | 41.68 0.06 0.00 N | 47.86 0.33 0.00 N | 42.49 0.29 -8.48 N | 31.53 0.24 -10.73 N | 38.40 0.36 -1.44 N | 37.35 0.39 -1.27 N | 38.00 0.46 -3.38 N | 37.40 0.44 -4.43 N | 42.06 0.40 -8.61 N | 37.49 0.33 -9.32 N | 35.10 0.27 -2.77 N | 38.82 0.29 -4.00 N | 35.32 0.29 -1.14 N | 39.05 0.24 0.00 N | 35.60 0.21 0.00 N | 37.00 -0.09 0.00 N |
| PYRITES___HYD 24023 | 33.32 -1.02 0.00 N | 32.03 -0.80 0.00 N | 32.30 -1.08 0.00 N | 31.63 -1.01 0.00 N | 33.21 -1.11 0.00 N | 35.58 -0.72 0.00 N | 35.39 -0.76 0.00 N | 37.11 -1.31 0.00 N | 40.36 -1.27 0.00 N | 45.36 -2.17 0.00 N | 32.56 -1.15 0.00 N | 19.80 -0.77 0.00 N | 35.20 -1.39 0.00 N | 33.93 -1.77 0.00 N | 32.45 -1.71 0.00 N | 30.84 -1.69 0.00 N | 31.33 -1.72 0.00 N | 26.51 -1.32 0.00 N | 30.56 -1.50 0.00 N | 32.83 -1.70 0.00 N | 32.29 -1.60 0.00 N | 37.46 -1.35 0.00 N | 33.56 -1.84 0.00 N | 36.13 -0.96 0.00 N |
| RAMAPO___LBMP 323565 | 36.34 2.00 0.00 N | 34.68 1.85 0.00 N | 35.32 1.93 0.00 N | 34.51 1.86 0.00 N | 36.19 1.87 0.00 N | 37.93 1.64 0.00 N | 38.40 2.25 0.00 N | 41.44 3.03 0.00 N | 45.98 4.36 0.00 N | 53.10 5.57 -132.58 N | 170.27 3.98 -167.73 N | 190.66 2.36 -22.59 N | 63.30 4.12 -22.59 N | 59.50 3.99 -19.82 N | 90.83 3.74 -52.93 N | 105.44 3.63 -69.28 N | 171.65 3.80 -134.80 N | 176.95 3.14 -145.98 N | 79.06 3.54 -43.46 N | 101.06 3.92 -62.62 N | 55.56 3.79 -17.88 N | 43.19 4.38 0.00 N | 39.11 3.71 0.00 N | 40.21 3.12 0.00 N |
| RANKINE____ 23646 | 33.61 -0.73 0.00 N | 32.00 -0.83 0.00 N | 32.61 -0.78 0.00 N | 31.87 -0.77 0.00 N | 33.58 -0.74 0.00 N | 35.40 -0.90 0.00 N | 35.61 -0.55 0.00 N | 38.18 -0.23 0.00 N | 40.20 -1.43 0.00 N | 45.98 -1.56 0.00 N | 47.45 -1.15 -14.88 N | 38.74 -0.56 -18.73 N | 37.89 -1.22 -2.51 N | 36.96 -0.94 -2.20 N | 39.27 -0.77 -5.89 N | 39.31 -0.93 -7.91 N | 46.74 -1.31 -14.99 N | 43.08 -0.99 -16.24 N | 35.79 -1.10 -4.83 N | 40.11 -1.38 -6.96 N | 34.64 -1.24 -1.99 N | 37.36 -1.45 0.00 N | 34.78 -0.62 0.00 N | 35.27 -1.82 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.44 2.13 0.00 N | 38.20 1.90 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.54 4.91 0.00 N | 53.83 6.29 -136.42 N | 174.64 4.50 -172.57 N | 195.78 2.65 -23.23 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.80 4.21 -54.44 N | 107.84 4.05 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.89 -44.70 N | 103.16 4.24 -64.40 N | 56.40 4.11 -18.39 N | 43.68 4.88 0.00 N | 39.57 4.17 0.00 N | 40.61 3.51 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.44 2.13 0.00 N | 38.20 1.90 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.54 4.91 0.00 N | 53.83 6.29 -136.42 N | 174.64 4.50 -172.57 N | 195.78 2.65 -23.23 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.80 4.21 -54.44 N | 107.84 4.05 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.89 -44.70 N | 103.16 4.24 -64.40 N | 56.40 4.11 -18.39 N | 43.68 4.88 0.00 N | 39.57 4.17 0.00 N | 40.61 3.51 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 36.60 2.26 0.00 N | 34.93 2.09 0.00 N | 35.56 2.17 0.00 N | 34.78 2.13 0.00 N | 36.47 2.15 0.00 N | 38.23 1.93 0.00 N | 38.75 2.60 0.00 N | 41.95 3.54 0.00 N | 46.58 4.96 0.00 N | 53.88 6.35 -136.42 N | 174.67 4.54 -172.57 N | 195.81 2.67 -23.23 N | 64.52 4.70 -23.23 N | 60.60 4.52 -20.38 N | 92.85 4.25 -54.44 N | 107.88 4.09 -71.25 N | 175.96 4.27 -138.63 N | 181.47 3.50 -150.14 N | 80.68 3.93 -44.70 N | 103.21 4.29 -64.40 N | 56.44 4.15 -18.39 N | 43.73 4.92 0.00 N | 39.60 4.21 0.00 N | 40.64 3.55 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| RAVENSWOOD_GT2_4 24247 | 36.60 2.26 0.00 N | 34.93 2.09 0.00 N | 35.56 2.17 0.00 N | 34.78 2.13 0.00 N | 36.47 2.15 0.00 N | 38.23 1.93 0.00 N | 38.75 2.60 0.00 N | 41.95 3.54 0.00 N | 46.58 4.96 0.00 N | 53.88 6.35 0.00 N | 174.67 4.54 -136.42 N | 195.81 2.67 -172.57 N | 64.52 4.70 -23.23 N | 60.60 4.52 -20.38 N | 92.85 4.25 -54.44 N | 107.88 4.09 -71.25 N | 175.96 4.27 -138.63 N | 181.47 3.50 -150.14 N | 80.68 3.93 -44.70 N | 103.21 4.29 -64.40 N | 56.44 4.15 -18.39 N | 43.73 4.92 0.00 N | 39.60 4.21 0.00 N | 40.64 3.55 0.00 N | |
| RAVENSWOOD_GT3_1 24248 | 36.57 2.23 0.00 N | 34.91 2.08 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.45 2.13 0.00 N | 38.20 1.90 0.00 N | 38.73 2.58 0.00 N | 41.91 3.50 0.00 N | 46.54 4.92 0.00 N | 53.84 6.30 0.00 N | 174.64 4.51 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.75 4.15 -54.44 N | 107.72 3.94 -71.25 N | 175.81 4.12 -138.63 N | 181.35 3.38 -150.14 N | 80.64 3.89 -44.70 N | 103.17 4.24 -64.40 N | 56.40 4.12 -18.39 N | 43.69 4.88 0.00 N | 39.57 4.17 0.00 N | 40.61 3.51 0.00 N | |
| RAVENSWOOD_GT3_2 24249 | 36.57 2.23 0.00 N | 34.91 2.08 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.45 2.13 0.00 N | 38.20 1.90 0.00 N | 38.73 2.58 0.00 N | 41.91 3.50 0.00 N | 46.54 4.92 0.00 N | 53.84 6.30 0.00 N | 174.64 4.51 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.75 4.15 -54.44 N | 107.72 3.94 -71.25 N | 175.81 4.12 -138.63 N | 181.35 3.38 -150.14 N | 80.64 3.89 -44.70 N | 103.17 4.24 -64.40 N | 56.40 4.12 -18.39 N | 43.69 4.88 0.00 N | 39.57 4.17 0.00 N | 40.61 3.51 0.00 N | |
| RAVENSWOOD_GT3_3 24250 | 36.62 2.28 0.00 N | 34.95 2.11 0.00 N | 35.58 2.20 0.00 N | 34.80 2.15 0.00 N | 36.50 2.18 0.00 N | 38.25 1.95 0.00 N | 38.78 2.63 0.00 N | 41.98 3.57 0.00 N | 46.62 5.00 0.00 N | 53.93 6.39 0.00 N | 174.71 4.57 -136.42 N | 195.83 2.69 -172.57 N | 64.56 4.73 -23.23 N | 60.63 4.56 -20.38 N | 92.88 4.29 -54.44 N | 107.91 4.13 -71.25 N | 175.99 4.31 -138.63 N | 181.50 3.53 -150.14 N | 80.72 3.96 -44.70 N | 103.25 4.32 -64.40 N | 56.47 4.19 -18.39 N | 43.77 4.96 0.00 N | 39.64 4.24 0.00 N | 40.68 3.58 0.00 N | |
| RAVENSWOOD_GT3_4 24251 | 36.62 2.28 0.00 N | 34.95 2.11 0.00 N | 35.58 2.20 0.00 N | 34.80 2.15 0.00 N | 36.50 2.18 0.00 N | 38.25 1.95 0.00 N | 38.78 2.63 0.00 N | 41.98 3.57 0.00 N | 46.62 5.00 0.00 N | 53.93 6.39 0.00 N | 174.71 4.57 -136.42 N | 195.83 2.69 -172.57 N | 64.56 4.73 -23.23 N | 60.63 4.56 -20.38 N | 92.88 4.29 -54.44 N | 107.91 4.13 -71.25 N | 175.99 4.31 -138.63 N | 181.50 3.53 -150.14 N | 80.72 3.96 -44.70 N | 103.25 4.32 -64.40 N | 56.47 4.19 -18.39 N | 43.77 4.96 0.00 N | 39.64 4.24 0.00 N | 40.68 3.58 0.00 N | |
| RAVENSWOOD_GT_1 23729 | 36.67 2.33 0.00 N | 35.01 2.18 0.00 N | 35.62 2.24 0.00 N | 34.86 2.21 0.00 N | 36.55 2.23 0.00 N | 38.31 2.01 0.00 N | 38.84 2.69 0.00 N | 42.08 3.67 0.00 N | 46.76 5.13 -0.01 N | 54.08 6.54 0.00 N | 174.80 4.66 -136.42 N | 195.86 2.72 -172.57 N | 64.62 4.80 -23.23 N | 60.70 4.63 -20.38 N | 92.94 4.34 -54.44 N | 107.94 4.15 -71.25 N | 176.02 4.33 -138.63 N | 181.51 3.54 -150.14 N | 80.74 3.98 -44.70 N | 103.25 4.33 -64.40 N | 57.23 4.26 -19.07 N | 46.65 5.04 -2.81 N | 42.94 4.32 -3.22 N | 41.54 3.66 -0.78 N | |
| RAVENSWOOD_GT_10 24258 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.44 2.13 0.00 N | 38.20 1.90 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.53 4.91 0.00 N | 53.83 6.29 0.00 N | 174.64 4.50 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.84 4.06 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.89 -44.70 N | 103.17 4.25 -64.40 N | 56.48 4.11 -18.47 N | 44.00 4.87 -0.32 N | 39.93 4.17 -0.37 N | 40.69 3.51 -0.09 N | |
| RAVENSWOOD_GT_11 24259 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.44 2.13 0.00 N | 38.20 1.90 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.53 4.91 0.00 N | 53.83 6.29 0.00 N | 174.64 4.50 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.84 4.06 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.89 -44.70 N | 103.17 4.25 -64.40 N | 56.48 4.11 -18.47 N | 44.00 4.87 -0.32 N | 39.93 4.17 -0.37 N | 40.69 3.51 -0.09 N | |
| RAVENSWOOD_GT_4 24252 | 36.57 2.23 0.00 N | 34.89 2.06 0.00 N | 35.53 2.15 0.00 N | 34.75 2.10 0.00 N | 36.44 2.12 0.00 N | 38.19 1.89 0.00 N | 38.72 2.57 0.00 N | 41.88 3.46 0.00 N | 46.51 4.89 0.00 N | 53.81 6.28 0.00 N | 174.62 4.49 -136.42 N | 195.79 2.65 -172.57 N | 64.49 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.85 4.06 -71.25 N | 175.93 4.24 -138.63 N | 181.45 3.48 -150.14 N | 80.65 3.90 -44.70 N | 103.19 4.26 -64.40 N | 56.92 4.11 -18.91 N | 45.80 4.86 -2.13 N | 42.01 4.16 -2.45 N | 41.20 3.51 -0.60 N | |
| RAVENSWOOD_GT_5 24254 | 36.57 2.23 0.00 N | 34.89 2.06 0.00 N | 35.53 2.15 0.00 N | 34.75 2.10 0.00 N | 36.44 2.12 0.00 N | 38.19 1.89 0.00 N | 38.72 2.57 0.00 N | 41.88 3.46 0.00 N | 46.51 4.89 0.00 N | 53.81 6.28 0.00 N | 174.62 4.49 -136.42 N | 195.79 2.65 -172.57 N | 64.49 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.85 4.06 -71.25 N | 175.93 4.24 -138.63 N | 181.45 3.48 -150.14 N | 80.65 3.90 -44.70 N | 103.19 4.26 -64.40 N | 56.92 4.11 -18.91 N | 45.80 4.86 -2.13 N | 42.01 4.16 -2.45 N | 41.20 3.51 -0.60 N | |
| RAVENSWOOD_GT_6 24253 | 36.57 2.23 0.00 N | 34.89 2.06 0.00 N | 35.53 2.15 0.00 N | 34.75 2.10 0.00 N | 36.44 2.12 0.00 N | 38.19 1.89 0.00 N | 38.72 2.57 0.00 N | 41.88 3.46 0.00 N | 46.51 4.89 0.00 N | 53.81 6.28 0.00 N | 174.62 4.49 -136.42 N | 195.79 2.65 -172.57 N | 64.49 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.85 4.06 -71.25 N | 175.93 4.24 -138.63 N | 181.45 3.48 -150.14 N | 80.65 3.90 -44.70 N | 103.19 4.26 -64.40 N | 56.92 4.11 -18.91 N | 45.80 4.86 -2.13 N | 42.01 4.16 -2.45 N | 41.20 3.51 -0.60 N | |
| RAVENSWOOD_GT_7 24255 | 36.57 2.23 0.00 N | 34.89 2.06 0.00 N | 35.53 2.15 0.00 N | 34.75 2.10 0.00 N | 36.44 2.12 0.00 N | 38.19 1.89 0.00 N | 38.72 2.57 0.00 N | 41.88 3.46 0.00 N | 46.51 4.89 0.00 N | 53.81 6.28 0.00 N | 174.62 4.49 -136.42 N | 195.79 2.65 -172.57 N | 64.49 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.85 4.06 -71.25 N | 175.93 4.24 -138.63 N | 181.45 3.48 -150.14 N | 80.65 3.90 -44.70 N | 103.19 4.26 -64.40 N | 56.92 4.11 -18.91 N | 45.80 4.86 -2.13 N | 42.01 4.16 -2.45 N | 41.20 3.51 -0.60 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 36.57 2.23 0.00 N | 34.90 2.07 0.00 N | 35.53 2.15 0.00 N | 34.76 2.11 0.00 N | 36.44 2.13 0.00 N | 38.20 1.90 0.00 N | 38.72 2.57 0.00 N | 41.91 3.50 0.00 N | 46.53 4.91 0.00 N | 53.83 6.29 0.00 N | 174.64 4.50 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.84 4.06 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.89 -44.70 N | 103.17 4.25 -64.40 N | 56.48 4.11 -18.47 N | 44.00 4.87 -0.32 N | 39.93 4.17 -0.37 N | 40.69 3.51 -0.09 N | |
| RAVENSWOOD_GT_9 | 36.57 | 34.90 | 35.53 | 34.76 | 36.44 | 38.20 | 38.72 | 41.91 | 46.53 | 53.83 | 174.64 | 195.79 | 64.48 | 60.56 | 92.81 | 107.84 | 175.92 | 181.44 | 80.65 | 103.17 | 56.48 | 44.00 | 39.93 | 40.69 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|
| 24257 | 2.23 0.00 N | 2.07 0.00 N | 2.15 0.00 N | 2.11 0.00 N | 2.13 0.00 N | 1.90 0.00 N | 2.57 0.00 N | 3.50 0.00 N | 4.91 0.00 N | 6.29 0.00 N | 4.50 -136.42 N | 2.65 -172.57 N | 4.66 -23.23 N | 4.48 -20.38 N | 4.22 -54.44 N | 4.06 -71.25 N | 4.23 -138.63 N | 3.47 -150.14 N | 3.89 -44.70 N | 4.25 -64.40 N | 4.11 -18.47 N | 4.87 -0.32 N | 4.17 -0.37 N | 3.51 -0.09 N |
| RAVENSWOOD____1 23533 | 36.62 2.28 0.00 N | 34.97 2.14 0.00 N | 35.58 2.20 0.00 N | 34.82 2.17 0.00 N | 36.50 2.18 0.00 N | 38.26 1.96 0.00 N | 38.79 2.64 0.00 N | 42.02 3.61 0.00 N | 46.69 5.06 -0.01 N | 53.99 6.45 0.00 N | 174.72 4.59 -136.42 N | 195.81 2.68 -172.57 N | 64.54 4.71 -23.23 N | 60.63 4.56 -20.38 N | 92.85 4.26 -54.44 N | 107.87 4.09 -71.25 N | 175.95 4.27 -138.63 N | 181.45 3.48 -150.14 N | 80.68 3.92 -44.70 N | 103.17 4.25 -64.40 N | 55.80 4.18 -17.72 N | 41.03 4.98 2.76 N | 36.48 4.26 3.17 N | 39.92 3.60 0.77 N |
| RAVENSWOOD____2 23534 | 36.57 2.23 0.00 N | 34.92 2.09 0.00 N | 35.54 2.15 0.00 N | 34.77 2.12 0.00 N | 36.44 2.13 0.00 N | 38.21 1.90 0.00 N | 38.73 2.59 0.00 N | 41.96 3.55 0.00 N | 46.63 5.00 -0.01 N | 53.90 6.35 0.00 N | 174.60 4.46 -136.42 N | 195.69 2.55 -172.57 N | 64.29 4.47 -23.23 N | 60.39 4.31 -20.38 N | 92.62 4.03 -54.44 N | 107.65 3.86 -71.25 N | 175.73 4.04 -138.63 N | 181.27 3.30 -150.14 N | 80.49 3.73 -44.70 N | 102.94 4.02 -64.40 N | 56.32 4.03 -18.39 N | 43.72 4.91 0.00 N | 39.61 4.21 0.00 N | 40.64 3.55 0.00 N |
| RAVENSWOOD____3 23535 | 36.57 2.23 0.00 N | 34.91 2.08 0.00 N | 35.54 2.15 0.00 N | 34.76 2.11 0.00 N | 36.45 2.13 0.00 N | 38.20 1.90 0.00 N | 38.73 2.58 0.00 N | 41.91 3.50 0.00 N | 46.54 4.92 0.00 N | 53.84 6.30 0.00 N | 174.64 4.51 -136.42 N | 195.79 2.65 -172.57 N | 64.48 4.66 -23.23 N | 60.56 4.48 -20.38 N | 92.81 4.22 -54.44 N | 107.84 4.06 -71.25 N | 175.92 4.23 -138.63 N | 181.44 3.47 -150.14 N | 80.65 3.90 -44.70 N | 103.17 4.25 -64.40 N | 56.40 4.12 -18.39 N | 43.69 4.88 0.00 N | 39.57 4.17 0.00 N | 40.61 3.51 0.00 N |
| RAVENSWOOD____4 23820 | 36.62 2.28 0.00 N | 34.97 2.14 0.00 N | 35.58 2.20 0.00 N | 34.82 2.17 0.00 N | 36.50 2.18 0.00 N | 38.26 1.96 0.00 N | 38.79 2.64 0.00 N | 42.02 3.61 0.00 N | 46.69 5.06 -0.01 N | 53.99 6.45 0.00 N | 174.72 4.59 -136.42 N | 195.81 2.68 -172.57 N | 64.54 4.71 -23.23 N | 60.63 4.56 -20.38 N | 92.85 4.26 -54.44 N | 107.87 4.09 -71.25 N | 175.95 4.27 -138.63 N | 181.45 3.48 -150.14 N | 80.68 3.92 -44.70 N | 103.17 4.25 -64.40 N | 55.80 4.18 -17.72 N | 41.03 4.98 2.76 N | 36.48 4.26 3.17 N | 39.92 3.60 0.77 N |
| RCPL_TRUST____DRP 24196 | 36.60 2.25 0.00 N | 34.91 2.08 0.00 N | 35.56 2.17 0.00 N | 34.77 2.12 0.00 N | 36.47 2.15 0.00 N | 38.23 1.93 0.00 N | 38.76 2.61 0.00 N | 41.95 3.54 0.00 N | 46.58 4.96 0.00 N | 53.90 6.36 0.00 N | 174.69 4.56 -136.42 N | 195.83 2.69 -172.56 N | 64.55 4.73 -23.23 N | 60.63 4.56 -20.38 N | 92.88 4.29 -54.44 N | 107.92 4.13 -71.25 N | 175.99 4.31 -138.63 N | 181.50 3.53 -150.14 N | 80.71 3.95 -44.70 N | 103.22 4.30 -64.40 N | 56.44 4.15 -18.39 N | 43.71 4.90 0.00 N | 39.59 4.19 0.00 N | 40.63 3.54 0.00 N |
| RENSSELAER____COGEN 23796 | 35.42 1.09 0.00 N | 33.88 1.05 0.00 N | 34.54 1.16 0.00 N | 33.80 1.15 0.00 N | 35.56 1.24 0.00 N | 37.06 0.76 0.00 N | 36.67 0.52 0.00 N | 39.27 0.85 0.00 N | 43.18 1.56 0.00 N | 49.58 2.04 0.00 N | 30.52 1.59 4.78 N | 15.61 1.01 5.97 N | 37.44 1.62 0.77 N | 36.57 1.56 0.68 N | 33.83 1.49 1.81 N | 31.70 1.53 2.37 N | 30.23 1.77 4.60 N | 24.20 1.35 4.98 N | 31.96 1.38 1.48 N | 33.99 1.60 2.14 N | 34.71 1.43 0.61 N | 40.48 1.68 0.00 N | 36.70 1.30 0.00 N | 38.19 1.10 0.00 N |
| REVERE_CPPR_DRP 24186 | 34.95 0.61 0.00 N | 33.40 0.57 0.00 N | 33.97 0.58 0.00 N | 33.21 0.57 0.00 N | 34.96 0.65 0.00 N | 37.06 0.76 0.00 N | 37.21 1.06 0.00 N | 39.72 1.31 0.00 N | 43.47 1.85 0.00 N | 50.12 2.58 0.00 N | 41.04 1.97 -5.36 N | 28.59 1.25 -6.78 N | 39.51 2.01 -0.91 N | 38.37 1.88 -0.80 N | 38.32 2.03 -2.14 N | 37.27 1.94 -2.80 N | 40.41 1.91 -5.44 N | 35.36 1.64 -5.89 N | 35.41 1.59 -1.76 N | 38.87 1.81 -2.53 N | 36.34 1.73 -0.72 N | 40.66 1.85 0.00 N | 36.70 1.31 0.00 N | 38.01 0.91 0.00 N |
| RIVERBAY____ 323610 | 36.57 2.23 0.00 N | 34.95 2.11 0.00 N | 35.49 2.11 0.00 N | 34.76 2.11 0.00 N | 36.43 2.11 0.00 N | 38.20 1.90 0.00 N | 38.68 2.53 0.00 N | 41.96 3.55 0.00 N | 46.60 4.97 -0.01 N | 53.86 6.32 0.00 N | 174.68 4.54 -136.42 N | 190.19 2.72 -166.89 N | 64.62 4.80 -23.23 N | 60.74 4.66 -20.38 N | 92.98 4.39 -54.44 N | 107.96 4.18 -71.24 N | 176.04 4.36 -138.63 N | 181.52 3.56 -150.13 N | 80.74 3.99 -44.69 N | 103.28 4.36 -64.40 N | 56.60 4.32 -18.39 N | 43.85 5.04 0.00 N | 39.74 4.34 0.00 N | 40.78 3.69 0.00 N |
| ROCHESTER_9_IC 23652 | 34.16 -0.18 0.00 N | 32.60 -0.23 0.00 N | 33.13 -0.26 0.00 N | 32.41 -0.24 0.00 N | 34.08 -0.24 0.00 N | 36.03 -0.27 0.00 N | 36.24 0.09 0.00 N | 38.65 0.24 0.00 N | 41.28 -0.34 0.00 N | 47.32 -0.22 0.00 N | 44.56 -0.07 -10.91 N | 34.51 0.09 -13.85 N | 38.52 0.07 -1.87 N | 37.59 0.26 -1.64 N | 38.93 0.40 -4.37 N | 38.52 0.27 -5.72 N | 44.21 0.02 -11.13 N | 39.95 0.06 -12.05 N | 35.70 0.04 -3.59 N | 39.55 -0.15 -5.17 N | 35.34 -0.03 -1.48 N | 38.64 -0.17 0.00 N | 35.47 0.08 0.00 N | 36.33 -0.76 0.00 N |
| ROSETON____1 23587 | 36.12 1.78 0.00 N | 34.47 1.64 0.00 N | 35.10 1.71 0.00 N | 34.32 1.67 0.00 N | 36.02 1.70 0.00 N | 37.76 1.46 0.00 N | 38.12 1.97 0.00 N | 41.09 2.68 0.00 N | 45.57 3.95 0.00 N | 52.59 5.05 0.00 N | 175.72 3.61 -138.39 N | 197.69 2.14 -174.97 N | 63.89 3.77 -23.53 N | 59.97 3.64 -20.64 N | 92.69 3.40 -55.13 N | 107.98 3.30 -72.15 N | 176.91 3.47 -140.39 N | 182.71 2.84 -152.04 N | 80.51 3.18 -45.26 N | 103.26 3.52 -65.21 N | 55.91 3.39 -18.62 N | 42.79 3.98 0.00 N | 38.76 3.36 0.00 N | 39.92 2.83 0.00 N |
| ROSETON____2 23588 | 36.12 1.78 0.00 N | 34.47 1.64 0.00 N | 35.10 1.71 0.00 N | 34.32 1.67 0.00 N | 36.02 1.70 0.00 N | 37.76 1.46 0.00 N | 38.12 1.97 0.00 N | 41.09 2.68 0.00 N | 45.57 3.95 0.00 N | 52.59 5.05 0.00 N | 175.72 3.61 -138.39 N | 197.69 2.14 -174.97 N | 63.89 3.77 -23.53 N | 59.97 3.64 -20.64 N | 92.69 3.40 -55.13 N | 107.98 3.30 -72.15 N | 176.91 3.47 -140.39 N | 182.71 2.84 -152.04 N | 80.51 3.18 -45.26 N | 103.26 3.52 -65.21 N | 55.91 3.39 -18.62 N | 42.79 3.98 0.00 N | 38.76 3.36 0.00 N | 39.92 2.83 0.00 N |
| RUSSELL____1 23602 | 34.42 0.08 0.00 N | 32.82 -0.02 0.00 N | 33.32 -0.06 0.00 N | 32.64 -0.01 0.00 N | 34.36 0.04 0.00 N | 36.44 0.14 0.00 N | 36.80 0.65 0.00 N | 39.49 1.07 0.00 N | 42.25 0.63 0.00 N | 48.42 0.88 -10.83 N | 45.27 0.73 -13.73 N | 34.91 0.60 -1.85 N | 39.48 1.04 -1.62 N | 38.60 1.28 -1.62 N | 39.84 1.35 -4.34 N | 39.40 1.20 -5.67 N | 45.07 0.98 -11.04 N | 40.67 0.88 -11.95 N | 36.49 0.87 -3.56 N | 40.44 0.78 -5.13 N | 36.27 0.91 -1.46 N | 39.54 0.73 0.00 N | 36.19 0.79 0.00 N | 36.96 -0.13 0.00 N |
| RUSSELL____2 23532 | 34.42 0.08 0.00 N | 32.82 -0.02 0.00 N | 33.32 -0.06 0.00 N | 32.64 -0.01 0.00 N | 34.36 0.04 0.00 N | 36.44 0.14 0.00 N | 36.80 0.65 0.00 N | 39.49 1.07 0.00 N | 42.25 0.63 0.00 N | 48.42 0.88 -10.83 N | 45.27 0.73 -13.73 N | 34.91 0.60 -1.85 N | 39.48 1.04 -1.62 N | 38.60 1.28 -1.62 N | 39.84 1.35 -4.34 N | 39.40 1.20 -5.67 N | 45.07 0.98 -11.04 N | 40.67 0.88 -11.95 N | 36.49 0.87 -3.56 N | 40.44 0.78 -5.13 N | 36.27 0.91 -1.46 N | 39.54 0.73 0.00 N | 36.19 0.79 0.00 N | 36.96 -0.13 0.00 N |

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|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| RUSSELL___3 23549 | 34.20 -0.14 0.00 N | 32.63 -0.20 0.00 N | 33.14 -0.24 0.00 N | 32.45 -0.20 0.00 N | 34.13 -0.18 0.00 N | 36.12 -0.18 0.00 N | 36.37 0.22 0.00 N | 38.88 0.46 0.00 N | 41.52 -0.10 0.00 N | 47.54 0.01 0.00 N | 44.69 0.08 0.00 N | 34.59 0.19 -13.83 N | 38.72 0.27 -1.86 N | 37.81 0.48 -1.63 N | 39.10 0.58 -4.37 N | 38.70 0.45 -5.71 N | 44.40 0.22 -11.12 N | 40.12 0.25 -12.04 N | 35.88 0.24 -3.58 N | 39.78 0.09 -5.17 N | 35.61 0.24 -1.48 N | 38.87 0.06 0.00 N | 35.69 0.29 0.00 N | 36.53 -0.56 0.00 N |
| RUSSELL___4 23556 | 34.40 0.06 0.00 N | 32.80 -0.04 0.00 N | 33.31 -0.07 0.00 N | 32.63 -0.02 0.00 N | 34.34 0.02 0.00 N | 36.42 0.12 0.00 N | 36.79 0.64 0.00 N | 39.47 1.06 0.00 N | 42.22 0.60 0.00 N | 48.38 0.84 0.00 N | 45.25 0.70 -10.83 N | 34.89 0.59 -13.73 N | 39.45 1.01 -1.85 N | 38.57 1.25 -1.62 N | 39.82 1.33 -4.34 N | 39.38 1.18 -5.67 N | 45.05 0.95 -11.04 N | 40.64 0.85 -11.95 N | 36.48 0.86 -3.56 N | 40.41 0.76 -5.13 N | 36.25 0.89 -1.46 N | 39.53 0.72 0.00 N | 36.18 0.78 0.00 N | 36.93 -0.16 0.00 N |
| RUSSELL___STATION 23914 | 34.20 -0.14 0.00 N | 32.63 -0.20 0.00 N | 33.14 -0.24 0.00 N | 32.45 -0.20 0.00 N | 34.13 -0.18 0.00 N | 36.12 -0.18 0.00 N | 36.37 0.22 0.00 N | 38.88 0.46 0.00 N | 41.52 -0.10 0.00 N | 47.54 0.01 0.00 N | 44.69 0.08 0.00 N | 34.59 0.19 -13.83 N | 38.72 0.27 -1.86 N | 37.81 0.48 -1.63 N | 39.10 0.58 -4.37 N | 38.70 0.45 -5.71 N | 44.40 0.22 -11.12 N | 40.12 0.25 -12.04 N | 35.88 0.24 -3.58 N | 39.78 0.09 -5.17 N | 35.61 0.24 -1.48 N | 38.87 0.06 0.00 N | 35.69 0.29 0.00 N | 36.53 -0.56 0.00 N |
| S SALMON___HYD 24043 | 33.97 -0.36 0.00 N | 32.43 -0.40 0.00 N | 32.94 -0.45 0.00 N | 32.21 -0.44 0.00 N | 33.88 -0.44 0.00 N | 35.87 -0.43 0.00 N | 35.95 -0.20 0.00 N | 38.23 -0.18 0.00 N | 41.44 -0.18 0.00 N | 47.48 -0.05 0.00 N | 40.66 0.04 -6.91 N | 29.38 0.08 -8.74 N | 37.81 0.04 -1.18 N | 36.73 0.00 -1.03 N | 37.01 0.10 -2.75 N | 36.22 0.08 -3.61 N | 40.12 0.04 -7.01 N | 35.49 0.06 -7.60 N | 34.26 -0.06 -2.26 N | 37.90 0.11 -3.26 N | 34.95 0.12 -0.93 N | 38.88 0.07 0.00 N | 35.32 -0.08 0.00 N | 36.76 -0.33 0.00 N |
| SELKIRK___I 23801 | 35.25 0.91 0.00 N | 33.72 0.88 0.00 N | 34.34 0.96 0.00 N | 33.61 0.97 0.00 N | 35.34 1.02 0.00 N | 36.99 0.69 0.00 N | 36.76 0.61 0.00 N | 39.33 0.92 0.00 N | 43.23 1.61 0.00 N | 49.65 2.11 0.00 N | 26.50 1.57 8.78 N | 10.50 0.95 11.02 N | 36.74 1.61 1.45 N | 35.95 1.53 1.27 N | 32.19 1.43 3.40 N | 29.53 1.43 4.44 N | 26.02 1.60 8.64 N | 19.75 1.28 9.36 N | 30.61 1.33 2.78 N | 32.04 1.52 4.01 N | 34.16 1.41 1.15 N | 40.49 1.69 0.00 N | 36.75 1.35 0.00 N | 38.20 1.11 0.00 N |
| SELKIRK___II 23799 | 35.31 0.97 0.00 N | 33.76 0.93 0.00 N | 34.40 1.02 0.00 N | 33.67 1.02 0.00 N | 35.39 1.08 0.00 N | 37.00 0.70 0.00 N | 36.76 0.61 0.00 N | 39.30 0.88 0.00 N | 43.09 1.47 0.00 N | 49.37 1.83 0.00 N | 24.88 1.39 10.23 N | 8.55 0.86 12.89 N | 36.31 1.44 1.72 N | 35.60 1.41 1.50 N | 31.43 1.30 4.02 N | 28.59 1.32 5.25 N | 24.34 1.51 10.22 N | 17.92 1.17 11.07 N | 30.01 1.25 3.30 N | 31.21 1.43 4.75 N | 33.86 1.32 1.36 N | 40.42 1.61 0.00 N | 36.78 1.38 0.00 N | 38.34 1.25 0.00 N |
| SENECA OSWGO___HYD 24041 | 33.88 -0.46 0.00 N | 32.36 -0.47 0.00 N | 32.87 -0.51 0.00 N | 32.18 -0.47 0.00 N | 33.83 -0.49 0.00 N | 35.71 -0.59 0.00 N | 35.70 -0.45 0.00 N | 37.93 -0.48 0.00 N | 41.12 -0.50 0.00 N | 47.21 -0.32 0.00 N | 41.08 -0.20 -7.57 N | 30.05 -0.09 -9.58 N | 37.66 -0.21 -1.29 N | 36.58 -0.24 -1.13 N | 37.07 -0.10 -3.02 N | 36.39 -0.09 -3.95 N | 40.61 -0.14 -7.69 N | 36.05 -0.10 -8.32 N | 34.24 -0.29 -2.48 N | 37.81 -0.28 -3.57 N | 34.64 -0.27 -1.02 N | 38.48 -0.33 0.00 N | 35.07 -0.33 0.00 N | 36.54 -0.56 0.00 N |
| SENECA___ENERGY 23797 | 34.01 -0.33 0.00 N | 32.47 -0.36 0.00 N | 33.05 -0.33 0.00 N | 32.33 -0.32 0.00 N | 34.01 -0.31 0.00 N | 35.91 -0.39 0.00 N | 36.09 -0.06 0.00 N | 38.54 0.13 0.00 N | 41.58 -0.04 0.00 N | 47.80 0.26 0.00 N | 45.74 0.24 -11.79 N | 35.72 0.23 -14.91 N | 38.89 0.29 -2.01 N | 37.81 0.35 -1.76 N | 39.35 0.49 -4.70 N | 39.15 0.46 -6.15 N | 45.34 0.31 -11.98 N | 41.08 0.28 -12.97 N | 36.12 0.20 -3.86 N | 40.29 0.20 -5.56 N | 35.69 0.21 -1.59 N | 39.00 0.19 0.00 N | 35.54 0.15 0.00 N | 36.59 -0.50 0.00 N |
| SHOEMAKER___GT 23640 | 36.09 1.75 0.00 N | 34.44 1.61 0.00 N | 35.06 1.67 0.00 N | 34.27 1.62 0.00 N | 35.96 1.65 0.00 N | 37.76 1.46 0.00 N | 38.17 2.01 0.00 N | 41.05 2.64 0.00 N | 45.66 4.04 0.00 N | 52.73 5.20 -125.52 N | 162.97 3.74 -158.95 N | 181.76 2.24 -21.45 N | 61.96 3.92 -21.45 N | 58.29 3.77 -18.82 N | 88.09 3.65 -50.29 N | 101.93 3.56 -65.84 N | 164.87 3.72 -128.10 N | 169.62 3.06 -138.73 N | 76.69 3.33 -41.30 N | 97.74 3.70 -59.50 N | 54.44 3.55 -16.99 N | 42.96 4.15 0.00 N | 38.85 3.45 0.00 N | 39.95 2.85 0.00 N |
| SHOREHAM_IC_1 23715 | 36.19 1.84 0.00 N | 34.97 2.14 0.00 N | 56.23 2.95 -19.90 N | 35.82 3.18 0.00 N | 37.37 3.05 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.58 3.61 -0.56 N | 48.11 5.37 -1.12 N | 54.23 6.67 -0.03 N | 175.11 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.56 4.73 -23.24 N | 61.16 4.87 -20.60 N | 93.34 4.68 -54.51 N | 108.32 4.52 -71.27 N | 176.42 4.71 -138.66 N | 181.90 3.90 -150.17 N | 81.02 4.25 -44.71 N | 103.55 4.61 -64.41 N | 73.11 4.47 -34.75 N | 46.24 5.34 -2.09 N | 40.60 4.46 -0.74 N | 40.94 3.79 -0.06 N |
| SHOREHAM_IC_2 23716 | 36.19 1.84 0.00 N | 34.97 2.14 0.00 N | 56.23 2.95 -19.90 N | 35.82 3.18 0.00 N | 37.37 3.05 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.58 3.61 -0.56 N | 48.11 5.37 -1.12 N | 54.23 6.67 -0.03 N | 175.11 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.56 4.73 -23.24 N | 61.16 4.87 -20.60 N | 93.34 4.68 -54.51 N | 108.32 4.52 -71.27 N | 176.42 4.71 -138.66 N | 181.90 3.90 -150.17 N | 81.02 4.25 -44.71 N | 103.55 4.61 -64.41 N | 73.11 4.47 -34.75 N | 46.24 5.34 -2.09 N | 40.60 4.46 -0.74 N | 40.94 3.79 -0.06 N |
| SISSONVILLE___ 23735 | 32.97 -1.38 0.00 N | 31.72 -1.12 0.00 N | 31.98 -1.41 0.00 N | 31.33 -1.32 0.00 N | 32.88 -1.44 0.00 N | 35.18 -1.12 0.00 N | 34.96 -1.19 0.00 N | 36.72 -1.70 0.00 N | 39.85 -1.77 0.00 N | 44.70 -2.83 0.00 N | 32.07 -1.64 0.00 N | 19.51 -1.06 0.00 N | 34.71 -1.87 0.00 N | 33.53 -2.17 0.00 N | 31.95 -2.20 0.00 N | 30.37 -2.16 0.00 N | 30.85 -2.20 0.00 N | 26.09 -1.74 0.00 N | 30.23 -1.83 0.00 N | 32.43 -2.09 0.00 N | 31.92 -1.97 0.00 N | 36.98 -1.83 0.00 N | 33.20 -2.20 0.00 N | 35.79 -1.31 0.00 N |
| SITHE_IND_GS1 24169 | 33.54 -0.80 0.00 N | 32.05 -0.78 0.00 N | 32.58 -0.80 0.00 N | 31.87 -0.78 0.00 N | 33.49 -0.83 0.00 N | 35.33 -0.97 0.00 N | 35.19 -0.96 0.00 N | 37.41 -1.01 0.00 N | 40.49 -1.13 0.00 N | 46.33 -1.21 0.00 N | 38.95 -0.83 -6.06 N | 27.78 -0.46 -7.67 N | 36.77 -0.85 -1.03 N | 35.80 -0.80 -0.91 N | 35.83 -0.74 -2.42 N | 34.99 -0.70 -3.16 N | 38.45 -0.76 -6.15 N | 33.86 -0.63 -6.67 N | 33.28 -0.77 -1.99 N | 36.55 -0.84 -2.86 N | 33.90 -0.81 -0.82 N | 37.85 -0.96 0.00 N | 34.61 -0.79 0.00 N | 36.18 -0.91 0.00 N |
| SITHE_IND_GS2 24170 | 33.54 -0.80 0.00 N | 32.05 -0.78 0.00 N | 32.58 -0.80 0.00 N | 31.87 -0.78 0.00 N | 33.49 -0.83 0.00 N | 35.33 -0.97 0.00 N | 35.19 -0.96 0.00 N | 37.41 -1.01 0.00 N | 40.49 -1.13 0.00 N | 46.33 -1.21 0.00 N | 38.95 -0.83 -6.06 N | 27.78 -0.46 -7.67 N | 36.77 -0.85 -1.03 N | 35.80 -0.80 -0.91 N | 35.83 -0.74 -2.42 N | 34.99 -0.70 -3.16 N | 38.45 -0.76 -6.15 N | 33.86 -0.63 -6.67 N | 33.28 -0.77 -1.99 N | 36.55 -0.84 -2.86 N | 33.90 -0.81 -0.82 N | 37.85 -0.96 0.00 N | 34.61 -0.79 0.00 N | 36.18 -0.91 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| SITHE_IND_GS3 24171 | 33.54 -0.80 0.00 N | 32.05 -0.78 0.00 N | 32.58 -0.80 0.00 N | 31.87 -0.78 0.00 N | 33.49 -0.83 0.00 N | 35.33 -0.97 0.00 N | 35.19 -0.96 0.00 N | 37.41 -1.01 0.00 N | 40.49 -1.13 0.00 N | 46.33 -1.21 0.00 N | 38.95 -0.83 -6.06 N | 27.78 -0.46 -7.67 N | 36.77 -0.85 -1.03 N | 35.80 -0.80 -0.91 N | 35.83 -0.74 -2.42 N | 34.99 -0.70 -3.16 N | 38.45 -0.76 -6.15 N | 33.86 -0.63 -6.67 N | 33.28 -0.77 -1.99 N | 36.55 -0.84 -2.86 N | 33.90 -0.81 -0.82 N | 37.85 -0.96 0.00 N | 34.61 -0.79 0.00 N | 36.18 -0.91 0.00 N | | |
| SITHE_IND_GS4 24172 | 33.54 -0.80 0.00 N | 32.05 -0.78 0.00 N | 32.58 -0.80 0.00 N | 31.87 -0.78 0.00 N | 33.49 -0.83 0.00 N | 35.33 -0.97 0.00 N | 35.19 -0.96 0.00 N | 37.41 -1.01 0.00 N | 40.49 -1.13 0.00 N | 46.33 -1.21 0.00 N | 38.95 -0.83 -6.06 N | 27.78 -0.46 -7.67 N | 36.77 -0.85 -1.03 N | 35.80 -0.80 -0.91 N | 35.83 -0.74 -2.42 N | 34.99 -0.70 -3.16 N | 38.45 -0.76 -6.15 N | 33.86 -0.63 -6.67 N | 33.28 -0.77 -1.99 N | 36.55 -0.84 -2.86 N | 33.90 -0.81 -0.82 N | 37.85 -0.96 0.00 N | 34.61 -0.79 0.00 N | 36.18 -0.91 0.00 N | | |
| SITHE__BATAVIA 24024 | 34.19 -0.15 0.00 N | 32.56 -0.28 0.00 N | 33.09 -0.29 0.00 N | 32.36 -0.28 0.00 N | 34.09 -0.22 0.00 N | 36.05 -0.25 0.00 N | 36.19 0.04 0.00 N | 38.79 0.38 0.00 N | 40.73 -0.89 0.00 N | 46.57 -0.97 0.00 N | 46.56 -0.67 -13.51 N | 36.77 -0.12 -16.32 N | 38.39 -0.35 -2.15 N | 37.45 -0.13 -1.88 N | 39.24 0.05 -5.03 N | 38.98 -0.14 -6.58 N | 45.37 -0.49 -12.81 N | 41.38 -0.31 -13.87 N | 35.79 -0.40 -4.13 N | 39.86 -0.62 -5.95 N | 35.18 -0.42 -1.70 N | 38.21 -0.60 0.00 N | 35.43 0.04 0.00 N | 36.03 -1.07 0.00 N | | |
| SITHE__INDEPEND 23800 | 33.54 -0.80 0.00 N | 32.05 -0.78 0.00 N | 32.58 -0.80 0.00 N | 31.87 -0.78 0.00 N | 33.49 -0.83 0.00 N | 35.33 -0.97 0.00 N | 35.19 -0.96 0.00 N | 37.41 -1.01 0.00 N | 40.49 -1.13 0.00 N | 46.33 -1.21 0.00 N | 38.95 -0.83 -6.06 N | 27.78 -0.46 -7.67 N | 36.77 -0.85 -1.03 N | 35.80 -0.80 -0.91 N | 35.83 -0.74 -2.42 N | 34.99 -0.70 -3.16 N | 38.45 -0.76 -6.15 N | 33.86 -0.63 -6.67 N | 33.28 -0.77 -1.99 N | 36.55 -0.84 -2.86 N | 33.90 -0.81 -0.82 N | 37.85 -0.96 0.00 N | 34.61 -0.79 0.00 N | 36.18 -0.91 0.00 N | | |
| SITHE__MASSENA 23902 | 33.95 -0.39 0.00 N | 32.57 -0.26 0.00 N | 32.99 -0.40 0.00 N | 32.26 -0.39 0.00 N | 33.90 -0.42 0.00 N | 36.22 -0.08 0.00 N | 35.88 -0.28 0.00 N | 37.58 -0.83 0.00 N | 40.73 -0.89 0.00 N | 45.87 -1.66 0.00 N | 32.72 -0.99 0.00 N | 19.89 -0.68 0.00 N | 35.40 -1.19 0.00 N | 34.29 -1.40 0.00 N | 32.80 -1.36 0.00 N | 31.17 -1.36 0.00 N | 31.65 -1.40 0.00 N | 26.74 -1.09 0.00 N | 30.94 -1.12 0.00 N | 33.22 -1.31 0.00 N | 32.68 -1.21 0.00 N | 37.75 -1.06 0.00 N | 34.15 -1.25 0.00 N | 36.66 -0.43 0.00 N | | |
| SITHE__OGDNSBRG 24021 | 34.03 -0.31 0.00 N | 32.67 -0.16 0.00 N | 33.03 -0.35 0.00 N | 32.32 -0.32 0.00 N | 33.97 -0.35 0.00 N | 36.40 0.11 0.00 N | 36.15 0.00 0.00 N | 37.79 -0.62 0.00 N | 41.07 -0.55 0.00 N | 46.22 -1.32 0.00 N | 33.06 -0.65 0.00 N | 20.09 -0.48 0.00 N | 35.72 -0.87 0.00 N | 34.46 -1.23 0.00 N | 33.02 -1.13 0.00 N | 31.37 -1.17 0.00 N | 31.86 -1.20 0.00 N | 26.95 -0.88 0.00 N | 31.08 -0.98 0.00 N | 33.40 -1.13 0.00 N | 32.87 -1.02 0.00 N | 38.05 -0.75 0.00 N | 34.19 -1.20 0.00 N | 36.76 -0.33 0.00 N | | |
| SITHE__STERLING 23777 | 34.75 0.41 0.00 N | 33.19 0.36 0.00 N | 33.75 0.37 0.00 N | 33.01 0.36 0.00 N | 34.73 0.41 0.00 N | 36.76 0.46 0.00 N | 36.87 0.72 0.00 N | 39.50 1.09 0.00 N | 43.16 1.54 0.00 N | 49.69 2.15 0.00 N | 41.37 1.64 -6.02 N | 29.23 1.04 -7.62 N | 39.28 1.67 -1.03 N | 38.19 1.59 -0.90 N | 38.25 1.69 -2.40 N | 37.31 1.64 -3.15 N | 40.77 1.60 -6.12 N | 35.83 1.37 -6.63 N | 35.38 1.35 -1.97 N | 38.89 1.52 -2.84 N | 36.17 1.47 -0.81 N | 40.35 1.54 0.00 N | 36.55 1.16 0.00 N | 37.85 0.76 0.00 N | | |
| SOUTH CAIRO__GT 23612 | 37.05 2.71 0.00 N | 35.34 2.51 0.00 N | 36.01 2.62 0.00 N | 35.22 2.57 0.00 N | 37.07 2.76 0.00 N | 38.93 2.63 0.00 N | 39.31 3.16 0.00 N | 42.10 3.68 0.00 N | 46.48 4.86 0.00 N | 53.56 6.02 0.00 N | 127.69 4.39 -89.58 N | 136.06 2.69 -112.80 N | 56.13 4.52 -15.02 N | 53.26 4.39 -13.17 N | 73.58 4.22 -35.20 N | 82.75 4.12 -46.09 N | 127.05 4.31 -89.68 N | 128.49 3.53 -97.13 N | 64.86 3.89 -28.92 N | 80.54 4.35 -41.66 N | 49.95 4.16 -11.90 N | 43.55 4.74 0.00 N | 39.38 3.98 0.00 N | 40.67 3.58 0.00 N | | |
| SOUTH HAMPTN__IC 23720 | 36.71 2.37 0.00 N | 35.39 2.55 0.00 N | 56.61 3.33 -19.90 N | 36.15 3.50 0.00 N | 37.73 3.42 0.00 N | 39.03 2.73 0.00 N | 39.58 3.48 0.05 N | 43.39 4.42 -0.55 N | 49.00 6.27 -1.11 N | 55.34 7.78 -0.03 N | 175.98 5.63 -136.64 N | 196.49 3.32 -172.60 N | 65.64 5.81 -23.24 N | 62.31 6.02 -20.60 N | 94.39 5.73 -54.51 N | 109.33 5.53 -71.27 N | 177.44 5.72 -138.66 N | 182.73 4.73 -150.17 N | 82.02 5.25 -44.71 N | 104.58 5.64 -64.41 N | 74.09 5.45 -34.75 N | 47.16 6.27 -2.08 N | 41.40 5.26 -0.74 N | 41.68 4.53 -0.06 N | | |
| SOUTHOLD__IC 23719 | 38.72 4.38 0.00 N | 37.26 4.43 0.00 N | 58.52 5.24 -19.90 N | 38.04 5.39 0.00 N | 39.79 5.47 0.00 N | 41.37 5.07 0.00 N | 42.21 6.11 0.05 N | 46.01 7.04 -0.55 N | 52.13 9.40 -1.11 N | 59.35 11.79 -0.03 N | 178.97 8.62 -136.64 N | 198.41 5.24 -172.60 N | 69.00 9.17 -23.24 N | 65.52 9.23 -20.60 N | 97.76 9.10 -54.51 N | 112.53 8.73 -71.27 N | 180.68 8.97 -138.66 N | 185.41 7.40 -150.17 N | 84.67 7.90 -44.71 N | 107.48 8.54 -64.41 N | 76.78 8.13 -34.75 N | 50.19 9.30 -2.08 N | 43.64 7.51 -0.74 N | 43.65 6.50 -0.06 N | | |
| ST LAWRENCE____ 23600 | 33.79 -0.55 0.00 N | 32.40 -0.43 0.00 N | 32.84 -0.55 0.00 N | 32.13 -0.52 0.00 N | 33.75 -0.57 0.00 N | 36.05 -0.26 0.00 N | 35.65 -0.50 0.00 N | 37.33 -1.08 0.00 N | 40.45 -1.17 0.00 N | 45.78 -1.76 0.00 N | 32.49 -1.22 0.00 N | 19.76 -0.81 0.00 N | 35.19 -1.40 0.00 N | 34.20 -1.49 0.00 N | 32.79 -1.37 0.00 N | 31.16 -1.38 0.00 N | 31.63 -1.42 0.00 N | 26.73 -1.10 0.00 N | 30.90 -1.17 0.00 N | 33.21 -1.31 0.00 N | 32.68 -1.22 0.00 N | 37.54 -1.27 0.00 N | 34.17 -1.23 0.00 N | 36.49 -0.60 0.00 N | | |
| STATION 5_MISC_HYD 23604 | 33.90 -0.45 0.00 N | 32.04 -0.79 0.00 N | 32.49 -0.89 0.00 N | 31.83 -0.82 0.00 N | 33.51 -0.81 0.00 N | 35.58 -0.72 0.00 N | 36.11 -0.04 0.00 N | 39.05 0.64 0.00 N | 41.68 0.06 0.00 N | 47.73 0.19 0.00 N | 44.83 0.31 -10.81 N | 34.78 0.50 -13.70 N | 39.61 1.18 -1.85 N | 38.84 1.52 -1.62 N | 40.24 1.76 -4.33 N | 39.82 1.63 -5.66 N | 45.58 1.51 -11.01 N | 41.13 1.37 -11.93 N | 36.87 1.26 -3.55 N | 40.81 1.16 -5.12 N | 36.64 1.28 -1.46 N | 39.99 1.18 0.00 N | 36.32 0.92 0.00 N | 36.62 -0.48 0.00 N | | |
| STEEL__WIND 323596 | 33.64 -0.70 0.00 N | 32.03 -0.81 0.00 N | 32.62 -0.77 0.00 N | 31.89 -0.76 0.00 N | 33.58 -0.73 0.00 N | 35.43 -0.87 0.00 N | 35.62 -0.53 0.00 N | 38.20 -0.21 0.00 N | 40.22 -1.41 0.00 N | 46.00 -1.54 0.00 N | 47.46 -1.13 -14.88 N | 38.75 -0.54 -18.73 N | 37.91 -1.20 -2.51 N | 36.98 -0.92 -2.20 N | 39.30 1.76 -5.89 N | 39.33 1.63 -7.71 N | 46.77 -1.28 -14.99 N | 43.11 -0.96 -16.24 N | 35.81 -1.09 -4.83 N | 40.13 -1.36 -6.96 N | 34.66 -1.22 -1.99 N | 37.39 -1.42 0.00 N | 34.80 -0.60 0.00 N | 35.29 -1.81 0.00 N | | |
| STEUBEN_REC_LFGE | 34.69 | 32.94 | 33.58 | 32.77 | 34.59 | 36.59 | 37.06 | 40.24 | 43.13 | 49.75 | 54.78 | 46.22 | 41.54 | 40.47 | 43.63 | 44.25 | 54.08 | 50.31 | 39.89 | 45.19 | 38.00 | 40.35 | 37.02 | 37.51 | | |

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| 323667 | 0.35 0.00 N | 0.11 0.00 N | 0.20 0.00 N | 0.13 0.00 N | 0.27 0.00 N | 0.29 0.00 N | 0.91 0.00 N | 1.82 0.00 N | 1.51 0.00 N | 2.21 0.00 N | 1.61 -19.46 N | 1.06 -24.59 N | 1.64 -3.31 N | 1.87 -2.90 N | 1.73 -7.75 N | 1.58 -10.14 N | 1.30 -19.73 N | 1.12 -21.36 N | 1.47 -6.36 N | 1.50 -9.16 N | 1.49 -2.62 N | 1.54 0.00 N | 1.62 0.00 N | 0.42 0.00 N |
| STONY___BROOK 24151 | 36.74 2.40 0.00 N | 35.31 2.48 0.00 N | 56.37 3.09 -19.90 N | 35.79 3.14 0.00 N | 37.42 3.10 0.00 N | 38.88 2.58 0.00 N | 39.40 3.30 0.05 N | 43.13 4.15 -0.57 N | 48.74 5.97 -1.15 N | 54.93 7.37 -0.03 N | 175.60 5.25 -136.64 N | 196.20 3.02 -172.60 N | 64.81 4.98 -23.24 N | 61.39 5.09 -20.60 N | 93.59 4.93 -54.51 N | 108.55 4.75 -71.27 N | 176.65 4.93 -138.66 N | 182.09 4.09 -150.17 N | 81.20 4.44 -44.71 N | 103.75 4.81 -64.41 N | 73.42 4.78 -34.75 N | 46.78 5.86 -2.11 N | 41.16 5.00 -0.76 N | 41.50 4.35 -0.06 N |
| STURGEON_POOL_HYD 23609 | 36.60 2.26 0.00 N | 34.92 2.09 0.00 N | 35.55 2.16 0.00 N | 34.74 2.09 0.00 N | 36.49 2.17 0.00 N | 38.31 2.01 0.00 N | 38.76 2.61 0.00 N | 41.73 3.31 0.00 N | 46.22 4.60 0.00 N | 53.52 5.98 0.00 N | 164.28 4.36 -126.20 N | 182.38 2.55 -159.26 N | 62.19 4.29 -21.31 N | 58.44 4.05 -18.70 N | 88.05 3.92 -49.97 N | 101.74 3.78 -65.43 N | 164.24 3.88 -127.31 N | 169.00 3.30 -137.87 N | 76.77 3.66 -41.05 N | 97.75 4.09 -59.14 N | 54.76 3.97 -16.89 N | 43.45 4.64 0.00 N | 39.31 3.92 0.00 N | 40.37 3.27 0.00 N |
| SYRACUSE___ENERGY_ST1 323597 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N |
| SYRACUSE___ENERGY_ST2 323598 | 34.22 -0.12 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.18 -0.14 0.00 N | 36.13 -0.17 0.00 N | 36.11 -0.04 0.00 N | 38.41 0.00 0.00 N | 41.65 0.03 0.00 N | 47.80 0.26 0.00 N | 43.34 0.23 -9.39 N | 32.64 0.19 -11.88 N | 38.47 0.28 -1.60 N | 37.39 0.30 -1.40 N | 38.28 0.38 -3.75 N | 37.79 0.36 -4.90 N | 42.91 0.31 -9.54 N | 38.43 0.27 -10.33 N | 35.33 0.19 -3.08 N | 39.18 0.22 -4.43 N | 35.39 0.23 -1.27 N | 39.01 0.20 0.00 N | 35.53 0.14 0.00 N | 36.95 -0.14 0.00 N |
| SYRACUSE___POWER 24017 | 34.25 -0.09 0.00 N | 32.71 -0.13 0.00 N | 33.26 -0.12 0.00 N | 32.52 -0.13 0.00 N | 34.17 -0.14 0.00 N | 36.10 -0.20 0.00 N | 36.10 -0.05 0.00 N | 38.52 0.11 0.00 N | 41.80 0.18 0.00 N | 48.00 0.46 0.00 N | 43.65 0.38 -9.55 N | 32.95 0.30 -12.08 N | 38.68 0.46 -1.63 N | 37.61 0.49 -1.43 N | 38.51 0.55 -3.81 N | 38.05 0.53 -4.99 N | 43.25 0.49 -9.70 N | 38.75 0.42 -10.50 N | 35.56 0.38 -3.13 N | 39.45 0.42 -4.50 N | 35.60 0.41 -1.29 N | 39.19 0.38 0.00 N | 35.71 0.31 0.00 N | 37.11 0.01 0.00 N |
| UNION___PROCESSING_DRP 323587 | 33.90 -0.44 0.00 N | 32.34 -0.49 0.00 N | 32.86 -0.52 0.00 N | 32.16 -0.49 0.00 N | 33.82 -0.50 0.00 N | 35.74 -0.55 0.00 N | 35.90 -0.25 0.00 N | 38.33 -0.08 0.00 N | 40.89 -0.73 0.00 N | 46.78 -0.76 0.00 N | 44.22 -0.48 -10.99 N | 34.33 -0.19 -13.95 N | 38.07 -0.40 -1.88 N | 37.14 -0.20 -1.65 N | 38.47 -0.09 -4.40 N | 38.10 -0.19 -5.77 N | 43.83 -0.44 -11.22 N | 39.67 -0.30 -12.15 N | 35.32 -0.36 -3.62 N | 39.19 -0.55 -5.21 N | 34.99 -0.39 -1.49 N | 38.22 -0.59 0.00 N | 35.17 -0.23 0.00 N | 36.09 -1.01 0.00 N |
| UPPER HUDSON___HYD 24058 | 33.62 -0.72 0.00 N | 32.09 -0.74 0.00 N | 32.57 -0.81 0.00 N | 31.88 -0.77 0.00 N | 33.63 -0.69 0.00 N | 35.21 -1.09 0.00 N | 35.50 -0.65 0.00 N | 38.19 -0.22 0.00 N | 42.38 0.76 0.00 N | 48.81 1.28 0.00 N | 34.74 1.02 0.00 N | 21.09 0.52 0.00 N | 37.53 0.94 0.00 N | 36.58 0.88 0.00 N | 34.87 0.72 0.00 N | 33.36 0.82 0.00 N | 34.11 1.06 0.00 N | 28.60 0.77 0.00 N | 32.74 0.68 0.00 N | 35.48 0.96 0.00 N | 34.81 0.92 0.00 N | 39.74 0.93 0.00 N | 35.69 0.30 0.00 N | 36.95 -0.15 0.00 N |
| UPPER RAQUET___HYD 24056 | 32.97 -1.38 0.00 N | 31.72 -1.12 0.00 N | 31.98 -1.41 0.00 N | 31.33 -1.32 0.00 N | 32.88 -1.44 0.00 N | 35.18 -1.12 0.00 N | 34.96 -1.19 0.00 N | 36.72 -1.70 0.00 N | 39.85 -1.77 0.00 N | 44.70 -2.83 0.00 N | 32.07 -1.64 0.00 N | 19.51 -1.06 0.00 N | 34.71 -1.87 0.00 N | 33.53 -2.17 0.00 N | 31.95 -2.20 0.00 N | 30.37 -2.16 0.00 N | 30.85 -2.20 0.00 N | 26.09 -1.74 0.00 N | 30.23 -1.83 0.00 N | 32.43 -2.09 0.00 N | 31.92 -1.97 0.00 N | 36.98 -1.83 0.00 N | 33.20 -2.20 0.00 N | 35.79 -1.31 0.00 N |
| VISCHER___FERRY HYD 24020 | 35.47 1.13 0.00 N | 33.88 1.04 0.00 N | 34.52 1.14 0.00 N | 33.80 1.15 0.00 N | 35.60 1.29 0.00 N | 37.17 0.88 0.00 N | 37.11 0.96 0.00 N | 39.87 1.46 0.00 N | 43.87 2.25 0.00 N | 50.33 2.80 0.00 N | 35.79 2.08 0.00 N | 21.84 1.27 0.00 N | 38.76 2.18 0.00 N | 37.81 2.12 0.00 N | 36.10 1.94 0.00 N | 34.51 1.97 0.00 N | 35.29 2.24 0.00 N | 29.59 1.76 0.00 N | 33.93 1.87 0.00 N | 36.70 2.18 0.00 N | 35.93 2.03 0.00 N | 41.10 2.29 0.00 N | 37.19 1.79 0.00 N | 38.61 1.52 0.00 N |
| WADING RIVER_IC_1 23522 | 36.15 1.81 0.00 N | 34.98 2.14 0.00 N | 56.27 2.98 -19.90 N | 35.88 3.24 0.00 N | 37.41 3.09 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.51 3.55 -0.55 N | 48.08 5.36 -1.10 N | 54.24 6.68 -0.03 N | 175.12 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.55 4.72 -23.24 N | 61.13 4.84 -20.60 N | 93.34 4.68 -54.50 N | 108.31 4.51 -71.27 N | 176.42 4.70 -138.66 N | 181.89 3.89 -150.17 N | 80.97 4.20 -44.71 N | 103.50 4.56 -64.41 N | 73.07 4.42 -34.75 N | 46.18 5.29 -2.07 N | 40.54 4.41 -0.73 N | 40.89 3.74 -0.06 N |
| WADING RIVER_IC_2 23547 | 36.15 1.81 0.00 N | 34.98 2.14 0.00 N | 56.27 2.98 -19.90 N | 35.88 3.24 0.00 N | 37.41 3.09 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.51 3.55 -0.55 N | 48.08 5.36 -1.10 N | 54.24 6.68 -0.03 N | 175.12 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.55 4.72 -23.24 N | 61.13 4.84 -20.60 N | 93.34 4.68 -54.50 N | 108.31 4.51 -71.27 N | 176.42 4.70 -138.66 N | 181.89 3.89 -150.17 N | 80.97 4.20 -44.71 N | 103.50 4.56 -64.41 N | 73.07 4.42 -34.75 N | 46.18 5.29 -2.07 N | 40.54 4.41 -0.73 N | 40.89 3.74 -0.06 N |
| WADING RIVER_IC_3 23601 | 36.15 1.81 0.00 N | 34.98 2.14 0.00 N | 56.27 2.98 -19.90 N | 35.88 3.24 0.00 N | 37.41 3.09 0.00 N | 38.56 2.25 0.00 N | 39.04 2.94 0.05 N | 42.51 3.55 -0.55 N | 48.08 5.36 -1.10 N | 54.24 6.68 -0.03 N | 175.12 4.76 -136.64 N | 195.93 2.76 -172.60 N | 64.55 4.72 -23.24 N | 61.13 4.84 -20.60 N | 93.34 4.68 -54.50 N | 108.31 4.51 -71.27 N | 176.42 4.70 -138.66 N | 181.89 3.89 -150.17 N | 80.97 4.20 -44.71 N | 103.50 4.56 -64.41 N | 73.07 4.42 -34.75 N | 46.18 5.29 -2.07 N | 40.54 4.41 -0.73 N | 40.89 3.74 -0.06 N |
| WALDEN___HYDRO 24148 | 36.08 1.74 0.00 N | 34.32 1.49 0.00 N | 34.89 1.51 0.00 N | 34.08 1.43 0.00 N | 35.71 1.39 0.00 N | 37.40 1.10 0.00 N | 37.83 1.69 0.00 N | 41.13 2.72 0.00 N | 45.81 4.19 0.00 N | 52.97 5.44 0.00 N | 158.50 4.02 -120.76 N | 176.86 2.44 -153.84 N | 61.92 4.26 -21.07 N | 58.26 4.07 -18.49 N | 87.41 3.81 -49.44 N | 101.10 3.76 -64.81 N | 163.08 3.94 -126.09 N | 167.68 3.29 -136.55 N | 76.57 3.85 -40.65 N | 97.38 4.28 -58.57 N | 54.76 4.14 -16.73 N | 43.59 4.78 0.00 N | 39.55 4.15 0.00 N | 40.53 3.43 0.00 N |

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| WARRENSBURG____ 23737 | 33.33 -1.02 0.00 N | 31.77 -1.06 0.00 N | 32.23 -1.15 0.00 N | 31.55 -1.10 0.00 N | 33.27 -1.05 0.00 N | 34.80 -1.50 0.00 N | 35.07 -1.08 0.00 N | 37.79 -0.63 0.00 N | 42.04 0.42 0.00 N | 48.53 0.99 0.00 N | 34.53 0.82 0.00 N | 20.91 0.34 0.00 N | 37.20 0.61 0.00 N | 36.24 0.54 0.00 N | 34.53 0.38 0.00 N | 33.03 0.50 0.00 N | 33.79 0.74 0.00 N | 28.33 0.50 0.00 N | 32.46 0.40 0.00 N | 35.17 0.64 0.00 N | 34.52 0.63 0.00 N | 39.44 0.63 0.00 N | 35.44 0.04 0.00 N | 36.69 -0.41 0.00 N |
| WATERSIDE____6 8 9 23538 | 36.62 2.28 0.00 N | 34.97 2.14 0.00 N | 35.58 2.20 0.00 N | 34.82 2.17 0.00 N | 36.50 2.18 0.00 N | 38.26 1.96 0.00 N | 38.79 2.64 0.00 N | 42.02 3.61 0.00 N | 46.69 5.06 -0.01 N | 53.99 6.45 0.00 N | 174.72 4.59 -136.42 N | 195.81 2.68 -172.57 N | 64.54 4.71 -23.23 N | 60.63 4.56 -20.38 N | 92.85 4.26 -54.44 N | 107.87 4.09 -71.25 N | 175.95 4.27 -138.63 N | 181.45 3.48 -150.14 N | 80.68 3.92 -44.70 N | 103.17 4.25 -64.40 N | 55.80 4.18 -17.72 N | 41.03 4.98 2.76 N | 36.48 4.26 3.17 N | 39.92 3.60 0.77 N |
| WDELAWARE____HYD 323627 | 35.71 1.37 0.00 N | 34.03 1.20 0.00 N | 34.60 1.22 0.00 N | 33.83 1.18 0.00 N | 35.47 1.16 0.00 N | 37.31 1.01 0.00 N | 37.65 1.50 0.00 N | 40.32 1.90 0.00 N | 45.28 3.66 0.00 N | 52.42 4.89 0.00 N | 159.55 3.56 -122.28 N | 178.12 2.07 -155.47 N | 61.20 3.42 -21.20 N | 57.36 3.07 -18.59 N | 87.09 3.23 -49.71 N | 100.78 3.13 -65.12 N | 163.05 3.30 -126.69 N | 167.85 3.48 -137.21 N | 75.73 2.81 -40.85 N | 96.56 3.18 -58.85 N | 53.87 3.16 -16.81 N | 42.83 4.02 0.00 N | 38.53 3.13 0.00 N | 39.36 2.27 0.00 N |
| WEST BABYLON____IC 23714 | 37.17 2.83 0.00 N | 35.58 2.74 0.00 N | 56.49 3.21 -19.90 N | 35.80 3.15 0.00 N | 37.49 3.17 0.00 N | 39.15 2.84 0.00 N | 39.76 3.63 0.02 N | 44.33 4.68 -1.24 N | 50.60 6.49 -2.48 N | 55.56 7.97 -0.06 N | 176.08 5.67 -136.70 N | 196.45 3.27 -172.60 N | 65.47 5.64 -23.24 N | 62.07 5.67 -20.71 N | 94.20 5.48 -54.57 N | 109.06 5.25 -71.27 N | 177.18 4.56 -138.66 N | 182.56 4.56 -150.17 N | 81.73 4.97 -44.71 N | 104.30 5.36 -64.41 N | 73.84 5.19 -34.75 N | 48.40 6.29 -3.30 N | 42.48 5.44 -1.65 N | 42.07 4.83 -0.14 N |
| WEST CANADA____HYD 24049 | 34.41 0.07 0.00 N | 32.93 0.09 0.00 N | 33.48 0.10 0.00 N | 32.72 0.08 0.00 N | 34.44 0.13 0.00 N | 36.37 0.07 0.00 N | 36.25 0.10 0.00 N | 38.61 0.20 0.00 N | 41.93 0.31 0.00 N | 47.92 0.38 0.00 N | 34.02 0.30 0.00 N | 20.76 0.18 0.00 N | 36.91 0.32 0.00 N | 35.99 0.30 0.00 N | 34.46 0.31 0.00 N | 32.83 0.29 0.00 N | 33.38 0.33 0.00 N | 28.08 0.25 0.00 N | 32.30 0.24 0.00 N | 34.80 0.27 0.00 N | 34.13 0.24 0.00 N | 39.09 0.28 0.00 N | 35.61 0.21 0.00 N | 37.20 0.11 0.00 N |
| WESTERN_NY_WIND 24143 | 34.18 -0.16 0.00 N | 32.54 -0.30 0.00 N | 33.08 -0.31 0.00 N | 32.35 -0.30 0.00 N | 34.08 -0.24 0.00 N | 36.03 -0.27 0.00 N | 36.19 0.04 0.00 N | 38.79 0.38 0.00 N | 40.73 -0.89 0.00 N | 46.57 -0.97 0.00 N | 46.56 -0.67 -13.51 N | 36.89 -0.13 -16.45 N | 38.37 -0.39 -2.17 N | 37.43 -0.16 -1.91 N | 39.26 0.02 -5.09 N | 39.01 -0.18 -6.66 N | 45.48 -0.54 -12.96 N | 41.52 -0.35 -14.04 N | 35.80 -0.44 -4.18 N | 39.89 -0.66 -6.02 N | 35.16 -0.45 -1.72 N | 38.17 -0.64 0.00 N | 35.41 0.02 0.00 N | 35.99 -1.10 0.00 N |
| WESTOVER____LESR 323668 | 34.64 0.29 0.00 N | 33.02 0.19 0.00 N | 33.67 0.29 0.00 N | 32.89 0.24 0.00 N | 34.59 0.28 0.00 N | 36.45 0.15 0.00 N | 36.65 0.50 0.00 N | 39.39 0.98 0.00 N | 42.88 1.26 0.00 N | 49.40 1.86 0.00 N | 66.34 1.36 -31.27 N | 60.97 0.87 -39.53 N | 43.29 1.39 -5.32 N | 41.80 1.44 -4.66 N | 48.05 1.44 -12.46 N | 50.23 1.40 -16.30 N | 66.11 1.33 -31.72 N | 63.28 1.10 -34.35 N | 43.49 1.20 -10.23 N | 50.60 1.34 -14.73 N | 39.32 1.22 -4.21 N | 40.26 1.45 0.00 N | 36.74 1.34 0.00 N | 37.80 0.70 0.00 N |
| WETHRSFD_WT_PWR 323626 | 33.70 -0.63 0.00 N | 32.08 -0.75 0.00 N | 32.71 -0.67 0.00 N | 31.95 -0.69 0.00 N | 33.70 -0.62 0.00 N | 35.59 -0.71 0.00 N | 35.85 -0.30 0.00 N | 38.61 0.20 0.00 N | 41.01 -0.61 0.00 N | 47.05 -0.49 0.00 N | 49.95 -0.37 -16.60 N | 41.39 -0.11 -20.93 N | 38.97 -0.43 -2.81 N | 37.98 -0.19 -2.47 N | 40.64 -0.10 -6.59 N | 40.91 -0.24 -8.62 N | 49.25 -0.58 -16.77 N | 45.58 -0.42 -18.17 N | 37.02 -0.45 -5.41 N | 41.68 -0.64 -7.79 N | 35.51 -0.61 -2.22 N | 38.07 -0.74 0.00 N | 35.22 -0.18 0.00 N | 35.72 -1.37 0.00 N |
| YORK____WARBASSE 23770 | 36.73 2.38 0.00 N | 35.06 2.23 0.00 N | 35.67 2.29 0.00 N | 34.89 2.25 0.00 N | 36.57 2.25 0.00 N | 38.33 2.03 0.00 N | 38.90 2.75 0.00 N | 42.20 3.79 0.00 N | 46.84 5.21 -0.01 N | 54.15 6.61 0.00 N | 174.86 4.72 -136.42 N | 195.90 2.76 -172.57 N | 64.67 4.85 -23.23 N | 60.79 4.71 -20.38 N | 93.03 4.43 -54.44 N | 108.02 4.24 -71.25 N | 176.14 4.45 -138.63 N | 181.60 3.64 -150.14 N | 80.86 4.11 -44.70 N | 103.38 4.46 -64.40 N | 59.37 4.40 -21.08 N | 55.03 5.18 -11.04 N | 52.54 4.45 -12.69 N | 44.00 3.82 -3.09 N |