

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

Generator Data

10/21/2004

| 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 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| 74TH STREET_GT_1 24260 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| 74TH STREET_GT_2 24261 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| ADK HUDSON___FALLS 24011 | 61.64 4.34 0.00 N | 44.57 3.14 -2.81 N | 33.27 2.23 0.00 N | 36.17 2.32 0.00 N | 40.77 2.86 0.00 N | 42.64 2.81 -3.63 N | 70.14 2.12 -43.20 N | 70.61 5.12 -11.52 N | 64.66 4.91 -10.35 N | 66.32 5.70 0.00 N | 61.35 4.92 0.00 N | 69.45 4.93 -14.44 N | 67.71 5.30 -11.57 N | 73.47 4.62 -20.08 N | 75.92 3.69 -32.51 N | 69.24 5.14 -1.48 N | 66.91 4.11 -10.90 N | 59.96 4.31 -1.01 N | 78.23 6.05 0.00 N | 73.21 5.11 0.00 N | 59.06 4.94 -0.96 N | 46.22 3.85 -1.89 N | 59.15 2.92 -23.41 N | 33.81 2.48 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 61.64 4.34 0.00 N | 44.57 3.14 -2.81 N | 33.27 2.23 0.00 N | 36.17 2.32 0.00 N | 40.77 2.86 0.00 N | 42.64 2.81 -3.63 N | 70.14 2.12 -43.20 N | 70.61 5.12 -11.52 N | 64.66 4.91 -10.35 N | 66.32 5.70 0.00 N | 61.35 4.92 0.00 N | 69.45 4.93 -14.44 N | 67.71 5.30 -11.57 N | 73.47 4.62 -20.08 N | 75.92 3.69 -32.51 N | 69.24 5.14 -1.48 N | 66.91 4.11 -10.90 N | 59.96 4.31 -1.01 N | 78.23 6.05 0.00 N | 73.21 5.11 0.00 N | 59.06 4.94 -0.96 N | 46.22 3.85 -1.89 N | 59.15 2.92 -23.41 N | 33.81 2.48 0.00 N |
| ADK S GLENS___FALLS 24028 | 61.64 4.34 0.00 N | 44.57 3.14 -2.81 N | 33.27 2.23 0.00 N | 36.17 2.32 0.00 N | 40.77 2.86 0.00 N | 42.64 2.81 -3.63 N | 70.14 2.12 -43.20 N | 70.61 5.12 -11.52 N | 64.66 4.91 -10.35 N | 66.32 5.70 0.00 N | 61.35 4.92 0.00 N | 69.45 4.93 -14.44 N | 67.71 5.30 -11.57 N | 73.47 4.62 -20.08 N | 75.92 3.69 -32.51 N | 69.24 5.14 -1.48 N | 66.91 4.11 -10.90 N | 59.96 4.31 -1.01 N | 78.23 6.05 0.00 N | 73.21 5.11 0.00 N | 59.06 4.94 -0.96 N | 46.22 3.85 -1.89 N | 59.15 2.92 -23.41 N | 33.81 2.48 0.00 N |
| ADK_NYS___DAM 23527 | 61.06 3.76 0.00 N | 44.46 3.08 -2.76 N | 33.60 2.56 0.00 N | 36.26 2.41 0.00 N | 40.79 2.88 0.00 N | 42.30 2.53 -3.57 N | 68.99 1.72 -42.45 N | 69.11 3.81 -11.34 N | 63.67 4.10 -10.17 N | 65.85 5.22 0.00 N | 61.09 4.66 0.00 N | 68.91 4.70 -14.14 N | 66.85 4.68 -11.33 N | 72.87 4.45 -19.66 N | 75.25 3.70 -31.83 N | 69.57 5.50 -1.45 N | 67.35 4.75 -10.70 N | 60.25 4.62 -0.99 N | 77.91 5.73 0.00 N | 73.78 5.67 0.00 N | 58.89 4.78 -0.95 N | 46.16 3.82 -1.86 N | 58.61 2.77 -23.02 N | 33.61 2.27 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 61.00 3.71 0.00 N | 44.10 2.73 -2.75 N | 33.18 2.14 0.00 N | 36.09 2.24 0.00 N | 40.47 2.56 0.00 N | 42.10 2.36 -3.55 N | 68.83 1.77 -42.23 N | 69.29 4.08 -11.24 N | 63.35 3.81 -10.13 N | 65.20 4.58 0.00 N | 60.63 4.20 0.00 N | 68.12 4.00 -14.04 N | 66.22 4.13 -11.25 N | 72.27 3.98 -19.52 N | 74.60 3.27 -31.61 N | 69.00 4.94 -1.44 N | 66.85 4.30 -10.66 N | 59.97 4.35 -0.99 N | 78.25 6.07 0.00 N | 73.44 5.33 0.00 N | 58.40 4.30 -0.95 N | 45.82 3.48 -1.86 N | 58.31 2.51 -22.98 N | 33.57 2.23 0.00 N |
| ALBANY___1 23571 | 61.05 3.75 0.00 N | 44.14 2.77 -2.75 N | 33.19 2.16 0.00 N | 36.12 2.27 0.00 N | 40.50 2.59 0.00 N | 42.12 2.38 -3.55 N | 68.83 1.78 -42.23 N | 69.32 4.11 -11.24 N | 63.38 3.84 -10.13 N | 65.23 4.61 0.00 N | 60.66 4.23 0.00 N | 68.15 4.03 -14.04 N | 66.26 4.17 -11.25 N | 72.30 4.01 -19.52 N | 74.62 3.30 -31.61 N | 69.04 4.98 -1.44 N | 66.88 4.32 -10.66 N | 60.00 4.37 -0.99 N | 78.28 6.10 0.00 N | 73.46 5.36 0.00 N | 58.43 4.32 -0.95 N | 45.84 3.50 -1.86 N | 58.33 2.53 -22.98 N | 33.59 2.25 0.00 N |
| ALBANY___2 23572 | 61.05 3.75 0.00 N | 44.14 2.77 -2.75 N | 33.19 2.16 0.00 N | 36.12 2.27 0.00 N | 40.50 2.59 0.00 N | 42.12 2.38 -3.55 N | 68.83 1.78 -42.23 N | 69.32 4.11 -11.24 N | 63.38 3.84 -10.13 N | 65.23 4.61 0.00 N | 60.66 4.23 0.00 N | 68.15 4.03 -14.04 N | 66.26 4.17 -11.25 N | 72.30 4.01 -19.52 N | 74.62 3.30 -31.61 N | 69.04 4.98 -1.44 N | 66.88 4.32 -10.66 N | 60.00 4.37 -0.99 N | 78.28 6.10 0.00 N | 73.46 5.36 0.00 N | 58.43 4.32 -0.95 N | 45.84 3.50 -1.86 N | 58.33 2.53 -22.98 N | 33.59 2.25 0.00 N |

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| ALBANY___3 23573 | 61.05 3.75 0.00 N | 44.14 2.77 -2.75 N | 33.19 2.16 0.00 N | 36.12 2.27 0.00 N | 40.50 2.59 0.00 N | 42.12 2.38 -3.55 N | 68.83 1.78 -42.23 N | 69.32 4.11 -11.24 N | 63.38 3.84 -10.13 N | 65.23 4.61 0.00 N | 60.66 4.23 0.00 N | 68.15 4.03 -14.04 N | 66.26 4.17 -11.25 N | 72.30 4.01 -19.52 N | 74.62 3.30 -31.61 N | 69.04 4.98 -1.44 N | 66.88 4.32 -10.66 N | 60.00 4.37 -0.99 N | 78.28 6.10 0.00 N | 73.46 5.36 0.00 N | 58.43 4.32 -0.95 N | 45.84 3.50 -1.86 N | 58.33 2.53 -22.98 N | 33.59 2.25 0.00 N |
| ALBANY___4 23574 | 61.05 3.75 0.00 N | 44.14 2.77 -2.75 N | 33.19 2.16 0.00 N | 36.12 2.27 0.00 N | 40.50 2.59 0.00 N | 42.12 2.38 -3.55 N | 68.83 1.78 -42.23 N | 69.32 4.11 -11.24 N | 63.38 3.84 -10.13 N | 65.23 4.61 0.00 N | 60.66 4.23 0.00 N | 68.15 4.03 -14.04 N | 66.26 4.17 -11.25 N | 72.30 4.01 -19.52 N | 74.62 3.30 -31.61 N | 69.04 4.98 -1.44 N | 66.88 4.32 -10.66 N | 60.00 4.37 -0.99 N | 78.28 6.10 0.00 N | 73.46 5.36 0.00 N | 58.43 4.32 -0.95 N | 45.84 3.50 -1.86 N | 58.33 2.53 -22.98 N | 33.59 2.25 0.00 N |
| ALCOA_RYNLDS___DRP 24188 | 57.06 -0.24 0.00 N | 38.30 -0.20 0.11 N | 30.82 -0.21 0.00 N | 33.68 -0.17 0.00 N | 37.73 -0.18 0.00 N | 35.84 -0.20 0.15 N | 22.80 -0.25 1.78 N | 52.77 -0.72 0.48 N | 48.30 -0.69 0.42 N | 59.96 -0.66 0.00 N | 55.83 -0.60 0.00 N | 48.94 -0.57 0.56 N | 49.79 -0.60 0.45 N | 47.45 -0.53 0.78 N | 38.04 -0.40 1.28 N | 62.07 -0.49 0.06 N | 51.05 -0.41 0.44 N | 54.16 -0.43 0.04 N | 71.63 -0.55 0.00 N | 67.61 -0.49 0.00 N | 52.84 -0.28 0.04 N | 40.12 -0.28 0.08 N | 31.62 -0.23 0.97 N | 31.35 0.01 0.00 N |
| ALLEGHENY___COGEN 23514 | 57.93 0.63 0.00 N | 39.50 0.50 -0.38 N | 31.45 0.41 0.00 N | 34.24 0.39 0.00 N | 38.27 0.35 0.00 N | 37.13 0.43 -0.50 N | 31.16 0.37 -5.96 N | 56.56 0.98 -1.61 N | 51.73 0.91 -1.41 N | 61.72 1.10 0.00 N | 57.87 1.44 0.00 N | 53.30 1.26 -1.96 N | 53.65 1.24 -1.57 N | 52.43 0.94 -2.73 N | 45.00 0.86 -4.42 N | 64.34 1.52 -0.20 N | 54.44 1.05 -1.49 N | 55.93 1.16 -0.14 N | 73.49 1.31 0.00 N | 69.27 1.17 0.00 N | 54.27 0.97 -0.13 N | 41.61 0.87 -0.26 N | 36.58 0.55 -3.21 N | 31.99 0.66 0.00 N |
| AMERICAN_REF_FUEL 24010 | 54.42 -2.88 0.00 N | 37.05 -1.92 -0.34 N | 29.63 -1.41 0.00 N | 32.38 -1.47 0.00 N | 36.11 -1.80 0.00 N | 34.90 -1.75 -0.45 N | 28.66 -1.49 -5.33 N | 51.78 -3.63 -1.45 N | 47.02 -3.65 -1.26 N | 56.24 -4.38 0.00 N | 52.76 -3.68 0.00 N | 48.12 -3.70 -1.75 N | 48.36 -3.88 -1.40 N | 47.10 -4.09 -2.43 N | 40.45 -3.21 -3.94 N | 58.13 -4.66 -0.18 N | 48.90 -4.32 -1.33 N | 50.29 -4.47 -0.12 N | 65.49 -6.70 0.00 N | 62.30 -5.80 0.00 N | 48.72 -4.56 -0.12 N | 37.50 -3.22 -0.23 N | 33.36 -2.32 -2.86 N | 29.48 -1.85 0.00 N |
| AMERICAN___BRASS 23903 | 54.42 -2.88 0.00 N | 37.17 -1.92 -0.47 N | 29.63 -1.41 0.00 N | 32.38 -1.47 0.00 N | 36.11 -1.80 0.00 N | 35.06 -1.75 -0.61 N | 30.59 -1.49 -7.26 N | 52.29 -3.63 -1.95 N | 47.48 -3.65 -1.73 N | 56.24 -4.38 0.00 N | 52.76 -3.68 0.00 N | 48.79 -3.70 -2.41 N | 48.89 -3.88 -1.93 N | 48.03 -4.09 -3.36 N | 41.98 -3.21 -5.47 N | 58.20 -4.66 -0.25 N | 49.42 -4.32 -1.84 N | 50.33 -4.47 -0.17 N | 65.49 -6.70 0.00 N | 62.30 -5.80 0.00 N | 48.77 -4.56 -0.16 N | 37.58 -3.22 -0.32 N | 34.44 -2.32 -3.94 N | 29.48 -1.85 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 59.64 2.34 0.00 N | 41.92 1.13 -2.17 N | 31.75 0.72 0.00 N | 34.77 0.92 0.00 N | 38.99 1.07 0.00 N | 40.29 1.28 -2.81 N | 59.44 1.10 -33.52 N | 65.42 2.43 -9.02 N | 59.86 2.39 -8.07 N | 63.69 3.07 0.00 N | 59.18 2.75 0.00 N | 63.74 2.47 -11.19 N | 62.32 2.51 -8.97 N | 66.84 2.51 -15.56 N | 66.70 1.94 -25.04 N | 66.33 2.57 -1.14 N | 62.62 2.30 -8.42 N | 57.89 2.48 -0.78 N | 75.57 3.39 0.00 N | 70.95 2.84 0.00 N | 56.13 2.22 -0.75 N | 43.51 1.56 -1.46 N | 52.28 1.34 -18.12 N | 32.46 1.13 0.00 N |
| ARTHUR_KILL_2 23512 | 59.64 2.34 0.00 N | 41.92 1.13 -2.17 N | 31.75 0.72 0.00 N | 34.77 0.92 0.00 N | 38.99 1.07 0.00 N | 40.29 1.28 -2.81 N | 59.44 1.10 -33.52 N | 65.42 2.43 -9.02 N | 59.86 2.39 -8.07 N | 63.69 3.07 0.00 N | 59.18 2.75 0.00 N | 63.74 2.47 -11.19 N | 62.32 2.51 -8.97 N | 66.84 2.51 -15.56 N | 66.70 1.94 -25.04 N | 66.33 2.57 -1.14 N | 62.62 2.30 -8.42 N | 57.89 2.48 -0.78 N | 75.57 3.39 0.00 N | 70.95 2.84 0.00 N | 56.13 2.22 -0.75 N | 43.51 1.56 -1.46 N | 52.28 1.34 -18.12 N | 32.46 1.13 0.00 N |
| ARTHUR_KILL_3 23513 | 59.64 2.34 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 38.99 1.08 0.00 N | 40.29 1.29 -2.81 N | 59.41 1.07 -33.52 N | 65.40 2.42 -9.02 N | 59.82 2.35 -8.07 N | 63.63 3.01 0.00 N | 59.14 2.71 0.00 N | 63.70 2.43 -11.19 N | 62.28 2.47 -8.97 N | 66.80 2.48 -15.56 N | 66.68 1.92 -25.04 N | 66.25 2.49 -1.14 N | 62.54 2.22 -8.42 N | 57.80 2.39 -0.78 N | 75.49 3.31 0.00 N | 70.85 2.75 0.00 N | 56.02 2.11 -0.75 N | 43.43 1.49 -1.46 N | 52.23 1.29 -18.12 N | 32.42 1.09 0.00 N |
| ASHOKAN____ 23654 | 59.54 2.25 0.00 N | 42.48 1.51 -2.35 N | 32.14 1.11 0.00 N | 35.14 1.29 0.00 N | 39.38 1.47 0.00 N | 40.66 1.43 -3.03 N | 61.94 1.04 -36.08 N | 65.96 2.31 -9.68 N | 60.25 2.19 -8.65 N | 63.36 2.74 0.00 N | 59.02 2.59 0.00 N | 64.45 2.39 -11.99 N | 62.81 2.36 -9.61 N | 67.64 2.20 -16.67 N | 68.47 1.74 -27.01 N | 66.47 2.62 -1.23 N | 63.00 2.00 -9.11 N | 57.56 2.08 -0.85 N | 75.06 2.88 0.00 N | 70.79 2.68 0.00 N | 56.03 2.06 -0.81 N | 43.63 1.56 -1.58 N | 53.63 1.20 -19.61 N | 32.36 1.02 0.00 N |
| ASTORIA 5-9 ____ 23662 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.11 -56.22 N | 115.58 2.98 -63.20 N | 117.37 3.80 -52.94 N | 111.36 3.36 -51.56 N | 102.10 3.04 -48.98 N | 112.69 2.93 -58.92 N | 110.68 3.11 -58.81 N | 67.26 2.47 -25.06 N | 89.06 3.41 -23.02 N | 101.81 3.01 -46.90 N | 83.83 3.12 -26.07 N | 114.23 4.46 -37.58 N | 136.68 3.70 -64.87 N | 180.02 2.77 -124.09 N | 161.42 1.90 -119.03 N | 112.61 1.54 -78.24 N | 163.57 1.38 -130.86 N |
| ASTORIA GT2____ 23536 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA GT3____ 23731 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |

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| ASTORIA_GT4____ 23727 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA_GT2_1 24094 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA_GT2_2 24095 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA_GT2_3 24096 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA_GT2_4 24097 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130.86 N |
| ASTORIA_GT3_1 24098 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.10 -56.22 N | 115.57 2.97 -63.20 N | 117.32 3.75 -52.94 N | 111.30 3.31 -51.56 N | 102.05 2.99 -48.98 N | 112.60 2.84 -58.92 N | 110.60 3.02 -58.81 N | 67.19 2.40 -25.06 N | 88.95 3.31 -23.02 N | 101.72 2.92 -46.90 N | 83.73 3.03 -26.07 N | 114.10 4.34 -37.58 N | 136.58 3.61 -64.87 N | 179.97 2.72 -124.09 N | 161.38 1.87 -119.03 N | 112.58 1.52 -78.24 N | 163.56 1.37 -130. |

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|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|
| ASTORIA_GT_1 23523 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ASTORIA_GT_10 24110 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ASTORIA_GT_11 24225 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ASTORIA_GT_12 24226 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ASTORIA_GT_13 24227 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ASTORIA_GT_5 24106 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.11 -56.22 N | 115.58 2.98 -63.20 N | 117.37 3.80 -52.94 N | 111.36 3.36 -51.56 N | 102.10 3.04 -48.98 N | 112.69 2.93 -58.92 N | 110.68 3.11 -58.81 N | 67.26 2.47 -25.06 N | 89.06 3.41 -23.02 N | 101.81 3.01 -46.90 N | 83.83 3.12 -26.07 N | 114.23 4.46 -37.58 N | 136.68 3.70 -64.87 N | 180.02 2.77 -124.09 N | 161.42 1.90 -119.03 N | 112.61 1.54 -78.24 N | 163.57 1.38 -130.86 N |
| ASTORIA_GT_7 24107 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.11 -56.22 N | 115.58 2.98 -63.20 N | 117.37 3.80 -52.94 N | 111.36 3.36 -51.56 N | 102.10 3.04 -48.98 N | 112.69 2.93 -58.92 N | 110.68 3.11 -58.81 N | 67.26 2.47 -25.06 N | 89.06 3.41 -23.02 N | 101.81 3.01 -46.90 N | 83.83 3.12 -26.07 N | 114.23 4.46 -37.58 N | 136.68 3.70 -64.87 N | 180.02 2.77 -124.09 N | 161.42 1.90 -119.03 N | 112.61 1.54 -78.24 N | 163.57 1.38 -130.86 N |
| ASTORIA_GT_8 24108 | 73.58 3.08 -13.20 N | 81.44 1.68 -41.14 N | 59.82 1.16 -27.62 N | 64.29 1.22 -29.22 N | 39.24 1.33 0.00 N | 40.62 1.62 -2.81 N | 61.21 1.31 -35.08 N | 113.29 3.11 -56.22 N | 115.58 2.98 -63.20 N | 117.37 3.80 -52.94 N | 111.36 3.36 -51.56 N | 102.10 3.04 -48.98 N | 112.69 2.93 -58.92 N | 110.68 3.11 -58.81 N | 67.26 2.47 -25.06 N | 89.06 3.41 -23.02 N | 101.81 3.01 -46.90 N | 83.83 3.12 -26.07 N | 114.23 4.46 -37.58 N | 136.68 3.70 -64.87 N | 180.02 2.77 -124.09 N | 161.42 1.90 -119.03 N | 112.61 1.54 -78.24 N | 163.57 1.38 -130.86 N |
| ASTORIA_GT_9 24109 | 60.38 3.08 0.00 N | 40.77 1.68 -0.47 N | 32.19 1.16 0.00 N | 35.08 1.22 0.00 N | 39.24 1.33 0.00 N | 38.42 1.62 -0.61 N | 33.39 1.31 -7.26 N | 59.02 3.11 -1.95 N | 54.11 2.98 -1.73 N | 64.42 3.80 0.00 N | 59.79 3.36 0.00 N | 55.53 3.04 -2.41 N | 55.69 2.93 -1.93 N | 55.23 3.11 -3.36 N | 47.66 2.47 -5.47 N | 66.28 3.41 -0.25 N | 56.76 3.01 -1.84 N | 57.93 3.12 -0.17 N | 76.64 4.46 0.00 N | 71.81 3.70 0.00 N | 56.10 2.77 -0.16 N | 42.71 1.90 -0.32 N | 38.30 1.54 -3.94 N | 32.71 1.38 0.00 N |
| ASTORIA___2 24149 | 73.82 3.32 -13.20 N | 81.59 1.83 -41.14 N | 59.92 1.26 -27.62 N | 64.42 1.35 -29.22 N | 39.38 1.46 0.00 N | 40.75 1.75 -2.81 N | 61.30 1.40 -35.08 N | 113.55 3.36 -56.22 N | 115.82 3.21 -63.20 N | 117.66 4.10 -52.94 N | 111.63 3.64 -51.56 N | 102.35 3.29 -48.98 N | 112.93 3.17 -58.92 N | 110.91 3.34 -58.81 N | 67.44 2.66 -25.06 N | 89.35 3.71 -23.02 N | 102.06 3.26 -46.90 N | 84.08 3.38 -26.07 N | 114.57 4.80 -37.58 N | 136.99 4.02 -64.87 N | 180.25 3.00 -124.09 N | 161.59 2.07 -119.03 N | 112.73 1.67 -78.24 N | 163.69 1.50 -130.86 N |
| ASTORIA___3 23516 | 59.82 2.52 0.00 N | 42.08 1.29 -2.17 N | 31.94 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 61.07 1.17 -35.08 N | 80.60 2.61 -24.03 N | 77.37 2.44 -25.53 N | 77.53 3.10 -13.81 N | 77.62 2.74 -18.45 N | 77.63 2.47 -25.08 N | 77.64 2.44 -24.36 N | 77.65 2.49 -26.39 N | 77.64 1.96 -35.96 N | 77.63 2.67 -12.34 N | 77.62 2.40 -23.33 N | 77.59 2.53 -20.42 N | 76.75 3.54 -1.04 N | 72.48 2.85 -1.53 N | 74.94 2.23 -19.55 N | 70.19 1.60 -28.11 N | 55.15 1.38 -20.94 N | 36.00 1.20 -3.47 N |
| ASTORIA___4 23517 | 73.14 2.64 -13.20 N | 81.20 1.44 -41.14 N | 59.61 0.95 -27.62 N | 64.05 0.98 -29.22 N | 38.95 1.04 0.00 N | 40.31 1.31 -2.81 N | 60.97 1.07 -35.08 N | 112.72 2.54 -56.22 N | 115.05 2.45 -63.20 N | 116.73 3.16 -52.94 N | 110.77 2.78 -51.56 N | 101.57 2.52 -48.98 N | 112.17 2.41 -58.92 N | 110.17 2.59 -58.81 N | 66.83 2.05 -25.06 N | 88.39 2.75 -23.02 N | 101.26 2.46 -46.90 N | 83.25 2.55 -26.07 N | 113.45 3.69 -37.58 N | 135.96 2.99 -64.87 N | 179.47 2.22 -124.09 N | 161.01 1.50 -119.03 N | 112.29 1.23 -78.24 N | 163.27 1.08 -130.86 N |
| ASTORIA___5 23518 | 73.09 2.59 -13.20 N | 81.09 1.33 -41.14 N | 59.59 0.93 -27.62 N | 64.13 1.06 -29.22 N | 39.10 1.19 0.00 N | 40.44 1.43 -2.81 N | 61.10 1.19 -35.08 N | 112.88 2.70 -56.22 N | 115.15 2.55 -63.20 N | 116.83 3.26 -52.94 N | 110.89 2.90 -51.56 N | 101.67 2.62 -48.98 N | 112.35 2.59 -58.92 N | 110.21 2.64 -58.81 N | 66.86 2.08 -25.06 N | 88.50 2.86 -23.02 N | 101.34 2.55 -46.90 N | 83.40 2.70 -26.07 N | 113.53 3.77 -37.58 N | 136.04 3.07 -64.87 N | 179.60 2.35 -124.09 N | 161.19 1.67 -119.03 N | 112.49 1.42 -78.24 N | 163.43 1.24 -130.86 N |

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|-------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| ASTRIA 10-13____ 23663 | 59.85 2.56 0.00 N | 42.10 1.31 -2.17 N | 31.95 0.92 0.00 N | 34.89 1.04 0.00 N | 39.08 1.17 0.00 N | 40.42 1.42 -2.81 N | 61.09 1.18 -35.08 N | 80.66 2.67 -24.03 N | 77.45 2.52 -25.53 N | 77.65 3.22 -13.81 N | 77.74 2.86 -18.45 N | 77.74 2.58 -25.08 N | 77.75 2.55 -24.36 N | 77.76 2.60 -26.39 N | 77.73 2.06 -35.96 N | 77.78 2.82 -12.34 N | 77.74 2.52 -23.33 N | 77.72 2.66 -20.42 N | 76.95 3.73 -1.04 N | 72.66 3.03 -1.53 N | 75.03 2.32 -19.55 N | 70.23 1.64 -28.11 N | 55.17 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| ATHENS_STG_1 23668 | 60.65 3.35 0.00 N | 43.47 2.46 -2.40 N | 32.90 1.87 0.00 N | 35.86 2.01 0.00 N | 40.18 2.27 0.00 N | 41.34 2.04 -3.11 N | 63.30 1.53 -36.95 N | 67.38 3.54 -9.87 N | 61.58 3.32 -8.85 N | 64.61 3.99 0.00 N | 60.11 3.68 0.00 N | 65.85 3.50 -12.28 N | 64.39 3.72 -9.84 N | 69.46 3.63 -17.07 N | 70.29 2.95 -27.62 N | 68.28 4.40 -1.26 N | 65.09 3.89 -9.30 N | 59.45 3.95 -0.86 N | 77.80 5.62 0.00 N | 72.87 4.76 0.00 N | 57.85 3.87 -0.82 N | 45.22 3.11 -1.62 N | 55.07 2.24 -20.02 N | 33.38 2.05 0.00 N |
| ATHENS_STG_2 23670 | 60.65 3.36 0.00 N | 43.48 2.46 -2.40 N | 32.91 1.87 0.00 N | 35.86 2.01 0.00 N | 40.18 2.27 0.00 N | 41.34 2.04 -3.11 N | 63.30 1.53 -36.95 N | 67.38 3.54 -9.87 N | 61.58 3.32 -8.85 N | 64.61 3.99 0.00 N | 60.11 3.68 0.00 N | 65.85 3.50 -12.28 N | 64.39 3.72 -9.84 N | 69.46 3.63 -17.07 N | 70.29 2.95 -27.62 N | 68.28 4.40 -1.26 N | 65.09 3.89 -9.30 N | 59.45 3.95 -0.86 N | 77.80 5.62 0.00 N | 72.87 4.76 0.00 N | 57.85 3.87 -0.82 N | 45.22 3.11 -1.62 N | 55.07 2.24 -20.02 N | 33.38 2.05 0.00 N |
| ATHENS_STG_3 23677 | 60.65 3.36 0.00 N | 43.48 2.46 -2.40 N | 32.91 1.87 0.00 N | 35.86 2.01 0.00 N | 40.18 2.27 0.00 N | 41.34 2.04 -3.11 N | 63.30 1.53 -36.95 N | 67.38 3.55 -9.87 N | 61.58 3.33 -8.85 N | 64.61 3.99 0.00 N | 60.11 3.68 0.00 N | 65.86 3.50 -12.28 N | 64.39 3.72 -9.84 N | 69.47 3.63 -17.07 N | 70.29 2.96 -27.62 N | 68.28 4.41 -1.26 N | 65.09 3.90 -9.30 N | 59.45 3.95 -0.86 N | 77.81 5.63 0.00 N | 72.87 4.77 0.00 N | 57.86 3.87 -0.82 N | 45.22 3.12 -1.62 N | 55.07 2.24 -20.02 N | 33.38 2.05 0.00 N |
| BARRETT 1-8____GRP4 24034 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT 9-12____GRP3 24033 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_1 23704 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_10 23701 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_11 23702 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_12 23703 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_2 23705 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_3 23706 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_4 23707 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |

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| BARRETT_IC_5 23708 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_6 23709 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_7 23710 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_8 23711 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT_IC_9 23700 | 63.27 2.94 -3.04 N | 44.83 1.20 -5.01 N | 31.66 0.62 0.00 N | 34.63 0.78 0.00 N | 40.11 0.94 -1.26 N | 56.93 1.10 -19.63 N | 59.66 0.93 -33.91 N | 64.91 1.93 -9.02 N | 64.04 1.85 -12.79 N | 65.30 2.37 -2.31 N | 65.41 2.15 -6.84 N | 64.53 1.90 -12.54 N | 62.11 1.96 -9.31 N | 66.30 1.97 -15.56 N | 66.25 1.50 -25.03 N | 65.81 2.05 -1.14 N | 67.12 1.90 -13.32 N | 67.69 2.09 -10.97 N | 75.60 2.79 -0.63 N | 70.22 2.11 0.00 N | 65.10 1.79 -10.15 N | 77.88 1.26 -36.14 N | 60.73 1.10 -26.82 N | 58.70 1.00 -26.37 N |
| BARRETT___1 23545 | 63.12 2.79 -3.04 N | 44.74 1.12 -5.01 N | 31.62 0.58 0.00 N | 34.56 0.71 0.00 N | 40.03 0.86 -1.26 N | 56.84 1.01 -19.63 N | 59.58 0.85 -33.91 N | 64.67 1.68 -9.02 N | 63.83 1.63 -12.79 N | 65.04 2.11 -2.31 N | 65.18 1.91 -6.84 N | 64.31 1.69 -12.54 N | 61.90 1.75 -9.31 N | 66.11 1.79 -15.56 N | 66.14 1.39 -25.03 N | 65.61 1.86 -1.14 N | 66.97 1.75 -13.32 N | 67.52 1.92 -10.97 N | 75.31 2.50 -0.63 N | 69.92 1.82 0.00 N | 64.91 1.59 -10.15 N | 77.76 1.13 -36.14 N | 60.64 1.01 -26.82 N | 58.63 0.93 -26.37 N |
| BARRETT___2 23546 | 63.26 2.93 -3.04 N | 44.83 1.20 -5.01 N | 31.65 0.62 0.00 N | 34.63 0.78 0.00 N | 40.10 0.93 -1.26 N | 56.92 1.09 -19.63 N | 59.66 0.92 -33.91 N | 64.90 1.91 -9.02 N | 64.03 1.84 -12.79 N | 65.29 2.36 -2.31 N | 65.40 2.13 -6.84 N | 64.51 1.89 -12.54 N | 62.10 1.95 -9.31 N | 66.28 1.96 -15.56 N | 66.24 1.49 -25.03 N | 65.79 2.03 -1.14 N | 67.10 1.89 -13.32 N | 67.67 2.07 -10.97 N | 75.58 2.77 -0.63 N | 70.20 2.10 0.00 N | 65.09 1.78 -10.15 N | 77.87 1.25 -36.14 N | 60.73 1.09 -26.82 N | 58.70 0.99 -26.37 N |
| BEAVER RIVER___HYD 24048 | 57.47 0.17 0.00 N | 38.69 0.07 0.00 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 37.99 0.07 0.00 N | 36.36 0.16 -0.01 N | 24.90 0.02 -0.06 N | 54.13 0.15 -0.01 N | 49.64 0.21 -0.02 N | 61.02 0.39 0.00 N | 56.81 0.38 0.00 N | 50.46 0.35 -0.03 N | 51.33 0.46 -0.03 N | 49.31 0.49 -0.05 N | 40.17 0.37 -0.08 N | 63.14 0.52 0.00 N | 52.35 0.43 -0.02 N | 55.11 0.48 0.00 N | 72.99 0.81 0.00 N | 68.66 0.55 0.00 N | 53.68 0.52 0.00 N | 40.95 0.47 0.00 N | 33.04 0.19 -0.03 N | 31.42 0.09 0.00 N |
| BEEBEE_GT_13 23619 | 58.39 1.10 0.00 N | 39.60 0.71 -0.27 N | 31.52 0.49 0.00 N | 34.38 0.53 0.00 N | 38.45 0.54 0.00 N | 37.30 0.75 -0.35 N | 29.86 0.87 -4.17 N | 57.71 2.61 -1.13 N | 52.83 2.44 -0.99 N | 63.47 2.85 0.00 N | 59.40 2.96 0.00 N | 54.10 2.65 -1.37 N | 54.21 2.27 -1.10 N | 52.63 1.96 -1.90 N | 44.51 1.71 -3.09 N | 65.59 2.83 -0.14 N | 55.30 2.36 -1.04 N | 57.50 2.76 -0.10 N | 76.00 3.82 0.00 N | 71.61 3.50 0.00 N | 55.93 2.67 -0.09 N | 42.67 2.01 -0.18 N | 36.28 1.22 -2.24 N | 32.38 1.05 0.00 N |
| BETHLEHEM___STEEL 23779 | 54.46 -2.84 0.00 N | 37.03 -1.96 -0.37 N | 29.61 -1.43 0.00 N | 32.35 -1.50 0.00 N | 36.13 -1.79 0.00 N | 35.01 -1.66 -0.48 N | 29.13 -1.38 -5.69 N | 52.12 -3.35 -1.50 N | 47.44 -3.33 -1.37 N | 56.69 -3.94 0.00 N | 53.04 -3.39 0.00 N | 48.49 -3.47 -1.89 N | 48.69 -3.66 -1.51 N | 47.60 -3.80 -2.63 N | 40.97 -3.01 -4.26 N | 58.36 -4.45 -0.19 N | 49.27 -4.06 -1.43 N | 50.60 -4.16 -0.13 N | 65.97 -6.21 0.00 N | 62.82 -5.28 0.00 N | 49.09 -4.20 -0.13 N | 37.70 -3.03 -0.25 N | 33.74 -2.17 -3.09 N | 29.56 -1.78 0.00 N |
| BINGHAMTON___COGEN 23790 | 57.13 -0.17 0.00 N | 39.19 -0.17 -0.75 N | 30.89 -0.15 0.00 N | 34.01 0.16 0.00 N | 38.07 0.16 0.00 N | 37.46 0.30 -0.97 N | 36.58 0.23 -11.52 N | 57.21 0.15 -3.09 N | 52.27 0.12 -2.74 N | 60.78 0.15 0.00 N | 56.39 -0.04 0.00 N | 53.63 -0.25 -3.81 N | 53.68 -0.21 -3.05 N | 53.89 -0.17 -5.30 N | 48.19 -0.13 -8.60 N | 62.64 -0.37 -0.39 N | 54.67 -0.12 -2.90 N | 54.87 -0.04 -0.27 N | 72.00 -0.18 0.00 N | 68.09 -0.02 0.00 N | 53.30 -0.12 -0.26 N | 40.76 -0.23 -0.50 N | 38.96 -0.09 -6.23 N | 31.13 -0.21 0.00 N |
| BLACK RIVER___HYD 24047 | 56.97 -0.32 0.00 N | 38.40 -0.28 -0.05 N | 30.77 -0.27 0.00 N | 33.59 -0.26 0.00 N | 37.64 -0.27 0.00 N | 36.14 -0.13 -0.07 N | 25.56 -0.07 -0.80 N | 54.28 0.12 -0.19 N | 49.78 0.18 -0.20 N | 60.92 0.29 0.00 N | 56.71 0.28 0.00 N | 50.61 0.25 -0.29 N | 51.39 0.32 -0.23 N | 49.50 0.34 -0.40 N | 40.61 0.24 -0.65 N | 62.93 0.28 -0.03 N | 52.32 0.21 -0.21 N | 54.96 0.31 -0.02 N | 72.88 0.70 0.00 N | 68.58 0.48 0.00 N | 53.49 0.31 -0.02 N | 40.82 0.30 -0.04 N | 33.30 0.03 -0.45 N | 31.19 -0.14 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 59.90 2.61 0.00 N | 43.29 1.93 -2.74 N | 32.52 1.49 0.00 N | 35.42 1.57 0.00 N | 39.70 1.79 0.00 N | 41.38 1.65 -3.53 N | 68.11 1.27 -42.02 N | 68.14 2.97 -11.20 N | 62.27 2.79 -10.07 N | 63.97 3.35 0.00 N | 59.55 3.12 0.00 N | 66.99 3.00 -13.91 N | 65.12 3.13 -11.15 N | 71.15 3.04 -19.35 N | 73.53 2.49 -31.33 N | 67.76 3.72 -1.43 N | 65.79 3.30 -10.59 N | 58.97 3.35 -0.98 N | 76.99 4.81 0.00 N | 72.18 4.08 0.00 N | 57.40 3.30 -0.94 N | 45.00 2.68 -1.84 N | 57.50 1.87 -22.81 N | 33.00 1.67 0.00 N |

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| BOC_GAS_DRP 24189 | 60.40 3.10 0.00 N | 43.71 2.32 -2.76 N | 32.86 1.82 0.00 N | 35.75 1.90 0.00 N | 40.08 2.17 0.00 N | 41.73 1.97 -3.57 N | 68.78 1.47 -42.48 N | 68.71 3.40 -11.34 N | 62.78 3.21 -10.17 N | 64.48 3.86 0.00 N | 59.99 3.56 0.00 N | 67.52 3.40 -14.05 N | 65.65 3.55 -11.26 N | 71.73 3.44 -19.53 N | 74.18 2.83 -31.63 N | 68.33 4.28 -1.44 N | 66.33 3.74 -10.69 N | 59.40 3.77 -0.99 N | 77.47 5.29 0.00 N | 72.71 4.61 0.00 N | 57.84 3.73 -0.95 N | 45.34 2.99 -1.86 N | 57.99 2.13 -23.04 N | 33.25 1.91 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 61.06 3.76 0.00 N | 44.46 3.08 -2.76 N | 33.60 2.56 0.00 N | 36.26 2.41 0.00 N | 40.79 2.88 0.00 N | 42.30 2.53 -3.57 N | 68.99 1.72 -42.45 N | 69.11 3.81 -11.34 N | 63.67 4.10 -10.17 N | 65.85 5.22 0.00 N | 61.09 4.66 0.00 N | 68.91 4.70 -14.14 N | 66.85 4.68 -11.33 N | 72.87 4.45 -19.66 N | 75.25 3.70 -31.83 N | 69.57 5.50 -1.45 N | 67.35 4.75 -10.70 N | 60.25 4.62 -0.99 N | 77.91 5.73 0.00 N | 73.78 5.67 0.00 N | 58.89 4.78 -0.95 N | 46.16 3.82 -1.86 N | 58.61 2.77 -23.02 N | 33.61 2.27 0.00 N |
| BOWLINE___1 23526 | 58.43 1.13 0.00 N | 41.23 0.49 -2.12 N | 31.36 0.33 0.00 N | 34.31 0.46 0.00 N | 38.47 0.56 0.00 N | 39.64 0.70 -2.74 N | 57.63 0.61 -32.20 N | 63.67 1.29 -8.41 N | 58.18 1.23 -7.55 N | 62.21 1.58 0.00 N | 57.84 1.41 0.00 N | 61.68 1.15 -10.45 N | 60.42 1.20 -8.38 N | 64.60 1.30 -14.54 N | 64.89 0.99 -24.18 N | 65.33 1.60 -1.11 N | 61.54 1.44 -8.21 N | 56.95 1.55 -0.76 N | 74.50 2.32 0.00 N | 70.11 2.00 0.00 N | 55.42 1.53 -0.73 N | 42.90 0.99 -1.43 N | 51.31 0.82 -17.67 N | 31.99 0.66 0.00 N |
| BOWLINE___2 23595 | 58.35 1.05 0.00 N | 41.19 0.46 -2.12 N | 31.36 0.33 0.00 N | 34.31 0.46 0.00 N | 38.45 0.53 0.00 N | 39.63 0.69 -2.74 N | 57.63 0.60 -32.20 N | 63.62 1.24 -8.41 N | 58.13 1.18 -7.55 N | 62.15 1.52 0.00 N | 57.78 1.35 0.00 N | 61.62 1.09 -10.45 N | 60.36 1.15 -8.38 N | 64.56 1.25 -14.54 N | 64.85 0.95 -24.18 N | 65.27 1.54 -1.11 N | 61.50 1.39 -8.21 N | 56.91 1.52 -0.76 N | 74.48 2.30 0.00 N | 70.08 1.98 0.00 N | 55.40 1.51 -0.73 N | 42.88 0.96 -1.43 N | 51.29 0.80 -17.67 N | 32.00 0.66 0.00 N |
| BROOKHAVEN___DRP 24191 | 63.03 2.69 -3.04 N | 44.51 0.88 -5.01 N | 31.31 0.27 0.00 N | 34.40 0.55 0.00 N | 39.89 0.72 -1.26 N | 56.45 0.62 -19.63 N | 59.23 0.50 -33.91 N | 63.47 0.48 -9.02 N | 62.72 0.52 -12.79 N | 63.57 0.64 -2.31 N | 63.80 0.53 -6.84 N | 63.05 0.43 -12.54 N | 60.85 0.69 -9.31 N | 64.80 0.47 -15.56 N | 64.90 0.15 -25.03 N | 63.77 0.01 -1.14 N | 65.63 0.42 -13.32 N | 66.20 0.59 -10.97 N | 73.51 0.71 -0.63 N | 68.47 0.36 0.00 N | 63.44 0.12 -10.15 N | 76.32 -0.31 -36.14 N | 59.60 -0.04 -26.82 N | 58.00 0.30 -26.37 N |
| BROOKLYN_NAVY_YARD 23515 | 59.39 2.09 0.00 N | 41.76 0.97 -2.17 N | 31.68 0.65 0.00 N | 34.69 0.84 0.00 N | 38.90 0.99 0.00 N | 40.16 1.16 -2.81 N | 59.35 1.01 -33.52 N | 65.28 2.30 -9.02 N | 59.72 2.25 -8.07 N | 63.47 2.85 0.00 N | 59.02 2.59 0.00 N | 63.58 2.31 -11.19 N | 62.23 2.42 -8.97 N | 66.70 2.37 -15.56 N | 66.54 1.79 -25.04 N | 66.23 2.47 -1.14 N | 62.56 2.25 -8.42 N | 57.82 2.41 -0.78 N | 75.47 3.29 0.00 N | 70.81 2.71 0.00 N | 56.06 2.15 -0.75 N | 43.44 1.49 -1.46 N | 52.20 1.27 -18.12 N | 32.42 1.08 0.00 N |
| BURROWS___LYONSDAL 23803 | 57.98 0.68 0.00 N | 39.06 0.45 0.01 N | 31.37 0.34 0.00 N | 34.23 0.38 0.00 N | 38.34 0.43 0.00 N | 36.66 0.47 0.01 N | 25.09 0.36 0.09 N | 54.86 0.90 0.01 N | 50.26 0.88 0.03 N | 61.71 1.09 0.00 N | 57.44 1.01 0.00 N | 50.96 0.91 0.02 N | 51.79 0.97 0.02 N | 49.68 0.95 0.03 N | 40.40 0.74 0.06 N | 63.72 1.11 0.00 N | 52.81 0.93 0.02 N | 55.63 1.00 0.00 N | 73.60 1.42 0.00 N | 69.36 1.26 0.00 N | 54.13 0.97 0.00 N | 41.22 0.74 0.00 N | 33.25 0.50 0.07 N | 31.70 0.37 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 63.12 2.78 -3.04 N | 44.71 1.08 -5.01 N | 31.58 0.55 0.00 N | 34.55 0.70 0.00 N | 40.01 0.84 -1.26 N | 56.79 0.96 -19.63 N | 59.56 0.83 -33.91 N | 64.68 1.69 -9.02 N | 63.83 1.64 -12.79 N | 64.95 2.02 -2.31 N | 65.08 1.82 -6.84 N | 64.21 1.59 -12.54 N | 61.84 1.69 -9.31 N | 65.97 1.64 -15.56 N | 65.94 1.20 -25.03 N | 65.39 1.63 -1.14 N | 66.80 1.59 -13.32 N | 67.35 1.75 -10.97 N | 75.22 2.41 -0.63 N | 70.01 1.91 0.00 N | 64.86 1.54 -10.15 N | 77.69 1.07 -36.14 N | 60.58 0.95 -26.82 N | 58.57 0.86 -26.37 N |
| CALPINE_BP_GT1 23823 | 63.12 2.78 -3.04 N | 44.71 1.08 -5.01 N | 31.58 0.55 0.00 N | 34.55 0.70 0.00 N | 40.01 0.84 -1.26 N | 56.79 0.96 -19.63 N | 59.56 0.83 -33.91 N | 64.68 1.69 -9.02 N | 63.83 1.64 -12.79 N | 64.95 2.02 -2.31 N | 65.08 1.82 -6.84 N | 64.21 1.59 -12.54 N | 61.84 1.69 -9.31 N | 65.97 1.64 -15.56 N | 65.94 1.20 -25.03 N | 65.39 1.63 -1.14 N | 66.80 1.59 -13.32 N | 67.35 1.75 -10.97 N | 75.22 2.41 -0.63 N | 70.01 1.91 0.00 N | 64.86 1.54 -10.15 N | 77.69 1.07 -36.14 N | 60.58 0.95 -26.82 N | 58.57 0.86 -26.37 N |
| CALSPAN___DRP 24200 | 54.46 -2.84 0.00 N | 37.03 -1.96 -0.37 N | 29.61 -1.43 0.00 N | 32.35 -1.50 0.00 N | 36.13 -1.79 0.00 N | 35.01 -1.66 -0.48 N | 29.13 -1.38 -5.69 N | 52.12 -3.35 -1.50 N | 47.44 -3.33 -1.37 N | 56.69 -3.94 0.00 N | 53.04 -3.39 0.00 N | 48.49 -3.47 -1.89 N | 48.69 -3.66 -1.51 N | 47.60 -3.80 -2.63 N | 40.97 -3.01 -4.26 N | 58.36 -4.45 -0.19 N | 49.27 -4.06 -1.43 N | 50.60 -4.16 -0.13 N | 65.97 -6.21 0.00 N | 62.82 -5.28 0.00 N | 49.09 -4.20 -0.13 N | 37.70 -3.03 -0.25 N | 33.74 -2.17 -3.09 N | 29.56 -1.78 0.00 N |
| CARR STREET_E__SYR 24060 | 56.76 -0.53 0.00 N | 38.44 -0.37 -0.18 N | 30.76 -0.28 0.00 N | 33.58 -0.28 0.00 N | 37.55 -0.36 0.00 N | 36.13 -0.31 -0.24 N | 27.51 -0.19 -2.87 N | 54.36 -0.40 -0.79 N | 49.69 -0.39 -0.68 N | 60.06 -0.56 0.00 N | 55.98 -0.45 0.00 N | 50.55 -0.47 -0.94 N | 51.11 -0.49 -0.75 N | 49.56 -0.52 -1.31 N | 41.42 -0.42 -2.12 N | 62.03 -0.69 -0.10 N | 52.01 -0.61 -0.71 N | 54.11 -0.59 -0.07 N | 71.33 -0.85 0.00 N | 67.39 -0.71 0.00 N | 52.63 -0.60 -0.06 N | 40.17 -0.43 -0.12 N | 34.01 -0.34 -1.54 N | 31.00 -0.33 0.00 N |
| CARTHAGE___PAPER 23857 | 56.97 -0.32 0.00 N | 38.38 -0.28 -0.04 N | 30.77 -0.27 0.00 N | 33.59 -0.26 0.00 N | 37.64 -0.27 0.00 N | 36.12 -0.13 -0.05 N | 25.38 -0.07 -0.62 N | 54.25 0.12 -0.17 N | 49.73 0.18 -0.15 N | 60.92 0.29 0.00 N | 56.71 0.28 0.00 N | 50.54 0.25 -0.22 N | 51.33 0.32 -0.17 N | 49.40 0.34 -0.30 N | 40.45 0.24 -0.49 N | 62.92 0.28 -0.02 N | 52.27 0.21 -0.16 N | 54.96 0.31 -0.01 N | 72.88 0.70 0.00 N | 68.58 0.48 0.00 N | 53.48 0.31 -0.01 N | 40.81 0.30 -0.03 N | 33.19 0.03 -0.34 N | 31.19 -0.14 0.00 N |
| CE_DUNWOOD___DRP 24194 | 59.16 1.86 0.00 N | 41.67 0.88 -2.17 N | 31.63 0.59 0.00 N | 34.58 0.73 0.00 N | 38.77 0.86 0.00 N | 40.04 1.04 -2.80 N | 59.17 0.87 -33.48 N | 64.89 1.91 -9.02 N | 59.31 1.85 -8.06 N | 62.99 2.37 0.00 N | 58.55 2.12 0.00 N | 63.15 1.89 -11.18 N | 61.74 1.94 -8.96 N | 66.27 1.96 -15.54 N | 66.21 1.49 -25.00 N | 65.80 2.04 -1.14 N | 62.18 1.88 -8.40 N | 57.44 2.03 -0.78 N | 75.03 2.85 0.00 N | 70.45 2.35 0.00 N | 55.74 1.83 -0.75 N | 43.23 1.29 -1.46 N | 52.00 1.10 -18.09 N | 32.26 0.93 0.00 N |

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| CE_MILLWOOD___DRP 24193 | 58.90 1.60 0.00 N | 41.51 0.73 -2.16 N | 31.45 0.42 0.00 N | 34.46 0.61 0.00 N | 38.64 0.73 0.00 N | 39.88 0.89 -2.80 N | 58.95 0.75 -33.38 N | 64.53 1.65 -8.91 N | 59.02 1.60 -8.02 N | 62.66 2.04 0.00 N | 58.25 1.82 0.00 N | 62.83 1.62 -11.13 N | 61.43 1.67 -8.92 N | 65.93 1.70 -15.47 N | 65.92 1.29 -24.91 N | 65.49 1.74 -1.13 N | 61.89 1.61 -8.38 N | 57.16 1.75 -0.78 N | 74.66 2.48 0.00 N | 70.13 2.03 0.00 N | 55.48 1.58 -0.74 N | 43.03 1.10 -1.46 N | 51.80 0.95 -18.03 N | 32.12 0.79 0.00 N |
| CE_NYC2_DRP 24202 | 59.83 2.53 0.00 N | 42.08 1.29 -2.17 N | 31.94 0.91 0.00 N | 34.88 1.03 0.00 N | 39.07 1.16 0.00 N | 40.41 1.40 -2.81 N | 61.08 1.18 -35.08 N | 80.64 2.65 -24.03 N | 77.44 2.50 -25.53 N | 77.63 3.20 -13.81 N | 77.72 2.84 -18.45 N | 77.72 2.56 -25.08 N | 77.73 2.53 -24.36 N | 77.74 2.58 -26.39 N | 77.72 2.04 -35.96 N | 77.76 2.80 -12.34 N | 77.72 2.50 -23.33 N | 77.70 2.64 -20.42 N | 76.92 3.70 -1.04 N | 72.64 3.00 -1.53 N | 75.02 2.31 -19.55 N | 70.23 1.64 -28.11 N | 55.16 1.40 -20.94 N | 36.02 1.22 -3.47 N |
| CE_NYC_DRP 24195 | 59.64 2.34 0.00 N | 41.92 1.13 -2.17 N | 31.75 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.30 -2.81 N | 59.44 1.10 -33.52 N | 65.45 2.46 -9.02 N | 59.86 2.39 -8.07 N | 63.69 3.07 0.00 N | 59.20 2.77 0.00 N | 63.75 2.49 -11.19 N | 62.34 2.54 -8.97 N | 66.88 2.55 -15.56 N | 66.73 1.97 -25.04 N | 66.44 2.69 -1.14 N | 62.73 2.42 -8.42 N | 58.03 2.61 -0.78 N | 75.82 3.64 0.00 N | 71.13 3.03 0.00 N | 56.25 2.34 -0.75 N | 43.60 1.65 -1.46 N | 52.34 1.40 -18.12 N | 32.53 1.20 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 58.57 1.27 0.00 N | 41.64 0.71 -2.32 N | 31.48 0.44 0.00 N | 34.46 0.61 0.00 N | 38.65 0.73 0.00 N | 39.91 0.75 -2.97 N | 60.72 0.58 -35.31 N | 64.56 1.19 -9.41 N | 59.01 1.10 -8.50 N | 61.96 1.33 0.00 N | 57.59 1.16 0.00 N | 63.04 1.12 -11.84 N | 61.52 1.19 -9.49 N | 66.39 1.16 -16.47 N | 67.25 0.89 -26.64 N | 65.01 1.18 -1.21 N | 62.05 1.18 -8.97 N | 56.76 1.29 -0.83 N | 74.06 1.88 0.00 N | 69.62 1.52 0.00 N | 55.16 1.20 -0.80 N | 42.97 0.93 -1.56 N | 52.92 0.79 -19.32 N | 32.01 0.68 0.00 N |
| CH_MISC_IPPS 23765 | 58.75 1.46 0.00 N | 41.69 0.80 -2.27 N | 31.53 0.49 0.00 N | 34.60 0.75 0.00 N | 38.81 0.90 0.00 N | 40.03 0.97 -2.86 N | 59.62 0.75 -34.05 N | 64.54 1.51 -9.07 N | 59.03 1.38 -8.25 N | 62.25 1.63 0.00 N | 57.86 1.43 0.00 N | 63.03 1.33 -11.62 N | 61.53 1.37 -9.31 N | 66.28 1.35 -16.16 N | 66.90 1.04 -26.14 N | 65.22 1.41 -1.19 N | 62.10 1.40 -8.80 N | 57.00 1.55 -0.82 N | 74.47 2.29 0.00 N | 69.96 1.86 0.00 N | 55.40 1.45 -0.78 N | 43.07 1.06 -1.53 N | 52.63 0.86 -18.95 N | 32.12 0.79 0.00 N |
| CH_RES_BVR_FALLS 23983 | 57.29 -0.01 0.00 N | 38.46 0.00 0.16 N | 31.03 0.00 0.00 N | 33.84 -0.01 0.00 N | 37.91 0.00 0.00 N | 35.98 -0.01 0.21 N | 22.34 -0.03 2.46 N | 53.25 -0.06 0.66 N | 48.77 -0.05 0.59 N | 60.60 -0.03 0.00 N | 56.40 -0.03 0.00 N | 49.26 -0.03 0.79 N | 50.17 -0.04 0.63 N | 47.64 -0.03 1.10 N | 37.92 -0.01 1.79 N | 62.55 0.01 0.08 N | 51.29 0.01 0.61 N | 54.58 0.01 0.06 N | 72.18 0.00 0.00 N | 68.13 0.02 0.00 N | 53.14 0.03 0.06 N | 40.38 0.01 0.11 N | 31.48 0.00 1.34 N | 31.36 0.02 0.00 N |
| CH_RES_NIAGARA 23895 | 53.78 -3.51 0.00 N | 36.61 -2.34 -0.34 N | 29.33 -1.70 0.00 N | 32.04 -1.81 0.00 N | 35.71 -2.20 0.00 N | 34.56 -2.07 -0.43 N | 28.21 -1.76 -5.15 N | 50.97 -4.35 -1.35 N | 46.36 -4.29 -1.24 N | 55.49 -5.13 0.00 N | 52.14 -4.29 0.00 N | 47.54 -4.26 -1.72 N | 47.76 -4.45 -1.38 N | 46.41 -4.74 -2.39 N | 39.91 -3.68 -3.87 N | 57.45 -5.34 -0.18 N | 48.22 -4.98 -1.30 N | 49.56 -5.19 -0.12 N | 64.31 -7.87 0.00 N | 61.22 -6.89 0.00 N | 47.93 -5.35 -0.12 N | 37.00 -3.70 -0.23 N | 33.00 -2.63 -2.81 N | 29.33 -2.00 0.00 N |
| CH_RES_SYRACUSE 23985 | 56.44 -0.85 0.00 N | 38.26 -0.57 -0.22 N | 30.66 -0.37 0.00 N | 33.43 -0.42 0.00 N | 37.39 -0.53 0.00 N | 36.06 -0.41 -0.27 N | 27.85 -0.26 -3.29 N | 54.24 -0.58 -0.85 N | 49.53 -0.67 -0.79 N | 59.49 -1.13 0.00 N | 55.42 -1.01 0.00 N | 50.20 -0.98 -1.10 N | 50.70 -1.02 -0.88 N | 49.25 -1.05 -1.54 N | 41.35 -0.86 -2.49 N | 61.40 -1.33 -0.11 N | 51.59 -1.15 -0.84 N | 53.56 -1.15 -0.08 N | 70.47 -1.71 0.00 N | 66.62 -1.48 0.00 N | 52.06 -1.17 -0.07 N | 39.96 -0.67 -0.15 N | 34.13 -0.50 -1.80 N | 30.84 -0.49 0.00 N |
| CORNELL___ 23752 | 58.34 1.05 0.00 N | 39.81 0.77 -0.42 N | 31.72 0.69 0.00 N | 34.31 0.46 0.00 N | 38.14 0.23 0.00 N | 37.49 0.75 -0.55 N | 32.27 0.90 -6.55 N | 58.18 2.45 -1.77 N | 53.14 2.18 -1.55 N | 63.30 2.68 0.00 N | 59.06 2.63 0.00 N | 54.52 2.29 -2.16 N | 54.74 2.17 -1.73 N | 53.90 2.13 -3.00 N | 46.15 1.56 -4.87 N | 65.43 2.59 -0.22 N | 55.64 2.10 -1.64 N | 57.09 2.30 -0.15 N | 75.88 3.70 0.00 N | 71.60 3.50 0.00 N | 55.75 2.45 -0.15 N | 42.38 1.61 -0.28 N | 37.33 0.98 -3.53 N | 32.06 0.72 0.00 N |
| COXSACKIE___GT 23611 | 59.51 2.21 0.00 N | 42.65 1.60 -2.44 N | 32.33 1.30 0.00 N | 35.21 1.36 0.00 N | 39.46 1.55 0.00 N | 40.80 1.45 -3.15 N | 63.28 1.00 -37.45 N | 66.17 2.19 -10.01 N | 60.49 2.12 -8.96 N | 63.24 2.61 0.00 N | 58.89 2.46 0.00 N | 64.81 2.31 -12.42 N | 63.04 2.24 -9.96 N | 68.10 2.06 -17.28 N | 69.37 1.68 -27.97 N | 66.47 2.58 -1.27 N | 63.43 2.09 -9.44 N | 57.66 2.15 -0.88 N | 74.99 2.81 0.00 N | 70.90 2.80 0.00 N | 56.19 2.19 -0.84 N | 43.84 1.72 -1.64 N | 54.46 1.32 -20.32 N | 32.45 1.11 0.00 N |
| CRESCENT___HYD 24018 | 60.93 3.63 0.00 N | 44.14 2.75 -2.77 N | 33.20 2.16 0.00 N | 36.03 2.18 0.00 N | 40.47 2.56 0.00 N | 42.12 2.35 -3.58 N | 69.15 1.74 -42.58 N | 69.36 4.04 -11.36 N | 63.54 3.94 -10.20 N | 65.40 4.78 0.00 N | 60.75 4.32 0.00 N | 68.50 4.24 -14.19 N | 66.57 4.36 -11.37 N | 72.62 4.13 -19.73 N | 75.07 3.41 -31.94 N | 69.17 5.10 -1.45 N | 67.00 4.36 -10.74 N | 60.02 4.39 -1.00 N | 78.13 5.95 0.00 N | 73.46 5.36 0.00 N | 58.56 4.45 -0.95 N | 45.88 3.53 -1.87 N | 58.50 2.56 -23.12 N | 33.53 2.20 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 56.44 -0.85 0.00 N | 38.26 -0.57 -0.22 N | 30.66 -0.37 0.00 N | 33.43 -0.42 0.00 N | 37.39 -0.53 0.00 N | 36.06 -0.41 -0.27 N | 27.85 -0.26 -3.29 N | 54.24 -0.58 -0.85 N | 49.53 -0.67 -0.79 N | 59.49 -1.13 0.00 N | 55.42 -1.01 0.00 N | 50.20 -0.98 -1.10 N | 50.70 -1.02 -0.88 N | 49.25 -1.05 -1.54 N | 41.35 -0.86 -2.49 N | 61.40 -1.33 -0.11 N | 51.59 -1.15 -0.84 N | 53.56 -1.15 -0.08 N | 70.47 -1.71 0.00 N | 66.62 -1.48 0.00 N | 52.06 -1.17 -0.07 N | 39.96 -0.67 -0.15 N | 34.13 -0.50 -1.80 N | 30.84 -0.49 0.00 N |
| CSC___481_PGEN 24222 | 62.99 2.66 -3.04 N | 44.49 0.86 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.40 0.57 -19.63 N | 59.17 0.44 -33.91 N | 63.32 0.33 -9.02 N | 62.57 0.38 -12.79 N | 63.40 0.47 -2.31 N | 63.63 0.37 -6.84 N | 62.91 0.29 -12.54 N | 60.70 0.55 -9.31 N | 64.66 0.33 -15.56 N | 64.79 0.04 -25.03 N | 63.59 -0.16 -1.14 N | 65.48 0.27 -13.32 N | 66.05 0.45 -10.97 N | 73.33 0.52 -0.63 N | 68.29 0.19 0.00 N | 63.21 -0.11 -10.15 N | 76.07 -0.56 -36.14 N | 59.43 -0.21 -26.82 N | 57.93 0.23 -26.37 N |

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| DANSKAMMER___1 23586 | 58.22 0.92 0.00 N | 41.34 0.45 -2.27 N | 31.35 0.32 0.00 N | 34.36 0.51 0.00 N | 38.54 0.63 0.00 N | 39.76 0.70 -2.86 N | 59.41 0.54 -34.05 N | 63.99 0.95 -9.07 N | 58.48 0.83 -8.25 N | 61.53 0.90 0.00 N | 57.16 0.73 0.00 N | 62.38 0.68 -11.62 N | 60.86 0.71 -9.31 N | 65.64 0.72 -16.16 N | 66.38 0.52 -26.14 N | 64.40 0.59 -1.19 N | 61.44 0.74 -8.80 N | 56.29 0.84 -0.82 N | 73.54 1.36 0.00 N | 69.05 0.94 0.00 N | 54.69 0.75 -0.78 N | 42.53 0.51 -1.53 N | 52.21 0.44 -18.95 N | 31.80 0.47 0.00 N |
| DANSKAMMER___2 23589 | 58.22 0.92 0.00 N | 41.34 0.45 -2.27 N | 31.35 0.32 0.00 N | 34.36 0.51 0.00 N | 38.54 0.63 0.00 N | 39.76 0.70 -2.86 N | 59.41 0.54 -34.05 N | 63.99 0.95 -9.07 N | 58.48 0.83 -8.25 N | 61.53 0.90 0.00 N | 57.16 0.73 0.00 N | 62.38 0.68 -11.62 N | 60.86 0.71 -9.31 N | 65.64 0.72 -16.16 N | 66.38 0.52 -26.14 N | 64.40 0.59 -1.19 N | 61.44 0.74 -8.80 N | 56.29 0.84 -0.82 N | 73.54 1.36 0.00 N | 69.05 0.94 0.00 N | 54.69 0.75 -0.78 N | 42.53 0.51 -1.53 N | 52.21 0.44 -18.95 N | 31.80 0.47 0.00 N |
| DANSKAMMER___3 23590 | 58.22 0.92 0.00 N | 41.34 0.45 -2.27 N | 31.35 0.32 0.00 N | 34.36 0.51 0.00 N | 38.54 0.63 0.00 N | 39.76 0.70 -2.86 N | 59.41 0.54 -34.05 N | 63.99 0.95 -9.07 N | 58.48 0.83 -8.25 N | 61.53 0.90 0.00 N | 57.16 0.73 0.00 N | 62.38 0.68 -11.62 N | 60.86 0.71 -9.31 N | 65.64 0.72 -16.16 N | 66.38 0.52 -26.14 N | 64.40 0.59 -1.19 N | 61.44 0.74 -8.80 N | 56.29 0.84 -0.82 N | 73.54 1.36 0.00 N | 69.05 0.94 0.00 N | 54.69 0.75 -0.78 N | 42.53 0.51 -1.53 N | 52.21 0.44 -18.95 N | 31.80 0.47 0.00 N |
| DANSKAMMER___4 23591 | 58.22 0.92 0.00 N | 41.34 0.45 -2.27 N | 31.35 0.32 0.00 N | 34.36 0.51 0.00 N | 38.54 0.63 0.00 N | 39.76 0.70 -2.86 N | 59.41 0.54 -34.05 N | 63.99 0.95 -9.07 N | 58.48 0.83 -8.25 N | 61.53 0.90 0.00 N | 57.16 0.73 0.00 N | 62.38 0.68 -11.62 N | 60.86 0.71 -9.31 N | 65.64 0.72 -16.16 N | 66.38 0.52 -26.14 N | 64.40 0.59 -1.19 N | 61.44 0.74 -8.80 N | 56.29 0.84 -0.82 N | 73.54 1.36 0.00 N | 69.05 0.94 0.00 N | 54.69 0.75 -0.78 N | 42.53 0.51 -1.53 N | 52.21 0.44 -18.95 N | 31.80 0.47 0.00 N |
| DANSKAMMER___DIESEL 23592 | 58.22 0.92 0.00 N | 41.34 0.45 -2.27 N | 31.35 0.32 0.00 N | 34.36 0.51 0.00 N | 38.54 0.63 0.00 N | 39.76 0.70 -2.86 N | 59.41 0.54 -34.05 N | 63.99 0.95 -9.07 N | 58.48 0.83 -8.25 N | 61.53 0.90 0.00 N | 57.16 0.73 0.00 N | 62.38 0.68 -11.62 N | 60.86 0.71 -9.31 N | 65.64 0.72 -16.16 N | 66.38 0.52 -26.14 N | 64.40 0.59 -1.19 N | 61.44 0.74 -8.80 N | 56.29 0.84 -0.82 N | 73.54 1.36 0.00 N | 69.05 0.94 0.00 N | 54.69 0.75 -0.78 N | 42.53 0.51 -1.53 N | 52.21 0.44 -18.95 N | 31.80 0.47 0.00 N |
| DASHVILLE___HYD 23610 | 58.06 0.76 0.00 N | 41.21 0.36 -2.24 N | 31.19 0.15 0.00 N | 34.20 0.35 0.00 N | 38.35 0.44 0.00 N | 39.57 0.48 -2.90 N | 59.64 0.38 -34.44 N | 63.88 0.71 -9.20 N | 58.25 0.62 -8.23 N | 61.32 0.70 0.00 N | 57.02 0.59 0.00 N | 62.12 0.64 -11.40 N | 60.60 0.62 -9.14 N | 65.27 0.65 -15.86 N | 65.90 0.48 -25.71 N | 64.31 0.52 -1.17 N | 61.24 0.68 -8.66 N | 56.22 0.79 -0.80 N | 73.46 1.28 0.00 N | 68.96 0.85 0.00 N | 54.62 0.69 -0.77 N | 42.50 0.51 -1.51 N | 51.92 0.44 -18.65 N | 31.75 0.41 0.00 N |
| DOGLEVILLE___HYD 23807 | 60.10 2.80 0.00 N | 40.55 2.00 0.06 N | 32.61 1.57 0.00 N | 35.43 1.58 0.00 N | 39.86 1.94 0.00 N | 38.03 1.92 0.09 N | 25.34 1.54 1.03 N | 57.17 3.50 0.30 N | 52.55 3.38 0.24 N | 64.72 4.09 0.00 N | 60.04 3.61 0.00 N | 53.26 3.50 0.31 N | 54.10 3.51 0.25 N | 51.68 3.35 0.44 N | 41.70 2.69 0.71 N | 66.59 4.01 0.03 N | 55.22 3.57 0.25 N | 58.32 3.71 0.02 N | 77.15 4.97 0.00 N | 72.69 4.58 0.00 N | 56.78 3.64 0.02 N | 43.18 2.74 0.04 N | 34.31 2.04 0.54 N | 32.86 1.53 0.00 N |
| DUNKIRK___1 23563 | 52.59 -4.71 0.00 N | 35.78 -3.23 -0.39 N | 28.64 -2.40 0.00 N | 31.29 -2.56 0.00 N | 35.04 -2.88 0.00 N | 33.88 -2.83 -0.51 N | 28.66 -2.21 -6.05 N | 50.32 -5.27 -1.63 N | 45.84 -5.01 -1.44 N | 54.67 -5.95 0.00 N | 50.80 -5.63 0.00 N | 46.61 -5.45 -1.98 N | 46.64 -5.78 -1.58 N | 45.97 -5.55 -2.75 N | 39.61 -4.57 -4.47 N | 55.52 -7.30 -0.20 N | 47.17 -6.24 -1.50 N | 48.37 -6.41 -0.14 N | 63.33 -8.85 0.00 N | 60.59 -7.51 0.00 N | 47.20 -6.10 -0.13 N | 35.93 -4.81 -0.26 N | 32.61 -3.44 -3.23 N | 28.26 -3.07 0.00 N |
| DUNKIRK___2 23564 | 52.59 -4.71 0.00 N | 35.78 -3.23 -0.39 N | 28.64 -2.40 0.00 N | 31.29 -2.56 0.00 N | 35.04 -2.88 0.00 N | 33.88 -2.83 -0.51 N | 28.66 -2.21 -6.05 N | 50.32 -5.27 -1.63 N | 45.84 -5.01 -1.44 N | 54.67 -5.95 0.00 N | 50.80 -5.63 0.00 N | 46.61 -5.45 -1.98 N | 46.64 -5.78 -1.58 N | 45.97 -5.55 -2.75 N | 39.61 -4.57 -4.47 N | 55.52 -7.30 -0.20 N | 47.17 -6.24 -1.50 N | 48.37 -6.41 -0.14 N | 63.33 -8.85 0.00 N | 60.59 -7.51 0.00 N | 47.20 -6.10 -0.13 N | 35.93 -4.81 -0.26 N | 32.61 -3.44 -3.23 N | 28.26 -3.07 0.00 N |
| DUNKIRK___3 23565 | 52.99 -4.30 0.00 N | 36.04 -2.97 -0.40 N | 28.87 -2.16 0.00 N | 31.51 -2.34 0.00 N | 35.25 -2.66 0.00 N | 34.13 -2.58 -0.51 N | 28.90 -2.02 -6.09 N | 50.78 -4.82 -1.63 N | 46.23 -4.63 -1.45 N | 55.14 -5.49 0.00 N | 51.32 -5.11 0.00 N | 47.06 -5.02 -2.01 N | 47.14 -5.31 -1.61 N | 46.40 -5.16 -2.79 N | 40.04 -4.22 -4.54 N | 56.18 -6.64 -0.21 N | 47.69 -5.73 -1.53 N | 48.89 -5.89 -0.14 N | 63.93 -8.25 0.00 N | 61.09 -7.01 0.00 N | 47.63 -5.66 -0.14 N | 36.37 -4.38 -0.27 N | 32.95 -3.15 -3.28 N | 28.54 -2.79 0.00 N |
| DUNKIRK___4 23566 | 52.99 -4.30 0.00 N | 36.04 -2.97 -0.40 N | 28.87 -2.16 0.00 N | 31.51 -2.34 0.00 N | 35.25 -2.66 0.00 N | 34.13 -2.58 -0.51 N | 28.90 -2.02 -6.09 N | 50.78 -4.82 -1.63 N | 46.23 -4.63 -1.45 N | 55.14 -5.48 0.00 N | 51.32 -5.11 0.00 N | 47.06 -5.02 -2.01 N | 47.14 -5.31 -1.61 N | 46.40 -5.16 -2.79 N | 40.04 -4.22 -4.54 N | 56.18 -6.64 -0.21 N | 47.69 -5.73 -1.53 N | 48.89 -5.89 -0.14 N | 63.93 -8.25 0.00 N | 61.09 -7.01 0.00 N | 47.63 -5.66 -0.14 N | 36.37 -4.38 -0.27 N | 32.95 -3.15 -3.28 N | 28.54 -2.79 0.00 N |
| EAST HAMPTON___GT 23717 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| EAST RIVER___6 23660 | 59.70 2.40 0.00 N | 41.94 1.15 -2.17 N | 31.76 0.73 0.00 N | 34.80 0.95 0.00 N | 39.02 1.11 0.00 N | 40.34 1.34 -2.81 N | 59.48 1.14 -33.52 N | 65.56 2.57 -9.02 N | 59.98 2.51 -8.07 N | 63.86 3.24 0.00 N | 59.36 2.93 0.00 N | 63.90 2.63 -11.19 N | 62.50 2.69 -8.97 N | 67.01 2.69 -15.56 N | 66.78 2.02 -25.04 N | 66.47 2.71 -1.14 N | 62.81 2.49 -8.42 N | 58.19 2.78 -0.78 N | 76.07 3.89 0.00 N | 71.35 3.25 0.00 N | 56.39 2.48 -0.75 N | 43.71 1.77 -1.46 N | 52.43 1.49 -18.12 N | 32.60 1.26 0.00 N |

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| EAST RIVER___7 23524 | 59.70 2.40 0.00 N | 41.94 1.15 -2.17 N | 31.76 0.73 0.00 N | 34.80 0.95 0.00 N | 39.02 1.11 0.00 N | 40.34 1.34 -2.81 N | 59.48 1.14 -33.52 N | 65.56 2.57 -9.02 N | 59.98 2.51 -8.07 N | 63.86 3.24 0.00 N | 59.36 2.93 0.00 N | 63.90 2.63 -11.19 N | 62.50 2.69 -8.97 N | 67.01 2.69 -15.56 N | 66.78 2.02 -25.04 N | 66.47 2.71 -1.14 N | 62.81 2.49 -8.42 N | 58.19 2.78 -0.78 N | 76.07 3.89 0.00 N | 71.35 3.25 0.00 N | 56.39 2.48 -0.75 N | 43.71 1.77 -1.46 N | 52.43 1.49 -18.12 N | 32.60 1.26 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| ELEC_TRO_TEK 24086 | 63.06 2.72 -3.04 N | 44.71 1.08 -5.01 N | 31.60 0.56 0.00 N | 34.53 0.68 0.00 N | 39.98 0.81 -1.26 N | 56.78 0.95 -19.63 N | 59.56 0.83 -33.91 N | 64.74 1.75 -9.02 N | 63.87 1.68 -12.79 N | 65.02 2.09 -2.31 N | 65.15 1.88 -6.84 N | 64.28 1.66 -12.54 N | 61.89 1.74 -9.31 N | 66.05 1.73 -15.56 N | 66.04 1.29 -25.03 N | 65.52 1.76 -1.14 N | 66.86 1.64 -13.32 N | 67.41 1.81 -10.97 N | 75.33 2.53 -0.63 N | 70.14 2.04 0.00 N | 64.93 1.61 -10.15 N | 77.73 1.11 -36.14 N | 60.60 0.97 -26.82 N | 58.56 0.86 -26.37 N |
| E_CANADA_CAP_HY 24051 | 60.15 2.85 0.00 N | 43.64 2.05 -2.97 N | 32.75 1.71 0.00 N | 35.71 1.86 0.00 N | 39.83 1.92 0.00 N | 41.88 1.85 -3.84 N | 71.86 1.37 -45.66 N | 69.70 3.55 -12.18 N | 63.55 3.21 -10.93 N | 64.61 3.99 0.00 N | 60.33 3.90 0.00 N | 68.66 3.25 -15.34 N | 66.57 3.44 -12.29 N | 73.39 3.30 -21.33 N | 77.05 2.80 -34.54 N | 68.78 4.59 -1.57 N | 67.02 3.59 -11.54 N | 59.51 3.81 -1.07 N | 77.28 5.10 0.00 N | 73.08 4.97 0.00 N | 57.91 3.73 -1.02 N | 45.10 2.62 -1.99 N | 59.26 1.77 -24.67 N | 33.14 1.81 0.00 N |
| E_CANADA_MHWK_HY 24050 | 60.10 2.80 0.00 N | 40.55 2.00 0.06 N | 32.61 1.57 0.00 N | 35.43 1.58 0.00 N | 39.86 1.94 0.00 N | 38.03 1.92 0.09 N | 25.34 1.54 1.03 N | 57.17 3.50 0.30 N | 52.55 3.38 0.24 N | 64.72 4.09 0.00 N | 60.04 3.61 0.00 N | 53.26 3.50 0.31 N | 54.10 3.51 0.25 N | 51.68 3.35 0.44 N | 41.70 2.69 0.71 N | 66.59 4.01 0.03 N | 55.22 3.57 0.25 N | 58.32 3.71 0.02 N | 77.15 4.97 0.00 N | 72.69 4.58 0.00 N | 56.78 3.64 0.02 N | 43.18 2.74 0.04 N | 34.31 2.04 0.54 N | 32.86 1.53 0.00 N |
| E_FISHKILL___LBMP 23776 | 57.86 0.57 0.00 N | 41.14 0.31 -2.21 N | 31.21 0.18 0.00 N | 34.14 0.29 0.00 N | 38.27 0.36 0.00 N | 39.41 0.36 -2.85 N | 59.07 0.26 -33.99 N | 63.45 0.42 -9.07 N | 57.90 0.34 -8.15 N | 61.00 0.38 0.00 N | 56.73 0.30 0.00 N | 61.73 0.34 -11.32 N | 60.27 0.36 -9.07 N | 64.86 0.37 -15.73 N | 65.41 0.28 -25.42 N | 64.08 0.30 -1.16 N | 60.80 0.35 -8.55 N | 55.84 0.42 -0.79 N | 72.87 0.69 0.00 N | 68.58 0.48 0.00 N | 54.32 0.40 -0.76 N | 42.28 0.31 -1.49 N | 51.54 0.30 -18.42 N | 31.58 0.25 0.00 N |
| FAR ROCKAWAY___4 23548 | 62.99 2.66 -3.04 N | 44.75 1.13 -5.01 N | 31.67 0.64 0.00 N | 34.67 0.82 0.00 N | 40.15 0.98 -1.26 N | 57.01 1.18 -19.63 N | 59.78 1.04 -33.91 N | 65.22 2.23 -9.02 N | 63.94 1.75 -12.79 N | 65.16 2.23 -2.31 N | 65.37 2.10 -6.84 N | 64.44 1.82 -12.54 N | 62.12 1.97 -9.31 N | 66.31 1.98 -15.56 N | 66.24 1.49 -25.03 N | 65.80 2.04 -1.14 N | 66.73 1.51 -13.32 N | 66.64 1.04 -10.97 N | 74.45 1.64 -0.63 N | 69.21 1.11 0.00 N | 65.18 1.87 -10.15 N | 77.97 1.35 -36.14 N | 60.73 1.10 -26.82 N | 58.61 0.91 -26.37 N |
| FENNER___WINDPWR 24204 | 58.19 0.90 0.00 N | 39.30 0.62 -0.06 N | 31.59 0.55 0.00 N | 34.39 0.54 0.00 N | 38.50 0.58 0.00 N | 36.92 0.65 -0.07 N | 26.23 0.54 -0.87 N | 55.42 1.25 -0.20 N | 50.79 1.17 -0.22 N | 62.02 1.39 0.00 N | 57.72 1.29 0.00 N | 51.52 1.14 -0.31 N | 52.27 1.18 -0.25 N | 50.31 1.11 -0.43 N | 41.31 0.89 -0.70 N | 63.99 1.34 -0.03 N | 53.25 1.12 -0.23 N | 55.87 1.21 -0.02 N | 73.81 1.63 0.00 N | 69.65 1.55 0.00 N | 54.32 1.14 -0.02 N | 41.35 0.83 -0.04 N | 33.92 0.61 -0.49 N | 31.81 0.48 0.00 N |
| FIBERTEK___ENERGY 23856 | 56.44 -0.85 0.00 N | 38.26 -0.57 -0.22 N | 30.66 -0.37 0.00 N | 33.43 -0.42 0.00 N | 37.39 -0.53 0.00 N | 36.06 -0.41 -0.27 N | 27.85 -0.26 -3.29 N | 54.24 -0.58 -0.85 N | 49.53 -0.67 -0.79 N | 59.49 -1.13 0.00 N | 55.42 -1.01 0.00 N | 50.20 -0.98 -1.10 N | 50.70 -1.02 -0.88 N | 49.25 -1.05 -1.54 N | 41.35 -0.86 -2.49 N | 61.40 -1.33 -0.11 N | 51.59 -1.15 -0.84 N | 53.56 -1.15 -0.08 N | 70.47 -1.71 0.00 N | 66.62 -1.48 0.00 N | 52.06 -1.17 -0.07 N | 39.96 -0.67 -0.15 N | 34.13 -0.50 -1.80 N | 30.84 -0.49 0.00 N |
| FITZPATRICK___ 23598 | 55.88 -1.41 0.00 N | 37.81 -0.94 -0.13 N | 30.34 -0.69 0.00 N | 33.06 -0.79 0.00 N | 36.99 -0.92 0.00 N | 35.51 -0.85 -0.17 N | 26.27 -0.59 -2.03 N | 53.18 -1.31 -0.52 N | 48.67 -1.23 -0.49 N | 59.07 -1.55 0.00 N | 55.02 -1.41 0.00 N | 49.47 -1.29 -0.68 N | 50.06 -1.33 -0.55 N | 48.40 -1.32 -0.95 N | 40.19 -1.07 -1.54 N | 61.03 -1.66 -0.07 N | 51.00 -1.42 -0.52 N | 53.21 -1.47 -0.05 N | 70.14 -2.04 0.00 N | 66.27 -1.84 0.00 N | 51.74 -1.47 -0.05 N | 39.48 -1.09 -0.09 N | 33.09 -0.85 -1.12 N | 30.52 -0.81 0.00 N |
| FORT ORANGE___ 23900 | 61.03 3.73 0.00 N | 44.14 2.82 -2.71 N | 33.18 2.14 0.00 N | 36.18 2.33 0.00 N | 40.55 2.64 0.00 N | 42.09 2.40 -3.49 N | 67.81 1.48 -41.51 N | 67.96 2.93 -11.06 N | 62.00 2.64 -9.96 N | 63.76 3.14 0.00 N | 59.46 3.03 0.00 N | 66.81 2.93 -13.81 N | 64.93 3.02 -11.07 N | 70.91 2.94 -19.20 N | 73.23 2.43 -31.09 N | 67.53 3.50 -1.41 N | 65.59 3.21 -10.48 N | 58.88 3.27 -0.97 N | 77.03 4.85 0.00 N | 72.02 3.92 0.00 N | 57.24 3.15 -0.93 N | 45.96 3.65 -1.82 N | 58.17 2.75 -22.60 N | 33.83 2.50 0.00 N |
| FORT_DRUM_COGEN 23780 | 56.82 -0.47 0.00 N | 38.30 -0.37 -0.05 N | 30.71 -0.32 0.00 N | 33.50 -0.35 0.00 N | 37.54 -0.37 0.00 N | 36.04 -0.22 -0.06 N | 25.44 -0.14 -0.76 N | 54.11 -0.04 -0.19 N | 49.63 0.04 -0.19 N | 60.74 0.12 0.00 N | 56.55 0.12 0.00 N | 50.45 0.10 -0.27 N | 51.23 0.18 -0.22 N | 49.34 0.20 -0.37 N | 40.45 0.13 -0.60 N | 62.76 0.11 -0.03 N | 52.17 0.07 -0.20 N | 54.81 0.16 -0.02 N | 72.67 0.49 0.00 N | 68.39 0.28 0.00 N | 53.34 0.16 -0.02 N | 40.71 0.19 -0.03 N | 33.18 -0.06 -0.42 N | 31.11 -0.23 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 62.99 2.66 -3.04 N | 44.75 1.13 -5.01 N | 31.67 0.64 0.00 N | 34.67 0.82 0.00 N | 40.15 0.98 -1.26 N | 57.01 1.18 -19.63 N | 59.78 1.04 -33.91 N | 65.22 2.23 -9.02 N | 63.94 1.75 -12.79 N | 65.16 2.23 -2.31 N | 65.37 2.10 -6.84 N | 64.44 1.82 -12.54 N | 62.12 1.97 -9.31 N | 66.31 1.98 -15.56 N | 66.24 1.49 -25.03 N | 65.80 2.04 -1.14 N | 66.73 1.51 -13.32 N | 66.64 1.04 -10.97 N | 74.45 1.64 -0.63 N | 69.21 1.11 0.00 N | 65.18 1.87 -10.15 N | 77.97 1.35 -36.14 N | 60.73 1.10 -26.82 N | 58.61 0.91 -26.37 N |

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| FPL FAR_ROCK_GT2 23815 | 62.99 2.66 -3.04 N | 44.75 1.13 -5.01 N | 31.67 0.64 0.00 N | 34.67 0.82 0.00 N | 40.15 0.98 -1.26 N | 57.01 1.18 -19.63 N | 59.78 1.04 -33.91 N | 65.22 2.23 -9.02 N | 63.94 1.75 -12.79 N | 65.16 2.23 -2.31 N | 65.37 2.10 -6.84 N | 64.44 1.82 -12.54 N | 62.12 1.97 -9.31 N | 66.31 1.98 -15.56 N | 66.24 1.49 -25.03 N | 65.80 2.04 -1.14 N | 66.73 1.51 -13.32 N | 66.64 1.04 -10.97 N | 74.45 1.64 -0.63 N | 69.21 1.11 0.00 N | 65.18 1.87 -10.15 N | 77.97 1.35 -36.14 N | 60.73 1.10 -26.82 N | 58.61 0.91 -26.37 N |
| FRANKLIN_FALL_HYD 24054 | 57.26 -0.04 0.00 N | 38.44 -0.07 0.11 N | 30.99 -0.05 0.00 N | 33.81 -0.04 0.00 N | 37.92 0.01 0.00 N | 36.11 0.06 0.15 N | 23.02 -0.10 1.71 N | 53.18 -0.32 0.47 N | 48.64 -0.36 0.40 N | 60.39 -0.24 0.00 N | 56.25 -0.18 0.00 N | 49.35 -0.18 0.54 N | 50.16 -0.25 0.43 N | 47.84 -0.17 0.75 N | 38.43 -0.07 1.22 N | 62.57 0.00 0.06 N | 51.52 0.04 0.42 N | 54.59 0.00 0.04 N | 72.31 0.13 0.00 N | 68.14 0.04 0.00 N | 53.37 0.25 0.04 N | 40.53 0.12 0.07 N | 31.98 0.09 0.92 N | 31.48 0.14 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 63.23 2.90 -3.04 N | 44.79 1.16 -5.01 N | 31.63 0.60 0.00 N | 34.61 0.76 0.00 N | 40.08 0.91 -1.26 N | 56.88 1.05 -19.63 N | 59.62 0.88 -33.91 N | 64.82 1.84 -9.02 N | 63.95 1.76 -12.79 N | 64.93 2.00 -2.31 N | 65.10 1.83 -6.84 N | 64.17 1.55 -12.54 N | 61.75 1.59 -9.31 N | 65.89 1.57 -15.56 N | 65.90 1.15 -25.03 N | 65.38 1.63 -1.14 N | 66.84 1.62 -13.32 N | 67.39 1.79 -10.97 N | 75.27 2.46 -0.63 N | 70.03 1.93 0.00 N | 64.88 1.57 -10.15 N | 77.80 1.18 -36.14 N | 60.68 1.04 -26.82 N | 58.64 0.94 -26.37 N |
| FULTON COGEN____ 23766 | 56.46 -0.84 0.00 N | 38.21 -0.58 -0.17 N | 30.64 -0.40 0.00 N | 33.36 -0.49 0.00 N | 37.33 -0.58 0.00 N | 35.91 -0.50 -0.22 N | 27.13 -0.29 -2.60 N | 54.04 -0.61 -0.68 N | 49.45 -0.58 -0.63 N | 59.81 -0.81 0.00 N | 55.72 -0.71 0.00 N | 50.26 -0.68 -0.87 N | 50.82 -0.73 -0.70 N | 49.24 -0.74 -1.21 N | 41.05 -0.64 -1.97 N | 61.69 -1.02 -0.09 N | 51.68 -0.88 -0.66 N | 53.82 -0.88 -0.06 N | 70.98 -1.20 0.00 N | 67.03 -1.08 0.00 N | 52.32 -0.90 -0.06 N | 39.93 -0.66 -0.11 N | 33.71 -0.54 -1.42 N | 30.78 -0.55 0.00 N |
| Freeport____CT2 23818 | 63.23 2.90 -3.04 N | 44.79 1.16 -5.01 N | 31.63 0.60 0.00 N | 34.61 0.76 0.00 N | 40.08 0.91 -1.26 N | 56.88 1.05 -19.63 N | 59.62 0.88 -33.91 N | 64.82 1.84 -9.02 N | 63.95 1.76 -12.79 N | 64.93 2.00 -2.31 N | 65.10 1.83 -6.84 N | 64.17 1.55 -12.54 N | 61.75 1.59 -9.31 N | 65.89 1.57 -15.56 N | 65.90 1.15 -25.03 N | 65.38 1.63 -1.14 N | 66.84 1.62 -13.32 N | 67.39 1.79 -10.97 N | 75.27 2.46 -0.63 N | 70.03 1.93 0.00 N | 64.88 1.57 -10.15 N | 77.80 1.18 -36.14 N | 60.68 1.04 -26.82 N | 58.64 0.94 -26.37 N |
| G.F.CEMENT____DRP 24184 | 61.64 4.34 0.00 N | 44.57 3.14 -2.81 N | 33.27 2.23 0.00 N | 36.17 2.32 0.00 N | 40.77 2.86 0.00 N | 42.64 2.81 -3.63 N | 70.14 2.12 -43.20 N | 70.61 5.12 -11.52 N | 64.66 4.91 -10.35 N | 66.32 5.70 0.00 N | 61.35 4.92 0.00 N | 69.45 4.93 -14.44 N | 67.71 5.30 -11.57 N | 73.47 4.62 -20.08 N | 75.92 3.69 -32.51 N | 69.24 5.14 -1.48 N | 66.91 4.11 -10.90 N | 59.96 4.31 -1.01 N | 78.23 6.05 0.00 N | 73.21 5.11 0.00 N | 59.06 4.94 -0.96 N | 46.22 3.85 -1.89 N | 59.15 2.92 -23.41 N | 33.81 2.48 0.00 N |
| GARDENVILLE____LBMP 24039 | 52.77 -4.52 0.00 N | 35.93 -3.06 -0.37 N | 28.74 -2.30 0.00 N | 31.63 -2.22 0.00 N | 35.30 -2.61 0.00 N | 34.19 -2.48 -0.48 N | 28.38 -2.11 -5.66 N | 50.17 -5.30 -1.50 N | 45.60 -5.17 -1.36 N | 54.24 -6.38 0.00 N | 50.82 -5.61 0.00 N | 46.57 -5.39 -1.88 N | 46.79 -5.56 -1.51 N | 45.63 -5.74 -2.62 N | 39.50 -4.46 -4.24 N | 56.04 -6.77 -0.19 N | 47.22 -6.11 -1.43 N | 48.49 -6.28 -0.13 N | 62.73 -9.45 0.00 N | 59.98 -8.12 0.00 N | 46.89 -6.39 -0.13 N | 36.03 -4.70 -0.25 N | 32.59 -3.31 -3.07 N | 28.63 -2.70 0.00 N |
| GENERAL____MILLS 23808 | 54.46 -2.84 0.00 N | 37.03 -1.96 -0.37 N | 29.61 -1.43 0.00 N | 32.35 -1.50 0.00 N | 36.13 -1.79 0.00 N | 35.01 -1.66 -0.48 N | 29.13 -1.38 -5.69 N | 52.12 -3.35 -1.50 N | 47.44 -3.33 -1.37 N | 56.69 -3.94 0.00 N | 53.04 -3.39 0.00 N | 48.49 -3.47 -1.89 N | 48.69 -3.66 -1.51 N | 47.60 -3.80 -2.63 N | 40.97 -3.01 -4.26 N | 58.36 -4.45 -0.19 N | 49.27 -4.06 -1.43 N | 50.60 -4.16 -0.13 N | 65.97 -6.21 0.00 N | 62.82 -5.28 0.00 N | 49.09 -4.20 -0.13 N | 37.70 -3.03 -0.25 N | 33.74 -2.17 -3.09 N | 29.56 -1.78 0.00 N |
| GE_PLASTICS____DRP 24183 | 60.66 3.37 0.00 N | 43.84 2.48 -2.74 N | 32.93 1.90 0.00 N | 35.88 2.03 0.00 N | 40.23 2.32 0.00 N | 41.86 2.13 -3.54 N | 68.50 1.60 -42.08 N | 68.91 3.73 -11.21 N | 63.00 3.51 -10.09 N | 64.85 4.23 0.00 N | 60.33 3.90 0.00 N | 67.73 3.71 -13.94 N | 65.87 3.86 -11.17 N | 71.89 3.73 -19.39 N | 74.18 3.07 -31.39 N | 68.69 4.65 -1.43 N | 66.56 4.05 -10.60 N | 59.74 4.12 -0.99 N | 77.97 5.78 0.00 N | 73.15 5.05 0.00 N | 58.17 4.07 -0.94 N | 45.56 3.23 -1.85 N | 57.98 2.31 -22.85 N | 33.40 2.06 0.00 N |
| GILBOA____1 23756 | 60.37 3.07 0.00 N | 43.20 2.46 -2.13 N | 32.93 1.90 0.00 N | 35.90 2.05 0.00 N | 40.21 2.30 0.00 N | 40.90 1.96 -2.75 N | 58.94 1.40 -32.71 N | 65.92 3.23 -8.72 N | 60.26 3.03 -7.83 N | 64.15 3.52 0.00 N | 59.68 3.25 0.00 N | 64.01 3.07 -10.86 N | 62.89 3.35 -8.71 N | 67.15 3.27 -15.11 N | 66.87 2.68 -24.47 N | 67.77 4.03 -1.11 N | 63.70 3.56 -8.24 N | 58.91 3.51 -0.76 N | 77.13 4.94 0.00 N | 72.34 4.24 0.00 N | 57.34 3.45 -0.73 N | 44.75 2.84 -1.43 N | 52.58 2.02 -17.74 N | 33.17 1.83 0.00 N |
| GILBOA____2 23757 | 60.37 3.07 0.00 N | 43.20 2.46 -2.13 N | 32.93 1.90 0.00 N | 35.90 2.05 0.00 N | 40.21 2.30 0.00 N | 40.90 1.96 -2.75 N | 58.94 1.40 -32.71 N | 65.92 3.23 -8.72 N | 60.26 3.03 -7.83 N | 64.15 3.52 0.00 N | 59.68 3.25 0.00 N | 64.01 3.07 -10.86 N | 62.89 3.35 -8.71 N | 67.15 3.27 -15.11 N | 66.87 2.68 -24.47 N | 67.77 4.03 -1.11 N | 63.70 3.56 -8.24 N | 58.91 3.51 -0.76 N | 77.13 4.94 0.00 N | 72.34 4.24 0.00 N | 57.34 3.45 -0.73 N | 44.75 2.84 -1.43 N | 52.58 2.02 -17.74 N | 33.17 1.83 0.00 N |
| GILBOA____3 23758 | 60.37 3.07 0.00 N | 43.20 2.46 -2.13 N | 32.93 1.90 0.00 N | 35.90 2.05 0.00 N | 40.21 2.30 0.00 N | 40.90 1.96 -2.75 N | 58.94 1.40 -32.71 N | 65.92 3.23 -8.72 N | 60.26 3.03 -7.83 N | 64.15 3.52 0.00 N | 59.68 3.25 0.00 N | 64.01 3.07 -10.86 N | 62.89 3.35 -8.71 N | 67.15 3.27 -15.11 N | 66.87 2.68 -24.47 N | 67.77 4.03 -1.11 N | 63.70 3.56 -8.24 N | 58.91 3.51 -0.76 N | 77.13 4.94 0.00 N | 72.34 4.24 0.00 N | 57.34 3.45 -0.73 N | 44.75 2.84 -1.43 N | 52.58 2.02 -17.74 N | 33.17 1.83 0.00 N |
| GILBOA____4 23759 | 60.37 3.07 0.00 N | 43.20 2.46 -2.13 N | 32.93 1.90 0.00 N | 35.90 2.05 0.00 N | 40.21 2.30 0.00 N | 40.90 1.96 -2.75 N | 58.94 1.40 -32.71 N | 65.92 3.23 -8.72 N | 60.26 3.03 -7.83 N | 64.15 3.52 0.00 N | 59.68 3.25 0.00 N | 64.01 3.07 -10.86 N | 62.89 3.35 -8.71 N | 67.15 3.27 -15.11 N | 66.87 2.68 -24.47 N | 67.77 4.03 -1.11 N | 63.70 3.56 -8.24 N | 58.91 3.51 -0.76 N | 77.13 4.94 0.00 N | 72.34 4.24 0.00 N | 57.34 3.45 -0.73 N | 44.75 2.84 -1.43 N | 52.58 2.02 -17.74 N | 33.17 1.83 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| GILBOA____ 23599 | 60.37 3.07 0.00 N | 43.20 2.46 -2.13 N | 32.93 1.90 0.00 N | 35.90 2.05 0.00 N | 40.21 2.30 0.00 N | 40.90 1.96 -2.75 N | 58.94 1.40 -32.71 N | 65.92 3.23 -8.72 N | 60.26 3.03 -7.83 N | 64.15 3.52 0.00 N | 59.68 3.25 0.00 N | 64.01 3.07 -10.86 N | 62.89 3.35 -8.71 N | 67.15 3.27 -15.11 N | 66.87 2.68 -24.47 N | 67.77 4.03 -1.11 N | 63.70 3.56 -8.24 N | 58.91 3.51 -0.76 N | 77.13 4.94 0.00 N | 72.34 4.24 0.00 N | 57.34 3.45 -0.73 N | 44.75 2.84 -1.43 N | 52.58 2.02 -17.74 N | 33.17 1.83 0.00 N |
| GINNA____ 23603 | 55.70 -1.60 0.00 N | 37.85 -1.03 -0.26 N | 30.19 -0.85 0.00 N | 32.89 -0.97 0.00 N | 36.77 -1.14 0.00 N | 35.58 -0.96 -0.35 N | 28.46 -0.47 -4.10 N | 54.50 -0.59 -1.12 N | 49.83 -0.55 -0.97 N | 59.90 -0.72 0.00 N | 55.99 -0.44 0.00 N | 51.05 -0.37 -1.35 N | 51.49 -0.42 -1.08 N | 50.09 -0.55 -1.87 N | 42.37 -0.38 -3.03 N | 62.28 -0.47 -0.14 N | 52.44 -0.48 -1.02 N | 54.29 -0.44 -0.09 N | 71.70 -0.48 0.00 N | 67.50 -0.60 0.00 N | 52.80 -0.45 -0.09 N | 40.38 -0.28 -0.18 N | 34.56 -0.46 -2.20 N | 30.87 -0.46 0.00 N |
| GLEN PARK____ 23778 | 57.42 0.12 0.00 N | 38.71 0.02 -0.07 N | 31.03 -0.01 0.00 N | 33.84 -0.01 0.00 N | 37.92 0.01 0.00 N | 36.45 0.16 -0.09 N | 26.05 0.16 -1.06 N | 54.91 0.64 -0.30 N | 50.31 0.66 -0.25 N | 61.49 0.87 0.00 N | 57.24 0.81 0.00 N | 51.15 0.73 -0.35 N | 51.91 0.79 -0.28 N | 50.03 0.78 -0.49 N | 41.10 0.60 -0.79 N | 63.49 0.84 -0.04 N | 52.83 0.67 -0.26 N | 55.45 0.79 -0.02 N | 73.58 1.40 0.00 N | 69.26 1.15 0.00 N | 53.98 0.79 -0.02 N | 41.18 0.65 -0.04 N | 33.69 0.31 -0.55 N | 31.44 0.11 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| GLENWOOD_IC_2_G1 23688 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| GLENWOOD_IC_3_G1 23689 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| GLENWOOD____4 23550 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| GLENWOOD____5 23614 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| GLOBAL GREEN_PORT_GT1 23814 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| GOUDEY____7 23579 | 57.63 0.33 0.00 N | 39.50 0.17 -0.71 N | 31.18 0.15 0.00 N | 34.34 0.49 0.00 N | 38.41 0.50 0.00 N | 37.81 0.69 -0.92 N | 36.32 0.54 -10.96 N | 57.68 0.77 -2.94 N | 52.76 0.74 -2.61 N | 61.55 0.93 0.00 N | 57.08 0.65 0.00 N | 54.05 0.35 -3.62 N | 54.14 0.40 -2.90 N | 54.24 0.44 -5.04 N | 48.26 0.36 -8.18 N | 63.36 0.37 -0.37 N | 55.21 0.55 -2.76 N | 55.55 0.66 -0.26 N | 73.01 0.83 0.00 N | 69.03 0.92 0.00 N | 54.01 0.60 -0.24 N | 41.25 0.29 -0.48 N | 39.06 0.31 -5.93 N | 31.48 0.15 0.00 N |
| GOUDEY____8 23580 | 57.29 -0.01 0.00 N | 39.31 -0.02 -0.71 N | 31.09 0.06 0.00 N | 34.21 0.36 0.00 N | 38.23 0.32 0.00 N | 37.67 0.55 -0.92 N | 36.20 0.42 -10.96 N | 57.29 0.38 -2.94 N | 52.40 0.38 -2.61 N | 61.11 0.49 0.00 N | 56.67 0.24 0.00 N | 53.68 -0.02 -3.62 N | 53.77 0.03 -2.90 N | 53.89 0.09 -5.04 N | 47.97 0.07 -8.18 N | 62.91 -0.08 -0.37 N | 54.82 0.16 -2.76 N | 55.15 0.26 -0.26 N | 72.46 0.28 0.00 N | 68.51 0.41 0.00 N | 53.61 0.20 -0.24 N | 40.97 0.01 -0.48 N | 38.89 0.14 -5.93 N | 31.37 0.04 0.00 N |
| GOWANUS_GT_1_GRP 23732 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT_2_GRP 23617 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|-------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| 23618 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT_4_GRP 23751 | 60.06 | 42.21 | 32.01 | 34.99 | 39.20 | 40.54 | 61.19 | 75.64 | 63.64 | 64.24 | 60.75 | 64.15 | 62.68 | 67.23 | 67.08 | 68.24 | 64.23 | 61.33 | 115.30 | 138.28 | 66.24 | 66.25 | 55.35 | 36.16 |
| | 2.77 | 1.42 | 0.97 | 1.14 | 1.29 | 1.54 | 1.28 | 2.92 | 2.80 | 3.59 | 3.20 | 2.88 | 2.87 | 2.91 | 2.29 | 3.15 | 2.79 | 2.96 | 4.12 | 3.43 | 2.64 | 1.87 | 1.59 | 1.36 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_1 24077 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_2 24078 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_3 24079 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_4 24080 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_5 24084 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_6 24111 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_7 24112 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT1_8 24113 | 60.03 | 42.19 | 32.00 | 34.98 | 39.18 | 40.53 | 61.17 | 75.61 | 63.60 | 64.20 | 60.71 | 64.11 | 62.64 | 67.20 | 67.05 | 68.19 | 64.19 | 61.29 | 115.24 | 138.23 | 66.21 | 66.23 | 55.33 | 36.15 |
| | 2.73 | 1.40 | 0.96 | 1.13 | 1.27 | 1.52 | 1.27 | 2.89 | 2.76 | 3.55 | 3.15 | 2.84 | 2.83 | 2.87 | 2.26 | 3.10 | 2.75 | 2.92 | 4.07 | 3.37 | 2.60 | 1.85 | 1.57 | 1.35 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT2_1 24114 | 60.06 | 42.21 | 32.01 | 34.99 | 39.20 | 40.54 | 61.19 | 75.64 | 63.64 | 64.24 | 60.75 | 64.15 | 62.68 | 67.23 | 67.08 | 68.24 | 64.23 | 61.33 | 115.30 | 138.28 | 66.24 | 66.25 | 55.35 | 36.16 |
| | 2.77 | 1.42 | 0.97 | 1.14 | 1.29 | 1.54 | 1.28 | 2.92 | 2.80 | 3.59 | 3.20 | 2.88 | 2.87 | 2.91 | 2.29 | 3.15 | 2.79 | 2.96 | 4.12 | 3.43 | 2.64 | 1.87 | 1.59 | 1.36 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT2_2 24115 | 60.06 | 42.21 | 32.01 | 34.99 | 39.20 | 40.54 | 61.19 | 75.64 | 63.64 | 64.24 | 60.75 | 64.15 | 62.68 | 67.23 | 67.08 | 68.24 | 64.23 | 61.33 | 115.30 | 138.28 | 66.24 | 66.25 | 55.35 | 36.16 |
| | 2.77 | 1.42 | 0.97 | 1.14 | 1.29 | 1.54 | 1.28 | 2.92 | 2.80 | 3.59 | 3.20 | 2.88 | 2.87 | 2.91 | 2.29 | 3.15 | 2.79 | 2.96 | 4.12 | 3.43 | 2.64 | 1.87 | 1.59 | 1.36 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT2_3 24116 | 60.06 | 42.21 | 32.01 | 34.99 | 39.20 | 40.54 | 61.19 | 75.64 | 63.64 | 64.24 | 60.75 | 64.15 | 62.68 | 67.23 | 67.08 | 68.24 | 64.23 | 61.33 | 115.30 | 138.28 | 66.24 | 66.25 | 55.35 | 36.16 |
| | 2.77 | 1.42 | 0.97 | 1.14 | 1.29 | 1.54 | 1.28 | 2.92 | 2.80 | 3.59 | 3.20 | 2.88 | 2.87 | 2.91 | 2.29 | 3.15 | 2.79 | 2.96 | 4.12 | 3.43 | 2.64 | 1.87 | 1.59 | 1.36 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | 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_GT2_4 24117 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT2_5 24118 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT2_6 24119 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT2_7 24120 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT2_8 24121 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT3_1 24122 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_2 24123 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_3 24124 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_4 24125 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_5 24126 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_6 24127 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_7 24128 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |
| GOWANUS_GT3_8 24129 | 60.03 2.73 0.00 N | 42.19 1.40 -2.17 N | 32.00 0.96 0.00 N | 34.98 1.13 0.00 N | 39.18 1.27 0.00 N | 40.53 1.52 -2.81 N | 61.17 1.27 -35.08 N | 75.61 2.89 -18.75 N | 63.60 2.76 -11.43 N | 64.20 3.55 -0.03 N | 60.71 3.15 -1.12 N | 64.11 2.84 -11.19 N | 62.64 2.83 -8.97 N | 67.20 2.87 -15.56 N | 67.05 2.26 -25.06 N | 68.19 3.10 -2.47 N | 64.19 2.75 -9.54 N | 61.29 2.92 -3.74 N | 115.24 4.07 -39.00 N | 138.23 3.37 -66.75 N | 66.21 2.60 -10.44 N | 66.23 1.85 -23.90 N | 55.33 1.57 -20.94 N | 36.15 1.35 -3.47 N |

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| GOWANUS_GT4_1 24130 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_2 24131 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_3 24132 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_4 24133 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_5 24134 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_6 24135 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_7 24136 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GOWANUS_GT4_8 24137 | 60.06 2.77 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 34.99 1.14 0.00 N | 39.20 1.29 0.00 N | 40.54 1.54 -2.81 N | 61.19 1.28 -35.08 N | 75.64 2.92 -18.75 N | 63.64 2.80 -11.43 N | 64.24 3.59 -0.03 N | 60.75 3.20 -1.12 N | 64.15 2.88 -11.19 N | 62.68 2.87 -8.97 N | 67.23 2.91 -15.56 N | 67.08 2.29 -25.06 N | 68.24 3.15 -2.47 N | 64.23 2.79 -9.54 N | 61.33 2.96 -3.74 N | 115.30 4.12 -39.00 N | 138.28 3.43 -66.75 N | 66.24 2.64 -10.44 N | 66.25 1.87 -23.90 N | 55.35 1.59 -20.94 N | 36.16 1.36 -3.47 N |
| GRAHMSVILLE__HY 23607 | 59.29 1.99 0.00 N | 41.52 1.05 -1.85 N | 31.89 0.85 0.00 N | 34.81 0.96 0.00 N | 39.02 1.10 0.00 N | 39.89 1.29 -2.40 N | 54.40 1.07 -28.50 N | 63.92 2.37 -7.58 N | 58.44 2.25 -6.79 N | 63.48 2.86 0.00 N | 59.03 2.60 0.00 N | 61.65 2.20 -9.38 N | 60.62 2.26 -7.52 N | 64.13 2.32 -13.05 N | 62.77 1.81 -21.24 N | 66.49 2.91 -0.97 N | 61.68 2.54 -7.24 N | 58.06 2.75 -0.67 N | 76.23 4.05 0.00 N | 71.76 3.66 0.00 N | 56.59 2.78 -0.64 N | 43.61 1.87 -1.27 N | 49.93 1.46 -15.65 N | 32.57 1.23 0.00 N |
| GREENIDGE__3 23582 | 54.86 -2.43 0.00 N | 37.51 -1.54 -0.43 N | 30.18 -0.85 0.00 N | 33.20 -0.65 0.00 N | 36.91 -1.00 0.00 N | 36.17 -0.59 -0.56 N | 31.18 -0.29 -6.64 N | 54.85 -0.91 -1.79 N | 49.57 -1.42 -1.58 N | 58.56 -2.06 0.00 N | 54.59 -1.84 0.00 N | 50.44 -1.83 -2.19 N | 50.67 -1.92 -1.76 N | 49.82 -1.99 -3.05 N | 43.08 -1.59 -4.95 N | 60.38 -2.46 -0.22 N | 51.48 -2.08 -1.67 N | 53.09 -1.70 -0.15 N | 69.44 -2.74 0.00 N | 65.70 -2.41 0.00 N | 51.28 -2.03 -0.15 N | 39.14 -1.63 -0.29 N | 35.51 -0.90 -3.59 N | 30.66 -0.68 0.00 N |
| GREENIDGE__4 23583 | 54.46 -2.84 0.00 N | 37.29 -1.76 -0.43 N | 30.12 -0.92 0.00 N | 33.11 -0.74 0.00 N | 36.77 -1.14 0.00 N | 36.06 -0.70 -0.56 N | 31.12 -0.34 -6.64 N | 54.64 -1.12 -1.79 N | 49.27 -1.71 -1.58 N | 58.13 -2.49 0.00 N | 54.18 -2.25 0.00 N | 50.08 -2.19 -2.19 N | 50.31 -2.29 -1.76 N | 49.48 -2.34 -3.05 N | 42.79 -1.88 -4.95 N | 59.94 -2.90 -0.22 N | 51.12 -2.45 -1.67 N | 52.77 -2.02 -0.15 N | 68.95 -3.24 0.00 N | 65.20 -2.90 0.00 N | 50.90 -2.41 -0.15 N | 38.86 -1.91 -0.29 N | 35.37 -1.04 -3.59 N | 30.57 -0.76 0.00 N |
| HARZA MOOSE__RIVER 24016 | 57.98 0.68 0.00 N | 39.06 0.45 0.01 N | 31.37 0.34 0.00 N | 34.23 0.38 0.00 N | 38.34 0.43 0.00 N | 36.66 0.47 0.01 N | 25.09 0.36 0.09 N | 54.86 0.90 0.01 N | 50.26 0.88 0.03 N | 61.71 1.09 0.00 N | 57.44 1.01 0.00 N | 50.96 0.91 0.02 N | 51.79 0.97 0.02 N | 49.68 0.95 0.03 N | 40.40 0.74 0.06 N | 63.72 1.11 0.00 N | 52.81 0.93 0.02 N | 55.63 1.00 0.00 N | 73.60 1.42 0.00 N | 69.36 1.26 0.00 N | 54.13 0.97 0.00 N | 41.22 0.74 0.00 N | 33.25 0.50 0.07 N | 31.70 0.37 0.00 N |
| HEMPSTEAD____ 23647 | 63.06 2.72 -3.04 N | 44.71 1.08 -5.01 N | 31.60 0.56 0.00 N | 34.53 0.68 0.00 N | 39.98 0.81 -1.26 N | 56.78 0.95 -19.63 N | 59.56 0.83 -33.91 N | 64.74 1.75 -9.02 N | 63.87 1.68 -12.79 N | 65.02 2.09 -2.31 N | 65.15 1.88 -6.84 N | 64.28 1.66 -12.54 N | 61.89 1.74 -9.31 N | 66.05 1.73 -15.56 N | 66.04 1.29 -25.03 N | 65.52 1.76 -1.14 N | 66.86 1.64 -13.32 N | 67.41 1.81 -10.97 N | 75.33 2.53 -0.63 N | 70.14 2.04 0.00 N | 64.93 1.61 -10.15 N | 77.73 1.11 -36.14 N | 60.60 0.97 -26.82 N | 58.56 0.86 -26.37 N |

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| HICKLING___1 23621 | 57.35 0.05 0.00 N | 39.12 -0.06 -0.56 N | 31.06 0.03 0.00 N | 34.14 0.29 0.00 N | 38.20 0.29 0.00 N | 37.49 0.57 -0.73 N | 33.97 0.53 -8.62 N | 57.13 0.86 -2.30 N | 52.13 0.66 -2.06 N | 61.42 0.80 0.00 N | 57.00 0.57 0.00 N | 53.13 0.20 -2.86 N | 53.29 0.15 -2.29 N | 52.92 0.18 -3.98 N | 46.31 0.14 -6.45 N | 63.04 0.13 -0.29 N | 54.35 0.28 -2.18 N | 55.37 0.53 -0.20 N | 72.75 0.57 0.00 N | 68.93 0.83 0.00 N | 53.78 0.43 -0.19 N | 40.91 0.05 -0.38 N | 37.62 0.13 -4.68 N | 31.29 -0.04 0.00 N |
| HICKLING___2 23622 | 57.36 0.06 0.00 N | 39.13 -0.05 -0.56 N | 31.07 0.03 0.00 N | 34.15 0.30 0.00 N | 38.21 0.29 0.00 N | 37.50 0.58 -0.73 N | 33.97 0.53 -8.62 N | 57.14 0.88 -2.30 N | 52.14 0.68 -2.06 N | 61.44 0.82 0.00 N | 57.01 0.58 0.00 N | 53.14 0.21 -2.86 N | 53.30 0.17 -2.29 N | 52.93 0.19 -3.98 N | 46.32 0.15 -6.45 N | 63.06 0.15 -0.29 N | 54.37 0.29 -2.18 N | 55.39 0.55 -0.20 N | 72.78 0.60 0.00 N | 68.95 0.85 0.00 N | 53.80 0.44 -0.19 N | 40.92 0.06 -0.38 N | 37.63 0.14 -4.68 N | 31.30 -0.03 0.00 N |
| HIGH FALLS___HY 23754 | 59.27 1.97 0.00 N | 42.14 1.33 -2.19 N | 32.05 1.02 0.00 N | 34.99 1.14 0.00 N | 39.18 1.27 0.00 N | 40.29 1.27 -2.82 N | 59.35 0.92 -33.60 N | 64.93 2.04 -8.93 N | 59.37 1.92 -8.05 N | 63.02 2.39 0.00 N | 58.72 2.29 0.00 N | 63.29 2.07 -11.14 N | 61.81 2.04 -8.93 N | 66.18 1.93 -15.49 N | 66.36 1.51 -25.13 N | 66.07 2.30 -1.14 N | 61.55 1.19 -8.47 N | 56.51 1.09 -0.79 N | 73.71 1.53 0.00 N | 69.56 1.46 0.00 N | 54.98 1.07 -0.75 N | 42.75 0.80 -1.47 N | 51.65 0.60 -18.23 N | 31.80 0.47 0.00 N |
| HILLBURN___GT 23639 | 58.08 0.79 0.00 N | 40.97 0.27 -2.08 N | 31.23 0.20 0.00 N | 34.09 0.24 0.00 N | 38.24 0.33 0.00 N | 39.36 0.47 -2.70 N | 57.01 0.44 -31.76 N | 63.20 0.86 -8.37 N | 57.70 0.81 -7.48 N | 61.69 1.07 0.00 N | 57.35 0.92 0.00 N | 61.14 0.71 -10.35 N | 59.90 0.77 -8.30 N | 64.05 0.89 -14.40 N | 64.15 0.64 -23.79 N | 64.77 1.07 -1.09 N | 60.94 0.98 -8.06 N | 56.43 1.05 -0.75 N | 73.77 1.58 0.00 N | 69.41 1.31 0.00 N | 54.87 1.00 -0.71 N | 42.49 0.60 -1.40 N | 50.72 0.55 -17.35 N | 31.75 0.41 0.00 N |
| HOLTSVIL 1-5___GRP1 24031 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVIL6-10___GRP2 24032 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_1 23690 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_10 23699 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_2 23691 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_3 23692 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_4 23693 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_5 23694 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_6 23695 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |

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| HOLTSVILLE_IC_7 23696 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_8 23697 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HOLTSVILLE_IC_9 23698 | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| HQ_GEN_CEDARS 23644 | 58.06 0.77 0.00 N | 38.89 0.38 0.11 N | 31.31 0.28 0.00 N | 34.15 0.30 0.00 N | 38.31 0.40 0.00 N | 36.55 0.50 0.15 N | 23.53 0.43 1.72 N | 48.96 -4.53 0.47 N | 44.37 -4.63 0.40 N | 55.24 -5.38 0.00 N | 51.54 -4.89 0.00 N | 45.09 -4.44 0.54 N | 46.03 -4.38 0.43 N | 43.83 -4.18 0.75 N | 35.07 -3.43 1.22 N | 57.32 -5.24 0.06 N | 47.28 -4.20 0.42 N | 50.17 -4.42 0.04 N | 66.49 -5.69 0.00 N | 62.66 -5.45 0.00 N | 48.88 -4.25 0.04 N | 36.93 -3.48 0.08 N | 29.74 -2.15 0.93 N | 32.11 0.78 0.00 N |
| HQ_GEN_CHAT DC 23651 | 32.95 -3.25 8.90 N | 39.09 0.00 -0.47 N | 31.03 0.00 0.00 N | 33.85 0.00 0.00 N | 37.91 0.00 0.00 N | 36.81 0.00 -0.61 N | 32.09 0.00 -7.26 N | 55.92 0.00 -1.95 N | 51.13 0.00 -1.73 N | 60.62 0.00 0.00 N | 56.43 0.00 0.00 N | 52.48 0.00 -2.41 N | 52.77 0.00 -1.93 N | 71.00 -2.20 -10.30 N | 45.19 0.00 -5.47 N | 62.87 0.00 -0.25 N | 53.74 0.00 -1.84 N | 54.81 0.00 -0.17 N | 67.29 -2.27 -4.57 N | 68.10 0.00 0.00 N | 61.80 -2.49 -3.49 N | 50.09 -4.19 3.06 N | 36.76 0.00 -3.94 N | 31.33 0.00 0.00 N |
| HUDAV+59+74_TH_GRP 23620 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| HUDSON AVE_GT_3 23810 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| HUDSON AVE_GT_4 23540 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| HUDSON AVE_GT_5 23657 | 59.65 2.35 0.00 N | 41.93 1.14 -2.17 N | 31.76 0.72 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 40.31 1.31 -2.81 N | 59.45 1.11 -33.52 N | 65.46 2.47 -9.02 N | 59.87 2.40 -8.07 N | 63.71 3.08 0.00 N | 59.22 2.79 0.00 N | 63.77 2.50 -11.19 N | 62.36 2.55 -8.97 N | 66.89 2.57 -15.56 N | 66.74 1.98 -25.04 N | 66.46 2.70 -1.14 N | 62.75 2.43 -8.42 N | 58.04 2.62 -0.78 N | 75.83 3.65 0.00 N | 71.15 3.04 0.00 N | 56.26 2.35 -0.75 N | 43.61 1.66 -1.46 N | 52.35 1.41 -18.12 N | 32.54 1.21 0.00 N |
| HUDSON_AVE_10 24168 | 59.39 2.09 0.00 N | 41.76 0.97 -2.17 N | 31.68 0.65 0.00 N | 34.69 0.84 0.00 N | 38.90 0.99 0.00 N | 40.16 1.16 -2.81 N | 59.35 1.01 -33.52 N | 65.28 2.30 -9.02 N | 59.72 2.25 -8.07 N | 63.47 2.85 0.00 N | 59.02 2.59 0.00 N | 63.58 2.31 -11.19 N | 62.23 2.42 -8.97 N | 66.70 2.37 -15.56 N | 66.54 1.79 -25.04 N | 66.23 2.47 -1.14 N | 62.56 2.25 -8.42 N | 57.82 2.41 -0.78 N | 75.47 3.29 0.00 N | 70.81 2.71 0.00 N | 56.06 2.15 -0.75 N | 43.44 1.49 -1.46 N | 52.20 1.27 -18.12 N | 32.42 1.08 0.00 N |
| HUNTLEY___63 23557 | 54.45 -2.85 0.00 N | 37.06 -1.90 -0.34 N | 29.64 -1.39 0.00 N | 32.39 -1.46 0.00 N | 36.13 -1.78 0.00 N | 34.92 -1.73 -0.45 N | 28.66 -1.48 -5.31 N | 51.82 -3.59 -1.44 N | 47.06 -3.61 -1.27 N | 56.29 -4.33 0.00 N | 52.80 -3.63 0.00 N | 48.18 -3.66 -1.76 N | 48.41 -3.84 -1.41 N | 47.16 -4.05 -2.44 N | 40.51 -3.18 -3.96 N | 58.18 -4.61 -0.18 N | 48.95 -4.28 -1.33 N | 50.34 -4.42 -0.12 N | 65.55 -6.63 0.00 N | 62.37 -5.74 0.00 N | 48.77 -4.51 -0.12 N | 37.53 -3.19 -0.23 N | 33.37 -2.30 -2.85 N | 29.51 -1.83 0.00 N |
| HUNTLEY___64 23558 | 54.45 -2.85 0.00 N | 37.06 -1.90 -0.34 N | 29.64 -1.39 0.00 N | 32.39 -1.46 0.00 N | 36.13 -1.78 0.00 N | 34.92 -1.73 -0.45 N | 28.66 -1.48 -5.31 N | 51.82 -3.59 -1.44 N | 47.06 -3.61 -1.27 N | 56.29 -4.33 0.00 N | 52.80 -3.63 0.00 N | 48.18 -3.66 -1.76 N | 48.41 -3.84 -1.41 N | 47.16 -4.05 -2.44 N | 40.51 -3.18 -3.96 N | 58.18 -4.61 -0.18 N | 48.95 -4.28 -1.33 N | 50.34 -4.42 -0.12 N | 65.55 -6.63 0.00 N | 62.37 -5.74 0.00 N | 48.77 -4.51 -0.12 N | 37.53 -3.19 -0.23 N | 33.37 -2.30 -2.85 N | 29.51 -1.83 0.00 N |
| HUNTLEY___65 23559 | 54.45 -2.85 0.00 N | 37.06 -1.90 -0.34 N | 29.64 -1.39 0.00 N | 32.39 -1.46 0.00 N | 36.13 -1.78 0.00 N | 34.92 -1.73 -0.45 N | 28.66 -1.48 -5.31 N | 51.82 -3.59 -1.44 N | 47.06 -3.61 -1.27 N | 56.29 -4.33 0.00 N | 52.80 -3.63 0.00 N | 48.18 -3.66 -1.76 N | 48.41 -3.84 -1.41 N | 47.16 -4.05 -2.44 N | 40.51 -3.18 -3.96 N | 58.18 -4.61 -0.18 N | 48.95 -4.28 -1.33 N | 50.34 -4.42 -0.12 N | 65.55 -6.63 0.00 N | 62.37 -5.74 0.00 N | 48.77 -4.51 -0.12 N | 37.53 -3.19 -0.23 N | 33.37 -2.30 -2.85 N | 29.51 -1.83 0.00 N |

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| HUNTLEY___66 23560 | 54.45 -2.85 0.00 N | 37.06 -1.90 -0.34 N | 29.64 -1.39 0.00 N | 32.39 -1.46 0.00 N | 36.13 -1.78 0.00 N | 34.92 -1.73 -0.45 N | 28.66 -1.48 -5.31 N | 51.82 -3.59 -1.44 N | 47.06 -3.61 -1.27 N | 56.29 -4.33 0.00 N | 52.80 -3.63 0.00 N | 48.18 -3.66 -1.76 N | 48.41 -3.84 -1.41 N | 47.16 -4.05 -2.44 N | 40.51 -3.18 -3.96 N | 58.18 -4.61 -0.18 N | 48.95 -4.28 -1.33 N | 50.34 -4.42 -0.12 N | 65.55 -6.63 0.00 N | 62.37 -5.74 0.00 N | 48.77 -4.51 -0.12 N | 37.53 -3.19 -0.23 N | 33.37 -2.30 -2.85 N | 29.51 -1.83 0.00 N |
| HUNTLEY___67 23561 | 53.77 -3.52 0.00 N | 36.59 -2.38 -0.35 N | 29.30 -1.73 0.00 N | 32.01 -1.84 0.00 N | 35.70 -2.21 0.00 N | 34.56 -2.09 -0.46 N | 28.49 -1.74 -5.40 N | 51.19 -4.23 -1.46 N | 46.52 -4.17 -1.28 N | 55.64 -4.98 0.00 N | 52.17 -4.26 0.00 N | 47.63 -4.22 -1.78 N | 47.84 -4.42 -1.43 N | 46.62 -4.62 -2.47 N | 40.10 -3.63 -4.01 N | 57.46 -5.34 -0.18 N | 48.35 -4.90 -1.35 N | 49.68 -5.08 -0.13 N | 64.61 -7.57 0.00 N | 61.51 -6.60 0.00 N | 48.11 -5.17 -0.12 N | 37.06 -3.66 -0.23 N | 33.11 -2.62 -2.91 N | 29.25 -2.08 0.00 N |
| HUNTLEY___68 23562 | 53.77 -3.53 0.00 N | 36.59 -2.38 -0.35 N | 29.30 -1.73 0.00 N | 32.01 -1.84 0.00 N | 35.70 -2.21 0.00 N | 34.56 -2.09 -0.46 N | 28.49 -1.74 -5.40 N | 51.19 -4.24 -1.46 N | 46.52 -4.17 -1.28 N | 55.64 -4.98 0.00 N | 52.17 -4.26 0.00 N | 47.63 -4.22 -1.78 N | 47.84 -4.42 -1.43 N | 46.61 -4.63 -2.47 N | 40.10 -3.63 -4.01 N | 57.46 -5.34 -0.18 N | 48.35 -4.90 -1.35 N | 49.68 -5.08 -0.13 N | 64.60 -7.58 0.00 N | 61.51 -6.60 0.00 N | 48.11 -5.17 -0.12 N | 37.05 -3.66 -0.23 N | 33.11 -2.62 -2.91 N | 29.25 -2.08 0.00 N |
| INDECK___CORINTH 23802 | 60.58 3.28 0.00 N | 43.84 2.38 -2.84 N | 32.75 1.71 0.00 N | 35.58 1.73 0.00 N | 40.06 2.15 0.00 N | 41.97 2.12 -3.66 N | 69.89 1.54 -43.52 N | 69.51 3.88 -11.66 N | 63.63 3.78 -10.44 N | 64.90 4.27 0.00 N | 60.12 3.69 0.00 N | 68.42 3.77 -14.58 N | 66.90 4.37 -11.69 N | 72.97 3.93 -20.28 N | 75.85 3.30 -32.83 N | 68.98 4.86 -1.49 N | 66.52 3.62 -11.00 N | 59.37 3.72 -1.02 N | 77.23 5.05 0.00 N | 72.41 4.31 0.00 N | 57.99 3.85 -0.97 N | 45.27 2.88 -1.91 N | 58.69 2.27 -23.60 N | 33.28 1.94 0.00 N |
| INDECK___ILION 23567 | 58.62 1.32 0.00 N | 39.49 0.94 0.06 N | 31.74 0.70 0.00 N | 34.60 0.75 0.00 N | 38.82 0.91 0.00 N | 37.01 0.90 0.09 N | 24.53 0.73 1.03 N | 55.29 1.62 0.30 N | 50.74 1.57 0.24 N | 62.52 1.90 0.00 N | 58.11 1.68 0.00 N | 51.38 1.61 0.31 N | 52.22 1.63 0.25 N | 49.89 1.56 0.44 N | 40.25 1.25 0.71 N | 64.45 1.87 0.03 N | 53.30 1.64 0.25 N | 56.32 1.70 0.02 N | 74.47 2.29 0.00 N | 70.21 2.11 0.00 N | 54.80 1.66 0.02 N | 41.69 1.25 0.04 N | 33.21 0.94 0.54 N | 32.04 0.71 0.00 N |
| INDECK___OLEAN 23982 | 58.02 0.72 0.00 N | 39.27 0.27 -0.39 N | 31.35 0.32 0.00 N | 34.27 0.42 0.00 N | 38.44 0.53 0.00 N | 37.33 0.63 -0.51 N | 31.01 0.20 -5.98 N | 55.67 0.09 -1.61 N | 50.98 0.15 -1.42 N | 60.79 0.17 0.00 N | 56.73 0.30 0.00 N | 52.44 0.43 -1.93 N | 52.60 0.21 -1.55 N | 51.55 0.10 -2.69 N | 44.12 0.05 -4.36 N | 62.89 0.08 -0.20 N | 53.22 -0.15 -1.47 N | 54.78 0.01 -0.14 N | 71.98 -0.20 0.00 N | 68.64 0.54 0.00 N | 53.43 0.14 -0.13 N | 40.25 -0.49 -0.25 N | 35.95 -0.03 -3.16 N | 31.38 0.04 0.00 N |
| INDECK___OSWEGO 23783 | 56.43 -0.87 0.00 N | 38.19 -0.59 -0.16 N | 30.63 -0.40 0.00 N | 33.36 -0.49 0.00 N | 37.33 -0.58 0.00 N | 35.90 -0.51 -0.21 N | 27.01 -0.32 -2.50 N | 53.94 -0.69 -0.66 N | 49.35 -0.65 -0.60 N | 59.78 -0.84 0.00 N | 55.68 -0.75 0.00 N | 50.20 -0.71 -0.83 N | 50.77 -0.74 -0.67 N | 49.17 -0.75 -1.16 N | 40.98 -0.62 -1.88 N | 61.74 -0.97 -0.09 N | 51.68 -0.85 -0.63 N | 53.84 -0.85 -0.06 N | 71.02 -1.16 0.00 N | 67.07 -1.03 0.00 N | 52.36 -0.86 -0.06 N | 39.97 -0.62 -0.11 N | 33.68 -0.50 -1.36 N | 30.83 -0.50 0.00 N |
| INDECK___YERKES 23781 | 54.42 -2.88 0.00 N | 37.04 -1.92 -0.34 N | 29.63 -1.41 0.00 N | 32.38 -1.47 0.00 N | 36.11 -1.80 0.00 N | 34.90 -1.75 -0.45 N | 28.64 -1.49 -5.31 N | 51.78 -3.63 -1.44 N | 47.02 -3.65 -1.27 N | 56.24 -4.38 0.00 N | 52.76 -3.68 0.00 N | 48.14 -3.70 -1.76 N | 48.37 -3.88 -1.41 N | 47.12 -4.09 -2.44 N | 40.47 -3.21 -3.96 N | 58.14 -4.66 -0.18 N | 48.91 -4.32 -1.33 N | 50.29 -4.47 -0.12 N | 65.49 -6.70 0.00 N | 62.30 -5.80 0.00 N | 48.72 -4.56 -0.12 N | 37.50 -3.22 -0.23 N | 33.35 -2.32 -2.85 N | 29.48 -1.85 0.00 N |
| INDIAN POINT_GT_1 24139 | 58.80 1.50 0.00 N | 41.43 0.66 -2.16 N | 31.41 0.38 0.00 N | 34.40 0.55 0.00 N | 38.57 0.66 0.00 N | 39.81 0.83 -2.79 N | 58.75 0.71 -33.22 N | 64.42 1.57 -8.88 N | 58.88 1.52 -7.96 N | 62.57 1.95 0.00 N | 58.17 1.74 0.00 N | 62.65 1.54 -11.04 N | 61.27 1.59 -8.84 N | 65.73 1.62 -15.35 N | 65.74 1.22 -24.80 N | 65.39 1.65 -1.13 N | 61.78 1.54 -8.34 N | 57.08 1.67 -0.77 N | 74.55 2.37 0.00 N | 70.03 1.93 0.00 N | 55.40 1.50 -0.74 N | 42.96 1.03 -1.45 N | 51.68 0.89 -17.97 N | 32.07 0.73 0.00 N |
| INDIAN POINT_GT_2 23659 | 58.80 1.50 0.00 N | 41.43 0.66 -2.16 N | 31.41 0.38 0.00 N | 34.40 0.55 0.00 N | 38.57 0.66 0.00 N | 39.81 0.83 -2.79 N | 58.75 0.71 -33.22 N | 64.42 1.57 -8.88 N | 58.88 1.52 -7.96 N | 62.57 1.95 0.00 N | 58.17 1.74 0.00 N | 62.65 1.54 -11.04 N | 61.27 1.59 -8.84 N | 65.73 1.62 -15.35 N | 65.74 1.22 -24.80 N | 65.39 1.65 -1.13 N | 61.78 1.54 -8.34 N | 57.08 1.67 -0.77 N | 74.55 2.37 0.00 N | 70.03 1.93 0.00 N | 55.40 1.50 -0.74 N | 42.96 1.03 -1.45 N | 51.68 0.89 -17.97 N | 32.07 0.73 0.00 N |
| INDIAN POINT_GT_3 24019 | 58.80 1.50 0.00 N | 41.43 0.66 -2.16 N | 31.41 0.38 0.00 N | 34.40 0.55 0.00 N | 38.57 0.66 0.00 N | 39.81 0.83 -2.79 N | 58.75 0.71 -33.22 N | 64.42 1.57 -8.88 N | 58.88 1.52 -7.96 N | 62.57 1.95 0.00 N | 58.17 1.74 0.00 N | 62.65 1.54 -11.04 N | 61.27 1.59 -8.84 N | 65.73 1.62 -15.35 N | 65.74 1.22 -24.80 N | 65.39 1.65 -1.13 N | 61.78 1.54 -8.34 N | 57.08 1.67 -0.77 N | 74.55 2.37 0.00 N | 70.03 1.93 0.00 N | 55.40 1.50 -0.74 N | 42.96 1.03 -1.45 N | 51.68 0.89 -17.97 N | 32.07 0.73 0.00 N |
| INDIAN POINT___2 23530 | 58.49 1.19 0.00 N | 41.21 0.46 -2.13 N | 31.30 0.27 0.00 N | 34.22 0.37 0.00 N | 38.37 0.46 0.00 N | 39.60 0.65 -2.76 N | 58.05 0.60 -32.63 N | 63.86 1.30 -8.60 N | 58.44 1.27 -7.76 N | 62.27 1.65 0.00 N | 57.89 1.46 0.00 N | 62.10 1.28 -10.75 N | 60.78 1.32 -8.61 N | 65.08 1.37 -14.95 N | 65.18 1.02 -24.44 N | 65.07 1.33 -1.12 N | 61.43 1.28 -8.25 N | 56.79 1.39 -0.77 N | 74.18 2.00 0.00 N | 69.68 1.58 0.00 N | 55.11 1.22 -0.73 N | 42.72 0.81 -1.44 N | 51.30 0.71 -17.77 N | 31.90 0.56 0.00 N |
| INDIAN POINT___3 23531 | 58.35 1.05 0.00 N | 41.14 0.37 -2.16 N | 31.15 0.12 0.00 N | 34.15 0.30 0.00 N | 38.29 0.38 0.00 N | 39.55 0.57 -2.79 N | 58.84 0.53 -33.48 N | 64.15 1.13 -9.05 N | 58.63 1.11 -8.11 N | 62.07 1.45 0.00 N | 57.70 1.27 0.00 N | 62.45 1.12 -11.25 N | 61.02 1.16 -9.02 N | 65.63 1.21 -15.65 N | 65.53 0.89 -24.91 N | 64.89 1.14 -1.14 N | 61.36 1.11 -8.35 N | 56.62 1.21 -0.77 N | 73.95 1.77 0.00 N | 69.48 1.37 0.00 N | 54.97 1.06 -0.74 N | 42.63 0.70 -1.45 N | 51.42 0.63 -17.97 N | 31.82 0.49 0.00 N |

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| INDIAN_PT_GT_GRP 23687 | 58.80 1.50 0.00 N | 41.43 0.66 -2.16 N | 31.41 0.38 0.00 N | 34.40 0.55 0.00 N | 38.57 0.66 0.00 N | 39.81 0.83 -2.79 N | 58.75 0.71 -33.22 N | 64.42 1.57 -8.88 N | 58.88 1.52 -7.96 N | 62.57 1.95 0.00 N | 58.17 1.74 0.00 N | 62.65 1.54 -11.04 N | 61.27 1.59 -8.84 N | 65.73 1.62 -15.35 N | 65.74 1.22 -24.80 N | 65.39 1.65 -1.13 N | 61.78 1.54 -8.34 N | 57.08 1.67 -0.77 N | 74.55 2.37 0.00 N | 70.03 1.93 0.00 N | 55.40 1.50 -0.74 N | 42.96 1.03 -1.45 N | 51.68 0.89 -17.97 N | 32.07 0.73 0.00 N |
| IP_CORINTH___1 23988 | 60.58 3.28 0.00 N | 43.84 2.38 -2.84 N | 32.75 1.71 0.00 N | 35.58 1.73 0.00 N | 40.06 2.15 0.00 N | 41.97 2.12 -3.66 N | 69.89 1.54 -43.52 N | 69.51 3.88 -11.66 N | 63.63 3.78 -10.44 N | 64.90 4.27 0.00 N | 60.12 3.69 0.00 N | 68.42 3.77 -14.58 N | 66.90 4.37 -11.69 N | 72.97 3.93 -20.28 N | 75.85 3.30 -32.83 N | 68.98 4.86 -1.49 N | 66.52 3.62 -11.00 N | 59.37 3.72 -1.02 N | 77.23 5.05 0.00 N | 72.41 4.31 0.00 N | 57.99 3.85 -0.97 N | 45.27 2.88 -1.91 N | 58.69 2.27 -23.60 N | 33.28 1.94 0.00 N |
| IP___TICONDEROGA 23804 | 62.04 4.75 0.00 N | 44.49 3.13 -2.74 N | 32.96 1.93 0.00 N | 35.95 2.10 0.00 N | 40.66 2.75 0.00 N | 42.53 2.80 -3.54 N | 69.16 2.22 -42.11 N | 70.38 5.20 -11.22 N | 64.48 4.98 -10.10 N | 66.35 5.72 0.00 N | 61.41 4.98 0.00 N | 69.55 5.40 -14.08 N | 67.47 5.35 -11.28 N | 72.94 4.60 -19.58 N | 75.17 3.77 -31.68 N | 69.73 5.67 -1.44 N | 67.15 4.62 -10.63 N | 60.39 4.77 -0.99 N | 79.53 7.35 0.00 N | 74.23 6.12 0.00 N | 59.29 5.18 -0.94 N | 46.32 4.00 -1.85 N | 58.89 3.24 -22.83 N | 34.01 2.68 0.00 N |
| JARVIS____ 23743 | 57.61 0.31 0.00 N | 38.79 0.23 0.06 N | 31.26 0.22 0.00 N | 34.03 0.18 0.00 N | 38.13 0.22 0.00 N | 36.31 0.21 0.09 N | 23.96 0.17 1.03 N | 54.02 0.35 0.30 N | 49.51 0.34 0.24 N | 61.02 0.40 0.00 N | 56.78 0.35 0.00 N | 50.11 0.34 0.31 N | 50.95 0.36 0.25 N | 48.67 0.35 0.44 N | 39.28 0.27 0.71 N | 62.98 0.40 0.03 N | 51.99 0.34 0.25 N | 54.95 0.34 0.02 N | 72.63 0.45 0.00 N | 68.51 0.41 0.00 N | 53.46 0.32 0.02 N | 40.69 0.25 0.04 N | 32.47 0.20 0.54 N | 31.48 0.14 0.00 N |
| JENNISON___1 23625 | 59.79 2.50 0.00 N | 41.11 1.65 -0.84 N | 32.34 1.30 0.00 N | 35.46 1.61 0.00 N | 39.64 1.73 0.00 N | 39.21 1.93 -1.09 N | 39.24 1.52 -12.89 N | 60.83 3.42 -3.44 N | 55.61 3.13 -3.08 N | 64.48 3.85 0.00 N | 59.97 3.54 0.00 N | 57.38 3.04 -4.27 N | 57.47 3.21 -3.42 N | 57.78 3.08 -5.93 N | 51.84 2.49 -9.63 N | 66.72 3.66 -0.44 N | 58.39 3.24 -3.25 N | 58.36 3.43 -0.30 N | 76.85 4.67 0.00 N | 72.54 4.44 0.00 N | 56.76 3.31 -0.29 N | 43.37 2.32 -0.56 N | 41.53 1.73 -6.99 N | 32.72 1.39 0.00 N |
| JENNISON___2 23626 | 59.72 2.42 0.00 N | 41.06 1.61 -0.84 N | 32.31 1.28 0.00 N | 35.42 1.57 0.00 N | 39.60 1.68 0.00 N | 39.16 1.88 -1.09 N | 39.18 1.47 -12.89 N | 60.73 3.32 -3.44 N | 55.53 3.05 -3.08 N | 64.37 3.75 0.00 N | 59.86 3.43 0.00 N | 57.29 2.95 -4.27 N | 57.38 3.13 -3.42 N | 57.70 3.00 -5.93 N | 51.78 2.43 -9.63 N | 66.61 3.55 -0.44 N | 58.30 3.16 -3.25 N | 58.27 3.33 -0.30 N | 76.72 4.54 0.00 N | 72.41 4.31 0.00 N | 56.67 3.22 -0.29 N | 43.30 2.26 -0.56 N | 41.48 1.68 -6.99 N | 32.68 1.35 0.00 N |
| KEDC_PORT_JEFF_GT2 24210 | 62.91 2.57 -3.04 N | 44.47 0.85 -5.01 N | 31.28 0.25 0.00 N | 34.37 0.52 0.00 N | 39.85 0.68 -1.26 N | 56.40 0.57 -19.63 N | 59.16 0.42 -33.91 N | 63.13 0.14 -9.02 N | 62.35 0.16 -12.79 N | 63.10 0.17 -2.31 N | 63.38 0.12 -6.84 N | 62.67 0.05 -12.54 N | 60.56 0.41 -9.31 N | 64.44 0.12 -15.56 N | 64.58 -0.17 -25.03 N | 63.28 -0.48 -1.14 N | 65.22 0.01 -13.32 N | 65.75 0.14 -10.97 N | 72.49 -0.32 -0.63 N | 67.52 -0.58 0.00 N | 62.85 -0.47 -10.15 N | 76.12 -0.51 -36.14 N | 59.43 -0.20 -26.82 N | 57.77 0.07 -26.37 N |
| KEDC_PORT_JEFF_GT3 24211 | 62.91 2.57 -3.04 N | 44.47 0.85 -5.01 N | 31.28 0.25 0.00 N | 34.37 0.52 0.00 N | 39.85 0.68 -1.26 N | 56.40 0.57 -19.63 N | 59.16 0.42 -33.91 N | 63.13 0.14 -9.02 N | 62.35 0.16 -12.79 N | 63.10 0.17 -2.31 N | 63.38 0.12 -6.84 N | 62.67 0.05 -12.54 N | 60.56 0.41 -15.56 N | 64.44 0.12 -25.03 N | 64.58 -0.17 -25.03 N | 63.28 -0.48 -1.14 N | 65.22 0.01 -13.32 N | 65.75 0.14 -10.97 N | 72.49 -0.32 -0.63 N | 67.52 -0.58 0.00 N | 62.85 -0.47 -10.15 N | 76.12 -0.51 -36.14 N | 59.43 -0.20 -26.82 N | 57.77 0.07 -26.37 N |
| KEDC_GLWD_GRP 24221 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.96 1.22 -33.92 N | 65.59 2.64 -8.98 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| KEDC_GLWD_GT4 24219 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| KEDC_GLWD_GT5 24220 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| KENSICO____ 23655 | 59.16 1.86 0.00 N | 41.67 0.88 -2.17 N | 31.63 0.59 0.00 N | 34.58 0.73 0.00 N | 38.77 0.86 0.00 N | 40.04 1.04 -2.80 N | 59.17 0.87 -33.48 N | 64.89 1.91 -9.02 N | 59.31 1.85 -8.06 N | 62.99 2.37 0.00 N | 58.55 2.12 0.00 N | 63.15 1.89 -11.18 N | 61.74 1.94 -8.96 N | 66.27 1.96 -15.54 N | 66.21 1.49 -25.00 N | 65.80 2.04 -1.14 N | 62.18 1.88 -8.40 N | 57.44 2.03 -0.78 N | 75.03 2.85 0.00 N | 70.45 2.35 0.00 N | 55.74 1.83 -0.75 N | 43.23 1.29 -1.46 N | 52.00 1.10 -18.09 N | 32.26 0.93 0.00 N |
| KIAC_JFK_AIRPORT 23541 | 72.52 2.02 -13.20 N | 80.69 0.93 -41.14 N | 59.31 0.65 -27.62 N | 63.98 0.92 -29.22 N | 39.02 1.11 0.00 N | 40.16 1.15 -2.81 N | 60.93 1.03 -35.08 N | 112.57 2.39 -56.22 N | 114.97 2.36 -63.20 N | 116.48 2.92 -52.94 N | 110.71 2.72 -51.56 N | 101.47 2.41 -48.98 N | 112.42 2.66 -58.92 N | 109.95 2.37 -58.81 N | 66.40 1.62 -25.06 N | 87.99 2.35 -23.02 N | 100.96 2.17 -46.90 N | 82.98 2.28 -26.07 N | 112.75 2.98 -37.58 N | 135.40 2.43 -64.87 N | 179.28 2.03 -124.09 N | 160.87 1.35 -119.03 N | 112.23 1.17 -78.24 N | 163.22 1.02 -130.86 N |

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| KIAC_JFK_GT1 23816 | 72.52 2.02 -13.20 N | 80.69 0.93 -41.14 N | 59.31 0.65 -27.62 N | 63.98 0.92 -29.22 N | 39.02 1.11 0.00 N | 40.16 1.15 -2.81 N | 60.93 1.03 -35.08 N | 112.57 2.39 -56.22 N | 114.97 2.36 -63.20 N | 116.48 2.92 -52.94 N | 110.71 2.72 -51.56 N | 101.47 2.41 -48.98 N | 112.42 2.66 -58.92 N | 109.95 2.37 -58.81 N | 66.40 1.62 -25.06 N | 87.99 2.35 -23.02 N | 100.96 2.17 -46.90 N | 82.98 2.28 -26.07 N | 112.75 2.98 -37.58 N | 135.40 2.43 -64.87 N | 179.28 2.03 -124.09 N | 160.87 1.35 -119.03 N | 112.23 1.17 -78.24 N | 163.22 1.02 -130.86 N |
| KIAC_JFK_GT2 23817 | 72.52 2.02 -13.20 N | 80.69 0.93 -41.14 N | 59.31 0.65 -27.62 N | 63.98 0.92 -29.22 N | 39.02 1.11 0.00 N | 40.16 1.15 -2.81 N | 60.93 1.03 -35.08 N | 112.57 2.39 -56.22 N | 114.97 2.36 -63.20 N | 116.48 2.92 -52.94 N | 110.71 2.72 -51.56 N | 101.47 2.41 -48.98 N | 112.42 2.66 -58.92 N | 109.95 2.37 -58.81 N | 66.40 1.62 -25.06 N | 87.99 2.35 -23.02 N | 100.96 2.17 -46.90 N | 82.98 2.28 -26.07 N | 112.75 2.98 -37.58 N | 135.40 2.43 -64.87 N | 179.28 2.03 -124.09 N | 160.87 1.35 -119.03 N | 112.23 1.17 -78.24 N | 163.22 1.02 -130.86 N |
| KINTIGH____ 23543 | 53.07 -4.22 0.00 N | 36.07 -2.84 -0.30 N | 28.92 -2.12 0.00 N | 31.78 -2.07 0.00 N | 35.47 -2.44 0.00 N | 34.27 -2.31 -0.38 N | 27.38 -1.96 -4.51 N | 50.19 -4.96 -1.18 N | 45.65 -4.85 -1.09 N | 54.61 -6.01 0.00 N | 51.18 -5.25 0.00 N | 46.55 -5.04 -1.51 N | 46.87 -5.18 -1.21 N | 45.48 -5.38 -2.09 N | 38.95 -4.17 -3.39 N | 56.48 -6.29 -0.15 N | 47.34 -5.70 -1.14 N | 48.88 -5.86 -0.11 N | 63.33 -8.85 0.00 N | 60.48 -7.63 0.00 N | 47.27 -5.99 -0.10 N | 36.30 -4.38 -0.20 N | 32.22 -3.07 -2.47 N | 28.84 -2.49 0.00 N |
| LEDERLE____ 23769 | 58.49 1.19 0.00 N | 41.23 0.51 -2.10 N | 31.37 0.33 0.00 N | 34.32 0.47 0.00 N | 38.48 0.57 0.00 N | 39.63 0.72 -2.71 N | 57.37 0.65 -31.89 N | 63.81 1.46 -8.39 N | 58.32 1.41 -7.51 N | 62.43 1.80 0.00 N | 58.04 1.61 0.00 N | 61.79 1.32 -10.40 N | 60.55 1.38 -8.33 N | 64.70 1.48 -14.46 N | 64.80 1.13 -23.95 N | 65.54 1.83 -1.10 N | 61.63 1.61 -8.12 N | 57.12 1.74 -0.75 N | 74.77 2.59 0.00 N | 70.36 2.26 0.00 N | 55.59 1.71 -0.72 N | 43.01 1.11 -1.41 N | 51.19 0.89 -17.48 N | 32.04 0.71 0.00 N |
| LINDEN COGEN____ 23786 | 59.54 2.24 0.00 N | 41.86 1.07 -2.17 N | 31.72 0.69 0.00 N | 34.73 0.87 0.00 N | 38.93 1.01 0.00 N | 40.23 1.23 -2.81 N | 59.37 1.03 -33.52 N | 65.29 2.30 -9.02 N | 59.71 2.24 -8.07 N | 63.50 2.88 0.00 N | 59.01 2.58 0.00 N | 63.59 2.32 -11.19 N | 62.17 2.36 -8.97 N | 66.70 2.37 -15.56 N | 66.59 1.83 -25.04 N | 66.12 2.37 -1.14 N | 62.44 2.12 -8.42 N | 57.70 2.28 -0.78 N | 75.36 3.18 0.00 N | 70.72 2.62 0.00 N | 55.92 2.01 -0.75 N | 43.36 1.41 -1.46 N | 52.18 1.25 -18.12 N | 32.38 1.04 0.00 N |
| LIPA_MISC_IPP 23656 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| LITTLE FALLS____HYD 24013 | 60.10 2.80 0.00 N | 40.55 2.00 0.06 N | 32.61 1.57 0.00 N | 35.43 1.58 0.00 N | 39.86 1.94 0.00 N | 38.03 1.92 0.09 N | 25.34 1.54 1.03 N | 57.17 3.50 0.30 N | 52.55 3.38 0.24 N | 64.72 4.09 0.00 N | 60.04 3.61 0.00 N | 53.26 3.50 0.31 N | 54.10 3.51 0.25 N | 51.68 3.35 0.44 N | 41.70 2.69 0.71 N | 66.59 4.01 0.03 N | 55.22 3.57 0.25 N | 58.32 3.71 0.02 N | 77.15 4.97 0.00 N | 72.69 4.58 0.00 N | 56.78 3.64 0.02 N | 43.18 2.74 0.04 N | 34.31 2.04 0.54 N | 32.86 1.53 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 56.50 -0.80 0.00 N | 38.23 -0.56 -0.17 N | 30.65 -0.39 0.00 N | 33.38 -0.47 0.00 N | 37.35 -0.56 0.00 N | 35.94 -0.47 -0.22 N | 27.14 -0.28 -2.60 N | 54.07 -0.57 -0.68 N | 49.49 -0.54 -0.63 N | 59.86 -0.76 0.00 N | 55.77 -0.66 0.00 N | 50.30 -0.64 -0.87 N | 50.85 -0.68 -0.70 N | 49.27 -0.70 -1.21 N | 41.08 -0.60 -1.96 N | 61.74 -0.97 -0.09 N | 51.73 -0.83 -0.66 N | 53.86 -0.83 -0.06 N | 71.04 -1.14 0.00 N | 67.09 -1.02 0.00 N | 52.37 -0.85 -0.06 N | 39.97 -0.63 -0.11 N | 33.73 -0.51 -1.42 N | 30.81 -0.53 0.00 N |
| LOVETT____3 23632 | 58.40 1.11 0.00 N | 41.21 0.49 -2.11 N | 31.38 0.35 0.00 N | 34.34 0.49 0.00 N | 38.48 0.57 0.00 N | 39.64 0.73 -2.72 N | 57.45 0.63 -32.00 N | 63.66 1.30 -8.40 N | 58.16 1.23 -7.53 N | 62.22 1.59 0.00 N | 57.85 1.42 0.00 N | 61.65 1.15 -10.43 N | 60.40 1.20 -8.35 N | 64.57 1.31 -14.50 N | 64.78 0.99 -24.07 N | 65.33 1.61 -1.10 N | 61.52 1.45 -8.16 N | 56.97 1.58 -0.76 N | 74.56 2.38 0.00 N | 70.16 2.06 0.00 N | 55.46 1.57 -0.72 N | 42.91 1.01 -1.42 N | 51.23 0.83 -17.57 N | 32.03 0.70 0.00 N |
| LOVETT____4 23642 | 58.40 1.11 0.00 N | 41.22 0.49 -2.11 N | 31.38 0.35 0.00 N | 34.34 0.49 0.00 N | 38.48 0.57 0.00 N | 39.66 0.73 -2.73 N | 57.56 0.63 -32.11 N | 63.67 1.30 -8.40 N | 58.17 1.23 -7.53 N | 62.22 1.59 0.00 N | 57.85 1.42 0.00 N | 61.65 1.15 -10.43 N | 60.40 1.20 -8.35 N | 64.58 1.31 -14.50 N | 64.79 0.99 -24.08 N | 65.33 1.61 -1.10 N | 61.52 1.45 -8.17 N | 56.97 1.58 -0.76 N | 74.56 2.38 0.00 N | 70.16 2.06 0.00 N | 55.46 1.57 -0.72 N | 42.91 1.01 -1.42 N | 51.24 0.83 -17.58 N | 32.04 0.70 0.00 N |
| LOVETT____5 23593 | 58.42 1.12 0.00 N | 41.22 0.50 -2.11 N | 31.38 0.35 0.00 N | 34.34 0.49 0.00 N | 38.49 0.57 0.00 N | 39.67 0.74 -2.73 N | 57.56 0.63 -32.11 N | 63.67 1.31 -8.40 N | 58.18 1.24 -7.53 N | 62.23 1.61 0.00 N | 57.86 1.43 0.00 N | 61.66 1.16 -10.43 N | 60.41 1.22 -8.35 N | 64.58 1.32 -14.50 N | 64.80 1.00 -24.08 N | 65.35 1.62 -1.10 N | 61.53 1.47 -8.17 N | 56.98 1.59 -0.76 N | 74.58 2.40 0.00 N | 70.18 2.08 0.00 N | 55.47 1.58 -0.72 N | 42.92 1.02 -1.42 N | 51.24 0.84 -17.58 N | 32.04 0.70 0.00 N |
| LOWER RAQUET____HYD 24057 | 57.49 0.19 0.00 N | 38.60 0.07 0.08 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 38.00 0.09 0.00 N | 36.19 0.11 0.11 N | 23.19 -0.35 1.29 N | 52.48 -1.15 0.34 N | 48.03 -1.06 0.31 N | 59.77 -0.86 0.00 N | 55.70 -0.73 0.00 N | 48.99 -0.67 0.41 N | 49.85 -0.66 0.33 N | 47.63 -0.56 0.57 N | 38.35 -0.44 0.93 N | 62.00 -0.57 0.04 N | 51.12 -0.45 0.33 N | 53.98 -0.63 0.03 N | 71.34 -0.84 0.00 N | 67.18 -0.92 0.00 N | 53.13 0.00 0.03 N | 40.43 0.00 0.06 N | 32.08 -0.02 0.71 N | 31.60 0.27 0.00 N |
| LOWER____HUDSON 24059 | 60.93 3.63 0.00 N | 44.14 2.75 -2.77 N | 33.20 2.16 0.00 N | 36.03 2.18 0.00 N | 40.47 2.56 0.00 N | 42.12 2.35 -3.58 N | 69.15 1.74 -42.58 N | 69.36 4.04 -11.36 N | 63.54 3.94 -10.20 N | 65.40 4.78 0.00 N | 60.75 4.32 0.00 N | 68.50 4.24 -14.19 N | 66.57 4.36 -11.37 N | 72.62 4.13 -19.73 N | 75.07 3.41 -31.94 N | 69.17 5.10 -1.45 N | 67.00 4.36 -10.74 N | 60.02 4.39 -1.00 N | 78.13 5.95 0.00 N | 73.46 5.36 0.00 N | 58.56 4.45 -0.95 N | 45.88 3.53 -1.87 N | 58.50 2.56 -23.12 N | 33.53 2.20 0.00 N |

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|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| LWR___OSWEGATCHIE_HYD 23850 | 57.59 0.30 0.00 N | 38.72 0.14 0.04 N | 31.09 0.06 0.00 N | 33.96 0.11 0.00 N | 38.06 0.15 0.00 N | 36.35 0.21 0.05 N | 24.08 -0.15 0.59 N | 53.33 -0.48 0.16 N | 48.86 -0.40 0.14 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 49.75 -0.14 0.18 N | 50.72 0.03 0.14 N | 48.61 0.10 0.25 N | 39.40 0.09 0.41 N | 62.76 0.16 0.02 N | 51.90 0.15 0.15 N | 54.72 0.10 0.01 N | 72.41 0.23 0.00 N | 68.01 -0.09 0.00 N | 53.44 0.30 0.01 N | 40.80 0.35 0.03 N | 32.66 0.17 0.33 N | 31.58 0.24 0.00 N |
| MG INDUSTRY___DRP 24185 | 59.90 2.61 0.00 N | 43.29 1.93 -2.74 N | 32.52 1.49 0.00 N | 35.42 1.57 0.00 N | 39.70 1.79 0.00 N | 41.38 1.65 -3.53 N | 68.11 1.27 -42.02 N | 68.14 2.97 -11.20 N | 62.27 2.79 -10.07 N | 63.97 3.35 0.00 N | 59.55 3.12 0.00 N | 66.99 3.00 -13.91 N | 65.12 3.13 -11.15 N | 71.15 3.04 -19.35 N | 73.53 2.49 -31.33 N | 67.76 3.72 -1.43 N | 65.79 3.30 -10.59 N | 58.97 3.35 -0.98 N | 76.99 4.81 0.00 N | 72.18 4.08 0.00 N | 57.40 3.30 -0.94 N | 45.00 2.68 -1.84 N | 57.50 1.87 -22.81 N | 33.00 1.67 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 57.59 0.30 0.00 N | 38.72 0.14 0.04 N | 31.09 0.06 0.00 N | 33.96 0.11 0.00 N | 38.06 0.15 0.00 N | 36.35 0.21 0.05 N | 24.08 -0.15 0.59 N | 53.33 -0.48 0.16 N | 48.86 -0.40 0.14 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 49.75 -0.14 0.18 N | 50.72 0.03 0.14 N | 48.61 0.10 0.25 N | 39.40 0.09 0.41 N | 62.76 0.16 0.02 N | 51.90 0.15 0.15 N | 54.72 0.10 0.01 N | 72.41 0.23 0.00 N | 68.01 -0.09 0.00 N | 53.44 0.30 0.01 N | 40.80 0.35 0.03 N | 32.66 0.17 0.33 N | 31.58 0.24 0.00 N |
| MID___RAQUETTE_HYD 23851 | 57.49 0.19 0.00 N | 38.60 0.07 0.08 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 38.00 0.09 0.00 N | 36.19 0.11 0.11 N | 23.19 -0.35 1.29 N | 52.48 -1.15 0.34 N | 48.03 -1.06 0.31 N | 59.77 -0.86 0.00 N | 55.70 -0.73 0.00 N | 48.99 -0.67 0.41 N | 49.85 -0.66 0.33 N | 47.63 -0.56 0.57 N | 38.35 -0.44 0.93 N | 62.00 -0.57 0.04 N | 51.12 -0.45 0.33 N | 53.98 -0.63 0.03 N | 71.34 -0.84 0.00 N | 67.18 -0.92 0.00 N | 53.13 0.00 0.03 N | 40.43 0.00 0.06 N | 32.08 -0.02 0.71 N | 31.60 0.27 0.00 N |
| MILLIKEN___1 23584 | 57.64 0.34 0.00 N | 39.35 0.35 -0.39 N | 31.41 0.38 0.00 N | 33.83 -0.02 0.00 N | 37.52 -0.40 0.00 N | 36.89 0.19 -0.50 N | 31.33 0.55 -5.96 N | 57.24 1.66 -1.61 N | 52.32 1.50 -1.42 N | 62.47 1.84 0.00 N | 58.32 1.89 0.00 N | 53.71 1.67 -1.97 N | 53.90 1.49 -1.58 N | 53.02 1.53 -2.73 N | 45.17 1.01 -4.44 N | 64.64 1.82 -0.20 N | 54.80 1.41 -1.49 N | 56.30 1.53 -0.14 N | 75.03 2.85 0.00 N | 70.75 2.65 0.00 N | 55.08 1.78 -0.13 N | 41.86 1.11 -0.26 N | 36.56 0.53 -3.21 N | 31.64 0.31 0.00 N |
| MILLIKEN___2 23585 | 57.27 -0.03 0.00 N | 39.14 0.14 -0.39 N | 31.32 0.28 0.00 N | 33.65 -0.20 0.00 N | 37.28 -0.64 0.00 N | 36.70 0.01 -0.50 N | 31.19 0.40 -5.96 N | 56.89 1.31 -1.61 N | 52.00 1.18 -1.42 N | 62.07 1.45 0.00 N | 57.95 1.52 0.00 N | 53.38 1.34 -1.97 N | 53.57 1.16 -1.58 N | 52.71 1.21 -2.73 N | 44.91 0.76 -4.44 N | 64.24 1.42 -0.20 N | 54.47 1.08 -1.49 N | 55.95 1.18 -0.14 N | 74.58 2.40 0.00 N | 70.33 2.23 0.00 N | 54.75 1.45 -0.13 N | 41.60 0.85 -0.26 N | 36.35 0.32 -3.21 N | 31.44 0.10 0.00 N |
| MILLIKEN___DIESEL 23629 | 57.27 -0.03 0.00 N | 39.14 0.14 -0.39 N | 31.32 0.28 0.00 N | 33.65 -0.20 0.00 N | 37.28 -0.64 0.00 N | 36.70 0.01 -0.50 N | 31.19 0.40 -5.96 N | 56.89 1.31 -1.61 N | 52.00 1.18 -1.42 N | 62.07 1.45 0.00 N | 57.95 1.52 0.00 N | 53.38 1.34 -1.97 N | 53.57 1.16 -1.58 N | 52.71 1.21 -2.73 N | 44.91 0.76 -4.44 N | 64.24 1.42 -0.20 N | 54.47 1.08 -1.49 N | 55.95 1.18 -0.14 N | 74.58 2.40 0.00 N | 70.33 2.23 0.00 N | 54.75 1.45 -0.13 N | 41.60 0.85 -0.26 N | 36.35 0.32 -3.21 N | 31.44 0.10 0.00 N |
| MODEL_CITY_ENERGY 24167 | 53.92 -3.38 0.00 N | 36.67 -2.29 -0.34 N | 29.33 -1.70 0.00 N | 32.05 -1.80 0.00 N | 35.73 -2.18 0.00 N | 34.58 -2.04 -0.43 N | 28.29 -1.68 -5.15 N | 51.31 -4.00 -1.35 N | 46.65 -3.99 -1.24 N | 55.80 -4.82 0.00 N | 52.37 -4.06 0.00 N | 47.76 -4.03 -1.71 N | 48.01 -4.20 -1.37 N | 46.73 -4.41 -2.38 N | 40.13 -3.45 -3.86 N | 57.81 -4.99 -0.18 N | 48.57 -4.63 -0.12 N | 49.95 -4.81 -0.12 N | 64.93 -7.25 0.00 N | 61.72 -6.38 0.00 N | 48.31 -4.97 -0.12 N | 37.28 -3.43 -0.23 N | 33.19 -2.44 -2.81 N | 29.42 -1.92 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 61.30 4.01 0.00 N | 44.32 2.95 -2.76 N | 33.30 2.27 0.00 N | 36.27 2.42 0.00 N | 40.69 2.77 0.00 N | 42.30 2.55 -3.55 N | 69.00 1.91 -42.27 N | 69.75 4.46 -11.33 N | 63.75 4.21 -10.14 N | 65.72 5.10 0.00 N | 61.12 4.69 0.00 N | 68.61 4.45 -14.08 N | 66.71 4.58 -11.29 N | 72.75 4.40 -19.58 N | 75.06 3.63 -31.70 N | 69.60 5.54 -1.44 N | 67.35 4.77 -10.67 N | 60.48 4.85 -0.99 N | 78.88 6.70 0.00 N | 74.10 6.00 0.00 N | 58.93 4.81 -0.96 N | 46.15 3.80 -1.87 N | 58.74 2.73 -23.19 N | 33.74 2.41 0.00 N |
| MONGAUP___HYD 23641 | 57.67 0.37 0.00 N | 40.63 0.04 -1.98 N | 31.01 -0.03 0.00 N | 33.90 0.05 0.00 N | 38.03 0.12 0.00 N | 38.97 0.21 -2.56 N | 55.31 0.22 -30.27 N | 62.35 0.35 -8.04 N | 56.90 0.32 -7.17 N | 61.06 0.44 0.00 N | 56.76 0.33 0.00 N | 60.23 0.23 -9.92 N | 59.06 0.27 -7.95 N | 62.94 0.37 -13.80 N | 62.60 0.22 -22.67 N | 64.04 0.39 -1.04 N | 59.97 0.41 -7.66 N | 55.78 0.44 -0.71 N | 72.89 0.71 0.00 N | 68.59 0.49 0.00 N | 54.23 0.39 -0.68 N | 42.01 0.19 -1.33 N | 49.58 0.25 -16.50 N | 31.50 0.17 0.00 N |
| MONTAUK___DIESEL 23721 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| N SALMON___HYD 24042 | 56.91 -0.38 0.00 N | 38.22 -0.29 0.11 N | 30.78 -0.25 0.00 N | 33.61 -0.24 0.00 N | 37.63 -0.28 0.00 N | 35.85 -0.20 0.15 N | 22.94 -0.17 1.71 N | 53.25 -0.25 0.47 N | 48.78 -0.23 0.40 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 49.37 -0.17 0.54 N | 50.24 -0.17 0.43 N | 47.83 -0.18 0.75 N | 38.33 -0.17 1.22 N | 62.27 -0.29 0.06 N | 51.12 -0.35 0.42 N | 54.27 -0.32 0.04 N | 71.82 -0.36 0.00 N | 67.76 -0.34 0.00 N | 52.79 -0.34 0.04 N | 40.29 -0.11 0.07 N | 31.75 -0.14 0.92 N | 31.12 -0.22 0.00 N |
| N.E_GEN_SANDY PD 24062 | 37.42 1.22 8.90 N | 42.27 1.07 -2.58 N | 31.80 0.77 0.00 N | 34.66 0.80 0.00 N | 38.89 0.97 0.00 N | 40.42 0.90 -3.33 N | 65.17 0.72 -39.63 N | 66.19 1.65 -10.58 N | 60.49 1.59 -9.50 N | 62.51 1.89 0.00 N | 58.11 1.68 0.00 N | 65.04 1.76 -13.20 N | 63.23 1.81 -10.58 N | 74.96 1.76 -10.30 N | 70.83 1.41 -29.70 N | 66.00 2.03 -1.35 N | 63.71 1.82 -9.99 N | 57.39 1.83 -0.93 N | 71.31 1.75 -4.57 N | 70.31 2.21 0.00 N | 66.05 1.76 -3.49 N | 56.00 1.72 3.06 N | 55.38 1.08 -21.49 N | 32.21 0.88 0.00 N |

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|--------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|-------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| NARROWS_GT1_1 24228 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_2 24229 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_3 24230 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_4 24231 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_5 24232 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_6 24233 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_7 24234 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_8 24235 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_GRP 23726 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT2_1 24236 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT2_2 24237 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT2_3 24238 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT2_4 24239 | 60.08 | 42.22 | 32.01 | 35.00 | 39.21 | 40.55 | 61.19 | 75.66 | 63.65 | 64.26 | 60.77 | 64.16 | 62.70 | 67.25 | 67.09 | 68.26 | 64.25 | 61.35 | 115.32 | 138.30 | 66.26 | 66.26 | 55.36 | 36.17 |
| | 2.78 | 1.43 | 0.98 | 1.15 | 1.30 | 1.55 | 1.29 | 2.94 | 2.81 | 3.61 | 3.22 | 2.90 | 2.89 | 2.92 | 2.31 | 3.17 | 2.80 | 2.98 | 4.15 | 3.45 | 2.66 | 1.89 | 1.60 | 1.37 |
| | 0.00 | -2.17 | 0.00 | 0.00 | 0.00 | -2.81 | -35.08 | -18.75 | -11.43 | -0.03 | -1.12 | -11.19 | -8.97 | -15.56 | -25.06 | -2.47 | -9.54 | -3.74 | -39.00 | -66.75 | -10.44 | -23.90 | -20.94 | -3.47 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| NARROWS_GT2_5 24240 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.81 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NARROWS_GT2_6 24241 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.81 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NARROWS_GT2_7 24242 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.81 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NARROWS_GT2_8 24243 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.81 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NARROWS_GT2_GRP 23741 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.81 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NEG CAPITAL___MECHNVIL 23645 | 60.93 3.63 0.00 N | 44.15 2.75 -2.78 N | 33.20 2.16 0.00 N | 36.03 2.18 0.00 N | 40.47 2.56 0.00 N | 42.13 2.35 -3.59 N | 69.25 1.74 -42.69 N | 69.38 4.04 -11.38 N | 63.58 3.94 -10.23 N | 65.40 4.78 0.00 N | 60.75 4.32 0.00 N | 68.55 4.24 -14.24 N | 66.62 4.36 -11.41 N | 72.70 4.13 -19.80 N | 75.19 3.41 -32.06 N | 69.17 5.10 -1.46 N | 67.03 4.36 -10.77 N | 60.02 4.39 -1.00 N | 78.13 5.95 0.00 N | 73.46 5.36 0.00 N | 58.56 4.45 -0.95 N | 45.89 3.53 -1.87 N | 58.56 2.56 -23.18 N | 33.53 2.20 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 54.68 -2.61 0.00 N | 36.98 -1.90 -0.26 N | 29.50 -1.53 0.00 N | 31.21 -2.64 0.00 N | 34.88 -3.03 0.00 N | 33.62 -2.91 -0.33 N | 26.97 -1.81 -3.96 N | 52.03 -2.96 -1.03 N | 47.61 -2.75 -0.96 N | 57.51 -3.12 0.00 N | 54.10 -2.33 0.00 N | 49.31 -2.10 -1.33 N | 49.18 -2.73 -1.06 N | 48.02 -2.58 -1.84 N | 40.25 -2.45 -2.99 N | 60.01 -2.75 -0.14 N | 49.85 -3.05 -1.01 N | 51.42 -3.31 -0.09 N | 68.49 -3.69 0.00 N | 64.71 -3.40 0.00 N | 50.48 -2.77 -0.09 N | 38.53 -2.12 -0.17 N | 33.08 -1.91 -2.17 N | 29.69 -1.64 0.00 N |
| NEG CENTRAL___DRP 24199 | 55.44 -1.86 0.00 N | 37.68 -1.22 -0.28 N | 30.22 -0.82 0.00 N | 33.23 -0.62 0.00 N | 37.04 -0.87 0.00 N | 35.96 -0.61 -0.37 N | 28.90 -0.28 -4.36 N | 54.58 -0.54 -1.16 N | 49.59 -0.86 -1.04 N | 59.24 -1.38 0.00 N | 55.27 -1.17 0.00 N | 50.42 -1.11 -1.45 N | 50.85 -1.15 -1.16 N | 49.48 -1.30 -2.01 N | 41.99 -0.99 -3.27 N | 61.24 -1.53 -0.15 N | 51.69 -1.31 -1.10 N | 53.71 -1.03 -0.10 N | 70.44 -1.74 0.00 N | 66.53 -1.57 0.00 N | 51.98 -1.28 -0.10 N | 39.77 -0.91 -0.19 N | 34.60 -0.59 -2.37 N | 30.85 -0.48 0.00 N |
| NEG CENTRAL___INDECK 23768 | 55.67 -1.63 0.00 N | 37.84 -1.16 -0.39 N | 30.23 -0.80 0.00 N | 33.29 -0.56 0.00 N | 37.19 -0.72 0.00 N | 35.87 -0.83 -0.50 N | 29.77 -1.02 -5.96 N | 52.03 -3.55 -1.61 N | 47.26 -3.56 -1.42 N | 56.25 -4.37 0.00 N | 52.49 -3.94 0.00 N | 48.74 -3.30 -1.96 N | 49.15 -3.26 -1.57 N | 48.05 -3.44 -2.73 N | 41.54 -2.61 -4.43 N | 58.22 -4.60 -0.20 N | 49.37 -4.02 -1.49 N | 51.22 -3.55 -0.14 N | 66.40 -5.78 0.00 N | 62.69 -5.42 0.00 N | 49.37 -3.93 -0.13 N | 37.98 -2.76 -0.26 N | 34.80 -1.23 -3.21 N | 30.44 -0.90 0.00 N |
| NEG CENTRAL___SENECA 23627 | 57.30 0.00 0.00 N | 38.62 0.00 0.00 N | 31.03 0.00 0.00 N | 33.85 0.00 0.00 N | 37.91 0.00 0.00 N | 36.19 0.00 0.00 N | 24.82 0.00 0.00 N | 53.97 0.00 0.00 N | 49.40 0.00 0.00 N | 60.62 0.00 0.00 N | 56.43 0.00 0.00 N | 50.08 0.00 0.00 N | 50.84 0.00 0.00 N | 48.76 0.00 0.00 N | 39.72 0.00 0.00 N | 62.62 0.00 0.00 N | 51.90 0.00 0.00 N | 54.63 0.00 0.00 N | 72.18 0.00 0.00 N | 68.10 0.00 0.00 N | 53.16 0.00 0.00 N | 40.48 0.00 0.00 N | 32.82 0.00 0.00 N | 31.33 0.00 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 58.84 1.54 0.00 N | 39.90 1.01 -0.28 N | 31.81 0.78 0.00 N | 33.88 0.03 0.00 N | 37.82 -0.09 0.00 N | 36.73 0.17 -0.36 N | 29.66 0.58 -4.26 N | 57.33 2.22 -1.14 N | 52.50 2.07 -1.02 N | 63.19 2.56 0.00 N | 59.07 2.64 0.00 N | 53.91 2.43 -1.41 N | 54.07 2.10 -1.13 N | 52.94 2.22 -1.96 N | 44.33 1.43 -3.19 N | 65.59 2.83 -0.14 N | 55.00 2.02 -1.07 N | 56.80 2.07 -0.10 N | 76.03 3.85 0.00 N | 71.50 3.39 0.00 N | 55.67 2.42 -0.10 N | 42.41 1.74 -0.19 N | 36.10 0.98 -2.31 N | 32.14 0.80 0.00 N |
| NEG MILLWOOD___DRP 24198 | 58.74 1.44 0.00 N | 41.57 0.70 -2.25 N | 31.45 0.41 0.00 N | 34.45 0.60 0.00 N | 38.63 0.72 0.00 N | 39.88 0.82 -2.87 N | 59.64 0.66 -34.16 N | 64.45 1.39 -9.10 N | 58.99 1.35 -8.24 N | 62.33 1.70 0.00 N | 57.95 1.52 0.00 N | 62.97 1.39 -11.51 N | 61.48 1.42 -9.22 N | 66.20 1.44 -16.00 N | 66.66 1.11 -25.83 N | 65.31 1.51 -1.17 N | 61.97 1.38 -8.69 N | 56.93 1.48 -0.81 N | 74.28 2.10 0.00 N | 69.79 1.69 0.00 N | 55.26 1.32 -0.77 N | 42.94 0.94 -1.51 N | 52.35 0.82 -18.71 N | 32.04 0.71 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 60.83 3.53 0.00 N | 40.87 2.37 0.12 N | 32.96 1.92 0.00 N | 35.95 2.10 0.00 N | 40.11 2.20 0.00 N | 38.62 2.58 0.16 N | 25.15 2.20 1.87 N | 58.63 5.16 0.50 N | 53.67 4.71 0.44 N | 66.40 5.78 0.00 N | 61.81 5.38 0.00 N | 54.16 4.68 0.60 N | 55.16 4.80 0.48 N | 52.55 4.62 0.83 N | 42.03 3.67 1.35 N | 68.18 5.63 0.06 N | 56.27 4.83 0.47 N | 59.77 5.18 0.04 N | 79.47 7.29 0.00 N | 74.99 6.89 0.00 N | 58.23 5.11 0.04 N | 43.98 3.58 0.08 N | 34.38 2.59 1.02 N | 33.48 2.14 0.00 N |

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| NEG NORTH_KES_CHATEGAY 23792 | 56.48 -0.81 0.00 N | 37.93 -0.57 0.12 N | 30.60 -0.44 0.00 N | 33.39 -0.46 0.00 N | 37.46 -0.45 0.00 N | 35.65 -0.39 0.15 N | 22.64 -0.36 1.83 N | 52.61 -0.87 0.49 N | 48.07 -0.90 0.43 N | 59.65 -0.97 0.00 N | 55.57 -0.86 0.00 N | 48.69 -0.80 0.58 N | 49.47 -0.90 0.47 N | 47.14 -0.82 0.81 N | 37.83 -0.57 1.32 N | 61.81 -0.75 0.06 N | 50.84 -0.60 0.46 N | 53.94 -0.65 0.04 N | 71.47 -0.71 0.00 N | 67.38 -0.72 0.00 N | 52.63 -0.49 0.04 N | 39.96 -0.44 0.08 N | 31.48 -0.34 1.00 N | 31.05 -0.29 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 56.62 -0.67 0.00 N | 38.01 -0.49 0.12 N | 30.66 -0.37 0.00 N | 33.49 -0.36 0.00 N | 37.61 -0.30 0.00 N | 35.88 -0.16 0.16 N | 22.79 -0.17 1.86 N | 53.01 -0.46 0.49 N | 48.38 -0.58 0.44 N | 60.01 -0.61 0.00 N | 55.92 -0.51 0.00 N | 49.00 -0.48 0.60 N | 49.74 -0.62 0.48 N | 47.40 -0.54 0.83 N | 38.07 -0.30 1.35 N | 62.19 -0.37 0.06 N | 51.19 -0.24 0.47 N | 54.29 -0.30 0.04 N | 72.03 -0.15 0.00 N | 67.86 -0.24 0.00 N | 53.02 -0.10 0.04 N | 40.23 -0.17 0.08 N | 31.69 -0.10 1.02 N | 31.15 -0.19 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 56.62 -0.67 0.00 N | 38.01 -0.49 0.12 N | 30.66 -0.37 0.00 N | 33.49 -0.36 0.00 N | 37.61 -0.30 0.00 N | 35.88 -0.16 0.16 N | 22.79 -0.17 1.86 N | 53.01 -0.46 0.49 N | 48.38 -0.58 0.44 N | 60.01 -0.61 0.00 N | 55.92 -0.51 0.00 N | 49.00 -0.48 0.60 N | 49.74 -0.62 0.48 N | 47.40 -0.54 0.83 N | 38.07 -0.30 1.35 N | 62.19 -0.37 0.06 N | 51.19 -0.24 0.47 N | 54.29 -0.30 0.04 N | 72.03 -0.15 0.00 N | 67.86 -0.24 0.00 N | 53.02 -0.10 0.04 N | 40.23 -0.17 0.08 N | 31.69 -0.10 1.02 N | 31.15 -0.19 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 56.09 -1.21 0.00 N | 37.65 -0.85 0.12 N | 30.37 -0.66 0.00 N | 33.19 -0.66 0.00 N | 37.28 -0.63 0.00 N | 35.56 -0.48 0.16 N | 22.54 -0.42 1.86 N | 52.42 -1.05 0.49 N | 47.82 -1.14 0.44 N | 59.32 -1.30 0.00 N | 55.29 -1.14 0.00 N | 48.43 -1.05 0.60 N | 49.16 -1.21 0.48 N | 46.84 -1.10 0.83 N | 37.62 -0.75 1.35 N | 61.50 -1.06 0.06 N | 50.62 -0.82 0.47 N | 53.67 -0.92 0.04 N | 71.19 -0.99 0.00 N | 67.07 -1.03 0.00 N | 52.42 -0.70 0.04 N | 39.80 -0.60 0.08 N | 31.37 -0.43 1.02 N | 30.84 -0.49 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 53.04 -4.25 0.00 N | 36.12 -2.83 -0.33 N | 28.93 -2.10 0.00 N | 31.79 -2.06 0.00 N | 35.47 -2.45 0.00 N | 34.33 -2.29 -0.43 N | 27.96 -1.96 -5.10 N | 50.27 -5.04 -1.34 N | 45.69 -4.94 -1.22 N | 54.51 -6.11 0.00 N | 51.17 -5.26 0.00 N | 46.74 -5.03 -1.69 N | 47.02 -5.18 -1.36 N | 45.64 -5.48 -2.35 N | 39.35 -4.18 -3.81 N | 56.50 -6.30 -0.17 N | 47.43 -5.76 -1.29 N | 48.81 -5.94 -0.12 N | 63.16 -9.03 0.00 N | 60.31 -7.79 0.00 N | 47.19 -6.08 -0.11 N | 36.32 -4.39 -0.22 N | 32.51 -3.09 -2.78 N | 28.87 -2.46 0.00 N |
| NEG WEST___LANCASTR 23811 | 52.90 -4.40 0.00 N | 35.99 -3.02 -0.40 N | 28.73 -2.30 0.00 N | 31.66 -2.19 0.00 N | 35.39 -2.52 0.00 N | 34.33 -2.38 -0.51 N | 29.00 -1.94 -6.11 N | 50.59 -5.01 -1.64 N | 46.02 -4.84 -1.46 N | 54.68 -5.94 0.00 N | 50.96 -5.47 0.00 N | 46.84 -5.26 -2.02 N | 47.04 -5.42 -1.62 N | 46.15 -5.43 -2.81 N | 39.97 -4.31 -4.56 N | 56.15 -6.67 -0.21 N | 47.68 -5.76 -1.54 N | 48.89 -5.89 -0.14 N | 63.55 -8.63 0.00 N | 60.69 -7.42 0.00 N | 47.39 -5.91 -0.14 N | 36.27 -4.48 -0.27 N | 32.90 -3.23 -3.30 N | 28.50 -2.83 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 57.13 -0.17 0.00 N | 39.19 -0.17 -0.74 N | 30.89 -0.15 0.00 N | 34.01 0.16 0.00 N | 38.07 0.16 0.00 N | 37.45 0.30 -0.95 N | 36.42 0.23 -11.37 N | 57.11 0.15 -3.00 N | 52.26 0.12 -2.73 N | 60.78 0.15 0.00 N | 56.39 -0.04 0.00 N | 53.61 -0.25 -3.78 N | 53.66 -0.21 -3.03 N | 53.86 -0.17 -5.27 N | 48.14 -0.13 -8.55 N | 62.64 -0.37 -0.39 N | 54.66 -0.12 -2.88 N | 54.86 -0.04 -0.27 N | 72.00 -0.18 0.00 N | 68.09 -0.02 0.00 N | 53.29 -0.12 -0.26 N | 40.75 -0.23 -0.50 N | 38.92 -0.09 -6.20 N | 31.13 -0.21 0.00 N |
| NEG___GEN_MONROE 24207 | 57.49 0.20 0.00 N | 38.86 -0.04 -0.28 N | 30.84 -0.19 0.00 N | 33.69 -0.16 0.00 N | 37.67 -0.24 0.00 N | 36.52 -0.04 -0.37 N | 29.41 0.23 -4.35 N | 56.49 1.37 -1.16 N | 51.64 1.20 -1.04 N | 61.92 1.29 0.00 N | 57.78 1.35 0.00 N | 52.52 1.00 -1.44 N | 53.04 1.05 -1.16 N | 51.85 1.08 -2.00 N | 43.80 0.84 -3.25 N | 64.27 1.50 -0.15 N | 54.20 1.20 -1.10 N | 56.05 1.31 0.00 N | 73.98 1.80 0.00 N | 69.51 1.40 0.00 N | 54.33 1.07 -0.10 N | 41.59 0.92 -0.19 N | 35.76 0.57 -2.36 N | 31.67 0.34 0.00 N |
| NEPA___ENERGY 23901 | 52.16 -5.13 0.00 N | 35.47 -3.58 -0.43 N | 28.33 -2.70 0.00 N | 31.02 -2.83 0.00 N | 34.77 -3.15 0.00 N | 33.65 -3.11 -0.56 N | 29.13 -2.37 -6.67 N | 50.22 -5.54 -1.79 N | 45.68 -5.32 -1.59 N | 54.41 -6.21 0.00 N | 50.27 -6.16 0.00 N | 46.28 -6.01 -2.22 N | 46.34 -6.28 -1.78 N | 46.06 -5.79 -3.08 N | 39.87 -4.86 -5.01 N | 55.01 -7.83 -0.23 N | 47.12 -6.47 -1.69 N | 48.20 -6.59 -0.16 N | 63.20 -8.98 0.00 N | 60.68 -7.42 0.00 N | 47.23 -6.08 -0.15 N | 35.96 -4.81 -0.29 N | 32.94 -3.50 -3.62 N | 28.04 -3.30 0.00 N |
| NEVERSINK___HYD 23608 | 58.01 0.72 0.00 N | 41.03 0.56 -1.85 N | 31.44 0.40 0.00 N | 34.32 0.47 0.00 N | 38.34 0.43 0.00 N | 39.05 0.45 -2.40 N | 53.64 0.31 -28.50 N | 62.27 0.73 -7.58 N | 56.84 0.64 -6.79 N | 61.39 0.77 0.00 N | 57.35 0.92 0.00 N | 60.11 0.65 -9.38 N | 58.97 0.61 -7.52 N | 62.47 0.66 -13.05 N | 61.45 0.49 -21.24 N | 64.42 0.84 -0.97 N | 55.41 -3.72 -7.23 N | 50.21 -5.10 -0.67 N | 65.32 -6.86 0.00 N | 61.89 -6.21 0.00 N | 48.75 -5.06 -0.64 N | 37.88 -3.86 -1.26 N | 45.34 -3.08 -15.60 N | 28.36 -2.97 0.00 N |
| NEWTON___FALLS_HYD 23847 | 57.59 0.30 0.00 N | 38.72 0.14 0.04 N | 31.09 0.06 0.00 N | 33.96 0.11 0.00 N | 38.06 0.15 0.00 N | 36.35 0.21 0.05 N | 24.08 -0.15 0.59 N | 53.33 -0.48 0.16 N | 48.86 -0.40 0.14 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 49.75 -0.14 0.18 N | 50.72 0.03 0.14 N | 48.61 0.10 0.25 N | 39.40 0.09 0.41 N | 62.76 0.16 0.02 N | 51.90 0.15 0.15 N | 54.72 0.10 0.01 N | 72.41 0.23 0.00 N | 68.01 -0.09 0.00 N | 53.44 0.30 0.01 N | 40.80 0.35 0.03 N | 32.66 0.17 0.33 N | 31.58 0.24 0.00 N |
| NIAGARA____ 23760 | 53.39 -3.90 0.00 N | 36.36 -2.59 -0.33 N | 29.20 -1.83 0.00 N | 31.83 -2.02 0.00 N | 35.47 -2.44 0.00 N | 34.31 -2.31 -0.43 N | 27.99 -1.94 -5.10 N | 50.52 -4.79 -1.34 N | 45.93 -4.70 -1.23 N | 54.97 -5.66 0.00 N | 51.64 -4.79 0.00 N | 47.08 -4.69 -1.70 N | 47.31 -4.90 -1.36 N | 45.96 -5.17 -2.36 N | 39.53 -4.02 -3.83 N | 56.92 -5.87 -0.17 N | 47.76 -5.43 -1.29 N | 49.09 -5.66 -0.12 N | 63.65 -8.53 0.00 N | 60.59 -7.51 0.00 N | 47.45 -5.82 -0.11 N | 36.67 -4.04 -0.22 N | 32.73 -2.87 -2.78 N | 29.11 -2.22 0.00 N |
| NINE_MILE_1 23575 | 56.02 -1.27 0.00 N | 37.90 -0.85 -0.14 N | 30.39 -0.65 0.00 N | 33.14 -0.71 0.00 N | 37.08 -0.83 0.00 N | 35.60 -0.76 -0.17 N | 26.38 -0.53 -2.09 N | 53.32 -1.17 -0.53 N | 48.81 -1.11 -0.51 N | 59.23 -1.40 0.00 N | 55.17 -1.26 0.00 N | 49.62 -1.17 -0.71 N | 50.21 -1.20 -0.57 N | 48.56 -1.19 -0.98 N | 40.35 -0.97 -1.60 N | 61.19 -1.50 -0.07 N | 51.16 -1.28 -0.32 N | 53.36 -1.32 0.00 N | 70.34 -1.84 0.00 N | 66.46 -1.65 0.00 N | 51.89 -1.31 -0.05 N | 39.60 -0.98 -0.09 N | 33.21 -0.77 -1.16 N | 30.61 -0.72 0.00 N |

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| NINE_MILE_2 23744 | 55.90 -1.39 0.00 N | 37.82 -0.93 -0.14 N | 30.35 -0.69 0.00 N | 33.07 -0.78 0.00 N | 37.01 -0.90 0.00 N | 35.53 -0.84 -0.17 N | 26.33 -0.58 -2.08 N | 53.22 -1.28 -0.53 N | 48.71 -1.20 -0.51 N | 59.11 -1.52 0.00 N | 55.06 -1.38 0.00 N | 49.52 -1.26 -0.71 N | 50.10 -1.30 -0.56 N | 48.46 -1.29 -0.98 N | 40.26 -1.05 -1.59 N | 61.07 -1.62 -0.07 N | 51.05 -1.39 -0.53 N | 53.25 -1.44 -0.05 N | 70.20 -1.98 0.00 N | 66.32 -1.78 0.00 N | 51.79 -1.42 -0.05 N | 39.52 -1.06 -0.09 N | 33.14 -0.83 -1.15 N | 30.55 -0.78 0.00 N |
| NM_CAPITAL___DRP 24208 | 61.08 3.78 0.00 N | 44.16 2.79 -2.76 N | 33.21 2.17 0.00 N | 36.13 2.28 0.00 N | 40.53 2.61 0.00 N | 42.15 2.40 -3.55 N | 68.90 1.80 -42.27 N | 69.46 4.17 -11.33 N | 63.46 3.91 -10.14 N | 65.34 4.72 0.00 N | 60.76 4.33 0.00 N | 68.29 4.14 -14.08 N | 66.39 4.26 -11.28 N | 72.44 4.10 -19.58 N | 74.79 3.38 -31.70 N | 69.18 5.12 -1.44 N | 67.01 4.44 -10.67 N | 60.13 4.50 -0.99 N | 78.45 6.27 0.00 N | 73.63 5.53 0.00 N | 58.56 4.45 -0.95 N | 45.92 3.57 -1.86 N | 58.43 2.57 -23.04 N | 33.61 2.28 0.00 N |
| NM_CENTRAL___DRP 24181 | 56.92 -0.37 0.00 N | 38.53 -0.27 -0.18 N | 30.81 -0.22 0.00 N | 33.66 -0.19 0.00 N | 37.64 -0.27 0.00 N | 36.19 -0.23 -0.22 N | 27.40 -0.10 -2.68 N | 54.42 -0.24 -0.69 N | 49.81 -0.24 -0.65 N | 60.25 -0.38 0.00 N | 56.15 -0.28 0.00 N | 50.67 -0.31 -0.90 N | 51.24 -0.32 -0.72 N | 49.66 -0.36 -1.26 N | 41.47 -0.29 -2.04 N | 62.21 -0.50 -0.09 N | 52.14 -0.45 -0.69 N | 54.27 -0.43 -0.06 N | 71.55 -0.63 0.00 N | 67.60 -0.50 0.00 N | 52.78 -0.44 -0.06 N | 40.29 -0.31 -0.12 N | 34.04 -0.25 -1.47 N | 31.09 -0.24 0.00 N |
| NM_FRONTIER___DRP 24179 | 53.71 -3.59 0.00 N | 36.56 -2.39 -0.34 N | 29.31 -1.73 0.00 N | 32.00 -1.85 0.00 N | 35.67 -2.24 0.00 N | 34.51 -2.11 -0.43 N | 28.17 -1.79 -5.14 N | 50.88 -4.43 -1.35 N | 46.28 -4.37 -1.24 N | 55.39 -5.23 0.00 N | 52.04 -4.39 0.00 N | 47.45 -4.34 -1.72 N | 47.68 -4.54 -1.38 N | 46.33 -4.82 -2.39 N | 39.84 -3.74 -3.87 N | 57.35 -5.44 -0.18 N | 48.13 -5.07 -1.30 N | 49.47 -5.28 -0.12 N | 64.18 -8.00 0.00 N | 61.09 -7.01 0.00 N | 47.83 -5.44 -0.12 N | 36.94 -3.77 -0.23 N | 32.95 -2.68 -2.80 N | 29.29 -2.04 0.00 N |
| NM_ST_REGIS___HYD 24053 | 57.30 0.00 0.00 N | 38.62 0.00 0.00 N | 31.03 0.00 0.00 N | 33.85 0.00 0.00 N | 37.91 0.00 0.00 N | 36.19 0.00 0.00 N | 24.82 0.00 0.00 N | 53.97 0.00 0.00 N | 49.40 0.00 0.00 N | 60.62 0.00 0.00 N | 56.43 0.00 0.00 N | 50.08 0.00 0.00 N | 50.84 0.00 0.00 N | 48.76 0.00 0.00 N | 39.72 0.00 0.00 N | 62.62 0.00 0.00 N | 51.90 0.00 0.00 N | 54.63 0.00 0.00 N | 72.18 0.00 0.00 N | 68.10 0.00 0.00 N | 53.16 0.00 0.00 N | 40.48 0.00 0.00 N | 32.82 0.00 0.00 N | 31.33 0.00 0.00 N |
| NORTHPORT___1 23551 | 62.56 2.23 -3.04 N | 44.13 0.50 -5.01 N | 30.97 -0.07 0.00 N | 34.13 0.28 0.00 N | 39.62 0.45 -1.26 N | 56.23 0.40 -19.63 N | 59.04 0.31 -33.91 N | 63.21 0.22 -9.02 N | 62.52 0.33 -12.79 N | 63.31 0.38 -2.31 N | 63.53 0.27 -6.84 N | 62.82 0.20 -12.54 N | 60.61 0.46 -9.31 N | 64.57 0.24 -15.56 N | 64.70 -0.05 -25.03 N | 63.47 -0.29 -1.14 N | 65.41 0.19 -13.32 N | 65.89 0.29 -10.97 N | 73.04 0.24 -0.63 N | 68.02 -0.09 0.00 N | 63.45 0.13 -10.15 N | 76.49 -0.13 -36.14 N | 59.75 0.11 -26.82 N | 58.03 0.32 -26.37 N |
| NORTHPORT___2 23552 | 62.52 2.19 -3.04 N | 44.08 0.45 -5.01 N | 30.97 -0.07 0.00 N | 34.10 0.25 0.00 N | 39.57 0.40 -1.26 N | 56.19 0.36 -19.63 N | 59.02 0.28 -33.91 N | 63.16 0.17 -9.02 N | 62.48 0.28 -12.79 N | 63.26 0.33 -2.31 N | 63.47 0.20 -6.84 N | 62.77 0.15 -12.54 N | 60.52 0.37 -9.31 N | 64.52 0.20 -15.56 N | 64.69 -0.06 -25.03 N | 63.43 -0.33 -1.14 N | 65.35 0.13 -13.32 N | 65.83 0.23 -10.97 N | 73.02 0.22 -0.63 N | 68.00 -0.11 0.00 N | 63.40 0.08 -10.15 N | 76.45 -0.18 -36.14 N | 59.72 0.08 -26.82 N | 58.01 0.30 -26.37 N |
| NORTHPORT___3 23553 | 63.07 2.74 -3.04 N | 44.53 0.90 -5.01 N | 31.35 0.31 0.00 N | 34.52 0.66 0.00 N | 39.99 0.82 -1.26 N | 56.78 0.95 -19.63 N | 59.54 0.80 -33.91 N | 64.48 1.49 -9.02 N | 63.77 1.57 -12.79 N | 64.90 1.97 -2.31 N | 65.09 1.82 -6.84 N | 64.18 1.56 -12.54 N | 61.89 1.74 -9.31 N | 65.95 1.63 -15.56 N | 65.79 1.04 -25.03 N | 65.18 1.42 -1.14 N | 66.77 1.55 -13.32 N | 67.34 1.74 -10.97 N | 75.00 2.19 -0.63 N | 69.60 1.50 0.00 N | 64.76 1.44 -10.15 N | 77.68 1.06 -36.14 N | 60.58 0.94 -26.82 N | 58.56 0.86 -26.37 N |
| NORTHPORT___4 23650 | 62.99 2.65 -3.04 N | 44.44 0.81 -5.01 N | 31.29 0.25 0.00 N | 34.47 0.62 0.00 N | 39.94 0.78 -1.26 N | 56.73 0.90 -19.63 N | 59.50 0.77 -33.91 N | 64.35 1.36 -9.02 N | 63.68 1.48 -12.79 N | 64.79 1.86 -2.31 N | 65.00 1.73 -6.84 N | 64.10 1.48 -12.54 N | 61.82 1.67 -9.31 N | 65.87 1.54 -15.56 N | 65.69 0.94 -25.03 N | 65.02 1.27 -1.14 N | 66.68 1.46 -13.32 N | 67.24 1.64 -10.97 N | 74.81 2.00 -0.63 N | 69.36 1.26 0.00 N | 64.63 1.32 -10.15 N | 77.62 0.99 -36.14 N | 60.53 0.90 -26.82 N | 58.52 0.82 -26.37 N |
| NORTHPORT___IC 23718 | 62.99 2.65 -3.04 N | 44.44 0.81 -5.01 N | 31.29 0.25 0.00 N | 34.47 0.62 0.00 N | 39.94 0.78 -1.26 N | 56.73 0.90 -19.63 N | 59.50 0.77 -33.91 N | 64.35 1.36 -9.02 N | 63.68 1.48 -12.79 N | 64.79 1.86 -2.31 N | 65.00 1.73 -6.84 N | 64.10 1.48 -12.54 N | 61.82 1.67 -9.31 N | 65.87 1.54 -15.56 N | 65.69 0.94 -25.03 N | 65.02 1.27 -1.14 N | 66.68 1.46 -13.32 N | 67.24 1.64 -10.97 N | 74.81 2.00 -0.63 N | 69.36 1.26 0.00 N | 64.63 1.32 -10.15 N | 77.62 0.99 -36.14 N | 60.53 0.90 -26.82 N | 58.52 0.82 -26.37 N |
| NSINS_S_GLNS_FALLS 23858 | 61.64 4.34 0.00 N | 44.58 3.14 -2.82 N | 33.27 2.23 0.00 N | 36.17 2.32 0.00 N | 40.77 2.86 0.00 N | 42.65 2.81 -3.64 N | 70.27 2.12 -43.32 N | 70.63 5.12 -11.54 N | 64.70 4.91 -10.39 N | 66.32 5.70 0.00 N | 61.35 4.92 0.00 N | 69.51 4.93 -14.50 N | 67.76 5.30 -11.62 N | 73.54 4.62 -20.16 N | 76.04 3.69 -32.63 N | 69.24 5.14 -1.49 N | 66.95 4.11 -10.94 N | 59.96 4.31 -1.01 N | 78.23 6.05 0.00 N | 73.21 5.11 0.00 N | 59.07 4.94 -0.97 N | 46.23 3.85 -1.90 N | 59.22 2.92 -23.48 N | 33.81 2.48 0.00 N |
| NUCOR_STEEL___DRP 24197 | 58.84 1.54 0.00 N | 39.90 1.01 -0.28 N | 31.81 0.78 0.00 N | 33.88 0.03 0.00 N | 37.82 -0.09 0.00 N | 36.73 0.17 -0.36 N | 29.66 0.58 -4.26 N | 57.33 2.22 -1.14 N | 52.50 2.07 -1.02 N | 63.19 2.56 0.00 N | 59.07 2.64 0.00 N | 53.91 2.43 -1.41 N | 54.07 2.10 -1.13 N | 52.94 2.22 -1.96 N | 44.33 1.43 -3.19 N | 65.59 2.83 -0.14 N | 55.00 2.02 -1.07 N | 56.80 2.07 -0.10 N | 76.03 3.85 0.00 N | 71.50 3.39 0.00 N | 55.67 2.42 -0.10 N | 42.41 1.74 -0.19 N | 36.10 0.98 -2.31 N | 32.14 0.80 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 57.30 0.00 0.00 N | 38.62 0.00 0.00 N | 31.03 0.00 0.00 N | 33.85 0.00 0.00 N | 37.91 0.00 0.00 N | 36.19 0.00 0.00 N | 24.82 0.00 0.00 N | 53.97 0.00 0.00 N | 49.40 0.00 0.00 N | 60.62 0.00 0.00 N | 56.43 0.00 0.00 N | 50.08 0.00 0.00 N | 50.84 0.00 0.00 N | 48.76 0.00 0.00 N | 39.72 0.00 0.00 N | 62.62 0.00 0.00 N | 51.90 0.00 0.00 N | 54.63 0.00 0.00 N | 72.18 0.00 0.00 N | 68.10 0.00 0.00 N | 53.16 0.00 0.00 N | 40.48 0.00 0.00 N | 32.82 0.00 0.00 N | 31.33 0.00 0.00 N |

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| NYA_BRENTWD____GT 24164 | | 62.86 2.52 -3.04 N | 44.38 0.75 -5.01 N | 31.24 0.20 0.00 N | 34.31 0.46 0.00 N | 39.80 0.63 -1.26 N | 56.44 0.61 -19.63 N | 59.24 0.50 -33.91 N | 63.68 0.69 -9.02 N | 62.94 0.75 -12.79 N | 63.83 0.91 -2.31 N | 63.99 0.72 -6.84 N | 63.23 0.61 -12.54 N | 60.98 0.83 -9.31 N | 64.98 0.65 -15.56 N | 65.06 0.32 -25.03 N | 64.02 0.27 -1.14 N | 65.82 0.60 -13.32 N | 66.34 0.74 -10.97 N | 73.74 0.93 -0.63 N | 68.66 0.55 0.00 N | 63.84 0.52 -10.15 N | 76.81 0.18 -36.14 N | 59.97 0.33 -26.82 N | 58.19 0.48 -26.37 N |
| NYPA_GOWANUS____GT5 24156 | | 60.08 2.78 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 59.63 1.29 -33.52 N | 65.93 2.94 -9.02 N | 60.29 2.81 -8.07 N | 64.23 3.61 0.00 N | 59.64 3.21 0.00 N | 64.16 2.89 -11.19 N | 62.69 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.06 2.31 -25.04 N | 66.92 3.17 -1.14 N | 63.12 2.80 -8.42 N | 58.39 2.98 -0.78 N | 76.33 4.15 0.00 N | 71.55 3.45 0.00 N | 56.56 2.65 -0.75 N | 43.83 1.88 -1.46 N | 52.53 1.60 -18.12 N | 32.70 1.37 0.00 N |
| NYPA_GOWANUS____GT6 24157 | | 60.08 2.78 0.00 N | 42.21 1.42 -2.17 N | 32.01 0.97 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 59.63 1.29 -33.52 N | 65.93 2.94 -9.02 N | 60.29 2.81 -8.07 N | 64.23 3.61 0.00 N | 59.64 3.21 0.00 N | 64.16 2.89 -11.19 N | 62.69 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.06 2.31 -25.04 N | 66.92 3.17 -1.14 N | 63.12 2.80 -8.42 N | 58.39 2.98 -0.78 N | 76.33 4.15 0.00 N | 71.55 3.45 0.00 N | 56.56 2.65 -0.75 N | 43.83 1.88 -1.46 N | 52.53 1.60 -18.12 N | 32.70 1.37 0.00 N |
| NYPA_HARLEM_RVR_GT1 24160 | | 73.36 2.86 -13.20 N | 81.28 1.52 -41.14 N | 59.66 1.01 -27.62 N | 64.19 1.12 -29.22 N | 39.14 1.23 0.00 N | 40.51 1.51 -2.81 N | 61.13 1.23 -35.08 N | 113.07 2.89 -56.22 N | 115.33 2.73 -63.20 N | 117.07 3.50 -52.94 N | 111.10 3.11 -51.56 N | 101.87 2.81 -48.98 N | 112.48 2.71 -58.92 N | 110.44 2.86 -58.81 N | 67.05 2.27 -25.06 N | 88.76 3.12 -23.02 N | 101.56 2.76 -46.90 N | 83.59 2.89 -26.07 N | 113.88 4.12 -37.58 N | 136.35 3.38 -64.87 N | 179.79 2.54 -124.09 N | 161.26 1.75 -119.03 N | 112.50 1.43 -78.24 N | 163.48 1.28 -130.86 N |
| NYPA_HARLEM_RVR_GT2 24161 | | 73.36 2.86 -13.20 N | 81.28 1.52 -41.14 N | 59.66 1.01 -27.62 N | 64.19 1.12 -29.22 N | 39.14 1.23 0.00 N | 40.51 1.51 -2.81 N | 61.13 1.23 -35.08 N | 113.07 2.89 -56.22 N | 115.33 2.73 -63.20 N | 117.07 3.50 -52.94 N | 111.10 3.11 -51.56 N | 101.87 2.81 -48.98 N | 112.48 2.71 -58.92 N | 110.44 2.86 -58.81 N | 67.05 2.27 -25.06 N | 88.76 3.12 -23.02 N | 101.56 2.76 -46.90 N | 83.59 2.89 -26.07 N | 113.88 4.12 -37.58 N | 136.35 3.38 -64.87 N | 179.79 2.54 -124.09 N | 161.26 1.75 -119.03 N | 112.50 1.43 -78.24 N | 163.48 1.28 -130.86 N |
| NYPA_KENT____GT 24152 | | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.82 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 76.35 4.15 -0.03 N | 72.22 3.45 -0.67 N | 65.45 2.66 -9.63 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |
| NYPA_POUCH1____GT 24155 | | 59.91 2.62 0.00 N | 42.11 1.32 -2.17 N | 31.95 0.92 0.00 N | 34.92 1.07 0.00 N | 39.13 1.22 0.00 N | 40.46 1.46 -2.81 N | 61.12 1.22 -35.08 N | 75.48 2.76 -18.75 N | 63.50 2.66 -11.43 N | 64.07 3.42 -0.03 N | 60.56 3.00 -1.12 N | 63.97 2.70 -11.19 N | 62.52 2.72 -8.97 N | 67.07 2.74 -15.56 N | 66.93 2.14 -25.06 N | 67.99 2.90 -2.47 N | 64.02 2.57 -9.54 N | 61.12 2.75 -3.74 N | 114.99 3.81 -39.00 N | 138.04 3.18 -66.75 N | 66.11 2.50 -10.44 N | 66.15 1.78 -23.90 N | 55.27 1.51 -20.94 N | 36.09 1.29 -3.47 N |
| NYPA_VERNON____GT2 24162 | | 59.81 2.51 0.00 N | 42.07 1.28 -2.17 N | 31.94 0.90 0.00 N | 34.88 1.03 0.00 N | 39.06 1.15 0.00 N | 40.40 1.40 -2.81 N | 61.08 1.17 -35.08 N | 75.34 2.62 -18.75 N | 63.32 2.48 -11.43 N | 63.83 3.17 -0.03 N | 60.37 2.82 -1.12 N | 63.81 2.54 -11.19 N | 62.32 2.52 -8.97 N | 66.89 2.56 -15.56 N | 66.81 2.02 -25.06 N | 67.86 2.77 -2.47 N | 63.92 2.48 -9.54 N | 60.99 2.62 -3.74 N | 75.88 3.67 -0.03 N | 71.76 2.98 -0.67 N | 65.09 2.29 -9.63 N | 66.01 1.63 -23.90 N | 55.15 1.39 -20.94 N | 36.01 1.21 -3.47 N |
| NYPA_VERNON____GT3 24163 | | 59.81 2.51 0.00 N | 42.07 1.28 -2.17 N | 31.94 0.90 0.00 N | 34.88 1.03 0.00 N | 39.06 1.15 0.00 N | 40.40 1.40 -2.81 N | 61.08 1.17 -35.08 N | 75.34 2.62 -18.75 N | 63.32 2.48 -11.43 N | 63.83 3.17 -0.03 N | 60.37 2.82 -1.12 N | 63.81 2.54 -11.19 N | 62.32 2.52 -8.97 N | 66.89 2.56 -15.56 N | 66.81 2.02 -25.06 N | 67.86 2.77 -2.47 N | 63.92 2.48 -9.54 N | 60.99 2.62 -3.74 N | 75.88 3.67 -0.03 N | 71.76 2.98 -0.67 N | 65.09 2.29 -9.63 N | 66.01 1.63 -23.90 N | 55.15 1.39 -20.94 N | 36.01 1.21 -3.47 N |
| NYPA____HOLTSVILL 23794 | | 62.98 2.64 -3.04 N | 44.48 0.85 -5.01 N | 31.29 0.26 0.00 N | 34.38 0.53 0.00 N | 39.86 0.69 -1.26 N | 56.44 0.61 -19.63 N | 59.23 0.50 -33.91 N | 63.50 0.51 -9.02 N | 62.75 0.55 -12.79 N | 63.60 0.67 -2.31 N | 63.82 0.56 -6.84 N | 63.07 0.45 -12.54 N | 60.87 0.72 -9.31 N | 64.82 0.49 -15.56 N | 64.92 0.17 -25.03 N | 63.80 0.04 -1.14 N | 65.65 0.43 -13.32 N | 66.21 0.61 -10.97 N | 73.51 0.70 -0.63 N | 68.46 0.36 0.00 N | 63.51 0.20 -10.15 N | 76.44 -0.18 -36.14 N | 59.68 0.04 -26.82 N | 58.01 0.31 -26.37 N |
| NYPA____HELLGATE_GT1 24158 | | 73.36 2.86 -13.20 N | 81.28 1.52 -41.14 N | 59.66 1.01 -27.62 N | 64.19 1.12 -29.22 N | 39.14 1.23 0.00 N | 40.51 1.51 -2.81 N | 61.13 1.23 -35.08 N | 113.07 2.89 -56.22 N | 115.38 2.77 -63.20 N | 117.12 3.56 -52.94 N | 111.10 3.11 -51.56 N | 101.87 2.81 -48.98 N | 112.48 2.71 -58.92 N | 110.52 2.95 -58.81 N | 67.12 2.34 -25.06 N | 88.82 3.18 -23.02 N | 101.61 2.81 -46.90 N | 83.59 2.89 -26.07 N | 113.94 4.18 -37.58 N | 136.42 3.44 -64.87 N | 179.79 2.54 -124.09 N | 161.26 1.74 -119.03 N | 112.50 1.43 -78.24 N | 163.48 1.28 -130.86 N |
| NYPA____HELLGATE_GT2 24159 | | 73.36 2.86 -13.20 N | 81.28 1.52 -41.14 N | 59.66 1.01 -27.62 N | 64.19 1.12 -29.22 N | 39.14 1.23 0.00 N | 40.51 1.51 -2.81 N | 61.13 1.23 -35.08 N | 113.07 2.89 -56.22 N | 115.38 2.77 -63.20 N | 117.12 3.56 -52.94 N | 111.10 3.11 -51.56 N | 101.87 2.81 -48.98 N | 112.48 2.71 -58.92 N | 110.52 2.95 -58.81 N | 67.12 2.34 -25.06 N | 88.82 3.18 -23.02 N | 101.61 2.81 -46.90 N | 83.59 2.89 -26.07 N | 113.94 4.18 -37.58 N | 136.42 3.44 -64.87 N | 179.79 2.54 -124.09 N | 161.26 1.74 -119.03 N | 112.50 1.43 -78.24 N | 163.48 1.28 -130.86 N |
| NYS_BARGE____HYD 23848 | | 54.40 -2.90 0.00 N | 36.95 -1.99 -0.33 N | 29.56 -1.48 0.00 N | 32.25 -1.60 0.00 N | 35.97 -1.94 0.00 N | 34.82 -1.80 -0.43 N | 28.44 -1.45 -5.06 N | 52.01 -3.29 -1.33 N | 47.26 -3.35 -1.21 N | 56.52 -4.10 0.00 N | 53.00 -3.43 0.00 N | 48.30 -3.45 -1.68 N | 48.60 -3.59 -1.34 N | 47.36 -3.74 -2.33 N | 40.56 -2.94 -3.78 N | 58.60 -4.19 -0.17 N | 49.26 -3.91 -1.27 N | 50.71 -4.04 -0.12 N | 66.08 -6.10 0.00 N | 62.72 -5.39 0.00 N | 49.07 -4.21 -0.11 N | 37.82 -2.89 -0.22 N | 33.53 -2.05 -2.75 N | 29.70 -1.64 0.00 N |

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| O.H_GEN_BRUCE 24063 | 33.00 -3.20 8.90 N | 36.84 -2.14 -0.36 N | 29.51 -1.52 0.00 N | 32.24 -1.61 0.00 N | 35.97 -1.94 0.00 N | 34.87 -1.80 -0.47 N | 28.87 -1.51 -5.55 N | 51.65 -3.79 -1.48 N | 47.01 -3.72 -1.33 N | 56.16 -4.46 0.00 N | 52.59 -3.85 0.00 N | 48.06 -3.85 -1.84 N | 48.30 -4.01 -1.47 N | 64.71 -8.49 -10.30 N | 40.54 -3.30 -4.12 N | 57.96 -4.85 -0.19 N | 48.87 -4.42 -1.39 N | 50.18 -4.58 -0.13 N | 60.01 -9.55 -4.57 N | 62.04 -6.06 0.00 N | 55.47 -8.82 -3.49 N | 47.00 -7.28 3.06 N | 33.47 -2.36 -3.01 N | 29.48 -1.86 0.00 N |
| OAK ORCHARD___HYD 24046 | 54.40 -2.90 0.00 N | 36.90 -1.99 -0.27 N | 29.56 -1.48 0.00 N | 32.25 -1.60 0.00 N | 35.97 -1.94 0.00 N | 34.75 -1.80 -0.36 N | 27.60 -1.45 -4.22 N | 51.81 -3.29 -1.14 N | 47.05 -3.35 -1.00 N | 56.52 -4.10 0.00 N | 53.00 -3.43 0.00 N | 48.01 -3.45 -1.39 N | 48.37 -3.59 -1.11 N | 46.96 -3.74 -1.93 N | 39.92 -2.94 -3.13 N | 58.57 -4.19 -0.14 N | 49.04 -3.91 -1.06 N | 50.69 -4.04 -0.10 N | 66.08 -6.10 0.00 N | 62.72 -5.39 0.00 N | 49.05 -4.21 -0.09 N | 37.78 -2.89 -0.18 N | 33.05 -2.05 -2.28 N | 29.70 -1.64 0.00 N |
| OCC_CHEM___DRP 24175 | 53.78 -3.51 0.00 N | 36.61 -2.34 -0.34 N | 29.33 -1.70 0.00 N | 32.04 -1.81 0.00 N | 35.71 -2.20 0.00 N | 34.56 -2.07 -0.43 N | 28.21 -1.76 -5.15 N | 50.97 -4.35 -1.35 N | 46.36 -4.29 -1.24 N | 55.49 -5.13 0.00 N | 52.14 -4.29 0.00 N | 47.54 -4.26 -1.72 N | 47.76 -4.45 -1.38 N | 46.41 -4.74 -2.39 N | 39.91 -3.68 -3.87 N | 57.45 -5.34 -0.18 N | 48.22 -4.98 -1.30 N | 49.56 -5.19 -0.12 N | 64.31 -7.87 0.00 N | 61.22 -6.89 0.00 N | 47.93 -5.35 -0.12 N | 37.00 -3.70 -0.23 N | 33.00 -2.63 -2.81 N | 29.33 -2.00 0.00 N |
| OLIN_CORP_DRP 24177 | 53.77 -3.53 0.00 N | 36.59 -2.38 -0.34 N | 29.30 -1.73 0.00 N | 31.99 -1.86 0.00 N | 35.67 -2.24 0.00 N | 34.54 -2.10 -0.45 N | 28.40 -1.75 -5.33 N | 51.16 -4.25 -1.45 N | 46.46 -4.21 -1.26 N | 55.56 -5.06 0.00 N | 52.16 -4.27 0.00 N | 47.59 -4.24 -1.75 N | 47.82 -4.42 -1.40 N | 46.53 -4.66 -2.43 N | 40.02 -3.63 -3.94 N | 57.52 -5.28 -0.18 N | 48.34 -4.89 -1.33 N | 49.67 -5.09 -0.12 N | 64.51 -7.67 0.00 N | 61.37 -6.73 0.00 N | 48.04 -5.24 -0.12 N | 37.08 -3.63 -0.23 N | 33.09 -2.59 -2.86 N | 29.32 -2.01 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 56.74 -0.55 0.00 N | 38.45 -0.37 -0.21 N | 30.76 -0.27 0.00 N | 33.58 -0.27 0.00 N | 37.55 -0.36 0.00 N | 36.19 -0.27 -0.27 N | 27.85 -0.14 -3.17 N | 54.49 -0.31 -0.83 N | 49.84 -0.33 -0.76 N | 60.09 -0.53 0.00 N | 55.99 -0.44 0.00 N | 50.66 -0.47 -1.06 N | 51.20 -0.49 -0.85 N | 49.72 -0.51 -1.47 N | 41.68 -0.42 -2.38 N | 62.04 -0.68 -0.11 N | 52.11 -0.59 -0.80 N | 54.14 -0.56 -0.07 N | 71.36 -0.82 0.00 N | 67.43 -0.68 0.00 N | 52.65 -0.58 -0.07 N | 40.22 -0.41 -0.14 N | 34.22 -0.32 -1.73 N | 30.99 -0.34 0.00 N |
| ONONDAGA___COGEN 23986 | 56.44 -0.85 0.00 N | 38.26 -0.57 -0.22 N | 30.66 -0.37 0.00 N | 33.43 -0.42 0.00 N | 37.39 -0.53 0.00 N | 36.06 -0.41 -0.27 N | 27.85 -0.26 -3.29 N | 54.24 -0.58 -0.85 N | 49.53 -0.67 -0.79 N | 59.49 -1.13 0.00 N | 55.42 -1.01 0.00 N | 50.20 -0.98 -1.10 N | 50.70 -1.02 -0.88 N | 49.25 -1.05 -1.54 N | 41.35 -0.86 -2.49 N | 61.40 -1.33 -0.11 N | 51.59 -1.15 -0.84 N | 53.56 -1.15 -0.08 N | 70.47 -1.71 0.00 N | 66.62 -1.48 0.00 N | 52.06 -1.17 -0.07 N | 39.96 -0.67 -0.15 N | 34.13 -0.50 -1.80 N | 30.84 -0.49 0.00 N |
| ONTARIO___LFGE 23819 | 54.36 -2.94 0.00 N | 37.00 -1.93 -0.32 N | 29.80 -1.23 0.00 N | 32.72 -1.13 0.00 N | 36.41 -1.50 0.00 N | 35.46 -1.14 -0.41 N | 29.00 -0.71 -4.89 N | 53.69 -1.58 -1.31 N | 48.64 -1.93 -1.17 N | 57.98 -2.64 0.00 N | 54.15 -2.28 0.00 N | 49.51 -2.19 -1.62 N | 49.84 -2.29 -1.29 N | 48.58 -2.43 -2.25 N | 41.45 -1.91 -3.65 N | 59.89 -2.90 -0.17 N | 50.60 -2.52 -1.23 N | 52.51 -2.23 -0.11 N | 68.69 -3.49 0.00 N | 65.01 -3.09 0.00 N | 50.75 -2.52 -0.11 N | 38.78 -1.92 -0.21 N | 34.20 -1.26 -2.64 N | 30.31 -1.03 0.00 N |
| OSWEGATCHIE___HYD 24044 | 57.59 0.30 0.00 N | 38.72 0.14 0.04 N | 31.09 0.06 0.00 N | 33.96 0.11 0.00 N | 38.06 0.15 0.00 N | 36.35 0.21 0.05 N | 24.08 -0.15 0.59 N | 53.33 -0.48 0.16 N | 48.86 -0.40 0.14 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 49.75 -0.14 0.18 N | 50.72 0.03 0.14 N | 48.61 0.10 0.25 N | 39.40 0.09 0.41 N | 62.76 0.16 0.02 N | 51.90 0.15 0.15 N | 54.72 0.10 0.01 N | 72.41 0.23 0.00 N | 68.01 -0.09 0.00 N | 53.44 0.30 0.01 N | 40.80 0.35 0.03 N | 32.66 0.17 0.33 N | 31.58 0.24 0.00 N |
| OSWEGO___5 23606 | 56.28 -1.01 0.00 N | 38.09 -0.68 -0.16 N | 30.48 -0.55 0.00 N | 33.29 -0.56 0.00 N | 37.26 -0.66 0.00 N | 35.80 -0.60 -0.21 N | 26.87 -0.41 -2.46 N | 53.72 -0.91 -0.66 N | 49.13 -0.86 -0.59 N | 59.53 -1.10 0.00 N | 55.45 -0.98 0.00 N | 49.97 -0.92 -0.81 N | 50.54 -0.96 -0.65 N | 48.94 -0.96 -1.13 N | 40.78 -0.78 -1.84 N | 61.50 -1.20 -0.08 N | 51.48 -1.04 -0.62 N | 53.63 -1.06 -0.06 N | 70.70 -1.48 0.00 N | 66.79 -1.31 0.00 N | 52.16 -1.06 -0.05 N | 39.81 -0.78 -0.11 N | 33.54 -0.61 -1.33 N | 30.76 -0.58 0.00 N |
| OSWEGO___6 23613 | 56.28 -1.02 0.00 N | 38.09 -0.69 -0.16 N | 30.48 -0.56 0.00 N | 33.29 -0.56 0.00 N | 37.25 -0.66 0.00 N | 35.80 -0.60 -0.21 N | 26.87 -0.42 -2.46 N | 53.71 -0.91 -0.66 N | 49.13 -0.86 -0.59 N | 59.52 -1.10 0.00 N | 55.44 -0.99 0.00 N | 49.96 -0.93 -0.81 N | 50.53 -0.96 -0.65 N | 48.94 -0.96 -1.13 N | 40.78 -0.78 -1.84 N | 61.49 -1.21 -0.08 N | 51.48 -1.04 -0.62 N | 53.62 -1.07 -0.06 N | 70.69 -1.49 0.00 N | 66.78 -1.32 0.00 N | 52.16 -1.06 -0.05 N | 39.80 -0.79 -0.11 N | 33.54 -0.61 -1.33 N | 30.75 -0.58 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 54.42 -2.88 0.00 N | 37.04 -1.92 -0.34 N | 29.63 -1.41 0.00 N | 32.38 -1.47 0.00 N | 36.11 -1.80 0.00 N | 34.90 -1.75 -0.45 N | 28.64 -1.49 -5.31 N | 51.78 -3.63 -1.44 N | 47.02 -3.65 -1.27 N | 56.24 -4.38 0.00 N | 52.76 -3.68 0.00 N | 48.14 -3.70 -1.76 N | 48.37 -3.88 -1.41 N | 47.12 -4.09 -2.44 N | 40.47 -3.21 -3.96 N | 58.14 -4.66 -0.18 N | 48.91 -4.32 -1.33 N | 50.29 -4.47 -0.12 N | 65.49 -6.70 0.00 N | 62.30 -5.80 0.00 N | 48.72 -4.56 -0.12 N | 37.50 -3.22 -0.23 N | 33.35 -2.32 -2.85 N | 29.48 -1.85 0.00 N |
| OXBOW___ 24026 | 54.21 -3.08 0.00 N | 36.91 -2.05 -0.34 N | 29.57 -1.46 0.00 N | 32.27 -1.58 0.00 N | 35.99 -1.92 0.00 N | 34.81 -1.83 -0.45 N | 28.57 -1.56 -5.31 N | 51.55 -3.86 -1.44 N | 46.83 -3.84 -1.27 N | 56.02 -4.60 0.00 N | 52.59 -3.84 0.00 N | 47.98 -3.85 -1.76 N | 48.21 -4.04 -1.41 N | 46.91 -4.29 -2.44 N | 40.33 -3.34 -3.96 N | 57.96 -4.84 -0.18 N | 48.71 -4.52 -1.33 N | 50.07 -4.69 -0.12 N | 65.09 -7.09 0.00 N | 61.94 -6.17 0.00 N | 48.46 -4.82 -0.12 N | 37.35 -3.36 -0.23 N | 33.27 -2.40 -2.85 N | 29.47 -1.86 0.00 N |
| PEEKSKILL___ 23653 | 58.80 1.50 0.00 N | 41.43 0.66 -2.16 N | 31.41 0.38 0.00 N | 34.40 0.55 0.00 N | 38.57 0.66 0.00 N | 39.81 0.83 -2.79 N | 58.75 0.71 -33.22 N | 64.42 1.57 -8.88 N | 58.88 1.52 -7.96 N | 62.57 1.95 0.00 N | 58.17 1.74 0.00 N | 62.65 1.54 -11.04 N | 61.27 1.59 -8.84 N | 65.73 1.62 -15.35 N | 65.74 1.22 -24.80 N | 65.39 1.65 -1.13 N | 61.78 1.54 -8.34 N | 57.08 1.67 -0.77 N | 74.55 2.37 0.00 N | 70.03 1.93 0.00 N | 55.40 1.50 -0.74 N | 42.96 1.03 -1.45 N | 51.68 0.89 -17.97 N | 32.07 0.73 0.00 N |

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| PGE MADISON___WINDPWR 24146 | 60.87 3.58 0.00 N | 41.72 2.39 -0.71 N | 32.96 1.93 0.00 N | 35.96 2.11 0.00 N | 40.13 2.21 0.00 N | 39.70 2.59 -0.92 N | 37.93 2.20 -10.90 N | 62.11 5.21 -2.93 N | 56.77 4.76 -2.60 N | 66.47 5.85 0.00 N | 61.88 5.45 0.00 N | 58.42 4.74 -3.60 N | 58.62 4.89 -2.89 N | 58.45 4.67 -5.01 N | 51.57 3.71 -8.14 N | 68.70 5.71 -0.37 N | 59.53 4.89 -2.74 N | 60.13 5.24 -0.25 N | 79.52 7.34 0.00 N | 75.08 6.98 0.00 N | 58.57 5.16 -0.24 N | 44.57 3.61 -0.48 N | 41.29 2.58 -5.90 N | 33.46 2.13 0.00 N |
| PIERCEFIELD___HYD 23852 | 57.49 0.19 0.00 N | 38.60 0.07 0.08 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 38.00 0.09 0.00 N | 36.19 0.11 0.11 N | 23.19 -0.35 1.29 N | 52.48 -1.15 0.34 N | 48.03 -1.06 0.31 N | 59.77 -0.86 0.00 N | 55.70 -0.73 0.00 N | 48.99 -0.67 0.41 N | 49.85 -0.66 0.33 N | 47.63 -0.56 0.57 N | 38.35 -0.44 0.93 N | 62.00 -0.57 0.04 N | 51.12 -0.45 0.33 N | 53.98 -0.63 0.03 N | 71.34 -0.84 0.00 N | 67.18 -0.92 0.00 N | 53.13 0.00 0.03 N | 40.43 0.00 0.06 N | 32.08 -0.02 0.71 N | 31.60 0.27 0.00 N |
| PJM_GEN_KEystone 24065 | 13.21 -3.25 28.64 N | 12.39 -2.88 20.30 N | 12.38 -2.08 20.28 N | 13.40 -1.65 18.53 N | 7.00 -1.74 38.33 N | 20.00 -1.81 27.16 N | 39.99 -3.67 13.62 N | 52.42 -3.54 -2.00 N | 47.83 -3.37 -1.79 N | 56.58 -4.05 0.00 N | 52.71 -3.72 0.00 N | 49.86 -2.72 -2.50 N | 50.02 -2.82 -2.00 N | 71.00 -2.20 -10.30 N | 43.19 -2.19 -5.66 N | 59.43 -3.45 -0.26 N | 50.95 -2.85 -1.91 N | 51.96 -2.86 -0.18 N | 67.29 -2.27 -4.57 N | 64.62 -3.48 0.00 N | 61.86 -2.43 -3.49 N | 50.09 -4.19 3.06 N | 35.31 -1.59 -4.09 N | 29.51 -1.82 0.00 N |
| PLEASANTVLY___LBMP 24000 | 58.07 0.77 0.00 N | 41.28 0.41 -2.25 N | 31.32 0.28 0.00 N | 34.21 0.36 0.00 N | 38.35 0.44 0.00 N | 39.56 0.46 -2.91 N | 59.79 0.35 -34.62 N | 63.84 0.63 -9.24 N | 58.29 0.57 -8.31 N | 61.30 0.68 0.00 N | 57.00 0.57 0.00 N | 62.19 0.58 -11.54 N | 60.68 0.60 -9.24 N | 65.40 0.60 -16.04 N | 66.07 0.46 -25.89 N | 64.35 0.56 -1.18 N | 61.18 0.57 -8.71 N | 56.09 0.65 -0.81 N | 73.18 1.00 0.00 N | 68.86 0.76 0.00 N | 54.55 0.62 -0.77 N | 42.45 0.45 -1.52 N | 51.99 0.42 -18.75 N | 31.68 0.35 0.00 N |
| POLETTI___ 23519 | 59.55 2.25 0.00 N | 41.87 1.08 -2.17 N | 31.73 0.69 0.00 N | 34.74 0.89 0.00 N | 38.95 1.04 0.00 N | 40.24 1.24 -2.81 N | 59.38 1.04 -33.52 N | 65.33 2.34 -9.02 N | 59.76 2.28 -8.07 N | 63.55 2.93 0.00 N | 59.07 2.64 0.00 N | 63.64 2.37 -11.19 N | 62.23 2.42 -8.97 N | 66.75 2.42 -15.56 N | 66.62 1.87 -25.04 N | 66.28 2.52 -1.14 N | 62.60 2.28 -8.42 N | 57.88 2.47 -0.78 N | 75.59 3.41 0.00 N | 70.92 2.82 0.00 N | 56.11 2.20 -0.75 N | 43.50 1.56 -1.46 N | 52.26 1.33 -18.12 N | 32.46 1.13 0.00 N |
| PORT_JEFF_3 23555 | 62.77 2.44 -3.04 N | 44.41 0.79 -5.01 N | 31.25 0.22 0.00 N | 34.31 0.46 0.00 N | 39.79 0.62 -1.26 N | 56.33 0.50 -19.63 N | 59.07 0.33 -33.91 N | 62.88 -0.11 -9.02 N | 62.09 -0.11 -12.79 N | 62.77 -0.16 -2.31 N | 63.08 -0.18 -6.84 N | 62.40 -0.22 -12.54 N | 60.33 0.18 -9.31 N | 64.19 -0.14 -15.56 N | 64.36 -0.39 -25.03 N | 62.94 -0.82 -1.14 N | 64.93 -0.28 -13.32 N | 65.44 -0.16 -10.97 N | 72.10 -0.70 -0.63 N | 67.17 -0.94 0.00 N | 62.61 -0.70 -10.15 N | 75.93 -0.69 -36.14 N | 59.28 -0.36 -26.82 N | 57.61 -0.09 -26.37 N |
| PORT_JEFF_4 23616 | 62.65 2.32 -3.04 N | 44.38 0.75 -5.01 N | 31.23 0.20 0.00 N | 34.29 0.43 0.00 N | 39.75 0.58 -1.26 N | 56.23 0.40 -19.63 N | 59.01 0.28 -33.91 N | 62.83 -0.15 -9.02 N | 62.07 -0.13 -12.79 N | 62.71 -0.22 -2.31 N | 63.03 -0.23 -6.84 N | 62.35 -0.27 -12.54 N | 60.20 0.05 -9.31 N | 64.12 -0.21 -15.56 N | 64.32 -0.43 -25.03 N | 62.87 -0.89 -1.14 N | 64.90 -0.32 -13.32 N | 65.43 -0.18 -10.97 N | 72.47 -0.34 -0.63 N | 67.53 -0.58 0.00 N | 62.83 -0.48 -10.15 N | 75.89 -0.74 -36.14 N | 59.21 -0.43 -26.82 N | 57.56 -0.14 -26.37 N |
| PORT_JEFF_IC 23713 | 62.91 2.57 -3.04 N | 44.47 0.85 -5.01 N | 31.28 0.25 0.00 N | 34.37 0.52 0.00 N | 39.85 0.68 -1.26 N | 56.40 0.57 -19.63 N | 59.16 0.42 -33.91 N | 63.13 0.14 -9.02 N | 62.35 0.16 -12.79 N | 63.10 0.17 -2.31 N | 63.38 0.12 -6.84 N | 62.67 0.05 -12.54 N | 60.56 0.41 -9.31 N | 64.44 0.12 -15.56 N | 64.58 -0.17 -25.03 N | 63.28 -0.48 -1.14 N | 65.22 0.01 -13.32 N | 65.75 0.14 -10.97 N | 72.49 -0.32 -0.63 N | 67.52 -0.58 0.00 N | 62.85 -0.47 -10.15 N | 76.12 -0.51 -36.14 N | 59.43 -0.20 -26.82 N | 57.77 0.07 -26.37 N |
| PPL PILGRIM_ST_GT1 24216 | 62.86 2.52 -3.04 N | 44.38 0.75 -5.01 N | 31.24 0.20 0.00 N | 34.31 0.46 0.00 N | 39.80 0.63 -1.26 N | 56.44 0.61 -19.63 N | 59.24 0.50 -33.91 N | 63.68 0.69 -9.02 N | 62.94 0.75 -12.79 N | 63.83 0.91 -2.31 N | 63.99 0.72 -6.84 N | 63.23 0.61 -12.54 N | 60.98 0.83 -9.31 N | 64.98 0.65 -15.56 N | 65.06 0.32 -25.03 N | 64.02 0.27 -1.14 N | 65.82 0.60 -13.32 N | 66.34 0.74 -10.97 N | 73.74 0.93 -0.63 N | 68.66 0.55 0.00 N | 63.84 0.52 -10.15 N | 76.81 0.18 -36.14 N | 59.97 0.33 -26.82 N | 58.19 0.48 -26.37 N |
| PPL PILGRIM_ST_GT2 24217 | 62.86 2.52 -3.04 N | 44.38 0.75 -5.01 N | 31.24 0.20 0.00 N | 34.31 0.46 0.00 N | 39.80 0.63 -1.26 N | 56.44 0.61 -19.63 N | 59.24 0.50 -33.91 N | 63.68 0.69 -9.02 N | 62.94 0.75 -12.79 N | 63.83 0.91 -2.31 N | 63.99 0.72 -6.84 N | 63.23 0.61 -12.54 N | 60.98 0.83 -9.31 N | 64.98 0.65 -15.56 N | 65.06 0.32 -25.03 N | 64.02 0.27 -1.14 N | 65.82 0.60 -13.32 N | 66.34 0.74 -10.97 N | 73.74 0.93 -0.63 N | 68.66 0.55 0.00 N | 63.84 0.52 -10.15 N | 76.81 0.18 -36.14 N | 59.97 0.33 -26.82 N | 58.19 0.48 -26.37 N |
| PPL_SHRM_GT3 24213 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| PPL_SHRM_GT4 24214 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| PROJECT___ORANGE 23990 | 57.30 0.00 0.00 N | 38.62 0.00 0.00 N | 31.03 0.00 0.00 N | 33.85 0.00 0.00 N | 37.91 0.00 0.00 N | 36.19 0.00 0.00 N | 24.82 0.00 0.00 N | 53.97 0.00 0.00 N | 49.40 0.00 0.00 N | 60.62 0.00 0.00 N | 56.43 0.00 0.00 N | 50.08 0.00 0.00 N | 50.84 0.00 0.00 N | 48.76 0.00 0.00 N | 39.72 0.00 0.00 N | 62.62 0.00 0.00 N | 51.90 0.00 0.00 N | 54.63 0.00 0.00 N | 72.18 0.00 0.00 N | 68.10 0.00 0.00 N | 53.16 0.00 0.00 N | 40.48 0.00 0.00 N | 32.82 0.00 0.00 N | 31.33 0.00 0.00 N |

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| PROJECT__ORANGE 1 24174 | 56.94 -0.36 0.00 N | 38.54 -0.26 -0.18 N | 30.82 -0.22 0.00 N | 33.67 -0.18 0.00 N | 37.65 -0.26 0.00 N | 36.20 -0.23 -0.23 N | 27.44 -0.11 -2.73 N | 54.41 -0.25 -0.70 N | 49.82 -0.25 -0.66 N | 60.24 -0.38 0.00 N | 56.16 -0.27 0.00 N | 50.69 -0.31 -0.92 N | 51.26 -0.32 -0.74 N | 49.68 -0.36 -1.28 N | 41.51 -0.29 -2.08 N | 62.21 -0.51 -0.09 N | 52.14 -0.46 -0.70 N | 54.26 -0.44 -0.06 N | 71.54 -0.64 0.00 N | 67.59 -0.51 0.00 N | 52.78 -0.44 -0.06 N | 40.30 -0.31 -0.12 N | 34.07 -0.25 -1.50 N | 31.10 -0.24 0.00 N |
| PROJECT__ORANGE 2 24166 | 56.94 -0.36 0.00 N | 38.54 -0.26 -0.18 N | 30.82 -0.22 0.00 N | 33.67 -0.18 0.00 N | 37.65 -0.26 0.00 N | 36.20 -0.23 -0.23 N | 27.44 -0.11 -2.73 N | 54.41 -0.25 -0.70 N | 49.82 -0.25 -0.66 N | 60.24 -0.38 0.00 N | 56.16 -0.27 0.00 N | 50.69 -0.31 -0.92 N | 51.26 -0.32 -0.74 N | 49.68 -0.36 -1.28 N | 41.51 -0.29 -2.08 N | 62.21 -0.51 -0.09 N | 52.14 -0.46 -0.70 N | 54.26 -0.44 -0.06 N | 71.54 -0.64 0.00 N | 67.59 -0.51 0.00 N | 52.78 -0.44 -0.06 N | 40.30 -0.31 -0.12 N | 34.07 -0.25 -1.50 N | 31.10 -0.24 0.00 N |
| PYRITES__HYD 24023 | 59.06 1.77 0.00 N | 39.64 1.11 0.09 N | 31.91 0.88 0.00 N | 34.78 0.93 0.00 N | 39.00 1.09 0.00 N | 37.20 1.12 0.11 N | 24.02 0.51 1.32 N | 54.40 0.78 0.34 N | 49.80 0.72 0.32 N | 61.89 1.27 0.00 N | 57.67 1.24 0.00 N | 50.73 1.08 0.42 N | 51.60 1.10 0.34 N | 49.31 1.14 0.59 N | 39.68 0.93 0.96 N | 64.12 1.55 0.04 N | 52.91 1.34 0.33 N | 55.92 1.32 0.03 N | 74.02 1.84 0.00 N | 69.71 1.61 0.00 N | 54.92 1.79 0.03 N | 41.71 1.29 0.06 N | 33.05 0.97 0.74 N | 32.51 1.18 0.00 N |
| RANKINE____ 23646 | 54.50 -2.79 0.00 N | 37.06 -1.93 -0.37 N | 29.62 -1.41 0.00 N | 32.38 -1.47 0.00 N | 36.15 -1.76 0.00 N | 35.04 -1.63 -0.48 N | 29.16 -1.35 -5.69 N | 52.16 -3.31 -1.50 N | 47.48 -3.29 -1.37 N | 56.73 -3.89 0.00 N | 53.08 -3.35 0.00 N | 48.54 -3.43 -1.89 N | 48.73 -3.62 -1.51 N | 47.64 -3.75 -2.63 N | 41.00 -2.97 -4.26 N | 58.42 -4.39 -0.19 N | 49.32 -4.02 -1.43 N | 50.65 -4.11 -0.13 N | 66.04 -6.14 0.00 N | 62.89 -5.21 0.00 N | 49.14 -4.15 -0.13 N | 37.73 -3.00 -0.25 N | 33.76 -2.14 -3.09 N | 29.58 -1.75 0.00 N |
| RAVENS GT4-7____ 23728 | 59.79 2.49 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.89 0.00 N | 34.87 1.02 0.00 N | 39.05 1.14 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.16 -33.52 N | 65.58 2.59 -9.02 N | 59.94 2.47 -8.07 N | 63.77 3.15 0.00 N | 59.23 2.80 0.00 N | 63.79 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.55 -15.56 N | 66.77 2.01 -25.04 N | 66.50 2.75 -1.14 N | 62.77 2.46 -8.42 N | 58.02 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.38 -18.12 N | 32.54 1.20 0.00 N |
| RAVENSWD GT2____ 23730 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWD GT3____ 23733 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |

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|---|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| RAVENSWOOD_GT3_3 24250 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT_1 23729 | 59.58 2.28 0.00 N | 41.90 1.11 -2.17 N | 31.74 0.71 0.00 N | 34.76 0.91 0.00 N | 38.97 1.06 0.00 N | 40.26 1.26 -2.81 N | 60.95 1.04 -35.08 N | 75.01 2.29 -18.75 N | 63.01 2.18 -11.43 N | 63.41 2.76 -0.03 N | 60.04 2.48 -1.12 N | 63.50 2.23 -11.19 N | 62.08 2.27 -8.97 N | 66.60 2.27 -15.56 N | 66.53 1.75 -25.06 N | 67.44 2.35 -2.47 N | 63.60 2.16 -9.54 N | 60.70 2.33 -3.74 N | 75.42 3.22 -0.03 N | 71.38 2.61 -0.67 N | 64.84 2.04 -9.63 N | 65.85 1.47 -23.90 N | 55.05 1.29 -20.94 N | 35.93 1.13 -3.47 N |
| RAVENSWOOD_GT_10 24258 | 59.80 2.50 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.17 -33.52 N | 65.60 2.61 -9.02 N | 59.94 2.47 -8.07 N | 63.78 3.16 0.00 N | 59.24 2.81 0.00 N | 63.80 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.56 -15.56 N | 66.77 2.01 -25.04 N | 66.51 2.76 -1.14 N | 62.78 2.46 -8.42 N | 58.03 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.39 -18.12 N | 32.54 1.21 0.00 N |
| RAVENSWOOD_GT_11 24259 | 59.80 2.50 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.17 -33.52 N | 65.60 2.61 -9.02 N | 59.94 2.47 -8.07 N | 63.78 3.16 0.00 N | 59.24 2.81 0.00 N | 63.80 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.56 -15.56 N | 66.77 2.01 -25.04 N | 66.51 2.76 -1.14 N | 62.78 2.46 -8.42 N | 58.03 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.39 -18.12 N | 32.54 1.21 0.00 N |
| RAVENSWOOD_GT_4 24252 | 59.79 2.49 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.89 0.00 N | 34.87 1.02 0.00 N | 39.05 1.14 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.16 -33.52 N | 65.58 2.59 -9.02 N | 59.94 2.47 -8.07 N | 63.77 3.15 0.00 N | 59.23 2.80 0.00 N | 63.79 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.55 -15.56 N | 66.77 2.01 -25.04 N | 66.50 2.75 -1.14 N | 62.77 2.46 -8.42 N | 58.02 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.38 -18.12 N | 32.54 1.20 0.00 N |
| RAVENSWOOD_GT_5 24254 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT_6 24253 | 59.79 2.49 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.89 0.00 N | 34.87 1.02 0.00 N | 39.05 1.14 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.16 -33.52 N | 65.58 2.59 -9.02 N | 59.94 2.47 -8.07 N | 63.77 3.15 0.00 N | 59.23 2.80 0.00 N | 63.79 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.55 -15.56 N | 66.77 2.01 -25.04 N | 66.50 2.75 -1.14 N | 62.77 2.46 -8.42 N | 58.02 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.38 -18.12 N | 32.54 1.20 0.00 N |
| RAVENSWOOD_GT_7 24255 | 59.57 2.27 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.75 0.90 0.00 N | 38.96 1.05 0.00 N | 40.26 1.25 -2.81 N | 59.39 1.05 -33.52 N | 65.33 2.34 -9.02 N | 59.73 2.26 -8.07 N | 63.51 2.89 0.00 N | 59.03 2.60 0.00 N | 63.60 2.33 -11.19 N | 62.18 2.37 -8.97 N | 66.71 2.39 -15.56 N | 66.60 1.84 -25.04 N | 66.26 2.50 -1.14 N | 62.58 2.27 -8.42 N | 57.86 2.44 -0.78 N | 75.58 3.40 0.00 N | 70.90 2.80 0.00 N | 56.08 2.17 -0.75 N | 43.49 1.54 -1.46 N | 52.26 1.32 -18.12 N | 32.47 1.14 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 59.80 2.50 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.17 -33.52 N | 65.60 2.61 -9.02 N | 59.94 2.47 -8.07 N | 63.78 3.16 0.00 N | 59.24 2.81 0.00 N | 63.80 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.56 -15.56 N | 66.77 2.01 -25.04 N | 66.51 2.76 -1.14 N | 62.78 2.46 -8.42 N | 58.03 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.39 -18.12 N | 32.54 1.21 0.00 N |
| RAVENSWOOD_GT_9 24257 | 59.80 2.50 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.17 -33.52 N | 65.60 2.61 -9.02 N | 59.94 2.47 -8.07 N | 63.78 3.16 0.00 N | 59.24 2.81 0.00 N | 63.80 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.56 -15.56 N | 66.77 2.01 -25.04 N | 66.51 2.76 -1.14 N | 62.78 2.46 -8.42 N | 58.03 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.39 -18.12 N | 32.54 1.21 0.00 N |
| RAVENSWOOD____1 23533 | 59.72 2.42 0.00 N | 42.03 1.23 -2.17 N | 31.90 0.86 0.00 N | 34.83 0.98 0.00 N | 39.02 1.11 0.00 N | 40.34 1.34 -2.81 N | 61.05 1.14 -35.08 N | 75.21 2.49 -18.75 N | 63.16 2.33 -11.43 N | 63.61 2.95 -0.03 N | 60.15 2.60 -1.12 N | 63.61 2.34 -11.19 N | 62.10 2.29 -8.97 N | 66.67 2.34 -15.56 N | 66.64 1.86 -25.06 N | 67.62 2.53 -2.47 N | 63.71 2.27 -9.54 N | 60.77 2.42 -3.74 N | 75.57 3.37 -0.03 N | 71.44 2.67 -0.67 N | 64.87 2.07 -9.63 N | 65.87 1.49 -23.90 N | 55.06 1.30 -20.94 N | 35.98 1.18 -3.47 N |
| RAVENSWOOD____2 23534 | 59.71 2.41 0.00 N | 42.03 1.24 -2.17 N | 31.91 0.88 0.00 N | 34.84 0.99 0.00 N | 39.02 1.11 0.00 N | 40.34 1.34 -2.81 N | 61.04 1.14 -35.08 N | 75.23 2.51 -18.75 N | 63.17 2.33 -11.43 N | 63.63 2.97 -0.03 N | 60.18 2.63 -1.12 N | 63.64 2.38 -11.19 N | 62.11 2.31 -8.97 N | 66.68 2.36 -15.56 N | 66.66 1.88 -25.06 N | 67.67 2.58 -2.47 N | 63.75 2.30 -9.54 N | 60.79 2.42 -3.74 N | 75.60 3.39 -0.03 N | 71.46 2.68 -0.67 N | 64.85 2.05 -9.63 N | 65.85 1.47 -23.90 N | 55.04 1.27 -20.94 N | 35.90 1.10 -3.47 N |

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| RAVENSWOOD___3 23535 | 59.58 2.28 0.00 N | 41.90 1.11 -2.17 N | 31.74 0.71 0.00 N | 34.76 0.91 0.00 N | 38.97 1.06 0.00 N | 40.26 1.26 -2.81 N | 59.39 1.04 -33.52 N | 65.28 2.29 -9.02 N | 59.65 2.18 -8.07 N | 63.38 2.76 0.00 N | 58.92 2.48 0.00 N | 63.50 2.23 -11.19 N | 62.08 2.27 -8.97 N | 66.60 2.27 -15.56 N | 66.51 1.75 -25.04 N | 66.11 2.35 -1.14 N | 62.47 2.16 -8.42 N | 57.74 2.33 -0.78 N | 75.40 3.22 0.00 N | 70.71 2.61 0.00 N | 55.95 2.04 -0.75 N | 43.42 1.47 -1.46 N | 52.22 1.29 -18.12 N | 32.46 1.13 0.00 N |
| RAVENSWOOD___4 23820 | 59.81 2.51 0.00 N | 42.07 1.28 -2.17 N | 31.94 0.90 0.00 N | 34.88 1.03 0.00 N | 39.06 1.15 0.00 N | 40.40 1.40 -2.81 N | 61.08 1.17 -35.08 N | 75.34 2.62 -18.75 N | 63.32 2.48 -11.43 N | 63.82 3.17 -0.03 N | 60.37 2.82 -1.12 N | 63.81 2.54 -11.19 N | 62.32 2.52 -8.97 N | 66.89 2.56 -15.56 N | 66.81 2.02 -25.06 N | 67.86 2.77 -2.47 N | 63.92 2.48 -9.54 N | 60.99 2.62 -3.74 N | 75.87 3.67 -0.03 N | 71.75 2.98 -0.67 N | 65.08 2.29 -9.63 N | 66.01 1.63 -23.90 N | 55.15 1.39 -20.94 N | 36.01 1.21 -3.47 N |
| RAVNSWD 8-11___ 23667 | 59.80 2.50 0.00 N | 42.06 1.27 -2.17 N | 31.93 0.90 0.00 N | 34.87 1.02 0.00 N | 39.06 1.15 0.00 N | 40.39 1.39 -2.81 N | 59.51 1.17 -33.52 N | 65.60 2.61 -9.02 N | 59.94 2.47 -8.07 N | 63.78 3.16 0.00 N | 59.24 2.81 0.00 N | 63.80 2.53 -11.19 N | 62.31 2.51 -8.97 N | 66.88 2.56 -15.56 N | 66.77 2.01 -25.04 N | 66.51 2.76 -1.14 N | 62.78 2.46 -8.42 N | 58.03 2.61 -0.78 N | 75.83 3.65 0.00 N | 71.07 2.97 0.00 N | 56.19 2.28 -0.75 N | 43.57 1.62 -1.46 N | 52.32 1.39 -18.12 N | 32.54 1.21 0.00 N |
| RCPL_TRUST___DRP 24196 | 59.57 2.28 0.00 N | 41.89 1.10 -2.17 N | 31.74 0.70 0.00 N | 34.76 0.91 0.00 N | 38.97 1.06 0.00 N | 40.26 1.26 -2.81 N | 59.39 1.05 -33.52 N | 65.36 2.37 -9.02 N | 59.78 2.30 -8.07 N | 63.58 2.95 0.00 N | 59.10 2.67 0.00 N | 63.66 2.39 -11.19 N | 62.24 2.44 -8.97 N | 66.77 2.45 -15.56 N | 66.64 1.89 -25.04 N | 66.33 2.58 -1.14 N | 62.64 2.33 -8.42 N | 57.92 2.51 -0.78 N | 75.67 3.49 0.00 N | 71.01 2.91 0.00 N | 56.16 2.25 -0.75 N | 43.54 1.59 -1.46 N | 52.29 1.35 -18.12 N | 32.49 1.16 0.00 N |
| RENSSELAER___COGEN 23796 | 61.01 3.71 0.00 N | 44.09 2.73 -2.74 N | 33.17 2.14 0.00 N | 36.09 2.24 0.00 N | 40.47 2.56 0.00 N | 42.09 2.36 -3.54 N | 68.67 1.76 -42.08 N | 69.22 4.04 -11.21 N | 63.27 3.78 -10.09 N | 65.17 4.55 0.00 N | 60.61 4.18 0.00 N | 68.07 4.00 -13.99 N | 66.17 4.12 -11.21 N | 72.18 3.96 -19.46 N | 74.48 3.27 -31.50 N | 68.98 4.93 -1.43 N | 66.81 4.29 -10.62 N | 59.97 4.35 -0.99 N | 78.27 6.09 0.00 N | 73.43 5.33 0.00 N | 58.40 4.30 -0.94 N | 45.84 3.50 -1.85 N | 58.24 2.53 -22.89 N | 33.58 2.25 0.00 N |
| REVERE_CPPR_DRP 24186 | 58.65 1.35 0.00 N | 39.56 0.91 -0.04 N | 31.73 0.69 0.00 N | 34.64 0.78 0.00 N | 38.78 0.87 0.00 N | 37.17 0.93 -0.05 N | 26.16 0.75 -0.58 N | 55.88 1.75 -0.16 N | 51.20 1.65 -0.14 N | 62.62 2.00 0.00 N | 58.28 1.85 0.00 N | 51.92 1.65 -0.20 N | 52.70 1.70 -0.16 N | 50.68 1.63 -0.28 N | 41.47 1.30 -0.45 N | 64.60 1.97 -0.02 N | 53.70 1.66 -0.15 N | 56.43 1.78 -0.01 N | 74.62 2.44 0.00 N | 70.36 2.26 0.00 N | 54.88 1.70 -0.01 N | 41.76 1.25 -0.02 N | 34.04 0.92 -0.31 N | 32.07 0.74 0.00 N |
| ROCHESTER_9_IC 23652 | 57.42 0.12 0.00 N | 39.02 0.14 -0.27 N | 31.17 0.13 0.00 N | 33.96 0.11 0.00 N | 37.95 0.04 0.00 N | 36.69 0.14 -0.35 N | 29.19 0.18 -4.19 N | 55.76 0.66 -1.13 N | 50.89 0.49 -0.99 N | 61.24 0.62 0.00 N | 57.36 0.93 0.00 N | 52.24 0.79 -1.38 N | 52.70 0.76 -1.10 N | 51.18 0.51 -1.92 N | 43.32 0.50 -3.10 N | 63.75 0.99 -0.14 N | 53.53 0.58 -1.05 N | 55.40 0.67 -0.10 N | 72.97 0.78 0.00 N | 68.82 0.71 0.00 N | 53.85 0.59 -0.09 N | 41.23 0.57 -0.18 N | 35.40 0.33 -2.25 N | 31.75 0.41 0.00 N |
| ROSETON___1 23587 | 58.18 0.88 0.00 N | 41.31 0.52 -2.16 N | 31.39 0.35 0.00 N | 34.34 0.49 0.00 N | 38.49 0.58 0.00 N | 39.61 0.62 -2.80 N | 58.58 0.48 -33.28 N | 63.64 0.79 -8.88 N | 57.97 0.60 -7.96 N | 61.31 0.69 0.00 N | 57.04 0.61 0.00 N | 61.87 0.75 -11.04 N | 60.53 0.84 -8.85 N | 64.93 0.82 -15.35 N | 65.17 0.58 -24.87 N | 64.42 0.67 -1.13 N | 61.14 0.86 -8.38 N | 56.45 1.04 -0.78 N | 73.78 1.60 0.00 N | 69.05 0.95 0.00 N | 54.80 0.90 -0.74 N | 42.65 0.71 -1.46 N | 51.48 0.63 -18.04 N | 31.92 0.58 0.00 N |
| ROSETON___2 23588 | 58.36 1.07 0.00 N | 41.37 0.59 -2.16 N | 31.41 0.38 0.00 N | 34.38 0.53 0.00 N | 38.54 0.62 0.00 N | 39.66 0.67 -2.80 N | 58.62 0.52 -33.28 N | 63.82 0.97 -8.88 N | 58.20 0.83 -7.96 N | 61.60 0.98 0.00 N | 57.30 0.87 0.00 N | 62.02 0.90 -11.04 N | 60.65 0.97 -8.85 N | 65.07 0.96 -15.35 N | 65.30 0.71 -24.87 N | 64.62 0.87 -1.13 N | 61.27 0.99 -8.38 N | 56.55 1.14 -0.78 N | 73.92 1.74 0.00 N | 69.29 1.18 0.00 N | 54.91 1.01 -0.74 N | 42.71 0.77 -1.46 N | 51.53 0.68 -18.04 N | 31.95 0.62 0.00 N |
| RUSSELL___STATION 23914 | 56.51 -0.79 0.00 N | 38.39 -0.49 -0.27 N | 30.74 -0.29 0.00 N | 33.44 -0.41 0.00 N | 37.36 -0.55 0.00 N | 36.16 -0.38 -0.35 N | 28.86 -0.15 -4.18 N | 55.06 -0.04 -1.13 N | 50.24 -0.16 -0.99 N | 60.44 -0.18 0.00 N | 56.65 0.22 0.00 N | 51.62 0.17 -1.38 N | 52.02 0.08 -1.10 N | 50.54 -0.14 -1.92 N | 42.79 -0.03 -3.10 N | 62.87 0.11 -0.14 N | 52.81 -0.14 -1.05 N | 54.68 -0.05 -0.10 N | 72.05 -0.13 0.00 N | 67.91 -0.20 0.00 N | 53.12 -0.13 -0.09 N | 40.66 -0.01 -0.18 N | 34.89 -0.18 -2.25 N | 31.24 -0.10 0.00 N |
| S SALMON___HYD 24043 | 56.91 -0.38 0.00 N | 38.46 -0.29 -0.13 N | 30.78 -0.25 0.00 N | 33.61 -0.24 0.00 N | 37.63 -0.28 0.00 N | 36.16 -0.20 -0.17 N | 26.67 -0.17 -2.01 N | 54.23 -0.25 -0.52 N | 49.67 -0.23 -0.49 N | 60.41 -0.21 0.00 N | 56.28 -0.15 0.00 N | 50.59 -0.17 -0.68 N | 51.22 -0.17 -0.54 N | 49.53 -0.18 -0.95 N | 41.08 -0.17 -1.53 N | 62.40 -0.29 -0.07 N | 52.06 -0.35 -0.51 N | 54.36 -0.32 -0.05 N | 71.82 -0.36 0.00 N | 67.76 -0.34 0.00 N | 52.87 -0.34 -0.05 N | 40.46 -0.11 -0.09 N | 33.78 -0.14 -1.10 N | 31.12 -0.22 0.00 N |
| SELKIRK___II 23799 | 60.66 3.37 0.00 N | 43.84 2.48 -2.74 N | 32.93 1.90 0.00 N | 35.88 2.03 0.00 N | 40.23 2.32 0.00 N | 41.86 2.13 -3.54 N | 68.50 1.60 -42.08 N | 68.91 3.73 -11.21 N | 63.00 3.51 -10.09 N | 64.85 4.23 0.00 N | 60.33 3.90 0.00 N | 67.73 3.71 -13.94 N | 65.87 3.86 -11.17 N | 71.89 3.73 -19.39 N | 74.18 3.07 -31.39 N | 68.69 4.65 -1.43 N | 66.56 4.05 -10.60 N | 59.74 4.12 -0.99 N | 77.97 5.78 0.00 N | 73.15 5.05 0.00 N | 58.17 4.07 -0.94 N | 45.56 3.23 -1.85 N | 57.98 2.31 -22.85 N | 33.40 2.06 0.00 N |
| SELKIRK___I 23801 | 59.90 2.61 0.00 N | 43.29 1.93 -2.74 N | 32.52 1.49 0.00 N | 35.42 1.57 0.00 N | 39.70 1.79 0.00 N | 41.38 1.65 -3.53 N | 68.11 1.27 -42.02 N | 68.14 2.97 -11.20 N | 62.27 2.79 -10.07 N | 63.97 3.35 0.00 N | 59.55 3.12 0.00 N | 66.99 3.00 -13.91 N | 65.12 3.13 -11.15 N | 71.15 3.04 -19.35 N | 73.53 2.49 -31.33 N | 67.76 3.72 -1.43 N | 65.79 3.30 -10.59 N | 58.97 3.35 -0.98 N | 76.99 4.81 0.00 N | 72.18 4.08 0.00 N | 57.40 3.30 -0.94 N | 45.00 2.68 -1.84 N | 57.50 1.87 -22.81 N | 33.00 1.67 0.00 N |

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| SENECA OSWGO___HYD 24041 | 56.46 -0.84 0.00 N | 38.21 -0.58 -0.17 N | 30.64 -0.40 0.00 N | 33.36 -0.49 0.00 N | 37.33 -0.58 0.00 N | 35.91 -0.50 -0.22 N | 27.13 -0.29 -2.60 N | 54.04 -0.61 -0.68 N | 49.45 -0.58 -0.63 N | 59.81 -0.81 0.00 N | 55.72 -0.71 0.00 N | 50.26 -0.68 -0.87 N | 50.82 -0.73 -0.70 N | 49.24 -0.74 -1.21 N | 41.05 -0.64 -1.97 N | 61.69 -1.02 -0.09 N | 51.68 -0.88 -0.66 N | 53.82 -0.88 -0.06 N | 70.98 -1.20 0.00 N | 67.03 -1.08 0.00 N | 52.32 -0.90 -0.06 N | 39.93 -0.66 -0.11 N | 33.71 -0.54 -1.42 N | 30.78 -0.55 0.00 N |
| SENECA___ENERGY 23797 | 55.50 -1.80 0.00 N | 37.72 -1.18 -0.28 N | 30.30 -0.74 0.00 N | 33.28 -0.58 0.00 N | 37.08 -0.83 0.00 N | 36.01 -0.55 -0.37 N | 28.93 -0.25 -4.36 N | 54.65 -0.48 -1.16 N | 49.65 -0.80 -1.04 N | 59.32 -1.30 0.00 N | 55.33 -1.10 0.00 N | 50.47 -1.05 -1.45 N | 50.91 -1.09 -1.16 N | 49.54 -1.24 -2.01 N | 42.03 -0.95 -3.27 N | 61.30 -1.47 -0.15 N | 51.75 -1.25 -1.10 N | 53.77 -0.97 -0.10 N | 70.53 -1.65 0.00 N | 66.62 -1.49 0.00 N | 52.05 -1.21 -0.10 N | 39.81 -0.86 -0.19 N | 34.64 -0.55 -2.37 N | 30.88 -0.45 0.00 N |
| SHOEMAKER___GT 23640 | 57.67 0.37 0.00 N | 40.63 0.04 -1.98 N | 31.01 -0.03 0.00 N | 33.90 0.05 0.00 N | 38.03 0.12 0.00 N | 38.97 0.21 -2.56 N | 55.31 0.22 -30.27 N | 62.35 0.35 -8.04 N | 56.90 0.32 -7.17 N | 61.06 0.44 0.00 N | 56.76 0.33 0.00 N | 60.23 0.23 -9.92 N | 59.06 0.27 -7.95 N | 62.94 0.37 -13.80 N | 62.60 0.22 -22.67 N | 64.04 0.39 -1.04 N | 59.97 0.41 -7.66 N | 55.78 0.44 -0.71 N | 72.89 0.71 0.00 N | 68.59 0.49 0.00 N | 54.23 0.39 -0.68 N | 42.01 0.19 -1.33 N | 49.58 0.25 -16.50 N | 31.50 0.17 0.00 N |
| SHOREHAM_IC_1 23715 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| SHOREHAM_IC_2 23716 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| SISSONVILLE____ 23735 | 57.49 0.19 0.00 N | 38.60 0.07 0.08 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 38.00 0.09 0.00 N | 36.19 0.11 0.11 N | 23.19 -0.35 1.29 N | 52.48 -1.15 0.34 N | 48.03 -1.06 0.31 N | 59.77 -0.86 0.00 N | 55.70 -0.73 0.00 N | 48.99 -0.67 0.41 N | 49.85 -0.66 0.33 N | 47.63 -0.56 0.57 N | 38.35 -0.44 0.93 N | 62.00 -0.57 0.04 N | 51.12 -0.45 0.33 N | 53.98 -0.63 0.03 N | 71.34 -0.84 0.00 N | 67.18 -0.92 0.00 N | 53.13 0.00 0.03 N | 40.43 0.00 0.06 N | 32.08 -0.02 0.71 N | 31.60 0.27 0.00 N |
| SITHE_IND_GS1 24169 | 56.06 -1.24 0.00 N | 37.92 -0.83 -0.14 N | 30.40 -0.63 0.00 N | 33.15 -0.70 0.00 N | 37.10 -0.81 0.00 N | 35.63 -0.74 -0.17 N | 26.41 -0.52 -2.10 N | 53.35 -1.14 -0.53 N | 48.84 -1.08 -0.51 N | 59.26 -1.36 0.00 N | 55.20 -1.23 0.00 N | 49.66 -1.14 -0.71 N | 50.24 -1.17 -0.57 N | 48.59 -1.17 -0.99 N | 40.38 -0.95 -1.61 N | 61.23 -1.46 -0.07 N | 51.19 -1.26 -0.54 N | 53.39 -1.29 -0.05 N | 70.38 -1.80 0.00 N | 66.49 -1.61 0.00 N | 51.92 -1.29 -0.05 N | 39.62 -0.96 -0.09 N | 33.24 -0.75 -1.17 N | 30.63 -0.70 0.00 N |
| SITHE_IND_GS2 24170 | 56.06 -1.24 0.00 N | 37.92 -0.83 -0.14 N | 30.40 -0.63 0.00 N | 33.15 -0.70 0.00 N | 37.10 -0.81 0.00 N | 35.63 -0.74 -0.17 N | 26.41 -0.52 -2.10 N | 53.35 -1.14 -0.53 N | 48.84 -1.08 -0.51 N | 59.26 -1.36 0.00 N | 55.20 -1.23 0.00 N | 49.66 -1.14 -0.71 N | 50.24 -1.17 -0.57 N | 48.59 -1.17 -0.99 N | 40.38 -0.95 -1.61 N | 61.23 -1.46 -0.07 N | 51.19 -1.26 -0.54 N | 53.39 -1.29 -0.05 N | 70.38 -1.80 0.00 N | 66.49 -1.61 0.00 N | 51.92 -1.29 -0.05 N | 39.62 -0.96 -0.09 N | 33.24 -0.75 -1.17 N | 30.63 -0.70 0.00 N |
| SITHE_IND_GS3 24171 | 56.06 -1.24 0.00 N | 37.92 -0.83 -0.14 N | 30.40 -0.63 0.00 N | 33.15 -0.70 0.00 N | 37.10 -0.81 0.00 N | 35.63 -0.74 -0.17 N | 26.41 -0.52 -2.10 N | 53.35 -1.14 -0.53 N | 48.84 -1.08 -0.51 N | 59.26 -1.36 0.00 N | 55.20 -1.23 0.00 N | 49.66 -1.14 -0.71 N | 50.24 -1.17 -0.57 N | 48.59 -1.17 -0.99 N | 40.38 -0.95 -1.61 N | 61.23 -1.46 -0.07 N | 51.19 -1.26 -0.54 N | 53.39 -1.29 -0.05 N | 70.38 -1.80 0.00 N | 66.49 -1.61 0.00 N | 51.92 -1.29 -0.05 N | 39.62 -0.96 -0.09 N | 33.24 -0.75 -1.17 N | 30.63 -0.70 0.00 N |
| SITHE_IND_GS4 24172 | 56.06 -1.24 0.00 N | 37.92 -0.83 -0.14 N | 30.40 -0.63 0.00 N | 33.15 -0.70 0.00 N | 37.10 -0.81 0.00 N | 35.63 -0.74 -0.17 N | 26.41 -0.52 -2.10 N | 53.35 -1.14 -0.53 N | 48.84 -1.08 -0.51 N | 59.26 -1.36 0.00 N | 55.20 -1.23 0.00 N | 49.66 -1.14 -0.71 N | 50.24 -1.17 -0.57 N | 48.59 -1.17 -0.99 N | 40.38 -0.95 -1.61 N | 61.23 -1.46 -0.07 N | 51.19 -1.26 -0.54 N | 53.39 -1.29 -0.05 N | 70.38 -1.80 0.00 N | 66.49 -1.61 0.00 N | 51.92 -1.29 -0.05 N | 39.62 -0.96 -0.09 N | 33.24 -0.75 -1.17 N | 30.63 -0.70 0.00 N |
| SITHE___BATAVIA 24024 | 56.03 -1.26 0.00 N | 37.98 -0.95 -0.31 N | 30.34 -0.69 0.00 N | 33.07 -0.78 0.00 N | 36.92 -0.99 0.00 N | 35.78 -0.82 -0.41 N | 29.05 -0.60 -4.83 N | 54.21 -1.06 -1.30 N | 49.33 -1.22 -1.15 N | 59.09 -1.54 0.00 N | 55.33 -1.10 0.00 N | 50.34 -1.32 -1.59 N | 50.72 -1.39 -1.27 N | 49.45 -1.52 -2.21 N | 42.11 -1.18 -3.58 N | 61.28 -1.50 -0.16 N | 51.55 -1.56 -1.20 N | 53.17 -1.57 -0.11 N | 69.63 -2.55 0.00 N | 65.86 -2.25 0.00 N | 51.49 -1.78 -0.11 N | 39.57 -1.12 -0.21 N | 34.63 -0.79 -2.60 N | 30.70 -0.63 0.00 N |
| SITHE___INDEPEND 23800 | 56.06 -1.24 0.00 N | 37.92 -0.83 -0.14 N | 30.40 -0.63 0.00 N | 33.15 -0.70 0.00 N | 37.10 -0.81 0.00 N | 35.63 -0.74 -0.17 N | 26.41 -0.52 -2.10 N | 53.35 -1.14 -0.53 N | 48.84 -1.08 -0.51 N | 59.26 -1.36 0.00 N | 55.20 -1.23 0.00 N | 49.66 -1.14 -0.71 N | 50.24 -1.17 -0.57 N | 48.59 -1.17 -0.99 N | 40.38 -0.95 -1.61 N | 61.23 -1.46 -0.07 N | 51.19 -1.26 -0.54 N | 53.39 -1.29 -0.05 N | 70.38 -1.80 0.00 N | 66.49 -1.61 0.00 N | 51.92 -1.29 -0.05 N | 39.62 -0.96 -0.09 N | 33.24 -0.75 -1.17 N | 30.63 -0.70 0.00 N |
| SITHE___MASSENA 23902 | 57.06 -0.24 0.00 N | 38.30 -0.20 0.11 N | 30.82 -0.21 0.00 N | 33.68 -0.17 0.00 N | 37.73 -0.18 0.00 N | 35.84 -0.20 0.15 N | 22.80 -0.25 1.77 N | 52.76 -0.72 0.48 N | 48.30 -0.69 0.42 N | 59.96 -0.66 0.00 N | 55.83 -0.60 0.00 N | 48.94 -0.57 0.56 N | 49.79 -0.60 0.45 N | 47.45 -0.53 -0.78 N | 38.04 -0.41 1.27 N | 62.06 -0.50 0.06 N | 51.05 -0.41 0.44 N | 54.16 -0.43 0.04 N | 71.63 -0.55 0.00 N | 67.61 -0.49 0.00 N | 52.84 -0.28 0.04 N | 40.12 -0.28 0.08 N | 31.63 -0.23 0.97 N | 31.35 0.01 0.00 N |

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| SITHE___OGDNSBRG 24021 | 58.87 1.57 0.00 N | 39.51 0.99 0.10 N | 31.75 0.72 0.00 N | 34.69 0.84 0.00 N | 38.88 0.97 0.00 N | 37.05 0.98 0.12 N | 23.99 0.65 1.48 N | 54.83 1.23 0.37 N | 50.16 1.12 0.36 N | 62.20 1.58 0.00 N | 57.92 1.49 0.00 N | 50.88 1.29 0.49 N | 51.72 1.27 0.39 N | 49.37 1.28 0.68 N | 39.67 1.05 1.10 N | 64.35 1.78 0.05 N | 53.04 1.52 0.38 N | 56.22 1.63 0.04 N | 74.45 2.27 0.00 N | 70.25 2.14 0.00 N | 54.88 1.75 0.04 N | 41.61 1.19 0.07 N | 32.88 0.90 0.84 N | 32.40 1.07 0.00 N |
| SITHE___STERLING 23777 | 58.19 0.90 0.00 N | 39.30 0.62 -0.06 N | 31.59 0.55 0.00 N | 34.39 0.54 0.00 N | 38.50 0.58 0.00 N | 36.92 0.65 -0.07 N | 26.23 0.54 -0.87 N | 55.42 1.25 -0.20 N | 50.79 1.17 -0.22 N | 62.02 1.39 0.00 N | 57.72 1.29 0.00 N | 51.52 1.14 -0.31 N | 52.27 1.18 -0.25 N | 50.31 1.11 -0.43 N | 41.31 0.89 -0.70 N | 63.99 1.34 -0.03 N | 53.25 1.12 -0.23 N | 55.87 1.21 -0.02 N | 73.81 1.63 0.00 N | 69.65 1.55 0.00 N | 54.32 1.14 -0.02 N | 41.35 0.83 -0.04 N | 33.92 0.61 -0.49 N | 31.81 0.48 0.00 N |
| SOUTH CAIRO___GT 23612 | 59.51 2.21 0.00 N | 42.65 1.60 -2.44 N | 32.33 1.30 0.00 N | 35.21 1.36 0.00 N | 39.46 1.55 0.00 N | 40.80 1.45 -3.15 N | 63.28 1.00 -37.45 N | 66.17 2.19 -10.01 N | 60.49 2.12 -8.96 N | 63.24 2.61 0.00 N | 58.89 2.46 0.00 N | 64.81 2.31 -12.42 N | 63.04 2.24 -9.96 N | 68.10 2.06 -17.28 N | 69.37 1.68 -27.97 N | 66.47 2.58 -1.27 N | 63.43 2.09 -9.44 N | 57.66 2.15 -0.88 N | 74.99 2.81 0.00 N | 70.90 2.80 0.00 N | 56.19 2.19 -0.84 N | 43.84 1.72 -1.64 N | 54.46 1.32 -20.32 N | 32.45 1.11 0.00 N |
| SOUTH HAMPTN___IC 23720 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| SOUTHOLD___IC 23719 | 62.94 2.60 -3.04 N | 44.45 0.83 -5.01 N | 31.28 0.24 0.00 N | 34.35 0.50 0.00 N | 39.83 0.66 -1.26 N | 56.37 0.54 -19.63 N | 59.15 0.41 -33.91 N | 63.27 0.28 -9.02 N | 62.53 0.33 -12.79 N | 63.35 0.42 -2.31 N | 63.59 0.32 -6.84 N | 62.87 0.25 -12.54 N | 60.66 0.51 -9.31 N | 64.62 0.29 -15.56 N | 64.75 0.00 -25.03 N | 63.54 -0.22 -1.14 N | 65.44 0.22 -13.32 N | 66.00 0.40 -10.97 N | 73.26 0.46 -0.63 N | 68.23 0.13 0.00 N | 63.16 -0.15 -10.15 N | 76.03 -0.59 -36.14 N | 59.40 -0.24 -26.82 N | 57.91 0.20 -26.37 N |
| ST LAWRENCE___ 23600 | 56.62 -0.68 0.00 N | 38.02 -0.48 0.12 N | 30.68 -0.36 0.00 N | 33.44 -0.41 0.00 N | 37.45 -0.46 0.00 N | 35.56 -0.47 0.16 N | 22.55 -0.42 1.85 N | 52.51 -0.96 0.49 N | 48.06 -0.90 0.44 N | 59.66 -0.96 0.00 N | 55.55 -0.88 0.00 N | 48.66 -0.83 0.59 N | 49.49 -0.87 0.47 N | 47.14 -0.80 0.82 N | 37.76 -0.61 1.34 N | 61.74 -0.82 0.06 N | 50.75 -0.69 0.46 N | 53.88 -0.72 0.04 N | 71.23 -0.95 0.00 N | 67.26 -0.84 0.00 N | 52.51 -0.61 0.04 N | 39.88 -0.52 0.08 N | 31.38 -0.42 1.02 N | 31.08 -0.25 0.00 N |
| STATION 5_MISC_HYD 23604 | 57.81 0.51 0.00 N | 39.21 0.32 -0.27 N | 31.16 0.13 0.00 N | 33.97 0.12 0.00 N | 38.02 0.11 0.00 N | 36.84 0.30 -0.35 N | 29.69 0.71 -4.16 N | 57.35 2.25 -1.13 N | 52.79 2.40 -0.99 N | 62.78 2.15 0.00 N | 58.52 2.09 0.00 N | 53.40 1.96 -1.37 N | 53.62 1.68 -1.10 N | 52.03 1.37 -1.90 N | 43.98 1.18 -3.08 N | 64.79 2.03 -0.14 N | 54.66 1.73 -1.04 N | 56.85 2.12 -0.10 N | 75.10 2.92 0.00 N | 70.83 2.73 0.00 N | 55.28 2.03 -0.09 N | 42.21 1.54 -0.18 N | 35.74 0.69 -2.24 N | 31.85 0.51 0.00 N |
| STURGEON_POOL_HYD 23609 | 57.90 0.60 0.00 N | 41.13 0.28 -2.23 N | 31.15 0.11 0.00 N | 34.11 0.26 0.00 N | 38.24 0.33 0.00 N | 39.45 0.36 -2.89 N | 59.49 0.31 -34.35 N | 63.77 0.62 -9.18 N | 58.15 0.54 -8.21 N | 61.24 0.62 0.00 N | 56.98 0.55 0.00 N | 62.05 0.60 -11.37 N | 60.54 0.59 -9.11 N | 65.16 0.59 -15.81 N | 65.78 0.43 -25.63 N | 64.26 0.47 -1.17 N | 61.15 0.61 -8.64 N | 56.16 0.72 -0.80 N | 73.38 1.20 0.00 N | 68.93 0.83 0.00 N | 54.58 0.66 -0.77 N | 42.47 0.48 -1.50 N | 51.80 0.39 -18.59 N | 31.67 0.34 0.00 N |
| SYRACUSE___POWER 24017 | 56.74 -0.55 0.00 N | 38.45 -0.37 -0.21 N | 30.76 -0.27 0.00 N | 33.58 -0.27 0.00 N | 37.55 -0.36 0.00 N | 36.19 -0.27 -0.27 N | 27.85 -0.14 -3.17 N | 54.49 -0.31 -0.83 N | 49.84 -0.33 -0.76 N | 60.09 -0.53 0.00 N | 55.99 -0.44 0.00 N | 50.66 -0.47 -1.06 N | 51.20 -0.49 -0.85 N | 49.72 -0.51 -1.47 N | 41.68 -0.42 -2.38 N | 62.04 -0.68 -0.11 N | 52.11 -0.59 -0.80 N | 54.14 -0.56 -0.07 N | 71.36 -0.82 0.00 N | 67.43 -0.68 0.00 N | 52.65 -0.58 -0.07 N | 40.22 -0.41 -0.14 N | 34.22 -0.32 -1.73 N | 30.99 -0.34 0.00 N |
| Stony___Brook 24151 | 62.91 2.57 -3.04 N | 44.47 0.85 -5.01 N | 31.28 0.25 0.00 N | 34.37 0.52 0.00 N | 39.85 0.68 -1.26 N | 56.40 0.57 -19.63 N | 59.16 0.42 -33.91 N | 63.13 0.14 -9.02 N | 62.35 0.16 -12.79 N | 63.10 0.17 -2.31 N | 63.38 0.12 -6.84 N | 62.67 0.05 -12.54 N | 60.56 0.41 -9.31 N | 64.44 0.12 -15.56 N | 64.58 -0.17 -25.03 N | 63.28 -0.48 -1.14 N | 65.22 0.01 -13.32 N | 65.75 0.14 -10.97 N | 72.49 -0.32 -0.63 N | 67.52 -0.58 0.00 N | 62.85 -0.47 -10.15 N | 76.12 -0.51 -36.14 N | 59.43 -0.20 -26.82 N | 57.77 0.07 -26.37 N |
| UPPER HUDSON___HYD 24058 | 60.98 3.69 0.00 N | 44.12 2.66 -2.84 N | 32.95 1.92 0.00 N | 35.82 1.97 0.00 N | 40.33 2.42 0.00 N | 42.23 2.38 -3.66 N | 70.03 1.69 -43.52 N | 69.86 4.23 -11.66 N | 63.95 4.10 -10.44 N | 65.28 4.66 0.00 N | 60.47 4.04 0.00 N | 68.75 4.09 -14.58 N | 67.23 4.71 -11.69 N | 73.29 4.24 -20.28 N | 76.11 3.56 -32.83 N | 69.38 5.27 -1.49 N | 66.85 3.95 -11.00 N | 59.71 4.06 -1.02 N | 77.68 5.49 0.00 N | 72.82 4.72 0.00 N | 58.32 4.19 -0.97 N | 45.53 3.14 -1.91 N | 58.91 2.49 -23.60 N | 33.50 2.16 0.00 N |
| UPPER RAQUET___HYD 24056 | 57.49 0.19 0.00 N | 38.60 0.07 0.08 N | 31.06 0.02 0.00 N | 33.90 0.05 0.00 N | 38.00 0.09 0.00 N | 36.19 0.11 0.11 N | 23.19 -0.35 1.29 N | 52.48 -1.15 0.34 N | 48.03 -1.06 0.31 N | 59.77 -0.86 0.00 N | 55.70 -0.73 0.00 N | 48.99 -0.67 0.41 N | 49.85 -0.66 0.33 N | 47.63 -0.56 0.57 N | 38.35 -0.44 0.93 N | 62.00 -0.57 0.04 N | 51.12 -0.45 0.33 N | 53.98 -0.63 0.03 N | 71.34 -0.84 0.00 N | 67.18 -0.92 0.00 N | 53.13 0.00 0.03 N | 40.43 0.00 0.06 N | 32.08 -0.02 0.71 N | 31.60 0.27 0.00 N |
| VISCHER___FERRY HYD 24020 | 60.93 3.63 0.00 N | 44.14 2.75 -2.77 N | 33.20 2.16 0.00 N | 36.03 2.18 0.00 N | 40.47 2.56 0.00 N | 42.12 2.35 -3.58 N | 69.15 1.74 -42.58 N | 69.36 4.04 -11.36 N | 63.54 3.94 -10.20 N | 65.40 4.78 0.00 N | 60.75 4.32 0.00 N | 68.50 4.24 -14.19 N | 66.57 4.36 -11.37 N | 72.62 4.13 -19.73 N | 75.07 3.41 -31.94 N | 69.17 5.10 -1.45 N | 67.00 4.36 -10.74 N | 60.02 4.39 -1.00 N | 78.13 5.95 0.00 N | 73.46 5.36 0.00 N | 58.56 4.45 -0.95 N | 45.88 3.53 -1.87 N | 58.50 2.56 -23.12 N | 33.53 2.20 0.00 N |

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|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| WADING RIVER_1-3_GRP5 24038 | 63.00 2.67 -3.04 N | 44.50 0.87 -5.01 N | 31.30 0.27 0.00 N | 34.39 0.54 0.00 N | 39.87 0.70 -1.26 N | 56.21 0.38 -19.63 N | 58.95 0.21 -33.91 N | 62.79 -0.20 -9.02 N | 62.08 -0.11 -12.79 N | 62.80 -0.13 -2.31 N | 63.08 -0.18 -6.84 N | 62.42 -0.20 -12.54 N | 60.20 0.05 -9.31 N | 64.19 -0.14 -15.56 N | 64.40 -0.35 -25.03 N | 62.99 -0.76 -1.14 N | 64.98 -0.24 -13.32 N | 65.52 -0.09 -10.97 N | 72.65 -0.16 -0.63 N | 67.63 -0.48 0.00 N | 62.71 -0.61 -10.15 N | 75.70 -0.92 -36.14 N | 59.19 -0.44 -26.82 N | 57.96 0.25 -26.37 N |
| WADING RIVER_IC_1 23522 | 63.00 2.67 -3.04 N | 44.50 0.87 -5.01 N | 31.30 0.27 0.00 N | 34.39 0.54 0.00 N | 39.87 0.70 -1.26 N | 56.21 0.38 -19.63 N | 58.95 0.21 -33.91 N | 62.79 -0.20 -9.02 N | 62.08 -0.11 -12.79 N | 62.80 -0.13 -2.31 N | 63.08 -0.18 -6.84 N | 62.42 -0.20 -12.54 N | 60.20 0.05 -9.31 N | 64.19 -0.14 -15.56 N | 64.40 -0.35 -25.03 N | 62.99 -0.76 -1.14 N | 64.98 -0.24 -13.32 N | 65.52 -0.09 -10.97 N | 72.65 -0.16 -0.63 N | 67.63 -0.48 0.00 N | 62.71 -0.61 -10.15 N | 75.70 -0.92 -36.14 N | 59.19 -0.44 -26.82 N | 57.96 0.25 -26.37 N |
| WADING RIVER_IC_2 23547 | 63.00 2.67 -3.04 N | 44.50 0.87 -5.01 N | 31.30 0.27 0.00 N | 34.39 0.54 0.00 N | 39.87 0.70 -1.26 N | 56.21 0.38 -19.63 N | 58.95 0.21 -33.91 N | 62.79 -0.20 -9.02 N | 62.08 -0.11 -12.79 N | 62.80 -0.13 -2.31 N | 63.08 -0.18 -6.84 N | 62.42 -0.20 -12.54 N | 60.20 0.05 -9.31 N | 64.19 -0.14 -15.56 N | 64.40 -0.35 -25.03 N | 62.99 -0.76 -1.14 N | 64.98 -0.24 -13.32 N | 65.52 -0.09 -10.97 N | 72.65 -0.16 -0.63 N | 67.63 -0.48 0.00 N | 62.71 -0.61 -10.15 N | 75.70 -0.92 -36.14 N | 59.19 -0.44 -26.82 N | 57.96 0.25 -26.37 N |
| WADING RIVER_IC_3 23601 | 63.00 2.67 -3.04 N | 44.50 0.87 -5.01 N | 31.30 0.27 0.00 N | 34.39 0.54 0.00 N | 39.87 0.70 -1.26 N | 56.41 0.59 -19.63 N | 59.20 0.47 -33.91 N | 63.18 0.19 -9.02 N | 62.41 0.22 -12.79 N | 63.21 0.28 -2.31 N | 63.46 0.20 -6.84 N | 62.76 0.14 -12.54 N | 60.54 0.39 -9.31 N | 64.51 0.19 -15.56 N | 64.67 -0.08 -25.03 N | 63.41 -0.35 -1.14 N | 65.32 0.11 -13.32 N | 65.88 0.28 -10.97 N | 73.10 0.30 -0.63 N | 68.07 -0.03 0.00 N | 63.06 -0.25 -10.15 N | 75.98 -0.65 -36.14 N | 59.44 -0.19 -26.82 N | 57.96 0.26 -26.37 N |
| WALDEN___HYDRO 24148 | 58.38 1.08 0.00 N | 41.25 0.56 -2.07 N | 31.40 0.37 0.00 N | 34.39 0.54 0.00 N | 38.55 0.64 0.00 N | 39.66 0.72 -2.75 N | 57.99 0.56 -32.60 N | 63.74 1.08 -8.70 N | 58.05 0.95 -7.69 N | 61.74 1.12 0.00 N | 57.40 0.97 0.00 N | 61.46 0.89 -10.49 N | 60.18 0.93 -8.41 N | 64.32 0.97 -14.59 N | 64.24 0.73 -23.79 N | 64.65 0.95 -1.08 N | 60.95 1.02 -8.03 N | 56.53 1.15 -0.74 N | 73.94 1.76 0.00 N | 69.41 1.30 0.00 N | 54.91 1.03 -0.71 N | 42.62 0.74 -1.40 N | 50.73 0.63 -17.28 N | 31.92 0.58 0.00 N |
| WARRENSBURG___ 23737 | 60.58 3.28 0.00 N | 43.84 2.38 -2.84 N | 32.75 1.71 0.00 N | 35.58 1.73 0.00 N | 40.06 2.15 0.00 N | 41.97 2.12 -3.66 N | 69.89 1.54 -43.52 N | 69.51 3.88 -11.66 N | 63.63 3.78 -10.44 N | 64.90 4.27 0.00 N | 60.12 3.69 0.00 N | 68.42 3.77 -14.58 N | 66.90 4.37 -11.69 N | 72.97 3.93 -20.28 N | 75.85 3.30 -32.83 N | 68.98 4.86 -1.49 N | 66.52 3.62 -11.00 N | 59.37 3.72 -1.02 N | 77.23 5.05 0.00 N | 72.41 4.31 0.00 N | 57.99 3.85 -0.97 N | 45.27 2.88 -1.91 N | 58.69 2.27 -23.60 N | 33.28 1.94 0.00 N |
| WATERSIDE___6 8 9 23538 | 59.78 2.48 0.00 N | 42.05 1.26 -2.17 N | 31.93 0.89 0.00 N | 34.86 1.01 0.00 N | 39.05 1.13 0.00 N | 40.37 1.37 -2.81 N | 61.06 1.15 -35.08 N | 75.30 2.58 -18.75 N | 63.28 2.45 -11.43 N | 63.78 3.13 -0.03 N | 60.34 2.78 -1.12 N | 63.78 2.51 -11.19 N | 62.29 2.49 -8.97 N | 66.87 2.54 -15.56 N | 66.78 2.00 -25.06 N | 67.82 2.74 -2.47 N | 63.89 2.45 -9.54 N | 60.96 2.59 -3.74 N | 75.84 3.63 -0.03 N | 71.72 2.94 -0.67 N | 65.05 2.26 -9.63 N | 65.98 1.60 -23.90 N | 55.14 1.37 -20.94 N | 35.99 1.19 -3.47 N |
| WEST BABYLON___IC 23714 | 63.60 3.27 -3.04 N | 45.20 1.58 -5.01 N | 32.02 0.98 0.00 N | 35.05 1.20 0.00 N | 40.57 1.40 -1.26 N | 57.33 1.50 -19.63 N | 59.95 1.22 -33.91 N | 65.63 2.64 -9.02 N | 64.83 2.64 -12.79 N | 66.34 3.41 -2.31 N | 66.40 3.13 -6.84 N | 65.46 2.84 -12.54 N | 63.06 2.90 -9.31 N | 67.19 2.86 -15.56 N | 66.97 2.22 -25.03 N | 66.92 3.17 -1.14 N | 68.04 2.82 -13.32 N | 68.45 2.85 -10.97 N | 76.41 3.61 -0.63 N | 71.07 2.96 0.00 N | 65.79 2.47 -10.15 N | 78.52 1.90 -36.14 N | 61.21 1.58 -26.82 N | 59.13 1.43 -26.37 N |
| WEST CANADA___HYD 24049 | 57.61 0.31 0.00 N | 38.78 0.23 0.06 N | 31.26 0.22 0.00 N | 34.03 0.18 0.00 N | 38.13 0.21 0.00 N | 36.31 0.21 0.09 N | 23.96 0.17 1.03 N | 54.01 0.34 0.30 N | 49.51 0.34 0.24 N | 61.02 0.40 0.00 N | 56.78 0.35 0.00 N | 50.10 0.34 0.31 N | 50.95 0.36 0.25 N | 48.67 0.35 0.44 N | 39.28 0.27 0.71 N | 62.98 0.39 0.03 N | 51.99 0.33 0.25 N | 54.95 0.34 0.02 N | 72.63 0.45 0.00 N | 68.51 0.40 0.00 N | 53.45 0.32 0.02 N | 40.68 0.24 0.04 N | 32.47 0.20 0.54 N | 31.48 0.14 0.00 N |
| WESTERN_NY_WIND 24143 | 56.03 -1.26 0.00 N | 37.99 -0.95 -0.32 N | 30.34 -0.69 0.00 N | 33.07 -0.78 0.00 N | 36.92 -0.99 0.00 N | 35.79 -0.82 -0.41 N | 29.10 -0.60 -4.88 N | 54.22 -1.06 -1.31 N | 49.35 -1.22 -1.16 N | 59.09 -1.54 0.00 N | 55.33 -1.10 0.00 N | 50.36 -1.32 -1.61 N | 50.74 -1.39 -1.29 N | 49.48 -1.52 -2.23 N | 42.15 -1.18 -3.62 N | 61.28 -1.50 -0.16 N | 51.56 -1.56 -1.22 N | 53.18 -1.57 -0.11 N | 69.63 -2.55 0.00 N | 65.86 -2.25 0.00 N | 51.49 -1.78 -0.11 N | 39.58 -1.12 -0.21 N | 34.66 -0.79 -2.63 N | 30.70 -0.63 0.00 N |
| YORK___WARBASSE 23770 | 60.08 2.78 0.00 N | 42.22 1.43 -2.17 N | 32.01 0.98 0.00 N | 35.00 1.15 0.00 N | 39.21 1.30 0.00 N | 40.55 1.55 -2.81 N | 61.19 1.29 -35.08 N | 75.66 2.94 -18.75 N | 63.65 2.82 -11.43 N | 64.26 3.61 -0.03 N | 60.77 3.22 -1.12 N | 64.16 2.90 -11.19 N | 62.70 2.89 -8.97 N | 67.25 2.92 -15.56 N | 67.09 2.31 -25.06 N | 68.26 3.17 -2.47 N | 64.25 2.80 -9.54 N | 61.35 2.98 -3.74 N | 115.32 4.15 -39.00 N | 138.30 3.45 -66.75 N | 66.26 2.66 -10.44 N | 66.26 1.89 -23.90 N | 55.36 1.60 -20.94 N | 36.17 1.37 -3.47 N |