

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

09/02/2010

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 45.52 | 43.49 | 35.68 | 36.50 | 43.56 | 46.54 | 44.87 | 46.88 | 67.79 | 65.65 | 74.60 | 92.41 | 77.06 | 78.75 | 89.94 | 158.15 | 182.86 | 93.46 | 72.96 | 67.81 | 74.89 | 60.63 | 53.24 | 55.42 |
| 24138 | 3.11 | 2.97 | 2.25 | 2.07 | 2.46 | 2.69 | 3.13 | 3.72 | 5.74 | 6.12 | 7.71 | 9.80 | 8.29 | 8.12 | 9.39 | 16.82 | 19.43 | 9.99 | 7.43 | 6.97 | 7.62 | 5.48 | 4.10 | 3.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 45.57 | 43.54 | 35.72 | 36.54 | 43.60 | 46.57 | 44.89 | 46.88 | 67.71 | 65.55 | 74.47 | 92.23 | 76.91 | 78.59 | 89.74 | 157.75 | 182.38 | 93.21 | 72.81 | 67.70 | 74.77 | 60.56 | 53.19 | 55.40 |
| 24260 | 3.15 | 3.02 | 2.29 | 2.11 | 2.51 | 2.73 | 3.16 | 3.72 | 5.65 | 6.03 | 7.58 | 9.62 | 8.15 | 7.96 | 9.20 | 16.42 | 18.95 | 9.74 | 7.27 | 6.85 | 7.51 | 5.41 | 4.06 | 3.46 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 45.57 | 43.54 | 35.72 | 36.54 | 43.60 | 46.57 | 44.89 | 46.88 | 67.71 | 65.55 | 74.47 | 92.23 | 76.91 | 78.59 | 89.74 | 157.75 | 182.38 | 93.21 | 72.81 | 67.70 | 74.77 | 60.56 | 53.19 | 55.40 |
| 24261 | 3.15 | 3.02 | 2.29 | 2.11 | 2.51 | 2.73 | 3.16 | 3.72 | 5.65 | 6.03 | 7.58 | 9.62 | 8.15 | 7.96 | 9.20 | 16.42 | 18.95 | 9.74 | 7.27 | 6.85 | 7.51 | 5.41 | 4.06 | 3.46 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON__FALLS | 43.59 | 41.86 | 34.39 | 35.14 | 42.23 | 45.17 | 43.59 | 45.35 | 66.26 | 64.82 | 73.57 | 91.57 | 76.24 | 78.30 | 89.19 | 156.44 | 181.01 | 92.43 | 72.89 | 67.20 | 74.09 | 59.62 | 52.15 | 54.00 |
| 24011 | 1.18 | 1.34 | 0.96 | 0.71 | 1.15 | 1.33 | 1.86 | 2.19 | 4.20 | 5.29 | 6.68 | 8.95 | 7.47 | 7.67 | 8.64 | 15.11 | 17.58 | 8.96 | 7.00 | 6.35 | 6.82 | 4.46 | 3.02 | 2.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK RESOURCE__RCVRY | 44.04 | 42.40 | 34.87 | 35.61 | 42.84 | 45.78 | 44.35 | 46.15 | 67.63 | 66.35 | 75.23 | 93.74 | 77.95 | 79.84 | 90.92 | 159.49 | 184.48 | 94.11 | 74.11 | 68.49 | 75.35 | 60.30 | 52.71 | 54.53 |
| 23798 | 1.62 | 1.88 | 1.44 | 1.18 | 1.75 | 1.94 | 2.62 | 3.00 | 5.57 | 6.82 | 8.34 | 11.12 | 9.19 | 9.20 | 10.37 | 18.16 | 21.05 | 10.64 | 8.24 | 7.65 | 8.08 | 5.15 | 3.57 | 2.58 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK S GLENS__FALLS | 43.59 | 41.86 | 34.39 | 35.14 | 42.23 | 45.17 | 43.59 | 45.35 | 66.26 | 64.82 | 73.57 | 91.57 | 76.24 | 78.30 | 89.19 | 156.44 | 181.01 | 92.43 | 72.89 | 67.20 | 74.09 | 59.62 | 52.15 | 54.00 |
| 24028 | 1.18 | 1.34 | 0.96 | 0.71 | 1.15 | 1.33 | 1.86 | 2.19 | 4.20 | 5.29 | 6.68 | 8.95 | 7.47 | 7.67 | 8.64 | 15.11 | 17.58 | 8.96 | 7.00 | 6.35 | 6.82 | 4.46 | 3.02 | 2.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK_NYS__DAM | 43.66 | 41.97 | 34.52 | 35.25 | 42.26 | 45.07 | 43.43 | 45.27 | 65.92 | 64.40 | 72.90 | 90.62 | 75.64 | 77.56 | 88.50 | 155.38 | 179.80 | 91.96 | 72.37 | 66.89 | 73.65 | 59.17 | 51.85 | 53.86 |
| 23527 | 1.24 | 1.45 | 1.09 | 0.82 | 1.17 | 1.23 | 1.69 | 2.11 | 3.86 | 4.87 | 6.01 | 8.00 | 6.87 | 6.93 | 7.95 | 14.05 | 16.37 | 8.48 | 6.51 | 6.04 | 6.39 | 4.01 | 2.71 | 1.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS__DRP | 42.36 | 40.65 | 33.49 | 34.28 | 41.00 | 43.71 | 41.87 | 43.58 | 63.19 | 61.39 | 69.43 | 85.90 | 71.70 | 73.49 | 83.86 | 147.18 | 170.26 | 87.18 | 68.73 | 63.43 | 69.95 | 56.58 | 49.84 | 52.00 |
| 24190 | -0.05 | 0.13 | 0.07 | -0.15 | -0.10 | -0.13 | 0.14 | 0.43 | 1.13 | 1.86 | 2.54 | 3.28 | 2.94 | 2.85 | 3.31 | 5.84 | 6.83 | 3.70 | 2.87 | 2.59 | 2.69 | 1.43 | 0.70 | 0.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__1 | 42.36 | 40.65 | 33.49 | 34.28 | 41.00 | 43.71 | 41.87 | 43.58 | 63.19 | 61.39 | 69.43 | 85.90 | 71.70 | 73.49 | 83.86 | 147.18 | 170.26 | 87.18 | 68.73 | 63.43 | 69.95 | 56.58 | 49.84 | 52.00 |
| 23571 | -0.05 | 0.13 | 0.07 | -0.15 | -0.10 | -0.13 | 0.14 | 0.43 | 1.13 | 1.86 | 2.54 | 3.28 | 2.94 | 2.85 | 3.31 | 5.84 | 6.83 | 3.70 | 2.87 | 2.59 | 2.69 | 1.43 | 0.70 | 0.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__2 | 42.36 | 40.65 | 33.49 | 34.28 | 41.00 | 43.71 | 41.87 | 43.58 | 63.19 | 61.39 | 69.43 | 85.90 | 71.70 | 73.49 | 83.86 | 147.18 | 170.26 | 87.18 | 68.73 | 63.43 | 69.95 | 56.58 | 49.84 | 52.00 |
| 23572 | -0.05 | 0.13 | 0.07 | -0.15 | -0.10 | -0.13 | 0.14 | 0.43 | 1.13 | 1.86 | 2.54 | 3.28 | 2.94 | 2.85 | 3.31 | 5.84 | 6.83 | 3.70 | 2.87 | 2.59 | 2.69 | 1.43 | 0.70 | 0.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__3 | 42.36 | 40.65 | 33.49 | 34.28 | 41.00 | 43.71 | 41.87 | 43.58 | 63.19 | 61.39 | 69.43 | 85.90 | 71.70 | 73.49 | 83.86 | 147.18 | 170.26 | 87.18 | 68.73 | 63.43 | 69.95 | 56.58 | 49.84 | 52.00 |

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|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|
| 23573 | -0.05 0.00 N | 0.13 0.00 N | 0.07 0.00 N | -0.15 0.00 N | -0.10 0.00 N | -0.13 0.00 N | 0.14 0.00 N | 0.43 0.00 N | 1.13 0.00 N | 1.86 0.00 N | 2.54 0.00 N | 3.28 0.00 N | 2.94 0.00 N | 2.85 0.00 N | 3.31 0.00 N | 5.84 0.00 N | 6.83 0.00 N | 3.70 0.00 N | 2.87 -1.53 N | 2.59 0.00 N | 2.69 0.00 N | 1.43 0.00 N | 0.70 0.00 N | 0.05 0.00 N |
| ALBANY____4 23574 | 42.36 -0.05 0.00 N | 40.65 0.13 0.00 N | 33.49 0.07 0.00 N | 34.28 -0.15 0.00 N | 41.00 -0.10 0.00 N | 43.71 -0.13 0.00 N | 41.87 0.14 0.00 N | 43.58 0.43 0.00 N | 63.19 1.13 0.00 N | 61.39 1.86 0.00 N | 69.43 2.54 0.00 N | 85.90 3.28 0.00 N | 71.70 2.94 0.00 N | 73.49 2.85 0.00 N | 83.86 3.31 0.00 N | 147.18 5.84 0.00 N | 170.26 6.83 0.00 N | 87.18 3.70 0.00 N | 68.73 2.87 -1.53 N | 63.43 2.59 0.00 N | 69.95 2.69 0.00 N | 56.58 1.43 0.00 N | 49.84 0.70 0.00 N | 52.00 0.05 0.00 N |
| ALBANY____LFGE 323615 | 42.96 0.54 0.00 N | 41.19 0.67 0.00 N | 33.92 0.50 0.00 N | 34.71 0.28 0.00 N | 41.52 0.43 0.00 N | 44.29 0.45 0.00 N | 42.48 0.74 0.00 N | 44.25 1.10 0.00 N | 64.23 2.18 0.00 N | 62.46 2.93 0.00 N | 70.72 3.83 0.00 N | 87.61 5.00 0.00 N | 73.18 4.41 0.00 N | 75.06 4.43 0.00 N | 85.66 5.11 0.00 N | 150.43 9.10 0.00 N | 174.07 10.64 0.00 N | 89.02 5.55 0.00 N | 70.10 4.21 -1.56 N | 64.67 3.83 0.00 N | 71.30 4.03 0.00 N | 57.60 2.45 0.00 N | 50.66 1.53 0.00 N | 52.80 0.86 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 42.75 0.34 0.00 N | 40.75 0.24 0.00 N | 33.71 0.29 0.00 N | 34.90 0.47 0.00 N | 41.69 0.59 0.00 N | 44.61 0.77 0.00 N | 42.18 0.44 0.00 N | 43.37 0.21 0.00 N | 61.55 -0.50 0.00 N | 58.31 -1.21 0.00 N | 64.72 -2.17 0.00 N | 79.37 -3.24 0.00 N | 65.93 -2.84 0.00 N | 68.19 -2.44 0.00 N | 77.25 -3.30 0.00 N | 135.39 -5.94 0.00 N | 156.02 -7.41 0.00 N | 79.70 -3.77 0.00 N | 61.63 -2.69 0.00 N | 58.81 -2.04 0.00 N | 64.48 -2.79 0.00 N | 53.61 -1.55 0.00 N | 48.95 -0.18 0.00 N | 52.47 0.53 0.00 N |
| ALLEGHENY____COGEN 23514 | 39.91 -2.50 0.00 N | 38.38 -2.14 0.00 N | 31.74 -1.68 0.00 N | 32.64 -1.79 0.00 N | 38.80 -2.30 0.00 N | 41.70 -2.14 0.00 N | 40.18 -1.55 0.00 N | 41.42 -1.74 0.00 N | 59.18 -2.87 0.00 N | 56.99 -2.54 0.00 N | 64.84 -2.05 0.00 N | 80.68 -1.93 0.00 N | 66.94 -1.82 0.00 N | 69.06 -1.57 0.00 N | 78.26 -2.29 0.00 N | 137.27 -4.06 0.00 N | 158.70 -4.73 0.00 N | 80.08 -3.40 0.00 N | 61.17 -3.34 -0.19 N | 57.66 -3.18 0.00 N | 64.31 -2.95 0.00 N | 52.87 -2.28 0.00 N | 47.08 -2.05 0.00 N | 51.94 0.00 0.00 N |
| ALTONA_WT_PWR 323606 | 43.09 0.68 0.00 N | 40.93 0.41 0.00 N | 33.68 0.26 0.00 N | 34.87 0.44 0.00 N | 41.79 0.70 0.00 N | 44.73 0.89 0.00 N | 42.67 0.94 0.00 N | 43.93 0.78 0.00 N | 62.36 0.31 0.00 N | 59.46 -0.06 0.00 N | 66.13 -0.76 0.00 N | 81.37 -1.25 0.00 N | 67.67 -1.10 0.00 N | 69.64 -1.00 0.00 N | 79.51 -1.03 0.00 N | 139.58 -1.75 0.00 N | 160.89 -2.54 0.00 N | 81.98 -1.49 0.00 N | 63.31 -1.02 0.00 N | 60.17 -0.67 0.00 N | 66.26 -1.01 0.00 N | 54.64 -0.51 0.00 N | 49.52 0.39 0.00 N | 53.17 1.23 0.00 N |
| AMERICAN_REF_FUEL 24010 | 40.62 -1.79 0.00 N | 38.49 -2.03 0.00 N | 31.99 -1.44 0.00 N | 32.86 -1.57 0.00 N | 38.92 -2.17 0.00 N | 41.82 -2.02 0.00 N | 40.27 -1.46 0.00 N | 41.69 -1.47 0.00 N | 58.31 -3.75 0.00 N | 55.28 -4.24 0.00 N | 62.25 -4.64 0.00 N | 76.71 -5.90 0.00 N | 63.51 -5.26 0.00 N | 65.02 -5.61 0.00 N | 73.62 -6.93 0.00 N | 128.87 -12.46 0.00 N | 149.78 -13.65 0.00 N | 75.60 -7.88 0.00 N | 57.96 -6.54 -0.17 N | 54.55 -6.30 0.00 N | 61.06 -6.20 0.00 N | 51.15 -4.01 0.00 N | 46.12 -3.01 0.00 N | 48.22 -3.72 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 47.06 3.03 -1.62 N | 48.13 2.92 -4.70 N | 38.75 2.19 -3.14 N | 36.46 2.03 0.00 N | 43.51 2.42 0.00 N | 46.51 2.66 -0.01 N | 50.02 3.08 -5.20 N | 57.51 3.60 -10.74 N | 77.16 5.28 -9.82 N | 67.11 5.61 -1.99 N | 80.50 7.10 -6.51 N | 82.23 8.91 9.29 N | 81.14 7.59 -4.79 N | 79.08 7.41 -1.04 N | 89.00 8.45 0.00 N | 156.39 15.06 0.00 N | 178.83 17.44 2.04 N | 92.56 9.08 -0.01 N | 83.30 6.86 -12.11 N | 67.38 6.53 -0.01 N | 79.04 7.12 -4.65 N | 78.02 5.14 -17.72 N | 57.28 3.91 -4.22 N | 64.31 3.42 -8.94 N |
| ARTHUR_KILL_2 23512 | 47.06 3.03 -1.62 N | 48.13 2.92 -4.70 N | 38.75 2.19 -3.14 N | 36.46 2.03 0.00 N | 43.51 2.42 0.00 N | 46.51 2.66 -0.01 N | 50.02 3.08 -5.20 N | 57.51 3.60 -10.74 N | 77.16 5.28 -9.82 N | 67.11 5.61 -1.99 N | 80.50 7.10 -6.51 N | 82.23 8.91 9.29 N | 81.14 7.59 -4.79 N | 79.08 7.41 -1.04 N | 89.00 8.45 0.00 N | 156.39 15.06 0.00 N | 178.83 17.44 2.04 N | 92.56 9.08 -0.01 N | 83.30 6.86 -12.11 N | 67.38 6.53 -0.01 N | 79.04 7.12 -4.65 N | 78.02 5.14 -17.72 N | 57.28 3.91 -4.22 N | 64.31 3.42 -8.94 N |
| ARTHUR_KILL_3 23513 | 46.28 2.87 -1.00 N | 47.35 2.78 -4.05 N | 38.64 2.08 -3.14 N | 36.31 1.89 0.00 N | 43.32 2.23 0.00 N | 46.29 2.45 0.00 N | 46.97 2.91 -2.33 N | 51.45 3.52 -4.78 N | 72.42 5.39 -4.97 N | 66.59 5.73 -1.34 N | 76.51 7.22 -2.40 N | 78.38 9.07 13.31 N | 74.96 7.70 1.51 N | 75.40 7.51 2.75 N | 89.22 8.68 0.01 N | 156.87 15.56 0.01 N | 179.02 17.95 2.36 N | 92.74 9.27 0.00 N | 72.47 6.94 -1.20 N | 67.43 6.59 0.00 N | 74.49 7.23 0.00 N | 67.42 5.26 -7.00 N | 56.11 3.91 -3.07 N | 58.28 3.27 -3.07 N |
| ASHOKAN____ 23654 | 45.22 2.81 0.00 N | 43.07 2.55 0.00 N | 35.65 2.23 0.00 N | 36.36 1.94 0.00 N | 43.31 2.22 0.00 N | 46.25 2.41 0.00 N | 44.29 2.56 0.00 N | 46.44 3.28 0.00 N | 67.87 5.82 0.00 N | 66.33 6.81 0.00 N | 75.83 8.93 0.00 N | 94.37 11.75 0.00 N | 79.09 10.32 0.00 N | 81.26 10.63 0.00 N | 92.87 12.32 0.00 N | 163.35 22.02 0.00 N | 189.21 25.78 0.00 N | 96.54 13.07 0.00 N | 75.39 9.70 -1.37 N | 69.82 8.97 0.00 N | 77.12 9.85 0.00 N | 62.10 6.95 0.00 N | 54.14 5.00 0.00 N | 56.13 4.19 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 45.43 3.01 -0.01 N | 43.42 2.90 -0.01 N | 35.62 2.19 -0.01 N | 36.45 2.02 0.00 N | 43.48 2.39 0.00 N | 46.43 2.58 0.00 N | 44.78 3.04 0.00 N | 46.86 3.61 -0.09 N | 67.34 5.28 0.00 N | 65.25 5.72 0.00 N | 74.10 7.21 0.00 N | 91.76 9.14 0.00 N | 76.55 7.78 0.00 N | 78.04 7.41 0.00 N | 89.15 8.61 0.00 N | 146.62 15.30 10.01 N | 170.70 17.68 10.41 N | 92.55 9.08 0.00 N | 72.42 6.89 -1.20 N | 67.22 6.38 0.00 N | 74.23 6.97 0.00 N | 60.20 5.05 0.00 N | 52.93 3.79 0.00 N | 55.10 3.16 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 45.45 3.03 -0.01 N | 43.43 2.91 -0.01 N | 35.63 2.20 -0.01 N | 36.46 2.03 0.00 N | 43.51 2.42 0.00 N | 46.44 2.60 0.00 N | 44.79 3.05 0.00 N | 46.88 3.63 -0.09 N | 67.36 5.30 0.00 N | 65.29 5.76 0.00 N | 74.11 7.22 0.00 N | 91.78 9.16 0.00 N | 76.57 7.81 0.00 N | 78.05 7.42 0.00 N | 89.17 8.62 0.00 N | 146.70 15.38 10.01 N | 170.76 17.74 10.41 N | 92.60 9.13 0.00 N | 72.44 6.91 -1.20 N | 67.26 6.42 0.00 N | 74.24 6.97 0.00 N | 60.21 5.06 0.00 N | 52.97 3.83 0.00 N | 55.11 3.17 0.00 N |
| ASTORIA_GT2_1 24094 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |

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| ASTORIA_GT2_2 24095 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT2_3 24096 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT2_4 24097 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT3_1 24098 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT3_2 24099 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT3_3 24100 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT3_4 24101 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT4_1 24102 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT4_2 24103 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT4_3 24104 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT4_4 24105 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT_1 23523 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N |
| ASTORIA_GT_10 24110 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N |
| ASTORIA_GT_11 24225 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_12 24226 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N | |
| ASTORIA_GT_13 24227 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N | |
| ASTORIA_GT_5 24106 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N | |
| ASTORIA_GT_7 24107 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N | |
| ASTORIA_GT_8 24108 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.39 5.33 0.00 N | 65.29 5.76 0.00 N | 74.15 7.26 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.66 0.00 N | 146.74 15.42 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.47 6.94 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N | |
| ASTORIA___2 24149 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.38 5.32 0.00 N | 65.29 5.76 0.00 N | 74.14 7.25 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.65 0.00 N | 146.71 15.39 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.46 6.93 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N | |
| ASTORIA___3 23516 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.74 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.23 0.00 N | 76.61 7.84 0.00 N | 78.21 7.58 0.00 N | 89.29 8.74 0.00 N | 156.91 15.58 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.29 6.45 0.00 N | 74.30 7.03 0.00 N | 60.18 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N | |
| ASTORIA___4 23517 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.74 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.23 0.00 N | 76.61 7.84 0.00 N | 78.21 7.58 0.00 N | 89.29 8.74 0.00 N | 156.91 15.58 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.29 6.45 0.00 N | 74.30 7.03 0.00 N | 60.18 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N | |
| ASTORIA___5 23518 | 45.46 3.04 -0.01 N | 43.44 2.91 -0.01 N | 35.64 2.21 -0.01 N | 36.47 2.04 0.00 N | 43.51 2.42 0.00 N | 46.45 2.61 0.00 N | 44.81 3.07 0.00 N | 46.89 3.64 -0.09 N | 67.38 5.32 0.00 N | 65.29 5.76 0.00 N | 74.14 7.25 0.00 N | 91.80 9.18 0.00 N | 76.61 7.84 0.00 N | 78.06 7.44 0.00 N | 89.20 8.65 0.00 N | 146.71 15.39 10.01 N | 170.81 17.78 10.41 N | 92.61 9.14 0.00 N | 72.46 6.93 -1.20 N | 67.27 6.43 0.00 N | 74.27 7.00 0.00 N | 60.23 5.07 0.00 N | 52.97 3.83 0.00 N | 55.13 3.19 0.00 N | |
| ATHENS_STG_1 23668 | 43.50 1.09 0.00 N | 41.72 1.20 0.00 N | 34.40 0.98 0.00 N | 35.24 0.82 0.00 N | 42.09 0.99 0.00 N | 44.85 1.00 0.00 N | 42.90 1.16 0.00 N | 44.63 1.47 0.00 N | 64.53 2.47 0.00 N | 62.51 2.98 0.00 N | 70.81 3.92 0.00 N | 87.58 4.96 0.00 N | 72.96 4.20 0.00 N | 74.67 4.03 0.00 N | 85.25 4.70 0.00 N | 149.71 8.39 0.00 N | 173.15 9.72 0.00 N | 88.64 5.17 0.00 N | 69.64 3.98 -1.33 N | 64.57 3.72 0.00 N | 71.28 4.01 0.00 N | 57.79 2.63 0.00 N | 50.90 1.77 0.00 N | 53.19 1.25 0.00 N | |
| ATHENS_STG_2 23670 | 43.50 1.09 0.00 N | 41.72 1.20 0.00 N | 34.40 0.98 0.00 N | 35.24 0.82 0.00 N | 42.09 0.99 0.00 N | 44.85 1.00 0.00 N | 42.90 1.16 0.00 N | 44.63 1.47 0.00 N | 64.53 2.47 0.00 N | 62.51 2.98 0.00 N | 70.81 3.92 0.00 N | 87.58 4.96 0.00 N | 72.96 4.20 0.00 N | 74.67 4.03 0.00 N | 85.25 4.70 0.00 N | 149.71 8.39 0.00 N | 173.15 9.72 0.00 N | 88.64 5.17 0.00 N | 69.64 3.98 -1.33 N | 64.57 3.72 0.00 N | 71.28 4.01 0.00 N | 57.79 2.63 0.00 N | 50.90 1.77 0.00 N | 53.19 1.25 0.00 N | |
| ATHENS_STG_3 23677 | 43.50 1.09 0.00 N | 41.72 1.20 0.00 N | 34.40 0.98 0.00 N | 35.24 0.82 0.00 N | 42.09 0.99 0.00 N | 44.85 1.00 0.00 N | 42.90 1.16 0.00 N | 44.63 1.47 0.00 N | 64.53 2.47 0.00 N | 62.51 2.98 0.00 N | 70.81 3.92 0.00 N | 87.58 4.96 0.00 N | 72.96 4.20 0.00 N | 74.67 4.03 0.00 N | 85.25 4.70 0.00 N | 149.71 8.39 0.00 N | 173.15 9.72 0.00 N | 88.64 5.17 0.00 N | 69.64 3.98 -1.33 N | 64.57 3.72 0.00 N | 71.28 4.01 0.00 N | 57.79 2.63 0.00 N | 50.90 1.77 0.00 N | 53.19 1.25 0.00 N | |
| BARRETT_IC_1 23704 | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N | |
| BARRETT_IC_10 | 46.48 | 44.06 | 36.69 | 36.69 | 43.68 | 46.65 | 45.13 | 47.18 | 148.21 | 66.22 | 125.17 | 111.94 | 76.63 | 84.99 | 89.45 | 156.92 | 181.19 | 92.62 | 72.66 | 67.58 | 74.59 | 60.58 | 115.67 | 132.72 | |

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| 23701 | | 3.49 -0.57 N | 3.36 -0.18 N | 2.60 -0.66 N | 2.26 0.00 N | 2.59 0.00 N | 2.80 0.00 N | 3.39 0.00 N | 4.02 0.00 N | 5.88 -80.28 N | 6.13 -0.56 N | 7.63 -50.66 N | 9.67 -19.65 N | 7.80 -0.07 N | 7.99 -6.38 N | 8.90 0.00 N | 15.59 0.00 N | 17.76 0.00 N | 9.15 0.00 N | 7.13 -1.20 N | 6.74 0.00 N | 7.33 0.00 N | 5.43 0.00 N | 4.20 -62.33 N | 4.00 -76.78 N |
| BARRETT_IC_11 23702 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_12 23703 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_2 23705 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_3 23706 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_4 23707 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_5 23708 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_6 23709 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_7 23710 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_8 23711 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT_IC_9 23700 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT___1 23545 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BARRETT___2 23546 | | 46.48 3.49 -0.57 N | 44.06 3.36 -0.18 N | 36.69 2.60 -0.66 N | 36.69 2.26 0.00 N | 43.68 2.59 0.00 N | 46.65 2.80 0.00 N | 45.13 3.39 0.00 N | 47.18 4.02 0.00 N | 148.21 5.88 -80.28 N | 66.22 6.13 -0.56 N | 125.17 7.63 -50.66 N | 111.94 9.67 -19.65 N | 76.63 7.80 -0.07 N | 84.99 7.99 -6.38 N | 89.45 8.90 0.00 N | 156.92 15.59 0.00 N | 181.19 17.76 0.00 N | 92.62 9.15 0.00 N | 72.66 7.13 -1.20 N | 67.58 6.74 0.00 N | 74.59 7.33 0.00 N | 60.58 5.43 0.00 N | 115.67 4.20 -62.33 N | 132.72 4.00 -76.78 N |
| BEAVER RIVER___HYD 24048 | | 43.26 0.84 0.00 N | 41.16 0.64 0.00 N | 33.97 0.55 0.00 N | 35.01 0.58 0.00 N | 41.83 0.74 0.00 N | 44.83 0.99 0.00 N | 42.77 1.04 0.00 N | 44.84 1.68 0.00 N | 64.69 2.63 0.00 N | 61.61 2.09 0.00 N | 68.35 1.46 0.00 N | 83.99 1.38 0.00 N | 69.91 1.14 0.00 N | 72.04 1.40 0.00 N | 81.57 1.02 0.00 N | 143.06 1.73 0.00 N | 165.58 2.15 0.00 N | 84.30 0.82 0.00 N | 64.92 0.59 0.00 N | 61.76 0.91 0.00 N | 68.38 1.12 0.00 N | 56.89 1.74 0.00 N | 50.63 1.50 0.00 N | 53.25 1.31 0.00 N |

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| BEEBEE_GT_13 23619 | 42.45 0.04 0.00 N | 40.12 -0.40 0.00 N | 33.08 -0.34 0.00 N | 33.95 -0.47 0.00 N | 40.41 -0.68 0.00 N | 43.42 -0.42 0.00 N | 41.90 0.16 0.00 N | 43.68 0.52 0.00 N | 62.37 0.31 0.00 N | 60.32 0.80 0.00 N | 68.64 1.75 0.00 N | 85.40 2.78 0.00 N | 71.36 2.59 0.00 N | 73.58 2.95 0.00 N | 83.33 2.78 0.00 N | 145.23 3.90 0.00 N | 168.20 4.77 0.00 N | 85.22 1.75 0.00 N | 65.28 0.82 -0.13 N | 61.33 0.49 0.00 N | 68.14 0.88 0.00 N | 56.02 0.86 0.00 N | 49.38 0.25 0.00 N | 51.36 -0.58 0.00 N |
| BETHLEHEM___GRP 23843 | 42.36 -0.05 0.00 N | 40.65 0.13 0.00 N | 33.49 0.07 0.00 N | 34.28 -0.15 0.00 N | 41.00 -0.10 0.00 N | 43.71 -0.13 0.00 N | 41.87 0.14 0.00 N | 43.58 0.43 0.00 N | 63.19 1.13 0.00 N | 61.39 1.86 0.00 N | 69.43 2.54 0.00 N | 85.90 3.28 0.00 N | 71.70 2.94 0.00 N | 73.49 2.85 0.00 N | 83.86 3.31 0.00 N | 147.18 5.84 0.00 N | 170.26 6.83 0.00 N | 87.18 3.70 0.00 N | 68.73 2.87 -1.53 N | 63.43 2.59 0.00 N | 69.95 2.69 0.00 N | 56.58 1.43 0.00 N | 49.84 0.70 0.00 N | 52.00 0.05 0.00 N |
| BETHLEHEM___GS1 323560 | 42.36 -0.05 0.00 N | 40.65 0.13 0.00 N | 33.49 0.07 0.00 N | 34.28 -0.15 0.00 N | 41.00 -0.10 0.00 N | 43.71 -0.13 0.00 N | 41.87 0.14 0.00 N | 43.58 0.43 0.00 N | 63.19 1.13 0.00 N | 61.39 1.86 0.00 N | 69.43 2.54 0.00 N | 85.90 3.28 0.00 N | 71.70 2.94 0.00 N | 73.49 2.85 0.00 N | 83.86 3.31 0.00 N | 147.18 5.84 0.00 N | 170.26 6.83 0.00 N | 87.18 3.70 0.00 N | 68.73 2.87 -1.53 N | 63.43 2.59 0.00 N | 69.95 2.69 0.00 N | 56.58 1.43 0.00 N | 49.84 0.70 0.00 N | 52.00 0.05 0.00 N |
| BETHLEHEM___GS2 323561 | 42.36 -0.05 0.00 N | 40.65 0.13 0.00 N | 33.49 0.07 0.00 N | 34.28 -0.15 0.00 N | 41.00 -0.10 0.00 N | 43.71 -0.13 0.00 N | 41.87 0.14 0.00 N | 43.58 0.43 0.00 N | 63.19 1.13 0.00 N | 61.39 1.86 0.00 N | 69.43 2.54 0.00 N | 85.90 3.28 0.00 N | 71.70 2.94 0.00 N | 73.49 2.85 0.00 N | 83.86 3.31 0.00 N | 147.18 5.84 0.00 N | 170.26 6.83 0.00 N | 87.18 3.70 0.00 N | 68.73 2.87 -1.53 N | 63.43 2.59 0.00 N | 69.95 2.69 0.00 N | 56.58 1.43 0.00 N | 49.84 0.70 0.00 N | 52.00 0.05 0.00 N |
| BETHLEHEM___GS3 323562 | 42.36 -0.05 0.00 N | 40.65 0.13 0.00 N | 33.49 0.07 0.00 N | 34.28 -0.15 0.00 N | 41.00 -0.10 0.00 N | 43.71 -0.13 0.00 N | 41.87 0.14 0.00 N | 43.58 0.43 0.00 N | 63.19 1.13 0.00 N | 61.39 1.86 0.00 N | 69.43 2.54 0.00 N | 85.90 3.28 0.00 N | 71.70 2.94 0.00 N | 73.49 2.85 0.00 N | 83.86 3.31 0.00 N | 147.18 5.84 0.00 N | 170.26 6.83 0.00 N | 87.18 3.70 0.00 N | 68.73 2.87 -1.53 N | 63.43 2.59 0.00 N | 69.95 2.69 0.00 N | 56.58 1.43 0.00 N | 49.84 0.70 0.00 N | 52.00 0.05 0.00 N |
| BETHLEHEM___STEEL 23779 | 40.50 -1.91 0.00 N | 38.39 -2.13 0.00 N | 31.88 -1.54 0.00 N | 32.80 -1.63 0.00 N | 38.85 -2.24 0.00 N | 41.66 -1.63 0.00 N | 40.11 -1.46 0.00 N | 41.69 -1.46 0.00 N | 58.64 -3.42 0.00 N | 55.81 -3.71 0.00 N | 63.05 -3.84 0.00 N | 77.96 -4.66 0.00 N | 64.49 -4.28 0.00 N | 66.25 -4.38 0.00 N | 75.02 -5.53 0.00 N | 131.61 -9.72 0.00 N | 153.30 -10.13 0.00 N | 77.26 -6.21 0.00 N | 59.06 -5.45 0.00 N | 55.72 -5.12 0.00 N | 62.27 -4.99 0.00 N | 51.87 -3.28 0.00 N | 46.45 -2.68 0.00 N | 48.40 -3.54 0.00 N |
| BETHPAGE_CC_5 323564 | 46.16 3.71 -0.05 N | 44.08 3.55 -0.01 N | 36.20 2.72 -0.05 N | 36.81 2.38 0.00 N | 43.84 2.75 0.00 N | 46.83 2.99 0.00 N | 45.34 3.61 0.00 N | 47.47 4.31 0.00 N | 148.91 6.58 -80.28 N | 67.07 6.98 -0.56 N | 126.13 8.58 -50.66 N | 113.24 10.97 -19.65 N | 77.76 8.93 -0.07 N | 86.10 9.10 -6.38 N | 90.82 10.27 0.00 N | 159.38 18.05 0.00 N | 183.43 20.00 0.00 N | 93.61 10.14 0.00 N | 73.18 7.66 -1.20 N | 67.98 7.14 0.00 N | 74.99 7.73 0.00 N | 60.98 5.82 0.00 N | 116.07 4.61 -62.33 N | 133.05 4.33 -76.78 N |
| BINGHAMTON___COGEN 23790 | 41.92 -0.49 0.00 N | 40.01 -0.51 0.00 N | 33.03 -0.39 0.00 N | 34.02 -0.41 0.00 N | 40.53 -0.56 0.00 N | 43.20 -0.64 0.00 N | 41.34 -0.39 0.00 N | 43.17 0.01 0.00 N | 62.08 0.02 0.00 N | 59.86 0.34 0.00 N | 67.86 0.97 0.00 N | 84.37 1.75 0.00 N | 70.02 1.25 0.00 N | 72.17 1.54 0.00 N | 82.01 1.47 0.00 N | 144.34 3.01 0.00 N | 168.00 4.56 0.00 N | 85.31 1.84 0.00 N | 65.64 0.93 -0.39 N | 61.94 1.10 0.00 N | 68.62 1.36 0.00 N | 55.86 0.70 0.00 N | 49.08 -0.06 0.00 N | 51.27 -0.67 0.00 N |
| BLACK RIVER___HYD 24047 | 43.86 1.45 0.00 N | 41.68 1.16 0.00 N | 34.36 0.93 0.00 N | 35.37 0.95 0.00 N | 42.24 1.15 0.00 N | 45.32 1.47 0.00 N | 43.35 1.61 0.00 N | 45.84 2.68 0.00 N | 66.71 4.65 0.00 N | 63.41 3.88 0.00 N | 70.09 3.20 0.00 N | 86.21 3.59 0.00 N | 71.83 3.06 0.00 N | 74.07 3.44 0.00 N | 83.82 3.27 0.00 N | 147.09 5.77 0.00 N | 170.38 6.95 0.00 N | 86.58 3.11 0.00 N | 66.64 2.27 -0.04 N | 63.29 2.44 0.00 N | 70.26 3.00 0.00 N | 58.51 3.36 0.00 N | 51.67 2.54 0.00 N | 54.06 2.12 0.00 N |
| BLISS_WT_PWR 323608 | 39.78 -2.64 0.00 N | 37.66 -2.86 0.00 N | 31.39 -2.03 0.00 N | 32.29 -2.13 0.00 N | 38.98 -2.11 0.00 N | 41.13 -2.72 0.00 N | 38.31 -3.42 0.00 N | 40.54 -2.61 0.00 N | 59.17 -2.89 0.00 N | 57.99 -1.53 0.00 N | 66.10 -0.79 0.00 N | 81.79 -0.83 0.00 N | 66.31 -2.46 0.00 N | 67.89 -2.74 0.00 N | 78.27 -2.28 0.00 N | 139.31 -2.02 0.00 N | 164.07 0.64 0.00 N | 83.78 0.31 0.00 N | 63.62 -0.92 -0.21 N | 60.46 -0.38 0.00 N | 66.25 -1.02 0.00 N | 53.19 -1.96 0.00 N | 47.86 -1.28 0.00 N | 50.36 -1.58 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 42.90 0.49 0.00 N | 41.15 0.63 0.00 N | 33.93 0.50 0.00 N | 34.76 0.34 0.00 N | 41.55 0.46 0.00 N | 44.28 0.44 0.00 N | 42.21 0.48 0.00 N | 43.91 0.75 0.00 N | 63.53 1.47 0.00 N | 61.55 2.02 0.00 N | 69.63 2.74 0.00 N | 86.09 3.47 0.00 N | 71.75 2.98 0.00 N | 73.47 2.84 0.00 N | 83.89 3.34 0.00 N | 147.32 5.99 0.00 N | 170.37 6.94 0.00 N | 87.18 3.70 0.00 N | 68.74 2.90 -1.51 N | 63.51 2.67 0.00 N | 70.12 2.86 0.00 N | 56.83 1.68 0.00 N | 50.09 0.95 0.00 N | 52.39 0.45 0.00 N |
| BOC_GAS_DRP 24189 | 42.76 0.35 0.00 N | 41.04 0.52 0.00 N | 33.85 0.43 0.00 N | 34.68 0.25 0.00 N | 41.44 0.34 0.00 N | 44.14 0.30 0.00 N | 42.17 0.43 0.00 N | 43.87 0.71 0.00 N | 63.47 1.41 0.00 N | 61.49 1.97 0.00 N | 69.54 2.64 0.00 N | 85.96 3.34 0.00 N | 71.65 2.88 0.00 N | 73.35 2.72 0.00 N | 83.72 3.17 0.00 N | 147.02 5.69 0.00 N | 170.06 6.62 0.00 N | 87.03 3.56 0.00 N | 68.65 2.80 -1.53 N | 63.43 2.59 0.00 N | 70.01 2.75 0.00 N | 56.77 1.61 0.00 N | 50.07 0.94 0.00 N | 52.36 0.42 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 43.66 1.24 0.00 N | 41.97 1.45 0.00 N | 34.52 1.09 0.00 N | 35.25 0.82 0.00 N | 42.26 1.17 0.00 N | 45.07 1.23 0.00 N | 43.43 1.69 0.00 N | 45.27 2.11 0.00 N | 65.92 3.86 0.00 N | 64.40 4.87 0.00 N | 72.90 6.01 0.00 N | 90.62 8.00 0.00 N | 75.64 6.87 0.00 N | 77.56 6.93 0.00 N | 88.50 7.95 0.00 N | 155.38 14.05 0.00 N | 179.80 16.37 0.00 N | 91.96 8.48 0.00 N | 72.37 6.51 -1.53 N | 66.89 6.04 0.00 N | 73.65 6.39 0.00 N | 59.17 4.01 0.00 N | 51.85 2.71 0.00 N | 53.86 1.93 0.00 N |
| BOWLINE___1 23526 | 44.86 2.44 0.00 N | 42.85 2.33 0.00 N | 35.20 1.77 0.00 N | 36.04 1.61 0.00 N | 42.97 1.88 0.00 N | 45.86 2.02 0.00 N | 44.18 2.44 0.00 N | 46.01 2.85 0.00 N | 66.48 4.42 0.00 N | 64.39 4.87 0.00 N | 73.16 6.27 0.00 N | 90.62 8.01 0.00 N | 75.55 6.78 0.00 N | 77.22 6.59 0.00 N | 88.32 7.78 0.00 N | 155.33 14.00 0.00 N | 179.73 16.30 0.00 N | 91.93 8.45 0.00 N | 71.75 6.25 -1.18 N | 66.66 5.82 0.00 N | 73.70 6.44 0.00 N | 59.73 4.57 0.00 N | 52.49 3.36 0.00 N | 54.69 2.75 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| BOWLINE___2 23595 | 44.86 2.45 0.00 N | 42.87 2.35 0.00 N | 35.20 1.77 0.00 N | 36.04 1.61 0.00 N | 42.98 1.89 0.00 N | 45.87 2.03 0.00 N | 44.19 2.45 0.00 N | 46.03 2.88 0.00 N | 66.55 4.49 0.00 N | 64.46 4.93 0.00 N | 73.23 6.33 0.00 N | 90.72 8.10 0.00 N | 75.63 6.86 0.00 N | 77.29 6.66 0.00 N | 88.38 7.83 0.00 N | 155.47 14.14 0.00 N | 179.89 16.46 0.00 N | 91.99 8.52 0.00 N | 71.80 6.30 -1.18 N | 66.72 5.88 0.00 N | 73.77 6.50 0.00 N | 59.80 4.65 0.00 N | 52.57 3.43 0.00 N | 54.76 2.82 0.00 N | |
| BROOKHAVEN___DRP 24191 | 46.64 4.21 -0.02 N | 44.47 3.95 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.67 0.00 N | 44.17 3.08 0.00 N | 47.19 3.35 0.00 N | 45.83 4.10 0.00 N | 48.17 5.02 0.00 N | 150.06 7.73 -80.28 N | 68.17 8.08 -0.56 N | 127.35 9.80 -50.66 N | 114.93 12.66 -19.65 N | 77.91 9.08 -0.07 N | 86.39 9.38 -6.38 N | 90.91 10.36 0.00 N | 159.47 18.14 0.00 N | 182.81 19.38 0.00 N | 93.19 9.72 0.00 N | 72.86 7.32 -1.20 N | 67.79 6.95 0.00 N | 74.70 7.44 0.00 N | 61.40 6.24 0.00 N | 116.92 5.46 -62.33 N | 134.00 5.28 -76.78 N | |
| BROOKLYN_NAVY_YARD 23515 | 45.49 3.08 0.00 N | 43.46 2.94 0.00 N | 35.64 2.22 0.00 N | 36.46 2.03 0.00 N | 43.48 2.39 0.00 N | 46.46 2.61 0.00 N | 44.81 3.08 0.00 N | 46.82 3.66 0.00 N | 67.64 5.58 0.00 N | 65.42 5.90 0.00 N | 74.29 7.40 0.00 N | 92.00 9.38 0.00 N | 76.74 7.97 0.00 N | 78.40 7.77 0.00 N | 89.55 9.00 0.00 N | 157.46 16.13 0.00 N | 181.98 18.55 0.00 N | 93.07 9.59 0.00 N | 72.71 7.18 -1.20 N | 67.61 6.76 0.00 N | 74.65 7.39 0.00 N | 60.49 5.34 0.00 N | 53.15 4.01 0.00 N | 55.31 3.37 0.00 N | |
| BROOKLYN___ARMY_DRP 323595 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N | |
| BROOME___LFGE 323600 | 41.92 -0.49 0.00 N | 40.01 -0.51 0.00 N | 33.03 -0.39 0.00 N | 34.02 -0.41 0.00 N | 40.53 -0.56 0.00 N | 43.20 -0.64 0.00 N | 41.34 -0.39 0.00 N | 43.17 0.01 0.00 N | 62.08 0.02 0.00 N | 59.86 0.34 0.00 N | 67.86 0.97 0.00 N | 84.37 1.75 0.00 N | 70.02 1.25 0.00 N | 72.17 1.54 0.00 N | 82.01 1.47 0.00 N | 144.34 3.01 0.00 N | 168.00 4.56 0.00 N | 85.31 1.84 0.00 N | 65.64 0.93 -0.39 N | 61.94 1.10 0.00 N | 68.62 1.36 0.00 N | 55.86 0.70 0.00 N | 49.08 -0.06 0.00 N | 51.27 -0.67 0.00 N | |
| BURROWS___LYONSDAL 23803 | 43.26 0.84 0.00 N | 41.22 0.70 0.00 N | 33.99 0.56 0.00 N | 35.00 0.57 0.00 N | 41.80 0.71 0.00 N | 44.74 0.90 0.00 N | 42.73 1.00 0.00 N | 44.63 1.47 0.00 N | 64.42 2.36 0.00 N | 61.73 2.21 0.00 N | 69.20 2.31 0.00 N | 85.47 2.86 0.00 N | 71.17 2.40 0.00 N | 73.23 2.59 0.00 N | 83.16 2.61 0.00 N | 145.95 4.63 0.00 N | 168.93 5.50 0.00 N | 86.06 2.59 0.00 N | 66.17 1.85 0.00 N | 62.75 1.91 0.00 N | 69.50 2.24 0.00 N | 57.20 2.05 0.00 N | 50.67 1.53 0.00 N | 53.21 1.27 0.00 N | |
| CAITHNESS_CC_1 323624 | 46.50 4.08 -0.02 N | 44.36 3.84 0.00 N | 36.40 2.96 -0.01 N | 37.02 2.59 0.00 N | 44.07 2.99 0.00 N | 47.09 3.25 0.00 N | 45.71 3.98 0.00 N | 48.04 4.88 0.00 N | 149.84 7.51 -80.28 N | 67.91 7.82 -0.56 N | 127.05 9.50 -50.66 N | 114.55 12.28 -19.65 N | 77.80 8.96 -0.07 N | 86.25 9.25 -6.38 N | 90.73 10.19 0.00 N | 159.15 17.82 0.00 N | 182.51 19.07 0.00 N | 93.06 9.59 0.00 N | 72.79 7.26 -1.20 N | 67.72 6.88 0.00 N | 74.63 7.36 0.00 N | 61.26 6.11 0.00 N | 116.74 5.27 -62.33 N | 133.79 5.07 -76.78 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 46.25 3.78 -0.06 N | 44.16 3.63 -0.02 N | 36.28 2.79 -0.06 N | 36.88 2.46 0.00 N | 43.92 2.84 0.00 N | 46.92 3.08 0.00 N | 45.43 3.69 0.00 N | 47.52 4.36 0.00 N | 148.93 6.60 -80.28 N | 67.10 7.01 -0.56 N | 126.17 8.62 -50.66 N | 113.34 11.07 -19.65 N | 77.87 9.03 -0.07 N | 86.20 9.19 -6.38 N | 90.95 10.40 0.00 N | 159.60 18.27 0.00 N | 183.74 20.31 0.00 N | 93.75 10.28 0.00 N | 73.27 7.75 -1.20 N | 68.07 7.23 0.00 N | 75.10 7.83 0.00 N | 61.02 5.87 0.00 N | 116.11 4.64 -62.33 N | 133.13 4.41 -76.78 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 46.25 3.78 -0.06 N | 44.16 3.63 -0.02 N | 36.28 2.79 -0.06 N | 36.88 2.46 0.00 N | 43.92 2.84 0.00 N | 46.92 3.08 0.00 N | 45.43 3.69 0.00 N | 47.52 4.36 0.00 N | 148.93 6.60 -80.28 N | 67.10 7.01 -0.56 N | 126.17 8.62 -50.66 N | 113.34 11.07 -19.65 N | 77.87 9.03 -0.07 N | 86.20 9.19 -6.38 N | 90.95 10.40 0.00 N | 159.60 18.27 0.00 N | 183.74 20.31 0.00 N | 93.75 10.28 0.00 N | 73.27 7.75 -1.20 N | 68.07 7.23 0.00 N | 75.10 7.83 0.00 N | 61.02 5.87 0.00 N | 116.11 4.64 -62.33 N | 133.13 4.41 -76.78 N | |
| CALPINE_BP_GT1 23823 | 46.25 3.78 -0.06 N | 44.16 3.63 -0.02 N | 36.28 2.79 -0.06 N | 36.88 2.46 0.00 N | 43.92 2.84 0.00 N | 46.92 3.08 0.00 N | 45.43 3.69 0.00 N | 47.52 4.36 0.00 N | 148.93 6.60 -80.28 N | 67.10 7.01 -0.56 N | 126.17 8.62 -50.66 N | 113.34 11.07 -19.65 N | 77.87 9.03 -0.07 N | 86.20 9.19 -6.38 N | 90.95 10.40 0.00 N | 159.60 18.27 0.00 N | 183.74 20.31 0.00 N | 93.75 10.28 0.00 N | 73.27 7.75 -1.20 N | 68.07 7.23 0.00 N | 75.10 7.83 0.00 N | 61.02 5.87 0.00 N | 116.11 4.64 -62.33 N | 133.13 4.41 -76.78 N | |
| CALSPAN___DRP 24200 | 40.50 -1.91 0.00 N | 38.39 -2.13 0.00 N | 31.88 -1.54 0.00 N | 32.80 -1.63 0.00 N | 38.85 -2.24 0.00 N | 41.66 -2.18 0.00 N | 40.11 -1.63 0.00 N | 41.69 -1.46 0.00 N | 58.64 -3.42 0.00 N | 55.81 -3.71 0.00 N | 63.05 -3.84 0.00 N | 77.96 -4.66 0.00 N | 64.49 -4.28 0.00 N | 66.25 -4.38 0.00 N | 75.02 -5.53 0.00 N | 131.61 -9.72 0.00 N | 153.30 -10.13 0.00 N | 77.26 -6.21 0.00 N | 59.06 -5.45 -0.19 N | 55.72 -5.12 0.00 N | 62.27 -4.99 0.00 N | 51.87 -3.28 0.00 N | 46.45 -2.68 0.00 N | 48.40 -3.54 0.00 N | |
| CANDIGU_WT_PWR 323617 | 40.84 -1.58 0.00 N | 38.78 -1.74 0.00 N | 32.16 -1.27 0.00 N | 33.21 -1.22 0.00 N | 39.43 -1.66 0.00 N | 42.15 -1.69 0.00 N | 40.59 -1.14 0.00 N | 42.54 -0.62 0.00 N | 60.62 -1.44 0.00 N | 58.35 -1.17 0.00 N | 66.38 -0.51 0.00 N | 82.86 0.24 0.00 N | 68.34 -0.43 0.00 N | 70.66 0.03 0.00 N | 79.97 -0.58 0.00 N | 141.13 -0.20 0.00 N | 165.34 1.90 0.00 N | 83.22 -0.26 0.00 N | 63.37 -1.19 -0.24 N | 60.15 -0.69 0.00 N | 66.85 -0.42 0.00 N | 54.64 -0.51 0.00 N | 47.93 -1.21 0.00 N | 49.79 -2.15 0.00 N | |
| CARR STREET_E_SYR 24060 | 41.90 -0.51 0.00 N | 39.93 -0.59 0.00 N | 32.93 -0.49 0.00 N | 33.85 -0.58 0.00 N | 40.36 -0.73 0.00 N | 43.06 -0.78 0.00 N | 41.14 -0.59 0.00 N | 42.73 -0.43 0.00 N | 61.52 -0.54 0.00 N | 59.27 -0.26 0.00 N | 67.01 0.12 0.00 N | 82.71 0.09 0.00 N | 68.75 -0.02 0.00 N | 70.66 0.03 0.00 N | 80.52 -0.03 0.00 N | 141.30 -0.03 0.00 N | 163.72 0.29 0.00 N | 83.33 -0.14 0.00 N | 64.08 -0.34 -0.10 N | 60.43 -0.41 0.00 N | 67.19 -0.08 0.00 N | 55.19 0.04 0.00 N | 48.77 -0.36 0.00 N | 51.29 -0.66 0.00 N | |
| CARTHAGE___PAPER | 43.67 | 41.52 | 34.24 | 35.27 | 42.13 | 45.18 | 43.16 | 45.49 | 65.98 | 62.71 | 68.95 | 84.47 | 70.41 | 72.62 | 82.13 | 144.11 | 166.83 | 84.87 | 65.37 | 62.11 | 68.94 | 57.92 | 51.31 | 53.80 | |

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| 23857 | 1.25 0.00 N | 1.00 0.00 N | 0.81 0.00 N | 0.84 0.00 N | 1.03 0.00 N | 1.34 0.00 N | 1.43 0.00 N | 2.33 0.00 N | 3.93 0.00 N | 3.19 0.00 N | 2.06 0.00 N | 1.85 0.00 N | 1.65 0.00 N | 1.98 0.00 N | 1.58 0.00 N | 2.79 0.00 N | 3.40 0.00 N | 1.40 0.00 N | 1.01 -0.04 N | 1.27 0.00 N | 1.68 0.00 N | 2.76 0.00 N | 2.17 0.00 N | 1.85 0.00 N |
| CE_DUNWOOD___DRP 24194 | 45.18 2.76 0.00 N | 43.16 2.64 0.00 N | 35.44 2.01 0.00 N | 36.26 1.83 0.00 N | 43.25 2.16 0.00 N | 46.18 2.34 0.00 N | 44.49 2.76 0.00 N | 46.42 3.27 0.00 N | 67.12 5.07 0.00 N | 65.01 5.48 0.00 N | 73.87 6.99 0.00 N | 91.53 8.92 0.00 N | 76.32 7.55 0.00 N | 78.04 7.40 0.00 N | 89.16 8.61 0.00 N | 156.75 15.42 0.00 N | 181.26 17.83 0.00 N | 92.67 9.20 0.00 N | 72.38 6.85 -1.20 N | 67.26 6.42 0.00 N | 74.30 7.04 0.00 N | 60.17 5.02 0.00 N | 52.87 3.73 0.00 N | 55.07 3.13 0.00 N |
| CE_MILLWOOD___DRP 24193 | 45.03 2.62 0.00 N | 43.03 2.51 0.00 N | 35.32 1.89 0.00 N | 36.15 1.73 0.00 N | 43.14 2.04 0.00 N | 46.05 2.21 0.00 N | 44.36 2.62 0.00 N | 46.27 3.12 0.00 N | 66.90 4.85 0.00 N | 64.81 5.28 0.00 N | 73.61 6.72 0.00 N | 91.23 8.61 0.00 N | 76.05 7.28 0.00 N | 77.77 7.14 0.00 N | 88.87 8.32 0.00 N | 156.24 14.91 0.00 N | 180.70 17.27 0.00 N | 92.40 8.93 0.00 N | 72.16 6.64 -1.20 N | 67.06 6.22 0.00 N | 74.07 6.81 0.00 N | 60.00 4.84 0.00 N | 52.72 3.58 0.00 N | 54.91 2.97 0.00 N |
| CE_NYC2_DRP 24202 | 45.64 3.23 -0.01 N | 43.61 3.09 -0.01 N | 35.79 2.35 -0.01 N | 36.61 2.17 0.00 N | 43.65 2.56 0.00 N | 46.63 2.79 0.00 N | 44.96 3.22 0.00 N | 47.01 3.77 -0.09 N | 67.60 5.55 0.00 N | 65.38 5.86 0.00 N | 74.30 7.41 0.00 N | 91.98 9.36 0.00 N | 76.70 7.93 0.00 N | 78.33 7.70 0.00 N | 89.42 8.87 0.00 N | 157.15 15.82 0.00 N | 181.65 18.21 0.00 N | 92.87 9.40 0.00 N | 72.57 7.05 -1.20 N | 67.40 6.56 0.00 N | 74.41 7.15 0.00 N | 60.28 5.13 0.00 N | 53.04 3.90 0.00 N | 55.29 3.34 0.00 N |
| CE_NYC_DRP 24195 | 45.56 3.14 0.00 N | 43.52 3.00 0.00 N | 35.69 2.27 0.00 N | 36.52 2.09 0.00 N | 43.58 2.49 0.00 N | 46.57 2.73 0.00 N | 44.89 3.15 0.00 N | 46.90 3.74 0.00 N | 67.81 5.76 0.00 N | 65.67 6.14 0.00 N | 74.62 7.73 0.00 N | 92.41 9.80 0.00 N | 77.06 8.29 0.00 N | 78.74 8.11 0.00 N | 89.93 9.38 0.00 N | 158.13 16.80 0.00 N | 182.82 19.39 0.00 N | 93.45 9.98 0.00 N | 72.96 7.43 -1.20 N | 67.84 7.00 0.00 N | 74.90 7.64 0.00 N | 60.66 5.51 0.00 N | 53.24 4.11 0.00 N | 55.42 3.48 0.00 N |
| CHAFFEE___LFGE 323603 | 41.15 -1.27 0.00 N | 38.92 -1.59 0.00 N | 32.27 -1.15 0.00 N | 33.22 -1.20 0.00 N | 39.43 -1.66 0.00 N | 42.16 -1.68 0.00 N | 40.39 -1.35 0.00 N | 42.15 -1.01 0.00 N | 59.73 -2.33 0.00 N | 57.18 -2.35 0.00 N | 64.83 -2.06 0.00 N | 80.31 -2.30 0.00 N | 66.38 -2.39 0.00 N | 68.33 -2.31 0.00 N | 77.44 -3.11 0.00 N | 136.18 -5.15 0.00 N | 158.77 -4.66 0.00 N | 80.21 -3.26 0.00 N | 61.12 -3.40 -0.19 N | 57.75 -3.09 0.00 N | 64.45 -2.82 0.00 N | 53.38 -1.77 0.00 N | 47.84 -1.30 0.00 N | 49.71 -2.23 0.00 N |
| CHATEAUG_WT_PWR 323614 | 42.71 0.30 0.00 N | 40.59 0.07 0.00 N | 33.39 -0.04 0.00 N | 34.57 0.14 0.00 N | 41.45 0.36 0.00 N | 44.39 0.55 0.00 N | 42.35 0.62 0.00 N | 43.60 0.44 0.00 N | 62.01 -0.05 0.00 N | 59.07 -0.46 0.00 N | 65.71 -1.18 0.00 N | 80.86 -1.75 0.00 N | 67.22 -1.55 0.00 N | 69.25 -1.38 0.00 N | 79.00 -1.55 0.00 N | 138.63 -2.70 0.00 N | 159.79 -3.64 0.00 N | 81.44 -2.03 0.00 N | 62.93 -1.40 0.00 N | 59.77 -1.07 0.00 N | 65.83 -1.44 0.00 N | 54.28 -0.87 0.00 N | 49.12 -0.01 0.00 N | 52.76 0.82 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 42.53 0.12 0.00 N | 40.42 -0.09 0.00 N | 33.27 -0.15 0.00 N | 34.46 0.03 0.00 N | 41.26 0.17 0.00 N | 44.19 0.35 0.00 N | 42.10 0.37 0.00 N | 43.28 0.13 0.00 N | 61.58 -0.48 0.00 N | 58.58 -0.95 0.00 N | 65.10 -1.79 0.00 N | 80.06 -2.55 0.00 N | 66.59 -2.18 0.00 N | 68.62 -2.01 0.00 N | 78.28 -2.27 0.00 N | 137.25 -4.08 0.00 N | 158.16 -5.27 0.00 N | 80.69 -2.78 0.00 N | 62.39 -1.94 0.00 N | 59.23 -1.62 0.00 N | 65.24 -2.03 0.00 N | 53.94 -1.22 0.00 N | 48.86 -0.28 0.00 N | 52.47 0.53 0.00 N |
| CHAUTAUQUA___LFGE 323629 | 39.03 -3.39 0.00 N | 37.07 -3.45 0.00 N | 30.82 -2.60 0.00 N | 31.91 -2.52 0.00 N | 37.83 -3.26 0.00 N | 40.30 -3.55 0.00 N | 38.66 -3.07 0.00 N | 40.52 -2.64 0.00 N | 57.48 -4.57 0.00 N | 54.83 -4.70 0.00 N | 62.19 -4.70 0.00 N | 77.25 -5.36 0.00 N | 63.67 -5.10 0.00 N | 65.76 -4.87 0.00 N | 74.33 -6.22 0.00 N | 131.08 -10.25 0.00 N | 153.51 -9.92 0.00 N | 77.15 -6.32 0.00 N | 58.57 -5.97 -0.21 N | 55.70 -5.15 0.00 N | 62.19 -5.07 0.00 N | 51.43 -3.72 0.00 N | 45.54 -3.59 0.00 N | 47.31 -4.63 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 44.81 2.40 0.00 N | 42.82 2.30 0.00 N | 35.23 1.81 0.00 N | 36.06 1.63 0.00 N | 43.04 1.95 0.00 N | 45.90 2.06 0.00 N | 44.14 2.41 0.00 N | 45.97 2.81 0.00 N | 66.44 4.38 0.00 N | 64.43 4.90 0.00 N | 73.20 6.30 0.00 N | 90.74 8.12 0.00 N | 75.67 6.90 0.00 N | 77.45 6.82 0.00 N | 88.49 7.94 0.00 N | 155.54 14.22 0.00 N | 179.83 16.40 0.00 N | 92.02 8.55 0.00 N | 71.99 6.40 -1.27 N | 66.82 5.97 0.00 N | 73.77 6.51 0.00 N | 59.70 4.55 0.00 N | 52.44 3.31 0.00 N | 54.65 2.71 0.00 N |
| CH_MISC_IPPS 23765 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| CH_RES_BVR_FALLS 23983 | 42.18 -0.24 0.00 N | 40.18 -0.34 0.00 N | 33.12 -0.31 0.00 N | 34.12 -0.30 0.00 N | 40.78 -0.31 0.00 N | 43.56 -0.28 0.00 N | 41.43 -0.31 0.00 N | 42.70 -0.45 0.00 N | 61.43 -0.63 0.00 N | 58.86 -0.66 0.00 N | 66.01 -0.88 0.00 N | 81.48 -1.13 0.00 N | 67.86 -0.90 0.00 N | 69.71 -0.92 0.00 N | 79.61 -0.94 0.00 N | 139.50 -1.83 0.00 N | 161.16 -2.27 0.00 N | 82.38 -1.09 0.00 N | 63.61 -0.65 0.06 N | 60.23 -0.61 0.00 N | 66.39 -0.88 0.00 N | 54.53 -0.62 0.00 N | 48.81 -0.32 0.00 N | 51.79 -0.15 0.00 N |
| CH_RES_NIAGARA 23895 | 40.64 -1.78 0.00 N | 38.52 -2.00 0.00 N | 32.02 -1.40 0.00 N | 32.89 -1.54 0.00 N | 38.94 -2.15 0.00 N | 41.85 -1.99 0.00 N | 40.30 -1.44 0.00 N | 41.67 -1.49 0.00 N | 58.22 -3.84 0.00 N | 55.13 -4.40 0.00 N | 62.01 -4.88 0.00 N | 76.30 -6.31 0.00 N | 63.17 -5.60 0.00 N | 64.62 -6.01 0.00 N | 73.18 -7.37 0.00 N | 128.02 -13.31 0.00 N | 148.71 -14.72 0.00 N | 75.08 -8.39 0.00 N | 57.61 -6.89 -0.17 N | 54.22 -6.62 0.00 N | 60.70 -6.56 0.00 N | 50.96 -4.20 0.00 N | 46.06 -3.07 0.00 N | 48.19 -3.75 0.00 N |
| CH_RES_SYRACUSE 23985 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 -0.11 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N |

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| CLINTON_WT_PWR 323605 | 42.71 0.30 0.00 N | 40.59 0.07 0.00 N | 33.39 -0.04 0.00 N | 34.57 0.14 0.00 N | 41.45 0.36 0.00 N | 44.39 0.55 0.00 N | 42.35 0.62 0.00 N | 43.60 0.44 0.00 N | 62.01 -0.05 0.00 N | 59.07 -0.46 0.00 N | 65.71 -1.18 0.00 N | 80.86 -1.75 0.00 N | 67.22 -1.55 0.00 N | 69.25 -1.38 0.00 N | 79.00 -1.55 0.00 N | 138.63 -2.70 0.00 N | 159.79 -3.64 0.00 N | 81.44 -2.03 0.00 N | 62.93 -1.40 0.00 N | 59.77 -1.07 0.00 N | 65.83 -1.44 0.00 N | 54.28 -0.87 0.00 N | 49.12 -0.01 0.00 N | 52.76 0.82 0.00 N |
| CLINTON___LFGE 323618 | 43.46 1.05 0.00 N | 41.28 0.76 0.00 N | 33.95 0.53 0.00 N | 35.13 0.70 0.00 N | 42.11 1.03 0.00 N | 45.08 1.24 0.00 N | 43.05 1.32 0.00 N | 44.36 1.20 0.00 N | 62.93 0.88 0.00 N | 60.05 0.52 0.00 N | 66.80 -0.10 0.00 N | 82.23 -0.38 0.00 N | 68.38 -0.39 0.00 N | 70.38 -0.25 0.00 N | 80.39 -0.15 0.00 N | 141.21 -0.12 0.00 N | 162.70 -0.73 0.00 N | 82.89 -0.58 0.00 N | 64.00 -0.32 0.00 N | 60.84 0.00 0.00 N | 67.04 -0.22 0.00 N | 55.24 0.08 0.00 N | 50.05 0.91 0.00 N | 53.70 1.76 0.00 N |
| COLONIE_LFGE___ 323577 | 43.46 1.04 0.00 N | 41.69 1.17 0.00 N | 34.30 0.88 0.00 N | 35.07 0.65 0.00 N | 42.02 0.93 0.00 N | 44.84 1.00 0.00 N | 43.12 1.39 0.00 N | 44.95 1.79 0.00 N | 65.37 3.31 0.00 N | 63.68 4.16 0.00 N | 72.17 5.28 0.00 N | 89.59 6.97 0.00 N | 74.81 6.04 0.00 N | 76.76 6.13 0.00 N | 87.59 7.04 0.00 N | 153.78 12.44 0.00 N | 177.95 14.52 0.00 N | 91.00 7.53 0.00 N | 71.64 5.77 -1.54 N | 66.13 5.29 0.00 N | 72.88 5.62 0.00 N | 58.69 3.54 0.00 N | 51.48 2.35 0.00 N | 53.53 1.59 0.00 N |
| CORNELL____ 23752 | 41.43 -0.98 0.00 N | 39.49 -1.03 0.00 N | 32.66 -0.77 0.00 N | 33.57 -0.86 0.00 N | 39.94 -1.15 0.00 N | 42.67 -1.17 0.00 N | 40.87 -0.86 0.00 N | 42.56 -0.60 0.00 N | 61.32 -0.74 0.00 N | 59.11 -0.41 0.00 N | 66.91 0.02 0.00 N | 83.09 0.48 0.00 N | 69.10 0.33 0.00 N | 71.19 0.56 0.00 N | 81.00 0.45 0.00 N | 142.29 0.96 0.00 N | 165.22 1.79 0.00 N | 83.91 0.44 0.00 N | 64.48 -0.07 -0.23 N | 60.81 -0.04 0.00 N | 68.01 0.74 0.00 N | 56.03 0.87 0.00 N | 49.23 0.10 0.00 N | 51.52 -0.42 0.00 N |
| COXSACKIE___GT 23611 | 44.71 2.30 0.00 N | 42.70 2.18 0.00 N | 35.37 1.95 0.00 N | 36.12 1.69 0.00 N | 43.06 1.97 0.00 N | 45.96 2.11 0.00 N | 43.94 2.20 0.00 N | 45.89 2.73 0.00 N | 66.84 4.78 0.00 N | 65.06 5.54 0.00 N | 74.06 7.16 0.00 N | 91.94 9.32 0.00 N | 76.86 8.09 0.00 N | 78.88 8.25 0.00 N | 90.06 9.51 0.00 N | 158.28 16.96 0.00 N | 183.16 19.72 0.00 N | 93.57 10.10 0.00 N | 73.24 7.55 -1.37 N | 67.84 7.00 0.00 N | 74.94 7.67 0.00 N | 60.48 5.33 0.00 N | 52.96 3.82 0.00 N | 55.17 3.23 0.00 N |
| CRESCENT___HYD 24018 | 43.46 1.04 0.00 N | 41.69 1.17 0.00 N | 34.30 0.88 0.00 N | 35.07 0.65 0.00 N | 42.02 0.93 0.00 N | 44.84 1.00 0.00 N | 43.12 1.39 0.00 N | 44.95 1.79 0.00 N | 65.37 3.31 0.00 N | 63.68 4.16 0.00 N | 72.17 5.28 0.00 N | 89.59 6.97 0.00 N | 74.81 6.04 0.00 N | 76.76 6.13 0.00 N | 87.59 7.04 0.00 N | 153.78 12.44 0.00 N | 177.95 14.52 0.00 N | 91.00 7.53 0.00 N | 71.64 5.77 -1.54 N | 66.13 5.29 0.00 N | 72.88 5.62 0.00 N | 58.69 3.54 0.00 N | 51.48 2.35 0.00 N | 53.53 1.59 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 -0.11 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N |
| DANC___LFGE 323619 | 43.86 1.45 0.00 N | 41.68 1.16 0.00 N | 34.36 0.93 0.00 N | 35.37 0.95 0.00 N | 42.24 1.15 0.00 N | 45.32 1.47 0.00 N | 43.35 1.61 0.00 N | 45.84 2.68 0.00 N | 66.71 4.65 0.00 N | 63.41 3.88 0.00 N | 70.09 3.20 0.00 N | 86.21 3.59 0.00 N | 71.83 3.06 0.00 N | 74.07 3.44 0.00 N | 83.82 3.27 0.00 N | 147.09 5.77 0.00 N | 170.38 6.95 0.00 N | 86.58 3.11 0.00 N | 66.64 2.27 -0.04 N | 63.29 2.44 0.00 N | 70.26 3.00 0.00 N | 58.51 3.36 0.00 N | 51.67 2.54 0.00 N | 54.06 2.12 0.00 N |
| DANSKAMMER___1 23586 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| DANSKAMMER___2 23589 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| DANSKAMMER___3 23590 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| DANSKAMMER___4 23591 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| DANSKAMMER___DIESEL 23592 | 44.84 2.42 0.00 N | 42.78 2.26 0.00 N | 35.23 1.81 0.00 N | 36.08 1.66 0.00 N | 43.08 1.99 0.00 N | 45.86 2.02 0.00 N | 44.18 2.45 0.00 N | 45.86 2.70 0.00 N | 66.02 3.97 0.00 N | 63.99 4.46 0.00 N | 72.74 5.84 0.00 N | 90.21 7.59 0.00 N | 75.28 6.50 0.00 N | 77.05 6.41 0.00 N | 88.04 7.49 0.00 N | 154.76 13.43 0.00 N | 178.91 15.48 0.00 N | 91.51 8.04 0.00 N | 71.56 6.01 -1.22 N | 66.42 5.57 0.00 N | 73.33 6.06 0.00 N | 59.36 4.20 0.00 N | 52.16 3.03 0.00 N | 54.31 2.37 0.00 N |
| DASHVILLE___HYD 23610 | 43.76 1.35 0.00 N | 41.79 1.27 0.00 N | 34.36 0.94 0.00 N | 35.17 0.74 0.00 N | 41.92 0.84 0.00 N | 44.65 0.81 0.00 N | 42.89 1.16 0.00 N | 44.63 1.47 0.00 N | 64.44 2.39 0.00 N | 62.74 3.22 0.00 N | 71.46 4.56 0.00 N | 88.64 6.03 0.00 N | 74.00 5.23 0.00 N | 75.79 5.15 0.00 N | 86.65 6.10 0.00 N | 152.19 10.86 0.00 N | 175.94 12.51 0.00 N | 90.19 6.71 0.00 N | 70.55 5.00 -1.22 N | 65.46 4.62 0.00 N | 72.23 4.96 0.00 N | 58.53 3.37 0.00 N | 51.45 2.32 0.00 N | 53.59 1.65 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| DELAWARE___LFGE 323621 | 43.35 0.93 0.00 N | 41.51 0.99 0.00 N | 34.28 0.85 0.00 N | 35.23 0.80 0.00 N | 42.04 0.95 0.00 N | 44.82 0.97 0.00 N | 42.73 0.99 0.00 N | 44.46 1.31 0.00 N | 64.14 2.08 0.00 N | 61.88 2.35 0.00 N | 70.03 3.14 0.00 N | 86.64 4.02 0.00 N | 72.03 3.26 0.00 N | 73.84 3.21 0.00 N | 84.16 3.61 0.00 N | 147.86 6.53 0.00 N | 171.29 7.86 0.00 N | 87.50 4.03 0.00 N | 67.89 3.05 -0.51 N | 63.76 2.92 0.00 N | 70.56 3.29 0.00 N | 57.44 2.29 0.00 N | 50.66 1.53 0.00 N | 53.06 1.12 0.00 N | |
| DOGGLEVILLE___HYD 23807 | 43.86 1.44 0.00 N | 42.06 1.54 0.00 N | 34.67 1.25 0.00 N | 35.47 1.05 0.00 N | 42.39 1.29 0.00 N | 45.24 1.40 0.00 N | 43.29 1.55 0.00 N | 45.42 2.26 0.00 N | 66.06 4.01 0.00 N | 64.25 4.73 0.00 N | 73.03 6.14 0.00 N | 90.62 8.00 0.00 N | 75.40 6.63 0.00 N | 77.60 6.97 0.00 N | 88.36 7.81 0.00 N | 155.54 14.21 0.00 N | 180.28 16.85 0.00 N | 91.95 8.48 0.00 N | 70.65 6.35 0.03 N | 67.32 6.48 0.00 N | 74.25 6.99 0.00 N | 59.75 4.60 0.00 N | 52.16 3.02 0.00 N | 54.04 2.10 0.00 N | |
| DUNKIRK___1 23563 | 38.75 -3.66 0.00 N | 36.80 -3.71 0.00 N | 30.62 -2.80 0.00 N | 31.70 -2.73 0.00 N | 37.57 -3.52 0.00 N | 40.00 -3.84 0.00 N | 38.37 -3.36 0.00 N | 40.21 -2.95 0.00 N | 56.98 -5.08 0.00 N | 54.35 -5.18 0.00 N | 61.61 -5.29 0.00 N | 76.53 -6.08 0.00 N | 63.10 -5.67 0.00 N | 65.13 -5.50 0.00 N | 73.57 -6.97 0.00 N | 129.79 -11.54 0.00 N | 152.04 -11.39 0.00 N | 76.41 -7.06 0.00 N | 58.03 -6.49 -0.21 N | 55.21 -5.63 0.00 N | 61.66 -5.60 0.00 N | 51.04 -4.11 0.00 N | 45.19 -3.94 0.00 N | 46.95 -4.99 0.00 N | |
| DUNKIRK___2 23564 | 38.75 -3.66 0.00 N | 36.80 -3.71 0.00 N | 30.62 -2.80 0.00 N | 31.70 -2.73 0.00 N | 37.57 -3.52 0.00 N | 40.00 -3.84 0.00 N | 38.37 -3.36 0.00 N | 40.21 -2.95 0.00 N | 56.98 -5.08 0.00 N | 54.35 -5.18 0.00 N | 61.61 -5.29 0.00 N | 76.53 -6.08 0.00 N | 63.10 -5.67 0.00 N | 65.13 -5.50 0.00 N | 73.57 -6.97 0.00 N | 129.79 -11.54 0.00 N | 152.04 -11.39 0.00 N | 76.41 -7.06 0.00 N | 58.03 -6.49 -0.21 N | 55.21 -5.63 0.00 N | 61.66 -5.60 0.00 N | 51.04 -4.11 0.00 N | 45.19 -3.94 0.00 N | 46.95 -4.99 0.00 N | |
| DUNKIRK___3 23565 | 39.05 -3.37 0.00 N | 37.10 -3.42 0.00 N | 30.83 -2.59 0.00 N | 31.90 -2.52 0.00 N | 37.81 -3.28 0.00 N | 40.30 -3.54 0.00 N | 38.69 -3.05 0.00 N | 40.48 -2.68 0.00 N | 57.31 -4.75 0.00 N | 54.68 -4.84 0.00 N | 61.98 -4.91 0.00 N | 77.06 -5.56 0.00 N | 63.55 -5.21 0.00 N | 65.58 -5.05 0.00 N | 74.05 -6.50 0.00 N | 130.52 -10.81 0.00 N | 152.76 -10.67 0.00 N | 76.79 -6.68 0.00 N | 58.39 -6.14 -0.21 N | 55.51 -5.33 0.00 N | 62.01 -5.25 0.00 N | 51.33 -3.83 0.00 N | 45.47 -3.66 0.00 N | 47.26 -4.68 0.00 N | |
| DUNKIRK___4 23566 | 39.05 -3.37 0.00 N | 37.10 -3.42 0.00 N | 30.83 -2.59 0.00 N | 31.90 -2.52 0.00 N | 37.81 -3.28 0.00 N | 40.30 -3.54 0.00 N | 38.69 -3.05 0.00 N | 40.48 -2.68 0.00 N | 57.31 -4.75 0.00 N | 54.68 -4.84 0.00 N | 61.98 -4.91 0.00 N | 77.06 -5.56 0.00 N | 63.55 -5.21 0.00 N | 65.58 -5.05 0.00 N | 74.05 -6.50 0.00 N | 130.52 -10.81 0.00 N | 152.76 -10.67 0.00 N | 76.79 -6.68 0.00 N | 58.39 -6.14 -0.21 N | 55.51 -5.33 0.00 N | 62.01 -5.25 0.00 N | 51.33 -3.83 0.00 N | 45.47 -3.66 0.00 N | 47.26 -4.68 0.00 N | |
| EAST HAMPTON___GT 23717 | 50.91 8.48 -0.02 N | 48.25 7.73 0.00 N | 39.48 6.04 -0.01 N | 40.16 5.73 0.00 N | 47.81 6.72 0.00 N | 51.28 7.44 0.00 N | 50.00 8.27 0.00 N | 52.81 9.65 0.00 N | 157.31 14.98 -80.28 N | 75.55 15.46 -0.56 N | 135.53 17.98 -50.66 N | 125.29 23.02 -19.65 N | 86.62 17.79 -0.07 N | 95.49 18.49 -6.38 N | 101.73 21.18 0.00 N | 178.14 36.81 0.00 N | 204.42 40.99 0.00 N | 103.31 19.84 0.00 N | 79.88 14.35 -1.20 N | 74.43 13.59 0.00 N | 82.31 15.04 0.00 N | 67.16 12.00 0.00 N | 122.37 10.91 -62.33 N | 139.87 11.14 -76.78 N | |
| EAST RIVER___6 23660 | 45.51 3.09 0.00 N | 43.49 2.97 0.00 N | 35.67 2.25 0.00 N | 36.49 2.07 0.00 N | 43.55 2.45 0.00 N | 46.56 2.72 0.00 N | 44.85 3.12 0.00 N | 46.88 3.72 0.00 N | 67.74 5.69 0.00 N | 65.62 6.09 0.00 N | 74.54 7.64 0.00 N | 92.29 9.67 0.00 N | 76.95 8.18 0.00 N | 78.65 8.01 0.00 N | 89.77 9.22 0.00 N | 157.84 16.51 0.00 N | 182.44 19.01 0.00 N | 93.27 9.80 0.00 N | 72.86 7.33 -1.20 N | 67.79 6.95 0.00 N | 74.84 7.57 0.00 N | 60.61 5.45 0.00 N | 53.17 4.03 0.00 N | 55.30 3.36 0.00 N | |
| EAST RIVER___7 23524 | 45.51 3.09 0.00 N | 43.49 2.97 0.00 N | 35.67 2.25 0.00 N | 36.49 2.07 0.00 N | 43.55 2.45 0.00 N | 46.56 2.72 0.00 N | 44.85 3.12 0.00 N | 46.88 3.72 0.00 N | 67.74 5.69 0.00 N | 65.62 6.09 0.00 N | 74.54 7.64 0.00 N | 92.29 9.67 0.00 N | 76.95 8.18 0.00 N | 78.65 8.01 0.00 N | 89.77 9.22 0.00 N | 157.84 16.51 0.00 N | 182.44 19.01 0.00 N | 93.27 9.80 0.00 N | 72.86 7.33 -1.20 N | 67.79 6.95 0.00 N | 74.84 7.57 0.00 N | 60.61 5.45 0.00 N | 53.17 4.03 0.00 N | 55.30 3.36 0.00 N | |
| EAST_HAMPTON___DIESEL 23722 | 50.91 8.48 -0.02 N | 48.25 7.73 0.00 N | 39.48 6.04 -0.01 N | 40.16 5.73 0.00 N | 47.81 6.72 0.00 N | 51.28 7.44 0.00 N | 50.00 8.27 0.00 N | 52.81 9.65 0.00 N | 157.31 14.98 -80.28 N | 75.55 15.46 -0.56 N | 135.53 17.98 -50.66 N | 125.29 23.02 -19.65 N | 86.62 17.79 -0.07 N | 95.49 18.49 -6.38 N | 101.73 21.18 0.00 N | 178.14 36.81 0.00 N | 204.42 40.99 0.00 N | 103.31 19.84 0.00 N | 79.88 14.35 -1.20 N | 74.43 13.59 0.00 N | 82.31 15.04 0.00 N | 67.16 12.00 0.00 N | 122.37 10.91 -62.33 N | 139.87 11.14 -76.78 N | |
| EAST_RIVER___1 323558 | 45.56 3.14 0.00 N | 43.52 3.00 0.00 N | 35.69 2.27 0.00 N | 36.52 2.09 0.00 N | 43.58 2.49 0.00 N | 46.57 2.73 0.00 N | 44.89 3.15 0.00 N | 46.90 3.74 0.00 N | 67.81 5.76 0.00 N | 65.67 6.14 0.00 N | 74.62 7.73 0.00 N | 92.41 9.80 0.00 N | 77.06 8.29 0.00 N | 78.74 8.11 0.00 N | 89.93 9.38 0.00 N | 158.13 16.80 0.00 N | 182.82 19.39 0.00 N | 93.45 9.98 0.00 N | 72.96 7.43 -1.20 N | 67.84 7.00 0.00 N | 74.90 7.64 0.00 N | 60.66 5.51 0.00 N | 53.24 4.11 0.00 N | 55.42 3.48 0.00 N | |
| EAST_RIVER___2 323559 | 45.51 3.09 0.00 N | 43.49 2.97 0.00 N | 35.67 2.25 0.00 N | 36.49 2.07 0.00 N | 43.55 2.45 0.00 N | 46.56 2.72 0.00 N | 44.85 3.12 0.00 N | 46.88 3.72 0.00 N | 67.74 5.69 0.00 N | 65.62 6.09 0.00 N | 74.54 7.64 0.00 N | 92.29 9.67 0.00 N | 76.95 8.18 0.00 N | 78.65 8.01 0.00 N | 89.77 9.22 0.00 N | 157.84 16.51 0.00 N | 182.44 19.01 0.00 N | 93.27 9.80 0.00 N | 72.86 7.33 -1.20 N | 67.79 6.95 0.00 N | 74.84 7.57 0.00 N | 60.61 5.45 0.00 N | 53.17 4.03 0.00 N | 55.30 3.36 0.00 N | |
| EAST___DELAWARE_HYD 23607 | 41.41 -1.00 0.00 N | 39.44 -1.08 0.00 N | 32.35 -1.07 0.00 N | 33.05 -1.38 0.00 N | 39.41 -1.68 0.00 N | 42.08 -1.76 0.00 N | 40.54 -1.20 0.00 N | 42.37 -0.79 0.00 N | 61.73 -0.33 0.00 N | 60.11 0.58 0.00 N | 68.39 1.50 0.00 N | 84.91 2.29 0.00 N | 71.11 2.35 0.00 N | 73.01 2.38 0.00 N | 83.54 3.00 0.00 N | 146.87 5.54 0.00 N | 169.81 6.38 0.00 N | 86.74 3.26 0.00 N | 67.60 2.23 -1.05 N | 62.64 1.80 0.00 N | 69.21 1.94 0.00 N | 55.93 0.77 0.00 N | 48.91 -0.22 0.00 N | 50.82 -1.12 0.00 N | |
| ELEC_TRO_TEK | 45.76 | 43.69 | 35.94 | 36.55 | 43.55 | 46.52 | 44.94 | 47.00 | 148.29 | 66.41 | 125.32 | 112.17 | 76.95 | 85.24 | 89.90 | 157.77 | 181.87 | 92.96 | 72.74 | 67.59 | 74.60 | 60.60 | 115.64 | 132.45 | |

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| 24086 | 3.29 -0.07 N | 3.16 -0.02 N | 2.44 -0.07 N | 2.12 0.00 N | 2.46 0.00 N | 2.67 0.00 N | 3.21 0.00 N | 3.84 0.00 N | 5.96 -80.28 N | 6.32 -0.56 N | 7.77 -50.66 N | 9.91 -19.65 N | 8.11 -0.07 N | 8.23 -6.38 N | 9.35 0.00 N | 16.45 0.00 N | 18.44 0.00 N | 9.49 0.00 N | 7.21 -1.20 N | 6.75 0.00 N | 7.34 0.00 N | 5.45 0.00 N | 4.17 -62.33 N | 3.73 -76.78 N |
| ELLENBURG_WT_PWR 323604 | 42.71 0.30 0.00 N | 40.59 0.07 0.00 N | 33.39 -0.04 0.00 N | 34.57 0.14 0.00 N | 41.45 0.36 0.00 N | 44.39 0.55 0.00 N | 42.35 0.62 0.00 N | 43.60 0.44 0.00 N | 62.01 -0.05 0.00 N | 59.07 -0.46 0.00 N | 65.71 -1.18 0.00 N | 80.86 -1.75 0.00 N | 67.22 -1.55 0.00 N | 69.25 -1.38 0.00 N | 79.00 -1.55 0.00 N | 138.63 -2.70 0.00 N | 159.79 -3.64 0.00 N | 81.44 -2.03 0.00 N | 62.93 -1.40 0.00 N | 59.77 -1.07 0.00 N | 65.83 -1.44 0.00 N | 54.28 -0.87 0.00 N | 49.12 -0.01 0.00 N | 52.76 0.82 0.00 N |
| EMPIRE_CC_1 323656 | 42.65 0.24 0.00 N | 40.95 0.43 0.00 N | 33.75 0.33 0.00 N | 34.53 0.10 0.00 N | 41.32 0.23 0.00 N | 44.04 0.20 0.00 N | 42.25 0.52 0.00 N | 43.95 0.80 0.00 N | 63.75 1.70 0.00 N | 62.01 2.49 0.00 N | 70.15 3.26 0.00 N | 86.86 4.24 0.00 N | 72.51 3.74 0.00 N | 74.28 3.64 0.00 N | 84.78 4.24 0.00 N | 148.87 7.54 0.00 N | 172.18 8.75 0.00 N | 88.08 4.61 0.00 N | 69.38 3.57 -1.48 N | 64.10 3.26 0.00 N | 70.65 3.39 0.00 N | 57.04 1.88 0.00 N | 50.20 1.07 0.00 N | 52.40 0.46 0.00 N |
| EMPIRE_CC_2 323658 | 42.65 0.24 0.00 N | 40.95 0.43 0.00 N | 33.75 0.33 0.00 N | 34.53 0.10 0.00 N | 41.32 0.23 0.00 N | 44.04 0.20 0.00 N | 42.25 0.52 0.00 N | 43.95 0.80 0.00 N | 63.75 1.70 0.00 N | 62.01 2.49 0.00 N | 70.15 3.26 0.00 N | 86.86 4.24 0.00 N | 72.51 3.74 0.00 N | 74.28 3.64 0.00 N | 84.78 4.24 0.00 N | 148.87 7.54 0.00 N | 172.18 8.75 0.00 N | 88.08 4.61 0.00 N | 69.38 3.57 -1.48 N | 64.10 3.26 0.00 N | 70.65 3.39 0.00 N | 57.04 1.88 0.00 N | 50.20 1.07 0.00 N | 52.40 0.46 0.00 N |
| E_CANADA_CAP_HY 24051 | 44.10 1.69 0.00 N | 41.86 1.34 0.00 N | 34.48 1.05 0.00 N | 35.59 1.16 0.00 N | 42.45 1.36 0.00 N | 45.43 1.59 0.00 N | 43.47 1.74 0.00 N | 44.99 1.84 0.00 N | 64.88 2.82 0.00 N | 62.20 2.67 0.00 N | 70.11 3.22 0.00 N | 86.37 3.75 0.00 N | 72.07 3.30 0.00 N | 73.94 3.31 0.00 N | 84.39 3.84 0.00 N | 147.76 6.43 0.00 N | 171.26 7.83 0.00 N | 87.55 4.07 0.00 N | 69.47 3.20 -1.94 N | 63.47 2.63 0.00 N | 70.43 3.16 0.00 N | 57.96 2.81 0.00 N | 51.50 2.36 0.00 N | 54.33 2.39 0.00 N |
| E_CANADA_MHWK_HY 24050 | 43.86 1.44 0.00 N | 42.06 1.54 0.00 N | 34.67 1.25 0.00 N | 35.47 1.05 0.00 N | 42.39 1.29 0.00 N | 45.24 1.40 0.00 N | 43.29 1.55 0.00 N | 45.42 2.26 0.00 N | 66.06 4.01 0.00 N | 64.25 4.73 0.00 N | 73.03 6.14 0.00 N | 90.62 8.00 0.00 N | 75.40 6.63 0.00 N | 77.60 6.97 0.00 N | 88.36 7.81 0.00 N | 155.54 14.21 0.00 N | 180.28 16.85 0.00 N | 91.95 8.48 0.00 N | 70.65 6.35 0.03 N | 67.32 6.48 0.00 N | 74.25 6.99 0.00 N | 59.75 4.60 0.00 N | 52.16 3.02 0.00 N | 54.04 2.10 0.00 N |
| E_FISHKILL___LBMP 23776 | 44.73 2.32 0.00 N | 42.78 2.26 0.00 N | 35.15 1.73 0.00 N | 35.97 1.54 0.00 N | 42.94 1.85 0.00 N | 45.81 1.97 0.00 N | 44.08 2.35 0.00 N | 45.94 2.78 0.00 N | 66.41 4.35 0.00 N | 64.34 4.81 0.00 N | 73.04 6.15 0.00 N | 90.51 7.89 0.00 N | 75.47 6.70 0.00 N | 77.20 6.57 0.00 N | 88.18 7.63 0.00 N | 154.95 13.62 0.00 N | 179.16 15.73 0.00 N | 91.68 8.21 0.00 N | 71.69 6.14 -1.22 N | 66.59 5.74 0.00 N | 73.51 6.25 0.00 N | 59.53 4.37 0.00 N | 52.32 3.19 0.00 N | 54.57 2.63 0.00 N |
| FAR ROCKAWAY___4 23548 | 47.25 4.38 -0.46 N | 44.85 4.18 -0.15 N | 37.20 3.26 -0.53 N | 37.34 2.92 0.00 N | 44.46 3.37 0.00 N | 47.25 3.41 0.00 N | 45.79 4.06 0.00 N | 47.95 4.80 0.00 N | 149.06 6.73 -80.28 N | 66.47 6.38 -0.56 N | 125.69 8.14 -50.66 N | 112.69 10.43 -19.65 N | 77.40 8.56 -0.07 N | 85.75 8.75 -6.38 N | 90.41 9.86 0.00 N | 158.65 17.32 0.00 N | 183.11 19.68 0.00 N | 93.52 10.05 0.00 N | 73.20 7.67 -1.20 N | 68.05 7.20 0.00 N | 75.11 7.85 0.00 N | 60.95 5.80 0.00 N | 115.94 4.48 -62.33 N | 133.20 4.48 -76.78 N |
| FARRAGUT___LBMP 323566 | 45.51 3.09 0.00 N | 43.48 2.96 0.00 N | 35.66 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.50 2.66 0.00 N | 44.84 3.10 0.00 N | 46.83 3.68 0.00 N | 67.69 5.64 0.00 N | 65.53 6.01 0.00 N | 74.45 7.56 0.00 N | 92.20 9.58 0.00 N | 76.87 8.10 0.00 N | 78.57 7.94 0.00 N | 89.70 9.15 0.00 N | 157.73 16.40 0.00 N | 182.38 18.95 0.00 N | 93.21 9.74 0.00 N | 72.80 7.27 -1.20 N | 67.69 6.84 0.00 N | 74.75 7.49 0.00 N | 60.56 5.41 0.00 N | 53.17 4.04 0.00 N | 55.36 3.42 0.00 N |
| FENNER___WINDPWR 24204 | 42.48 0.07 0.00 N | 40.49 -0.03 0.00 N | 33.39 -0.03 0.00 N | 34.35 -0.08 0.00 N | 40.99 -0.11 0.00 N | 43.80 -0.04 0.00 N | 41.89 0.16 0.00 N | 43.60 0.44 0.00 N | 62.90 0.85 0.00 N | 60.63 1.11 0.00 N | 68.59 1.70 0.00 N | 85.02 2.41 0.00 N | 70.75 1.98 0.00 N | 72.76 2.13 0.00 N | 82.82 2.28 0.00 N | 145.47 4.14 0.00 N | 168.59 5.16 0.00 N | 85.80 2.33 0.00 N | 65.93 1.53 -0.07 N | 62.31 1.47 0.00 N | 69.15 1.89 0.00 N | 56.57 1.42 0.00 N | 49.89 0.75 0.00 N | 52.30 0.36 0.00 N |
| FIBERTEK___ENERGY 23856 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 -0.11 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N |
| FITZPATRICK____ 23598 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.31 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.35 -1.50 0.00 N | 40.35 -1.38 0.00 N | 41.82 -1.34 0.00 N | 60.09 -1.96 0.00 N | 57.78 -1.75 0.00 N | 65.15 -1.74 0.00 N | 80.49 -2.13 0.00 N | 67.01 -1.76 0.00 N | 68.81 -1.82 0.00 N | 78.40 -2.15 0.00 N | 137.57 -3.76 0.00 N | 159.20 -4.23 0.00 N | 81.18 -2.29 0.00 N | 62.54 -1.85 -0.07 N | 59.05 -1.79 0.00 N | 65.44 -1.83 0.00 N | 53.66 -1.50 0.00 N | 47.63 -1.51 0.00 N | 50.29 -1.64 0.00 N |
| FORT ORANGE____ 23900 | 42.94 0.53 0.00 N | 41.21 0.69 0.00 N | 33.94 0.51 0.00 N | 34.73 0.30 0.00 N | 41.53 0.44 0.00 N | 44.29 0.44 0.00 N | 42.46 0.72 0.00 N | 44.22 1.06 0.00 N | 64.11 2.06 0.00 N | 62.23 2.70 0.00 N | 70.27 3.38 0.00 N | 86.67 4.06 0.00 N | 72.36 3.59 0.00 N | 74.14 3.51 0.00 N | 84.61 4.07 0.00 N | 148.56 7.23 0.00 N | 171.87 8.44 0.00 N | 87.97 4.50 0.00 N | 69.27 3.44 -1.50 N | 63.95 3.11 0.00 N | 70.54 3.27 0.00 N | 57.02 1.86 0.00 N | 50.21 1.07 0.00 N | 52.39 0.45 0.00 N |
| FORT_DRUM_COGEN 23780 | 43.85 1.43 0.00 N | 41.66 1.14 0.00 N | 34.35 0.92 0.00 N | 35.37 0.94 0.00 N | 42.24 1.15 0.00 N | 45.31 1.47 0.00 N | 43.33 1.59 0.00 N | 45.79 2.63 0.00 N | 66.60 4.55 0.00 N | 63.33 3.80 0.00 N | 70.02 3.13 0.00 N | 86.13 3.51 0.00 N | 71.76 2.99 0.00 N | 74.00 3.37 0.00 N | 83.74 3.19 0.00 N | 146.93 5.60 0.00 N | 170.18 6.75 0.00 N | 86.48 3.01 0.00 N | 66.56 2.20 -0.04 N | 63.22 2.38 0.00 N | 70.18 2.92 0.00 N | 58.45 3.30 0.00 N | 51.63 2.49 0.00 N | 54.03 2.09 0.00 N |

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| FPL FAR_ROCK_GT1 24212 | 47.25 4.38 -0.46 N | 44.85 4.18 -0.15 N | 37.20 3.26 -0.53 N | 37.34 2.92 0.00 N | 44.46 3.37 0.00 N | 47.25 3.41 0.00 N | 45.79 4.06 0.00 N | 47.95 4.80 0.00 N | 149.06 6.73 -80.28 N | 66.47 6.38 -0.56 N | 125.69 8.14 -50.66 N | 112.69 10.43 -19.65 N | 77.40 8.56 -0.07 N | 85.75 8.75 -6.38 N | 90.41 9.86 0.00 N | 158.65 17.32 0.00 N | 183.11 19.68 0.00 N | 93.52 10.05 0.00 N | 73.20 7.67 -1.20 N | 68.05 7.20 0.00 N | 75.11 7.85 0.00 N | 60.95 5.80 0.00 N | 115.94 4.48 -62.33 N | 133.20 4.48 -76.78 N |
| FPL FAR_ROCK_GT2 23815 | 47.25 4.38 -0.46 N | 44.85 4.18 -0.15 N | 37.20 3.26 -0.53 N | 37.34 2.92 0.00 N | 44.46 3.37 0.00 N | 47.25 3.41 0.00 N | 45.79 4.06 0.00 N | 47.95 4.80 0.00 N | 149.06 6.73 -80.28 N | 66.47 6.38 -0.56 N | 125.69 8.14 -50.66 N | 112.69 10.43 -19.65 N | 77.40 8.56 -0.07 N | 85.75 8.75 -6.38 N | 90.41 9.86 0.00 N | 158.65 17.32 0.00 N | 183.11 19.68 0.00 N | 93.52 10.05 0.00 N | 73.20 7.67 -1.20 N | 68.05 7.20 0.00 N | 75.11 7.85 0.00 N | 60.95 5.80 0.00 N | 115.94 4.48 -62.33 N | 133.20 4.48 -76.78 N |
| FRANKLIN_FALL_HYD 24054 | 43.31 0.90 0.00 N | 41.14 0.62 0.00 N | 33.90 0.48 0.00 N | 35.10 0.67 0.00 N | 42.03 0.94 0.00 N | 45.00 1.15 0.00 N | 42.85 1.11 0.00 N | 44.14 0.98 0.00 N | 62.77 0.71 0.00 N | 59.66 0.14 0.00 N | 66.29 -0.60 0.00 N | 81.50 -1.12 0.00 N | 67.72 -1.05 0.00 N | 69.89 -0.74 0.00 N | 79.50 -1.05 0.00 N | 139.39 -1.94 0.00 N | 160.61 -2.83 0.00 N | 81.90 -1.57 0.00 N | 63.30 -1.03 0.00 N | 60.26 -0.58 0.00 N | 66.35 -0.91 0.00 N | 54.95 -0.20 0.00 N | 49.88 0.74 0.00 N | 53.45 1.51 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 46.49 3.96 -0.11 N | 44.29 3.74 -0.04 N | 36.44 2.89 -0.13 N | 36.97 2.55 0.00 N | 44.05 2.96 0.00 N | 47.05 3.21 0.00 N | 45.54 3.81 0.00 N | 47.66 4.51 0.00 N | 149.21 6.87 -80.28 N | 67.15 7.06 -0.56 N | 126.08 8.53 -50.66 N | 113.29 11.02 -19.65 N | 77.86 9.02 -0.07 N | 86.24 9.23 -6.38 N | 90.98 10.43 0.00 N | 159.71 18.38 0.00 N | 183.96 20.53 0.00 N | 93.91 10.44 0.00 N | 73.45 7.92 -1.20 N | 68.27 7.42 0.00 N | 75.35 8.08 0.00 N | 61.21 6.06 0.00 N | 116.35 4.88 -62.33 N | 133.35 4.63 -76.78 N |
| FULTON COGEN____ 23766 | 41.76 -0.65 0.00 N | 39.81 -0.71 0.00 N | 32.84 -0.58 0.00 N | 33.76 -0.67 0.00 N | 40.27 -0.82 0.00 N | 42.96 -0.88 0.00 N | 40.99 -0.75 0.00 N | 42.52 -0.64 0.00 N | 61.19 -0.87 0.00 N | 58.90 -0.63 0.00 N | 66.50 -0.39 0.00 N | 82.15 -0.47 0.00 N | 68.35 -0.42 0.00 N | 70.27 -0.36 0.00 N | 80.06 -0.49 0.00 N | 140.50 -0.82 0.00 N | 162.74 -0.69 0.00 N | 82.90 -0.58 0.00 N | 63.81 -0.60 -0.09 N | 60.27 -0.57 0.00 N | 66.88 -0.38 0.00 N | 54.78 -0.37 0.00 N | 48.47 -0.66 0.00 N | 51.05 -0.88 0.00 N |
| FULTON____LFGE 323630 | 46.81 4.40 0.00 N | 44.32 3.80 0.00 N | 36.33 2.91 0.00 N | 37.36 2.93 0.00 N | 44.66 3.57 0.00 N | 47.95 4.10 0.00 N | 46.23 4.49 0.00 N | 48.28 5.13 0.00 N | 70.39 8.33 0.00 N | 67.92 8.39 0.00 N | 76.91 10.02 0.00 N | 95.08 12.46 0.00 N | 79.60 10.83 0.00 N | 82.05 11.42 0.00 N | 93.38 12.83 0.00 N | 163.62 22.30 0.00 N | 189.77 26.34 0.00 N | 96.73 13.26 0.00 N | 76.10 9.94 -1.84 N | 69.88 9.04 0.00 N | 77.44 10.18 0.00 N | 63.17 8.01 0.00 N | 55.34 6.21 0.00 N | 57.75 5.81 0.00 N |
| Freeport____CT2 23818 | 46.49 3.96 -0.11 N | 44.29 3.74 -0.04 N | 36.44 2.89 -0.13 N | 36.97 2.55 0.00 N | 44.05 2.96 0.00 N | 47.05 3.21 0.00 N | 45.54 3.81 0.00 N | 47.66 4.51 0.00 N | 149.21 6.87 -80.28 N | 67.15 7.06 -0.56 N | 126.08 8.53 -50.66 N | 113.29 11.02 -19.65 N | 77.86 9.02 -0.07 N | 86.24 9.23 -6.38 N | 90.98 10.43 0.00 N | 159.71 18.38 0.00 N | 183.96 20.53 0.00 N | 93.91 10.44 0.00 N | 73.45 7.92 -1.20 N | 68.27 7.42 0.00 N | 75.35 8.08 0.00 N | 61.21 6.06 0.00 N | 116.35 4.88 -62.33 N | 133.35 4.63 -76.78 N |
| G.F.CEMENT____DRP 24184 | 43.59 1.18 0.00 N | 41.86 1.34 0.00 N | 34.39 0.96 0.00 N | 35.14 0.71 0.00 N | 42.23 1.15 0.00 N | 45.17 1.33 0.00 N | 43.59 1.86 0.00 N | 45.35 2.19 0.00 N | 66.26 4.20 0.00 N | 64.82 5.29 0.00 N | 73.57 6.68 0.00 N | 91.57 8.95 0.00 N | 76.24 7.47 0.00 N | 78.30 7.67 0.00 N | 89.19 8.64 0.00 N | 156.44 15.11 0.00 N | 181.01 17.58 0.00 N | 92.43 8.96 0.00 N | 72.89 7.00 -1.57 N | 67.20 6.35 0.00 N | 74.09 6.82 0.00 N | 59.62 4.46 0.00 N | 52.15 3.02 0.00 N | 54.00 2.06 0.00 N |
| GARDENVILLE____LBMP 24039 | 40.34 -2.07 0.00 N | 38.24 -2.28 0.00 N | 31.77 -1.65 0.00 N | 32.70 -1.73 0.00 N | 38.73 -2.36 0.00 N | 41.52 -2.32 0.00 N | 39.96 -1.78 0.00 N | 41.54 -1.62 0.00 N | 58.44 -3.62 0.00 N | 55.61 -3.91 0.00 N | 62.82 -4.08 0.00 N | 77.69 -4.92 0.00 N | 64.24 -4.53 0.00 N | 66.01 -4.62 0.00 N | 74.72 -5.83 0.00 N | 131.09 -10.24 0.00 N | 152.73 -10.70 0.00 N | 76.97 -6.50 0.00 N | 58.84 -5.67 -0.18 N | 55.53 -5.31 0.00 N | 62.06 -5.20 0.00 N | 51.70 -3.45 0.00 N | 46.26 -2.88 0.00 N | 48.23 -3.71 0.00 N |
| GENERAL____MILLS 23808 | 40.50 -1.91 0.00 N | 38.39 -2.13 0.00 N | 31.88 -1.54 0.00 N | 32.80 -1.63 0.00 N | 38.85 -2.24 0.00 N | 41.66 -2.18 0.00 N | 40.11 -1.63 0.00 N | 41.69 -1.46 0.00 N | 58.64 -3.42 0.00 N | 55.81 -3.71 0.00 N | 63.05 -3.84 0.00 N | 77.96 -4.66 0.00 N | 64.49 -4.28 0.00 N | 66.25 -4.38 0.00 N | 75.02 -5.53 0.00 N | 131.61 -9.72 0.00 N | 153.30 -10.13 0.00 N | 77.26 -6.21 0.00 N | 59.06 -5.45 -0.19 N | 55.72 -5.12 0.00 N | 62.27 -4.99 0.00 N | 51.87 -3.28 0.00 N | 46.45 -2.68 0.00 N | 48.40 -3.54 0.00 N |
| GE_PLASTICS____DRP 24183 | 42.51 0.10 0.00 N | 40.79 0.27 0.00 N | 33.61 0.19 0.00 N | 34.41 -0.01 0.00 N | 41.14 0.05 0.00 N | 43.83 -0.01 0.00 N | 41.92 0.19 0.00 N | 43.64 0.48 0.00 N | 63.18 1.12 0.00 N | 61.31 1.79 0.00 N | 69.33 2.44 0.00 N | 85.68 3.06 0.00 N | 71.46 2.69 0.00 N | 73.17 2.54 0.00 N | 83.52 2.97 0.00 N | 146.61 5.28 0.00 N | 169.59 6.16 0.00 N | 86.83 3.36 0.00 N | 68.47 2.63 -1.52 N | 63.24 2.40 0.00 N | 69.78 2.51 0.00 N | 56.53 1.38 0.00 N | 49.84 0.71 0.00 N | 52.07 0.13 0.00 N |
| GILBOA____1 23756 | 43.23 0.81 0.00 N | 41.64 1.13 0.00 N | 34.52 1.10 0.00 N | 35.41 0.98 0.00 N | 42.27 1.18 0.00 N | 44.92 1.08 0.00 N | 42.60 0.87 0.00 N | 44.30 1.14 0.00 N | 63.99 1.94 0.00 N | 61.91 2.38 0.00 N | 70.05 3.16 0.00 N | 86.41 3.79 0.00 N | 71.79 3.02 0.00 N | 73.39 2.76 0.00 N | 83.76 3.21 0.00 N | 147.07 5.74 0.00 N | 170.25 6.82 0.00 N | 87.25 3.78 0.00 N | 68.65 3.15 -1.17 N | 63.87 3.03 0.00 N | 70.56 3.29 0.00 N | 57.28 2.13 0.00 N | 50.51 1.38 0.00 N | 52.87 0.93 0.00 N |
| GILBOA____2 23757 | 43.23 0.81 0.00 N | 41.64 1.13 0.00 N | 34.52 1.10 0.00 N | 35.41 0.98 0.00 N | 42.27 1.18 0.00 N | 44.92 1.08 0.00 N | 42.60 0.87 0.00 N | 44.30 1.14 0.00 N | 63.99 1.94 0.00 N | 61.91 2.38 0.00 N | 70.05 3.16 0.00 N | 86.41 3.79 0.00 N | 71.79 3.02 0.00 N | 73.39 2.76 0.00 N | 83.76 3.21 0.00 N | 147.07 5.74 0.00 N | 170.25 6.82 0.00 N | 87.25 3.78 0.00 N | 68.65 3.15 -1.17 N | 63.87 3.03 0.00 N | 70.56 3.29 0.00 N | 57.28 2.13 0.00 N | 50.51 1.38 0.00 N | 52.87 0.93 0.00 N |
| GILBOA____3 23758 | 43.23 0.81 0.00 N | 41.64 1.13 0.00 N | 34.52 1.10 0.00 N | 35.41 0.98 0.00 N | 42.27 1.18 0.00 N | 44.92 1.08 0.00 N | 42.60 0.87 0.00 N | 44.30 1.14 0.00 N | 63.99 1.94 0.00 N | 61.91 2.38 0.00 N | 70.05 3.16 0.00 N | 86.41 3.79 0.00 N | 71.79 3.02 0.00 N | 73.39 2.76 0.00 N | 83.76 3.21 0.00 N | 147.07 5.74 0.00 N | 170.25 6.82 0.00 N | 87.25 3.78 0.00 N | 68.65 3.15 -1.17 N | 63.87 3.03 0.00 N | 70.56 3.29 0.00 N | 57.28 2.13 0.00 N | 50.51 1.38 0.00 N | 52.87 0.93 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|---|
| GILBOA___4 23759 | 43.23 0.81 0.00 N | 41.64 1.13 0.00 N | 34.52 1.10 0.00 N | 35.41 0.98 0.00 N | 42.27 1.18 0.00 N | 44.92 1.08 0.00 N | 42.60 0.87 0.00 N | 44.30 1.14 0.00 N | 63.99 1.94 0.00 N | 61.91 2.38 0.00 N | 70.05 3.16 0.00 N | 86.41 3.79 0.00 N | 71.79 3.02 0.00 N | 73.39 2.76 0.00 N | 83.76 3.21 0.00 N | 147.07 5.74 0.00 N | 170.25 6.82 0.00 N | 87.25 3.78 0.00 N | 68.65 3.15 -1.17 N | 63.87 3.03 0.00 N | 70.56 3.29 0.00 N | 57.28 2.13 0.00 N | 50.51 1.38 0.00 N | 52.87 0.93 0.00 N | |
| GILBOA____ 23599 | 43.23 0.81 0.00 N | 41.64 1.13 0.00 N | 34.52 1.10 0.00 N | 35.41 0.98 0.00 N | 42.27 1.18 0.00 N | 44.92 1.08 0.00 N | 42.60 0.87 0.00 N | 44.30 1.14 0.00 N | 63.99 1.94 0.00 N | 61.91 2.38 0.00 N | 70.05 3.16 0.00 N | 86.41 3.79 0.00 N | 71.79 3.02 0.00 N | 73.39 2.76 0.00 N | 83.76 3.21 0.00 N | 147.07 5.74 0.00 N | 170.25 6.82 0.00 N | 87.25 3.78 0.00 N | 68.65 3.15 -1.17 N | 63.87 3.03 0.00 N | 70.56 3.29 0.00 N | 57.28 2.13 0.00 N | 50.51 1.38 0.00 N | 52.87 0.93 0.00 N | |
| GINNA____ 23603 | 40.34 -2.08 0.00 N | 38.26 -2.26 0.00 N | 31.62 -1.80 0.00 N | 32.47 -1.96 0.00 N | 38.63 -2.46 0.00 N | 41.46 -2.38 0.00 N | 39.91 -1.83 0.00 N | 41.45 -1.71 0.00 N | 59.16 -2.89 0.00 N | 56.82 -2.70 0.00 N | 64.36 -2.53 0.00 N | 79.69 -2.92 0.00 N | 66.37 -2.40 0.00 N | 68.27 -2.36 0.00 N | 77.45 -3.10 0.00 N | 135.50 -5.83 0.00 N | 156.91 -6.52 0.00 N | 79.61 -3.86 0.00 N | 61.13 -3.32 -0.13 N | 57.51 -3.33 0.00 N | 64.04 -3.23 0.00 N | 52.73 -2.42 0.00 N | 46.77 -2.36 0.00 N | 48.91 -3.02 0.00 N | |
| GLEN PARK____ 23778 | 44.11 1.70 0.00 N | 41.90 1.38 0.00 N | 34.52 1.10 0.00 N | 35.54 1.12 0.00 N | 42.45 1.36 0.00 N | 45.56 1.71 0.00 N | 43.61 1.88 0.00 N | 46.36 3.20 0.00 N | 67.76 5.71 0.00 N | 64.17 4.64 0.00 N | 70.80 3.91 0.00 N | 87.13 4.52 0.00 N | 72.58 3.81 0.00 N | 74.85 4.22 0.00 N | 84.70 4.15 0.00 N | 148.59 7.26 0.00 N | 172.21 8.77 0.00 N | 87.47 4.00 0.00 N | 67.30 2.93 -0.05 N | 63.89 3.05 0.00 N | 70.99 3.73 0.00 N | 58.98 3.82 0.00 N | 52.00 2.87 0.00 N | 54.36 2.42 0.00 N | |
| GLENWOOD_IC_1_G5 23712 | 45.85 3.36 -0.08 N | 43.74 3.19 -0.03 N | 35.97 2.45 -0.09 N | 36.60 2.18 0.00 N | 43.64 2.55 0.00 N | 46.56 2.71 0.00 N | 44.93 3.20 0.00 N | 46.99 3.83 0.00 N | 148.19 5.86 -80.28 N | 66.30 6.22 -0.56 N | 125.18 7.63 -50.66 N | 111.92 9.65 -19.65 N | 76.74 7.90 -0.07 N | 84.92 7.91 -6.38 N | 89.77 9.22 0.00 N | 157.91 16.58 0.00 N | 182.36 18.93 0.00 N | 93.13 9.65 0.00 N | 72.77 7.24 -1.20 N | 67.61 6.77 0.00 N | 74.59 7.33 0.00 N | 60.51 5.36 0.00 N | 115.69 4.22 -62.33 N | 132.56 3.83 -76.78 N | |
| GLENWOOD_IC_2_G1 23688 | 45.67 3.21 -0.05 N | 43.58 3.05 -0.01 N | 35.82 2.34 -0.05 N | 36.53 2.10 0.00 N | 43.56 2.47 0.00 N | 46.51 2.67 0.00 N | 44.87 3.14 0.00 N | 46.89 3.73 0.00 N | 148.07 5.74 -80.28 N | 66.22 6.13 -0.56 N | 125.23 7.69 -50.66 N | 112.06 9.79 -19.65 N | 77.00 8.16 -0.07 N | 85.13 8.13 -6.38 N | 89.90 9.35 0.00 N | 157.96 16.63 0.00 N | 182.44 19.01 0.00 N | 93.21 9.74 0.00 N | 72.85 7.32 -1.20 N | 67.71 6.87 0.00 N | 74.74 7.48 0.00 N | 60.60 5.45 0.00 N | 115.62 4.15 -62.33 N | 132.36 3.64 -76.78 N | |
| GLENWOOD_IC_3_G1 23689 | 45.67 3.21 -0.05 N | 43.58 3.05 -0.01 N | 35.82 2.34 -0.05 N | 36.53 2.10 0.00 N | 43.56 2.47 0.00 N | 46.51 2.67 0.00 N | 44.87 3.14 0.00 N | 46.89 3.73 0.00 N | 148.07 5.74 -80.28 N | 66.22 6.13 -0.56 N | 125.23 7.69 -50.66 N | 112.06 9.79 -19.65 N | 77.00 8.16 -0.07 N | 85.13 8.13 -6.38 N | 89.90 9.35 0.00 N | 157.96 16.63 0.00 N | 182.44 19.01 0.00 N | 93.21 9.74 0.00 N | 72.85 7.32 -1.20 N | 67.71 6.87 0.00 N | 74.74 7.48 0.00 N | 60.60 5.45 0.00 N | 115.62 4.15 -62.33 N | 132.36 3.64 -76.78 N | |
| GLENWOOD___4 23550 | 45.85 3.36 -0.08 N | 43.73 3.19 -0.03 N | 35.97 2.45 -0.09 N | 36.60 2.18 0.00 N | 43.64 2.55 0.00 N | 46.55 2.71 0.00 N | 44.93 3.19 0.00 N | 46.99 3.83 0.00 N | 148.18 5.85 -80.28 N | 66.30 6.21 -0.56 N | 125.24 7.69 -50.66 N | 112.04 9.77 -19.65 N | 76.87 8.04 -0.07 N | 85.08 8.08 -6.38 N | 89.89 9.34 0.00 N | 158.05 16.72 0.00 N | 182.53 19.10 0.00 N | 93.21 9.74 0.00 N | 72.83 7.30 -1.20 N | 67.67 6.83 0.00 N | 74.66 7.39 0.00 N | 60.56 5.41 0.00 N | 115.69 4.22 -62.33 N | 132.56 3.83 -76.78 N | |
| GLENWOOD___5 23614 | 45.85 3.36 -0.08 N | 43.73 3.19 -0.03 N | 35.97 2.45 -0.09 N | 36.60 2.18 0.00 N | 43.64 2.55 0.00 N | 46.55 2.71 0.00 N | 44.93 3.19 0.00 N | 46.99 3.83 0.00 N | 148.18 5.85 -80.28 N | 66.30 6.21 -0.56 N | 125.24 7.69 -50.66 N | 112.04 9.77 -19.65 N | 76.87 8.04 -0.07 N | 85.08 8.08 -6.38 N | 89.89 9.34 0.00 N | 158.05 16.72 0.00 N | 182.53 19.10 0.00 N | 93.21 9.74 0.00 N | 72.83 7.30 -1.20 N | 67.67 6.83 0.00 N | 74.66 7.39 0.00 N | 60.56 5.41 0.00 N | 115.69 4.22 -62.33 N | 132.56 3.83 -76.78 N | |
| GLOBAL GREEN_PORT_GT1 23814 | 51.82 9.39 -0.02 N | 49.15 8.63 0.00 N | 40.27 6.83 -0.01 N | 41.00 6.57 0.00 N | 48.86 7.76 0.00 N | 52.35 8.50 0.00 N | 50.99 9.26 0.00 N | 53.88 10.72 0.00 N | 158.88 16.55 -80.28 N | 77.02 16.93 -0.56 N | 136.69 19.14 -50.66 N | 126.27 24.00 -19.65 N | 87.40 18.57 -0.07 N | 96.26 19.25 -6.38 N | 102.57 22.02 0.00 N | 179.47 38.14 0.00 N | 205.87 42.44 0.00 N | 103.99 20.51 0.00 N | 80.37 14.84 -1.20 N | 74.94 14.10 0.00 N | 83.06 15.80 0.00 N | 67.77 12.61 0.00 N | 123.20 11.74 -62.33 N | 140.73 12.00 -76.78 N | |
| GOETHSLN___LBMP 323567 | 45.28 2.87 0.00 N | 43.29 2.78 0.00 N | 35.50 2.08 0.00 N | 36.31 1.89 0.00 N | 43.32 2.23 0.00 N | 46.29 2.45 0.00 N | 44.64 2.91 0.00 N | 46.67 3.51 0.00 N | 67.45 5.39 0.00 N | 65.25 5.73 0.00 N | 74.11 7.22 0.00 N | 80.93 9.09 10.77 N | 75.28 7.73 1.22 N | 75.92 7.51 2.22 N | 89.28 8.74 0.01 N | 156.96 15.64 0.01 N | 179.53 18.01 1.91 N | 92.78 9.31 0.00 N | 72.49 6.96 -1.20 N | 67.46 6.62 0.00 N | 74.51 7.25 0.00 N | 60.42 5.26 0.00 N | 53.04 3.91 0.00 N | 55.20 3.26 0.00 N | |
| GOUDEY___7 23579 | 41.84 -0.57 0.00 N | 39.94 -0.57 0.00 N | 32.98 -0.45 0.00 N | 33.97 -0.46 0.00 N | 40.46 -0.63 0.00 N | 43.13 -0.72 0.00 N | 41.27 -0.46 0.00 N | 43.10 -0.05 0.00 N | 61.97 -0.09 0.00 N | 59.78 0.25 0.00 N | 67.79 0.90 0.00 N | 84.31 1.69 0.00 N | 69.94 1.17 0.00 N | 72.12 1.49 0.00 N | 81.94 1.39 0.00 N | 144.26 2.93 0.00 N | 167.97 4.54 0.00 N | 85.27 1.80 0.00 N | 65.56 0.85 -0.39 N | 61.88 1.04 0.00 N | 68.57 1.31 0.00 N | 55.80 0.65 0.00 N | 48.99 -0.15 0.00 N | 51.14 -0.80 0.00 N | |
| GOUDEY___8 23580 | 41.79 -0.62 0.00 N | 39.90 -0.62 0.00 N | 32.94 -0.48 0.00 N | 33.94 -0.49 0.00 N | 40.42 -0.67 0.00 N | 43.09 -0.76 0.00 N | 41.23 -0.51 0.00 N | 43.06 -0.10 0.00 N | 61.89 -0.17 0.00 N | 59.69 0.16 0.00 N | 67.69 0.80 0.00 N | 84.19 1.57 0.00 N | 69.83 1.07 0.00 N | 72.00 1.37 0.00 N | 81.79 1.24 0.00 N | 144.00 2.67 0.00 N | 167.66 4.23 0.00 N | 85.13 1.66 0.00 N | 65.44 0.73 -0.39 N | 61.79 0.95 0.00 N | 68.46 1.20 0.00 N | 55.71 0.55 0.00 N | 48.93 -0.21 0.00 N | 51.09 -0.85 0.00 N | |
| GOWANUS_GT1_1 | 95.43 | 51.39 | 42.95 | 36.79 | 43.89 | 46.89 | 50.39 | 57.93 | 79.94 | 68.75 | 93.06 | 277.59 | 106.83 | 80.25 | 89.84 | 157.82 | 184.93 | 104.58 | 117.02 | 124.74 | 115.41 | 124.70 | 119.13 | 108.98 | |

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|------------------------|--|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------|-----------------------|
| 24077 | | 3.40 -49.62 N | 3.28 -7.60 N | 2.53 -7.00 N | 2.37 0.00 N | 2.80 0.00 N | 3.04 -0.01 N | 3.46 -5.20 N | 4.03 -10.74 N | 5.95 -11.93 N | 6.23 -2.99 N | 7.87 -18.30 N | 9.91 -185.06 N | 8.38 -29.68 N | 8.15 -1.46 N | 9.29 0.00 N | 16.49 0.00 N | 19.11 -2.39 N | 9.91 -11.20 N | 7.46 -45.23 N | 6.96 -56.94 N | 7.59 -40.56 N | 5.46 -64.09 N | 4.17 -65.83 N | 3.66 -53.38 N |
| GOWANUS_GT1_2 24078 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_3 24079 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_4 24080 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_5 24084 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_6 24111 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_7 24112 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT1_8 24113 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_1 24114 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_2 24115 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_3 24116 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_4 24117 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_5 24118 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| GOWANUS_GT2_6 24119 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |

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|------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| GOWANUS_GT2_7 24120 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT2_8 24121 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_1 24122 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_2 24123 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_3 24124 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_4 24125 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_5 24126 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_6 24127 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_7 24128 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT3_8 24129 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.70 5.46 -64.09 N | 119.13 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT4_1 24130 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT4_2 24131 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT4_3 24132 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| GOWANUS_GT4_4 24133 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| GOWANUS_GT4_5 24134 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N | |
| GOWANUS_GT4_6 24135 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N | |
| GOWANUS_GT4_7 24136 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N | |
| GOWANUS_GT4_8 24137 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N | |
| GREENIDGE___3 23582 | 40.98 -1.43 0.00 N | 38.96 -1.56 0.00 N | 32.39 -1.04 0.00 N | 33.53 -0.90 0.00 N | 39.61 -1.48 0.00 N | 42.19 -1.65 0.00 N | 40.67 -1.07 0.00 N | 42.51 -0.65 0.00 N | 60.87 -1.19 0.00 N | 58.66 -0.86 0.00 N | 66.72 -0.17 0.00 N | 83.25 0.63 0.00 N | 69.05 0.28 0.00 N | 71.41 0.78 0.00 N | 80.93 0.38 0.00 N | 142.47 1.14 0.00 N | 166.17 2.74 0.00 N | 83.84 0.37 0.00 N | 64.02 -0.51 -0.21 N | 60.56 -0.28 0.00 N | 67.37 0.11 0.00 N | 55.06 -0.09 0.00 N | 48.26 -0.88 0.00 N | 50.20 -1.74 0.00 N | |
| GREENIDGE___4 23583 | 40.98 -1.43 0.00 N | 38.96 -1.56 0.00 N | 32.39 -1.04 0.00 N | 33.53 -0.90 0.00 N | 39.61 -1.48 0.00 N | 42.19 -1.65 0.00 N | 40.67 -1.07 0.00 N | 42.51 -0.65 0.00 N | 60.87 -1.19 0.00 N | 58.66 -0.86 0.00 N | 66.72 -0.17 0.00 N | 83.25 0.63 0.00 N | 69.05 0.28 0.00 N | 71.41 0.78 0.00 N | 80.93 0.38 0.00 N | 142.47 1.14 0.00 N | 166.17 2.74 0.00 N | 83.84 0.37 0.00 N | 64.02 -0.51 -0.21 N | 60.56 -0.28 0.00 N | 67.37 0.11 0.00 N | 55.06 -0.09 0.00 N | 48.26 -0.88 0.00 N | 50.20 -1.74 0.00 N | |
| GROVEVILLE___HYD 323602 | 45.05 2.63 0.00 N | 43.00 2.48 0.00 N | 35.39 1.97 0.00 N | 36.23 1.81 0.00 N | 43.25 2.16 0.00 N | 46.08 2.24 0.00 N | 44.39 2.65 0.00 N | 46.13 2.97 0.00 N | 66.52 4.46 0.00 N | 64.48 4.96 0.00 N | 73.30 6.41 0.00 N | 90.93 8.31 0.00 N | 75.87 7.10 0.00 N | 77.68 7.05 0.00 N | 88.74 8.20 0.00 N | 156.01 14.68 0.00 N | 180.34 16.91 0.00 N | 92.24 8.76 0.00 N | 72.11 6.56 -1.23 N | 66.96 6.12 0.00 N | 73.90 6.64 0.00 N | 59.80 4.65 0.00 N | 52.53 3.39 0.00 N | 54.69 2.75 0.00 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 43.13 0.72 0.00 N | 41.07 0.56 0.00 N | 33.98 0.56 0.00 N | 35.10 0.67 0.00 N | 41.96 0.87 0.00 N | 44.97 1.12 0.00 N | 42.72 0.98 0.00 N | 44.50 1.34 0.00 N | 63.50 1.45 0.00 N | 60.26 0.74 0.00 N | 66.77 -0.12 0.00 N | 81.83 -0.79 0.00 N | 67.92 -0.85 0.00 N | 70.07 -0.56 0.00 N | 79.13 -1.42 0.00 N | 138.72 -2.61 0.00 N | 160.22 -3.21 0.00 N | 81.68 -1.79 0.00 N | 63.01 -1.32 0.00 N | 60.31 -0.54 0.00 N | 66.46 -0.81 0.00 N | 55.43 0.27 0.00 N | 50.08 0.94 0.00 N | 53.07 1.13 0.00 N | |
| HARZA MOOSE___RIVER 24016 | 43.26 0.84 0.00 N | 41.22 0.70 0.00 N | 33.99 0.56 0.00 N | 35.00 0.57 0.00 N | 41.80 0.71 0.00 N | 44.74 0.90 0.00 N | 42.73 1.00 0.00 N | 44.63 1.47 0.00 N | 64.42 2.36 0.00 N | 61.73 2.21 0.00 N | 69.20 2.31 0.00 N | 85.47 2.86 0.00 N | 71.17 2.40 0.00 N | 73.23 2.59 0.00 N | 83.16 2.61 0.00 N | 145.95 4.63 0.00 N | 168.93 5.50 0.00 N | 86.06 2.59 0.00 N | 66.17 1.85 0.00 N | 62.75 1.91 0.00 N | 69.50 2.24 0.00 N | 57.20 2.05 0.00 N | 50.67 1.53 0.00 N | 53.21 1.27 0.00 N | |
| HEMPSTEAD____ 23647 | 45.96 3.47 -0.08 N | 43.83 3.29 -0.03 N | 36.04 2.52 -0.09 N | 36.64 2.21 0.00 N | 43.65 2.56 0.00 N | 46.63 2.79 0.00 N | 45.07 3.34 0.00 N | 47.17 4.01 0.00 N | 148.51 6.18 -80.28 N | 66.65 6.56 -0.56 N | 125.62 8.07 -50.66 N | 112.58 10.31 -19.65 N | 77.30 8.46 -0.07 N | 85.59 8.58 -6.38 N | 90.32 9.77 0.00 N | 158.58 17.25 0.00 N | 182.81 19.38 0.00 N | 93.34 9.87 0.00 N | 72.97 7.44 -1.20 N | 67.80 6.95 0.00 N | 74.81 7.54 0.00 N | 60.73 5.58 0.00 N | 115.83 4.36 -62.33 N | 132.72 4.00 -76.78 N | |
| HICKLING___1 23621 | 42.42 0.01 0.00 N | 40.26 -0.25 0.00 N | 33.27 -0.15 0.00 N | 34.45 0.02 0.00 N | 40.92 -0.17 0.00 N | 43.72 -0.12 0.00 N | 42.24 0.50 0.00 N | 44.49 1.34 0.00 N | 63.77 1.71 0.00 N | 61.59 2.06 0.00 N | 70.37 3.47 0.00 N | 88.47 5.85 0.00 N | 73.17 4.40 0.00 N | 76.10 5.47 0.00 N | 85.91 5.36 0.00 N | 151.75 10.42 0.00 N | 178.13 14.69 0.00 N | 89.44 5.97 0.00 N | 67.82 3.22 -0.27 N | 64.48 3.64 0.00 N | 71.57 4.30 0.00 N | 57.99 2.83 0.00 N | 50.28 1.14 0.00 N | 51.93 -0.01 0.00 N | |
| HICKLING___2 23622 | 42.42 0.01 0.00 N | 40.26 -0.25 0.00 N | 33.27 -0.15 0.00 N | 34.45 0.02 0.00 N | 40.92 -0.17 0.00 N | 43.72 -0.12 0.00 N | 42.24 0.50 0.00 N | 44.49 1.34 0.00 N | 63.77 1.71 0.00 N | 61.59 2.06 0.00 N | 70.37 3.47 0.00 N | 88.47 5.85 0.00 N | 73.17 4.40 0.00 N | 76.10 5.47 0.00 N | 85.91 5.36 0.00 N | 151.75 10.42 0.00 N | 178.13 14.69 0.00 N | 89.44 5.97 0.00 N | 67.82 3.22 -0.27 N | 64.48 3.64 0.00 N | 71.57 4.30 0.00 N | 57.99 2.83 0.00 N | 50.28 1.14 0.00 N | 51.93 -0.01 0.00 N | |
| HIGH FALLS___HY 23754 | 47.37 4.95 0.00 N | 45.13 4.61 0.00 N | 37.09 3.67 0.00 N | 38.14 3.71 0.00 N | 45.65 4.56 0.00 N | 48.87 5.02 0.00 N | 47.05 5.31 0.00 N | 48.99 5.83 0.00 N | 70.84 8.78 0.00 N | 68.14 8.62 0.00 N | 76.87 9.98 0.00 N | 95.42 12.81 0.00 N | 79.62 10.85 0.00 N | 81.88 11.25 0.00 N | 93.11 12.56 0.00 N | 164.60 23.27 0.00 N | 190.92 27.48 0.00 N | 97.59 14.12 0.00 N | 76.03 10.51 -1.19 N | 70.63 9.78 0.00 N | 78.06 10.79 0.00 N | 63.11 7.95 0.00 N | 55.32 6.19 0.00 N | 57.65 5.71 0.00 N | |
| HILLBURN___GT | 45.30 | 43.23 | 35.46 | 36.31 | 43.31 | 46.25 | 44.56 | 46.48 | 67.24 | 65.15 | 74.09 | 91.84 | 76.60 | 78.33 | 89.61 | 157.72 | 182.56 | 93.37 | 72.78 | 67.64 | 74.81 | 60.59 | 53.19 | 55.35 | |

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| 23639 | 2.89 0.00 N | 2.71 0.00 N | 2.03 0.00 N | 1.88 0.00 N | 2.22 0.00 N | 2.41 0.00 N | 2.82 0.00 N | 3.32 0.00 N | 5.19 0.00 N | 5.62 0.00 N | 7.20 0.00 N | 9.23 0.00 N | 7.84 0.00 N | 7.70 0.00 N | 9.06 0.00 N | 16.40 0.00 N | 19.13 0.00 N | 9.90 0.00 N | 7.30 -1.15 N | 6.80 0.00 N | 7.55 0.00 N | 5.44 0.00 N | 4.06 0.00 N | 3.41 0.00 N |
| HISHELDN_WT_PWR 323625 | 40.31 -2.10 0.00 N | 38.23 -2.29 0.00 N | 31.76 -1.67 0.00 N | 32.71 -1.71 0.00 N | 38.79 -2.30 0.00 N | 41.58 -2.26 0.00 N | 40.03 -1.70 0.00 N | 41.71 -1.45 0.00 N | 58.89 -3.17 0.00 N | 56.25 -3.28 0.00 N | 63.64 -3.25 0.00 N | 78.85 -3.76 0.00 N | 65.06 -3.71 0.00 N | 66.92 -3.71 0.00 N | 75.87 -4.67 0.00 N | 133.35 -7.98 0.00 N | 155.60 -7.83 0.00 N | 78.43 -5.04 0.00 N | 59.95 -4.58 0.00 N | 56.65 -4.19 0.00 N | 63.23 -4.04 0.00 N | 52.38 -2.78 0.00 N | 46.59 -2.55 0.00 N | 48.50 -3.44 0.00 N |
| HOLTSVILLE_IC_1 23690 | 46.35 3.92 -0.02 N | 44.26 3.74 0.00 N | 36.33 2.89 -0.01 N | 36.94 2.51 0.00 N | 43.98 2.89 0.00 N | 46.99 3.14 0.00 N | 45.59 3.86 0.00 N | 47.86 4.70 0.00 N | 149.52 7.20 -80.28 N | 67.58 7.49 -0.56 N | 126.67 9.13 -50.66 N | 114.04 11.78 -19.65 N | 77.76 8.92 -0.07 N | 86.16 9.15 -6.38 N | 90.63 10.08 0.00 N | 159.01 17.67 0.00 N | 182.37 18.93 0.00 N | 93.04 9.57 0.00 N | 72.79 7.26 -1.20 N | 67.76 6.92 0.00 N | 74.64 7.37 0.00 N | 61.11 5.96 0.00 N | 116.49 5.03 -62.33 N | 133.48 4.76 -76.78 N |
| HOLTSVILLE_IC_10 23699 | 46.95 4.52 -0.02 N | 44.81 4.29 0.00 N | 36.77 3.33 -0.02 N | 37.39 2.96 0.00 N | 44.49 3.40 0.00 N | 47.54 3.69 0.00 N | 46.16 4.42 0.00 N | 48.52 5.36 0.00 N | 150.55 8.22 -80.28 N | 68.57 8.49 -0.56 N | 127.92 10.37 -50.66 N | 115.68 13.41 -19.65 N | 78.99 10.16 -0.07 N | 87.36 10.35 -6.38 N | 91.57 11.03 0.00 N | 160.75 19.42 0.00 N | 184.30 20.86 0.00 N | 93.99 10.52 0.00 N | 73.49 7.97 -1.20 N | 68.63 7.78 0.00 N | 75.61 8.35 0.00 N | 61.95 6.80 0.00 N | 117.30 5.84 -62.33 N | 134.26 5.54 -76.78 N |
| HOLTSVILLE_IC_2 23691 | 46.35 3.92 -0.02 N | 44.26 3.74 0.00 N | 36.33 2.89 -0.01 N | 36.94 2.51 0.00 N | 43.98 2.89 0.00 N | 46.99 3.14 0.00 N | 45.59 3.86 0.00 N | 47.86 4.70 0.00 N | 149.52 7.20 -80.28 N | 67.58 7.49 -0.56 N | 126.67 9.13 -50.66 N | 114.04 11.78 -19.65 N | 77.76 8.92 -0.07 N | 86.16 9.15 -6.38 N | 90.63 10.08 0.00 N | 159.01 17.67 0.00 N | 182.37 18.93 0.00 N | 93.04 9.57 0.00 N | 72.79 7.26 -1.20 N | 67.76 6.92 0.00 N | 74.64 7.37 0.00 N | 61.11 5.96 0.00 N | 116.49 5.03 -62.33 N | 133.48 4.76 -76.78 N |
| HOLTSVILLE_IC_3 23692 | 46.35 3.92 -0.02 N | 44.26 3.74 0.00 N | 36.33 2.89 -0.01 N | 36.94 2.51 0.00 N | 43.98 2.89 0.00 N | 46.99 3.14 0.00 N | 45.59 3.86 0.00 N | 47.86 4.70 0.00 N | 149.52 7.20 -80.28 N | 67.58 7.49 -0.56 N | 126.67 9.13 -50.66 N | 114.04 11.78 -19.65 N | 77.76 8.92 -0.07 N | 86.16 9.15 -6.38 N | 90.63 10.08 0.00 N | 159.01 17.67 0.00 N | 182.37 18.93 0.00 N | 93.04 9.57 0.00 N | 72.79 7.26 -1.20 N | 67.76 6.92 0.00 N | 74.64 7.37 0.00 N | 61.11 5.96 0.00 N | 116.49 5.03 -62.33 N | 133.48 4.76 -76.78 N |
| HOLTSVILLE_IC_4 23693 | 46.35 3.92 -0.02 N | 44.26 3.74 0.00 N | 36.33 2.89 -0.01 N | 36.94 2.51 0.00 N | 43.98 2.89 0.00 N | 46.99 3.14 0.00 N | 45.59 3.86 0.00 N | 47.86 4.70 0.00 N | 149.52 7.20 -80.28 N | 67.58 7.49 -0.56 N | 126.67 9.13 -50.66 N | 114.04 11.78 -19.65 N | 77.76 8.92 -0.07 N | 86.16 9.15 -6.38 N | 90.63 10.08 0.00 N | 159.01 17.67 0.00 N | 182.37 18.93 0.00 N | 93.04 9.57 0.00 N | 72.79 7.26 -1.20 N | 67.76 6.92 0.00 N | 74.64 7.37 0.00 N | 61.11 5.96 0.00 N | 116.49 5.03 -62.33 N | 133.48 4.76 -76.78 N |
| HOLTSVILLE_IC_5 23694 | 46.35 3.92 -0.02 N | 44.26 3.74 0.00 N | 36.33 2.89 -0.01 N | 36.94 2.51 0.00 N | 43.98 2.89 0.00 N | 46.99 3.14 0.00 N | 45.59 3.86 0.00 N | 47.86 4.70 0.00 N | 149.52 7.20 -80.28 N | 67.58 7.49 -0.56 N | 126.67 9.13 -50.66 N | 114.04 11.78 -19.65 N | 77.76 8.92 -0.07 N | 86.16 9.15 -6.38 N | 90.63 10.08 0.00 N | 159.01 17.67 0.00 N | 182.37 18.93 0.00 N | 93.04 9.57 0.00 N | 72.79 7.26 -1.20 N | 67.76 6.92 0.00 N | 74.64 7.37 0.00 N | 61.11 5.96 0.00 N | 116.49 5.03 -62.33 N | 133.48 4.76 -76.78 N |
| HOLTSVILLE_IC_6 23695 | 46.95 4.52 -0.02 N | 44.81 4.29 0.00 N | 36.77 3.33 -0.02 N | 37.39 2.96 0.00 N | 44.49 3.40 0.00 N | 47.54 3.69 0.00 N | 46.16 4.42 0.00 N | 48.52 5.36 0.00 N | 150.55 8.22 -80.28 N | 68.57 8.49 -0.56 N | 127.92 10.37 -50.66 N | 115.68 13.41 -19.65 N | 78.99 10.16 -0.07 N | 87.36 10.35 -6.38 N | 91.57 11.03 0.00 N | 160.75 19.42 0.00 N | 184.30 20.86 0.00 N | 93.99 10.52 0.00 N | 73.49 7.97 -1.20 N | 68.63 7.78 0.00 N | 75.61 8.35 0.00 N | 61.95 6.80 0.00 N | 117.30 5.84 -62.33 N | 134.26 5.54 -76.78 N |
| HOLTSVILLE_IC_7 23696 | 46.95 4.52 -0.02 N | 44.81 4.29 0.00 N | 36.77 3.33 -0.02 N | 37.39 2.96 0.00 N | 44.49 3.40 0.00 N | 47.54 3.69 0.00 N | 46.16 4.42 0.00 N | 48.52 5.36 0.00 N | 150.55 8.22 -80.28 N | 68.57 8.49 -0.56 N | 127.92 10.37 -50.66 N | 115.68 13.41 -19.65 N | 78.99 10.16 -0.07 N | 87.36 10.35 -6.38 N | 91.57 11.03 0.00 N | 160.75 19.42 0.00 N | 184.30 20.86 0.00 N | 93.99 10.52 0.00 N | 73.49 7.97 -1.20 N | 68.63 7.78 0.00 N | 75.61 8.35 0.00 N | 61.95 6.80 0.00 N | 117.30 5.84 -62.33 N | 134.26 5.54 -76.78 N |
| HOLTSVILLE_IC_8 23697 | 46.95 4.52 -0.02 N | 44.81 4.29 0.00 N | 36.77 3.33 -0.02 N | 37.39 2.96 0.00 N | 44.49 3.40 0.00 N | 47.54 3.69 0.00 N | 46.16 4.42 0.00 N | 48.52 5.36 0.00 N | 150.55 8.22 -80.28 N | 68.57 8.49 -0.56 N | 127.92 10.37 -50.66 N | 115.68 13.41 -19.65 N | 78.99 10.16 -0.07 N | 87.36 10.35 -6.38 N | 91.57 11.03 0.00 N | 160.75 19.42 0.00 N | 184.30 20.86 0.00 N | 93.99 10.52 0.00 N | 73.49 7.97 -1.20 N | 68.63 7.78 0.00 N | 75.61 8.35 0.00 N | 61.95 6.80 0.00 N | 117.30 5.84 -62.33 N | 134.26 5.54 -76.78 N |
| HOLTSVILLE_IC_9 23698 | 46.95 4.52 -0.02 N | 44.81 4.29 0.00 N | 36.77 3.33 -0.02 N | 37.39 2.96 0.00 N | 44.49 3.40 0.00 N | 47.54 3.69 0.00 N | 46.16 4.42 0.00 N | 48.52 5.36 0.00 N | 150.55 8.22 -80.28 N | 68.57 8.49 -0.56 N | 127.92 10.37 -50.66 N | 115.68 13.41 -19.65 N | 78.99 10.16 -0.07 N | 87.36 10.35 -6.38 N | 91.57 11.03 0.00 N | 160.75 19.42 0.00 N | 184.30 20.86 0.00 N | 93.99 10.52 0.00 N | 73.49 7.97 -1.20 N | 68.63 7.78 0.00 N | 75.61 8.35 0.00 N | 61.95 6.80 0.00 N | 117.30 5.84 -62.33 N | 134.26 5.54 -76.78 N |
| HQ_GEN_CEDARS 23644 | 42.78 0.36 0.00 N | 40.77 0.25 0.00 N | 33.89 0.47 0.00 N | 35.09 0.66 0.00 N | 41.91 0.82 0.00 N | 44.83 0.99 0.00 N | 42.23 0.49 0.00 N | 43.65 0.49 0.00 N | 61.61 -0.44 0.00 N | 58.34 -1.19 0.00 N | 64.70 -2.19 0.00 N | 79.12 -3.49 0.00 N | 65.71 -3.06 0.00 N | 68.15 -2.48 0.00 N | 76.52 -4.02 0.00 N | 134.07 -7.26 0.00 N | 154.55 -8.88 0.00 N | 78.94 -4.53 0.00 N | 61.08 -3.25 0.00 N | 58.78 -2.06 0.00 N | 63.95 -3.32 0.00 N | 53.24 -1.91 0.00 N | 49.04 -0.09 0.00 N | 52.53 0.59 0.00 N |
| HQ_GEN_CEDARS_PROXY 323590 | 42.78 0.36 0.00 N | 40.77 0.25 0.00 N | 35.71 0.61 0.72 N | 35.09 0.66 0.00 N | 41.91 0.82 0.00 N | 44.83 0.99 0.00 N | 42.23 0.49 0.00 N | 43.65 0.49 0.00 N | 47.72 -0.09 -0.60 N | 58.34 -1.19 0.00 N | 64.70 -2.19 0.00 N | 79.12 -3.49 0.00 N | 65.71 -3.06 0.00 N | 68.15 -2.48 0.00 N | 76.52 -4.02 0.00 N | 134.07 -7.26 0.00 N | 154.55 -8.88 0.00 N | 78.94 -4.53 0.00 N | 61.08 -3.25 0.00 N | 58.78 -2.06 0.00 N | 63.95 -3.32 0.00 N | 53.24 -1.91 0.00 N | 49.04 -0.09 0.00 N | 43.78 0.43 2.63 N |

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| HQ_GEN_IMPORT 323601 | 42.48 0.06 0.00 N | 40.53 0.02 0.00 N | 35.17 0.07 0.72 N | 34.60 0.18 0.00 N | 41.30 0.21 0.00 N | 44.13 0.29 0.00 N | 41.82 0.09 0.00 N | 42.93 -0.22 0.00 N | 47.53 -0.35 -0.68 N | 49.50 -1.05 4.44 N | 64.98 -1.91 0.00 N | 80.04 -2.58 0.00 N | 66.58 -2.20 0.00 N | 68.54 -2.08 0.00 N | 78.18 -2.37 0.00 N | 137.02 -4.31 0.00 N | 158.19 -5.24 0.00 N | 80.81 -2.66 0.00 N | 62.39 -1.94 0.00 N | 59.08 -1.76 0.00 N | 65.24 -2.03 0.00 N | 53.99 -1.16 0.00 N | 48.74 -0.39 0.00 N | 43.43 0.08 2.63 N |
| HQ_GEN_WHEEL 23651 | 42.48 0.06 0.00 N | 40.53 0.02 0.00 N | 35.17 0.07 0.72 N | 34.60 0.18 0.00 N | 41.30 0.21 0.00 N | 44.13 0.29 0.00 N | 41.82 0.09 0.00 N | 42.93 -0.22 0.00 N | 47.53 -0.35 -0.68 N | 49.50 -1.05 4.44 N | 64.98 -1.91 0.00 N | 80.04 -2.58 0.00 N | 66.58 -2.20 0.00 N | 68.54 -2.08 0.00 N | 78.18 -2.37 0.00 N | 137.02 -4.31 0.00 N | 158.19 -5.24 0.00 N | 80.81 -2.66 0.00 N | 62.39 -1.94 0.00 N | 59.08 -1.76 0.00 N | 65.24 -2.03 0.00 N | 53.99 -1.16 0.00 N | 48.74 -0.39 0.00 N | 43.43 0.08 2.63 N |
| HUDSON_AVE_GT_3 23810 | 45.64 3.23 0.00 N | 43.60 3.08 0.00 N | 35.75 2.33 0.00 N | 36.58 2.15 0.00 N | 43.64 2.55 0.00 N | 46.63 2.78 0.00 N | 44.95 3.22 0.00 N | 46.97 3.81 0.00 N | 67.89 5.84 0.00 N | 65.74 6.22 0.00 N | 74.69 7.80 0.00 N | 92.50 9.89 0.00 N | 77.14 8.37 0.00 N | 78.86 8.23 0.00 N | 90.03 9.48 0.00 N | 158.31 16.98 0.00 N | 183.04 19.61 0.00 N | 93.54 10.07 0.00 N | 73.05 7.52 0.00 N | 67.92 7.08 0.00 N | 75.02 7.76 0.00 N | 60.77 5.62 0.00 N | 53.35 4.21 0.00 N | 55.52 3.58 0.00 N |
| HUDSON_AVE_GT_4 23540 | 45.64 3.23 0.00 N | 43.60 3.08 0.00 N | 35.75 2.33 0.00 N | 36.58 2.15 0.00 N | 43.64 2.55 0.00 N | 46.63 2.78 0.00 N | 44.95 3.22 0.00 N | 46.97 3.81 0.00 N | 67.89 5.84 0.00 N | 65.74 6.22 0.00 N | 74.69 7.80 0.00 N | 92.50 9.89 0.00 N | 77.14 8.37 0.00 N | 78.86 8.23 0.00 N | 90.03 9.48 0.00 N | 158.31 16.98 0.00 N | 183.04 19.61 0.00 N | 93.54 10.07 0.00 N | 73.05 7.52 0.00 N | 67.92 7.08 0.00 N | 75.02 7.76 0.00 N | 60.77 5.62 0.00 N | 53.35 4.21 0.00 N | 55.52 3.58 0.00 N |
| HUDSON_AVE_GT_5 23657 | 45.64 3.23 0.00 N | 43.60 3.08 0.00 N | 35.75 2.33 0.00 N | 36.58 2.15 0.00 N | 43.64 2.55 0.00 N | 46.63 2.78 0.00 N | 44.95 3.22 0.00 N | 46.97 3.81 0.00 N | 67.89 5.84 0.00 N | 65.74 6.22 0.00 N | 74.69 7.80 0.00 N | 92.50 9.89 0.00 N | 77.14 8.37 0.00 N | 78.86 8.23 0.00 N | 90.03 9.48 0.00 N | 158.31 16.98 0.00 N | 183.04 19.61 0.00 N | 93.54 10.07 0.00 N | 73.05 7.52 0.00 N | 67.92 7.08 0.00 N | 75.02 7.76 0.00 N | 60.77 5.62 0.00 N | 53.35 4.21 0.00 N | 55.52 3.58 0.00 N |
| HUDSON_AVE_10 24168 | 45.49 3.08 0.00 N | 43.46 2.94 0.00 N | 35.64 2.22 0.00 N | 36.46 2.03 0.00 N | 43.48 2.39 0.00 N | 46.46 2.61 0.00 N | 44.81 3.08 0.00 N | 46.82 3.66 0.00 N | 67.64 5.58 0.00 N | 65.42 5.90 0.00 N | 74.29 7.40 0.00 N | 92.00 9.38 0.00 N | 76.74 7.97 0.00 N | 78.40 7.77 0.00 N | 89.55 9.00 0.00 N | 157.46 16.13 0.00 N | 181.98 18.55 0.00 N | 93.07 9.59 0.00 N | 72.71 7.18 0.00 N | 67.61 6.76 0.00 N | 74.65 7.39 0.00 N | 60.49 5.34 0.00 N | 53.15 4.01 0.00 N | 55.51 3.37 0.00 N |
| HUNTER_MOUNT___DRP 323613 | 44.71 2.30 0.00 N | 42.70 2.18 0.00 N | 35.37 1.95 0.00 N | 36.12 1.69 0.00 N | 43.06 1.97 0.00 N | 45.96 2.11 0.00 N | 43.94 2.20 0.00 N | 45.89 2.73 0.00 N | 66.84 4.78 0.00 N | 65.06 5.54 0.00 N | 74.06 7.16 0.00 N | 91.94 9.32 0.00 N | 76.86 8.09 0.00 N | 78.88 8.25 0.00 N | 90.06 9.51 0.00 N | 158.28 16.96 0.00 N | 183.16 19.72 0.00 N | 93.57 10.10 0.00 N | 73.24 7.55 -1.37 N | 67.84 7.00 0.00 N | 74.94 7.67 0.00 N | 60.48 5.33 0.00 N | 52.96 3.82 0.00 N | 55.17 3.23 0.00 N |
| HUNTLEY___63 23557 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 -0.17 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N |
| HUNTLEY___64 23558 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 -0.17 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N |
| HUNTLEY___65 23559 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 -0.17 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N |
| HUNTLEY___66 23560 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 -0.17 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N |
| HUNTLEY___67 23561 | 40.32 -2.10 0.00 N | 38.21 -2.30 0.00 N | 31.77 -1.65 0.00 N | 32.65 -1.77 0.00 N | 38.67 -2.42 0.00 N | 41.48 -2.37 0.00 N | 39.91 -1.83 0.00 N | 41.40 -1.76 0.00 N | 58.08 -3.98 0.00 N | 55.18 -4.35 0.00 N | 62.23 -4.66 0.00 N | 76.80 -5.82 0.00 N | 63.54 -5.23 0.00 N | 65.18 -5.45 0.00 N | 73.80 -6.75 0.00 N | 129.29 -12.04 0.00 N | 150.47 -12.96 0.00 N | 75.89 -7.58 0.00 N | 58.11 -6.40 -0.18 N | 54.76 -6.08 0.00 N | 61.25 -6.01 0.00 N | 51.17 -3.99 0.00 N | 45.97 -3.16 0.00 N | 48.00 -3.94 0.00 N |
| HUNTLEY___68 23562 | 40.32 -2.10 0.00 N | 38.21 -2.30 0.00 N | 31.77 -1.65 0.00 N | 32.65 -1.77 0.00 N | 38.67 -2.42 0.00 N | 41.48 -2.37 0.00 N | 39.91 -1.83 0.00 N | 41.40 -1.76 0.00 N | 58.08 -3.98 0.00 N | 55.18 -4.35 0.00 N | 62.23 -4.66 0.00 N | 76.80 -5.82 0.00 N | 63.54 -5.23 0.00 N | 65.18 -5.45 0.00 N | 73.80 -6.75 0.00 N | 129.29 -12.04 0.00 N | 150.47 -12.96 0.00 N | 75.89 -7.58 0.00 N | 58.11 -6.40 -0.18 N | 54.76 -6.08 0.00 N | 61.25 -6.01 0.00 N | 51.17 -3.99 0.00 N | 45.97 -3.16 0.00 N | 48.00 -3.94 0.00 N |
| HYLAND___LFGE 323620 | 39.91 -2.50 0.00 N | 38.38 -2.14 0.00 N | 31.74 -1.68 0.00 N | 32.64 -1.79 0.00 N | 38.80 -2.30 0.00 N | 41.70 -2.14 0.00 N | 40.18 -1.55 0.00 N | 41.42 -1.74 0.00 N | 59.18 -2.87 0.00 N | 56.99 -2.54 0.00 N | 64.84 -2.05 0.00 N | 80.68 -1.93 0.00 N | 66.94 -1.82 0.00 N | 69.06 -1.57 0.00 N | 78.26 -2.29 0.00 N | 137.27 -4.06 0.00 N | 158.70 -4.73 0.00 N | 80.08 -3.40 0.00 N | 61.17 -3.34 -0.19 N | 57.66 -3.18 0.00 N | 64.31 -2.95 0.00 N | 52.87 -2.28 0.00 N | 47.08 -2.05 0.00 N | 51.94 0.00 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| INDECK___CORINTH 23802 | 42.80 0.38 0.00 N | 41.05 0.54 0.00 N | 33.71 0.29 0.00 N | 34.47 0.04 0.00 N | 41.42 0.32 0.00 N | 44.30 0.46 0.00 N | 42.72 0.98 0.00 N | 44.44 1.28 0.00 N | 65.02 2.97 0.00 N | 63.64 4.12 0.00 N | 72.26 5.37 0.00 N | 90.00 7.38 0.00 N | 74.86 6.09 0.00 N | 76.92 6.29 0.00 N | 87.62 7.07 0.00 N | 153.69 12.36 0.00 N | 177.84 14.41 0.00 N | 90.87 7.40 0.00 N | 71.82 5.91 -1.58 N | 66.17 5.33 0.00 N | 72.91 5.65 0.00 N | 58.63 3.47 0.00 N | 51.27 2.14 0.00 N | 53.07 1.13 0.00 N | |
| INDECK___ILION 23567 | 43.13 0.72 0.00 N | 41.26 0.74 0.00 N | 34.03 0.61 0.00 N | 34.93 0.50 0.00 N | 41.71 0.62 0.00 N | 44.57 0.73 0.00 N | 42.51 0.78 0.00 N | 44.29 1.13 0.00 N | 64.10 2.04 0.00 N | 61.94 2.42 0.00 N | 70.05 3.16 0.00 N | 86.73 4.11 0.00 N | 72.18 3.41 0.00 N | 74.17 3.54 0.00 N | 84.50 3.96 0.00 N | 148.51 7.18 0.00 N | 171.96 8.53 0.00 N | 87.80 4.32 0.00 N | 67.54 3.24 0.03 N | 64.10 3.25 0.00 N | 70.79 3.53 0.00 N | 57.46 2.31 0.00 N | 50.64 1.50 0.00 N | 52.97 1.03 0.00 N | |
| INDECK___OLEAN 23982 | 41.08 -1.33 0.00 N | 38.87 -1.65 0.00 N | 32.20 -1.23 0.00 N | 33.23 -1.20 0.00 N | 39.66 -1.43 0.00 N | 41.83 -2.02 0.00 N | 39.23 -2.51 0.00 N | 40.93 -2.23 0.00 N | 58.76 -3.29 0.00 N | 56.88 -2.65 0.00 N | 64.77 -2.12 0.00 N | 80.28 -2.34 0.00 N | 65.79 -2.98 0.00 N | 67.86 -2.77 0.00 N | 77.06 -3.48 0.00 N | 136.38 -4.95 0.00 N | 159.90 -3.54 0.00 N | 81.58 -1.89 0.00 N | 62.12 -2.41 -0.21 N | 59.07 -1.78 0.00 N | 65.39 -1.88 0.00 N | 53.45 -1.71 0.00 N | 48.69 -0.45 0.00 N | 50.90 -1.04 0.00 N | |
| INDECK___OSWEGO 23783 | 41.52 -0.89 0.00 N | 39.59 -0.93 0.00 N | 32.67 -0.75 0.00 N | 33.59 -0.84 0.00 N | 40.06 -1.03 0.00 N | 42.72 -1.13 0.00 N | 40.74 -0.99 0.00 N | 42.24 -0.92 0.00 N | 60.75 -1.31 0.00 N | 58.47 -1.06 0.00 N | 65.87 -1.02 0.00 N | 80.99 -1.62 0.00 N | 67.27 -1.50 0.00 N | 69.11 -1.52 0.00 N | 78.74 -1.80 0.00 N | 138.15 -3.18 0.00 N | 159.95 -3.47 0.00 N | 81.56 -1.91 0.00 N | 62.88 -1.54 -0.09 N | 59.68 -1.16 0.00 N | 66.33 -0.93 0.00 N | 54.40 -0.76 0.00 N | 48.18 -0.95 0.00 N | 50.79 -1.15 0.00 N | |
| INDECK___YERKES 23781 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 -0.17 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N | |
| INDIAN POINT___GT_1 24139 | 44.99 2.57 0.00 N | 42.98 2.46 0.00 N | 35.27 1.85 0.00 N | 36.10 1.67 0.00 N | 43.07 1.98 0.00 N | 46.00 2.16 0.00 N | 44.31 2.57 0.00 N | 46.21 3.05 0.00 N | 66.81 4.76 0.00 N | 64.72 5.19 0.00 N | 73.55 6.66 0.00 N | 91.12 8.50 0.00 N | 75.97 7.20 0.00 N | 77.68 7.05 0.00 N | 88.78 8.24 0.00 N | 156.12 14.79 0.00 N | 180.58 17.14 0.00 N | 92.33 8.86 0.00 N | 72.10 6.58 -1.19 N | 67.00 6.16 0.00 N | 74.03 6.77 0.00 N | 59.97 4.82 0.00 N | 52.68 3.55 0.00 N | 54.87 2.93 0.00 N | |
| INDIAN POINT___GT_2 23659 | 44.99 2.57 0.00 N | 42.98 2.46 0.00 N | 35.27 1.85 0.00 N | 36.10 1.67 0.00 N | 43.07 1.98 0.00 N | 46.00 2.16 0.00 N | 44.31 2.57 0.00 N | 46.21 3.05 0.00 N | 66.81 4.76 0.00 N | 64.72 5.19 0.00 N | 73.55 6.66 0.00 N | 91.12 8.50 0.00 N | 75.97 7.20 0.00 N | 77.68 7.05 0.00 N | 88.78 8.24 0.00 N | 156.12 14.79 0.00 N | 180.58 17.14 0.00 N | 92.33 8.86 0.00 N | 72.10 6.58 -1.19 N | 67.00 6.16 0.00 N | 74.03 6.77 0.00 N | 59.97 4.82 0.00 N | 52.68 3.55 0.00 N | 54.87 2.93 0.00 N | |
| INDIAN POINT___GT_3 24019 | 44.99 2.57 0.00 N | 42.98 2.46 0.00 N | 35.27 1.85 0.00 N | 36.10 1.67 0.00 N | 43.07 1.98 0.00 N | 46.00 2.16 0.00 N | 44.31 2.57 0.00 N | 46.21 3.05 0.00 N | 66.81 4.76 0.00 N | 64.72 5.19 0.00 N | 73.55 6.66 0.00 N | 91.12 8.50 0.00 N | 75.97 7.20 0.00 N | 77.68 7.05 0.00 N | 88.78 8.24 0.00 N | 156.12 14.79 0.00 N | 180.58 17.14 0.00 N | 92.33 8.86 0.00 N | 72.10 6.58 -1.19 N | 67.00 6.16 0.00 N | 74.03 6.77 0.00 N | 59.97 4.82 0.00 N | 52.68 3.55 0.00 N | 54.87 2.93 0.00 N | |
| INDIAN POINT___2 23530 | 44.89 2.48 0.00 N | 42.87 2.35 0.00 N | 35.18 1.76 0.00 N | 36.02 1.59 0.00 N | 42.98 1.89 0.00 N | 45.88 2.04 0.00 N | 44.19 2.45 0.00 N | 46.08 2.93 0.00 N | 66.63 4.57 0.00 N | 64.53 5.00 0.00 N | 73.31 6.42 0.00 N | 90.82 8.20 0.00 N | 75.72 6.95 0.00 N | 77.40 6.77 0.00 N | 88.48 7.93 0.00 N | 155.61 14.28 0.00 N | 179.94 16.51 0.00 N | 92.04 8.57 0.00 N | 71.86 6.36 -1.18 N | 66.78 5.94 0.00 N | 73.81 6.54 0.00 N | 59.80 4.65 0.00 N | 52.55 3.41 0.00 N | 54.75 2.81 0.00 N | |
| INDIAN POINT___3 23531 | 44.80 2.39 0.00 N | 42.79 2.28 0.00 N | 35.14 1.72 0.00 N | 35.96 1.54 0.00 N | 42.91 1.81 0.00 N | 45.80 1.96 0.00 N | 44.11 2.38 0.00 N | 45.99 2.83 0.00 N | 66.50 4.44 0.00 N | 64.41 4.89 0.00 N | 73.17 6.27 0.00 N | 90.65 8.03 0.00 N | 75.58 6.81 0.00 N | 77.26 6.63 0.00 N | 88.32 7.77 0.00 N | 155.29 13.96 0.00 N | 179.61 16.18 0.00 N | 91.86 8.39 0.00 N | 71.74 6.22 -1.20 N | 66.66 5.81 0.00 N | 73.66 6.39 0.00 N | 59.66 4.50 0.00 N | 52.44 3.30 0.00 N | 54.64 2.70 0.00 N | |
| IP CORINTH___1 23988 | 42.88 0.47 0.00 N | 41.13 0.61 0.00 N | 33.76 0.33 0.00 N | 34.51 0.09 0.00 N | 41.47 0.38 0.00 N | 44.34 0.49 0.00 N | 42.74 1.01 0.00 N | 44.47 1.31 0.00 N | 65.04 2.98 0.00 N | 63.66 4.13 0.00 N | 72.26 5.37 0.00 N | 89.99 7.37 0.00 N | 74.86 6.09 0.00 N | 76.92 6.29 0.00 N | 87.62 7.07 0.00 N | 153.72 12.39 0.00 N | 177.85 14.42 0.00 N | 90.91 7.44 0.00 N | 71.85 5.94 -1.58 N | 66.23 5.38 0.00 N | 72.94 5.68 0.00 N | 58.68 3.52 0.00 N | 51.34 2.20 0.00 N | 53.17 1.23 0.00 N | |
| IP___TICONDEROGA 23804 | 45.97 3.56 0.00 N | 44.28 3.76 0.00 N | 36.41 2.99 0.00 N | 37.21 2.78 0.00 N | 44.80 3.71 0.00 N | 47.94 4.09 0.00 N | 46.62 4.89 0.00 N | 48.65 5.49 0.00 N | 71.46 9.41 0.00 N | 70.18 10.65 0.00 N | 79.70 12.80 0.00 N | 99.24 16.62 0.00 N | 82.09 13.32 0.00 N | 83.99 13.36 0.00 N | 95.56 15.01 0.00 N | 167.67 26.34 0.00 N | 193.96 30.53 0.00 N | 98.77 15.30 0.00 N | 77.55 11.70 -1.53 N | 71.78 10.94 0.00 N | 79.04 11.77 0.00 N | 63.09 7.94 0.00 N | 54.94 5.81 0.00 N | 56.68 4.74 0.00 N | |
| JARVIS____ 23743 | 42.47 0.05 0.00 N | 40.60 0.08 0.00 N | 33.49 0.07 0.00 N | 34.44 0.01 0.00 N | 41.13 0.04 0.00 N | 43.86 0.02 0.00 N | 41.79 0.05 0.00 N | 43.32 0.16 0.00 N | 62.43 0.37 0.00 N | 60.01 0.49 0.00 N | 67.63 0.74 0.00 N | 83.53 0.91 0.00 N | 69.58 0.81 0.00 N | 71.45 0.82 0.00 N | 81.48 0.93 0.00 N | 143.03 1.70 0.00 N | 165.43 2.00 0.00 N | 84.56 1.09 0.00 N | 65.10 0.80 0.03 N | 61.58 0.74 0.00 N | 68.08 0.82 0.00 N | 55.64 0.49 0.00 N | 49.39 0.26 0.00 N | 52.04 0.10 0.00 N | |
| JENNISON___1 | 43.65 | 41.65 | 34.37 | 35.38 | 42.22 | 45.14 | 43.31 | 45.32 | 65.44 | 63.20 | 71.83 | 89.40 | 74.21 | 76.51 | 86.90 | 152.77 | 177.59 | 90.15 | 69.35 | 65.38 | 72.67 | 59.07 | 51.66 | 53.78 | |

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| 23625 | 1.24 0.00 N | 1.13 0.00 N | 0.95 0.00 N | 0.95 0.00 N | 1.13 0.00 N | 1.30 0.00 N | 1.58 0.00 N | 2.16 0.00 N | 3.39 0.00 N | 3.68 0.00 N | 4.94 0.00 N | 6.78 0.00 N | 5.44 0.00 N | 5.87 0.00 N | 6.35 0.00 N | 11.45 0.00 N | 14.16 0.00 N | 6.67 0.00 N | 4.61 -0.41 N | 4.54 0.00 N | 5.41 0.00 N | 3.92 0.00 N | 2.53 0.00 N | 1.84 0.00 N |
| JENNISON____ 23626 | 43.58 1.17 0.00 N | 41.58 1.06 0.00 N | 34.34 0.91 0.00 N | 35.32 0.89 0.00 N | 42.15 1.06 0.00 N | 45.06 1.22 0.00 N | 43.23 1.50 0.00 N | 45.24 2.08 0.00 N | 65.31 3.26 0.00 N | 63.08 3.55 0.00 N | 71.67 4.79 0.00 N | 89.16 6.54 0.00 N | 74.03 5.26 0.00 N | 76.30 5.67 0.00 N | 86.68 6.14 0.00 N | 152.38 11.05 0.00 N | 177.13 13.70 0.00 N | 89.95 6.47 0.00 N | 69.20 4.47 -0.41 N | 65.23 4.38 0.00 N | 72.52 5.25 0.00 N | 58.96 3.80 0.00 N | 51.57 2.44 0.00 N | 53.70 1.76 0.00 N |
| KEDC_PORT_JEFF_GT2 24210 | 46.65 4.22 -0.02 N | 44.55 4.03 0.00 N | 36.57 3.13 -0.01 N | 37.18 2.75 0.00 N | 44.26 3.17 0.00 N | 47.26 3.42 0.00 N | 45.92 4.19 0.00 N | 48.26 5.10 0.00 N | 150.01 7.68 -80.28 N | 67.68 7.59 -0.56 N | 126.86 9.31 -50.66 N | 114.34 12.07 -19.65 N | 77.98 9.14 -0.07 N | 86.45 9.44 -6.38 N | 90.87 10.32 0.00 N | 159.78 18.45 0.00 N | 183.07 19.64 0.00 N | 93.44 9.97 0.00 N | 73.07 7.54 -1.20 N | 68.05 7.21 0.00 N | 74.92 7.66 0.00 N | 61.44 6.28 0.00 N | 116.83 5.36 -62.33 N | 133.86 5.14 -76.78 N |
| KEDC_PORT_JEFF_GT3 24211 | 46.65 4.22 -0.02 N | 44.55 4.03 0.00 N | 36.57 3.13 -0.01 N | 37.18 2.75 0.00 N | 44.26 3.17 0.00 N | 47.26 3.42 0.00 N | 45.92 4.19 0.00 N | 48.26 5.10 0.00 N | 150.01 7.68 -80.28 N | 67.68 7.59 -0.56 N | 126.86 9.31 -50.66 N | 114.34 12.07 -19.65 N | 77.98 9.14 -0.07 N | 86.45 9.44 -6.38 N | 90.87 10.32 0.00 N | 159.78 18.45 0.00 N | 183.07 19.64 0.00 N | 93.44 9.97 0.00 N | 73.07 7.54 -1.20 N | 68.05 7.21 0.00 N | 74.92 7.66 0.00 N | 61.44 6.28 0.00 N | 116.83 5.36 -62.33 N | 133.86 5.14 -76.78 N |
| KEDC_GLWD_GT4 24219 | 45.85 3.36 -0.08 N | 43.74 3.19 -0.03 N | 35.97 2.45 -0.09 N | 36.60 2.18 0.00 N | 43.64 2.55 0.00 N | 46.56 2.71 0.00 N | 44.93 3.20 0.00 N | 46.99 3.83 0.00 N | 148.19 5.86 -80.28 N | 66.30 6.22 -0.56 N | 125.18 7.63 -50.66 N | 111.92 9.65 -19.65 N | 76.74 7.90 -0.07 N | 84.92 7.91 -6.38 N | 89.77 9.22 0.00 N | 157.91 16.58 0.00 N | 182.36 18.93 0.00 N | 93.13 9.65 0.00 N | 72.77 7.24 -1.20 N | 67.61 6.77 0.00 N | 74.59 7.33 0.00 N | 60.51 5.36 0.00 N | 115.69 4.22 -62.33 N | 132.56 3.83 -76.78 N |
| KEDC_GLWD_GT5 24220 | 45.85 3.36 -0.08 N | 43.74 3.19 -0.03 N | 35.97 2.45 -0.09 N | 36.60 2.18 0.00 N | 43.64 2.55 0.00 N | 46.56 2.71 0.00 N | 44.93 3.20 0.00 N | 46.99 3.83 0.00 N | 148.19 5.86 -80.28 N | 66.30 6.22 -0.56 N | 125.18 7.63 -50.66 N | 111.92 9.65 -19.65 N | 76.74 7.90 -0.07 N | 84.92 7.91 -6.38 N | 89.77 9.22 0.00 N | 157.91 16.58 0.00 N | 182.36 18.93 0.00 N | 93.13 9.65 0.00 N | 72.77 7.24 -1.20 N | 67.61 6.77 0.00 N | 74.59 7.33 0.00 N | 60.51 5.36 0.00 N | 115.69 4.22 -62.33 N | 132.56 3.83 -76.78 N |
| KENSICO____ 23655 | 45.18 2.76 0.00 N | 43.16 2.64 0.00 N | 35.44 2.01 0.00 N | 36.26 1.83 0.00 N | 43.25 2.16 0.00 N | 46.18 2.34 0.00 N | 44.49 2.76 0.00 N | 46.42 3.27 0.00 N | 67.12 5.07 0.00 N | 65.01 5.48 0.00 N | 73.87 6.99 0.00 N | 91.53 8.92 0.00 N | 76.32 7.55 0.00 N | 78.04 7.40 0.00 N | 89.16 8.61 0.00 N | 156.75 15.42 0.00 N | 181.26 17.83 0.00 N | 92.67 9.20 0.00 N | 72.38 6.85 -1.20 N | 67.26 6.42 0.00 N | 74.30 7.04 0.00 N | 60.17 5.02 0.00 N | 52.87 3.73 0.00 N | 55.07 3.13 0.00 N |
| KIAC_JFK_GT1 23816 | 45.79 3.38 0.00 N | 43.74 3.22 0.00 N | 35.87 2.44 0.00 N | 36.67 2.25 0.00 N | 43.70 2.61 0.00 N | 46.69 2.85 0.00 N | 45.11 3.38 0.00 N | 47.21 3.96 -0.09 N | 67.96 5.91 0.00 N | 65.65 6.13 0.00 N | 74.46 7.56 0.00 N | 92.21 9.59 0.00 N | 76.94 8.17 0.00 N | 78.61 7.98 0.00 N | 89.81 9.27 0.00 N | 157.98 16.65 0.00 N | 182.48 19.05 0.00 N | 93.39 9.92 0.00 N | 72.98 7.46 -1.20 N | 67.90 7.05 0.00 N | 74.98 7.71 0.00 N | 60.80 5.65 0.00 N | 53.49 4.36 0.00 N | 55.61 3.67 0.00 N |
| KIAC_JFK_GT2 23817 | 45.79 3.38 0.00 N | 43.74 3.22 0.00 N | 35.87 2.44 0.00 N | 36.67 2.25 0.00 N | 43.70 2.61 0.00 N | 46.69 2.85 0.00 N | 45.11 3.38 0.00 N | 47.21 3.96 -0.09 N | 67.96 5.91 0.00 N | 65.65 6.13 0.00 N | 74.46 7.56 0.00 N | 92.21 9.59 0.00 N | 76.94 8.17 0.00 N | 78.61 7.98 0.00 N | 89.81 9.27 0.00 N | 157.98 16.65 0.00 N | 182.48 19.05 0.00 N | 93.39 9.92 0.00 N | 72.98 7.46 -1.20 N | 67.90 7.05 0.00 N | 74.98 7.71 0.00 N | 60.80 5.65 0.00 N | 53.49 4.36 0.00 N | 55.61 3.67 0.00 N |
| KINTIGH____ 23543 | 40.04 -2.37 0.00 N | 37.98 -2.53 0.00 N | 31.54 -1.88 0.00 N | 32.39 -2.04 0.00 N | 38.40 -2.70 0.00 N | 41.22 -2.62 0.00 N | 39.62 -2.12 0.00 N | 40.99 -2.17 0.00 N | 57.72 -4.34 0.00 N | 54.91 -4.62 0.00 N | 61.87 -5.02 0.00 N | 76.32 -6.30 0.00 N | 63.29 -5.48 0.00 N | 64.87 -5.76 0.00 N | 73.55 -7.00 0.00 N | 128.68 -12.66 0.00 N | 149.31 -14.12 0.00 N | 75.58 -7.89 0.00 N | 58.07 -6.40 -0.15 N | 54.63 -6.22 0.00 N | 60.98 -6.28 0.00 N | 50.84 -4.32 0.00 N | 45.68 -3.46 0.00 N | 47.90 -4.04 0.00 N |
| LEDERLE____ 23769 | 45.45 3.03 0.00 N | 43.38 2.86 0.00 N | 35.58 2.16 0.00 N | 36.44 2.01 0.00 N | 43.46 2.36 0.00 N | 46.40 2.56 0.00 N | 44.71 2.97 0.00 N | 46.62 3.46 0.00 N | 67.43 5.38 0.00 N | 65.35 5.83 0.00 N | 74.34 7.45 0.00 N | 92.17 9.56 0.00 N | 76.88 8.12 0.00 N | 78.63 8.00 0.00 N | 89.97 9.42 0.00 N | 158.34 17.01 0.00 N | 183.33 19.90 0.00 N | 93.70 10.23 0.00 N | 73.06 7.57 -1.17 N | 67.88 7.04 0.00 N | 75.06 7.79 0.00 N | 60.78 5.62 0.00 N | 53.36 4.22 0.00 N | 55.52 3.58 0.00 N |
| LINDEN COGEN____ 23786 | 45.24 2.84 0.00 N | 43.25 2.73 0.00 N | 35.48 2.05 0.00 N | 36.28 1.85 0.00 N | 43.28 2.19 0.00 N | 46.25 2.41 0.00 N | 44.60 2.86 0.00 N | 46.64 3.48 0.00 N | 67.38 5.33 0.00 N | 65.19 5.67 0.00 N | 74.05 7.16 0.00 N | 75.77 9.01 15.85 N | 74.63 7.66 1.80 N | 74.80 7.44 3.27 N | 89.16 8.63 0.01 N | 156.78 15.47 0.01 N | 178.44 17.81 2.81 N | 92.69 9.22 0.00 N | 72.41 6.88 -1.20 N | 67.37 6.53 0.00 N | 74.44 7.17 0.00 N | 60.36 5.21 0.00 N | 52.99 3.86 0.00 N | 55.16 3.22 0.00 N |
| LIPA_MISC_IPP 23656 | 46.64 4.21 -0.02 N | 44.47 3.95 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.67 0.00 N | 44.17 3.08 0.00 N | 47.19 3.35 0.00 N | 45.83 4.10 0.00 N | 48.17 5.02 0.00 N | 150.06 7.73 -80.28 N | 68.17 8.08 -0.56 N | 127.35 9.80 -50.66 N | 114.93 12.66 -19.65 N | 77.91 9.08 -0.07 N | 86.39 9.38 -6.38 N | 90.91 10.36 0.00 N | 159.47 18.14 0.00 N | 182.81 19.38 0.00 N | 93.19 9.72 0.00 N | 72.86 7.32 -1.20 N | 67.79 6.95 0.00 N | 74.70 7.44 0.00 N | 61.40 6.24 0.00 N | 116.92 5.46 -62.33 N | 134.00 5.28 -76.78 N |
| LITTLE FALLS____HYD 24013 | 43.86 1.44 0.00 N | 42.06 1.54 0.00 N | 34.67 1.25 0.00 N | 35.47 1.05 0.00 N | 42.39 1.29 0.00 N | 45.24 1.40 0.00 N | 43.29 1.55 0.00 N | 45.42 2.26 0.00 N | 66.06 4.01 0.00 N | 64.25 4.73 0.00 N | 73.03 6.14 0.00 N | 90.62 8.00 0.00 N | 75.40 6.63 0.00 N | 77.60 6.97 0.00 N | 88.36 7.81 0.00 N | 155.54 14.21 0.00 N | 180.28 16.85 0.00 N | 91.95 8.48 0.00 N | 70.65 6.35 0.03 N | 67.32 6.48 0.00 N | 74.25 6.99 0.00 N | 59.75 4.60 0.00 N | 52.16 3.02 0.00 N | 54.04 2.10 0.00 N |

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| LI_NEWBRDGE___DRP 323616 | 45.80 3.39 0.00 N | 43.75 3.24 0.00 N | 35.91 2.49 0.00 N | 36.58 2.15 0.00 N | 43.58 2.49 0.00 N | 46.55 2.71 0.00 N | 45.03 3.29 0.00 N | 47.12 3.96 0.00 N | 148.50 6.17 -80.28 N | 66.62 6.53 -0.56 N | 125.58 8.04 -50.66 N | 112.47 10.20 -19.65 N | 77.09 8.25 -0.07 N | 85.39 8.38 -6.38 N | 90.04 9.48 0.00 N | 157.93 16.60 0.00 N | 181.85 18.42 0.00 N | 92.89 9.42 0.00 N | 72.71 7.18 -1.20 N | 67.55 6.71 0.00 N | 74.53 7.26 0.00 N | 60.59 5.44 0.00 N | 115.72 4.25 -62.33 N | 132.59 3.87 -76.78 N |
| LONG_LAKE_PHOENIX 24014 | 41.78 -0.63 0.00 N | 39.83 -0.69 0.00 N | 32.85 -0.57 0.00 N | 33.78 -0.65 0.00 N | 40.28 -0.81 0.00 N | 42.98 -0.86 0.00 N | 41.02 -0.72 0.00 N | 42.55 -0.61 0.00 N | 61.22 0.00 0.00 N | 58.95 -0.58 0.00 N | 66.54 -0.36 0.00 N | 82.21 -0.41 0.00 N | 68.41 -0.35 0.00 N | 70.32 -0.31 0.00 N | 80.13 -0.42 0.00 N | 140.58 -0.75 0.00 N | 162.85 -0.58 0.00 N | 82.96 -0.51 0.00 N | 63.86 -0.55 0.00 N | 60.32 -0.52 0.00 N | 66.92 -0.34 0.00 N | 54.83 -0.33 0.00 N | 48.51 -0.63 0.00 N | 51.08 -0.86 0.00 N |
| LOVETT___3 23632 | 44.54 2.13 0.00 N | 42.55 2.04 0.00 N | 34.94 1.52 0.00 N | 35.78 1.35 0.00 N | 42.66 1.57 0.00 N | 45.54 1.69 0.00 N | 43.86 2.12 0.00 N | 45.68 2.53 0.00 N | 66.01 3.96 0.00 N | 63.94 4.41 0.00 N | 72.62 5.73 0.00 N | 89.92 7.30 0.00 N | 74.95 6.18 0.00 N | 76.56 5.93 0.00 N | 87.54 7.00 0.00 N | 153.96 12.63 0.00 N | 178.11 14.68 0.00 N | 91.11 7.65 0.00 N | 71.15 5.65 -1.17 N | 66.11 5.27 0.00 N | 73.09 5.83 0.00 N | 59.26 4.10 0.00 N | 52.11 2.98 0.00 N | 54.31 2.37 0.00 N |
| LOVETT___4 23642 | 44.89 2.48 0.00 N | 42.88 2.36 0.00 N | 35.21 1.78 0.00 N | 36.05 1.62 0.00 N | 42.99 1.90 0.00 N | 45.88 2.04 0.00 N | 44.20 2.46 0.00 N | 46.05 2.90 0.00 N | 66.56 4.51 0.00 N | 64.47 4.94 0.00 N | 73.26 6.37 0.00 N | 90.77 8.15 0.00 N | 75.68 6.91 0.00 N | 77.33 6.70 0.00 N | 88.44 7.89 0.00 N | 155.59 14.26 0.00 N | 179.96 16.53 0.00 N | 92.05 8.58 0.00 N | 71.85 6.36 -1.17 N | 66.76 5.92 0.00 N | 73.81 6.54 0.00 N | 59.82 4.66 0.00 N | 52.58 3.45 0.00 N | 54.76 2.83 0.00 N |
| LOVETT___5 23593 | 44.89 2.48 0.00 N | 42.88 2.36 0.00 N | 35.21 1.78 0.00 N | 36.05 1.62 0.00 N | 42.99 1.90 0.00 N | 45.88 2.04 0.00 N | 44.20 2.46 0.00 N | 46.05 2.90 0.00 N | 66.56 4.51 0.00 N | 64.47 4.94 0.00 N | 73.26 6.37 0.00 N | 90.77 8.15 0.00 N | 75.68 6.91 0.00 N | 77.33 6.70 0.00 N | 88.44 7.89 0.00 N | 155.59 14.26 0.00 N | 179.96 16.53 0.00 N | 92.05 8.58 0.00 N | 71.85 6.36 -1.17 N | 66.76 5.92 0.00 N | 73.81 6.54 0.00 N | 59.82 4.66 0.00 N | 52.58 3.45 0.00 N | 54.76 2.83 0.00 N |
| LOWER_RAQUET___HYD 24057 | 42.81 0.40 0.00 N | 40.78 0.26 0.00 N | 33.84 0.41 0.00 N | 35.06 0.63 0.00 N | 41.92 0.82 0.00 N | 44.89 1.05 0.00 N | 42.42 0.68 0.00 N | 43.82 0.66 0.00 N | 61.64 -0.42 0.00 N | 58.17 -1.35 0.00 N | 64.22 -2.67 0.00 N | 78.55 -4.07 0.00 N | 65.21 -3.56 0.00 N | 67.56 -3.07 0.00 N | 76.08 -4.47 0.00 N | 133.21 -8.11 0.00 N | 153.44 -9.99 0.00 N | 78.35 -5.12 0.00 N | 60.63 -3.70 0.00 N | 58.37 -2.48 0.00 N | 63.76 -3.50 0.00 N | 53.31 -1.85 0.00 N | 49.17 0.04 0.00 N | 52.63 0.69 0.00 N |
| LOWER___HUDSON 24059 | 43.46 1.04 0.00 N | 41.69 1.17 0.00 N | 34.30 0.88 0.00 N | 35.07 0.65 0.00 N | 42.02 0.93 0.00 N | 44.84 1.00 0.00 N | 43.12 1.39 0.00 N | 44.95 1.79 0.00 N | 65.37 3.31 0.00 N | 63.68 4.16 0.00 N | 72.17 5.28 0.00 N | 89.59 6.97 0.00 N | 74.81 6.04 0.00 N | 76.76 6.13 0.00 N | 87.59 7.04 0.00 N | 153.78 12.44 0.00 N | 177.95 14.52 0.00 N | 91.00 7.53 0.00 N | 71.64 5.77 -1.54 N | 66.13 5.29 0.00 N | 72.88 5.62 0.00 N | 58.69 3.54 0.00 N | 51.48 2.35 0.00 N | 53.53 1.59 0.00 N |
| LWR___OSWEGATCHIE_HYD 23850 | 43.13 0.72 0.00 N | 41.07 0.56 0.00 N | 33.98 0.56 0.00 N | 35.10 0.67 0.00 N | 41.96 0.87 0.00 N | 44.97 1.12 0.00 N | 42.72 0.98 0.00 N | 44.50 1.34 0.00 N | 63.50 1.45 0.00 N | 60.26 0.74 0.00 N | 66.77 -0.12 0.00 N | 81.83 -0.79 0.00 N | 67.92 -0.85 0.00 N | 70.07 -0.56 0.00 N | 79.13 -1.42 0.00 N | 138.72 -2.61 0.00 N | 160.22 -3.21 0.00 N | 81.68 -1.79 0.00 N | 63.01 -1.32 0.00 N | 60.31 -0.54 0.00 N | 66.46 -0.81 0.00 N | 55.43 0.27 0.00 N | 50.08 0.94 0.00 N | 53.07 1.13 0.00 N |
| LYONS_FALL_HYD 23570 | 43.26 0.84 0.00 N | 41.22 0.70 0.00 N | 33.99 0.56 0.00 N | 35.00 0.57 0.00 N | 41.80 0.71 0.00 N | 44.74 0.90 0.00 N | 42.73 1.00 0.00 N | 44.63 1.47 0.00 N | 64.42 2.36 0.00 N | 61.73 2.21 0.00 N | 69.20 2.31 0.00 N | 85.47 2.86 0.00 N | 71.17 2.40 0.00 N | 73.23 2.59 0.00 N | 83.16 2.61 0.00 N | 145.95 4.63 0.00 N | 168.93 5.50 0.00 N | 86.06 2.59 0.00 N | 66.17 1.85 0.00 N | 62.75 1.91 0.00 N | 69.50 2.24 0.00 N | 57.20 2.05 0.00 N | 50.67 1.53 0.00 N | 53.21 1.27 0.00 N |
| MADISON___COUNTY_LFGE 323628 | 42.70 0.29 0.00 N | 40.71 0.19 0.00 N | 33.56 0.14 0.00 N | 34.51 0.09 0.00 N | 41.19 0.10 0.00 N | 44.04 0.19 0.00 N | 42.10 0.37 0.00 N | 43.84 0.69 0.00 N | 63.28 1.22 0.00 N | 60.97 1.45 0.00 N | 68.97 2.07 0.00 N | 85.46 2.84 0.00 N | 71.16 2.39 0.00 N | 73.17 2.54 0.00 N | 83.29 2.75 0.00 N | 146.23 4.91 0.00 N | 169.43 6.00 0.00 N | 86.23 2.76 0.00 N | 66.24 1.88 -0.04 N | 62.63 1.78 0.00 N | 69.46 2.20 0.00 N | 56.80 1.64 0.00 N | 50.10 0.96 0.00 N | 52.51 0.57 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | 42.09 -0.33 0.00 N | 40.06 -0.45 0.00 N | 33.01 -0.42 0.00 N | 33.97 -0.45 0.00 N | 40.64 -0.45 0.00 N | 43.41 -0.44 0.00 N | 41.29 -0.44 0.00 N | 42.59 -0.57 0.00 N | 61.38 -0.68 0.00 N | 58.91 -0.62 0.00 N | 66.13 -0.76 0.00 N | 81.67 -0.94 0.00 N | 68.06 -0.71 0.00 N | 69.86 -0.77 0.00 N | 79.82 -0.72 0.00 N | 139.83 -1.50 0.00 N | 161.56 -1.87 0.00 N | 82.60 -0.87 0.00 N | 63.84 -0.41 0.07 N | 60.41 -0.43 0.00 N | 66.54 -0.72 0.00 N | 54.57 -0.58 0.00 N | 48.80 -0.34 0.00 N | 51.71 -0.23 0.00 N |
| MAPLE_RIDGE_WT_2 323611 | 42.09 -0.33 0.00 N | 40.06 -0.45 0.00 N | 33.01 -0.42 0.00 N | 33.97 -0.45 0.00 N | 40.64 -0.45 0.00 N | 43.41 -0.44 0.00 N | 41.29 -0.44 0.00 N | 42.59 -0.57 0.00 N | 61.38 -0.68 0.00 N | 58.91 -0.62 0.00 N | 66.13 -0.76 0.00 N | 81.67 -0.94 0.00 N | 68.06 -0.71 0.00 N | 69.86 -0.77 0.00 N | 79.82 -0.72 0.00 N | 139.83 -1.50 0.00 N | 161.56 -1.87 0.00 N | 82.60 -0.87 0.00 N | 63.84 -0.41 0.07 N | 60.41 -0.43 0.00 N | 66.54 -0.72 0.00 N | 54.57 -0.58 0.00 N | 48.80 -0.34 0.00 N | 51.71 -0.23 0.00 N |
| MG_INDUSTRY___DRP 24185 | 42.90 0.49 0.00 N | 41.15 0.63 0.00 N | 33.93 0.50 0.00 N | 34.76 0.34 0.00 N | 41.55 0.46 0.00 N | 44.28 0.44 0.00 N | 42.21 0.48 0.00 N | 43.91 0.75 0.00 N | 63.53 1.47 0.00 N | 61.55 2.02 0.00 N | 69.63 2.74 0.00 N | 86.09 3.47 0.00 N | 71.75 2.98 0.00 N | 73.47 2.84 0.00 N | 83.89 3.34 0.00 N | 147.32 5.99 0.00 N | 170.37 6.94 0.00 N | 87.18 3.70 0.00 N | 68.74 2.90 -1.51 N | 63.51 2.67 0.00 N | 70.12 2.86 0.00 N | 56.83 1.68 0.00 N | 50.09 0.95 0.00 N | 52.39 0.45 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 43.13 0.72 0.00 N | 41.07 0.56 0.00 N | 33.98 0.56 0.00 N | 35.10 0.67 0.00 N | 41.96 0.87 0.00 N | 44.97 1.12 0.00 N | 42.72 0.98 0.00 N | 44.50 1.34 0.00 N | 63.50 1.45 0.00 N | 60.26 0.74 0.00 N | 66.77 -0.12 0.00 N | 81.83 -0.79 0.00 N | 67.92 -0.85 0.00 N | 70.07 -0.56 0.00 N | 79.13 -1.42 0.00 N | 138.72 -2.61 0.00 N | 160.22 -3.21 0.00 N | 81.68 -1.79 0.00 N | 63.01 -1.32 0.00 N | 60.31 -0.54 0.00 N | 66.46 -0.81 0.00 N | 55.43 0.27 0.00 N | 50.08 0.94 0.00 N | 53.07 1.13 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|---|
| MID___RAQUETTE_HYD 23851 | 42.81 0.40 0.00 N | 40.78 0.26 0.00 N | 33.84 0.41 0.00 N | 35.06 0.63 0.00 N | 41.92 0.82 0.00 N | 44.89 1.05 0.00 N | 42.42 0.68 0.00 N | 43.82 0.66 0.00 N | 61.64 -0.42 0.00 N | 58.17 -1.35 0.00 N | 64.22 -2.67 0.00 N | 78.55 -4.07 0.00 N | 65.21 -3.56 0.00 N | 67.56 -3.07 0.00 N | 76.08 -4.47 0.00 N | 133.21 -8.11 0.00 N | 153.44 -9.99 0.00 N | 78.35 -5.12 0.00 N | 60.63 -3.70 0.00 N | 58.37 -2.48 0.00 N | 63.76 -3.50 0.00 N | 53.31 -1.85 0.00 N | 49.17 0.04 0.00 N | 52.63 0.69 0.00 N | |
| MILLIKEN___1 23584 | 40.20 -2.21 0.00 N | 38.32 -2.20 0.00 N | 31.78 -1.65 0.00 N | 32.62 -1.81 0.00 N | 38.75 -2.34 0.00 N | 41.41 -2.43 0.00 N | 39.67 -2.06 0.00 N | 41.26 -1.90 0.00 N | 59.44 -2.61 0.00 N | 57.33 -2.20 0.00 N | 64.93 -1.97 0.00 N | 80.57 -2.05 0.00 N | 67.04 -1.73 0.00 N | 69.02 -1.61 0.00 N | 78.57 -1.98 0.00 N | 137.97 -3.37 0.00 N | 160.01 -3.42 0.00 N | 81.32 -2.15 0.00 N | 62.52 -2.02 -0.21 N | 58.91 -1.93 0.00 N | 66.38 -0.88 0.00 N | 55.25 0.10 0.00 N | 48.56 -0.57 0.00 N | 50.86 -1.08 0.00 N | |
| MILLIKEN___2 23585 | 40.20 -2.21 0.00 N | 38.32 -2.20 0.00 N | 31.78 -1.65 0.00 N | 32.62 -1.81 0.00 N | 38.75 -2.34 0.00 N | 41.41 -2.43 0.00 N | 39.67 -2.06 0.00 N | 41.26 -1.90 0.00 N | 59.44 -2.61 0.00 N | 57.33 -2.20 0.00 N | 64.93 -1.97 0.00 N | 80.57 -2.05 0.00 N | 67.04 -1.73 0.00 N | 69.02 -1.61 0.00 N | 78.57 -1.98 0.00 N | 137.97 -3.37 0.00 N | 160.01 -3.42 0.00 N | 81.32 -2.15 0.00 N | 62.52 -2.02 -0.21 N | 58.91 -1.93 0.00 N | 66.38 -0.88 0.00 N | 55.25 0.10 0.00 N | 48.56 -0.57 0.00 N | 50.86 -1.08 0.00 N | |
| MILLIKEN___DIESEL 23629 | 40.20 -2.21 0.00 N | 38.32 -2.20 0.00 N | 31.78 -1.65 0.00 N | 32.62 -1.81 0.00 N | 38.75 -2.34 0.00 N | 41.41 -2.43 0.00 N | 39.67 -2.06 0.00 N | 41.26 -1.90 0.00 N | 59.44 -2.61 0.00 N | 57.33 -2.20 0.00 N | 64.93 -1.97 0.00 N | 80.57 -2.05 0.00 N | 67.04 -1.73 0.00 N | 69.02 -1.61 0.00 N | 78.57 -1.98 0.00 N | 137.97 -3.37 0.00 N | 160.01 -3.42 0.00 N | 81.32 -2.15 0.00 N | 62.52 -2.02 -0.21 N | 58.91 -1.93 0.00 N | 66.38 -0.88 0.00 N | 55.25 0.10 0.00 N | 48.56 -0.57 0.00 N | 50.86 -1.08 0.00 N | |
| MILLSEAT___LFGE 323607 | 41.15 -1.26 0.00 N | 38.93 -1.59 0.00 N | 32.29 -1.13 0.00 N | 33.15 -1.28 0.00 N | 39.31 -1.79 0.00 N | 42.29 -1.55 0.00 N | 40.80 -0.94 0.00 N | 42.40 -0.76 0.00 N | 59.66 -2.40 0.00 N | 56.92 -2.60 0.00 N | 64.42 -2.47 0.00 N | 79.74 -2.87 0.00 N | 66.11 -2.67 0.00 N | 67.85 -2.78 0.00 N | 76.81 -3.74 0.00 N | 134.43 -6.89 0.00 N | 156.20 -7.24 0.00 N | 78.79 -4.68 0.00 N | 60.32 -4.17 -0.16 N | 56.74 -4.11 0.00 N | 63.44 -3.82 0.00 N | 52.82 -2.34 0.00 N | 47.30 -1.84 0.00 N | 49.21 -2.73 0.00 N | |
| MODEL_CITY_ENERGY 24167 | 40.65 -1.76 0.00 N | 38.51 -2.01 0.00 N | 31.99 -1.44 0.00 N | 32.86 -1.57 0.00 N | 38.93 -2.17 0.00 N | 41.84 -2.00 0.00 N | 40.30 -1.43 0.00 N | 41.74 -1.43 0.00 N | 58.39 -3.67 0.00 N | 55.39 -4.13 0.00 N | 62.44 -4.46 0.00 N | 77.01 -5.60 0.00 N | 63.75 -5.01 0.00 N | 65.29 -5.34 0.00 N | 73.93 -6.62 0.00 N | 129.38 -11.95 0.00 N | 150.43 -13.00 0.00 N | 75.88 -7.59 0.00 N | 58.17 -6.32 -0.17 N | 54.76 -6.09 0.00 N | 61.27 -6.00 0.00 N | 51.30 -3.85 0.00 N | 46.24 -2.90 0.00 N | 48.30 -3.64 0.00 N | |
| MODERN_LFGE___ 323580 | 40.65 -1.76 0.00 N | 38.51 -2.01 0.00 N | 31.99 -1.44 0.00 N | 32.86 -1.57 0.00 N | 38.93 -2.17 0.00 N | 41.84 -2.00 0.00 N | 40.30 -1.43 0.00 N | 41.74 -1.43 0.00 N | 58.39 -3.67 0.00 N | 55.39 -4.13 0.00 N | 62.44 -4.46 0.00 N | 77.01 -5.60 0.00 N | 63.75 -5.01 0.00 N | 65.29 -5.34 0.00 N | 73.93 -6.62 0.00 N | 129.38 -11.95 0.00 N | 150.43 -13.00 0.00 N | 75.88 -7.59 0.00 N | 58.17 -6.32 -0.17 N | 54.76 -6.09 0.00 N | 61.27 -6.00 0.00 N | 51.30 -3.85 0.00 N | 46.24 -2.90 0.00 N | 48.30 -3.64 0.00 N | |
| MOHAWK_PAPER___DRP 24187 | 43.21 0.79 0.00 N | 41.42 0.90 0.00 N | 34.11 0.69 0.00 N | 34.90 0.47 0.00 N | 41.76 0.67 0.00 N | 44.54 0.70 0.00 N | 42.73 0.99 0.00 N | 44.51 1.35 0.00 N | 64.63 2.58 0.00 N | 62.85 3.32 0.00 N | 71.18 4.29 0.00 N | 88.24 5.63 0.00 N | 73.70 4.93 0.00 N | 75.62 4.99 0.00 N | 86.32 5.77 0.00 N | 151.55 10.22 0.00 N | 175.41 11.98 0.00 N | 89.70 6.23 0.00 N | 70.62 4.74 -1.55 N | 65.18 4.34 0.00 N | 71.89 4.62 0.00 N | 58.02 2.86 0.00 N | 50.99 1.86 0.00 N | 53.12 1.18 0.00 N | |
| MONGAUP___HYD 23641 | 45.46 3.05 0.00 N | 43.40 2.88 0.00 N | 35.68 2.26 0.00 N | 36.58 2.16 0.00 N | 43.67 2.58 0.00 N | 46.64 2.80 0.00 N | 44.82 3.09 0.00 N | 46.75 3.59 0.00 N | 67.59 5.53 0.00 N | 65.48 5.95 0.00 N | 74.43 7.54 0.00 N | 92.37 9.75 0.00 N | 77.05 8.28 0.00 N | 78.86 8.23 0.00 N | 90.01 9.46 0.00 N | 158.29 16.96 0.00 N | 183.16 19.73 0.00 N | 93.64 10.17 0.00 N | 73.00 7.57 -1.11 N | 67.93 7.09 0.00 N | 75.13 7.87 0.00 N | 60.89 5.74 0.00 N | 53.42 4.28 0.00 N | 55.71 3.77 0.00 N | |
| MONTAUK___DIESEL 23721 | 50.91 8.48 -0.02 N | 48.25 7.73 0.00 N | 39.48 6.04 -0.01 N | 40.16 5.73 0.00 N | 47.81 6.72 0.00 N | 51.28 7.44 0.00 N | 50.00 8.27 0.00 N | 52.81 9.65 0.00 N | 157.31 14.98 -80.28 N | 75.55 15.46 -0.56 N | 135.53 17.98 -50.66 N | 125.29 23.02 -19.65 N | 86.62 17.79 -0.07 N | 95.49 18.49 -6.38 N | 101.73 21.18 0.00 N | 178.14 36.81 0.00 N | 204.42 40.99 0.00 N | 103.31 19.84 0.00 N | 79.88 14.35 -1.20 N | 74.43 13.59 0.00 N | 82.31 15.04 0.00 N | 67.16 12.00 0.00 N | 122.37 10.91 -62.33 N | 139.87 11.14 -76.78 N | |
| MUNSVILLE_WIND_PWR 323609 | 44.01 1.60 0.00 N | 41.94 1.42 0.00 N | 34.65 1.22 0.00 N | 35.66 1.24 0.00 N | 42.62 1.53 0.00 N | 45.68 1.84 0.00 N | 43.98 2.24 0.00 N | 46.10 2.94 0.00 N | 66.75 4.69 0.00 N | 64.57 5.05 0.00 N | 73.38 6.49 0.00 N | 91.21 8.60 0.00 N | 75.55 6.78 0.00 N | 77.92 7.29 0.00 N | 88.50 7.96 0.00 N | 155.34 14.01 0.00 N | 181.14 17.71 0.00 N | 92.07 8.60 0.00 N | 70.72 6.04 -0.35 N | 66.70 5.86 0.00 N | 74.52 7.25 0.00 N | 60.62 5.47 0.00 N | 52.80 3.66 0.00 N | 54.85 2.91 0.00 N | |
| N SALMON___HYD 24042 | 43.31 0.90 0.00 N | 41.14 0.62 0.00 N | 33.90 0.48 0.00 N | 35.10 0.67 0.00 N | 42.03 0.94 0.00 N | 45.00 1.15 0.00 N | 42.85 1.11 0.00 N | 44.14 0.98 0.00 N | 62.77 0.71 0.00 N | 59.66 0.14 0.00 N | 66.29 -0.60 0.00 N | 81.50 -1.12 0.00 N | 67.72 -1.05 0.00 N | 69.89 -0.74 0.00 N | 79.50 -1.05 0.00 N | 139.39 -1.94 0.00 N | 160.61 -2.83 0.00 N | 81.90 -1.57 0.00 N | 63.30 -1.03 0.00 N | 60.26 -0.58 0.00 N | 66.35 -0.91 0.00 N | 54.95 -0.20 0.00 N | 49.88 0.74 0.00 N | 53.45 1.51 0.00 N | |
| N.E._GEN_SANDY PD 24062 | 43.78 1.36 0.00 N | 42.00 1.48 0.00 N | 36.31 1.22 0.72 N | 35.35 0.92 0.00 N | 42.31 1.22 0.00 N | 45.13 1.29 0.00 N | 43.41 1.67 0.00 N | 45.20 2.04 0.00 N | 49.00 2.52 0.73 N | 65.00 4.24 -5.78 N | 72.32 5.43 0.00 N | 89.74 7.12 0.00 N | 74.81 6.04 0.00 N | 76.59 5.96 0.00 N | 99.43 7.06 -15.50 N | 250.00 7.17 -156.89 N | 119.12 8.31 -11.05 N | 90.81 7.33 0.00 N | 90.00 6.92 -4.80 N | 66.05 5.21 0.00 N | 72.81 5.54 0.00 N | 58.71 3.56 0.00 N | 51.60 2.46 0.00 N | 44.83 1.48 2.63 N | |
| NARROWS_GT1_1 | 95.43 | 51.39 | 42.95 | 36.79 | 43.89 | 46.89 | 50.39 | 57.93 | 79.94 | 68.75 | 93.06 | 277.59 | 106.83 | 80.25 | 89.84 | 157.82 | 184.93 | 104.58 | 117.02 | 124.74 | 115.41 | 124.71 | 119.14 | 108.98 | |

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|------------------------|--|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 24228 | | 3.40 -49.62 N | 3.28 -7.60 N | 2.53 -7.00 N | 2.37 0.00 N | 2.80 0.00 N | 3.04 -0.01 N | 3.46 -5.20 N | 4.03 -10.74 N | 5.95 -11.93 N | 6.23 -2.99 N | 7.87 -18.30 N | 9.91 -185.06 N | 8.38 -29.68 N | 8.15 -1.46 N | 9.29 0.00 N | 16.49 0.00 N | 19.11 -2.39 N | 9.91 -11.20 N | 7.46 -45.23 N | 6.96 -56.94 N | 7.59 -40.56 N | 5.47 -64.09 N | 4.17 -65.83 N | 3.66 -53.38 N |
| NARROWS_GT1_2 24229 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_3 24230 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_4 24231 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_5 24232 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_6 24233 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_7 24234 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT1_8 24235 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_1 24236 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_2 24237 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_3 24238 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_4 24239 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_5 24240 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |
| NARROWS_GT2_6 24241 | | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 -40.56 N | 124.71 -64.09 N | 119.14 -65.83 N | 108.98 -53.38 N |

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|-------------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| NARROWS_GT2_7 24242 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| NARROWS_GT2_8 24243 | 95.43 3.40 -49.62 N | 51.39 3.28 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.75 6.23 -2.99 N | 93.06 7.87 -18.30 N | 277.59 9.91 -185.06 N | 106.83 8.38 -29.68 N | 80.25 8.15 -1.46 N | 89.84 9.29 0.00 N | 157.82 16.49 0.00 N | 184.93 19.11 -2.39 N | 104.58 9.91 -11.20 N | 117.02 7.46 -45.23 N | 124.74 6.96 -56.94 N | 115.41 7.59 -40.56 N | 124.71 5.47 -64.09 N | 119.14 4.17 -65.83 N | 108.98 3.66 -53.38 N |
| NEG CAPITAL___MECHNVIL 23645 | 43.81 1.40 0.00 N | 42.03 1.51 0.00 N | 34.57 1.15 0.00 N | 35.34 0.91 0.00 N | 42.37 1.28 0.00 N | 45.23 1.39 0.00 N | 43.57 1.83 0.00 N | 45.40 2.25 0.00 N | 66.08 4.02 0.00 N | 64.43 4.91 0.00 N | 73.12 6.23 0.00 N | 90.83 8.22 0.00 N | 75.80 7.03 0.00 N | 77.83 7.20 0.00 N | 88.77 8.22 0.00 N | 155.86 14.53 0.00 N | 180.46 17.02 0.00 N | 92.28 8.80 0.00 N | 72.61 6.74 -1.54 N | 67.00 6.16 0.00 N | 73.86 6.59 0.00 N | 59.45 4.30 0.00 N | 52.09 2.95 0.00 N | 54.04 2.10 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 40.95 -1.46 0.00 N | 38.87 -1.65 0.00 N | 32.13 -1.29 0.00 N | 33.01 -1.42 0.00 N | 39.24 -1.85 0.00 N | 42.06 -1.79 0.00 N | 40.40 -1.34 0.00 N | 41.95 -1.21 0.00 N | 59.86 -2.20 0.00 N | 57.43 -2.09 0.00 N | 64.99 -1.90 0.00 N | 80.48 -2.14 0.00 N | 66.98 -1.79 0.00 N | 68.87 -1.76 0.00 N | 78.21 -2.34 0.00 N | 136.97 -4.36 0.00 N | 158.72 -4.71 0.00 N | 80.51 -2.96 0.00 N | 61.86 -2.60 -0.13 N | 58.23 -2.61 0.00 N | 64.78 -2.49 0.00 N | 53.41 -1.75 0.00 N | 47.44 -1.69 0.00 N | 49.69 -2.25 0.00 N |
| NEG CENTRAL___DRP 24199 | 41.51 -0.90 0.00 N | 39.48 -1.03 0.00 N | 32.68 -0.74 0.00 N | 33.68 -0.74 0.00 N | 40.00 -1.10 0.00 N | 42.70 -1.14 0.00 N | 41.00 -0.74 0.00 N | 42.68 -0.48 0.00 N | 61.25 -0.80 0.00 N | 59.03 -0.50 0.00 N | 66.98 0.08 0.00 N | 83.22 0.60 0.00 N | 69.17 0.40 0.00 N | 71.31 0.68 0.00 N | 81.05 0.50 0.00 N | 142.38 1.05 0.00 N | 165.41 1.98 0.00 N | 83.84 0.37 0.00 N | 64.26 -0.21 -0.14 N | 60.67 -0.17 0.00 N | 67.48 0.21 0.00 N | 55.31 0.16 0.00 N | 48.69 -0.44 0.00 N | 50.93 -1.00 0.00 N |
| NEG CENTRAL___INDECK 23768 | 41.04 -1.38 0.00 N | 39.16 -1.36 0.00 N | 32.40 -1.03 0.00 N | 33.32 -1.11 0.00 N | 39.60 -1.49 0.00 N | 42.54 -1.30 0.00 N | 41.04 -0.70 0.00 N | 42.57 -0.59 0.00 N | 60.75 -1.30 0.00 N | 58.47 -1.05 0.00 N | 66.47 -0.43 0.00 N | 82.71 0.09 0.00 N | 68.62 -0.15 0.00 N | 70.80 0.17 0.00 N | 80.23 -0.31 0.00 N | 140.83 -0.50 0.00 N | 163.43 0.00 0.00 N | 82.47 -1.01 0.00 N | 62.97 -1.54 -0.19 N | 59.40 -1.44 0.00 N | 66.21 -1.05 0.00 N | 54.41 -0.74 0.00 N | 48.20 -0.93 0.00 N | 51.70 -0.24 0.00 N |
| NEG CENTRAL___SENECA 23627 | 41.55 -0.87 0.00 N | 39.49 -1.03 0.00 N | 32.74 -0.68 0.00 N | 33.78 -0.65 0.00 N | 40.02 -1.07 0.00 N | 42.73 -1.11 0.00 N | 41.15 -0.59 0.00 N | 42.93 -0.22 0.00 N | 61.52 -0.54 0.00 N | 59.28 -0.24 0.00 N | 67.37 0.48 0.00 N | 83.92 1.30 0.00 N | 69.70 0.93 0.00 N | 71.97 1.34 0.00 N | 81.67 1.12 0.00 N | 143.55 2.21 0.00 N | 167.04 3.61 0.00 N | 84.45 0.97 0.00 N | 64.57 0.09 -0.16 N | 61.02 0.18 0.00 N | 67.88 0.61 0.00 N | 55.56 0.41 0.00 N | 48.82 -0.32 0.00 N | 50.88 -1.06 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 42.01 -0.40 0.00 N | 39.94 -0.58 0.00 N | 33.01 -0.42 0.00 N | 33.94 -0.49 0.00 N | 40.35 -0.74 0.00 N | 43.16 -0.68 0.00 N | 41.45 -0.28 0.00 N | 43.14 -0.01 0.00 N | 62.09 0.03 0.00 N | 59.96 0.43 0.00 N | 68.07 1.18 0.00 N | 84.64 2.03 0.00 N | 70.44 1.67 0.00 N | 72.63 2.00 0.00 N | 82.62 2.08 0.00 N | 145.12 3.79 0.00 N | 168.25 4.82 0.00 N | 85.40 1.93 0.00 N | 65.46 0.99 -0.14 N | 61.70 0.86 0.00 N | 68.88 1.62 0.00 N | 56.74 1.58 0.00 N | 49.88 0.74 0.00 N | 52.19 0.25 0.00 N |
| NEG MILLWOOD___DRP 24198 | 45.40 2.98 0.00 N | 43.33 2.82 0.00 N | 35.60 2.18 0.00 N | 36.43 2.00 0.00 N | 43.47 2.38 0.00 N | 46.38 2.54 0.00 N | 44.69 2.95 0.00 N | 46.59 3.43 0.00 N | 67.32 5.26 0.00 N | 65.29 5.77 0.00 N | 74.25 7.36 0.00 N | 92.12 9.50 0.00 N | 76.90 8.13 0.00 N | 78.75 8.12 0.00 N | 90.00 9.45 0.00 N | 158.21 16.88 0.00 N | 182.98 19.55 0.00 N | 93.52 10.05 0.00 N | 73.06 7.51 -1.23 N | 67.84 7.00 0.00 N | 74.94 7.68 0.00 N | 60.61 5.46 0.00 N | 53.18 4.04 0.00 N | 55.32 3.38 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 43.36 0.94 0.00 N | 41.20 0.68 0.00 N | 33.89 0.47 0.00 N | 35.06 0.63 0.00 N | 42.05 0.96 0.00 N | 45.02 1.18 0.00 N | 42.97 1.24 0.00 N | 44.24 1.08 0.00 N | 62.63 0.57 0.00 N | 59.74 0.22 0.00 N | 66.42 -0.47 0.00 N | 81.74 -0.87 0.00 N | 67.98 -0.79 0.00 N | 69.94 -0.69 0.00 N | 79.90 -0.65 0.00 N | 140.35 -0.97 0.00 N | 161.67 -1.76 0.00 N | 82.36 -1.11 0.00 N | 63.59 -0.73 0.00 N | 60.45 -0.39 0.00 N | 66.57 -0.69 0.00 N | 54.84 -0.32 0.00 N | 49.83 0.70 0.00 N | 53.54 1.60 0.00 N |
| NEG NORTH_KES_CHATAGAY 23792 | 42.53 0.12 0.00 N | 40.42 -0.09 0.00 N | 33.27 -0.15 0.00 N | 34.46 0.03 0.00 N | 41.26 0.17 0.00 N | 44.19 0.35 0.00 N | 42.10 0.37 0.00 N | 43.28 0.13 0.00 N | 61.58 -0.48 0.00 N | 58.58 -0.95 0.00 N | 65.10 -1.79 0.00 N | 80.06 -2.55 0.00 N | 66.59 -2.18 0.00 N | 68.62 -2.01 0.00 N | 78.28 -2.27 0.00 N | 137.25 -4.08 0.00 N | 158.16 -5.27 0.00 N | 80.69 -2.78 0.00 N | 62.39 -1.94 0.00 N | 59.23 -1.62 0.00 N | 65.24 -2.03 0.00 N | 53.94 -1.22 0.00 N | 48.86 -0.28 0.00 N | 52.47 0.53 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 43.46 1.05 0.00 N | 41.28 0.76 0.00 N | 33.95 0.53 0.00 N | 35.13 0.70 0.00 N | 42.11 1.03 0.00 N | 45.08 1.24 0.00 N | 43.05 1.32 0.00 N | 44.36 1.20 0.00 N | 62.93 0.88 0.00 N | 60.05 0.52 0.00 N | 66.80 -0.10 0.00 N | 82.23 -0.38 0.00 N | 68.38 -0.39 0.00 N | 70.38 -0.25 0.00 N | 80.39 -0.15 0.00 N | 141.21 -0.12 0.00 N | 162.70 -0.73 0.00 N | 82.89 -0.58 0.00 N | 64.00 -0.32 0.00 N | 60.84 0.00 0.00 N | 67.04 -0.22 0.00 N | 55.24 0.08 0.00 N | 50.05 0.91 0.00 N | 53.70 1.76 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 43.46 1.05 0.00 N | 41.28 0.76 0.00 N | 33.95 0.53 0.00 N | 35.13 0.70 0.00 N | 42.11 1.03 0.00 N | 45.08 1.24 0.00 N | 43.05 1.32 0.00 N | 44.36 1.20 0.00 N | 62.93 0.88 0.00 N | 60.05 0.52 0.00 N | 66.80 -0.10 0.00 N | 82.23 -0.38 0.00 N | 68.38 -0.39 0.00 N | 70.38 -0.25 0.00 N | 80.39 -0.15 0.00 N | 141.21 -0.12 0.00 N | 162.70 -0.73 0.00 N | 82.89 -0.58 0.00 N | 64.00 -0.32 0.00 N | 60.84 0.00 0.00 N | 67.04 -0.22 0.00 N | 55.24 0.08 0.00 N | 50.05 0.91 0.00 N | 53.70 1.76 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 43.46 1.05 0.00 N | 41.28 0.76 0.00 N | 33.95 0.53 0.00 N | 35.13 0.70 0.00 N | 42.11 1.03 0.00 N | 45.08 1.24 0.00 N | 43.05 1.32 0.00 N | 44.36 1.20 0.00 N | 62.93 0.88 0.00 N | 60.05 0.52 0.00 N | 66.80 -0.10 0.00 N | 82.23 -0.38 0.00 N | 68.38 -0.39 0.00 N | 70.38 -0.25 0.00 N | 80.39 -0.15 0.00 N | 141.21 -0.12 0.00 N | 162.70 -0.73 0.00 N | 82.89 -0.58 0.00 N | 64.00 -0.32 0.00 N | 60.84 0.00 0.00 N | 67.04 -0.22 0.00 N | 55.24 0.08 0.00 N | 50.05 0.91 0.00 N | 53.70 1.76 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| NEG WEST_LEA_LOCKPORT 23791 | 40.57 -1.84 0.00 N | 38.41 -2.11 0.00 N | 31.92 -1.51 0.00 N | 32.78 -1.64 0.00 N | 38.84 -2.25 0.00 N | 41.75 -2.10 0.00 N | 40.22 -1.51 0.00 N | 41.69 -1.47 0.00 N | 58.27 -3.79 0.00 N | 55.33 -4.20 0.00 N | 62.45 -4.45 0.00 N | 77.21 -5.41 0.00 N | 63.90 -4.86 0.00 N | 65.46 -5.17 0.00 N | 74.14 -6.41 0.00 N | 129.75 -11.58 0.00 N | 150.79 -12.64 0.00 N | 76.09 -7.38 0.00 N | 58.28 -6.21 0.00 N | 54.88 -5.96 0.00 N | 61.41 -5.86 0.00 N | 51.36 -3.79 0.00 N | 46.25 -2.88 0.00 N | 48.27 -3.67 0.00 N | |
| NEG WEST___LANCASTR 23811 | 39.95 -2.47 0.00 N | 37.86 -2.66 0.00 N | 31.35 -2.08 0.00 N | 32.35 -2.07 0.00 N | 38.36 -2.73 0.00 N | 41.09 -2.76 0.00 N | 39.59 -2.14 0.00 N | 41.42 -1.74 0.00 N | 58.63 -3.42 0.00 N | 56.05 -3.48 0.00 N | 63.57 -3.33 0.00 N | 79.11 -3.51 0.00 N | 65.37 -3.40 0.00 N | 67.52 -3.11 0.00 N | 76.37 -4.18 0.00 N | 134.43 -6.91 0.00 N | 157.27 -6.16 0.00 N | 79.06 -4.41 0.00 N | 60.12 -4.41 0.00 N | 56.95 -3.89 0.00 N | 63.48 -3.79 0.00 N | 52.28 -2.88 0.00 N | 46.25 -2.88 0.00 N | 48.00 -3.94 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 42.09 -0.32 0.00 N | 40.16 -0.36 0.00 N | 33.17 -0.26 0.00 N | 34.15 -0.28 0.00 N | 40.68 -0.42 0.00 N | 43.38 -0.46 0.00 N | 41.53 -0.20 0.00 N | 43.38 0.23 0.00 N | 62.43 0.37 0.00 N | 60.21 0.68 0.00 N | 68.27 1.38 0.00 N | 84.91 2.29 0.00 N | 70.48 1.72 0.00 N | 72.67 2.04 0.00 N | 82.61 2.06 0.00 N | 145.41 4.08 0.00 N | 169.26 5.83 0.00 N | 85.95 2.48 0.00 N | 66.09 1.37 0.00 N | 62.36 1.52 0.00 N | 69.09 1.83 0.00 N | 56.22 1.07 0.00 N | 49.36 0.22 0.00 N | 51.52 -0.41 0.00 N | |
| NEG___GEN_MONROE 24207 | 42.08 -0.34 0.00 N | 39.84 -0.68 0.00 N | 32.93 -0.49 0.00 N | 33.82 -0.61 0.00 N | 40.17 -0.92 0.00 N | 43.16 -0.68 0.00 N | 41.63 -0.10 0.00 N | 43.32 0.17 0.00 N | 61.65 -0.40 0.00 N | 59.09 -0.43 0.00 N | 66.98 0.09 0.00 N | 83.11 0.49 0.00 N | 69.12 0.36 0.00 N | 71.12 0.49 0.00 N | 80.62 0.07 0.00 N | 141.13 -0.20 0.00 N | 163.62 0.18 0.00 N | 82.77 -0.71 0.00 N | 63.43 -1.04 0.00 N | 59.67 -1.17 0.00 N | 66.48 -0.79 0.00 N | 54.91 -0.24 0.00 N | 48.79 -0.35 0.00 N | 50.87 -1.07 0.00 N | |
| NEPA___ENERGY 23901 | 38.57 -3.84 0.00 N | 36.64 -3.88 0.00 N | 30.28 -3.15 0.00 N | 31.46 -2.96 0.00 N | 37.36 -3.74 0.00 N | 39.78 -4.06 0.00 N | 38.23 -3.51 0.00 N | 40.33 -2.83 0.00 N | 57.45 -4.60 0.00 N | 55.11 -4.42 0.00 N | 62.73 -4.17 0.00 N | 78.70 -3.92 0.00 N | 64.70 -4.07 0.00 N | 67.17 -3.46 0.00 N | 75.64 -4.91 0.00 N | 133.97 -7.36 0.00 N | 157.80 -5.63 0.00 N | 79.07 -4.40 0.00 N | 59.75 -4.80 0.00 N | 57.16 -3.68 0.00 N | 63.59 -3.67 0.00 N | 51.76 -3.39 0.00 N | 45.14 -4.00 0.00 N | 46.74 -5.20 0.00 N | |
| NEVERSINK___HYD 23608 | 43.91 1.50 0.00 N | 42.04 1.52 0.00 N | 34.73 1.30 0.00 N | 35.74 1.32 0.00 N | 42.73 1.64 0.00 N | 45.64 1.80 0.00 N | 43.53 1.80 0.00 N | 45.07 1.91 0.00 N | 64.65 2.60 0.00 N | 62.05 2.53 0.00 N | 70.19 3.30 0.00 N | 86.89 4.28 0.00 N | 72.36 3.59 0.00 N | 74.18 3.55 0.00 N | 84.84 4.30 0.00 N | 149.20 7.87 0.00 N | 172.91 9.48 0.00 N | 88.92 5.45 0.00 N | 69.56 4.22 0.00 N | 64.92 4.08 0.00 N | 71.93 4.67 0.00 N | 58.36 3.21 0.00 N | 51.26 2.13 0.00 N | 53.60 1.66 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 43.13 0.72 0.00 N | 41.07 0.56 0.00 N | 33.98 0.56 0.00 N | 35.10 0.67 0.00 N | 41.96 0.87 0.00 N | 44.97 1.12 0.00 N | 42.72 0.98 0.00 N | 44.50 1.34 0.00 N | 63.50 1.45 0.00 N | 60.26 0.74 0.00 N | 66.77 -0.12 0.00 N | 81.83 -0.79 0.00 N | 67.92 -0.85 0.00 N | 70.07 -0.56 0.00 N | 79.13 -1.42 0.00 N | 138.72 -2.61 0.00 N | 160.22 -3.21 0.00 N | 81.68 -1.79 0.00 N | 63.01 -1.32 0.00 N | 60.31 -0.54 0.00 N | 66.46 -0.81 0.00 N | 55.43 0.27 0.00 N | 50.08 0.94 0.00 N | 53.07 1.13 0.00 N | |
| NIAGARA___ 23760 | 40.34 -2.07 0.00 N | 38.24 -2.28 0.00 N | 31.78 -1.64 0.00 N | 32.64 -1.79 0.00 N | 38.65 -2.44 0.00 N | 41.54 -2.31 0.00 N | 39.97 -1.77 0.00 N | 41.31 -1.84 0.00 N | 57.74 -4.32 0.00 N | 54.68 -4.84 0.00 N | 61.50 -5.39 0.00 N | 75.70 -6.91 0.00 N | 62.66 -6.11 0.00 N | 64.12 -6.52 0.00 N | 72.61 -7.94 0.00 N | 127.00 -14.32 0.00 N | 147.46 -15.97 0.00 N | 74.49 -8.98 0.00 N | 57.19 -7.31 0.00 N | 53.81 -7.04 0.00 N | 60.22 -7.04 0.00 N | 50.55 -4.61 0.00 N | 45.66 -3.47 0.00 N | 47.84 -4.10 0.00 N | |
| NINE_MILE_1 23575 | 41.14 -1.28 0.00 N | 39.25 -1.27 0.00 N | 32.39 -1.03 0.00 N | 33.31 -1.11 0.00 N | 39.72 -1.37 0.00 N | 42.34 -1.50 0.00 N | 40.34 -1.39 0.00 N | 41.82 -1.34 0.00 N | 60.09 -1.97 0.00 N | 57.78 -1.75 0.00 N | 65.14 -1.75 0.00 N | 80.48 -2.14 0.00 N | 67.01 -1.76 0.00 N | 68.81 -1.82 0.00 N | 78.40 -2.15 0.00 N | 137.55 -3.78 0.00 N | 159.19 -4.24 0.00 N | 81.18 -2.29 0.00 N | 62.54 -1.86 0.00 N | 59.04 -1.80 0.00 N | 65.43 -1.84 0.00 N | 53.66 -1.50 0.00 N | 47.63 -1.51 0.00 N | 50.29 -1.65 0.00 N | |
| NINE_MILE_2 23744 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.31 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.35 -1.50 0.00 N | 40.35 -1.38 0.00 N | 41.82 -1.34 0.00 N | 60.09 -1.96 0.00 N | 57.78 -1.75 0.00 N | 65.14 -1.75 0.00 N | 80.49 -2.13 0.00 N | 67.01 -1.76 0.00 N | 68.81 -1.82 0.00 N | 78.40 -2.15 0.00 N | 137.57 -3.76 0.00 N | 159.20 -4.23 0.00 N | 81.18 -2.29 0.00 N | 62.54 -1.85 0.00 N | 59.04 -1.80 0.00 N | 65.44 -1.83 0.00 N | 53.66 -1.50 0.00 N | 47.63 -1.51 0.00 N | 50.29 -1.64 0.00 N | |
| NM_CAPITAL___DRP 24208 | 42.79 0.37 0.00 N | 41.06 0.54 0.00 N | 33.82 0.40 0.00 N | 34.61 0.18 0.00 N | 41.40 0.31 0.00 N | 44.15 0.31 0.00 N | 42.33 0.59 0.00 N | 44.08 0.93 0.00 N | 63.98 1.92 0.00 N | 62.17 2.64 0.00 N | 70.38 3.49 0.00 N | 87.13 4.52 0.00 N | 72.76 3.99 0.00 N | 74.59 3.96 0.00 N | 85.12 4.57 0.00 N | 149.45 8.12 0.00 N | 172.87 9.44 0.00 N | 88.49 5.01 0.00 N | 69.70 3.83 0.00 N | 64.32 3.48 0.00 N | 70.93 3.67 0.00 N | 57.29 2.14 0.00 N | 50.41 1.27 0.00 N | 52.55 0.61 0.00 N | |
| NM_CENTRAL___DRP 24181 | 41.90 -0.51 0.00 N | 39.93 -0.58 0.00 N | 32.94 -0.49 0.00 N | 33.85 -0.57 0.00 N | 40.36 -0.73 0.00 N | 43.07 -0.77 0.00 N | 41.15 -0.58 0.00 N | 42.75 -0.41 0.00 N | 61.55 -0.51 0.00 N | 59.29 -0.23 0.00 N | 67.06 0.17 0.00 N | 82.91 0.29 0.00 N | 68.96 0.19 0.00 N | 70.89 0.26 0.00 N | 80.76 0.21 0.00 N | 141.72 0.39 0.00 N | 164.18 0.75 0.00 N | 83.58 0.11 0.00 N | 64.27 -0.15 0.00 N | 60.60 -0.24 0.00 N | 67.32 0.06 0.00 N | 55.21 0.06 0.00 N | 48.79 -0.35 0.00 N | 51.30 -0.64 0.00 N | |
| NM_FRONTIER___DRP 24179 | 40.58 -1.83 0.00 N | 38.46 -2.06 0.00 N | 31.98 -1.44 0.00 N | 32.84 -1.59 0.00 N | 38.89 -2.20 0.00 N | 41.79 -2.05 0.00 N | 40.24 -1.50 0.00 N | 41.61 -1.55 0.00 N | 58.11 -3.94 0.00 N | 55.01 -4.52 0.00 N | 61.89 -5.01 0.00 N | 76.14 -6.48 0.00 N | 63.03 -5.74 0.00 N | 64.49 -6.14 0.00 N | 73.01 -7.54 0.00 N | 127.73 -13.60 0.00 N | 148.39 -15.04 0.00 N | 74.91 -8.56 0.00 N | 57.48 -7.01 0.00 N | 54.09 -6.75 0.00 N | 60.57 -6.70 0.00 N | 50.85 -4.31 0.00 N | 45.98 -3.16 0.00 N | 48.12 -3.82 0.00 N | |
| NM_ST_REGIS___HYD | 42.98 | 40.92 | 33.89 | 35.11 | 42.00 | 44.98 | 42.58 | 43.94 | 61.94 | 58.52 | 64.69 | 79.23 | 65.79 | 68.11 | 76.90 | 134.74 | 155.20 | 79.21 | 61.28 | 58.84 | 64.39 | 53.72 | 49.38 | 52.88 | |

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| 24053 | 0.57 0.00 N | 0.40 0.00 N | 0.47 0.00 N | 0.68 0.00 N | 0.91 0.00 N | 1.14 0.00 N | 0.85 0.00 N | 0.78 0.00 N | -0.12 0.00 N | -1.01 0.00 N | -2.20 0.00 N | -3.39 0.00 N | -2.98 0.00 N | -2.52 0.00 N | -3.65 0.00 N | -6.59 0.00 N | -8.23 0.00 N | -4.26 0.00 N | -3.04 0.00 N | -2.00 0.00 N | -2.87 0.00 N | -1.43 0.00 N | 0.24 0.00 N | 0.94 0.00 N |
| NORTHPORT___1 23551 | 45.95 3.52 -0.01 N | 43.95 3.43 0.00 N | 36.10 2.66 -0.01 N | 36.74 2.32 0.00 N | 43.75 2.66 0.00 N | 46.72 2.88 0.00 N | 45.26 3.53 0.00 N | 47.42 4.26 0.00 N | 148.72 6.39 -80.28 N | 66.80 6.71 -0.56 N | 125.73 8.18 -50.66 N | 112.72 10.46 -19.65 N | 77.08 8.24 -0.07 N | 85.44 8.43 -6.38 N | 89.97 9.42 0.00 N | 157.78 16.45 0.00 N | 181.09 17.66 0.00 N | 92.44 8.96 0.00 N | 72.49 6.96 -1.20 N | 67.40 6.56 0.00 N | 74.22 6.96 0.00 N | 60.60 5.44 0.00 N | 115.88 4.41 -62.33 N | 132.87 4.15 -76.78 N |
| NORTHPORT___2 23552 | 45.95 3.52 -0.01 N | 43.95 3.43 0.00 N | 36.10 2.66 -0.01 N | 36.74 2.32 0.00 N | 43.75 2.66 0.00 N | 46.72 2.88 0.00 N | 45.26 3.53 0.00 N | 47.42 4.26 0.00 N | 148.72 6.39 -80.28 N | 66.80 6.71 -0.56 N | 125.73 8.18 -50.66 N | 112.72 10.46 -19.65 N | 77.08 8.24 -0.07 N | 85.44 8.43 -6.38 N | 89.97 9.42 0.00 N | 157.78 16.45 0.00 N | 181.09 17.66 0.00 N | 92.44 8.96 0.00 N | 72.49 6.96 -1.20 N | 67.40 6.56 0.00 N | 74.22 6.96 0.00 N | 60.60 5.44 0.00 N | 115.88 4.41 -62.33 N | 132.87 4.15 -76.78 N |
| NORTHPORT___3 23553 | 45.85 3.43 -0.01 N | 43.91 3.40 0.00 N | 36.07 2.63 -0.01 N | 36.69 2.26 0.00 N | 43.65 2.56 0.00 N | 46.60 2.76 0.00 N | 45.13 3.40 0.00 N | 47.15 3.99 0.00 N | 148.17 5.83 -80.28 N | 66.37 6.28 -0.56 N | 125.36 7.81 -50.66 N | 112.28 10.01 -19.65 N | 76.86 8.03 -0.07 N | 85.17 8.17 -6.38 N | 89.74 9.19 0.00 N | 157.50 16.17 0.00 N | 180.94 17.51 0.00 N | 92.37 8.90 0.00 N | 72.35 6.81 -1.20 N | 67.23 6.38 0.00 N | 74.10 6.84 0.00 N | 60.32 5.17 0.00 N | 115.62 4.15 -62.33 N | 132.66 3.94 -76.78 N |
| NORTHPORT___4 23650 | 45.85 3.43 -0.01 N | 43.91 3.40 0.00 N | 36.07 2.63 -0.01 N | 36.69 2.26 0.00 N | 43.65 2.56 0.00 N | 46.60 2.76 0.00 N | 45.13 3.40 0.00 N | 47.15 3.99 0.00 N | 148.17 5.83 -80.28 N | 66.37 6.28 -0.56 N | 125.36 7.81 -50.66 N | 112.28 10.01 -19.65 N | 76.86 8.03 -0.07 N | 85.17 8.17 -6.38 N | 89.74 9.19 0.00 N | 157.50 16.17 0.00 N | 180.94 17.51 0.00 N | 92.37 8.90 0.00 N | 72.35 6.81 -1.20 N | 67.23 6.38 0.00 N | 74.10 6.84 0.00 N | 60.32 5.17 0.00 N | 115.62 4.15 -62.33 N | 132.66 3.94 -76.78 N |
| NORTHPORT___IC 23718 | 45.95 3.52 -0.01 N | 43.95 3.43 0.00 N | 36.10 2.66 -0.01 N | 36.74 2.32 0.00 N | 43.75 2.66 0.00 N | 46.72 2.88 0.00 N | 45.26 3.53 0.00 N | 47.42 4.26 0.00 N | 148.72 6.39 -80.28 N | 66.80 6.71 -0.56 N | 125.73 8.18 -50.66 N | 112.72 10.46 -19.65 N | 77.08 8.24 -0.07 N | 85.44 8.43 -6.38 N | 89.97 9.42 0.00 N | 157.78 16.45 0.00 N | 181.09 17.66 0.00 N | 92.44 8.96 0.00 N | 72.49 6.96 -1.20 N | 67.40 6.56 0.00 N | 74.22 6.96 0.00 N | 60.60 5.44 0.00 N | 115.88 4.41 -62.33 N | 132.87 4.15 -76.78 N |
| NPX_GEN_1385_PROXY 323591 | 45.81 3.38 -0.01 N | 43.82 3.30 0.00 N | 37.86 2.76 0.71 N | 36.74 2.32 0.00 N | 43.75 2.66 0.00 N | 46.72 2.88 0.00 N | 45.26 3.53 0.00 N | 47.42 4.26 0.00 N | 54.28 4.75 -2.32 N | 66.80 6.71 -0.56 N | 125.69 8.14 -50.66 N | 112.10 9.83 -19.65 N | 76.34 7.51 -0.07 N | 84.73 7.72 -6.38 N | 89.14 8.59 0.00 N | 157.78 16.45 0.00 N | 181.03 17.60 0.00 N | 91.23 7.77 0.00 N | 72.24 6.71 -1.20 N | 67.26 6.41 0.00 N | 73.48 6.21 0.00 N | 60.22 5.06 0.00 N | 115.88 4.41 -62.33 N | 57.00 3.16 -7.86 N |
| NPX_GEN_CSC 323557 | 46.74 4.31 -0.02 N | 44.53 4.01 0.00 N | 38.26 3.16 0.71 N | 37.13 2.70 0.00 N | 44.20 3.11 0.00 N | 47.24 3.40 0.00 N | 45.89 4.15 0.00 N | 48.24 5.09 0.00 N | 55.37 5.84 -2.32 N | 68.31 8.22 -0.56 N | 127.54 9.99 -50.66 N | 115.21 12.95 -19.65 N | 77.54 8.70 -0.07 N | 86.05 9.04 -6.38 N | 90.55 10.00 0.00 N | 158.81 17.48 0.00 N | 182.02 18.59 0.00 N | 92.77 9.29 0.00 N | 72.51 6.98 -1.20 N | 67.46 6.62 0.00 N | 74.34 7.08 0.00 N | 61.36 6.21 0.00 N | 117.08 5.61 -62.33 N | 58.35 4.50 -7.86 N |
| NSINS_S_GLNS_FALLS 23858 | 43.47 1.06 0.00 N | 41.73 1.22 0.00 N | 34.27 0.84 0.00 N | 35.03 0.60 0.00 N | 42.10 1.00 0.00 N | 45.03 1.19 0.00 N | 43.45 1.71 0.00 N | 45.18 2.02 0.00 N | 66.05 3.99 0.00 N | 64.60 5.07 0.00 N | 73.32 6.43 0.00 N | 91.30 8.68 0.00 N | 75.97 7.20 0.00 N | 78.05 7.42 0.00 N | 88.90 8.35 0.00 N | 155.95 14.62 0.00 N | 180.43 17.00 0.00 N | 92.17 8.70 0.00 N | 72.73 6.83 -1.57 N | 67.07 6.23 0.00 N | 73.92 6.66 0.00 N | 59.46 4.30 0.00 N | 52.01 2.88 0.00 N | 53.86 1.92 0.00 N |
| NUCOR_STEEL___DRP 24197 | 41.61 -0.81 0.00 N | 39.57 -0.95 0.00 N | 32.71 -0.71 0.00 N | 33.62 -0.81 0.00 N | 39.98 -1.11 0.00 N | 42.77 -1.07 0.00 N | 41.04 -0.70 0.00 N | 42.69 -0.47 0.00 N | 61.42 -0.64 0.00 N | 59.22 -0.30 0.00 N | 67.16 0.27 0.00 N | 83.43 0.81 0.00 N | 69.43 0.66 0.00 N | 71.53 0.90 0.00 N | 81.39 0.84 0.00 N | 142.85 1.52 0.00 N | 165.70 2.27 0.00 N | 84.13 0.66 0.00 N | 64.54 0.07 -0.14 N | 60.83 -0.01 0.00 N | 67.97 0.70 0.00 N | 56.07 0.91 0.00 N | 49.35 0.21 0.00 N | 51.71 -0.24 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 42.41 0.00 0.00 N | 40.52 0.00 0.00 N | 33.42 0.00 0.00 N | 34.43 0.00 0.00 N | 41.09 0.00 0.00 N | 43.84 0.00 0.00 N | 41.73 0.00 0.00 N | 43.16 0.00 0.00 N | 62.05 0.00 0.00 N | 59.52 0.00 0.00 N | 66.89 0.00 0.00 N | 82.62 0.00 0.00 N | 68.77 0.00 0.00 N | 70.63 0.00 0.00 N | 80.55 0.00 0.00 N | 141.33 0.00 0.00 N | 163.43 0.00 0.00 N | 83.47 0.00 0.00 N | 64.33 0.00 0.00 N | 60.84 0.00 0.00 N | 67.27 0.00 0.00 N | 55.15 0.00 0.00 N | 49.13 0.00 0.00 N | 51.94 0.00 0.00 N |
| NYPA_BRENTWD___GT 24164 | 46.67 4.24 -0.02 N | 44.54 4.02 0.00 N | 36.55 3.11 -0.02 N | 37.17 2.74 0.00 N | 44.25 3.16 0.00 N | 47.27 3.42 0.00 N | 45.85 4.11 0.00 N | 48.09 4.93 0.00 N | 149.55 7.22 -80.28 N | 67.70 7.62 -0.56 N | 126.70 9.15 -50.66 N | 114.15 11.89 -19.65 N | 78.22 9.38 -0.07 N | 86.67 9.66 -6.38 N | 91.32 10.77 0.00 N | 160.19 18.86 0.00 N | 183.85 20.42 0.00 N | 93.76 10.29 0.00 N | 73.32 7.79 -1.20 N | 68.17 7.33 0.00 N | 75.13 7.86 0.00 N | 61.49 6.34 0.00 N | 116.65 5.18 -62.33 N | 133.81 5.09 -76.78 N |
| NYPA_GOWANUS___GT5 24156 | 95.41 3.38 -49.62 N | 51.39 3.27 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.74 6.22 -2.99 N | 93.04 7.86 -18.30 N | 277.57 9.90 -185.06 N | 106.80 8.36 -29.68 N | 80.21 8.12 -1.46 N | 89.81 9.27 0.00 N | 157.79 16.46 0.00 N | 184.91 19.09 -2.39 N | 104.57 9.89 -11.20 N | 116.99 7.44 -45.23 N | 124.73 6.94 -56.94 N | 115.40 7.58 -40.56 N | 124.70 5.46 -64.09 N | 119.12 4.16 -65.83 N | 108.97 3.65 -53.38 N |
| NYPA_GOWANUS___GT6 24157 | 95.41 3.38 -49.62 N | 51.39 3.27 -7.60 N | 42.95 2.53 -7.00 N | 36.79 2.37 0.00 N | 43.89 2.80 0.00 N | 46.89 3.04 -0.01 N | 50.39 3.46 -5.20 N | 57.93 4.03 -10.74 N | 79.94 5.95 -11.93 N | 68.74 6.22 -2.99 N | 93.04 7.86 -18.30 N | 277.57 9.90 -185.06 N | 106.80 8.36 -29.68 N | 80.21 8.12 -1.46 N | 89.81 9.27 0.00 N | 157.79 16.46 0.00 N | 184.91 19.09 -2.39 N | 104.57 9.89 -11.20 N | 116.99 7.44 -45.23 N | 124.73 6.94 -56.94 N | 115.40 7.58 -40.56 N | 124.70 5.46 -64.09 N | 119.12 4.16 -65.83 N | 108.97 3.65 -53.38 N |

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| NYPA_HARLEM__RVR_GT1 24160 | 45.48 3.06 -0.01 N | 43.47 2.95 -0.01 N | 35.65 2.22 -0.01 N | 36.48 2.05 0.00 N | 43.53 2.44 0.00 N | 46.47 2.63 0.00 N | 44.82 3.08 0.00 N | 46.89 3.65 -0.09 N | 67.42 5.36 0.00 N | 65.33 5.80 0.00 N | 74.19 7.30 0.00 N | 91.88 9.26 0.00 N | 76.66 7.89 0.00 N | 78.11 7.48 0.00 N | 89.24 8.70 0.00 N | 148.40 15.52 8.44 N | 164.94 17.89 16.38 N | 92.67 9.20 0.00 N | 72.49 6.96 -1.20 N | 67.33 6.49 0.00 N | 74.32 7.06 0.00 N | 60.26 5.11 0.00 N | 52.99 3.86 0.00 N | 55.16 3.22 0.00 N |
| NYPA_HARLEM__RVR_GT2 24161 | 45.48 3.06 -0.01 N | 43.47 2.95 -0.01 N | 35.65 2.22 -0.01 N | 36.48 2.05 0.00 N | 43.53 2.44 0.00 N | 46.47 2.63 0.00 N | 44.82 3.08 0.00 N | 46.89 3.65 -0.09 N | 67.42 5.36 0.00 N | 65.33 5.80 0.00 N | 74.19 7.30 0.00 N | 91.88 9.26 0.00 N | 76.66 7.89 0.00 N | 78.11 7.48 0.00 N | 89.24 8.70 0.00 N | 148.40 15.52 8.44 N | 164.94 17.89 16.38 N | 92.67 9.20 0.00 N | 72.49 6.96 -1.20 N | 67.33 6.49 0.00 N | 74.32 7.06 0.00 N | 60.26 5.11 0.00 N | 52.99 3.86 0.00 N | 55.16 3.22 0.00 N |
| NYPA_KENT____GT 24152 | 46.70 3.32 -0.98 N | 48.29 3.19 -4.59 N | 40.10 2.45 -4.23 N | 36.71 2.28 0.00 N | 43.78 2.69 0.00 N | 46.77 2.92 0.00 N | 48.24 3.36 -3.14 N | 53.59 3.92 -6.51 N | 75.04 5.78 -7.21 N | 67.41 6.08 -1.81 N | 86.01 7.66 -11.45 N | 184.16 9.64 -91.90 N | 60.41 8.14 16.50 N | 77.82 7.90 0.72 N | 89.61 9.06 0.00 N | 157.47 16.14 0.00 N | 180.64 18.66 1.45 N | 86.33 9.64 6.78 N | 63.51 7.25 8.07 N | 67.59 6.75 0.00 N | 71.82 7.37 2.81 N | 65.22 5.29 -4.77 N | 55.72 4.03 -2.55 N | 60.84 3.50 -5.40 N |
| NYPA_POUCH1____GT 24155 | 95.29 3.26 -49.62 N | 52.62 3.16 -8.94 N | 44.62 2.41 -8.79 N | 36.68 2.25 0.00 N | 43.76 2.67 0.00 N | 46.77 2.92 -0.01 N | 50.27 3.34 -5.20 N | 57.78 3.88 -10.74 N | 80.68 5.70 -12.92 N | 68.95 5.97 -3.46 N | 91.85 7.56 -17.40 N | 351.84 9.52 -259.70 N | 110.02 8.08 -33.18 N | 80.04 7.88 -1.53 N | 89.55 9.00 0.00 N | 157.35 16.02 0.00 N | 186.50 18.62 -4.44 N | 109.53 9.66 -16.40 N | 119.56 7.32 -47.91 N | 124.68 6.90 -56.94 N | 115.34 7.52 -40.56 N | 124.66 5.42 -64.09 N | 119.11 4.15 -65.83 N | 108.93 3.61 -53.38 N |
| NYPA_VERNON____GT2 24162 | 46.00 3.25 -0.34 N | 45.21 3.11 -1.58 N | 37.25 2.37 -1.46 N | 36.62 2.19 0.00 N | 43.68 2.58 0.00 N | 46.65 2.80 0.00 N | 46.06 3.25 -1.08 N | 49.24 3.80 -2.28 N | 70.14 5.61 -2.48 N | 66.06 5.91 -0.62 N | 77.94 7.47 -3.58 N | 123.63 9.44 -31.58 N | 71.08 7.98 5.67 N | 78.14 7.75 0.25 N | 89.47 8.93 0.00 N | 157.23 15.90 0.00 N | 181.30 18.37 0.50 N | 90.61 9.47 2.33 N | 69.45 7.11 1.98 N | 67.45 6.61 0.00 N | 73.51 7.21 0.97 N | 61.98 5.18 -1.64 N | 53.96 3.95 -0.88 N | 57.18 3.38 -1.85 N |
| NYPA_VERNON____GT3 24163 | 46.00 3.25 -0.34 N | 45.21 3.11 -1.58 N | 37.25 2.37 -1.46 N | 36.62 2.19 0.00 N | 43.68 2.58 0.00 N | 46.65 2.80 0.00 N | 46.06 3.25 -1.08 N | 49.24 3.80 -2.28 N | 70.14 5.61 -2.48 N | 66.06 5.91 -0.62 N | 77.94 7.47 -3.58 N | 123.63 9.44 -31.58 N | 71.08 7.98 5.67 N | 78.14 7.75 0.25 N | 89.47 8.93 0.00 N | 157.23 15.90 0.00 N | 181.30 18.37 0.50 N | 90.61 9.47 2.33 N | 69.45 7.11 1.98 N | 67.45 6.61 0.00 N | 73.51 7.21 0.97 N | 61.98 5.18 -1.64 N | 53.96 3.95 -0.88 N | 57.18 3.38 -1.85 N |
| NYPA__ASTORIA_CC1 323568 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N |
| NYPA__ASTORIA_CC2 323569 | 45.61 3.19 -0.01 N | 43.59 3.06 -0.01 N | 35.77 2.34 -0.01 N | 36.58 2.15 0.00 N | 43.63 2.54 0.00 N | 46.59 2.75 0.00 N | 44.93 3.19 0.00 N | 46.99 3.74 -0.09 N | 67.53 5.48 0.00 N | 65.29 5.77 0.00 N | 74.17 7.28 0.00 N | 91.85 9.24 0.00 N | 76.61 7.84 0.00 N | 78.22 7.58 0.00 N | 89.29 8.74 0.00 N | 156.93 15.60 0.00 N | 181.41 17.97 0.00 N | 92.72 9.25 0.00 N | 72.47 6.94 -1.20 N | 67.30 6.46 0.00 N | 74.30 7.03 0.00 N | 60.19 5.03 0.00 N | 52.98 3.85 0.00 N | 55.21 3.27 0.00 N |
| NYPA__HOLTSVILL 23794 | 46.34 3.91 -0.02 N | 44.25 3.73 0.00 N | 36.31 2.87 -0.01 N | 36.93 2.51 0.00 N | 43.98 2.88 0.00 N | 46.97 3.13 0.00 N | 45.58 3.85 0.00 N | 47.85 4.69 0.00 N | 149.50 7.17 -80.28 N | 67.57 7.48 -0.56 N | 126.66 9.11 -50.66 N | 114.02 11.75 -19.65 N | 77.73 8.89 -0.07 N | 86.13 9.13 -6.38 N | 90.60 10.05 0.00 N | 158.98 17.65 0.00 N | 182.36 18.92 0.00 N | 93.01 9.54 0.00 N | 72.79 7.26 -1.20 N | 67.74 6.90 0.00 N | 74.63 7.36 0.00 N | 61.11 5.95 0.00 N | 116.48 5.01 -62.33 N | 133.47 4.75 -76.78 N |
| NYPA____HELLGATE_GT1 24158 | 45.48 3.06 -0.01 N | 43.47 2.95 -0.01 N | 35.65 2.22 -0.01 N | 36.48 2.05 0.00 N | 43.53 2.44 0.00 N | 46.47 2.63 0.00 N | 44.82 3.08 0.00 N | 46.89 3.65 -0.09 N | 67.42 5.36 0.00 N | 65.33 5.80 0.00 N | 74.19 7.30 0.00 N | 91.88 9.26 0.00 N | 76.66 7.89 0.00 N | 78.11 7.48 0.01 N | 89.24 8.70 0.00 N | 145.27 15.52 11.58 N | 176.89 17.89 4.43 N | 92.68 9.20 0.00 N | 72.52 6.99 -1.20 N | 67.33 6.49 0.00 N | 74.32 7.06 0.00 N | 60.26 5.11 0.00 N | 52.99 3.86 0.00 N | 55.16 3.22 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 45.48 3.06 -0.01 N | 43.47 2.95 -0.01 N | 35.65 2.22 -0.01 N | 36.48 2.05 0.00 N | 43.53 2.44 0.00 N | 46.47 2.63 0.00 N | 44.82 3.08 0.00 N | 46.89 3.65 -0.09 N | 67.42 5.36 0.00 N | 65.33 5.80 0.00 N | 74.19 7.30 0.00 N | 91.88 9.26 0.00 N | 76.66 7.89 0.00 N | 78.11 7.48 0.01 N | 89.24 8.70 0.00 N | 145.27 15.52 11.58 N | 176.89 17.89 4.43 N | 92.68 9.20 0.00 N | 72.52 6.99 -1.20 N | 67.33 6.49 0.00 N | 74.32 7.06 0.00 N | 60.26 5.11 0.00 N | 52.99 3.86 0.00 N | 55.16 3.22 0.00 N |
| NYS_BARGE____HYD 23848 | 40.78 -1.64 0.00 N | 38.61 -1.91 0.00 N | 32.06 -1.37 0.00 N | 32.93 -1.49 0.00 N | 39.01 -2.08 0.00 N | 41.94 -1.91 0.00 N | 40.42 -1.31 0.00 N | 41.91 -1.25 0.00 N | 58.67 -3.38 0.00 N | 55.74 -3.79 0.00 N | 62.92 -3.97 0.00 N | 77.75 -4.87 0.00 N | 64.35 -4.42 0.00 N | 65.95 -4.68 0.00 N | 74.66 -5.89 0.00 N | 130.73 -10.60 0.00 N | 151.90 -11.53 0.00 N | 76.62 -6.85 0.00 N | 58.69 -5.81 -0.16 N | 55.27 -5.57 0.00 N | 61.83 -5.44 0.00 N | 51.69 -3.46 0.00 N | 46.53 -2.61 0.00 N | 48.54 -3.40 0.00 N |
| O.H._GEN_BRUCE 24063 | 40.34 -2.08 0.00 N | 38.23 -2.29 0.00 N | 32.72 -2.38 0.72 N | 32.63 -1.80 0.00 N | 38.65 -2.44 0.00 N | 41.52 -2.32 0.00 N | 39.97 -1.77 0.00 N | 41.31 -1.85 0.00 N | 45.03 -2.79 -0.60 N | 54.74 -4.79 0.00 N | 61.57 -5.32 0.00 N | 75.81 -6.81 0.00 N | 62.74 -6.02 0.00 N | 64.21 -6.42 0.00 N | 72.72 -7.83 0.00 N | 127.16 -14.17 0.00 N | 147.64 -15.79 0.00 N | 74.60 -8.87 0.00 N | 57.26 -7.22 -0.16 N | 53.88 -6.96 0.00 N | 60.30 -6.97 0.00 N | 50.58 -4.57 0.00 N | 45.68 -3.46 0.00 N | 39.86 -3.49 2.63 N |
| OAK_ORCHARD____HYD 24046 | 41.71 -0.70 0.00 N | 39.55 -0.97 0.00 N | 32.70 -0.72 0.00 N | 33.58 -0.85 0.00 N | 39.91 -1.18 0.00 N | 42.82 -1.03 0.00 N | 41.19 -0.55 0.00 N | 42.79 -0.37 0.00 N | 60.94 -1.12 0.00 N | 58.41 -1.11 0.00 N | 66.14 -0.75 0.00 N | 81.98 -0.64 0.00 N | 68.21 -0.55 0.00 N | 70.15 -0.48 0.00 N | 79.62 -0.93 0.00 N | 139.36 -1.97 0.00 N | 161.57 -1.86 0.00 N | 81.88 -1.59 0.00 N | 62.83 -1.63 -0.14 N | 59.11 -1.73 0.00 N | 65.78 -1.48 0.00 N | 54.28 -0.87 0.00 N | 48.25 -0.88 0.00 N | 50.48 -1.46 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| OCC_CHEM___DRP 24175 | 40.64 -1.78 0.00 N | 38.52 -2.00 0.00 N | 32.02 -1.40 0.00 N | 32.89 -1.54 0.00 N | 38.94 -2.15 0.00 N | 41.85 -1.99 0.00 N | 40.30 -1.44 0.00 N | 41.67 -1.49 0.00 N | 58.22 -3.84 0.00 N | 55.13 -4.40 0.00 N | 62.01 -4.88 0.00 N | 76.30 -6.31 0.00 N | 63.17 -5.60 0.00 N | 64.62 -6.01 0.00 N | 73.18 -7.37 0.00 N | 128.02 -13.31 0.00 N | 148.71 -14.72 0.00 N | 75.08 -8.39 0.00 N | 57.61 -6.89 0.00 N | 54.22 -6.62 0.00 N | 60.70 -6.56 0.00 N | 50.96 -4.20 0.00 N | 46.06 -3.07 0.00 N | 48.19 -3.75 0.00 N |
| OLIN_CORP_DRP 24177 | 40.62 -1.79 0.00 N | 38.49 -2.03 0.00 N | 31.99 -1.44 0.00 N | 32.86 -1.57 0.00 N | 38.92 -2.17 0.00 N | 41.82 -2.02 0.00 N | 40.27 -1.46 0.00 N | 41.69 -1.47 0.00 N | 58.31 -3.75 0.00 N | 55.28 -4.24 0.00 N | 62.25 -4.64 0.00 N | 76.71 -5.90 0.00 N | 63.51 -5.26 0.00 N | 65.02 -5.61 0.00 N | 73.62 -6.93 0.00 N | 128.87 -12.46 0.00 N | 149.78 -13.65 0.00 N | 75.60 -7.88 0.00 N | 57.96 -6.54 0.00 N | 54.55 -6.30 0.00 N | 61.06 -6.20 0.00 N | 51.15 -4.01 0.00 N | 46.12 -3.01 0.00 N | 48.22 -3.72 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 42.05 -0.36 0.00 N | 40.07 -0.44 0.00 N | 33.04 -0.38 0.00 N | 33.97 -0.46 0.00 N | 40.49 -0.59 0.00 N | 43.22 -0.62 0.00 N | 41.30 -0.44 0.00 N | 42.91 -0.25 0.00 N | 61.81 -0.25 0.00 N | 59.57 0.05 0.00 N | 67.40 0.51 0.00 N | 83.44 0.82 0.00 N | 69.44 0.67 0.00 N | 71.40 0.77 0.00 N | 81.33 0.78 0.00 N | 142.81 1.48 0.00 N | 165.52 2.09 0.00 N | 84.25 0.78 0.00 N | 64.80 0.36 0.00 N | 61.10 0.26 0.00 N | 67.85 0.58 0.00 N | 55.59 0.43 0.00 N | 49.07 -0.06 0.00 N | 51.56 -0.38 0.00 N |
| ONONDAGA___COGEN 23986 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 0.00 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N |
| ONTARIO___LFGE 23819 | 41.55 -0.87 0.00 N | 39.49 -1.03 0.00 N | 32.74 -0.68 0.00 N | 33.78 -0.65 0.00 N | 40.02 -1.07 0.00 N | 42.73 -1.11 0.00 N | 41.15 -0.59 0.00 N | 42.93 -0.22 0.00 N | 61.52 -0.54 0.00 N | 59.28 -0.24 0.00 N | 67.37 0.48 0.00 N | 83.92 1.30 0.00 N | 69.70 0.93 0.00 N | 71.97 1.34 0.00 N | 81.67 1.12 0.00 N | 143.55 2.21 0.00 N | 167.04 3.61 0.00 N | 84.45 0.97 0.00 N | 64.57 0.09 0.00 N | 61.02 0.18 0.00 N | 67.88 0.61 0.00 N | 55.56 0.41 0.00 N | 48.82 -0.32 0.00 N | 50.88 -1.06 0.00 N |
| OSWEGATCHIE___HYD 24044 | 43.13 0.72 0.00 N | 41.07 0.56 0.00 N | 33.98 0.56 0.00 N | 35.10 0.67 0.00 N | 41.96 0.87 0.00 N | 44.97 1.12 0.00 N | 42.72 0.98 0.00 N | 44.50 1.34 0.00 N | 63.50 1.45 0.00 N | 60.26 0.74 0.00 N | 66.77 -0.12 0.00 N | 81.83 -0.79 0.00 N | 67.92 -0.85 0.00 N | 70.07 -0.56 0.00 N | 79.13 -1.42 0.00 N | 138.72 -2.61 0.00 N | 160.22 -3.21 0.00 N | 81.68 -1.79 0.00 N | 63.01 -1.32 0.00 N | 60.31 -0.54 0.00 N | 66.46 -0.81 0.00 N | 55.43 0.27 0.00 N | 50.08 0.94 0.00 N | 53.07 1.13 0.00 N |
| OSWEGO___5 23606 | 41.41 -1.00 0.00 N | 39.50 -1.02 0.00 N | 32.60 -0.82 0.00 N | 33.53 -0.90 0.00 N | 39.98 -1.11 0.00 N | 42.63 -1.21 0.00 N | 40.65 -1.08 0.00 N | 42.14 -1.01 0.00 N | 60.57 -1.48 0.00 N | 58.24 -1.28 0.00 N | 65.69 -1.20 0.00 N | 81.19 -1.43 0.00 N | 67.55 -1.22 0.00 N | 69.42 -1.21 0.00 N | 79.08 -1.47 0.00 N | 138.73 -2.60 0.00 N | 160.64 -2.79 0.00 N | 81.89 -1.58 0.00 N | 63.06 -1.35 0.00 N | 59.57 -1.27 0.00 N | 66.02 -1.24 0.00 N | 54.13 -1.02 0.00 N | 48.02 -1.12 0.00 N | 50.64 -1.30 0.00 N |
| OSWEGO___6 23613 | 41.41 -1.00 0.00 N | 39.50 -1.02 0.00 N | 32.60 -0.82 0.00 N | 33.53 -0.90 0.00 N | 39.98 -1.11 0.00 N | 42.63 -1.21 0.00 N | 40.65 -1.08 0.00 N | 42.14 -1.01 0.00 N | 60.57 -1.48 0.00 N | 58.24 -1.28 0.00 N | 65.69 -1.20 0.00 N | 81.19 -1.43 0.00 N | 67.55 -1.22 0.00 N | 69.42 -1.21 0.00 N | 79.08 -1.47 0.00 N | 138.73 -2.60 0.00 N | 160.64 -2.79 0.00 N | 81.89 -1.58 0.00 N | 63.06 -1.35 0.00 N | 59.57 -1.27 0.00 N | 66.02 -1.24 0.00 N | 54.13 -1.02 0.00 N | 48.02 -1.12 0.00 N | 50.64 -1.30 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 41.08 -1.33 0.00 N | 38.91 -1.60 0.00 N | 32.32 -1.10 0.00 N | 33.22 -1.21 0.00 N | 39.34 -1.75 0.00 N | 42.25 -1.59 0.00 N | 40.74 -1.00 0.00 N | 42.26 -0.90 0.00 N | 59.25 -2.81 0.00 N | 56.28 -3.24 0.00 N | 63.53 -3.37 0.00 N | 78.31 -4.30 0.00 N | 64.61 -4.16 0.00 N | 66.15 -4.48 0.00 N | 74.92 -5.63 0.00 N | 131.24 -10.08 0.00 N | 152.60 -10.83 0.00 N | 76.96 -6.51 0.00 N | 58.94 -5.56 0.00 N | 55.61 -5.23 0.00 N | 62.23 -5.04 0.00 N | 52.07 -3.08 0.00 N | 47.00 -2.14 0.00 N | 48.93 -3.01 0.00 N |
| OXBOW___ 24026 | 40.98 -1.43 0.00 N | 38.81 -1.71 0.00 N | 32.25 -1.17 0.00 N | 33.13 -1.30 0.00 N | 39.24 -1.85 0.00 N | 42.15 -1.69 0.00 N | 40.63 -1.11 0.00 N | 42.09 -1.06 0.00 N | 58.94 -3.11 0.00 N | 55.92 -3.61 0.00 N | 63.01 -3.88 0.00 N | 77.68 -4.94 0.00 N | 64.26 -4.50 0.00 N | 65.80 -4.83 0.00 N | 74.53 -6.02 0.00 N | 130.48 -10.85 0.00 N | 151.68 -11.75 0.00 N | 76.51 -6.96 0.00 N | 58.63 -5.86 0.00 N | 55.24 -5.60 0.00 N | 61.82 -5.44 0.00 N | 51.79 -3.37 0.00 N | 46.73 -2.40 0.00 N | 48.73 -3.21 0.00 N |
| OXY_CHEM_DSASP 323612 | 40.64 -1.78 0.00 N | 38.52 -2.00 0.00 N | 32.02 -1.40 0.00 N | 32.89 -1.54 0.00 N | 38.94 -2.15 0.00 N | 41.85 -1.99 0.00 N | 40.30 -1.44 0.00 N | 41.67 -1.49 0.00 N | 58.22 -3.84 0.00 N | 55.13 -4.40 0.00 N | 62.01 -4.88 0.00 N | 76.30 -6.31 0.00 N | 63.17 -5.60 0.00 N | 64.62 -6.01 0.00 N | 73.18 -7.37 0.00 N | 128.02 -13.31 0.00 N | 148.71 -14.72 0.00 N | 75.08 -8.39 0.00 N | 57.61 -6.89 0.00 N | 54.22 -6.62 0.00 N | 60.70 -6.56 0.00 N | 50.96 -4.20 0.00 N | 46.06 -3.07 0.00 N | 48.19 -3.75 0.00 N |
| PEEKSKILL___ 23653 | 44.99 2.57 0.00 N | 42.98 2.46 0.00 N | 35.27 1.85 0.00 N | 36.10 1.67 0.00 N | 43.07 1.98 0.00 N | 46.00 2.16 0.00 N | 44.31 2.57 0.00 N | 46.21 3.05 0.00 N | 66.81 4.76 0.00 N | 64.72 5.19 0.00 N | 73.55 6.66 0.00 N | 91.12 8.50 0.00 N | 75.97 7.20 0.00 N | 77.68 7.05 0.00 N | 88.78 8.24 0.00 N | 156.12 14.79 0.00 N | 180.58 17.14 0.00 N | 92.33 8.86 0.00 N | 72.10 6.58 0.00 N | 67.00 6.16 0.00 N | 74.03 6.77 0.00 N | 59.97 4.82 0.00 N | 52.68 3.55 0.00 N | 54.87 2.93 0.00 N |
| PGE MADISON___WINDPWR 24146 | 44.01 1.60 0.00 N | 41.94 1.42 0.00 N | 34.65 1.22 0.00 N | 35.66 1.24 0.00 N | 42.62 1.53 0.00 N | 45.68 1.84 0.00 N | 43.98 2.24 0.00 N | 46.10 2.94 0.00 N | 66.75 4.69 0.00 N | 64.57 5.05 0.00 N | 73.38 6.49 0.00 N | 91.21 8.60 0.00 N | 75.55 6.78 0.00 N | 77.92 7.29 0.00 N | 88.50 7.96 0.00 N | 155.34 14.01 0.00 N | 181.14 17.71 0.00 N | 92.07 8.60 0.00 N | 70.72 6.04 0.00 N | 66.70 5.86 0.00 N | 74.52 7.25 0.00 N | 60.62 5.47 0.00 N | 52.80 3.66 0.00 N | 54.85 2.91 0.00 N |
| PIERCEFIELD___HYD | 42.81 | 40.78 | 33.84 | 35.06 | 41.92 | 44.89 | 42.42 | 43.82 | 61.64 | 58.17 | 64.22 | 78.55 | 65.21 | 67.56 | 76.08 | 133.21 | 153.44 | 78.35 | 60.63 | 58.37 | 63.76 | 53.31 | 49.17 | 52.63 |

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| 23852 | 0.40 0.00 N | 0.26 0.00 N | 0.41 0.00 N | 0.63 0.00 N | 0.82 0.00 N | 1.05 0.00 N | 0.68 0.00 N | 0.66 0.00 N | -0.42 0.00 N | -1.35 0.00 N | -2.67 0.00 N | -4.07 0.00 N | -3.56 0.00 N | -3.07 0.00 N | -4.47 0.00 N | -8.11 0.00 N | -9.99 0.00 N | -5.12 0.00 N | -3.70 0.00 N | -2.48 0.00 N | -3.50 0.00 N | -1.85 0.00 N | 0.04 0.00 N | 0.69 0.00 N |
| PINELAWN_CC_1 323563 | 46.11 3.66 -0.03 N | 43.99 3.47 -0.01 N | 36.11 2.65 -0.04 N | 36.70 2.27 0.00 N | 43.69 2.60 0.00 N | 46.70 2.86 0.00 N | 45.26 3.52 0.00 N | 47.44 4.28 0.00 N | 148.95 6.62 -80.28 N | 67.18 7.09 -0.56 N | 126.28 8.74 -50.66 N | 113.56 11.29 -19.65 N | 77.95 9.11 -0.07 N | 86.33 9.32 -6.38 N | 91.04 10.49 0.00 N | 159.74 18.41 0.00 N | 183.71 20.28 0.00 N | 93.70 10.23 0.00 N | 73.23 7.71 -1.20 N | 68.02 7.18 0.00 N | 75.01 7.75 0.00 N | 61.06 5.91 0.00 N | 116.13 4.66 -62.33 N | 133.11 4.39 -76.78 N |
| PJM_GEN_KEystone 24065 | 39.01 -3.41 0.00 N | 37.08 -3.44 0.00 N | 35.00 -0.05 0.77 N | 31.77 -2.65 0.00 N | 37.76 -3.33 0.00 N | 40.24 -3.60 0.00 N | 38.67 -3.07 0.00 N | 40.78 -2.38 0.00 N | 49.00 1.18 -0.60 N | 55.96 -3.57 0.00 N | 64.86 -2.03 0.00 N | 79.49 -2.66 0.46 N | 65.75 -2.97 0.05 N | 68.72 -1.82 0.10 N | 77.04 -3.51 0.00 N | 136.34 -4.99 0.00 N | 160.33 -3.02 0.08 N | 81.34 -2.13 0.00 N | 61.54 -3.65 -0.86 N | 58.21 -2.63 0.00 N | 70.00 3.11 -8.35 N | 60.00 2.45 -2.50 N | 54.22 1.21 -2.91 N | 43.50 0.15 2.63 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 45.77 3.36 0.00 N | 43.72 3.21 0.00 N | 37.70 2.60 0.72 N | 36.56 2.13 0.00 N | 43.56 2.46 0.00 N | 46.52 2.68 0.00 N | 45.01 3.27 0.00 N | 47.08 3.92 0.00 N | 53.97 4.44 -2.32 N | 66.62 6.53 -0.56 N | 125.56 8.01 -50.66 N | 112.43 10.17 -19.65 N | 77.04 8.20 -0.07 N | 85.33 8.32 -6.38 N | 89.97 9.42 0.00 N | 157.87 16.54 0.00 N | 181.75 18.32 0.00 N | 92.85 9.37 0.00 N | 72.67 7.14 -1.20 N | 67.52 6.67 0.00 N | 74.47 7.21 0.00 N | 60.56 5.40 0.00 N | 115.68 4.21 -62.33 N | 57.30 3.47 -7.86 N |
| PJM_GEN_VFT_PROXY 323633 | 45.24 2.84 0.00 N | 43.25 2.73 0.00 N | 37.35 2.25 0.72 N | 36.28 1.85 0.00 N | 43.28 2.19 0.00 N | 46.25 2.41 0.00 N | 44.60 2.86 0.00 N | 46.64 3.48 0.00 N | 51.45 3.64 -0.60 N | 65.19 5.67 0.00 N | 74.05 7.16 0.00 N | 75.77 9.01 15.85 N | 74.63 7.66 1.80 N | 74.80 7.44 3.27 N | 89.16 8.63 0.01 N | 156.78 15.47 0.01 N | 178.44 17.81 2.81 N | 92.69 9.22 0.00 N | 72.41 6.88 -1.20 N | 67.37 6.53 0.00 N | 74.44 7.17 0.00 N | 60.36 5.21 0.00 N | 52.99 3.86 0.00 N | 46.45 3.10 2.63 N |
| PLEASANTVLY___LBMP 24000 | 44.65 2.24 0.00 N | 42.70 2.18 0.00 N | 35.09 1.67 0.00 N | 35.91 1.49 0.00 N | 42.87 1.78 0.00 N | 45.75 1.90 0.00 N | 44.01 2.28 0.00 N | 45.87 2.71 0.00 N | 66.34 4.28 0.00 N | 64.31 4.78 0.00 N | 73.00 6.11 0.00 N | 90.46 7.84 0.00 N | 75.42 6.65 0.00 N | 77.16 6.53 0.00 N | 88.14 7.59 0.00 N | 154.92 13.59 0.00 N | 179.11 15.68 0.00 N | 91.63 8.16 0.00 N | 71.68 6.11 -1.25 N | 66.55 5.71 0.00 N | 73.47 6.21 0.00 N | 59.49 4.33 0.00 N | 52.27 3.14 0.00 N | 54.49 2.55 0.00 N |
| POLETTI____ 23519 | 45.51 3.10 0.00 N | 43.48 2.96 0.00 N | 35.67 2.25 0.00 N | 36.49 2.06 0.00 N | 43.54 2.45 0.00 N | 46.51 2.67 0.00 N | 44.84 3.10 0.00 N | 46.85 3.69 0.00 N | 67.71 5.65 0.00 N | 65.55 6.03 0.00 N | 74.47 7.58 0.00 N | 92.22 9.60 0.00 N | 76.91 8.14 0.00 N | 78.58 7.94 0.00 N | 89.75 9.20 0.00 N | 157.76 16.43 0.00 N | 182.39 18.96 0.00 N | 93.23 9.76 0.00 N | 72.82 7.29 -1.20 N | 67.72 6.88 0.00 N | 74.77 7.51 0.00 N | 60.57 5.42 0.00 N | 53.19 4.05 0.00 N | 55.37 3.43 0.00 N |
| PORT_JEFF_3 23555 | 46.46 4.03 -0.02 N | 44.40 3.88 0.00 N | 36.45 3.01 -0.01 N | 37.07 2.64 0.00 N | 44.12 3.03 0.00 N | 47.10 3.26 0.00 N | 45.74 4.00 0.00 N | 48.04 4.88 0.00 N | 149.70 7.37 -80.28 N | 67.60 7.51 -0.56 N | 126.69 9.14 -50.66 N | 114.09 11.82 -19.65 N | 77.78 8.94 -0.07 N | 86.20 9.19 -6.38 N | 90.61 10.06 0.00 N | 159.00 17.67 0.00 N | 182.09 18.66 0.00 N | 93.00 9.53 0.00 N | 72.77 7.24 -1.20 N | 67.75 6.91 0.00 N | 74.63 7.36 0.00 N | 61.18 6.02 0.00 N | 116.63 5.17 -62.33 N | 133.60 4.88 -76.78 N |
| PORT_JEFF_4 23616 | 46.46 4.03 -0.02 N | 44.40 3.88 0.00 N | 36.45 3.01 -0.01 N | 37.07 2.64 0.00 N | 44.12 3.03 0.00 N | 47.10 3.26 0.00 N | 45.74 4.00 0.00 N | 48.04 4.88 0.00 N | 149.70 7.37 -80.28 N | 67.60 7.51 -0.56 N | 126.69 9.14 -50.66 N | 114.09 11.82 -19.65 N | 77.78 8.94 -0.07 N | 86.20 9.19 -6.38 N | 90.61 10.06 0.00 N | 159.00 17.67 0.00 N | 182.09 18.66 0.00 N | 93.00 9.53 0.00 N | 72.77 7.24 -1.20 N | 67.75 6.91 0.00 N | 74.63 7.36 0.00 N | 61.18 6.02 0.00 N | 116.63 5.17 -62.33 N | 133.60 4.88 -76.78 N |
| PORT_JEFF_IC 23713 | 46.65 4.22 -0.02 N | 44.55 4.03 0.00 N | 36.57 3.13 -0.01 N | 37.18 2.75 0.00 N | 44.26 3.17 0.00 N | 47.26 3.42 0.00 N | 45.92 4.19 0.00 N | 48.26 5.10 0.00 N | 150.01 7.68 -80.28 N | 67.68 7.59 -0.56 N | 126.86 9.31 -50.66 N | 114.34 12.07 -19.65 N | 77.98 9.14 -0.07 N | 86.45 9.44 -6.38 N | 90.87 10.32 0.00 N | 159.78 18.45 0.00 N | 183.07 19.64 0.00 N | 93.44 9.97 0.00 N | 73.07 7.54 -1.20 N | 68.05 7.21 0.00 N | 74.92 7.66 0.00 N | 61.44 6.28 0.00 N | 116.83 5.36 -62.33 N | 133.86 5.14 -76.78 N |
| PPL_PILGRIM_ST_GT1 24216 | 46.67 4.24 -0.02 N | 44.54 4.02 0.00 N | 36.55 3.11 -0.02 N | 37.17 2.74 0.00 N | 44.25 3.16 0.00 N | 47.27 3.42 0.00 N | 45.85 4.11 0.00 N | 48.09 4.93 0.00 N | 149.55 7.22 -80.28 N | 67.70 7.62 -0.56 N | 126.70 9.15 -50.66 N | 114.15 11.89 -19.65 N | 78.22 9.38 -0.07 N | 86.67 9.66 -6.38 N | 91.32 10.77 0.00 N | 160.19 18.86 0.00 N | 183.85 20.42 0.00 N | 93.76 10.29 0.00 N | 73.32 7.79 -1.20 N | 68.17 7.33 0.00 N | 75.13 7.86 0.00 N | 61.49 6.34 0.00 N | 116.65 5.18 -62.33 N | 133.81 5.09 -76.78 N |
| PPL_PILGRIM_ST_GT2 24217 | 46.67 4.24 -0.02 N | 44.54 4.02 0.00 N | 36.55 3.11 -0.02 N | 37.17 2.74 0.00 N | 44.25 3.16 0.00 N | 47.27 3.42 0.00 N | 45.85 4.11 0.00 N | 48.09 4.93 0.00 N | 149.55 7.22 -80.28 N | 67.70 7.62 -0.56 N | 126.70 9.15 -50.66 N | 114.15 11.89 -19.65 N | 78.22 9.38 -0.07 N | 86.67 9.66 -6.38 N | 91.32 10.77 0.00 N | 160.19 18.86 0.00 N | 183.85 20.42 0.00 N | 93.76 10.29 0.00 N | 73.32 7.79 -1.20 N | 68.17 7.33 0.00 N | 75.13 7.86 0.00 N | 61.49 6.34 0.00 N | 116.65 5.18 -62.33 N | 133.81 5.09 -76.78 N |
| PPL_SHRM_GT3 24213 | 46.67 4.24 -0.02 N | 44.48 3.96 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.66 0.00 N | 44.15 3.06 0.00 N | 47.16 3.31 0.00 N | 45.80 4.06 0.00 N | 48.14 4.99 0.00 N | 150.04 7.71 -80.28 N | 68.14 8.06 -0.56 N | 127.37 9.82 -50.66 N | 114.93 12.66 -19.65 N | 76.50 7.67 -0.07 N | 84.98 7.97 -6.38 N | 89.33 8.78 0.00 N | 156.68 15.35 0.00 N | 179.50 16.07 0.00 N | 91.55 8.08 0.00 N | 71.61 6.09 -1.20 N | 66.60 5.75 0.00 N | 73.36 6.09 0.00 N | 60.73 5.58 0.00 N | 116.92 5.45 -62.33 N | 134.17 5.45 -76.78 N |
| PPL_SHRM_GT4 24214 | 46.67 4.24 -0.02 N | 44.48 3.96 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.66 0.00 N | 44.15 3.06 0.00 N | 47.16 3.31 0.00 N | 45.80 4.06 0.00 N | 48.14 4.99 0.00 N | 150.04 7.71 -80.28 N | 68.14 8.06 -0.56 N | 127.37 9.82 -50.66 N | 114.93 12.66 -19.65 N | 76.50 7.67 -0.07 N | 84.98 7.97 -6.38 N | 89.33 8.78 0.00 N | 156.68 15.35 0.00 N | 179.50 16.07 0.00 N | 91.55 8.08 0.00 N | 71.61 6.09 -1.20 N | 66.60 5.75 0.00 N | 73.36 6.09 0.00 N | 60.73 5.58 0.00 N | 116.92 5.45 -62.33 N | 134.17 5.45 -76.78 N |

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|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| PROJECT___ORANGE 1 24174 | 41.89 -0.52 0.00 N | 39.92 -0.60 0.00 N | 32.93 -0.49 0.00 N | 33.84 -0.58 0.00 N | 40.35 -0.74 0.00 N | 43.06 -0.78 0.00 N | 41.14 -0.59 0.00 N | 42.73 -0.43 0.00 N | 61.53 -0.53 0.00 N | 59.29 -0.24 0.00 N | 67.07 0.18 0.00 N | 82.91 0.30 0.00 N | 68.98 0.21 0.00 N | 70.92 0.28 0.00 N | 80.77 0.23 0.00 N | 141.79 0.45 0.00 N | 164.26 0.83 0.00 N | 83.62 0.15 0.00 N | 64.28 -0.14 -0.10 N | 60.62 -0.22 0.00 N | 67.33 0.07 0.00 N | 55.21 0.06 0.00 N | 48.78 -0.36 0.00 N | 51.28 -0.66 0.00 N |
| PROJECT___ORANGE 2 24166 | 41.89 -0.52 0.00 N | 39.92 -0.60 0.00 N | 32.93 -0.49 0.00 N | 33.84 -0.58 0.00 N | 40.35 -0.74 0.00 N | 43.06 -0.78 0.00 N | 41.14 -0.59 0.00 N | 42.73 -0.43 0.00 N | 61.53 -0.53 0.00 N | 59.29 -0.24 0.00 N | 67.07 0.18 0.00 N | 82.91 0.30 0.00 N | 68.98 0.21 0.00 N | 70.92 0.28 0.00 N | 80.77 0.23 0.00 N | 141.79 0.45 0.00 N | 164.26 0.83 0.00 N | 83.62 0.15 0.00 N | 64.28 -0.14 -0.10 N | 60.62 -0.22 0.00 N | 67.33 0.07 0.00 N | 55.21 0.06 0.00 N | 48.78 -0.36 0.00 N | 51.28 -0.66 0.00 N |
| PYRITES___HYD 24023 | 43.25 0.83 0.00 N | 41.19 0.67 0.00 N | 34.14 0.72 0.00 N | 35.37 0.94 0.00 N | 42.31 1.22 0.00 N | 45.35 1.51 0.00 N | 42.90 1.16 0.00 N | 44.34 1.18 0.00 N | 62.54 0.49 0.00 N | 59.12 -0.40 0.00 N | 65.42 -1.47 0.00 N | 80.04 -2.58 0.00 N | 66.44 -2.33 0.00 N | 68.81 -1.82 0.00 N | 77.52 -3.03 0.00 N | 135.82 -5.51 0.00 N | 156.46 -6.97 0.00 N | 79.79 -3.68 0.00 N | 61.70 -2.62 0.00 N | 59.34 -1.50 0.00 N | 64.88 -2.38 0.00 N | 54.16 -0.99 0.00 N | 49.79 0.66 0.00 N | 53.23 1.30 0.00 N |
| RAMAPO___LBMP 323565 | 44.90 2.49 0.00 N | 42.88 2.36 0.00 N | 35.19 1.76 0.00 N | 36.04 1.61 0.00 N | 42.99 1.90 0.00 N | 45.90 2.06 0.00 N | 44.20 2.47 0.00 N | 46.08 2.92 0.00 N | 66.61 4.55 0.00 N | 64.51 4.99 0.00 N | 73.29 6.40 0.00 N | 90.79 8.17 0.00 N | 75.69 6.92 0.00 N | 77.33 6.70 0.00 N | 88.45 7.91 0.00 N | 155.61 14.28 0.00 N | 180.09 16.66 0.00 N | 92.10 8.62 0.00 N | 71.86 6.37 -1.17 N | 66.78 5.94 0.00 N | 73.84 6.58 0.00 N | 59.85 4.69 0.00 N | 52.59 3.46 0.00 N | 54.79 2.85 0.00 N |
| RANKINE____ 23646 | 40.50 -1.91 0.00 N | 38.39 -2.13 0.00 N | 31.88 -1.54 0.00 N | 32.80 -1.63 0.00 N | 38.85 -2.24 0.00 N | 41.66 -1.63 0.00 N | 40.11 -1.46 0.00 N | 41.69 -1.46 0.00 N | 58.64 -3.42 0.00 N | 55.81 -3.71 0.00 N | 63.05 -3.84 0.00 N | 77.96 -4.66 0.00 N | 64.49 -4.28 0.00 N | 66.25 -4.38 0.00 N | 75.02 -5.53 0.00 N | 131.61 -9.72 0.00 N | 153.30 -10.13 0.00 N | 77.26 -6.21 0.00 N | 59.06 -5.45 0.00 N | 55.72 -5.12 0.00 N | 62.27 -4.99 0.00 N | 51.87 -3.28 0.00 N | 46.45 -2.68 0.00 N | 48.40 -3.54 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 45.48 3.07 0.00 N | 43.46 2.94 0.00 N | 35.65 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.81 3.07 0.00 N | 46.78 3.62 0.00 N | 67.56 5.51 0.00 N | 65.39 5.87 0.00 N | 74.30 7.41 0.00 N | 92.01 9.40 0.00 N | 76.72 7.95 0.00 N | 78.42 7.78 0.00 N | 89.47 8.92 0.00 N | 157.11 15.78 0.00 N | 181.63 18.19 0.00 N | 92.86 9.39 0.00 N | 72.63 7.10 -1.20 N | 67.55 6.71 0.00 N | 74.58 7.32 0.00 N | 60.42 5.27 0.00 N | 53.08 3.94 0.00 N | 55.29 3.35 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 45.48 3.07 0.00 N | 43.46 2.94 0.00 N | 35.65 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.81 3.07 0.00 N | 46.78 3.62 0.00 N | 67.56 5.51 0.00 N | 65.39 5.87 0.00 N | 74.30 7.41 0.00 N | 92.01 9.40 0.00 N | 76.72 7.95 0.00 N | 78.42 7.78 0.00 N | 89.47 8.92 0.00 N | 157.11 15.78 0.00 N | 181.63 18.19 0.00 N | 92.86 9.39 0.00 N | 72.63 7.10 -1.20 N | 67.55 6.71 0.00 N | 74.58 7.32 0.00 N | 60.42 5.27 0.00 N | 53.08 3.94 0.00 N | 55.29 3.35 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 45.52 3.11 0.00 N | 43.50 2.98 0.00 N | 35.69 2.26 0.00 N | 36.50 2.08 0.00 N | 43.56 2.47 0.00 N | 46.53 2.69 0.00 N | 44.85 3.12 0.00 N | 46.82 3.66 0.00 N | 67.64 5.58 0.00 N | 65.48 5.95 0.00 N | 74.39 7.49 0.00 N | 92.13 9.51 0.00 N | 76.80 8.04 0.00 N | 78.50 7.87 0.00 N | 89.62 9.08 0.00 N | 157.57 16.24 0.00 N | 182.17 18.74 0.00 N | 93.12 9.65 0.00 N | 72.74 7.21 -1.20 N | 67.62 6.78 0.00 N | 74.67 7.41 0.00 N | 60.49 5.34 0.00 N | 53.13 4.00 0.00 N | 55.34 3.40 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 45.52 3.11 0.00 N | 43.50 2.98 0.00 N | 35.69 2.26 0.00 N | 36.50 2.08 0.00 N | 43.56 2.47 0.00 N | 46.53 2.69 0.00 N | 44.85 3.12 0.00 N | 46.82 3.66 0.00 N | 67.64 5.58 0.00 N | 65.48 5.95 0.00 N | 74.39 7.49 0.00 N | 92.13 9.51 0.00 N | 76.80 8.04 0.00 N | 78.50 7.87 0.00 N | 89.62 9.08 0.00 N | 157.57 16.24 0.00 N | 182.17 18.74 0.00 N | 93.12 9.65 0.00 N | 72.74 7.21 -1.20 N | 67.62 6.78 0.00 N | 74.67 7.41 0.00 N | 60.49 5.34 0.00 N | 53.13 4.00 0.00 N | 55.34 3.40 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 45.49 3.08 0.00 N | 43.46 2.94 0.00 N | 35.65 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.81 3.07 0.00 N | 46.78 3.62 0.00 N | 67.58 5.52 0.00 N | 65.40 5.87 0.00 N | 74.31 7.42 0.00 N | 92.01 9.40 0.00 N | 76.72 7.95 0.00 N | 78.42 7.79 0.00 N | 89.46 8.91 0.00 N | 156.91 15.58 0.00 N | 181.43 18.00 0.00 N | 92.77 9.30 0.00 N | 72.63 7.10 -1.20 N | 67.55 6.71 0.00 N | 74.60 7.33 0.00 N | 60.42 5.27 0.00 N | 53.08 3.95 0.00 N | 55.29 3.35 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 45.49 3.08 0.00 N | 43.46 2.94 0.00 N | 35.65 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.81 3.07 0.00 N | 46.78 3.62 0.00 N | 67.58 5.52 0.00 N | 65.40 5.87 0.00 N | 74.31 7.42 0.00 N | 92.01 9.40 0.00 N | 76.72 7.95 0.00 N | 78.42 7.79 0.00 N | 89.46 8.91 0.00 N | 156.91 15.58 0.00 N | 181.43 18.00 0.00 N | 92.77 9.30 0.00 N | 72.63 7.10 -1.20 N | 67.55 6.71 0.00 N | 74.60 7.33 0.00 N | 60.42 5.27 0.00 N | 53.08 3.95 0.00 N | 55.29 3.35 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 45.56 3.15 0.00 N | 43.54 3.02 0.00 N | 35.71 2.29 0.00 N | 36.54 2.11 0.00 N | 43.60 2.51 0.00 N | 46.57 2.73 0.00 N | 44.89 3.16 0.00 N | 46.87 3.71 0.00 N | 67.71 5.65 0.00 N | 65.54 6.02 0.00 N | 74.47 7.58 0.00 N | 92.23 9.62 0.00 N | 76.91 8.14 0.00 N | 78.58 7.95 0.00 N | 89.74 9.19 0.00 N | 157.70 16.37 0.00 N | 182.08 18.65 0.00 N | 93.21 9.74 0.00 N | 72.81 7.27 -1.20 N | 67.70 6.85 0.00 N | 74.77 7.50 0.00 N | 60.56 5.41 0.00 N | 53.19 4.06 0.00 N | 55.40 3.46 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 45.56 3.15 0.00 N | 43.54 3.02 0.00 N | 35.71 2.29 0.00 N | 36.54 2.11 0.00 N | 43.60 2.51 0.00 N | 46.57 2.73 0.00 N | 44.89 3.16 0.00 N | 46.87 3.71 0.00 N | 67.71 5.65 0.00 N | 65.54 6.02 0.00 N | 74.47 7.58 0.00 N | 92.23 9.62 0.00 N | 76.91 8.14 0.00 N | 78.58 7.95 0.00 N | 89.74 9.19 0.00 N | 157.70 16.37 0.00 N | 182.08 18.65 0.00 N | 93.21 9.74 0.00 N | 72.81 7.27 -1.20 N | 67.70 6.85 0.00 N | 74.77 7.50 0.00 N | 60.56 5.41 0.00 N | 53.19 4.06 0.00 N | 55.40 3.46 0.00 N |
| RAVENSWOOD_GT_1 23729 | 46.00 3.25 -0.34 N | 45.21 3.11 -1.58 N | 37.25 2.37 -1.46 N | 36.62 2.19 0.00 N | 43.68 2.58 0.00 N | 46.65 2.80 0.00 N | 46.06 3.25 -1.08 N | 49.24 3.80 -2.28 N | 70.14 5.61 -2.48 N | 66.06 5.91 -0.62 N | 77.94 7.47 -3.58 N | 123.63 9.44 -31.58 N | 71.08 7.98 5.67 N | 78.14 7.75 0.25 N | 89.47 8.93 0.00 N | 157.23 15.90 0.00 N | 181.30 18.37 0.50 N | 90.61 9.47 2.33 N | 69.45 7.11 1.98 N | 67.45 6.61 0.00 N | 73.51 7.21 0.97 N | 61.98 5.18 -1.64 N | 53.96 3.95 -0.88 N | 57.18 3.38 -1.85 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-----------------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| RAVENSWOOD_GT_10 24258 | 45.52 3.06 -0.04 N | 43.65 2.94 -0.18 N | 35.82 2.23 -0.17 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.93 3.07 -0.12 N | 47.04 3.62 -0.26 N | 67.87 5.53 -0.28 N | 65.49 5.89 -0.07 N | 74.70 7.42 -0.39 N | 95.68 9.42 -3.64 N | 76.08 7.97 0.65 N | 78.41 7.80 0.03 N | 89.17 8.62 0.00 N | 156.69 15.36 0.00 N | 181.03 17.65 0.06 N | 92.34 9.14 0.27 N | 72.15 6.99 -0.84 N | 67.57 6.73 0.00 N | 74.50 7.35 0.11 N | 60.63 5.29 -0.19 N | 53.19 3.95 -0.10 N | 55.51 3.36 -0.21 N | |
| RAVENSWOOD_GT_11 24259 | 45.52 3.06 -0.04 N | 43.65 2.94 -0.18 N | 35.82 2.23 -0.17 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.93 3.07 -0.12 N | 47.04 3.62 -0.26 N | 67.87 5.53 -0.28 N | 65.49 5.89 -0.07 N | 74.70 7.42 -0.39 N | 95.68 9.42 -3.64 N | 76.08 7.97 0.65 N | 78.41 7.80 0.03 N | 89.17 8.62 0.00 N | 156.69 15.36 0.00 N | 181.03 17.65 0.06 N | 92.34 9.14 0.27 N | 72.15 6.99 -0.84 N | 67.57 6.73 0.00 N | 74.50 7.35 0.11 N | 60.63 5.29 -0.19 N | 53.19 3.95 -0.10 N | 55.51 3.36 -0.21 N | |
| RAVENSWOOD_GT_4 24252 | 45.72 3.05 -0.25 N | 44.64 2.92 -1.20 N | 36.75 2.22 -1.11 N | 36.47 2.04 0.00 N | 43.50 2.41 0.00 N | 46.47 2.63 0.00 N | 45.61 3.05 -0.82 N | 48.50 3.61 -1.74 N | 69.49 5.55 -1.88 N | 65.91 5.92 -0.47 N | 77.07 7.45 -2.73 N | 116.12 9.46 -24.04 N | 72.46 8.01 4.32 N | 78.27 7.82 0.19 N | 89.60 9.05 0.00 N | 157.53 16.19 0.00 N | 181.69 18.64 0.38 N | 91.33 9.64 1.77 N | 70.29 7.18 1.22 N | 67.61 6.77 0.00 N | 73.94 7.41 0.74 N | 61.74 5.34 -1.25 N | 53.78 3.98 -0.67 N | 56.73 3.38 -1.41 N | |
| RAVENSWOOD_GT_5 24254 | 45.72 3.05 -0.25 N | 44.64 2.92 -1.20 N | 36.75 2.22 -1.11 N | 36.47 2.04 0.00 N | 43.50 2.41 0.00 N | 46.47 2.63 0.00 N | 45.61 3.05 -0.82 N | 48.50 3.61 -1.74 N | 69.49 5.55 -1.88 N | 65.91 5.92 -0.47 N | 77.07 7.45 -2.73 N | 116.12 9.46 -24.04 N | 72.46 8.01 4.32 N | 78.27 7.82 0.19 N | 89.60 9.05 0.00 N | 157.53 16.19 0.00 N | 181.69 18.64 0.38 N | 91.33 9.64 1.77 N | 70.29 7.18 1.22 N | 67.61 6.77 0.00 N | 73.94 7.41 0.74 N | 61.74 5.34 -1.25 N | 53.78 3.98 -0.67 N | 56.73 3.38 -1.41 N | |
| RAVENSWOOD_GT_6 24253 | 45.72 3.05 -0.25 N | 44.64 2.92 -1.20 N | 36.75 2.22 -1.11 N | 36.47 2.04 0.00 N | 43.50 2.41 0.00 N | 46.47 2.63 0.00 N | 45.61 3.05 -0.82 N | 48.50 3.61 -1.74 N | 69.49 5.55 -1.88 N | 65.91 5.92 -0.47 N | 77.07 7.45 -2.73 N | 116.12 9.46 -24.04 N | 72.46 8.01 4.32 N | 78.27 7.82 0.19 N | 89.60 9.05 0.00 N | 157.53 16.19 0.00 N | 181.69 18.64 0.38 N | 91.33 9.64 1.77 N | 70.29 7.18 1.22 N | 67.61 6.77 0.00 N | 73.94 7.41 0.74 N | 61.74 5.34 -1.25 N | 53.78 3.98 -0.67 N | 56.73 3.38 -1.41 N | |
| RAVENSWOOD_GT_7 24255 | 45.72 3.05 -0.25 N | 44.64 2.92 -1.20 N | 36.75 2.22 -1.11 N | 36.47 2.04 0.00 N | 43.50 2.41 0.00 N | 46.47 2.63 0.00 N | 45.61 3.05 -0.82 N | 48.50 3.61 -1.74 N | 69.49 5.55 -1.88 N | 65.91 5.92 -0.47 N | 77.07 7.45 -2.73 N | 116.12 9.46 -24.04 N | 72.46 8.01 4.32 N | 78.27 7.82 0.19 N | 89.60 9.05 0.00 N | 157.53 16.19 0.00 N | 181.69 18.64 0.38 N | 91.33 9.64 1.77 N | 70.29 7.18 1.22 N | 67.61 6.77 0.00 N | 73.94 7.41 0.74 N | 61.74 5.34 -1.25 N | 53.78 3.98 -0.67 N | 56.73 3.38 -1.41 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 45.52 3.06 -0.04 N | 43.65 2.94 -0.18 N | 35.82 2.23 -0.17 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.93 3.07 -0.12 N | 47.04 3.62 -0.26 N | 67.87 5.53 -0.28 N | 65.49 5.89 -0.07 N | 74.70 7.42 -0.39 N | 95.68 9.42 -3.64 N | 76.08 7.97 0.65 N | 78.41 7.80 0.03 N | 89.17 8.62 0.00 N | 156.69 15.36 0.00 N | 181.03 17.65 0.06 N | 92.34 9.14 0.27 N | 72.15 6.99 -0.84 N | 67.57 6.73 0.00 N | 74.50 7.35 0.11 N | 60.63 5.29 -0.19 N | 53.19 3.95 -0.10 N | 55.51 3.36 -0.21 N | |
| RAVENSWOOD_GT_9 24257 | 45.52 3.06 -0.04 N | 43.65 2.94 -0.18 N | 35.82 2.23 -0.17 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.49 2.65 0.00 N | 44.93 3.07 -0.12 N | 47.04 3.62 -0.26 N | 67.87 5.53 -0.28 N | 65.49 5.89 -0.07 N | 74.70 7.42 -0.39 N | 95.68 9.42 -3.64 N | 76.08 7.97 0.65 N | 78.41 7.80 0.03 N | 89.17 8.62 0.00 N | 156.69 15.36 0.00 N | 181.03 17.65 0.06 N | 92.34 9.14 0.27 N | 72.15 6.99 -0.84 N | 67.57 6.73 0.00 N | 74.50 7.35 0.11 N | 60.63 5.29 -0.19 N | 53.19 3.95 -0.10 N | 55.51 3.36 -0.21 N | |
| RAVENSWOOD___1 23533 | 45.64 3.23 -0.01 N | 43.61 3.09 -0.01 N | 35.79 2.35 -0.01 N | 36.61 2.17 0.00 N | 43.65 2.56 0.00 N | 46.64 2.79 0.00 N | 44.96 3.22 0.00 N | 47.01 3.77 -0.09 N | 67.62 5.56 0.00 N | 65.39 5.87 0.00 N | 74.30 7.41 0.00 N | 92.00 9.38 0.00 N | 76.71 7.94 0.00 N | 78.34 7.71 0.00 N | 89.43 8.88 0.00 N | 157.15 15.82 0.00 N | 181.72 18.29 0.00 N | 92.88 9.40 0.00 N | 72.58 7.05 -1.20 N | 67.42 6.58 0.00 N | 74.43 7.17 0.00 N | 60.29 5.14 0.00 N | 53.05 3.91 0.00 N | 55.29 3.34 0.00 N | |
| RAVENSWOOD___2 23534 | 45.55 3.13 -0.01 N | 43.54 3.01 -0.01 N | 35.72 2.29 -0.01 N | 36.54 2.11 0.00 N | 43.57 2.48 0.00 N | 46.54 2.70 0.00 N | 44.84 3.10 0.00 N | 46.74 3.50 -0.09 N | 67.13 5.08 0.00 N | 64.89 5.37 0.00 N | 73.75 6.86 0.00 N | 91.30 8.68 0.00 N | 76.13 7.36 0.00 N | 77.74 7.11 0.00 N | 88.76 8.21 0.00 N | 155.97 14.64 0.00 N | 180.30 16.87 0.00 N | 92.20 8.72 0.00 N | 72.06 6.53 -1.20 N | 66.94 6.10 0.00 N | 73.91 6.65 0.00 N | 59.87 4.72 0.00 N | 52.70 3.56 0.00 N | 54.99 3.05 0.00 N | |
| RAVENSWOOD___3 23535 | 45.49 3.08 0.00 N | 43.47 2.95 0.00 N | 35.66 2.23 0.00 N | 36.48 2.05 0.00 N | 43.52 2.43 0.00 N | 46.50 2.66 0.00 N | 44.81 3.07 0.00 N | 46.78 3.62 0.00 N | 67.58 5.52 0.00 N | 65.41 5.89 0.00 N | 74.31 7.42 0.00 N | 92.03 9.41 0.00 N | 76.73 7.96 0.00 N | 78.43 7.80 0.00 N | 89.54 8.99 0.00 N | 157.40 16.07 0.00 N | 181.95 18.52 0.00 N | 93.03 9.56 0.00 N | 72.67 7.14 -1.20 N | 67.55 6.71 0.00 N | 74.60 7.33 0.00 N | 60.43 5.27 0.00 N | 53.09 3.95 0.00 N | 55.30 3.36 0.00 N | |
| RAVENSWOOD___4 23820 | 45.30 3.20 0.32 N | 42.05 3.07 1.54 N | 34.35 2.35 1.42 N | 36.59 2.16 0.00 N | 43.65 2.56 0.00 N | 46.61 2.77 0.00 N | 43.88 3.20 1.06 N | 44.82 3.74 2.07 N | 65.13 5.52 2.44 N | 64.74 5.82 0.61 N | 70.72 7.36 3.53 N | 60.85 9.33 31.10 N | 82.26 7.91 -5.58 N | 78.55 7.68 -0.24 N | 89.38 8.83 0.00 N | 157.08 15.75 0.00 N | 182.09 18.17 -0.49 N | 95.15 9.38 -2.29 N | 75.69 7.02 -4.34 N | 67.39 6.54 0.00 N | 75.33 7.11 -0.95 N | 58.64 5.10 1.62 N | 52.15 3.87 0.86 N | 53.43 3.31 1.83 N | |
| RCPI_TRUST___DRP 24196 | 45.52 3.11 0.00 N | 43.49 2.97 0.00 N | 35.68 2.25 0.00 N | 36.50 2.07 0.00 N | 43.56 2.46 0.00 N | 46.54 2.69 0.00 N | 44.87 3.13 0.00 N | 46.88 3.72 0.00 N | 67.79 5.74 0.00 N | 65.65 6.12 0.00 N | 74.60 7.71 0.00 N | 92.41 9.80 0.00 N | 77.06 8.29 0.00 N | 78.75 8.12 0.00 N | 89.94 9.39 0.00 N | 158.15 16.82 0.00 N | 182.86 19.43 0.00 N | 93.46 9.99 0.00 N | 72.96 7.43 -1.20 N | 67.81 6.97 0.00 N | 74.89 7.62 0.00 N | 60.63 5.48 0.00 N | 53.24 4.10 0.00 N | 55.42 3.48 0.00 N | |
| RENSSELAER___COGEN | 42.68 | 40.94 | 33.74 | 34.52 | 41.30 | 44.02 | 42.19 | 43.93 | 63.69 | 61.84 | 69.95 | 86.53 | 72.24 | 74.02 | 84.47 | 148.31 | 171.55 | 87.83 | 69.20 | 63.88 | 70.46 | 56.97 | 50.19 | 52.35 | |

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| 23796 | 0.27 0.00 N | 0.42 0.00 N | 0.32 0.00 N | 0.10 0.00 N | 0.21 0.00 N | 0.18 0.00 N | 0.45 0.00 N | 0.78 0.00 N | 1.63 0.00 N | 2.31 0.00 N | 3.06 0.00 N | 3.91 0.00 N | 3.47 0.00 N | 3.39 0.00 N | 3.93 0.00 N | 6.98 0.00 N | 8.12 0.00 N | 4.36 0.00 N | 3.35 -1.52 N | 3.04 0.00 N | 3.19 0.00 N | 1.82 0.00 N | 1.05 0.00 N | 0.41 0.00 N |
| REVERE_CPDRP 24186 | 43.39 0.98 0.00 N | 41.34 0.82 0.00 N | 34.07 0.65 0.00 N | 35.06 0.63 0.00 N | 41.86 0.77 0.00 N | 44.81 0.96 0.00 N | 42.88 1.14 0.00 N | 44.72 1.56 0.00 N | 64.57 2.51 0.00 N | 62.17 2.64 0.00 N | 70.27 3.38 0.00 N | 87.09 4.48 0.00 N | 72.52 3.76 0.00 N | 74.63 4.00 0.00 N | 84.87 4.32 0.00 N | 149.01 7.68 0.00 N | 172.56 9.13 0.00 N | 87.80 4.33 0.00 N | 67.41 3.06 -0.03 N | 63.78 2.93 0.00 N | 70.72 3.45 0.00 N | 57.83 2.68 0.00 N | 50.98 1.85 0.00 N | 53.40 1.46 0.00 N |
| RIVERBAY____ 323610 | 45.44 3.02 -0.01 N | 43.42 2.90 -0.01 N | 35.61 2.18 0.00 N | 36.44 2.01 0.00 N | 43.47 2.38 0.00 N | 46.41 2.57 0.00 N | 44.75 3.01 0.00 N | 46.80 3.56 -0.09 N | 67.34 5.29 0.00 N | 65.28 5.75 0.00 N | 74.17 7.28 0.00 N | 91.90 9.28 0.00 N | 76.62 7.85 0.00 N | 78.21 7.58 0.00 N | 89.34 8.79 0.00 N | 157.02 15.69 0.00 N | 181.53 18.10 0.00 N | 92.77 9.29 0.00 N | 72.52 7.00 -1.20 N | 67.29 6.45 0.00 N | 74.29 7.02 0.00 N | 60.20 5.05 0.00 N | 52.92 3.79 0.00 N | 55.11 3.17 0.00 N |
| ROCHESTER_9_IC 23652 | 42.28 -0.13 0.00 N | 40.06 -0.45 0.00 N | 33.11 -0.31 0.00 N | 34.01 -0.42 0.00 N | 40.41 -0.69 0.00 N | 43.38 -0.46 0.00 N | 41.78 0.05 0.00 N | 43.44 0.28 0.00 N | 61.95 -0.10 0.00 N | 59.45 -0.07 0.00 N | 67.42 0.53 0.00 N | 83.71 1.09 0.00 N | 69.70 0.93 0.00 N | 71.75 1.12 0.00 N | 81.35 0.80 0.00 N | 141.76 0.43 0.00 N | 164.46 1.03 0.00 N | 83.63 0.16 0.00 N | 64.10 -0.36 -0.14 N | 60.27 -0.57 0.00 N | 67.07 -0.19 0.00 N | 55.27 0.11 0.00 N | 49.05 -0.08 0.00 N | 51.21 -0.73 0.00 N |
| ROSETON____1 23587 | 44.61 2.19 0.00 N | 42.65 2.14 0.00 N | 35.07 1.65 0.00 N | 35.90 1.47 0.00 N | 42.85 1.76 0.00 N | 45.72 1.88 0.00 N | 43.95 2.22 0.00 N | 45.76 2.60 0.00 N | 66.10 4.04 0.00 N | 64.00 4.47 0.00 N | 72.63 5.74 0.00 N | 89.99 7.37 0.00 N | 75.02 6.25 0.00 N | 76.75 6.12 0.00 N | 87.67 7.13 0.00 N | 154.02 12.69 0.00 N | 177.99 14.56 0.00 N | 91.13 7.66 0.00 N | 71.28 5.75 -1.20 N | 66.22 5.38 0.00 N | 73.13 5.86 0.00 N | 59.24 4.08 0.00 N | 52.10 2.96 0.00 N | 54.39 2.45 0.00 N |
| ROSETON____2 23588 | 44.61 2.19 0.00 N | 42.65 2.14 0.00 N | 35.07 1.65 0.00 N | 35.90 1.47 0.00 N | 42.85 1.76 0.00 N | 45.72 1.88 0.00 N | 43.95 2.22 0.00 N | 45.76 2.60 0.00 N | 66.10 4.04 0.00 N | 64.00 4.47 0.00 N | 72.63 5.74 0.00 N | 89.99 7.37 0.00 N | 75.02 6.25 0.00 N | 76.75 6.12 0.00 N | 87.67 7.13 0.00 N | 154.02 12.69 0.00 N | 177.99 14.56 0.00 N | 91.13 7.66 0.00 N | 71.28 5.75 -1.20 N | 66.22 5.38 0.00 N | 73.13 5.86 0.00 N | 59.24 4.08 0.00 N | 52.10 2.96 0.00 N | 54.39 2.45 0.00 N |
| RUSSELL____1 23602 | 42.76 0.35 0.00 N | 40.42 -0.10 0.00 N | 33.35 -0.07 0.00 N | 34.24 -0.19 0.00 N | 40.75 -0.35 0.00 N | 43.78 -0.06 0.00 N | 42.24 0.50 0.00 N | 44.03 0.87 0.00 N | 62.95 0.90 0.00 N | 60.70 1.18 0.00 N | 69.05 2.16 0.00 N | 85.86 3.24 0.00 N | 71.65 2.89 0.00 N | 73.87 3.24 0.00 N | 83.70 3.15 0.00 N | 146.17 4.84 0.00 N | 169.43 6.00 0.00 N | 85.87 2.40 0.00 N | 65.77 1.30 -0.13 N | 61.81 0.97 0.00 N | 68.76 1.50 0.00 N | 56.50 1.35 0.00 N | 49.85 0.71 0.00 N | 51.87 -0.07 0.00 N |
| RUSSELL____2 23532 | 42.76 0.35 0.00 N | 40.42 -0.10 0.00 N | 33.35 -0.07 0.00 N | 34.24 -0.19 0.00 N | 40.75 -0.35 0.00 N | 43.78 -0.06 0.00 N | 42.24 0.50 0.00 N | 44.03 0.87 0.00 N | 62.95 0.90 0.00 N | 60.70 1.18 0.00 N | 69.05 2.16 0.00 N | 85.86 3.24 0.00 N | 71.65 2.89 0.00 N | 73.87 3.24 0.00 N | 83.70 3.15 0.00 N | 146.17 4.84 0.00 N | 169.43 6.00 0.00 N | 85.87 2.40 0.00 N | 65.77 1.30 -0.13 N | 61.81 0.97 0.00 N | 68.76 1.50 0.00 N | 56.50 1.35 0.00 N | 49.85 0.71 0.00 N | 51.87 -0.07 0.00 N |
| RUSSELL____3 23549 | 42.38 -0.03 0.00 N | 40.12 -0.40 0.00 N | 33.14 -0.28 0.00 N | 34.03 -0.40 0.00 N | 40.46 -0.63 0.00 N | 43.45 -0.39 0.00 N | 41.88 0.14 0.00 N | 43.56 0.41 0.00 N | 62.14 0.09 0.00 N | 59.67 0.15 0.00 N | 67.69 0.80 0.00 N | 84.01 1.40 0.00 N | 70.01 1.24 0.00 N | 72.08 1.45 0.00 N | 81.73 1.19 0.00 N | 142.98 1.66 0.00 N | 165.86 2.43 0.00 N | 84.09 0.62 0.00 N | 64.47 0.01 -0.14 N | 60.63 -0.22 0.00 N | 67.45 0.19 0.00 N | 55.55 0.40 0.00 N | 49.24 0.10 0.00 N | 51.37 -0.57 0.00 N |
| RUSSELL____4 23556 | 42.74 0.33 0.00 N | 40.39 -0.12 0.00 N | 33.34 -0.08 0.00 N | 34.23 -0.20 0.00 N | 40.73 -0.36 0.00 N | 43.76 -0.08 0.00 N | 42.21 0.48 0.00 N | 43.99 0.84 0.00 N | 62.91 0.86 0.00 N | 60.68 1.16 0.00 N | 69.00 2.11 0.00 N | 85.79 3.18 0.00 N | 71.60 2.83 0.00 N | 73.80 3.17 0.00 N | 83.62 3.07 0.00 N | 146.05 4.73 0.00 N | 169.34 5.91 0.00 N | 85.82 2.35 0.00 N | 65.71 1.25 -0.13 N | 61.79 0.95 0.00 N | 68.72 1.46 0.00 N | 56.47 1.32 0.00 N | 49.83 0.70 0.00 N | 51.84 -0.10 0.00 N |
| RUSSELL____STATION 23914 | 42.38 -0.03 0.00 N | 40.12 -0.40 0.00 N | 33.14 -0.28 0.00 N | 34.03 -0.40 0.00 N | 40.46 -0.63 0.00 N | 43.45 -0.39 0.00 N | 41.88 0.14 0.00 N | 43.56 0.41 0.00 N | 62.14 0.09 0.00 N | 59.67 0.15 0.00 N | 67.69 0.80 0.00 N | 84.01 1.40 0.00 N | 70.01 1.24 0.00 N | 72.08 1.45 0.00 N | 81.73 1.19 0.00 N | 142.98 1.66 0.00 N | 165.86 2.43 0.00 N | 84.09 0.62 0.00 N | 64.47 0.01 -0.14 N | 60.63 -0.22 0.00 N | 67.45 0.19 0.00 N | 55.55 0.40 0.00 N | 49.24 0.10 0.00 N | 51.37 -0.57 0.00 N |
| S SALMON____HYD 24043 | 42.58 0.17 0.00 N | 40.53 0.01 0.00 N | 33.42 0.00 0.00 N | 34.37 -0.05 0.00 N | 41.03 -0.06 0.00 N | 43.86 0.02 0.00 N | 41.92 0.18 0.00 N | 43.44 0.28 0.00 N | 62.40 0.34 0.00 N | 60.23 0.70 0.00 N | 67.88 0.99 0.00 N | 83.29 0.67 0.00 N | 69.32 0.55 0.00 N | 71.32 0.69 0.00 N | 81.04 0.49 0.00 N | 142.20 0.87 0.00 N | 164.70 1.26 0.00 N | 83.92 0.45 0.00 N | 64.87 0.47 -0.08 N | 61.42 0.58 0.00 N | 68.20 0.93 0.00 N | 56.16 1.01 0.00 N | 49.67 0.53 0.00 N | 52.23 0.29 0.00 N |
| SELKIRK____II 23799 | 42.51 0.10 0.00 N | 40.79 0.27 0.00 N | 33.61 0.19 0.00 N | 34.41 -0.01 0.00 N | 41.14 0.05 0.00 N | 43.83 -0.01 0.00 N | 41.92 0.19 0.00 N | 43.64 0.48 0.00 N | 63.18 1.12 0.00 N | 61.31 1.79 0.00 N | 69.33 2.44 0.00 N | 85.68 3.06 0.00 N | 71.46 2.69 0.00 N | 73.17 2.54 0.00 N | 83.52 2.97 0.00 N | 146.61 5.28 0.00 N | 169.59 6.16 0.00 N | 86.83 3.36 0.00 N | 68.47 2.63 -1.52 N | 63.24 2.40 0.00 N | 69.78 2.51 0.00 N | 56.53 1.38 0.00 N | 49.84 0.71 0.00 N | 52.07 0.13 0.00 N |
| SELKIRK____I 23801 | 42.90 0.49 0.00 N | 41.15 0.63 0.00 N | 33.93 0.50 0.00 N | 34.76 0.34 0.00 N | 41.55 0.46 0.00 N | 44.28 0.44 0.00 N | 42.21 0.48 0.00 N | 43.91 0.75 0.00 N | 63.53 1.47 0.00 N | 61.55 2.02 0.00 N | 69.63 2.74 0.00 N | 86.09 3.47 0.00 N | 71.75 2.98 0.00 N | 73.47 2.84 0.00 N | 83.89 3.34 0.00 N | 147.32 5.99 0.00 N | 170.37 6.94 0.00 N | 87.18 3.70 0.00 N | 68.74 2.90 -1.51 N | 63.51 2.67 0.00 N | 70.12 2.86 0.00 N | 56.83 1.68 0.00 N | 50.09 0.95 0.00 N | 52.39 0.45 0.00 N |

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| SENECA OSWGO___HYD 24041 | 41.76 -0.65 0.00 N | 39.81 -0.71 0.00 N | 32.84 -0.58 0.00 N | 33.76 -0.67 0.00 N | 40.27 -0.82 0.00 N | 42.96 -0.88 0.00 N | 40.99 -0.75 0.00 N | 42.52 -0.64 0.00 N | 61.19 -0.87 0.00 N | 58.90 -0.63 0.00 N | 66.50 -0.39 0.00 N | 82.15 -0.47 0.00 N | 68.35 -0.42 0.00 N | 70.27 -0.36 0.00 N | 80.06 -0.49 0.00 N | 140.50 -0.82 0.00 N | 162.74 -0.69 0.00 N | 82.90 -0.58 0.00 N | 63.81 -0.60 0.00 N | 60.27 -0.57 0.00 N | 66.88 -0.38 0.00 N | 54.78 -0.37 0.00 N | 48.47 -0.66 0.00 N | 51.05 -0.88 0.00 N |
| SENECA___ENERGY 23797 | 41.21 -1.21 0.00 N | 39.22 -1.30 0.00 N | 32.46 -0.96 0.00 N | 33.44 -0.99 0.00 N | 39.72 -1.37 0.00 N | 42.42 -1.42 0.00 N | 40.71 -1.03 0.00 N | 42.33 -0.82 0.00 N | 60.75 -1.31 0.00 N | 58.54 -0.98 0.00 N | 66.40 -0.49 0.00 N | 82.47 -0.14 0.00 N | 68.54 -0.23 0.00 N | 70.63 0.00 0.00 N | 80.29 -0.26 0.00 N | 141.02 -0.31 0.00 N | 163.80 0.37 0.00 N | 83.05 -0.43 0.00 N | 63.68 -0.79 0.00 N | 60.13 -0.72 0.00 N | 66.94 -0.32 0.00 N | 54.96 -0.19 0.00 N | 48.42 -0.72 0.00 N | 50.69 -1.25 0.00 N |
| SHOEMAKER___GT 23640 | 44.77 2.36 0.00 N | 42.77 2.25 0.00 N | 35.17 1.75 0.00 N | 36.04 1.61 0.00 N | 43.02 1.93 0.00 N | 45.91 2.07 0.00 N | 44.09 2.35 0.00 N | 45.93 2.77 0.00 N | 66.38 4.33 0.00 N | 64.27 4.74 0.00 N | 72.98 6.09 0.00 N | 90.50 7.88 0.00 N | 75.49 6.72 0.00 N | 77.32 6.69 0.00 N | 88.31 7.76 0.00 N | 155.27 13.95 0.00 N | 179.72 16.29 0.00 N | 91.88 8.41 0.00 N | 71.67 6.24 0.00 N | 66.66 5.82 0.00 N | 73.71 6.45 0.00 N | 59.75 4.59 0.00 N | 52.51 3.38 0.00 N | 54.77 2.83 0.00 N |
| SHOREHAM_IC_1 23715 | 46.67 4.24 -0.02 N | 44.48 3.96 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.66 0.00 N | 44.15 3.06 0.00 N | 47.16 3.31 0.00 N | 45.80 4.06 0.00 N | 48.14 4.99 0.00 N | 150.04 7.71 -80.28 N | 68.14 8.06 -0.56 N | 127.37 9.82 -50.66 N | 114.93 12.66 -19.65 N | 76.50 7.67 0.00 N | 84.98 7.97 -6.38 N | 89.33 8.78 0.00 N | 156.68 15.35 0.00 N | 179.50 16.07 0.00 N | 91.55 8.08 0.00 N | 71.61 6.09 -1.20 N | 66.60 5.75 0.00 N | 73.36 6.09 0.00 N | 60.73 5.58 0.00 N | 116.92 5.45 -62.33 N | 134.17 5.45 -76.78 N |
| SHOREHAM_IC_2 23716 | 46.67 4.24 -0.02 N | 44.48 3.96 0.00 N | 36.48 3.04 -0.01 N | 37.09 2.66 0.00 N | 44.15 3.06 0.00 N | 47.16 3.31 0.00 N | 45.80 4.06 0.00 N | 48.14 4.99 0.00 N | 150.04 7.71 -80.28 N | 68.14 8.06 -0.56 N | 127.37 9.82 -50.66 N | 114.93 12.66 -19.65 N | 76.50 7.67 0.00 N | 84.98 7.97 -6.38 N | 89.33 8.78 0.00 N | 156.68 15.35 0.00 N | 179.50 16.07 0.00 N | 91.55 8.08 0.00 N | 71.61 6.09 -1.20 N | 66.60 5.75 0.00 N | 73.36 6.09 0.00 N | 60.73 5.58 0.00 N | 116.92 5.45 -62.33 N | 134.17 5.45 -76.78 N |
| SISSONVILLE____ 23735 | 42.81 0.40 0.00 N | 40.78 0.26 0.00 N | 33.84 0.41 0.00 N | 35.06 0.63 0.00 N | 41.92 0.82 0.00 N | 44.89 1.05 0.00 N | 42.42 0.68 0.00 N | 43.82 0.66 0.00 N | 61.64 -0.42 0.00 N | 58.17 -1.35 0.00 N | 64.22 -2.67 0.00 N | 78.55 -4.07 0.00 N | 65.21 -3.56 0.00 N | 67.56 -3.07 0.00 N | 76.08 -4.47 0.00 N | 133.21 -8.11 0.00 N | 153.44 -9.99 0.00 N | 78.35 -5.12 0.00 N | 60.63 -3.70 0.00 N | 58.37 -2.48 0.00 N | 63.76 -3.50 0.00 N | 53.31 -1.85 0.00 N | 49.17 0.04 0.00 N | 52.63 0.69 0.00 N |
| SITHE_IND_GS1 24169 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.32 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.33 -1.51 0.00 N | 40.32 -1.41 0.00 N | 41.79 -1.37 0.00 N | 60.06 -2.00 0.00 N | 57.73 -1.80 0.00 N | 65.09 -1.80 0.00 N | 80.44 -2.17 0.00 N | 66.95 -1.82 0.00 N | 68.77 -1.87 0.00 N | 78.35 -2.20 0.00 N | 137.44 -3.88 0.00 N | 159.10 -4.33 0.00 N | 81.12 -2.35 0.00 N | 62.49 -1.91 -0.07 N | 59.00 -1.84 0.00 N | 65.39 -1.87 0.00 N | 53.64 -1.52 0.00 N | 47.62 -1.52 0.00 N | 50.29 -1.65 0.00 N |
| SITHE_IND_GS2 24170 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.32 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.33 -1.51 0.00 N | 40.32 -1.41 0.00 N | 41.79 -1.37 0.00 N | 60.06 -2.00 0.00 N | 57.73 -1.80 0.00 N | 65.09 -1.80 0.00 N | 80.44 -2.17 0.00 N | 66.95 -1.82 0.00 N | 68.77 -1.87 0.00 N | 78.35 -2.20 0.00 N | 137.44 -3.88 0.00 N | 159.10 -4.33 0.00 N | 81.12 -2.35 0.00 N | 62.49 -1.91 -0.07 N | 59.00 -1.84 0.00 N | 65.39 -1.87 0.00 N | 53.64 -1.52 0.00 N | 47.62 -1.52 0.00 N | 50.29 -1.65 0.00 N |
| SITHE_IND_GS3 24171 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.32 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.33 -1.51 0.00 N | 40.32 -1.41 0.00 N | 41.79 -1.37 0.00 N | 60.06 -2.00 0.00 N | 57.73 -1.80 0.00 N | 65.09 -1.80 0.00 N | 80.44 -2.17 0.00 N | 66.95 -1.82 0.00 N | 68.77 -1.87 0.00 N | 78.35 -2.20 0.00 N | 137.44 -3.88 0.00 N | 159.10 -4.33 0.00 N | 81.12 -2.35 0.00 N | 62.49 -1.91 -0.07 N | 59.00 -1.84 0.00 N | 65.39 -1.87 0.00 N | 53.64 -1.52 0.00 N | 47.62 -1.52 0.00 N | 50.29 -1.65 0.00 N |
| SITHE_IND_GS4 24172 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.32 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.33 -1.51 0.00 N | 40.32 -1.41 0.00 N | 41.79 -1.37 0.00 N | 60.06 -2.00 0.00 N | 57.73 -1.80 0.00 N | 65.09 -1.80 0.00 N | 80.44 -2.17 0.00 N | 66.95 -1.82 0.00 N | 68.77 -1.87 0.00 N | 78.35 -2.20 0.00 N | 137.44 -3.88 0.00 N | 159.10 -4.33 0.00 N | 81.12 -2.35 0.00 N | 62.49 -1.91 -0.07 N | 59.00 -1.84 0.00 N | 65.39 -1.87 0.00 N | 53.64 -1.52 0.00 N | 47.62 -1.52 0.00 N | 50.29 -1.65 0.00 N |
| SITHE___BATAVIA 24024 | 41.16 -1.25 0.00 N | 38.93 -1.58 0.00 N | 32.27 -1.16 0.00 N | 33.12 -1.30 0.00 N | 39.29 -1.80 0.00 N | 42.28 -1.57 0.00 N | 40.80 -0.94 0.00 N | 42.43 -0.73 0.00 N | 59.86 -2.20 0.00 N | 57.19 -2.33 0.00 N | 64.75 -2.14 0.00 N | 80.22 -2.39 0.00 N | 66.54 -2.23 0.00 N | 68.36 -2.27 0.00 N | 77.42 -3.13 0.00 N | 135.51 -5.83 0.00 N | 157.33 -6.10 0.00 N | 79.39 -4.08 0.00 N | 60.78 -3.71 -0.16 N | 57.16 -3.69 0.00 N | 63.86 -3.40 0.00 N | 53.05 -2.10 0.00 N | 47.42 -1.71 0.00 N | 49.35 -2.58 0.00 N |
| SITHE___INDEPEND 23800 | 41.14 -1.27 0.00 N | 39.25 -1.27 0.00 N | 32.40 -1.02 0.00 N | 33.32 -1.11 0.00 N | 39.73 -1.36 0.00 N | 42.33 -1.51 0.00 N | 40.32 -1.41 0.00 N | 41.79 -1.37 0.00 N | 60.06 -2.00 0.00 N | 57.73 -1.80 0.00 N | 65.09 -1.80 0.00 N | 80.44 -2.17 0.00 N | 66.95 -1.82 0.00 N | 68.77 -1.87 0.00 N | 78.35 -2.20 0.00 N | 137.44 -3.88 0.00 N | 159.10 -4.33 0.00 N | 81.12 -2.35 0.00 N | 62.49 -1.91 -0.07 N | 59.00 -1.84 0.00 N | 65.39 -1.87 0.00 N | 53.64 -1.52 0.00 N | 47.62 -1.52 0.00 N | 50.29 -1.65 0.00 N |
| SITHE___MASSENA 23902 | 42.74 0.33 0.00 N | 40.75 0.23 0.00 N | 33.71 0.29 0.00 N | 34.90 0.47 0.00 N | 41.69 0.60 0.00 N | 44.61 0.77 0.00 N | 42.17 0.44 0.00 N | 43.37 0.21 0.00 N | 61.54 -0.52 0.00 N | 58.28 -1.24 0.00 N | 64.69 -2.21 0.00 N | 79.32 -3.30 0.00 N | 65.90 -2.87 0.00 N | 68.15 -2.48 0.00 N | 77.21 -3.33 0.00 N | 135.28 -6.05 0.00 N | 155.93 -7.51 0.00 N | 79.64 -3.83 0.00 N | 61.59 -2.74 0.00 N | 58.79 -2.05 0.00 N | 64.43 -2.83 0.00 N | 53.57 -1.59 0.00 N | 48.94 -0.19 0.00 N | 52.46 0.52 0.00 N |
| SITHE___OGDNSBRG 24021 | 43.48 1.07 0.00 N | 41.42 0.90 0.00 N | 34.28 0.86 0.00 N | 35.51 1.08 0.00 N | 42.45 1.36 0.00 N | 45.50 1.66 0.00 N | 43.05 1.32 0.00 N | 44.38 1.22 0.00 N | 62.88 0.82 0.00 N | 59.49 -0.04 0.00 N | 65.96 -0.93 0.00 N | 80.82 -1.80 0.00 N | 67.11 -1.66 0.00 N | 69.54 -1.10 0.00 N | 78.50 -2.05 0.00 N | 137.48 -3.84 0.00 N | 158.53 -4.90 0.00 N | 80.87 -2.60 0.00 N | 62.51 -1.81 0.00 N | 59.88 -0.96 0.00 N | 65.55 -1.71 0.00 N | 54.58 -0.57 0.00 N | 49.97 0.83 0.00 N | 53.50 1.56 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|---|
| SITHE___STERLING 23777 | 42.70 0.29 0.00 N | 40.71 0.19 0.00 N | 33.56 0.14 0.00 N | 34.51 0.09 0.00 N | 41.19 0.10 0.00 N | 44.04 0.19 0.00 N | 42.10 0.37 0.00 N | 43.84 0.69 0.00 N | 63.28 1.22 0.00 N | 60.97 1.45 0.00 N | 68.97 2.07 0.00 N | 85.46 2.84 0.00 N | 71.16 2.39 0.00 N | 73.17 2.54 0.00 N | 83.29 2.75 0.00 N | 146.23 4.91 0.00 N | 169.43 6.00 0.00 N | 86.23 2.76 0.00 N | 66.24 1.88 -0.04 N | 62.63 1.78 0.00 N | 69.46 2.20 0.00 N | 56.80 1.64 0.00 N | 50.10 0.96 0.00 N | 52.51 0.57 0.00 N | |
| SOUTH CAIRO___GT 23612 | 44.71 2.30 0.00 N | 42.70 2.18 0.00 N | 35.37 1.95 0.00 N | 36.12 1.69 0.00 N | 43.06 1.97 0.00 N | 45.96 2.11 0.00 N | 43.94 2.20 0.00 N | 45.89 2.73 0.00 N | 66.84 4.78 0.00 N | 65.06 5.54 0.00 N | 74.06 7.16 0.00 N | 91.94 9.32 0.00 N | 76.86 8.09 0.00 N | 78.88 8.25 0.00 N | 90.06 9.51 0.00 N | 158.28 16.96 0.00 N | 183.16 19.72 0.00 N | 93.57 10.10 0.00 N | 73.24 7.55 -1.37 N | 67.84 7.00 0.00 N | 74.94 7.67 0.00 N | 60.48 5.33 0.00 N | 52.96 3.82 0.00 N | 55.17 3.23 0.00 N | |
| SOUTH HAMPTN___IC 23720 | 47.47 5.04 -0.02 N | 45.14 4.62 0.00 N | 36.98 3.55 -0.01 N | 37.58 3.15 0.00 N | 44.73 3.64 0.00 N | 47.91 4.07 0.00 N | 46.63 4.90 0.00 N | 49.09 5.93 0.00 N | 151.61 9.28 -80.28 N | 69.87 9.78 -0.56 N | 129.30 11.75 -50.66 N | 117.60 15.33 -19.65 N | 80.04 11.20 -0.07 N | 88.67 11.66 -6.38 N | 93.66 13.11 0.00 N | 164.22 22.89 0.00 N | 188.30 24.87 0.00 N | 95.75 12.28 0.00 N | 74.62 9.09 -1.20 N | 69.42 8.58 0.00 N | 76.53 9.26 0.00 N | 62.81 7.65 0.00 N | 118.27 6.80 -62.33 N | 135.42 6.70 -76.78 N | |
| SOUTHOLD___IC 23719 | 51.82 9.39 -0.02 N | 49.15 8.63 0.00 N | 40.27 6.83 -0.01 N | 41.00 6.57 0.00 N | 48.86 7.76 0.00 N | 52.35 8.50 0.00 N | 50.99 9.26 0.00 N | 53.88 10.72 0.00 N | 158.88 16.55 -80.28 N | 77.02 16.93 -0.56 N | 136.69 19.14 -50.66 N | 126.27 24.00 -19.65 N | 87.40 18.57 -0.07 N | 96.26 19.25 -6.38 N | 102.57 22.02 0.00 N | 179.47 38.14 0.00 N | 205.87 42.44 0.00 N | 103.99 20.51 0.00 N | 80.37 14.84 -1.20 N | 74.94 14.10 0.00 N | 83.06 15.80 0.00 N | 67.77 12.61 0.00 N | 123.20 11.74 -62.33 N | 140.73 12.00 -76.78 N | |
| ST LAWRENCE___ 23600 | 42.35 -0.06 0.00 N | 40.38 -0.14 0.00 N | 33.30 -0.12 0.00 N | 34.48 0.05 0.00 N | 41.17 0.08 0.00 N | 44.02 0.18 0.00 N | 41.73 -0.01 0.00 N | 42.75 -0.41 0.00 N | 60.90 -1.15 0.00 N | 57.73 -1.80 0.00 N | 64.12 -2.77 0.00 N | 78.79 -3.82 0.00 N | 65.49 -3.28 0.00 N | 67.58 -3.05 0.00 N | 77.00 -3.54 0.00 N | 134.91 -6.42 0.00 N | 155.51 -7.92 0.00 N | 79.45 -4.02 0.00 N | 61.44 -2.89 0.00 N | 58.28 -2.56 0.00 N | 64.22 -3.04 0.00 N | 53.35 -1.80 0.00 N | 48.45 -0.68 0.00 N | 51.96 0.02 0.00 N | |
| STATION 5_MISC_HYD 23604 | 43.09 0.68 0.00 N | 40.53 0.01 0.00 N | 33.33 -0.09 0.00 N | 34.15 -0.28 0.00 N | 40.58 -0.51 0.00 N | 43.62 -0.22 0.00 N | 42.21 0.47 0.00 N | 44.08 0.92 0.00 N | 63.09 1.03 0.00 N | 61.11 1.59 0.00 N | 69.99 3.10 0.00 N | 87.90 5.28 0.00 N | 73.96 5.19 0.00 N | 76.57 5.94 0.00 N | 86.85 6.31 0.00 N | 151.66 10.33 0.00 N | 176.23 12.80 0.00 N | 89.45 5.98 0.00 N | 68.52 4.06 -0.13 N | 64.30 3.45 0.00 N | 71.22 3.96 0.00 N | 58.30 3.15 0.00 N | 50.93 1.80 0.00 N | 52.46 0.52 0.00 N | |
| STEEL___WIND 323596 | 40.51 -1.90 0.00 N | 38.39 -2.12 0.00 N | 31.90 -1.52 0.00 N | 32.82 -1.61 0.00 N | 38.87 -2.22 0.00 N | 41.69 -2.15 0.00 N | 40.14 -1.60 0.00 N | 41.71 -1.44 0.00 N | 58.68 -3.38 0.00 N | 55.86 -3.66 0.00 N | 63.11 -3.78 0.00 N | 78.03 -4.59 0.00 N | 64.55 -4.22 0.00 N | 66.31 -4.32 0.00 N | 75.10 -5.45 0.00 N | 131.75 -9.58 0.00 N | 153.47 -9.97 0.00 N | 77.34 -6.13 0.00 N | 59.11 -5.40 -0.19 N | 55.76 -5.08 0.00 N | 62.34 -4.93 0.00 N | 51.93 -3.23 0.00 N | 46.50 -2.64 0.00 N | 48.45 -3.49 0.00 N | |
| STONY___BROOK 24151 | 46.65 4.22 -0.02 N | 44.55 4.03 0.00 N | 36.57 3.13 -0.01 N | 37.18 2.75 0.00 N | 44.26 3.17 0.00 N | 47.26 3.42 0.00 N | 45.92 4.19 0.00 N | 48.26 5.10 0.00 N | 150.01 7.68 -80.28 N | 67.68 7.59 -0.56 N | 126.86 9.31 -50.66 N | 114.34 12.07 -19.65 N | 77.98 9.14 -0.07 N | 86.45 9.44 -6.38 N | 90.87 10.32 0.00 N | 159.78 18.45 0.00 N | 183.07 19.64 0.00 N | 93.44 9.97 0.00 N | 73.07 7.54 -1.20 N | 68.05 7.21 0.00 N | 74.92 7.66 0.00 N | 61.44 6.28 0.00 N | 116.83 5.36 -62.33 N | 133.86 5.14 -76.78 N | |
| STURGEON_POOL_HYD 23609 | 46.29 3.88 0.00 N | 44.18 3.66 0.00 N | 36.34 2.92 0.00 N | 37.34 2.91 0.00 N | 44.67 3.58 0.00 N | 47.75 3.90 0.00 N | 45.93 4.19 0.00 N | 47.77 4.62 0.00 N | 69.07 7.01 0.00 N | 66.57 7.04 0.00 N | 75.26 8.37 0.00 N | 93.31 10.69 0.00 N | 77.89 9.13 0.00 N | 79.93 9.29 0.00 N | 91.05 10.50 0.00 N | 160.64 19.32 0.00 N | 186.21 22.78 0.00 N | 95.28 11.81 0.00 N | 74.36 8.82 -1.21 N | 69.05 8.20 0.00 N | 76.25 8.99 0.00 N | 61.63 6.47 0.00 N | 54.05 4.91 0.00 N | 56.37 4.44 0.00 N | |
| SYRACUSE___ENERGY_ST1 323597 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 -0.11 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N | |
| SYRACUSE___ENERGY_ST2 323598 | 42.05 -0.37 0.00 N | 40.06 -0.46 0.00 N | 33.05 -0.37 0.00 N | 33.98 -0.45 0.00 N | 40.51 -0.58 0.00 N | 43.24 -0.61 0.00 N | 41.32 -0.42 0.00 N | 42.90 -0.26 0.00 N | 61.73 -0.33 0.00 N | 59.45 -0.07 0.00 N | 67.24 0.35 0.00 N | 83.25 0.63 0.00 N | 69.29 0.52 0.00 N | 71.25 0.62 0.00 N | 81.17 0.63 0.00 N | 142.47 1.14 0.00 N | 165.08 1.65 0.00 N | 84.02 0.55 0.00 N | 64.63 0.19 -0.11 N | 60.99 0.14 0.00 N | 67.68 0.42 0.00 N | 55.43 0.28 0.00 N | 48.98 -0.16 0.00 N | 51.51 -0.43 0.00 N | |
| SYRACUSE___POWER 24017 | 42.05 -0.36 0.00 N | 40.07 -0.44 0.00 N | 33.04 -0.38 0.00 N | 33.97 -0.46 0.00 N | 40.49 -0.59 0.00 N | 43.22 -0.62 0.00 N | 41.30 -0.44 0.00 N | 42.91 -0.25 0.00 N | 61.81 -0.25 0.00 N | 59.57 0.05 0.00 N | 67.40 0.51 0.00 N | 83.44 0.82 0.00 N | 69.44 0.67 0.00 N | 71.40 0.77 0.00 N | 81.33 0.78 0.00 N | 142.81 1.48 0.00 N | 165.52 2.09 0.00 N | 84.25 0.78 0.00 N | 64.80 0.36 -0.11 N | 61.10 0.26 0.00 N | 67.85 0.58 0.00 N | 55.59 0.43 0.00 N | 49.07 -0.06 0.00 N | 51.56 -0.38 0.00 N | |
| UNION___PROCESSING_DRP 323587 | 41.71 -0.70 0.00 N | 39.55 -0.97 0.00 N | 32.70 -0.72 0.00 N | 33.58 -0.85 0.00 N | 39.91 -1.18 0.00 N | 42.82 -1.03 0.00 N | 41.19 -0.55 0.00 N | 42.79 -0.37 0.00 N | 60.94 -1.12 0.00 N | 58.41 -1.11 0.00 N | 66.14 -0.75 0.00 N | 81.98 -0.64 0.00 N | 68.21 -0.55 0.00 N | 70.15 -0.48 0.00 N | 79.62 -0.93 0.00 N | 139.36 -1.97 0.00 N | 161.57 -1.86 0.00 N | 81.88 -1.59 0.00 N | 62.83 -1.63 -0.14 N | 59.11 -1.73 0.00 N | 65.78 -1.48 0.00 N | 54.28 -0.87 0.00 N | 48.25 -0.88 0.00 N | 50.48 -1.46 0.00 N | |
| UPPER HUDSON___HYD | 43.11 | 41.36 | 33.95 | 34.72 | 41.72 | 44.62 | 43.03 | 44.77 | 65.49 | 64.09 | 72.76 | 90.63 | 75.38 | 77.47 | 88.23 | 154.79 | 179.10 | 91.52 | 72.30 | 66.65 | 73.44 | 59.06 | 51.63 | 53.46 | |

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|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|
| 24058 | 0.70 0.00 N | 0.84 0.00 N | 0.53 0.00 N | 0.29 0.00 N | 0.63 0.00 N | 0.77 0.00 N | 1.29 0.00 N | 1.62 0.00 N | 3.43 0.00 N | 4.57 0.00 N | 5.86 0.00 N | 8.02 0.00 N | 6.61 0.00 N | 6.84 0.00 N | 7.68 0.00 N | 13.46 0.00 N | 15.66 0.00 N | 8.04 0.00 N | 6.39 -1.58 N | 5.80 0.00 N | 6.17 0.00 N | 3.90 0.00 N | 2.50 0.00 N | 1.52 0.00 N |
| UPPER RAQUET___HYD 24056 | 42.81 0.40 0.00 N | 40.78 0.26 0.00 N | 33.84 0.41 0.00 N | 35.06 0.63 0.00 N | 41.92 0.82 0.00 N | 44.89 1.05 0.00 N | 42.42 0.68 0.00 N | 43.82 0.66 0.00 N | 61.64 -0.42 0.00 N | 58.17 -1.35 0.00 N | 64.22 -2.67 0.00 N | 78.55 -4.07 0.00 N | 65.21 -3.56 0.00 N | 67.56 -3.07 0.00 N | 76.08 -4.47 0.00 N | 133.21 -8.11 0.00 N | 153.44 -9.99 0.00 N | 78.35 -5.12 0.00 N | 60.63 -3.70 0.00 N | 58.37 -2.48 0.00 N | 63.76 -3.50 0.00 N | 53.31 -1.85 0.00 N | 49.17 0.04 0.00 N | 52.63 0.69 0.00 N |
| VISCHER___FERRY HYD 24020 | 43.46 1.04 0.00 N | 41.69 1.17 0.00 N | 34.30 0.88 0.00 N | 35.07 0.65 0.00 N | 42.02 0.93 0.00 N | 44.84 1.00 0.00 N | 43.12 1.39 0.00 N | 44.95 1.79 0.00 N | 65.37 3.31 0.00 N | 63.68 4.16 0.00 N | 72.17 5.28 0.00 N | 89.59 6.97 0.00 N | 74.81 6.04 0.00 N | 76.76 6.13 0.00 N | 87.59 7.04 0.00 N | 153.78 12.44 0.00 N | 177.95 14.52 0.00 N | 91.00 7.53 0.00 N | 71.64 5.77 -1.54 N | 66.13 5.29 0.00 N | 72.88 5.62 0.00 N | 58.69 3.54 0.00 N | 51.48 2.35 0.00 N | 53.53 1.59 0.00 N |
| WADING RIVER_IC_1 23522 | 46.75 4.32 -0.02 N | 44.53 4.02 0.00 N | 36.53 3.09 -0.01 N | 37.14 2.71 0.00 N | 44.21 3.12 0.00 N | 47.25 3.41 0.00 N | 45.90 4.16 0.00 N | 48.26 5.10 0.00 N | 150.23 7.90 -80.28 N | 68.34 8.26 -0.56 N | 127.58 10.03 -50.66 N | 115.27 13.00 -19.65 N | 77.47 8.64 -0.07 N | 86.01 9.00 -6.38 N | 90.48 9.93 0.00 N | 158.69 17.36 0.00 N | 181.88 18.45 0.00 N | 92.71 9.23 0.00 N | 72.47 6.94 -1.20 N | 67.41 6.57 0.00 N | 74.29 7.03 0.00 N | 61.37 6.21 0.00 N | 117.10 5.64 -62.33 N | 134.32 5.60 -76.78 N |
| WADING RIVER_IC_2 23547 | 46.75 4.32 -0.02 N | 44.53 4.02 0.00 N | 36.53 3.09 -0.01 N | 37.14 2.71 0.00 N | 44.21 3.12 0.00 N | 47.25 3.41 0.00 N | 45.90 4.16 0.00 N | 48.26 5.10 0.00 N | 150.23 7.90 -80.28 N | 68.34 8.26 -0.56 N | 127.58 10.03 -50.66 N | 115.27 13.00 -19.65 N | 77.47 8.64 -0.07 N | 86.01 9.00 -6.38 N | 90.48 9.93 0.00 N | 158.69 17.36 0.00 N | 181.88 18.45 0.00 N | 92.71 9.23 0.00 N | 72.47 6.94 -1.20 N | 67.41 6.57 0.00 N | 74.29 7.03 0.00 N | 61.37 6.21 0.00 N | 117.10 5.64 -62.33 N | 134.32 5.60 -76.78 N |
| WADING RIVER_IC_3 23601 | 46.75 4.32 -0.02 N | 44.53 4.02 0.00 N | 36.53 3.09 -0.01 N | 37.14 2.71 0.00 N | 44.21 3.12 0.00 N | 47.25 3.41 0.00 N | 45.90 4.16 0.00 N | 48.26 5.10 0.00 N | 150.23 7.90 -80.28 N | 68.34 8.26 -0.56 N | 127.58 10.03 -50.66 N | 115.27 13.00 -19.65 N | 77.47 8.64 -0.07 N | 86.01 9.00 -6.38 N | 90.48 9.93 0.00 N | 158.69 17.36 0.00 N | 181.88 18.45 0.00 N | 92.71 9.23 0.00 N | 72.47 6.94 -1.20 N | 67.41 6.57 0.00 N | 74.29 7.03 0.00 N | 61.37 6.21 0.00 N | 117.10 5.64 -62.33 N | 134.32 5.60 -76.78 N |
| WALDEN___HYDRO 24148 | 44.95 2.54 0.00 N | 42.89 2.37 0.00 N | 35.25 1.83 0.00 N | 36.10 1.67 0.00 N | 43.08 1.99 0.00 N | 45.92 2.07 0.00 N | 44.20 2.47 0.00 N | 46.01 2.85 0.00 N | 66.50 4.45 0.00 N | 64.48 4.96 0.00 N | 73.21 6.32 0.00 N | 90.81 8.19 0.00 N | 75.73 6.96 0.00 N | 77.52 6.89 0.00 N | 88.52 7.97 0.00 N | 155.68 14.35 0.00 N | 180.19 16.76 0.00 N | 92.21 8.74 0.00 N | 72.00 6.50 -1.17 N | 66.89 6.04 0.00 N | 73.91 6.65 0.00 N | 59.87 4.71 0.00 N | 52.62 3.48 0.00 N | 54.85 2.91 0.00 N |
| WARRENSBURG___ 23737 | 42.88 0.47 0.00 N | 41.13 0.61 0.00 N | 33.76 0.33 0.00 N | 34.51 0.09 0.00 N | 41.47 0.38 0.00 N | 44.34 0.49 0.00 N | 42.74 1.01 0.00 N | 44.47 1.31 0.00 N | 65.04 2.98 0.00 N | 63.66 4.13 0.00 N | 72.26 5.37 0.00 N | 89.99 7.37 0.00 N | 74.86 6.09 0.00 N | 76.92 6.29 0.00 N | 87.62 7.07 0.00 N | 153.72 12.39 0.00 N | 177.85 14.42 0.00 N | 90.91 7.44 0.00 N | 71.85 5.94 -1.58 N | 66.23 5.38 0.00 N | 72.94 5.68 0.00 N | 58.68 3.52 0.00 N | 51.34 2.20 0.00 N | 53.17 1.23 0.00 N |
| WATERSIDE___6 8 9 23538 | 45.30 3.20 0.32 N | 42.05 3.07 1.54 N | 34.35 2.35 1.42 N | 36.59 2.16 0.00 N | 43.65 2.56 0.00 N | 46.61 2.77 0.00 N | 43.88 3.20 1.06 N | 44.82 3.74 2.07 N | 65.13 5.52 2.44 N | 64.74 5.82 0.61 N | 70.72 7.36 3.53 N | 60.85 9.33 31.10 N | 82.26 7.91 -5.58 N | 78.55 7.68 -0.24 N | 89.38 8.83 0.00 N | 157.08 15.75 0.00 N | 182.09 18.17 -0.49 N | 95.15 9.38 -2.29 N | 75.69 7.02 -4.34 N | 67.39 6.54 0.00 N | 75.33 7.11 -0.95 N | 58.64 5.10 1.62 N | 52.15 3.87 0.86 N | 53.43 3.31 1.83 N |
| WDELAWARE___HYD 323627 | 41.38 -1.04 0.00 N | 39.41 -1.11 0.00 N | 32.32 -1.10 0.00 N | 33.03 -1.40 0.00 N | 39.38 -1.71 0.00 N | 42.05 -1.79 0.00 N | 40.51 -1.22 0.00 N | 42.34 -0.82 0.00 N | 61.68 -0.37 0.00 N | 60.07 0.55 0.00 N | 68.33 1.44 0.00 N | 84.86 2.24 0.00 N | 71.06 2.29 0.00 N | 72.96 2.33 0.00 N | 83.48 2.93 0.00 N | 146.73 5.40 0.00 N | 169.69 6.26 0.00 N | 86.66 3.19 0.00 N | 67.55 2.17 -1.05 N | 62.61 1.77 0.00 N | 69.16 1.89 0.00 N | 55.87 0.72 0.00 N | 48.87 -0.26 0.00 N | 50.76 -1.17 0.00 N |
| WEST BABYLON___IC 23714 | 46.88 4.43 -0.04 N | 44.70 4.17 -0.01 N | 36.68 3.22 -0.04 N | 37.27 2.85 0.00 N | 44.39 3.30 0.00 N | 47.43 3.59 0.00 N | 45.99 4.25 0.00 N | 48.25 5.09 0.00 N | 150.12 7.79 -80.28 N | 68.32 8.23 -0.56 N | 127.61 10.06 -50.66 N | 115.33 13.06 -19.65 N | 79.40 10.56 -0.07 N | 87.81 10.80 -6.38 N | 92.68 12.13 0.00 N | 162.66 21.33 0.00 N | 187.03 23.60 0.00 N | 95.36 11.89 0.00 N | 74.46 8.93 -1.20 N | 69.19 8.35 0.00 N | 76.33 9.07 0.00 N | 62.15 6.99 0.00 N | 117.07 5.60 -62.33 N | 134.02 5.30 -76.78 N |
| WEST CANADA___HYD 24049 | 42.47 0.05 0.00 N | 40.60 0.08 0.00 N | 33.49 0.07 0.00 N | 34.44 0.01 0.00 N | 41.13 0.04 0.00 N | 43.86 0.02 0.00 N | 41.79 0.05 0.00 N | 43.32 0.16 0.00 N | 62.43 0.37 0.00 N | 60.01 0.49 0.00 N | 67.63 0.74 0.00 N | 83.53 0.91 0.00 N | 69.58 0.81 0.00 N | 71.45 0.82 0.00 N | 81.48 0.93 0.00 N | 143.03 1.70 0.00 N | 165.43 2.00 0.00 N | 84.56 1.09 0.00 N | 65.10 0.80 0.03 N | 61.58 0.74 0.00 N | 68.08 0.82 0.00 N | 55.64 0.49 0.00 N | 49.39 0.26 0.00 N | 52.04 0.10 0.00 N |
| WESTERN_NY_WIND 24143 | 41.22 -1.19 0.00 N | 38.99 -1.53 0.00 N | 32.33 -1.10 0.00 N | 33.18 -1.25 0.00 N | 39.36 -1.73 0.00 N | 42.34 -1.50 0.00 N | 40.87 -0.87 0.00 N | 42.49 -0.67 0.00 N | 59.92 -2.14 0.00 N | 57.23 -2.30 0.00 N | 64.81 -2.08 0.00 N | 80.27 -2.34 0.00 N | 66.57 -2.20 0.00 N | 68.38 -2.25 0.00 N | 77.45 -3.10 0.00 N | 135.55 -5.78 0.00 N | 157.39 -6.04 0.00 N | 79.41 -4.06 0.00 N | 60.78 -3.70 -0.16 N | 57.17 -3.67 0.00 N | 63.88 -3.39 0.00 N | 53.11 -2.05 0.00 N | 47.47 -1.67 0.00 N | 49.40 -2.54 0.00 N |
| WESTOVER___LESR 323668 | 41.84 -0.57 0.00 N | 39.94 -0.57 0.00 N | 32.98 -0.45 0.00 N | 33.97 -0.46 0.00 N | 40.46 -0.63 0.00 N | 43.13 -0.72 0.00 N | 41.27 -0.46 0.00 N | 43.10 -0.05 0.00 N | 61.97 -0.09 0.00 N | 59.78 0.25 0.00 N | 67.79 0.90 0.00 N | 84.31 1.69 0.00 N | 69.94 1.17 0.00 N | 72.12 1.49 0.00 N | 81.94 1.39 0.00 N | 144.26 2.93 0.00 N | 167.97 4.54 0.00 N | 85.27 1.80 0.00 N | 65.56 0.85 -0.39 N | 61.88 1.04 0.00 N | 68.57 1.31 0.00 N | 55.80 0.65 0.00 N | 48.99 -0.15 0.00 N | 51.14 -0.80 0.00 N |

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