

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/19/2008

| Name PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-----------------------|-----------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| 59TH STREET_GT_1 24138 | 134.13 9.83 -35.74 | 108.05 8.94 -12.27 | 105.06 8.90 -9.70 | 104.40 8.45 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 129.47 9.08 -35.57 | 146.20 9.87 -47.40 | 152.78 10.17 -52.65 | 155.99 12.15 -39.07 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.54 15.16 -61.05 | 174.85 14.63 -43.14 | 160.32 12.82 -42.38 | 163.52 12.12 -48.67 | 170.66 11.19 -66.18 | 166.14 9.43 -76.10 | 142.54 11.63 -27.95 |
| 74TH STREET_GT_1 24260 | 135.42 9.92 -36.94 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 131.35 9.16 -37.36 | 147.85 9.96 -48.96 | 154.18 10.17 -54.05 | 156.21 12.15 -39.29 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.42 15.04 -61.06 | 174.85 14.63 -43.14 | 160.22 12.72 -42.38 | 163.83 12.12 -48.98 | 172.21 11.29 -67.64 | 169.17 9.51 -79.05 | 142.94 11.74 -28.25 |
| 74TH STREET_GT_2 24261 | 135.42 9.92 -36.94 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 131.35 9.16 -37.36 | 147.85 9.96 -48.96 | 154.18 10.17 -54.05 | 156.21 12.15 -39.29 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.42 15.04 -61.06 | 174.85 14.63 -43.14 | 160.22 12.72 -42.38 | 163.83 12.12 -48.98 | 172.21 11.29 -67.64 | 169.17 9.51 -79.05 | 142.94 11.74 -28.25 |
| ADK HUDSON___FALLS 24011 | 120.72 8.50 -23.66 | 111.04 8.25 -15.95 | 106.50 7.43 -12.62 | 106.12 7.24 -12.65 | 103.79 7.90 -6.08 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.60 7.72 -12.06 | 129.00 8.09 -31.98 | 139.25 7.47 -41.81 | 160.51 9.11 -46.63 | 168.02 9.30 -47.96 | 173.68 9.62 -37.47 | 187.79 9.24 -50.26 | 199.01 8.06 -66.94 | 192.08 8.02 -54.63 | 197.55 7.97 -61.02 | 201.70 8.54 -72.83 | 183.24 10.07 -56.10 | 170.01 9.78 -55.11 | 169.58 9.45 -57.40 | 159.78 8.21 -58.29 | 130.30 7.01 -42.69 | 142.56 8.96 -30.64 |
| ADK RESOURCE___RCVRY 23798 | 120.72 8.50 -23.66 | 111.04 8.25 -15.95 | 106.50 7.43 -12.62 | 106.12 7.24 -12.65 | 103.79 7.90 -6.08 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.60 7.72 -12.06 | 129.00 8.09 -31.98 | 139.25 7.47 -41.81 | 160.51 9.11 -46.63 | 168.02 9.30 -47.96 | 173.68 9.62 -37.47 | 187.79 9.24 -50.26 | 199.01 8.06 -66.94 | 192.08 8.02 -54.63 | 197.55 7.97 -61.02 | 201.70 8.54 -72.83 | 183.24 10.07 -56.10 | 170.01 9.78 -55.11 | 169.58 9.45 -57.40 | 159.78 8.21 -58.29 | 130.30 7.01 -42.69 | 142.56 8.96 -30.64 |
| ADK S GLENS___FALLS 24028 | 120.72 8.50 -23.66 | 111.04 8.25 -15.95 | 106.50 7.43 -12.62 | 106.12 7.24 -12.65 | 103.79 7.90 -6.08 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.60 7.72 -12.06 | 129.00 8.09 -31.98 | 139.25 7.47 -41.81 | 160.51 9.11 -46.63 | 168.02 9.30 -47.96 | 173.68 9.62 -37.47 | 187.79 9.24 -50.26 | 199.01 8.06 -66.94 | 192.08 8.02 -54.63 | 197.55 7.97 -61.02 | 201.70 8.54 -72.83 | 183.24 10.07 -56.10 | 170.01 9.78 -55.11 | 169.58 9.45 -57.40 | 159.78 8.21 -58.29 | 130.30 7.01 -42.69 | 142.56 8.96 -30.64 |
| ADK_NYS___DAM 23527 | 118.36 6.73 -23.07 | 108.91 6.51 -15.56 | 104.89 6.14 -12.31 | 104.60 6.04 -12.34 | 102.29 6.56 -5.93 | 90.48 6.86 0.00 | 92.41 6.69 0.00 | 103.29 6.70 -11.77 | 126.96 6.85 -31.19 | 137.59 6.84 -40.78 | 158.31 8.07 -45.48 | 165.95 8.42 -46.78 | 172.63 9.49 -36.54 | 186.61 9.24 -49.08 | 197.95 8.56 -65.38 | 191.51 8.54 -53.54 | 196.92 8.48 -59.87 | 199.86 8.42 -71.11 | 180.45 8.66 -54.71 | 166.86 7.99 -53.75 | 166.42 7.70 -55.98 | 156.75 6.62 -56.85 | 128.04 5.80 -41.63 | 140.57 7.72 -29.89 |
| AIR_PRODUCTS___DRP 24190 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| ALBANY___1 23571 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| ALBANY___2 23572 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| ALBANY___3 23573 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| ALBANY___4 23574 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |

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|-----------------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| ALCOA_RYNLDS___DRP 24188 | 86.79 -1.77 0.00 | 85.36 -1.48 0.00 | 85.15 -1.30 0.00 | 85.11 -1.12 0.00 | 88.73 -1.08 0.00 | 81.36 -2.26 0.00 | 83.92 -1.80 0.00 | 83.29 -1.53 0.00 | 87.06 -1.87 0.00 | 88.17 -1.80 0.00 | 102.15 -2.62 0.00 | 107.54 -3.21 0.00 | 122.67 -3.92 0.00 | 124.06 -4.23 0.00 | 119.80 -4.22 0.00 | 124.64 -4.79 0.00 | 124.32 -4.24 0.00 | 115.99 -4.33 0.00 | 113.80 -3.28 0.00 | 102.18 -2.94 0.00 | 99.34 -3.39 0.00 | 90.11 -3.17 0.00 | 77.95 -2.66 0.00 | 100.49 -2.47 0.00 |
| ALLEGHENY___COGEN 23514 | 88.03 -3.37 -2.83 | 84.84 -3.91 -1.91 | 83.21 -4.75 -1.51 | 80.96 -5.69 -0.42 | 84.70 -5.84 -0.73 | 81.03 -2.59 0.00 | 82.38 -3.34 0.00 | 80.22 -4.50 0.10 | 88.10 -3.82 -2.99 | 92.09 -2.88 -5.00 | 107.84 -2.51 -5.58 | 114.27 -2.21 -5.74 | 131.20 0.13 -4.48 | 134.26 0.00 -5.97 | 130.09 -1.86 -7.94 | 133.70 -2.07 -6.35 | 133.15 -2.44 -7.03 | 127.18 -1.80 -8.66 | 123.56 -0.23 -6.71 | 111.61 -0.11 -6.60 | 108.37 -1.23 -6.87 | 98.58 -1.68 -6.98 | 83.86 -1.85 -5.11 | 103.54 -3.09 -3.67 |
| AMERICAN_REF_FUEL 24010 | 80.36 -10.80 -2.61 | 77.74 -10.85 -1.76 | 76.26 -11.58 -1.39 | 73.92 -12.76 -0.46 | 77.36 -13.11 -0.67 | 75.26 -8.36 0.00 | 75.61 -10.12 0.00 | 72.35 -12.47 0.00 | 76.44 -13.07 -0.58 | 81.89 -12.69 -4.61 | 95.55 -14.35 -5.14 | 101.30 -14.73 -5.28 | 113.88 -16.84 -4.13 | 116.46 -17.32 -5.49 | 114.83 -16.49 -7.31 | 117.79 -17.47 -5.84 | 117.03 -18.00 -6.47 | 112.41 -15.88 -7.97 | 107.80 -15.45 -6.18 | 97.74 -13.46 -6.07 | 96.83 -12.22 -6.32 | 87.95 -11.75 -6.42 | 75.88 -9.43 -4.70 | 94.70 -11.63 -3.38 |
| ARTHUR_KILL_GT_1 23520 | 134.95 10.01 -36.38 | 108.32 9.20 -12.27 | 105.24 9.08 -9.71 | 104.39 8.45 -9.71 | 103.00 8.53 -4.67 | 91.97 8.36 0.01 | 94.03 8.32 0.01 | 130.48 9.16 -36.50 | 147.10 9.96 -48.21 | 153.59 10.26 -53.37 | 156.31 12.36 -39.17 | 161.02 13.40 -36.87 | 187.15 15.70 -44.86 | 187.03 16.16 -42.58 | 187.44 15.38 -48.05 | 187.72 16.44 -41.85 | 187.45 16.07 -42.82 | 187.67 15.16 -52.18 | 187.10 14.75 -55.27 | 160.52 13.03 -42.37 | 163.88 12.33 -48.83 | 171.80 11.57 -66.95 | 167.93 9.67 -77.65 | 143.01 11.94 -28.11 |
| ARTHUR_KILL_2 23512 | 134.95 10.01 -36.38 | 108.32 9.20 -12.27 | 105.24 9.08 -9.71 | 104.39 8.45 -9.71 | 103.00 8.53 -4.67 | 91.97 8.36 0.01 | 94.03 8.32 0.01 | 130.48 9.16 -36.50 | 147.10 9.96 -48.21 | 153.59 10.26 -53.37 | 156.31 12.36 -39.17 | 161.02 13.40 -36.87 | 187.15 15.70 -44.86 | 187.03 16.16 -42.58 | 187.44 15.38 -48.05 | 187.72 16.44 -41.85 | 187.45 16.07 -42.82 | 187.67 15.16 -52.18 | 187.10 14.75 -55.27 | 160.52 13.03 -42.37 | 163.88 12.33 -48.83 | 171.80 11.57 -66.95 | 167.93 9.67 -77.65 | 143.01 11.94 -28.11 |
| ARTHUR_KILL_3 23513 | 134.58 9.65 -36.37 | 107.88 8.77 -12.27 | 104.80 8.65 -9.70 | 104.14 8.19 -9.72 | 102.74 8.26 -4.67 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 130.15 8.82 -36.51 | 146.66 9.52 -48.22 | 153.06 9.72 -53.38 | 155.69 11.73 -39.18 | 160.48 12.85 -36.88 | 186.51 15.06 -44.85 | 186.51 15.65 -42.57 | 187.06 15.01 -48.04 | 187.06 15.79 -41.84 | 187.06 15.68 -42.82 | 187.06 14.56 -52.17 | 186.51 14.17 -55.26 | 159.90 12.40 -42.38 | 163.27 11.71 -48.83 | 171.14 10.91 -66.94 | 167.35 9.11 -77.64 | 142.39 11.33 -28.10 |
| ASHOKAN____ 23654 | 117.96 9.74 -19.65 | 109.12 9.03 -13.25 | 106.01 9.08 -10.48 | 105.45 8.71 -10.51 | 103.84 8.98 -5.05 | 92.23 8.61 0.00 | 94.30 8.57 0.00 | 103.58 8.74 -10.02 | 125.03 9.60 -26.49 | 134.79 10.08 -34.74 | 155.67 12.15 -38.74 | 164.33 13.73 -39.85 | 175.45 17.72 -31.13 | 189.93 18.60 -43.04 | 198.52 16.87 -57.64 | 197.85 17.73 -50.70 | 204.22 17.48 -58.18 | 198.62 16.12 -62.17 | 180.67 16.98 -46.61 | 165.74 14.82 -45.79 | 163.16 12.74 -47.69 | 153.37 11.66 -48.43 | 125.75 9.67 -35.47 | 140.36 11.94 -25.46 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 154.14 9.83 -55.75 | 153.98 8.86 -58.29 | 106.20 8.73 -11.02 | 104.49 8.54 -9.73 | 103.20 8.71 -4.68 | 92.07 8.45 -0.01 | 99.04 8.32 -5.00 | 154.04 8.91 -60.31 | 157.95 10.05 -58.97 | 164.10 10.44 -63.70 | 159.19 12.15 -42.26 | 164.19 13.29 -40.15 | 172.51 16.33 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 206.96 16.57 -60.97 | 217.76 16.46 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.72 12.94 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 154.14 9.83 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.07 8.45 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 157.95 10.05 -58.97 | 164.10 10.44 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.51 16.33 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.76 16.46 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT2_1 24094 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT2_2 24095 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT2_3 24096 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT2_4 24097 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT3_1 24098 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT3_2 24099 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT3_3 24100 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |

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|------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| ASTORIA_GT3_4 24101 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT4_1 24102 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT4_2 24103 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT4_3 24104 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT4_4 24105 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT_1 23523 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT_10 24110 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 12.43 -67.64 | 169.41 11.57 -79.05 | 158.13 9.75 -43.02 |
| ASTORIA_GT_11 24225 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 12.43 -67.64 | 169.41 11.57 -79.05 | 158.13 9.75 -43.02 |
| ASTORIA_GT_12 24226 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 12.43 -67.64 | 169.41 11.57 -79.05 | 158.13 9.75 -43.02 |
| ASTORIA_GT_13 24227 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 12.43 -67.64 | 169.41 11.57 -79.05 | 158.13 9.75 -43.02 |
| ASTORIA_GT_5 24106 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT_7 24107 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA_GT_8 24108 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA___2 24149 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ASTORIA___3 23516 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 12.43 -67.64 | 169.41 11.57 -79.05 | 158.13 9.75 -43.02 |
| ASTORIA___4 23517 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |

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|------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| ASTORIA___5 23518 | 154.23 9.92 -55.75 | 153.98 8.86 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.20 8.71 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.04 8.91 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.34 16.68 -44.38 | 200.43 15.87 -60.54 | 207.09 16.70 -60.97 | 217.89 16.58 -72.74 | 200.05 15.76 -63.96 | 177.19 15.45 -44.65 | 168.57 13.67 -49.78 | 167.83 13.05 -52.05 | 173.05 12.13 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| ATHENS_STG_1 23668 | 113.70 5.05 -20.09 | 105.08 4.69 -13.55 | 101.92 4.75 -10.72 | 101.54 4.57 -10.74 | 99.64 4.67 -5.16 | 88.05 4.43 0.00 | 90.01 4.29 0.00 | 99.73 4.67 -10.24 | 121.08 5.07 -27.08 | 130.70 5.22 -35.51 | 150.45 6.08 -39.60 | 158.13 6.64 -40.73 | 166.26 7.85 -31.82 | 176.94 8.08 -40.57 | 185.22 7.69 -53.52 | 175.37 8.28 -37.67 | 176.17 8.10 -39.51 | 186.92 7.46 -59.14 | 171.98 7.26 -47.64 | 158.34 6.41 -46.81 | 157.54 6.06 -48.75 | 148.38 5.60 -49.50 | 121.61 4.76 -36.25 | 134.96 5.97 -26.03 |
| ATHENS_STG_2 23670 | 113.70 5.05 -20.09 | 105.08 4.69 -13.55 | 101.92 4.75 -10.72 | 101.54 4.57 -10.74 | 99.64 4.67 -5.16 | 88.05 4.43 0.00 | 90.01 4.29 0.00 | 99.73 4.67 -10.24 | 121.08 5.07 -27.08 | 130.70 5.22 -35.51 | 150.45 6.08 -39.60 | 158.13 6.64 -40.73 | 166.26 7.85 -31.82 | 176.94 8.08 -40.57 | 185.22 7.69 -53.52 | 175.37 8.28 -37.67 | 176.17 8.10 -39.51 | 186.92 7.46 -59.14 | 171.98 7.26 -47.64 | 158.34 6.41 -46.81 | 157.54 6.06 -48.75 | 148.38 5.60 -49.50 | 121.61 4.76 -36.25 | 134.96 5.97 -26.03 |
| ATHENS_STG_3 23677 | 113.70 5.05 -20.09 | 105.08 4.69 -13.55 | 101.92 4.75 -10.72 | 101.54 4.57 -10.74 | 99.64 4.67 -5.16 | 88.05 4.43 0.00 | 90.01 4.29 0.00 | 99.73 4.67 -10.24 | 121.08 5.07 -27.08 | 130.70 5.22 -35.51 | 150.45 6.08 -39.60 | 158.13 6.64 -40.73 | 166.26 7.85 -31.82 | 176.94 8.08 -40.57 | 185.22 7.69 -53.52 | 175.37 8.28 -37.67 | 176.17 8.10 -39.51 | 186.92 7.46 -59.14 | 171.98 7.26 -47.64 | 158.34 6.41 -46.81 | 157.54 6.06 -48.75 | 148.38 5.60 -49.50 | 121.61 4.76 -36.25 | 134.96 5.97 -26.03 |
| BARRETT_IC_1 23704 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_10 23701 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_11 23702 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_12 23703 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_2 23705 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_3 23706 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_4 23707 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_5 23708 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_6 23709 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_7 23710 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_8 23711 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT_IC_9 23700 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| BARRETT___1 23545 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BARRETT___2 23546 | 140.91 10.27 -42.07 | 137.16 9.29 -41.03 | 135.00 9.25 -39.30 | 105.27 9.31 -9.73 | 103.74 9.25 -4.68 | 92.66 9.03 -0.01 | 94.13 8.40 -0.01 | 135.00 9.50 -40.68 | 143.15 10.67 -43.55 | 153.87 10.71 -53.19 | 165.81 12.68 -48.36 | 178.03 13.95 -53.33 | 211.19 16.20 -68.39 | 277.96 15.78 -133.89 | 341.92 15.25 -202.65 | 341.00 15.92 -195.65 | 362.39 15.68 -218.14 | 342.91 14.80 -207.79 | 251.61 14.75 -119.78 | 183.73 13.35 -65.26 | 174.04 12.84 -58.47 | 177.21 11.75 -72.17 | 170.72 9.59 -80.52 | 152.29 12.25 -37.08 |
| BEAVER RIVER___HYD 24048 | 88.47 -0.09 0.00 | 86.23 -0.61 0.00 | 85.67 -0.78 0.00 | 85.45 -0.78 0.00 | 89.00 -0.81 0.00 | 82.78 -0.84 0.00 | 85.21 -0.51 0.00 | 84.57 -0.25 0.00 | 88.93 0.00 0.00 | 89.97 0.00 0.00 | 104.66 -0.10 0.00 | 110.08 -0.66 0.00 | 125.58 -1.01 0.00 | 127.13 -1.15 0.00 | 121.66 -2.36 0.00 | 126.71 -2.72 0.00 | 127.02 -1.54 0.00 | 118.76 -1.56 0.00 | 116.84 -0.23 0.00 | 104.49 -0.63 0.00 | 102.63 -0.10 0.00 | 92.91 -0.37 0.00 | 80.12 -0.48 0.00 | 102.24 -0.72 0.00 |
| BEEBEE_GT_13 23619 | 88.10 -2.48 -2.02 | 85.25 -2.95 -1.36 | 83.81 -3.72 -1.08 | 81.68 -4.57 -0.02 | 85.48 -4.85 -0.52 | 81.53 -2.09 0.00 | 82.81 -2.91 0.00 | 80.62 -3.73 0.47 | 88.88 -2.93 -2.89 | 92.01 -1.53 -3.57 | 108.43 -0.31 -3.98 | 115.17 0.33 -4.09 | 131.69 1.90 -3.20 | 134.60 2.05 -4.25 | 131.04 1.36 -5.66 | 135.24 1.29 -4.52 | 134.60 1.03 -5.01 | 127.58 1.08 -6.17 | 123.15 1.29 -4.79 | 110.77 0.95 -4.70 | 108.35 0.72 -4.90 | 98.44 0.19 -4.97 | 83.76 -0.48 -3.64 | 104.03 -1.54 -2.61 |
| BETHLEHEM___GRP 23843 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| BETHLEHEM___GS1 323560 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| BETHLEHEM___GS2 323561 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| BETHLEHEM___GS3 323562 | 114.63 3.01 -23.06 | 105.43 3.04 -15.55 | 101.69 2.94 -12.30 | 101.41 2.85 -12.33 | 98.79 3.05 -5.93 | 86.63 3.01 0.00 | 88.47 2.74 0.00 | 99.38 2.80 -11.76 | 122.86 2.76 -31.17 | 133.60 2.88 -40.76 | 153.78 3.56 -45.45 | 161.16 3.65 -46.75 | 167.55 4.43 -36.52 | 181.39 4.49 -48.61 | 192.76 4.09 -64.65 | 185.24 4.14 -51.68 | 189.93 4.11 -57.25 | 194.68 3.85 -70.50 | 175.74 3.98 -54.68 | 162.52 3.68 -53.72 | 162.17 3.49 -55.95 | 153.18 3.08 -56.82 | 124.79 2.58 -41.61 | 136.23 3.40 -29.87 |
| BETHLEHEM___STEEL 23779 | 81.72 -9.65 -2.81 | 78.83 -9.90 -1.89 | 77.23 -10.72 -1.50 | 75.03 -11.81 -0.61 | 78.31 -12.21 -0.72 | 75.84 -7.78 0.00 | 76.47 -9.26 0.00 | 73.71 -11.28 -0.17 | 78.18 -11.65 -0.90 | 83.69 -11.25 -4.96 | 97.73 -12.57 -5.54 | 103.60 -12.85 -5.69 | 116.48 -14.56 -4.45 | 119.33 -14.88 -5.92 | 117.75 -14.14 -7.87 | 120.83 -14.88 -6.29 | 119.98 -15.56 -6.97 | 115.19 -13.72 -8.59 | 110.16 -13.58 -6.66 | 99.89 -11.77 -6.54 | 98.96 -10.58 -6.81 | 90.03 -10.17 -6.92 | 77.29 -8.38 -5.07 | 96.20 -10.40 -3.64 |
| BETHPAGE_CC_5 323564 | 138.66 11.16 -38.94 | 125.50 10.25 -28.41 | 114.40 10.20 -17.75 | 105.78 9.83 -9.72 | 104.09 9.61 -4.67 | 92.99 9.37 0.00 | 94.47 8.74 0.00 | 110.86 10.35 -15.69 | 143.59 11.12 -43.54 | 154.40 11.25 -53.19 | 166.64 13.52 -48.35 | 179.02 14.95 -53.32 | 212.19 17.22 -68.38 | 280.27 18.09 -133.89 | 344.15 17.49 -202.65 | 343.46 18.38 -195.65 | 364.83 18.13 -218.14 | 344.96 16.85 -207.79 | 253.01 16.16 -119.78 | 184.46 14.09 -65.25 | 174.75 13.56 -58.46 | 177.76 12.31 -72.16 | 171.35 10.24 -80.51 | 152.79 12.77 -37.07 |
| BINGHAMTON___COGEN 23790 | 94.12 -0.35 -5.91 | 90.04 -0.78 -3.99 | 88.57 -1.04 -3.15 | 88.01 -1.29 -3.08 | 89.98 -1.35 -1.52 | 83.12 -0.50 0.00 | 84.95 -0.77 0.00 | 86.78 -0.93 -2.90 | 95.77 -0.62 -7.46 | 100.15 -0.27 -10.45 | 116.53 0.10 -11.65 | 123.07 0.33 -11.99 | 136.72 0.76 -9.36 | 141.78 1.03 -12.46 | 141.70 1.12 -16.57 | 143.84 1.16 -13.25 | 144.27 1.03 -14.68 | 139.48 1.08 -18.07 | 131.80 0.70 -14.02 | 119.52 0.63 -13.77 | 117.59 0.51 -14.34 | 108.31 0.47 -14.57 | 91.27 0.00 -10.67 | 110.20 -0.41 -7.66 |
| BLACK RIVER___HYD 24047 | 88.82 -0.35 -0.61 | 86.21 -1.04 -0.41 | 85.48 -1.30 -0.33 | 85.09 -1.47 -0.33 | 88.44 -1.53 -0.16 | 82.37 -1.25 0.00 | 84.70 -1.03 0.00 | 84.54 -0.59 -0.31 | 89.67 -0.09 -0.83 | 90.96 -0.09 -1.09 | 106.19 0.21 -1.21 | 111.77 -0.22 -1.25 | 127.19 -0.38 -0.97 | 128.94 -0.64 -1.30 | 123.63 -2.11 -1.72 | 128.47 -2.33 -1.38 | 128.67 -1.41 -1.53 | 121.00 -1.20 -1.88 | 118.30 -0.23 -1.46 | 106.03 -0.53 -1.43 | 104.32 0.10 -1.49 | 94.61 -0.19 -1.51 | 81.15 -0.56 -1.11 | 102.72 -1.03 -0.80 |
| BLISS_WT_PWR 323608 | 85.84 -5.67 -2.94 | 82.48 -6.34 -1.98 | 80.59 -7.43 -1.57 | 78.42 -8.54 -0.73 | 81.85 -8.71 -0.76 | 79.02 -4.60 0.00 | 80.15 -5.57 0.00 | 78.17 -6.96 -0.30 | 83.27 -6.85 -1.19 | 88.78 -6.39 -5.20 | 103.97 -6.60 -5.80 | 110.40 -6.31 -5.97 | 125.30 -5.95 -4.66 | 128.33 -6.16 -6.20 | 125.57 -6.70 -8.25 | 128.90 -7.12 -6.59 | 127.64 -8.23 -7.31 | 122.46 -6.86 -9.00 | 117.73 -6.32 -6.98 | 106.62 -5.36 -6.86 | 104.84 -5.03 -7.14 | 95.40 -5.13 -7.25 | 81.48 -4.43 -5.31 | 101.11 -5.66 -3.81 |
| BLUE_CIRC_CHEM_DRP 24182 | 115.09 3.72 -22.81 | 105.95 3.73 -15.38 | 102.25 3.63 -12.17 | 101.96 3.54 -12.20 | 99.44 3.77 -5.86 | 87.13 3.51 0.00 | 88.81 3.09 0.00 | 99.59 3.14 -11.63 | 123.05 3.29 -30.83 | 133.61 3.33 -40.31 | 153.71 3.98 -44.96 | 161.20 4.21 -46.24 | 167.91 5.19 -36.12 | 181.63 5.26 -48.08 | 192.79 4.84 -63.94 | 185.59 5.05 -51.11 | 190.20 5.01 -56.63 | 194.75 4.69 -69.74 | 175.85 4.68 -54.09 | 162.46 4.20 -53.14 | 161.98 3.90 -55.34 | 153.03 3.54 -56.20 | 124.82 3.06 -41.16 | 136.31 3.81 -29.55 |
| BOC_GAS_DRP 24189 | 114.88 3.28 -23.04 | 105.59 3.21 -15.54 | 101.94 3.20 -12.29 | 101.74 3.19 -12.32 | 99.05 3.32 -5.92 | 86.71 3.09 0.00 | 88.64 2.91 0.00 | 99.62 3.05 -11.75 | 123.28 3.20 -31.15 | 133.93 3.24 -40.72 | 154.06 3.88 -45.41 | 161.56 4.10 -46.71 | 167.90 4.81 -36.49 | 181.59 4.87 -48.42 | 192.97 4.59 -64.36 | 185.37 4.92 -51.03 | 189.67 4.76 -56.35 | 195.15 4.57 -70.26 | 176.05 4.33 -54.64 | 162.79 3.99 -53.68 | 162.44 3.80 -55.91 | 153.50 3.45 -56.77 | 125.16 2.98 -41.57 | 136.61 3.81 -29.85 |
| BORALEX_4TH_BRANCH 23824 | 118.36 6.73 -23.07 | 108.91 6.51 -15.56 | 104.89 6.14 -12.31 | 104.60 6.04 -12.34 | 102.29 6.56 -5.93 | 90.48 6.86 0.00 | 92.41 6.69 0.00 | 103.29 6.70 -11.77 | 126.96 6.85 -31.19 | 137.59 6.84 -40.78 | 158.31 8.07 -45.48 | 165.95 8.42 -46.78 | 172.63 9.49 -36.54 | 186.61 9.24 -49.08 | 197.95 8.56 -65.38 | 191.51 8.54 -53.54 | 196.92 8.48 -59.87 | 199.86 8.42 -71.11 | 180.45 8.66 -54.71 | 166.86 7.99 -53.75 | 166.42 7.70 -55.98 | 156.75 6.62 -56.85 | 128.04 5.80 -41.63 | 140.57 7.72 -29.89 |

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| BOWLINE___1 23526 | 114.63 8.32 -17.75 | 106.28 7.47 -11.97 | 103.26 7.35 -9.47 | 102.70 6.98 -9.49 | 101.37 7.00 -4.56 | 90.56 6.94 0.00 | 92.67 6.94 0.00 | 101.50 7.63 -9.04 | 121.11 8.27 -23.91 | 129.79 8.46 -31.37 | 149.92 10.16 -34.98 | 158.14 11.41 -35.99 | 168.12 13.42 -28.11 | 183.63 13.98 -41.36 | 193.77 13.77 -55.99 | 200.02 14.50 -56.10 | 209.91 14.27 -67.08 | 193.03 13.36 -59.35 | 171.81 12.64 -42.09 | 157.51 11.04 -41.35 | 156.17 10.38 -43.07 | 146.53 9.51 -43.73 | 120.61 7.98 -32.03 | 135.83 9.88 -22.99 |
| BOWLINE___2 23595 | 114.64 8.32 -17.75 | 106.28 7.47 -11.97 | 103.27 7.35 -9.47 | 102.61 6.90 -9.49 | 101.37 7.00 -4.56 | 90.56 6.94 0.00 | 92.67 6.94 0.00 | 101.41 7.55 -9.04 | 121.11 8.27 -23.91 | 129.71 8.37 -31.37 | 149.82 10.06 -34.99 | 158.03 11.30 -35.99 | 167.87 13.17 -28.11 | 183.51 13.86 -41.37 | 193.53 13.52 -55.99 | 199.90 14.37 -56.11 | 209.79 14.14 -67.09 | 192.80 13.12 -59.35 | 171.70 12.53 -42.10 | 157.30 10.83 -41.35 | 155.97 10.17 -43.07 | 146.44 9.42 -43.74 | 120.61 7.98 -32.03 | 135.84 9.88 -22.99 |
| BROOKHAVEN___DRP 24191 | 140.06 12.75 -38.75 | 126.56 12.07 -27.65 | 115.17 12.28 -16.44 | 107.77 11.81 -9.72 | 106.07 11.59 -4.67 | 94.91 11.29 0.00 | 95.75 10.03 0.00 | 111.22 12.21 -14.18 | 145.63 13.16 -43.54 | 156.83 13.68 -53.19 | 169.78 16.66 -48.35 | 182.01 17.94 -53.32 | 215.74 20.76 -68.38 | 284.12 21.94 -133.89 | 347.38 20.71 -202.65 | 346.56 21.48 -195.65 | 367.92 21.21 -218.14 | 347.61 19.49 -207.79 | 256.53 19.67 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.09 14.65 -72.16 | 173.21 12.09 -80.51 | 154.85 14.83 -37.07 |
| BROOKLYN_NAVY_YARD 23515 | 134.76 9.83 -36.37 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 130.40 9.08 -36.51 | 146.93 9.78 -48.22 | 153.42 10.08 -53.38 | 156.00 12.05 -39.18 | 160.81 13.18 -36.88 | 170.85 15.44 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.66 | 203.98 16.31 -58.24 | 214.56 16.20 -69.80 | 196.42 15.04 -61.06 | 174.73 14.52 -43.14 | 160.22 12.72 -42.38 | 163.58 12.02 -48.83 | 171.32 11.10 -66.94 | 167.60 9.35 -77.64 | 142.70 11.63 -28.10 |
| BROOKLYN___ARMY_DRP 323595 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| BROOME___LFGE 323600 | 94.12 -0.35 -5.91 | 90.04 -0.78 -3.99 | 88.57 -1.04 -3.15 | 88.01 -1.29 -3.08 | 89.98 -1.35 -1.52 | 83.12 -0.50 0.00 | 84.95 -0.77 0.00 | 86.78 -0.93 -2.90 | 95.77 -0.62 -7.46 | 100.15 -0.27 -10.45 | 116.53 0.10 -11.65 | 123.07 0.33 -11.99 | 136.72 0.76 -9.36 | 141.78 1.03 -12.46 | 141.70 1.12 -16.57 | 143.84 1.16 -13.25 | 144.27 1.03 -14.68 | 139.48 1.08 -18.07 | 131.80 0.70 -14.02 | 119.52 0.63 -13.77 | 117.59 0.51 -14.34 | 108.31 0.47 -14.57 | 91.27 0.00 -10.67 | 110.20 -0.41 -7.66 |
| BURROWS___LYONSDAL 23803 | 88.92 0.35 0.00 | 86.84 0.00 0.00 | 86.28 -0.17 0.00 | 86.06 -0.17 0.00 | 89.54 -0.27 0.00 | 83.54 -0.08 0.00 | 85.73 0.00 0.00 | 84.99 0.17 0.00 | 89.55 0.62 0.00 | 90.69 0.72 0.00 | 105.71 0.94 0.00 | 111.41 0.66 0.00 | 127.35 0.76 0.00 | 128.93 0.64 0.00 | 123.77 -0.25 0.00 | 129.04 -0.39 0.00 | 128.69 0.13 0.00 | 120.45 0.12 0.00 | 117.90 0.82 0.00 | 105.65 0.53 0.00 | 103.55 0.82 0.00 | 93.84 0.56 0.00 | 80.85 0.24 0.00 | 102.96 0.00 0.00 |
| CALPINE_BETH_PAGE_GT4 24209 | 138.98 11.42 -38.99 | 125.89 10.42 -28.63 | 114.95 10.37 -18.13 | 105.95 10.00 -9.72 | 104.27 9.79 -4.67 | 93.15 9.53 0.00 | 94.64 8.92 0.00 | 111.48 10.52 -16.14 | 143.77 11.29 -43.54 | 154.67 11.52 -53.19 | 166.95 13.83 -48.35 | 179.36 15.28 -53.32 | 212.57 17.60 -68.38 | 280.53 18.35 -133.89 | 344.53 17.86 -202.65 | 343.85 18.77 -195.65 | 365.09 18.38 -218.14 | 345.32 17.21 -207.79 | 253.25 16.39 -119.78 | 184.77 14.40 -65.25 | 174.96 13.77 -58.46 | 178.04 12.59 -72.16 | 171.51 10.40 -80.51 | 153.10 13.08 -37.07 |
| CALPINE_BETH_PAGE_GT_4 323586 | 138.98 11.42 -38.99 | 125.89 10.42 -28.63 | 114.95 10.37 -18.13 | 105.95 10.00 -9.72 | 104.27 9.79 -4.67 | 93.15 9.53 0.00 | 94.64 8.92 0.00 | 111.48 10.52 -16.14 | 143.77 11.29 -43.54 | 154.67 11.52 -53.19 | 166.95 13.83 -48.35 | 179.36 15.28 -53.32 | 212.57 17.60 -68.38 | 280.53 18.35 -133.89 | 344.53 17.86 -202.65 | 343.85 18.77 -195.65 | 365.09 18.38 -218.14 | 345.32 17.21 -207.79 | 253.25 16.39 -119.78 | 184.77 14.40 -65.25 | 174.96 13.77 -58.46 | 178.04 12.59 -72.16 | 171.51 10.40 -80.51 | 153.10 13.08 -37.07 |
| CALPINE_BP_GT1 23823 | 138.98 11.42 -38.99 | 125.89 10.42 -28.63 | 114.95 10.37 -18.13 | 105.95 10.00 -9.72 | 104.27 9.79 -4.67 | 93.15 9.53 0.00 | 94.64 8.92 0.00 | 111.48 10.52 -16.14 | 143.77 11.29 -43.54 | 154.67 11.52 -53.19 | 166.95 13.83 -48.35 | 179.36 15.28 -53.32 | 212.57 17.60 -68.38 | 280.53 18.35 -133.89 | 344.53 17.86 -202.65 | 343.85 18.77 -195.65 | 365.09 18.38 -218.14 | 345.32 17.21 -207.79 | 253.25 16.39 -119.78 | 184.77 14.40 -65.25 | 174.96 13.77 -58.46 | 178.04 12.59 -72.16 | 171.51 10.40 -80.51 | 153.10 13.08 -37.07 |
| CALSPAN___DRP 24200 | 81.72 -9.65 -2.81 | 78.83 -9.90 -1.89 | 77.23 -10.72 -1.50 | 75.03 -11.81 -0.61 | 78.31 -12.21 -0.72 | 75.84 -7.78 0.00 | 76.47 -9.26 0.00 | 73.71 -11.28 -0.17 | 78.18 -11.65 -0.90 | 83.69 -11.25 -4.96 | 97.73 -12.57 -5.54 | 103.60 -12.85 -5.69 | 116.48 -14.56 -4.45 | 119.33 -14.88 -5.92 | 117.75 -14.14 -7.87 | 120.83 -14.88 -6.29 | 119.98 -15.56 -6.97 | 115.19 -13.72 -8.59 | 110.16 -13.58 -6.66 | 99.89 -11.77 -6.54 | 98.96 -10.58 -6.81 | 90.03 -10.17 -6.92 | 77.29 -8.38 -5.07 | 96.20 -10.40 -3.64 |
| CARR STREET_E_SYR 24060 | 88.78 -1.24 -1.46 | 86.35 -1.48 -0.99 | 85.50 -1.73 -0.78 | 85.03 -1.98 -0.78 | 88.12 -2.07 -0.38 | 82.37 -1.25 0.00 | 84.18 -1.54 0.00 | 83.96 -1.61 -0.75 | 89.57 -1.33 -1.98 | 91.47 -1.08 -2.58 | 106.71 -0.94 -2.88 | 112.83 -0.89 -2.97 | 128.15 -0.76 -2.32 | 130.60 -0.77 -3.08 | 127.25 -0.87 -4.10 | 131.80 -0.91 -3.28 | 131.16 -1.03 -3.63 | 123.95 -0.84 -4.47 | 119.73 -0.82 -3.47 | 107.79 -0.74 -3.41 | 105.66 -0.62 -3.55 | 96.23 -0.65 -3.60 | 82.52 -0.73 -2.64 | 103.62 -1.24 -1.89 |
| CARTHAGE___PAPER 23857 | 88.82 -0.27 -0.52 | 86.32 -0.87 -0.35 | 85.69 -1.04 -0.28 | 85.39 -1.12 -0.28 | 88.68 -1.26 -0.13 | 82.53 -1.09 0.00 | 84.95 -0.77 0.00 | 84.66 -0.42 -0.27 | 89.63 0.00 -0.70 | 90.89 0.00 -0.92 | 105.90 0.10 -1.02 | 111.47 -0.33 -1.05 | 126.78 -0.63 -0.82 | 128.61 -0.77 -1.09 | 123.36 -2.11 -1.45 | 128.13 -2.46 -1.16 | 128.43 -1.41 -1.29 | 120.59 -1.32 -1.59 | 118.08 -0.23 -1.23 | 105.70 -0.63 -1.21 | 103.99 0.00 -1.26 | 94.28 -0.28 -1.28 | 81.06 -0.48 -0.94 | 102.70 -0.93 -0.67 |
| CE_DUNWOOD___DRP 24194 | 115.75 9.03 -18.16 | 107.25 8.16 -12.25 | 104.18 8.04 -9.69 | 103.61 7.67 -9.71 | 102.20 7.72 -4.67 | 91.31 7.69 0.00 | 93.35 7.63 0.00 | 102.39 8.31 -9.25 | 122.38 8.98 -24.47 | 131.33 9.27 -32.10 | 151.67 11.11 -35.79 | 159.75 12.18 -36.82 | 169.66 14.31 -28.76 | 185.67 14.88 -42.50 | 195.98 14.39 -57.58 | 202.86 15.27 -58.17 | 213.32 15.04 -69.72 | 195.24 13.96 -60.96 | 173.61 13.46 -43.07 | 159.20 11.77 -42.31 | 157.89 11.09 -44.06 | 148.29 10.26 -44.74 | 122.00 8.62 -32.77 | 137.19 10.71 -23.52 |
| CE_MILLWOOD___DRP 24193 | 115.34 8.68 -18.10 | 106.95 7.90 -12.21 | 103.89 7.78 -9.66 | 103.23 7.33 -9.68 | 101.91 7.45 -4.65 | 90.98 7.36 0.00 | 93.10 7.37 0.00 | 102.02 7.97 -9.22 | 122.03 8.71 -24.39 | 130.96 9.00 -32.00 | 151.14 10.69 -35.69 | 159.31 11.85 -36.71 | 169.19 13.93 -28.67 | 185.15 14.50 -42.37 | 195.42 14.01 -57.39 | 202.26 14.88 -57.95 | 212.67 14.66 -69.45 | 194.69 13.60 -60.76 | 173.13 13.11 -42.94 | 158.76 11.46 -42.18 | 157.44 10.79 -43.93 | 147.87 9.98 -44.61 | 121.66 8.38 -32.67 | 136.71 10.30 -23.45 |
| CE_NYC2_DRP 24202 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.41 13.51 -40.15 | 172.00 15.82 -29.59 | 187.15 16.29 -42.57 | 197.31 15.63 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.54 15.16 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.11 12.33 -52.05 | 172.39 11.47 -67.64 | 169.41 9.75 -79.05 | 158.13 12.15 -43.02 |

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|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| CE_NYC_DRP 24195 | 134.74 9.92 -36.26 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 130.32 9.16 -36.34 | 146.96 9.96 -48.07 | 153.38 10.17 -53.25 | 156.08 12.15 -39.16 | 161.03 13.40 -36.88 | 171.10 15.70 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.66 15.28 -61.06 | 174.97 14.75 -43.14 | 160.32 12.82 -42.38 | 163.66 12.12 -48.81 | 171.38 11.29 -66.81 | 167.40 9.43 -77.37 | 142.77 11.74 -28.08 |
| CHAFFEE___LFG 323603 | 83.55 -7.88 -2.87 | 80.44 -8.34 -1.94 | 78.65 -9.34 -1.53 | 76.55 -10.35 -0.67 | 79.86 -10.69 -0.74 | 77.18 -6.44 0.00 | 78.10 -7.63 0.00 | 75.64 -9.42 -0.23 | 80.45 -9.52 -1.04 | 85.96 -9.09 -5.08 | 100.48 -9.95 -5.66 | 106.61 -9.97 -5.83 | 120.26 -10.89 -4.55 | 123.18 -11.16 -6.06 | 121.40 -10.67 -8.05 | 124.60 -11.26 -6.44 | 123.48 -12.21 -7.13 | 118.52 -10.59 -8.78 | 113.35 -10.54 -6.81 | 102.77 -9.04 -6.69 | 101.58 -8.12 -6.97 | 92.43 -7.93 -7.08 | 79.18 -6.61 -5.18 | 98.44 -8.24 -3.72 |
| CHAT_HIGH_FALL_HYD 323578 | 86.17 -2.39 0.00 | 84.67 -2.17 0.00 | 84.46 -1.99 0.00 | 84.50 -1.72 0.00 | 88.01 -1.80 0.00 | 80.69 -2.93 0.00 | 83.32 -2.40 0.00 | 82.62 -2.21 0.00 | 86.44 -2.49 0.00 | 87.72 -2.25 0.00 | 101.63 -3.14 0.00 | 106.98 -3.77 0.00 | 122.04 -4.56 0.00 | 123.29 -5.00 0.00 | 119.18 -4.84 0.00 | 124.25 -5.18 0.00 | 123.68 -4.89 0.00 | 115.51 -4.81 0.00 | 113.10 -3.98 0.00 | 101.44 -3.68 0.00 | 98.62 -4.11 0.00 | 89.36 -3.92 0.00 | 77.30 -3.30 0.00 | 99.77 -3.19 0.00 |
| CH_MIDHUDSON___DRP 24192 | 116.12 8.32 -19.23 | 107.45 7.64 -12.97 | 104.23 7.52 -10.26 | 103.67 7.16 -10.28 | 102.02 7.27 -4.94 | 90.81 7.19 0.00 | 92.84 7.12 0.00 | 102.26 7.63 -9.80 | 123.21 8.36 -25.92 | 132.60 8.64 -34.00 | 152.95 10.27 -37.91 | 161.15 11.41 -39.00 | 170.48 13.42 -30.46 | 185.96 13.98 -43.68 | 196.66 13.77 -58.88 | 200.01 14.50 -56.09 | 208.89 14.27 -66.06 | 196.41 13.24 -62.85 | 175.34 12.64 -45.61 | 160.97 11.04 -44.81 | 159.77 10.38 -46.67 | 150.28 9.61 -47.39 | 123.37 8.06 -34.71 | 137.86 9.99 -24.92 |
| CH_MISC_IPPS 23765 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |
| CH_RES_BVR_FALLS 23983 | 87.11 -0.53 0.93 | 85.78 -0.43 0.62 | 85.52 -0.43 0.49 | 85.39 -0.34 0.50 | 89.21 -0.36 0.24 | 82.95 -0.67 0.00 | 85.12 -0.60 0.00 | 83.84 -0.51 0.47 | 87.05 -0.62 1.25 | 87.70 -0.63 1.64 | 102.11 -0.84 1.82 | 107.88 -1.00 1.88 | 124.11 -1.01 1.47 | 125.18 -1.15 1.95 | 120.18 -1.24 2.59 | 126.06 -1.29 2.07 | 125.11 -1.16 2.30 | 116.29 -1.20 2.83 | 113.95 -0.94 2.19 | 102.12 -0.84 2.16 | 99.56 -0.92 2.25 | 90.16 -0.84 2.28 | 78.21 -0.73 1.67 | 101.04 -0.72 1.20 |
| CH_RES_NIAGARA 23895 | 80.06 -11.07 -2.57 | 77.46 -11.12 -1.73 | 75.98 -11.84 -1.37 | 73.64 -13.02 -0.43 | 77.09 -13.38 -0.66 | 75.01 -8.61 0.00 | 76.38 -9.34 0.00 | 73.01 -11.79 0.02 | 76.83 -12.45 -0.35 | 81.38 -13.14 -4.54 | 94.86 -14.98 -5.07 | 100.57 -15.39 -5.21 | 112.94 -17.72 -4.07 | 115.49 -18.22 -5.42 | 113.86 -17.36 -7.21 | 116.81 -18.38 -5.76 | 116.17 -18.77 -6.38 | 111.58 -16.60 -7.86 | 107.02 -16.16 -6.10 | 97.13 -13.98 -5.99 | 96.33 -12.64 -6.24 | 87.40 -12.22 -6.34 | 75.49 -9.75 -4.64 | 94.24 -12.05 -3.33 |
| CH_RES_SYRACUSE 23985 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| CLINTON_WT_PWR 323605 | 86.17 -2.39 0.00 | 84.76 -2.08 0.00 | 84.46 -1.99 0.00 | 84.42 -1.81 0.00 | 88.01 -1.80 0.00 | 80.78 -2.84 0.00 | 83.32 -2.40 0.00 | 82.62 -2.21 0.00 | 86.53 -2.40 0.00 | 87.72 -2.25 0.00 | 101.73 -3.04 0.00 | 107.09 -3.65 0.00 | 122.16 -4.43 0.00 | 123.41 -4.87 0.00 | 119.43 -4.59 0.00 | 124.38 -5.05 0.00 | 123.80 -4.76 0.00 | 115.63 -4.69 0.00 | 113.22 -3.86 0.00 | 101.55 -3.57 0.00 | 98.72 -4.01 0.00 | 89.55 -3.73 0.00 | 77.46 -3.14 0.00 | 99.87 -3.09 0.00 |
| COLONIE_LFG___ 323577 | 118.13 6.38 -23.19 | 108.73 6.25 -15.64 | 104.61 5.79 -12.37 | 104.32 5.69 -12.40 | 101.87 6.11 -5.96 | 89.81 6.19 0.00 | 91.81 6.09 0.00 | 102.50 5.85 -11.83 | 126.32 6.05 -31.35 | 136.89 5.94 -40.99 | 157.71 7.23 -45.71 | 165.30 7.53 -47.02 | 171.93 8.61 -36.73 | 185.88 8.47 -49.12 | 197.10 7.69 -65.39 | 190.16 7.77 -52.96 | 195.26 7.71 -58.98 | 199.12 7.58 -71.21 | 180.03 7.96 -54.99 | 166.61 7.46 -54.02 | 166.19 7.19 -56.27 | 156.67 6.25 -57.14 | 127.85 5.40 -41.84 | 140.00 7.00 -30.04 |
| CORNELL___ 23752 | 87.88 -3.81 -3.12 | 84.60 -4.34 -2.10 | 83.10 -5.01 -1.66 | 82.44 -5.43 -1.64 | 84.95 -5.66 -0.80 | 79.61 -4.01 0.00 | 81.35 -4.37 0.00 | 82.05 -4.33 -1.55 | 89.24 -3.47 -3.78 | 92.70 -2.79 -5.52 | 108.30 -2.62 -6.15 | 114.42 -2.66 -6.33 | 129.76 -1.77 -4.94 | 133.07 -1.80 -6.58 | 129.91 -2.85 -8.75 | 133.44 -2.98 -6.99 | 133.35 -2.96 -7.75 | 127.10 -2.77 -9.54 | 122.26 -2.22 -7.40 | 110.18 -2.21 -7.27 | 107.84 -2.47 -7.57 | 98.64 -2.33 -7.69 | 83.58 -2.66 -5.63 | 102.68 -4.32 -4.04 |
| COXSACKIE___GT 23611 | 117.15 8.24 -20.35 | 108.20 7.64 -13.72 | 104.82 7.52 -10.85 | 104.35 7.24 -10.88 | 102.58 7.54 -5.23 | 90.89 7.27 0.00 | 92.93 7.20 0.00 | 102.74 7.55 -10.37 | 124.63 8.27 -27.43 | 134.66 8.73 -35.96 | 155.46 10.58 -40.11 | 163.85 11.85 -41.26 | 173.38 14.56 -32.23 | 187.69 15.14 -44.26 | 197.73 14.51 -59.21 | 195.96 15.27 -51.26 | 201.98 14.91 -58.50 | 198.14 13.84 -63.98 | 179.15 13.82 -48.25 | 164.61 12.09 -47.41 | 163.09 10.99 -49.37 | 153.40 9.98 -50.14 | 125.62 8.30 -36.72 | 139.41 10.09 -26.36 |
| CRESCENT___HYD 24018 | 118.13 6.38 -23.19 | 108.73 6.25 -15.64 | 104.61 5.79 -12.37 | 104.32 5.69 -12.40 | 101.87 6.11 -5.96 | 89.81 6.19 0.00 | 91.81 6.09 0.00 | 102.50 5.85 -11.83 | 126.32 6.05 -31.35 | 136.89 5.94 -40.99 | 157.71 7.23 -45.71 | 165.30 7.53 -47.02 | 171.93 8.61 -36.73 | 185.88 8.47 -49.12 | 197.10 7.69 -65.39 | 190.16 7.77 -52.96 | 195.26 7.71 -58.98 | 199.12 7.58 -71.21 | 180.03 7.96 -54.99 | 166.61 7.46 -54.02 | 166.19 7.19 -56.27 | 156.67 6.25 -57.14 | 127.85 5.40 -41.84 | 140.00 7.00 -30.04 |
| CRUCIBLE_METL_DRP 24180 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| DANSKAMMER___1 23586 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |
| DANSKAMMER___2 23589 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| DANSKAMMER___3 23590 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |
| DANSKAMMER___4 23591 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |
| DANSKAMMER___DIESEL 23592 | 114.99 7.88 -18.55 | 106.47 7.12 -12.51 | 103.35 7.00 -9.89 | 102.70 6.55 -9.92 | 101.22 6.65 -4.77 | 90.14 6.52 0.00 | 92.15 6.43 0.00 | 101.40 7.12 -9.45 | 121.84 7.91 -25.00 | 130.94 8.19 -32.79 | 151.18 9.85 -36.57 | 159.55 11.19 -37.61 | 169.27 13.29 -29.38 | 184.66 13.98 -42.38 | 194.71 13.52 -57.18 | 198.92 14.37 -55.13 | 207.88 14.14 -65.18 | 194.26 13.00 -60.94 | 173.60 12.53 -43.99 | 159.17 10.83 -43.22 | 157.81 10.07 -45.01 | 148.32 9.33 -45.71 | 121.82 7.74 -33.47 | 136.46 9.47 -24.03 |
| DASHVILLE___HYD 23610 | 116.06 8.77 -18.73 | 107.37 7.90 -12.63 | 104.13 7.69 -9.99 | 103.40 7.16 -10.01 | 101.71 7.09 -4.81 | 90.56 6.94 0.00 | 92.67 6.94 0.00 | 102.08 7.72 -9.54 | 122.79 8.63 -25.24 | 131.98 8.91 -33.11 | 152.27 10.58 -36.92 | 160.69 11.96 -37.98 | 170.19 13.93 -29.67 | 184.56 14.62 -41.65 | 194.70 14.76 -55.92 | 196.13 15.79 -50.92 | 203.10 15.43 -59.11 | 194.34 13.96 -60.05 | 174.26 12.76 -44.42 | 159.80 11.04 -43.64 | 158.86 10.68 -45.45 | 149.32 9.89 -46.15 | 122.79 8.38 -33.80 | 137.52 10.30 -24.26 |
| DOGLEVILLE___HYD 23807 | 93.34 5.23 0.45 | 91.57 5.04 0.30 | 91.14 4.93 0.24 | 90.82 4.83 0.24 | 94.72 5.03 0.12 | 88.47 4.85 0.00 | 90.61 4.89 0.00 | 89.51 4.92 0.23 | 93.57 5.25 0.61 | 94.66 5.49 0.80 | 110.38 6.50 0.89 | 116.81 6.98 0.91 | 134.74 8.86 0.71 | 136.32 8.98 0.95 | 130.44 7.69 1.26 | 136.57 8.15 1.01 | 135.41 7.97 1.12 | 126.53 7.58 1.38 | 123.97 7.96 1.07 | 111.22 7.15 1.05 | 108.11 6.47 1.09 | 97.96 5.78 1.11 | 84.63 4.84 0.81 | 108.35 5.97 0.58 |
| DUNKIRK___1 23563 | 80.57 -11.07 -3.08 | 77.37 -11.55 -2.08 | 75.73 -12.36 -1.64 | 73.88 -13.19 -0.85 | 76.95 -13.65 -0.79 | 73.92 -9.70 0.00 | 74.92 -10.80 0.00 | 73.04 -12.21 -0.43 | 77.94 -12.45 -1.47 | 83.26 -12.15 -5.44 | 97.43 -13.41 -6.07 | 103.48 -13.51 -6.24 | 116.15 -15.32 -4.87 | 119.25 -15.52 -6.49 | 118.26 -14.39 -8.63 | 121.31 -15.01 -6.90 | 120.39 -15.81 -7.64 | 115.66 -14.08 -9.41 | 110.09 -14.28 -7.30 | 99.68 -12.61 -7.17 | 98.49 -11.71 -7.47 | 89.76 -11.10 -7.58 | 76.41 -9.75 -5.55 | 94.38 -12.56 -3.99 |
| DUNKIRK___2 23564 | 80.57 -11.07 -3.08 | 77.37 -11.55 -2.08 | 75.73 -12.36 -1.64 | 73.88 -13.19 -0.85 | 76.95 -13.65 -0.79 | 73.92 -9.70 0.00 | 74.92 -10.80 0.00 | 73.04 -12.21 -0.43 | 77.94 -12.45 -1.47 | 83.26 -12.15 -5.44 | 97.43 -13.41 -6.07 | 103.48 -13.51 -6.24 | 116.15 -15.32 -4.87 | 119.25 -15.52 -6.49 | 118.26 -14.39 -8.63 | 121.31 -15.01 -6.90 | 120.39 -15.81 -7.64 | 115.66 -14.08 -9.41 | 110.09 -14.28 -7.30 | 99.68 -12.61 -7.17 | 98.49 -11.71 -7.47 | 89.76 -11.10 -7.58 | 76.41 -9.75 -5.55 | 94.38 -12.56 -3.99 |
| DUNKIRK___3 23565 | 81.28 -10.36 -3.07 | 78.06 -10.85 -2.07 | 76.51 -11.58 -1.64 | 74.57 -12.50 -0.84 | 77.66 -12.93 -0.79 | 74.59 -9.03 0.00 | 75.61 -10.12 0.00 | 73.71 -11.54 -0.43 | 78.46 -11.92 -1.44 | 83.89 -11.52 -5.43 | 98.05 -12.78 -6.06 | 104.14 -12.85 -6.23 | 116.91 -14.56 -4.87 | 120.15 -14.62 -6.48 | 119.12 -13.52 -8.62 | 122.08 -14.24 -6.89 | 121.28 -14.91 -7.63 | 116.49 -13.24 -9.40 | 110.79 -13.58 -7.29 | 100.41 -11.88 -7.16 | 99.20 -10.99 -7.46 | 90.41 -10.45 -7.58 | 76.96 -9.19 -5.55 | 95.20 -11.74 -3.98 |
| DUNKIRK___4 23566 | 81.28 -10.36 -3.07 | 78.06 -10.85 -2.07 | 76.51 -11.58 -1.64 | 74.57 -12.50 -0.84 | 77.66 -12.93 -0.79 | 74.59 -9.03 0.00 | 75.61 -10.12 0.00 | 73.71 -11.54 -0.43 | 78.46 -11.92 -1.44 | 83.89 -11.52 -5.43 | 98.05 -12.78 -6.06 | 104.14 -12.85 -6.23 | 116.91 -14.56 -4.87 | 120.15 -14.62 -6.48 | 119.12 -13.52 -8.62 | 122.08 -14.24 -6.89 | 121.28 -14.91 -7.63 | 116.49 -13.24 -9.40 | 110.79 -13.58 -7.29 | 100.41 -11.88 -7.16 | 99.20 -10.99 -7.46 | 90.41 -10.45 -7.58 | 76.96 -9.19 -5.55 | 95.20 -11.74 -3.98 |
| EAST HAMPTON___GT 23717 | 148.65 21.34 -38.75 | 134.20 19.71 -27.65 | 122.44 19.54 -16.45 | 114.75 18.80 -9.72 | 113.07 18.59 -4.67 | 101.35 17.73 0.00 | 102.44 16.72 0.00 | 119.11 20.10 -14.19 | 155.77 23.30 -43.54 | 168.70 25.55 -53.19 | 185.18 32.06 -48.35 | 199.51 35.44 -53.32 | 238.15 43.17 -68.38 | 307.98 45.80 -133.89 | 366.35 39.68 -202.65 | 366.75 41.68 -195.65 | 388.10 41.40 -218.14 | 366.74 38.62 -207.79 | 278.89 42.03 -119.78 | 206.53 36.16 -65.25 | 192.93 31.74 -58.46 | 193.34 27.89 -72.16 | 183.52 22.41 -80.51 | 166.28 26.25 -37.07 |
| EAST RIVER___6 23660 | 134.80 9.92 -36.31 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.21 8.49 0.00 | 130.32 9.08 -36.43 | 146.94 9.87 -48.15 | 153.45 10.17 -53.31 | 156.09 12.15 -39.17 | 161.03 13.40 -36.88 | 171.10 15.70 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.66 15.28 -61.06 | 174.97 14.75 -43.14 | 160.32 12.82 -42.38 | 163.67 12.12 -48.82 | 171.35 11.19 -66.88 | 167.54 9.43 -77.51 | 142.79 11.74 -28.09 |
| EAST RIVER___7 23524 | 134.80 9.92 -36.31 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.21 8.49 0.00 | 130.32 9.08 -36.43 | 146.94 9.87 -48.15 | 153.45 10.17 -53.31 | 156.09 12.15 -39.17 | 161.03 13.40 -36.88 | 171.10 15.70 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.66 15.28 -61.06 | 174.97 14.75 -43.14 | 160.32 12.82 -42.38 | 163.67 12.12 -48.82 | 171.35 11.19 -66.88 | 167.54 9.43 -77.51 | 142.79 11.74 -28.09 |
| EAST_HAMPTON___DIESEL 23722 | 148.65 21.34 -38.75 | 134.20 19.71 -27.65 | 122.44 19.54 -16.45 | 114.75 18.80 -9.72 | 113.07 18.59 -4.67 | 101.35 17.73 0.00 | 102.44 16.72 0.00 | 119.11 20.10 -14.19 | 155.77 23.30 -43.54 | 168.70 25.55 -53.19 | 185.18 32.06 -48.35 | 199.51 35.44 -53.32 | 238.15 43.17 -68.38 | 307.98 45.80 -133.89 | 366.35 39.68 -202.65 | 366.75 41.68 -195.65 | 388.10 41.40 -218.14 | 366.74 38.62 -207.79 | 278.89 42.03 -119.78 | 206.53 36.16 -65.25 | 192.93 31.74 -58.46 | 193.34 27.89 -72.16 | 183.52 22.41 -80.51 | 166.28 26.25 -37.07 |
| EAST_RIVER___1 323558 | 134.74 9.92 -36.26 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 130.32 9.16 -36.34 | 146.96 9.96 -48.07 | 153.38 10.17 -53.25 | 156.08 12.15 -39.16 | 161.03 13.40 -36.88 | 171.10 15.70 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.66 15.28 -61.06 | 174.97 14.75 -43.14 | 160.32 12.82 -42.38 | 163.66 12.12 -48.81 | 171.38 11.29 -66.81 | 167.40 9.43 -77.37 | 142.77 11.74 -28.08 |
| EAST_RIVER___2 323559 | 134.80 9.92 -36.31 | 108.14 9.03 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.21 8.49 0.00 | 130.32 9.08 -36.43 | 146.94 9.87 -48.15 | 153.45 10.17 -53.31 | 156.09 12.15 -39.17 | 161.03 13.40 -36.88 | 171.10 15.70 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.66 15.28 -61.06 | 174.97 14.75 -43.14 | 160.32 12.82 -42.38 | 163.67 12.12 -48.82 | 171.35 11.19 -66.88 | 167.54 9.43 -77.51 | 142.79 11.74 -28.09 |
| EAST___DELAWARE_HYD 23607 | 112.82 8.50 -15.76 | 105.19 7.73 -10.63 | 102.55 7.69 -8.41 | 101.98 7.33 -8.42 | 101.31 7.45 -4.05 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 100.48 7.63 -8.02 | 118.77 8.63 -21.22 | 126.91 9.09 -27.85 | 146.73 10.90 -31.06 | 154.99 12.29 -31.95 | 167.38 15.82 -24.96 | 180.33 16.55 -35.49 | 186.66 14.88 -47.76 | 189.91 15.79 -44.70 | 196.34 15.43 -52.35 | 185.63 14.20 -51.10 | 169.44 14.99 -37.37 | 154.98 13.14 -36.71 | 152.37 11.40 -38.24 | 142.47 10.35 -38.83 | 117.59 8.54 -28.44 | 133.77 10.40 -20.41 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ELEC_TRO_TEK 24086 | 137.80 10.18 -39.05 | 124.91 9.20 -28.86 | 114.05 9.08 -18.52 | 104.66 8.71 -9.72 | 103.10 8.62 -4.68 | 91.98 8.36 0.00 | 93.53 7.80 0.00 | 110.66 9.25 -16.59 | 142.61 10.14 -43.54 | 153.41 10.26 -53.19 | 165.38 12.26 -48.35 | 177.69 13.62 -53.32 | 210.80 15.82 -68.38 | 278.60 16.42 -133.89 | 342.67 16.00 -202.65 | 341.78 16.70 -195.65 | 363.16 16.46 -218.14 | 343.52 15.40 -207.79 | 251.61 14.75 -119.78 | 183.41 13.03 -65.25 | 173.72 12.53 -58.46 | 176.92 11.47 -72.16 | 170.47 9.35 -80.51 | 151.77 11.74 -37.07 |
| ELLENBURG_WT_PWR 323604 | 86.17 -2.39 0.00 | 84.76 -2.08 0.00 | 84.46 -1.99 0.00 | 84.42 -1.81 0.00 | 88.01 -1.80 0.00 | 80.78 -2.84 0.00 | 83.32 -2.40 0.00 | 82.62 -2.21 0.00 | 86.53 -2.40 0.00 | 87.72 -2.25 0.00 | 101.73 -3.04 0.00 | 107.09 -3.65 0.00 | 122.16 -4.43 0.00 | 123.41 -4.87 0.00 | 119.43 -4.59 0.00 | 124.38 -5.05 0.00 | 123.80 -4.76 0.00 | 115.63 -4.69 0.00 | 113.22 -3.86 0.00 | 101.55 -3.57 0.00 | 98.72 -4.01 0.00 | 89.55 -3.73 0.00 | 77.46 -3.14 0.00 | 99.87 -3.09 0.00 |
| E_CANADA_CAP_HY 24051 | 119.70 1.95 -29.19 | 108.26 1.74 -19.69 | 103.41 1.38 -15.57 | 102.96 1.12 -15.61 | 98.48 1.17 -7.50 | 85.12 1.51 0.00 | 87.35 1.63 0.00 | 101.32 1.61 -14.88 | 130.51 2.22 -39.36 | 143.91 2.34 -51.60 | 165.56 3.25 -57.55 | 173.38 3.43 -59.19 | 177.14 4.30 -46.24 | 194.07 4.23 -61.55 | 208.96 3.10 -81.85 | 198.09 3.24 -65.43 | 204.13 3.09 -72.49 | 212.48 2.89 -89.26 | 189.70 3.40 -69.23 | 176.50 3.36 -68.02 | 176.75 3.18 -70.84 | 168.11 2.89 -71.94 | 135.30 2.02 -52.68 | 142.94 2.16 -37.82 |
| E_CANADA_MHWK_HY 24050 | 93.34 5.23 0.45 | 91.57 5.04 0.30 | 91.14 4.93 0.24 | 90.82 4.83 0.24 | 94.72 5.03 0.12 | 88.47 4.85 0.00 | 90.61 4.89 0.00 | 89.51 4.92 0.23 | 93.57 5.25 0.61 | 94.66 5.49 0.80 | 110.38 6.50 0.89 | 116.81 6.98 0.91 | 134.74 8.86 0.71 | 136.32 8.98 0.95 | 130.44 7.69 1.26 | 136.57 8.15 1.01 | 135.41 7.97 1.12 | 126.53 7.58 1.38 | 123.97 7.96 1.07 | 111.22 7.15 1.05 | 108.11 6.47 1.09 | 97.96 5.78 1.11 | 84.63 4.84 0.81 | 108.35 5.97 0.58 |
| E_FISHKILL___LBMP 23776 | 115.10 8.06 -18.48 | 106.60 7.29 -12.46 | 103.57 7.26 -9.86 | 103.00 6.90 -9.88 | 101.56 7.00 -4.75 | 90.56 6.94 0.00 | 92.58 6.86 0.00 | 101.62 7.38 -9.42 | 121.83 8.00 -24.90 | 130.91 8.28 -32.66 | 150.94 9.74 -36.43 | 159.07 10.85 -37.47 | 168.52 12.66 -29.27 | 184.59 13.09 -43.21 | 195.19 12.65 -58.53 | 201.90 13.46 -59.02 | 212.50 13.24 -70.70 | 194.58 12.27 -61.98 | 172.73 11.82 -43.83 | 158.58 10.41 -43.05 | 157.43 9.86 -44.84 | 147.87 9.05 -45.54 | 121.61 7.66 -33.35 | 136.47 9.58 -23.94 |
| FAR ROCKAWAY___4 23548 | 141.99 12.04 -41.39 | 136.31 11.20 -38.26 | 132.09 11.07 -34.58 | 106.82 10.86 -9.73 | 105.26 10.78 -4.68 | 93.66 10.03 -0.01 | 95.25 9.52 -0.01 | 130.88 10.86 -35.21 | 144.66 12.18 -43.55 | 155.67 12.51 -53.19 | 167.69 14.56 -48.36 | 180.25 16.17 -53.33 | 212.33 17.34 -68.39 | 279.76 17.58 -133.89 | 342.54 15.87 -202.65 | 341.78 16.70 -195.65 | 363.16 16.46 -218.14 | 345.08 16.97 -207.79 | 253.01 16.16 -119.78 | 184.67 14.30 -65.26 | 176.19 15.00 -58.47 | 179.07 13.62 -72.17 | 172.33 11.20 -80.52 | 153.83 13.80 -37.08 |
| FARRAGUT___LBMP 323566 | 134.76 9.83 -36.37 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 103.01 8.53 -4.67 | 91.98 8.36 0.00 | 94.13 8.40 0.00 | 130.32 8.99 -36.51 | 146.93 9.78 -48.22 | 153.42 10.08 -53.38 | 156.00 12.05 -39.18 | 160.81 13.18 -36.88 | 170.85 15.44 -28.81 | 186.89 16.04 -42.57 | 197.06 15.38 -57.66 | 203.98 16.31 -58.24 | 214.43 16.07 -69.80 | 196.30 14.92 -61.06 | 174.73 14.52 -43.14 | 160.11 12.61 -42.38 | 163.48 11.92 -48.83 | 171.32 11.10 -66.94 | 167.60 9.35 -77.64 | 142.70 11.63 -28.10 |
| FENNER___WINDPWR 24204 | 89.86 0.44 -0.85 | 87.50 0.09 -0.57 | 86.73 -0.17 -0.45 | 86.25 -0.43 -0.46 | 89.58 -0.45 -0.22 | 83.79 0.17 0.00 | 85.73 0.00 0.00 | 85.34 0.08 -0.43 | 90.88 0.80 -1.15 | 92.64 1.17 -1.50 | 108.12 1.68 -1.68 | 114.24 1.77 -1.72 | 130.60 2.66 -1.35 | 132.77 2.69 -1.79 | 128.01 1.61 -2.38 | 133.01 1.68 -1.90 | 132.47 1.80 -2.11 | 124.73 1.80 -2.60 | 121.20 2.11 -2.02 | 108.89 1.79 -1.98 | 106.43 1.64 -2.06 | 96.87 1.49 -2.09 | 82.95 0.81 -1.53 | 104.57 0.51 -1.10 |
| FIBERTEK___ENERGY 23856 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| FITZPATRICK____ 23598 | 86.98 -2.66 -1.07 | 84.78 -2.78 -0.72 | 84.17 -2.85 -0.57 | 83.70 -3.10 -0.57 | 86.94 -3.14 -0.28 | 81.11 -2.51 0.00 | 82.98 -2.74 0.00 | 82.48 -2.88 -0.55 | 87.53 -2.85 -1.45 | 89.16 -2.70 -1.89 | 103.95 -2.93 -2.11 | 109.93 -2.99 -2.17 | 125.00 -3.29 -1.70 | 127.21 -3.34 -2.26 | 123.67 -3.35 -3.00 | 128.33 -3.49 -2.40 | 127.75 -3.47 -2.66 | 120.35 -3.25 -3.28 | 116.46 -3.16 -2.54 | 104.78 -2.84 -2.50 | 102.66 -2.67 -2.60 | 93.40 -2.52 -2.64 | 80.36 -2.18 -1.93 | 101.36 -2.99 -1.39 |
| FORT ORANGE____ 23900 | 114.93 3.72 -22.65 | 106.46 4.34 -15.27 | 102.68 4.15 -12.08 | 102.39 4.05 -12.11 | 99.94 4.31 -5.82 | 87.80 4.18 0.00 | 89.75 4.03 0.00 | 100.44 4.07 -11.55 | 123.19 3.65 -30.62 | 133.69 3.69 -40.04 | 153.92 4.51 -44.65 | 161.55 4.87 -45.93 | 168.29 5.82 -35.88 | 182.39 5.90 -48.20 | 193.56 5.33 -64.21 | 187.60 5.57 -52.61 | 192.93 5.53 -58.84 | 195.33 5.17 -69.83 | 175.94 5.15 -53.71 | 162.62 4.73 -52.77 | 162.21 4.52 -54.96 | 153.11 4.01 -55.81 | 124.78 3.30 -40.87 | 136.52 4.22 -29.34 |
| FORT_DRUM_COGEN 23780 | 88.53 -0.62 -0.59 | 85.93 -1.30 -0.40 | 85.21 -1.56 -0.31 | 84.91 -1.64 -0.32 | 88.25 -1.71 -0.15 | 82.20 -1.42 0.00 | 84.52 -1.20 0.00 | 84.27 -0.85 -0.30 | 89.37 -0.36 -0.80 | 90.65 -0.36 -1.04 | 105.83 -0.10 -1.16 | 111.39 -0.55 -1.20 | 126.64 -0.89 -0.93 | 128.51 -1.03 -1.24 | 123.19 -2.48 -1.65 | 128.03 -2.72 -1.32 | 128.23 -1.80 -1.46 | 120.57 -1.56 -1.80 | 117.89 -0.59 -1.40 | 105.55 -0.95 -1.37 | 103.95 -0.95 -1.43 | 94.27 -0.47 -1.45 | 80.94 -0.73 -1.06 | 102.38 -1.34 -0.76 |
| FPL_FAR_ROCK_GT1 24212 | 141.99 12.04 -41.39 | 136.31 11.20 -38.26 | 132.09 11.07 -34.58 | 106.82 10.86 -9.73 | 105.26 10.78 -4.68 | 93.66 10.03 -0.01 | 95.25 9.52 -0.01 | 130.88 10.86 -35.21 | 144.66 12.18 -43.55 | 155.67 12.51 -53.19 | 167.69 14.56 -48.36 | 180.25 16.17 -53.33 | 212.33 17.34 -68.39 | 279.76 17.58 -133.89 | 342.54 15.87 -202.65 | 341.78 16.70 -195.65 | 363.16 16.46 -218.14 | 345.08 16.97 -207.79 | 253.01 16.16 -119.78 | 184.67 14.30 -65.26 | 176.19 15.00 -58.47 | 179.07 13.62 -72.17 | 172.33 11.20 -80.52 | 153.83 13.80 -37.08 |
| FPL_FAR_ROCK_GT2 23815 | 141.99 12.04 -41.39 | 136.31 11.20 -38.26 | 132.09 11.07 -34.58 | 106.82 10.86 -9.73 | 105.26 10.78 -4.68 | 93.66 10.03 -0.01 | 95.25 9.52 -0.01 | 130.88 10.86 -35.21 | 144.66 12.18 -43.55 | 155.67 12.51 -53.19 | 167.69 14.56 -48.36 | 180.25 16.17 -53.33 | 212.33 17.34 -68.39 | 279.76 17.58 -133.89 | 342.54 15.87 -202.65 | 341.78 16.70 -195.65 | 363.16 16.46 -218.14 | 345.08 16.97 -207.79 | 253.01 16.16 -119.78 | 184.67 14.30 -65.26 | 176.19 15.00 -58.47 | 179.07 13.62 -72.17 | 172.33 11.20 -80.52 | 153.83 13.80 -37.08 |
| FRANKLIN_FALL_HYD 24054 | 86.97 -1.59 0.00 | 85.36 -1.48 0.00 | 85.15 -1.30 0.00 | 85.02 -1.21 0.00 | 88.64 -1.17 0.00 | 81.28 -2.34 0.00 | 84.10 -1.63 0.00 | 83.38 -1.44 0.00 | 87.42 -1.51 0.00 | 89.07 -0.90 0.00 | 102.99 -1.78 0.00 | 108.09 -2.66 0.00 | 123.30 -3.29 0.00 | 124.18 -4.11 0.00 | 119.92 -4.09 0.00 | 124.64 -4.79 0.00 | 124.83 -3.73 0.00 | 116.11 -4.21 0.00 | 114.62 -2.46 0.00 | 102.70 -2.42 0.00 | 99.54 -3.18 0.00 | 90.02 -3.26 0.00 | 77.78 -2.82 0.00 | 100.69 -2.27 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 139.23 11.34 -39.34 | 127.19 10.33 -30.02 | 117.14 10.20 -20.49 | 105.78 9.83 -9.72 | 104.18 9.70 -4.68 | 93.07 9.45 0.00 | 94.56 8.83 0.00 | 114.13 10.43 -18.88 | 143.77 11.29 -43.55 | 154.31 11.16 -53.19 | 166.54 13.41 -48.36 | 178.91 14.84 -53.32 | 212.19 17.22 -68.38 | 280.01 17.83 -133.89 | 343.66 16.99 -202.65 | 342.94 17.86 -195.65 | 364.45 17.74 -218.14 | 344.72 16.60 -207.79 | 253.01 16.16 -119.78 | 184.35 13.98 -65.25 | 174.44 13.25 -58.46 | 177.57 12.13 -72.17 | 171.27 10.16 -80.51 | 153.10 13.08 -37.07 |

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|------------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| FULTON COGEN____ 23766 | 88.23 -1.68 -1.35 | 85.84 -1.91 -0.91 | 85.10 -2.07 -0.72 | 84.71 -2.24 -0.72 | 87.82 -2.33 -0.35 | 81.95 -1.67 0.00 | 83.84 -1.89 0.00 | 83.56 -1.95 -0.69 | 89.07 -1.69 -1.83 | 90.83 -1.53 -2.39 | 105.86 -1.57 -2.67 | 111.94 -1.55 -2.74 | 127.72 -1.01 -2.14 | 130.11 -1.03 -2.85 | 126.19 -1.61 -3.79 | 130.77 -1.68 -3.03 | 130.25 -1.67 -3.36 | 122.90 -1.56 -4.13 | 119.23 -1.05 -3.21 | 107.33 -0.95 -3.15 | 104.88 -1.13 -3.28 | 95.40 -1.21 -3.33 | 81.84 -1.21 -2.44 | 102.86 -1.85 -1.75 |
| Freeport____CT2 23818 | 139.23 11.34 -39.34 | 127.19 10.33 -30.02 | 117.14 10.20 -20.49 | 105.78 9.83 -9.72 | 104.18 9.70 -4.68 | 93.07 9.45 0.00 | 94.56 8.83 0.00 | 114.13 10.43 -18.88 | 143.77 11.29 -43.55 | 154.31 11.16 -53.19 | 166.54 13.41 -48.36 | 178.91 14.84 -53.32 | 212.19 17.22 -68.38 | 280.01 17.83 -133.89 | 343.66 16.99 -202.65 | 342.94 17.86 -195.65 | 364.45 17.74 -218.14 | 344.72 16.60 -207.79 | 253.01 16.16 -119.78 | 184.35 13.98 -65.25 | 174.44 13.25 -58.46 | 177.57 12.13 -72.17 | 171.27 10.16 -80.51 | 153.10 13.08 -37.07 |
| G.F.CEMENT____DRP 24184 | 120.72 8.50 -23.66 | 111.04 8.25 -15.95 | 106.50 7.43 -12.62 | 106.12 7.24 -12.65 | 103.79 7.90 -6.08 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.60 7.72 -12.06 | 129.00 8.09 -31.98 | 139.25 7.47 -41.81 | 160.51 9.11 -46.63 | 168.02 9.30 -47.96 | 173.68 9.62 -37.47 | 187.79 9.24 -50.26 | 199.01 8.06 -66.94 | 192.08 8.02 -54.63 | 197.55 7.97 -61.02 | 201.70 8.54 -72.83 | 183.24 10.07 -56.10 | 170.01 9.78 -55.11 | 169.58 9.45 -57.40 | 159.78 8.21 -58.29 | 130.30 7.01 -42.69 | 142.56 8.96 -30.64 |
| GARDENVILLE____LBMP 24039 | 81.41 -9.92 -2.77 | 78.54 -10.16 -1.87 | 76.95 -10.98 -1.48 | 74.73 -12.07 -0.57 | 78.12 -12.39 -0.71 | 75.59 -8.03 0.00 | 76.30 -9.43 0.00 | 73.49 -11.45 -0.12 | 77.75 -11.92 -0.74 | 83.34 -11.52 -4.89 | 97.34 -12.89 -5.45 | 103.29 -13.07 -5.61 | 116.04 -14.94 -4.38 | 118.85 -15.27 -5.83 | 117.38 -14.39 -7.76 | 120.48 -15.14 -6.20 | 119.62 -15.81 -6.87 | 114.83 -13.96 -8.46 | 109.82 -13.82 -6.56 | 99.48 -12.09 -6.44 | 98.65 -10.79 -6.71 | 89.65 -10.45 -6.82 | 76.97 -8.62 -4.99 | 95.73 -10.81 -3.58 |
| GENERAL____MILLS 23808 | 81.72 -9.65 -2.81 | 78.83 -9.90 -1.89 | 77.23 -10.72 -1.50 | 75.03 -11.81 -0.61 | 78.31 -12.21 -0.72 | 75.84 -7.78 0.00 | 76.47 -9.26 0.00 | 73.71 -11.28 -0.17 | 78.18 -11.65 -0.90 | 83.69 -11.25 -4.96 | 97.73 -12.57 -5.54 | 103.60 -12.85 -5.69 | 116.48 -14.56 -4.45 | 119.33 -14.88 -5.92 | 117.75 -14.14 -7.87 | 120.83 -14.88 -6.29 | 119.98 -15.56 -6.97 | 115.19 -13.72 -8.59 | 110.16 -13.58 -6.66 | 99.89 -11.77 -6.54 | 98.96 -10.58 -6.81 | 90.03 -10.17 -6.92 | 77.29 -8.38 -5.07 | 96.20 -10.40 -3.64 |
| GE_PLASTICS____DRP 24183 | 114.26 2.83 -22.86 | 105.04 2.78 -15.42 | 101.41 2.77 -12.20 | 101.13 2.67 -12.23 | 98.56 2.87 -5.88 | 86.38 2.76 0.00 | 88.21 2.49 0.00 | 99.11 2.63 -11.66 | 122.59 2.76 -30.91 | 133.17 2.79 -40.41 | 153.19 3.35 -45.07 | 160.65 3.54 -46.36 | 166.86 4.05 -36.21 | 180.59 4.11 -48.20 | 191.96 3.84 -64.10 | 184.81 4.14 -51.24 | 189.32 3.99 -56.77 | 194.08 3.85 -69.91 | 174.93 3.63 -54.22 | 161.75 3.36 -53.27 | 161.50 3.29 -55.48 | 152.61 2.99 -56.34 | 124.36 2.50 -41.26 | 135.87 3.29 -29.62 |
| GILBOA____1 23756 | 110.21 3.90 -17.75 | 102.63 3.82 -11.97 | 99.98 4.06 -9.47 | 99.85 4.14 -9.48 | 98.68 4.31 -4.56 | 87.05 3.43 0.00 | 89.07 3.34 0.00 | 97.42 3.56 -9.04 | 116.64 3.82 -23.89 | 125.30 3.96 -31.37 | 144.36 4.61 -34.98 | 151.61 4.87 -35.98 | 160.53 5.82 -28.11 | 170.82 5.90 -36.63 | 178.23 5.70 -48.51 | 172.16 6.21 -36.52 | 174.08 6.04 -39.47 | 179.23 5.66 -53.25 | 164.55 5.39 -42.09 | 151.30 4.84 -41.35 | 150.42 4.62 -43.07 | 141.40 4.38 -43.73 | 116.26 3.63 -32.03 | 130.48 4.53 -22.99 |
| GILBOA____2 23757 | 110.21 3.90 -17.75 | 102.63 3.82 -11.97 | 99.98 4.06 -9.47 | 99.85 4.14 -9.48 | 98.68 4.31 -4.56 | 87.05 3.43 0.00 | 89.07 3.34 0.00 | 97.42 3.56 -9.04 | 116.64 3.82 -23.89 | 125.30 3.96 -31.37 | 144.36 4.61 -34.98 | 151.61 4.87 -35.98 | 160.53 5.82 -28.11 | 170.82 5.90 -36.63 | 178.23 5.70 -48.51 | 172.16 6.21 -36.52 | 174.08 6.04 -39.47 | 179.23 5.66 -53.25 | 164.55 5.39 -42.09 | 151.30 4.84 -41.35 | 150.42 4.62 -43.07 | 141.40 4.38 -43.73 | 116.26 3.63 -32.03 | 130.48 4.53 -22.99 |
| GILBOA____3 23758 | 110.21 3.90 -17.75 | 102.63 3.82 -11.97 | 99.98 4.06 -9.47 | 99.85 4.14 -9.48 | 98.68 4.31 -4.56 | 87.05 3.43 0.00 | 89.07 3.34 0.00 | 97.42 3.56 -9.04 | 116.64 3.82 -23.89 | 125.30 3.96 -31.37 | 144.36 4.61 -34.98 | 151.61 4.87 -35.98 | 160.53 5.82 -28.11 | 170.82 5.90 -36.63 | 178.23 5.70 -48.51 | 172.16 6.21 -36.52 | 174.08 6.04 -39.47 | 179.23 5.66 -53.25 | 164.55 5.39 -42.09 | 151.30 4.84 -41.35 | 150.42 4.62 -43.07 | 141.40 4.38 -43.73 | 116.26 3.63 -32.03 | 130.48 4.53 -22.99 |
| GILBOA____4 23759 | 110.21 3.90 -17.75 | 102.63 3.82 -11.97 | 99.98 4.06 -9.47 | 99.85 4.14 -9.48 | 98.68 4.31 -4.56 | 87.05 3.43 0.00 | 89.07 3.34 0.00 | 97.42 3.56 -9.04 | 116.64 3.82 -23.89 | 125.30 3.96 -31.37 | 144.36 4.61 -34.98 | 151.61 4.87 -35.98 | 160.53 5.82 -28.11 | 170.82 5.90 -36.63 | 178.23 5.70 -48.51 | 172.16 6.21 -36.52 | 174.08 6.04 -39.47 | 179.23 5.66 -53.25 | 164.55 5.39 -42.09 | 151.30 4.84 -41.35 | 150.42 4.62 -43.07 | 141.40 4.38 -43.73 | 116.26 3.63 -32.03 | 130.48 4.53 -22.99 |
| GILBOA____ 23599 | 110.21 3.90 -17.75 | 102.63 3.82 -11.97 | 99.98 4.06 -9.47 | 99.85 4.14 -9.48 | 98.68 4.31 -4.56 | 87.05 3.43 0.00 | 89.07 3.34 0.00 | 97.42 3.56 -9.04 | 116.64 3.82 -23.89 | 125.30 3.96 -31.37 | 144.36 4.61 -34.98 | 151.61 4.87 -35.98 | 160.53 5.82 -28.11 | 170.82 5.90 -36.63 | 178.23 5.70 -48.51 | 172.16 6.21 -36.52 | 174.08 6.04 -39.47 | 179.23 5.66 -53.25 | 164.55 5.39 -42.09 | 151.30 4.84 -41.35 | 150.42 4.62 -43.07 | 141.40 4.38 -43.73 | 116.26 3.63 -32.03 | 130.48 4.53 -22.99 |
| GINNA____ 23603 | 82.41 -8.15 -1.99 | 79.85 -8.34 -1.34 | 78.70 -8.82 -1.06 | 76.83 -9.40 0.00 | 80.44 -9.88 -0.51 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 75.42 -8.91 0.50 | 83.02 -8.80 -2.90 | 85.39 -8.10 -3.52 | 100.00 -8.70 -3.93 | 105.93 -8.86 -4.04 | 119.88 -9.87 -3.16 | 122.48 -10.01 -4.20 | 120.05 -9.55 -5.59 | 123.93 -9.97 -4.47 | 123.48 -10.03 -4.95 | 117.27 -9.14 -6.09 | 112.67 -9.13 -4.73 | 101.56 -8.20 -4.64 | 100.07 -7.50 -4.84 | 91.01 -7.18 -4.91 | 77.83 -6.37 -3.60 | 96.89 -8.65 -2.58 |
| GLEN PARK____ 23778 | 89.24 0.00 -0.68 | 86.51 -0.78 -0.46 | 85.77 -1.04 -0.36 | 85.47 -1.12 -0.36 | 88.72 -1.26 -0.17 | 82.78 -0.84 0.00 | 85.04 -0.69 0.00 | 84.91 -0.25 -0.35 | 90.29 0.44 -0.91 | 91.61 0.45 -1.20 | 107.05 0.94 -1.33 | 112.79 0.66 -1.37 | 128.17 0.51 -1.07 | 130.10 0.38 -1.43 | 124.67 -1.24 -1.90 | 129.52 -1.42 -1.52 | 129.73 -0.51 -1.68 | 122.03 -0.36 -2.07 | 119.15 0.47 -1.60 | 106.80 0.11 -1.58 | 105.19 0.82 -1.64 | 95.51 0.56 -1.67 | 81.75 -0.08 -1.22 | 103.22 -0.62 -0.88 |
| GLENWOOD_IC_1_G5 23712 | 138.16 10.45 -39.14 | 125.55 9.47 -29.24 | 114.95 9.34 -19.17 | 104.92 8.97 -9.72 | 103.37 8.89 -4.68 | 92.32 8.70 0.00 | 93.96 8.23 0.00 | 111.58 9.42 -17.34 | 142.79 10.32 -43.55 | 153.59 10.44 -53.19 | 165.49 12.36 -48.35 | 177.03 12.96 -53.32 | 210.04 15.06 -68.38 | 277.83 15.65 -133.89 | 341.92 15.25 -202.65 | 341.13 16.05 -195.65 | 362.52 15.81 -218.14 | 342.91 14.80 -207.79 | 251.02 14.17 -119.78 | 182.78 12.40 -65.25 | 172.90 11.71 -58.46 | 176.45 11.01 -72.16 | 171.11 10.00 -80.51 | 152.59 12.56 -37.07 |
| GLENWOOD_IC_2_G1 23688 | 137.42 9.92 -38.94 | 124.28 9.03 -28.41 | 113.10 8.90 -17.75 | 104.49 8.54 -9.72 | 103.01 8.53 -4.67 | 91.98 8.36 0.00 | 93.78 8.06 0.00 | 109.59 9.08 -15.69 | 142.43 9.96 -43.54 | 153.32 10.17 -53.19 | 165.28 12.15 -48.35 | 177.36 13.29 -53.32 | 210.55 15.57 -68.38 | 278.34 16.16 -133.89 | 342.29 15.63 -202.65 | 341.52 16.44 -195.65 | 362.90 16.20 -218.14 | 343.27 15.16 -207.79 | 251.49 14.63 -119.78 | 183.20 12.82 -65.25 | 173.31 12.12 -58.46 | 176.64 11.19 -72.16 | 170.55 9.43 -80.51 | 151.77 11.74 -37.07 |
| GLENWOOD_IC_3_G1 23689 | 137.42 9.92 -38.94 | 124.28 9.03 -28.41 | 113.10 8.90 -17.75 | 104.49 8.54 -9.72 | 103.01 8.53 -4.67 | 91.98 8.36 0.00 | 93.78 8.06 0.00 | 109.59 9.08 -15.69 | 142.43 9.96 -43.54 | 153.32 10.17 -53.19 | 165.28 12.15 -48.35 | 177.36 13.29 -53.32 | 210.55 15.57 -68.38 | 278.34 16.16 -133.89 | 342.29 15.63 -202.65 | 341.52 16.44 -195.65 | 362.90 16.20 -218.14 | 343.27 15.16 -207.79 | 251.49 14.63 -119.78 | 183.20 12.82 -65.25 | 173.31 12.12 -58.46 | 176.64 11.19 -72.16 | 170.55 9.43 -80.51 | 151.77 11.74 -37.07 |

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| GLENWOOD___4 23550 | 138.16 10.45 -39.14 | 125.55 9.47 -29.24 | 114.95 9.34 -19.16 | 104.92 8.97 -9.72 | 103.37 8.89 -4.68 | 92.32 8.70 0.00 | 93.96 8.23 0.00 | 111.57 9.42 -17.34 | 142.79 10.32 -43.55 | 153.59 10.44 -53.19 | 165.49 12.36 -48.35 | 177.25 13.18 -53.32 | 210.30 15.32 -68.38 | 278.09 15.91 -133.89 | 342.17 15.50 -202.65 | 341.39 16.31 -195.65 | 362.77 16.07 -218.14 | 343.15 15.04 -207.79 | 251.26 14.40 -119.78 | 182.99 12.61 -65.25 | 173.11 11.92 -58.46 | 176.64 11.19 -72.16 | 171.11 10.00 -80.51 | 152.59 12.56 -37.07 |
| GLENWOOD___5 23614 | 138.16 10.45 -39.14 | 125.55 9.47 -29.24 | 114.95 9.34 -19.16 | 104.92 8.97 -9.72 | 103.37 8.89 -4.68 | 92.32 8.70 0.00 | 93.96 8.23 0.00 | 111.57 9.42 -17.34 | 142.79 10.32 -43.55 | 153.59 10.44 -53.19 | 165.49 12.36 -48.35 | 177.25 13.18 -53.32 | 210.30 15.32 -68.38 | 278.09 15.91 -133.89 | 342.17 15.50 -202.65 | 341.39 16.31 -195.65 | 362.77 16.07 -218.14 | 343.15 15.04 -207.79 | 251.26 14.40 -119.78 | 182.99 12.61 -65.25 | 173.11 11.92 -58.46 | 176.64 11.19 -72.16 | 171.11 10.00 -80.51 | 152.59 12.56 -37.07 |
| GLOBAL GREEN_PORT_GT1 23814 | 148.92 21.61 -38.75 | 134.38 19.89 -27.65 | 122.69 19.80 -16.45 | 115.01 19.06 -9.72 | 113.34 18.86 -4.67 | 101.60 17.98 0.00 | 102.70 16.97 0.00 | 119.37 20.36 -14.19 | 155.95 23.48 -43.54 | 168.88 25.73 -53.19 | 185.39 32.27 -48.35 | 199.73 35.66 -53.32 | 238.40 43.42 -68.38 | 308.24 46.06 -133.89 | 365.73 39.06 -202.65 | 366.11 41.03 -195.65 | 387.59 40.88 -218.14 | 366.14 38.02 -207.79 | 279.01 42.15 -119.78 | 206.64 36.27 -65.25 | 193.24 32.05 -58.46 | 193.62 28.17 -72.16 | 183.69 22.57 -80.51 | 166.49 26.46 -37.07 |
| GOETHSLN___LBMP 323567 | 134.49 9.56 -36.37 | 107.79 8.68 -12.27 | 104.80 8.65 -9.70 | 104.14 8.19 -9.72 | 102.74 8.26 -4.67 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 130.15 8.82 -36.51 | 146.66 9.52 -48.22 | 153.06 9.72 -53.38 | 155.69 11.73 -39.18 | 160.48 12.85 -36.88 | 170.47 15.06 -28.81 | 186.51 15.65 -42.57 | 188.90 15.01 -49.88 | 190.19 15.79 -44.98 | 192.21 15.68 -47.97 | 188.76 14.56 -53.87 | 174.38 14.17 -43.14 | 159.90 12.40 -42.38 | 163.17 11.61 -48.83 | 171.04 10.82 -66.94 | 167.35 9.11 -77.64 | 142.39 11.33 -28.10 |
| GOUDEY___7 23579 | 93.80 -0.62 -5.86 | 89.75 -1.04 -3.95 | 88.37 -1.21 -3.13 | 87.72 -1.55 -3.05 | 89.70 -1.62 -1.51 | 82.87 -0.75 0.00 | 84.78 -0.94 0.00 | 86.50 -1.19 -2.87 | 95.41 -0.89 -7.37 | 99.79 -0.54 -10.36 | 116.11 -0.21 -11.55 | 122.74 0.11 -11.88 | 136.38 0.51 -9.28 | 141.41 0.77 -12.35 | 141.19 0.74 -16.43 | 143.46 0.91 -13.13 | 143.75 0.64 -14.55 | 139.08 0.84 -17.92 | 131.44 0.47 -13.89 | 119.19 0.42 -13.65 | 117.25 0.31 -14.22 | 107.91 0.19 -14.44 | 90.94 -0.24 -10.57 | 109.93 -0.62 -7.59 |
| GOUDEY___8 23580 | 93.80 -0.62 -5.86 | 89.75 -1.04 -3.95 | 88.28 -1.30 -3.13 | 87.64 -1.64 -3.05 | 89.61 -1.71 -1.51 | 82.87 -0.75 0.00 | 84.70 -1.03 0.00 | 86.50 -1.19 -2.87 | 95.41 -0.89 -7.37 | 99.79 -0.54 -10.36 | 116.00 -0.31 -11.55 | 122.63 0.00 -11.88 | 136.38 0.51 -9.28 | 141.28 0.64 -12.35 | 141.19 0.74 -16.43 | 143.46 0.91 -13.13 | 143.75 0.64 -14.55 | 138.96 0.72 -17.92 | 131.44 0.47 -13.89 | 119.09 0.32 -13.65 | 117.15 0.21 -14.22 | 107.91 0.19 -14.44 | 90.94 -0.24 -10.57 | 109.83 -0.72 -7.59 |
| GOWANUS_GT1_1 24077 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_2 24078 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_3 24079 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_4 24080 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_5 24084 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_6 24111 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_7 24112 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT1_8 24113 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_1 24114 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_2 24115 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |

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|------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GOWANUS_GT2_3 24116 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_4 24117 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_5 24118 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_6 24119 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_7 24120 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT2_8 24121 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_1 24122 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_2 24123 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_3 24124 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_4 24125 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_5 24126 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_6 24127 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_7 24128 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT3_8 24129 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_1 24130 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_2 24131 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |

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|---------------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GOWANUS_GT4_3 24132 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_4 24133 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_5 24134 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_6 24135 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_7 24136 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GOWANUS_GT4_8 24137 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| GREENIDGE___3 23582 | 86.40 -5.31 -3.15 | 83.15 -5.82 -2.13 | 81.82 -6.31 -1.68 | 80.92 -6.98 -1.67 | 83.34 -7.27 -0.81 | 78.85 -4.77 0.00 | 80.32 -5.40 0.00 | 80.39 -6.02 -1.59 | 86.91 -5.60 -3.59 | 90.60 -4.95 -5.58 | 105.96 -5.03 -6.22 | 112.16 -4.98 -6.40 | 126.27 -5.32 -5.00 | 129.68 -5.26 -6.65 | 127.53 -5.33 -8.84 | 130.93 -5.57 -7.07 | 130.61 -5.79 -7.83 | 124.92 -5.05 -9.65 | 119.53 -5.03 -7.48 | 108.37 -4.10 -7.35 | 106.27 -4.11 -7.65 | 97.04 -4.01 -7.77 | 82.35 -3.95 -5.69 | 101.28 -5.77 -4.09 |
| GREENIDGE___4 23583 | 86.40 -5.31 -3.15 | 83.15 -5.82 -2.13 | 81.82 -6.31 -1.68 | 80.92 -6.98 -1.67 | 83.34 -7.27 -0.81 | 78.85 -4.77 0.00 | 80.32 -5.40 0.00 | 80.39 -6.02 -1.59 | 86.91 -5.60 -3.59 | 90.60 -4.95 -5.58 | 105.96 -5.03 -6.22 | 112.16 -4.98 -6.40 | 126.27 -5.32 -5.00 | 129.68 -5.26 -6.65 | 127.53 -5.33 -8.84 | 130.93 -5.57 -7.07 | 130.61 -5.79 -7.83 | 124.92 -5.05 -9.65 | 119.53 -5.03 -7.48 | 108.37 -4.10 -7.35 | 106.27 -4.11 -7.65 | 97.04 -4.01 -7.77 | 82.35 -3.95 -5.69 | 101.28 -5.77 -4.09 |
| GROVEVILLE___HYD 323602 | 115.75 8.59 -18.60 | 107.11 7.73 -12.54 | 104.06 7.69 -9.92 | 103.41 7.24 -9.94 | 101.95 7.36 -4.78 | 90.81 7.19 0.00 | 92.84 7.12 0.00 | 102.10 7.80 -9.48 | 122.62 8.63 -25.06 | 131.84 9.00 -32.87 | 152.22 10.79 -36.66 | 160.53 12.07 -37.71 | 170.36 14.31 -29.46 | 185.88 15.01 -42.58 | 196.12 14.63 -57.47 | 200.59 15.53 -55.63 | 209.71 15.30 -65.85 | 195.61 14.08 -61.21 | 174.77 13.58 -44.11 | 160.12 11.67 -43.33 | 158.85 10.99 -45.13 | 149.18 10.07 -45.83 | 122.63 8.46 -33.56 | 137.35 10.30 -24.09 |
| HAMPSHIRE___PAPER_HYD 323593 | 88.03 -0.53 0.00 | 86.06 -0.78 0.00 | 85.67 -0.78 0.00 | 85.54 -0.69 0.00 | 89.00 -0.81 0.00 | 82.37 -1.25 0.00 | 84.95 -0.77 0.00 | 84.31 -0.51 0.00 | 88.48 -0.44 0.00 | 89.52 -0.45 0.00 | 103.72 -1.05 0.00 | 108.64 -2.10 0.00 | 123.43 -3.16 0.00 | 124.83 -3.46 0.00 | 120.05 -3.97 0.00 | 124.64 -4.79 0.00 | 125.35 -3.21 0.00 | 116.84 -3.49 0.00 | 115.56 -1.52 0.00 | 103.44 -1.68 0.00 | 101.39 -1.34 0.00 | 91.79 -1.49 0.00 | 79.32 -1.29 0.00 | 101.62 -1.34 0.00 |
| HARZA MOOSE___RIVER 24016 | 88.92 0.35 0.00 | 86.84 0.00 0.00 | 86.28 -0.17 0.00 | 86.06 -0.17 0.00 | 89.54 -0.27 0.00 | 83.54 -0.08 0.00 | 85.73 0.00 0.00 | 84.99 0.17 0.00 | 89.55 0.62 0.00 | 90.69 0.72 0.00 | 105.71 0.94 0.00 | 111.41 0.66 0.00 | 127.35 0.76 0.00 | 128.93 0.64 0.00 | 123.77 -0.25 0.00 | 129.04 -0.39 0.00 | 128.69 0.13 0.00 | 120.45 0.12 0.00 | 117.90 0.82 0.00 | 105.65 0.53 0.00 | 103.55 0.82 0.00 | 93.84 0.56 0.00 | 80.85 0.24 0.00 | 102.96 0.00 0.00 |
| HEMPSTEAD___ 23647 | 138.41 10.72 -39.13 | 125.68 9.64 -29.20 | 115.15 9.60 -19.10 | 105.18 9.23 -9.72 | 103.55 9.07 -4.68 | 92.48 8.86 0.00 | 94.04 8.32 0.00 | 111.84 9.75 -17.27 | 143.05 10.58 -43.55 | 153.95 10.80 -53.19 | 166.01 12.89 -48.35 | 178.14 14.07 -53.32 | 211.31 16.33 -68.38 | 279.11 16.93 -133.89 | 343.16 16.49 -202.65 | 342.42 17.34 -195.65 | 363.80 17.10 -218.14 | 344.00 15.88 -207.79 | 252.20 15.34 -119.78 | 183.72 13.35 -65.25 | 173.93 12.74 -58.46 | 177.20 11.75 -72.16 | 171.03 9.91 -80.51 | 152.49 12.46 -37.07 |
| HICKLING___1 23621 | 91.31 -1.33 -4.07 | 87.42 -2.17 -2.75 | 85.68 -2.94 -2.17 | 84.61 -3.71 -2.09 | 87.08 -3.77 -1.05 | 82.28 -1.34 0.00 | 84.01 -1.71 0.00 | 84.14 -2.63 -1.95 | 91.51 -1.96 -4.53 | 95.91 -1.26 -7.20 | 112.28 -0.52 -8.03 | 119.01 0.00 -8.26 | 134.19 1.14 -6.45 | 138.42 1.54 -8.59 | 136.93 1.49 -11.42 | 140.24 1.68 -9.13 | 139.70 1.03 -10.12 | 134.23 1.44 -12.46 | 127.79 1.05 -9.66 | 115.45 0.84 -9.49 | 113.33 0.72 -9.89 | 103.69 0.37 -10.04 | 87.47 -0.48 -7.35 | 106.79 -1.44 -5.28 |
| HICKLING___2 23622 | 91.31 -1.33 -4.07 | 87.42 -2.17 -2.75 | 85.68 -2.94 -2.17 | 84.61 -3.71 -2.09 | 87.08 -3.77 -1.05 | 82.28 -1.34 0.00 | 84.01 -1.71 0.00 | 84.14 -2.63 -1.95 | 91.51 -1.96 -4.53 | 95.91 -1.26 -7.20 | 112.28 -0.52 -8.03 | 119.01 0.00 -8.26 | 134.19 1.14 -6.45 | 138.42 1.54 -8.59 | 136.93 1.49 -11.42 | 140.24 1.68 -9.13 | 139.70 1.03 -10.12 | 134.23 1.44 -12.46 | 127.79 1.05 -9.66 | 115.45 0.84 -9.49 | 113.33 0.72 -9.89 | 103.69 0.37 -10.04 | 87.47 -0.48 -7.35 | 106.79 -1.44 -5.28 |
| HIGH FALLS___HY 23754 | 117.86 10.98 -18.31 | 109.09 9.90 -12.35 | 105.99 9.77 -9.77 | 105.42 9.40 -9.79 | 104.12 9.61 -4.71 | 92.99 9.37 0.00 | 95.15 9.43 0.00 | 104.08 9.92 -9.33 | 124.54 10.94 -24.68 | 133.67 11.34 -32.37 | 154.49 13.62 -36.10 | 163.16 15.28 -37.13 | 175.35 19.75 -29.00 | 189.73 20.78 -40.66 | 197.33 18.73 -54.59 | 198.90 19.93 -49.55 | 205.56 19.54 -57.46 | 197.01 18.05 -58.64 | 179.71 19.20 -43.43 | 164.39 16.61 -42.66 | 161.44 14.28 -44.44 | 151.56 13.15 -45.12 | 124.53 10.88 -33.04 | 139.86 13.18 -23.72 |
| HILLBURN___GT 23639 | 114.60 8.59 -17.45 | 106.25 7.64 -11.76 | 103.36 7.61 -9.30 | 102.71 7.16 -9.32 | 101.47 7.18 -4.48 | 90.73 7.11 0.00 | 92.93 7.20 0.00 | 101.51 7.80 -8.89 | 120.96 8.54 -23.50 | 129.53 8.73 -30.84 | 149.74 10.58 -34.39 | 157.97 11.85 -35.37 | 169.16 14.94 -27.63 | 184.45 15.65 -40.51 | 193.32 14.51 -54.80 | 199.36 15.40 -54.53 | 208.68 15.04 -65.07 | 192.43 13.96 -58.15 | 172.62 14.17 -41.37 | 158.06 12.30 -40.64 | 155.85 10.79 -42.33 | 146.25 9.98 -42.99 | 120.39 8.30 -31.48 | 135.75 10.19 -22.60 |

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|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| HOLTSVILLE_IC_1 23690 | 139.62 12.31 -38.75 | 126.03 11.55 -27.64 | 114.55 11.67 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.73 15.61 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.56 11.45 -80.51 | 154.13 14.11 -37.07 |
| HOLTSVILLE_IC_10 23699 | 140.42 13.11 -38.75 | 126.76 12.24 -27.68 | 115.31 12.36 -16.49 | 107.85 11.90 -9.72 | 106.16 11.67 -4.67 | 94.99 11.37 0.00 | 96.01 10.29 0.00 | 111.53 12.47 -14.24 | 145.81 13.34 -43.54 | 156.92 13.77 -53.19 | 169.89 16.76 -48.35 | 182.12 18.05 -53.32 | 215.86 20.89 -68.38 | 284.25 22.07 -133.89 | 347.75 21.08 -202.65 | 347.08 22.00 -195.65 | 368.30 21.60 -218.14 | 348.09 19.97 -207.79 | 256.64 19.79 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.18 14.74 -72.16 | 173.29 12.17 -80.51 | 155.06 15.03 -37.07 |
| HOLTSVILLE_IC_2 23691 | 139.62 12.31 -38.75 | 126.03 11.55 -27.64 | 114.55 11.67 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.73 15.61 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.56 11.45 -80.51 | 154.13 14.11 -37.07 |
| HOLTSVILLE_IC_3 23692 | 139.62 12.31 -38.75 | 126.03 11.55 -27.64 | 114.55 11.67 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.73 15.61 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.56 11.45 -80.51 | 154.13 14.11 -37.07 |
| HOLTSVILLE_IC_4 23693 | 139.62 12.31 -38.75 | 126.03 11.55 -27.64 | 114.55 11.67 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.73 15.61 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.56 11.45 -80.51 | 154.13 14.11 -37.07 |
| HOLTSVILLE_IC_5 23694 | 139.62 12.31 -38.75 | 126.03 11.55 -27.64 | 114.55 11.67 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.73 15.61 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.56 11.45 -80.51 | 154.13 14.11 -37.07 |
| HOLTSVILLE_IC_6 23695 | 140.42 13.11 -38.75 | 126.76 12.24 -27.68 | 115.31 12.36 -16.49 | 107.85 11.90 -9.72 | 106.16 11.67 -4.67 | 94.99 11.37 0.00 | 96.01 10.29 0.00 | 111.53 12.47 -14.24 | 145.81 13.34 -43.54 | 156.92 13.77 -53.19 | 169.89 16.76 -48.35 | 182.12 18.05 -53.32 | 215.86 20.89 -68.38 | 284.25 22.07 -133.89 | 347.75 21.08 -202.65 | 347.08 22.00 -195.65 | 368.30 21.60 -218.14 | 348.09 19.97 -207.79 | 256.64 19.79 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.18 14.74 -72.16 | 173.29 12.17 -80.51 | 155.06 15.03 -37.07 |
| HOLTSVILLE_IC_7 23696 | 140.42 13.11 -38.75 | 126.76 12.24 -27.68 | 115.31 12.36 -16.49 | 107.85 11.90 -9.72 | 106.16 11.67 -4.67 | 94.99 11.37 0.00 | 96.01 10.29 0.00 | 111.53 12.47 -14.24 | 145.81 13.34 -43.54 | 156.92 13.77 -53.19 | 169.89 16.76 -48.35 | 182.12 18.05 -53.32 | 215.86 20.89 -68.38 | 284.25 22.07 -133.89 | 347.75 21.08 -202.65 | 347.08 22.00 -195.65 | 368.30 21.60 -218.14 | 348.09 19.97 -207.79 | 256.64 19.79 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.18 14.74 -72.16 | 173.29 12.17 -80.51 | 155.06 15.03 -37.07 |
| HOLTSVILLE_IC_8 23697 | 140.42 13.11 -38.75 | 126.76 12.24 -27.68 | 115.31 12.36 -16.49 | 107.85 11.90 -9.72 | 106.16 11.67 -4.67 | 94.99 11.37 0.00 | 96.01 10.29 0.00 | 111.53 12.47 -14.24 | 145.81 13.34 -43.54 | 156.92 13.77 -53.19 | 169.89 16.76 -48.35 | 182.12 18.05 -53.32 | 215.86 20.89 -68.38 | 284.25 22.07 -133.89 | 347.75 21.08 -202.65 | 347.08 22.00 -195.65 | 368.30 21.60 -218.14 | 348.09 19.97 -207.79 | 256.64 19.79 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.18 14.74 -72.16 | 173.29 12.17 -80.51 | 155.06 15.03 -37.07 |
| HOLTSVILLE_IC_9 23698 | 140.42 13.11 -38.75 | 126.76 12.24 -27.68 | 115.31 12.36 -16.49 | 107.85 11.90 -9.72 | 106.16 11.67 -4.67 | 94.99 11.37 0.00 | 96.01 10.29 0.00 | 111.53 12.47 -14.24 | 145.81 13.34 -43.54 | 156.92 13.77 -53.19 | 169.89 16.76 -48.35 | 182.12 18.05 -53.32 | 215.86 20.89 -68.38 | 284.25 22.07 -133.89 | 347.75 21.08 -202.65 | 347.08 22.00 -195.65 | 368.30 21.60 -218.14 | 348.09 19.97 -207.79 | 256.64 19.79 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.18 14.74 -72.16 | 173.29 12.17 -80.51 | 155.06 15.03 -37.07 |
| HQ_GEN_CEDARS 23644 | 86.79 -1.77 0.00 | 85.36 -1.48 0.00 | 85.15 -1.30 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.36 -2.26 0.00 | 84.01 -1.71 0.00 | 83.29 -1.53 0.00 | 87.06 -1.87 0.00 | 88.08 -1.89 0.00 | 101.94 -2.83 0.00 | 107.09 -3.65 0.00 | 122.16 -4.43 0.00 | 123.54 -4.75 0.00 | 119.18 -4.84 0.00 | 123.99 -5.44 0.00 | 123.80 -4.76 0.00 | 115.39 -4.93 0.00 | 113.68 -3.40 0.00 | 102.07 -3.05 0.00 | 99.24 -3.49 0.00 | 90.02 -3.26 0.00 | 77.95 -2.66 0.00 | 100.38 -2.57 0.00 |
| HQ_GEN_IMPORT 323601 | 85.69 -1.68 1.19 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.28 -0.95 0.00 | 85.43 -0.99 3.39 | 85.42 -1.59 -3.39 | 84.52 -1.20 0.00 | 85.44 -1.19 -1.81 | 85.52 -1.60 1.81 | 88.17 -1.80 0.00 | 102.36 -2.41 0.00 | 108.09 -2.66 0.00 | 123.43 -3.16 0.00 | 124.95 -3.34 0.00 | 120.79 -3.22 0.00 | 126.06 -3.37 0.00 | 125.22 -3.34 0.00 | 117.08 -3.25 0.00 | 114.27 -2.81 0.00 | 102.60 -2.52 0.00 | 100.06 -2.67 0.00 | 97.61 -2.33 -6.66 | 85.54 -1.93 -6.87 | 85.73 -2.16 15.07 |
| HQ_GEN_WHEEL 23651 | 86.88 -1.68 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.28 -0.95 0.00 | 85.43 -0.99 3.39 | 85.42 -1.59 -3.39 | 84.52 -1.20 0.00 | 83.63 -1.19 0.00 | 87.33 -1.60 0.00 | 88.17 -1.80 0.00 | 102.36 -2.41 0.00 | 108.09 -2.66 0.00 | 123.43 -3.16 0.00 | 124.95 -3.34 0.00 | 120.79 -3.22 0.00 | 126.06 -3.37 0.00 | 125.22 -3.34 0.00 | 117.08 -3.25 0.00 | 114.27 -2.81 0.00 | 102.60 -2.52 0.00 | 100.06 -2.67 0.00 | 97.61 -2.33 -6.66 | 85.54 -1.93 -6.87 | 87.27 -2.16 13.53 |
| HUDSON_AVE_GT_3 23810 | 134.94 10.01 -36.37 | 108.22 9.12 -12.27 | 105.23 9.08 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.30 8.57 0.00 | 130.57 9.25 -36.51 | 147.19 10.05 -48.22 | 153.60 10.26 -53.38 | 156.31 12.36 -39.18 | 161.14 13.51 -36.88 | 171.23 15.82 -28.81 | 187.41 16.55 -42.57 | 197.43 15.75 -57.66 | 204.36 16.70 -58.24 | 214.82 16.46 -69.80 | 196.78 15.40 -61.06 | 175.09 14.87 -43.14 | 160.43 12.93 -42.38 | 163.79 12.22 -48.83 | 171.60 11.38 -66.94 | 167.84 9.59 -77.64 | 142.90 11.84 -28.10 |
| HUDSON_AVE_GT_4 23540 | 134.94 10.01 -36.37 | 108.22 9.12 -12.27 | 105.23 9.08 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.30 8.57 0.00 | 130.57 9.25 -36.51 | 147.19 10.05 -48.22 | 153.60 10.26 -53.38 | 156.31 12.36 -39.18 | 161.14 13.51 -36.88 | 171.23 15.82 -28.81 | 187.41 16.55 -42.57 | 197.43 15.75 -57.66 | 204.36 16.70 -58.24 | 214.82 16.46 -69.80 | 196.78 15.40 -61.06 | 175.09 14.87 -43.14 | 160.43 12.93 -42.38 | 163.79 12.22 -48.83 | 171.60 11.38 -66.94 | 167.84 9.59 -77.64 | 142.90 11.84 -28.10 |
| HUDSON_AVE_GT_5 23657 | 134.94 10.01 -36.37 | 108.22 9.12 -12.27 | 105.23 9.08 -9.70 | 104.49 8.54 -9.72 | 103.19 8.71 -4.67 | 92.23 8.61 0.00 | 94.30 8.57 0.00 | 130.57 9.25 -36.51 | 147.19 10.05 -48.22 | 153.60 10.26 -53.38 | 156.31 12.36 -39.18 | 161.14 13.51 -36.88 | 171.23 15.82 -28.81 | 187.41 16.55 -42.57 | 197.43 15.75 -57.66 | 204.36 16.70 -58.24 | 214.82 16.46 -69.80 | 196.78 15.40 -61.06 | 175.09 14.87 -43.14 | 160.43 12.93 -42.38 | 163.79 12.22 -48.83 | 171.60 11.38 -66.94 | 167.84 9.59 -77.64 | 142.90 11.84 -28.10 |

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|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| HUDSON_AVE_10 24168 | 134.76 9.83 -36.37 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 130.40 9.08 -36.51 | 146.93 9.78 -48.22 | 153.42 10.08 -53.38 | 156.00 12.05 -39.18 | 160.81 13.18 -36.88 | 170.85 15.44 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.66 | 203.98 16.31 -58.24 | 214.56 16.20 -69.80 | 196.42 15.04 -61.06 | 174.73 14.52 -43.14 | 160.22 12.72 -42.38 | 163.58 12.02 -48.83 | 171.32 11.10 -66.94 | 167.60 9.35 -77.64 | 142.70 11.63 -28.10 |
| HUNTER MOUNT___DRP 323613 | 117.15 8.24 -20.35 | 108.20 7.64 -13.72 | 104.82 7.52 -10.85 | 104.35 7.24 -10.88 | 102.58 7.54 -5.23 | 90.89 7.27 0.00 | 92.93 7.20 0.00 | 102.74 7.55 -10.37 | 124.63 8.27 -27.43 | 134.66 8.73 -35.96 | 155.46 10.58 -40.11 | 163.85 11.85 -41.26 | 173.38 14.56 -32.23 | 187.69 15.14 -44.26 | 197.73 14.51 -59.21 | 195.96 15.27 -51.26 | 201.98 14.91 -58.50 | 198.14 13.84 -63.98 | 179.15 13.82 -48.25 | 164.61 12.09 -47.41 | 163.09 10.99 -49.37 | 153.40 9.98 -50.14 | 125.62 8.30 -36.72 | 139.41 10.09 -26.36 |
| HUNTLEY___63 23557 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| HUNTLEY___64 23558 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| HUNTLEY___65 23559 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| HUNTLEY___66 23560 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| HUNTLEY___67 23561 | 80.55 -10.72 -2.70 | 77.81 -10.85 -1.82 | 76.22 -11.67 -1.44 | 73.99 -12.76 -0.52 | 77.39 -13.11 -0.69 | 75.01 -8.61 0.00 | 75.61 -10.12 0.00 | 72.59 -12.30 -0.07 | 76.65 -12.81 -0.53 | 82.33 -12.42 -4.77 | 96.06 -14.04 -5.33 | 101.94 -14.29 -5.48 | 114.42 -16.46 -4.28 | 117.18 -16.81 -5.70 | 115.71 -15.87 -7.57 | 118.65 -16.83 -6.05 | 117.91 -17.36 -6.71 | 113.18 -15.40 -8.26 | 108.38 -15.10 -6.41 | 98.27 -13.14 -6.29 | 97.47 -11.81 -6.56 | 88.56 -11.38 -6.66 | 76.21 -9.27 -4.87 | 94.93 -11.53 -3.50 |
| HUNTLEY___68 23562 | 80.55 -10.72 -2.70 | 77.81 -10.85 -1.82 | 76.22 -11.67 -1.44 | 73.99 -12.76 -0.52 | 77.39 -13.11 -0.69 | 75.01 -8.61 0.00 | 75.61 -10.12 0.00 | 72.59 -12.30 -0.07 | 76.65 -12.81 -0.53 | 82.33 -12.42 -4.77 | 96.06 -14.04 -5.33 | 101.94 -14.29 -5.48 | 114.42 -16.46 -4.28 | 117.18 -16.81 -5.70 | 115.71 -15.87 -7.57 | 118.65 -16.83 -6.05 | 117.91 -17.36 -6.71 | 113.18 -15.40 -8.26 | 108.38 -15.10 -6.41 | 98.27 -13.14 -6.29 | 97.47 -11.81 -6.56 | 88.56 -11.38 -6.66 | 76.21 -9.27 -4.87 | 94.93 -11.53 -3.50 |
| INDECK___CORINTH 23802 | 120.16 7.70 -23.89 | 110.42 7.47 -16.11 | 105.68 6.48 -12.74 | 105.30 6.29 -12.78 | 102.95 7.00 -6.14 | 90.98 7.36 0.00 | 93.01 7.29 0.00 | 103.88 6.87 -12.19 | 128.52 7.29 -32.30 | 138.41 6.21 -42.23 | 159.51 7.65 -47.10 | 166.84 6.54 -48.45 | 171.40 6.96 -37.84 | 185.57 5.58 -50.74 | 197.16 5.58 -67.57 | 189.93 5.44 -55.07 | 195.43 5.40 -61.47 | 200.35 6.50 -73.53 | 182.29 8.55 -56.66 | 169.41 8.62 -55.67 | 169.23 8.53 -57.98 | 159.53 7.37 -58.87 | 130.01 6.29 -43.12 | 141.84 7.93 -30.95 |
| INDECK___ILION 23567 | 90.68 2.57 0.45 | 88.97 2.43 0.30 | 88.63 2.42 0.24 | 88.32 2.33 0.24 | 92.12 2.42 0.12 | 86.04 2.42 0.00 | 88.13 2.40 0.00 | 86.97 2.37 0.23 | 90.90 2.58 0.61 | 91.87 2.70 0.80 | 107.13 3.25 0.89 | 113.27 3.43 0.91 | 130.56 4.68 0.71 | 132.09 4.75 0.95 | 126.60 3.84 1.26 | 132.43 4.01 1.01 | 131.43 3.99 1.12 | 122.80 3.85 1.38 | 120.11 4.10 1.07 | 107.75 3.68 1.05 | 104.82 3.18 1.09 | 95.06 2.89 1.11 | 82.21 2.42 0.81 | 105.26 2.88 0.58 |
| INDECK___OLEAN 23982 | 87.12 -4.52 -3.07 | 83.53 -5.38 -2.07 | 81.52 -6.57 -1.64 | 79.40 -7.67 -0.84 | 82.78 -7.81 -0.79 | 79.69 -3.93 0.00 | 81.01 -4.71 0.00 | 79.57 -5.68 -0.43 | 84.89 -5.51 -1.48 | 90.45 -4.95 -5.43 | 106.11 -4.71 -6.06 | 112.66 -4.32 -6.23 | 127.28 -4.18 -4.87 | 130.53 -4.23 -6.48 | 128.54 -4.09 -8.61 | 132.04 -4.27 -6.88 | 130.66 -5.53 -7.63 | 125.27 -4.45 -9.39 | 119.56 -4.80 -7.29 | 108.18 -4.10 -7.16 | 106.79 -3.39 -7.45 | 97.21 -3.64 -7.57 | 82.68 -3.47 -5.54 | 102.31 -4.63 -3.98 |
| INDECK___OSWEGO 23783 | 87.82 -2.04 -1.30 | 85.46 -2.26 -0.88 | 84.72 -2.42 -0.69 | 84.34 -2.59 -0.70 | 87.45 -2.69 -0.33 | 81.61 -2.01 0.00 | 83.50 -2.23 0.00 | 83.19 -2.29 -0.66 | 88.55 -2.13 -1.76 | 90.29 -1.98 -2.30 | 105.24 -2.10 -2.56 | 111.17 -2.21 -2.63 | 126.37 -2.28 -2.06 | 128.72 -2.31 -2.74 | 125.30 -2.36 -3.64 | 129.88 -2.46 -2.91 | 129.34 -2.44 -3.23 | 122.01 -2.29 -3.97 | 118.05 -2.11 -3.08 | 106.15 -2.00 -3.03 | 104.14 -1.75 -3.15 | 94.80 -1.68 -3.20 | 81.42 -1.53 -2.34 | 102.38 -2.27 -1.68 |
| INDECK___YERKES 23781 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| INDIAN POINT_GT_1 24139 | 115.19 8.59 -18.04 | 106.73 7.73 -12.17 | 103.68 7.61 -9.62 | 103.03 7.16 -9.64 | 101.72 7.27 -4.64 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 101.90 7.89 -9.19 | 121.77 8.54 -24.31 | 130.67 8.82 -31.89 | 150.91 10.58 -35.56 | 159.07 11.74 -36.58 | 168.84 13.67 -28.58 | 184.84 14.37 -42.19 | 195.04 13.89 -57.14 | 201.80 14.75 -57.62 | 212.11 14.53 -69.02 | 194.31 13.48 -60.51 | 172.86 13.00 -42.79 | 158.40 11.25 -42.03 | 157.09 10.58 -43.78 | 147.53 9.79 -44.46 | 121.38 8.22 -32.56 | 136.52 10.19 -23.37 |
| INDIAN POINT_GT_2 23659 | 115.19 8.59 -18.04 | 106.73 7.73 -12.17 | 103.68 7.61 -9.62 | 103.03 7.16 -9.64 | 101.72 7.27 -4.64 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 101.90 7.89 -9.19 | 121.77 8.54 -24.31 | 130.67 8.82 -31.89 | 150.91 10.58 -35.56 | 159.07 11.74 -36.58 | 168.84 13.67 -28.58 | 184.84 14.37 -42.19 | 195.04 13.89 -57.14 | 201.80 14.75 -57.62 | 212.11 14.53 -69.02 | 194.31 13.48 -60.51 | 172.86 13.00 -42.79 | 158.40 11.25 -42.03 | 157.09 10.58 -43.78 | 147.53 9.79 -44.46 | 121.38 8.22 -32.56 | 136.52 10.19 -23.37 |
| INDIAN POINT_GT_3 24019 | 115.19 8.59 -18.04 | 106.73 7.73 -12.17 | 103.68 7.61 -9.62 | 103.03 7.16 -9.64 | 101.72 7.27 -4.64 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 101.90 7.89 -9.19 | 121.77 8.54 -24.31 | 130.67 8.82 -31.89 | 150.91 10.58 -35.56 | 159.07 11.74 -36.58 | 168.84 13.67 -28.58 | 184.84 14.37 -42.19 | 195.04 13.89 -57.14 | 201.80 14.75 -57.62 | 212.11 14.53 -69.02 | 194.31 13.48 -60.51 | 172.86 13.00 -42.79 | 158.40 11.25 -42.03 | 157.09 10.58 -43.78 | 147.53 9.79 -44.46 | 121.38 8.22 -32.56 | 136.52 10.19 -23.37 |

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| INDIAN POINT___2 23530 | 114.65 8.24 -17.85 | 106.26 7.38 -12.04 | 103.32 7.35 -9.52 | 102.67 6.90 -9.54 | 101.40 7.00 -4.59 | 90.56 6.94 0.00 | 92.67 6.94 0.00 | 101.46 7.55 -9.09 | 121.24 8.27 -24.04 | 129.97 8.46 -31.55 | 150.11 10.16 -35.18 | 158.23 11.30 -36.19 | 168.15 13.29 -28.27 | 183.90 13.98 -41.63 | 193.89 13.52 -56.36 | 200.35 14.37 -56.56 | 210.37 14.14 -67.67 | 193.17 13.12 -59.73 | 171.93 12.53 -42.33 | 157.63 10.93 -41.58 | 156.31 10.27 -43.31 | 146.77 9.51 -43.98 | 120.79 7.98 -32.21 | 135.86 9.78 -23.12 |
| INDIAN POINT___3 23531 | 114.76 8.15 -18.05 | 106.30 7.29 -12.17 | 103.34 7.26 -9.63 | 102.69 6.81 -9.65 | 101.36 6.92 -4.64 | 90.48 6.86 0.00 | 92.58 6.86 0.00 | 101.48 7.46 -9.20 | 121.42 8.18 -24.32 | 130.23 8.37 -31.90 | 150.40 10.06 -35.57 | 158.53 11.19 -36.59 | 168.22 13.04 -28.59 | 184.23 13.73 -42.21 | 194.46 13.27 -57.17 | 201.21 14.11 -57.67 | 211.54 13.88 -69.10 | 193.75 12.87 -60.54 | 172.17 12.29 -42.80 | 157.89 10.72 -42.05 | 156.59 10.07 -43.79 | 147.08 9.33 -44.47 | 120.99 7.82 -32.57 | 136.02 9.68 -23.38 |
| IP CORINTH___1 23988 | 121.05 8.59 -23.89 | 111.29 8.34 -16.11 | 106.54 7.35 -12.74 | 106.16 7.16 -12.78 | 103.85 7.90 -6.14 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.73 7.72 -12.19 | 129.23 8.00 -32.30 | 138.95 6.75 -42.23 | 160.04 8.17 -47.10 | 167.28 8.08 -48.45 | 171.65 7.22 -37.84 | 185.70 6.67 -50.74 | 197.41 5.83 -67.57 | 190.19 5.69 -55.07 | 195.69 5.66 -61.47 | 201.19 7.34 -73.53 | 183.22 9.48 -56.66 | 170.46 9.67 -55.67 | 170.36 9.66 -57.98 | 160.55 8.40 -58.87 | 130.81 7.09 -43.12 | 142.97 9.06 -30.95 |
| IP___TICONDEROGA 23804 | 122.81 11.16 -23.09 | 113.18 10.77 -15.57 | 108.71 9.94 -12.32 | 108.32 9.74 -12.35 | 106.61 10.87 -5.93 | 95.24 11.62 0.00 | 97.21 11.49 0.00 | 107.79 11.20 -11.78 | 131.80 11.65 -31.22 | 142.21 11.43 -40.82 | 163.70 13.41 -45.52 | 171.30 13.73 -46.82 | 178.49 15.32 -36.58 | 192.17 14.50 -49.38 | 202.64 12.77 -65.85 | 196.64 12.55 -54.66 | 202.72 12.73 -61.43 | 204.59 12.75 -71.51 | 185.30 13.46 -54.76 | 171.64 12.72 -53.80 | 170.89 12.12 -56.03 | 160.54 10.35 -56.90 | 131.55 9.27 -41.67 | 144.82 11.94 -29.92 |
| JARVIS____ 23743 | 88.82 0.71 0.45 | 87.14 0.61 0.30 | 86.82 0.61 0.24 | 86.59 0.60 0.24 | 90.32 0.63 0.12 | 84.29 0.67 0.00 | 86.33 0.60 0.00 | 85.18 0.59 0.23 | 89.03 0.71 0.61 | 89.89 0.72 0.80 | 104.72 0.84 0.89 | 110.72 0.89 0.91 | 127.02 1.14 0.71 | 128.62 1.28 0.95 | 123.74 0.99 1.26 | 129.45 1.04 1.01 | 128.47 1.03 1.12 | 119.91 0.96 1.38 | 117.06 1.05 1.07 | 105.02 0.95 1.05 | 102.56 0.92 1.09 | 93.01 0.84 1.11 | 80.44 0.64 0.81 | 103.20 0.82 0.58 |
| JENNISON___1 23625 | 96.63 1.95 -6.12 | 92.36 1.39 -4.13 | 90.75 1.04 -3.26 | 90.22 0.78 -3.22 | 92.10 0.72 -1.57 | 85.04 1.42 0.00 | 87.01 1.29 0.00 | 89.22 1.36 -3.04 | 99.03 2.22 -7.88 | 103.48 2.70 -10.82 | 120.50 3.67 -12.06 | 127.14 3.99 -12.41 | 141.73 5.44 -9.69 | 146.71 5.52 -12.90 | 145.26 4.09 -17.16 | 147.54 4.40 -13.71 | 148.00 4.24 -15.19 | 143.37 4.33 -18.71 | 136.04 4.45 -14.51 | 123.27 3.89 -14.26 | 121.07 3.49 -14.85 | 111.53 3.17 -15.08 | 93.82 2.18 -11.04 | 112.94 2.06 -7.93 |
| JENNISON___2 23626 | 96.45 1.77 -6.12 | 92.18 1.22 -4.13 | 90.67 0.95 -3.26 | 90.14 0.69 -3.22 | 92.01 0.63 -1.57 | 84.96 1.34 0.00 | 86.84 1.11 0.00 | 89.14 1.27 -3.04 | 98.94 2.13 -7.88 | 103.30 2.52 -10.82 | 120.39 3.56 -12.06 | 126.92 3.77 -12.41 | 141.48 5.19 -9.69 | 146.58 5.39 -12.90 | 145.02 3.84 -17.16 | 147.28 4.14 -13.71 | 147.87 4.11 -15.19 | 143.13 4.09 -18.71 | 135.80 4.21 -14.51 | 123.06 3.68 -14.26 | 120.97 3.39 -14.85 | 111.44 3.08 -15.08 | 93.74 2.10 -11.04 | 112.84 1.96 -7.93 |
| KEDC PORT_JEFF_GT2 24210 | 139.98 12.66 -38.75 | 126.40 11.90 -27.66 | 114.94 12.02 -16.47 | 107.51 11.55 -9.72 | 105.80 11.32 -4.67 | 94.66 11.04 0.00 | 95.75 10.03 0.00 | 111.16 12.13 -14.21 | 145.28 12.81 -43.54 | 156.38 13.23 -53.19 | 169.15 16.03 -48.35 | 180.79 16.72 -53.32 | 214.09 19.12 -68.38 | 282.32 20.14 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.50 19.80 -218.14 | 346.52 18.41 -207.79 | 254.89 18.03 -119.78 | 186.14 15.77 -65.25 | 176.29 15.10 -58.46 | 178.97 13.53 -72.16 | 172.72 11.61 -80.51 | 154.44 14.41 -37.07 |
| KEDC PORT_JEFF_GT3 24211 | 139.98 12.66 -38.75 | 126.40 11.90 -27.66 | 114.94 12.02 -16.47 | 107.51 11.55 -9.72 | 105.80 11.32 -4.67 | 94.66 11.04 0.00 | 95.75 10.03 0.00 | 111.16 12.13 -14.21 | 145.28 12.81 -43.54 | 156.38 13.23 -53.19 | 169.15 16.03 -48.35 | 180.79 16.72 -53.32 | 214.09 19.12 -68.38 | 282.32 20.14 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.50 19.80 -218.14 | 346.52 18.41 -207.79 | 254.89 18.03 -119.78 | 186.14 15.77 -65.25 | 176.29 15.10 -58.46 | 178.97 13.53 -72.16 | 172.72 11.61 -80.51 | 154.44 14.41 -37.07 |
| KEDC_GLWD_GT4 24219 | 138.16 10.45 -39.14 | 125.55 9.47 -29.24 | 114.95 9.34 -19.17 | 104.92 8.97 -9.72 | 103.37 8.89 -4.68 | 92.32 8.70 0.00 | 93.96 8.23 0.00 | 111.58 9.42 -17.34 | 142.79 10.32 -43.55 | 153.59 10.44 -53.19 | 165.49 12.36 -48.35 | 177.03 12.96 -53.32 | 210.04 15.06 -68.38 | 277.83 15.65 -133.89 | 341.92 15.25 -202.65 | 341.13 16.05 -195.65 | 362.52 15.81 -218.14 | 342.91 14.80 -207.79 | 251.02 14.17 -119.78 | 182.78 12.40 -65.25 | 172.90 11.71 -58.46 | 176.45 11.01 -72.16 | 171.11 10.00 -80.51 | 152.59 12.56 -37.07 |
| KEDC_GLWD_GT5 24220 | 138.16 10.45 -39.14 | 125.55 9.47 -29.24 | 114.95 9.34 -19.17 | 104.92 8.97 -9.72 | 103.37 8.89 -4.68 | 92.32 8.70 0.00 | 93.96 8.23 0.00 | 111.58 9.42 -17.34 | 142.79 10.32 -43.55 | 153.59 10.44 -53.19 | 165.49 12.36 -48.35 | 177.03 12.96 -53.32 | 210.04 15.06 -68.38 | 277.83 15.65 -133.89 | 341.92 15.25 -202.65 | 341.13 16.05 -195.65 | 362.52 15.81 -218.14 | 342.91 14.80 -207.79 | 251.02 14.17 -119.78 | 182.78 12.40 -65.25 | 172.90 11.71 -58.46 | 176.45 11.01 -72.16 | 171.11 10.00 -80.51 | 152.59 12.56 -37.07 |
| KENSICO____ 23655 | 115.75 9.03 -18.16 | 107.25 8.16 -12.25 | 104.18 8.04 -9.69 | 103.61 7.67 -9.71 | 102.20 7.72 -4.67 | 91.31 7.69 0.00 | 93.35 7.63 0.00 | 102.39 8.31 -9.25 | 122.38 8.98 -24.47 | 131.33 9.27 -32.10 | 151.67 11.11 -35.79 | 159.75 12.18 -36.82 | 169.66 14.31 -28.76 | 185.67 14.88 -42.50 | 195.98 14.39 -57.58 | 202.86 15.27 -58.17 | 213.32 15.04 -69.72 | 195.24 13.96 -60.96 | 173.61 13.46 -43.07 | 159.20 11.77 -42.31 | 157.89 11.09 -44.06 | 148.29 10.26 -44.74 | 122.00 8.62 -32.77 | 137.19 10.71 -23.52 |
| KIAC_JFK_GT1 23816 | 154.31 10.01 -55.74 | 154.32 9.20 -58.28 | 106.54 9.08 -11.01 | 104.66 8.71 -9.72 | 103.28 8.80 -4.67 | 92.32 8.70 0.00 | 99.37 8.66 -4.99 | 154.38 9.25 -60.32 | 157.86 9.96 -58.98 | 163.93 10.26 -63.70 | 159.30 12.26 -42.27 | 164.31 13.40 -40.16 | 171.89 15.70 -29.59 | 188.97 16.29 -44.38 | 200.31 15.75 -60.55 | 206.71 16.31 -60.97 | 217.77 16.46 -72.75 | 199.58 15.28 -63.97 | 176.49 14.75 -44.66 | 167.74 12.82 -49.79 | 167.01 12.22 -52.06 | 172.31 11.38 -67.65 | 202.18 9.51 -112.06 | 157.81 11.84 -43.01 |
| KIAC_JFK_GT2 23817 | 154.31 10.01 -55.74 | 154.32 9.20 -58.28 | 106.54 9.08 -11.01 | 104.66 8.71 -9.72 | 103.28 8.80 -4.67 | 92.32 8.70 0.00 | 99.37 8.66 -4.99 | 154.38 9.25 -60.32 | 157.86 9.96 -58.98 | 163.93 10.26 -63.70 | 159.30 12.26 -42.27 | 164.31 13.40 -40.16 | 171.89 15.70 -29.59 | 188.97 16.29 -44.38 | 200.31 15.75 -60.55 | 206.71 16.31 -60.97 | 217.77 16.46 -72.75 | 199.58 15.28 -63.97 | 176.49 14.75 -44.66 | 167.74 12.82 -49.79 | 167.01 12.22 -52.06 | 172.31 11.38 -67.65 | 202.18 9.51 -112.06 | 157.81 11.84 -43.01 |
| KINTIGH____ 23543 | 79.99 -10.80 -2.23 | 77.49 -10.85 -1.51 | 76.23 -11.41 -1.19 | 74.09 -12.33 -0.19 | 77.63 -12.75 -0.57 | 74.84 -8.78 0.00 | 75.52 -10.20 0.00 | 72.58 -11.96 0.28 | 76.00 -12.45 0.48 | 81.86 -12.06 -3.95 | 95.55 -13.62 -4.40 | 101.21 -14.07 -4.53 | 114.05 -16.08 -3.54 | 116.45 -16.55 -4.71 | 114.53 -15.75 -6.26 | 117.73 -16.70 -5.01 | 117.26 -16.84 -5.55 | 112.11 -15.04 -6.83 | 107.62 -14.75 -5.30 | 97.39 -12.93 -5.20 | 96.33 -11.81 -5.42 | 87.40 -11.38 -5.50 | 75.29 -9.35 -4.03 | 94.01 -11.84 -2.89 |
| LEDERLE____ 23769 | 115.43 9.30 -17.57 | 107.02 8.34 -11.85 | 104.03 8.21 -9.37 | 103.38 7.76 -9.39 | 102.22 7.90 -4.51 | 91.40 7.78 0.00 | 93.53 7.80 0.00 | 102.25 8.48 -8.95 | 121.84 9.25 -23.67 | 130.47 9.45 -31.05 | 150.82 11.42 -34.63 | 159.22 12.85 -35.62 | 170.37 15.95 -27.83 | 185.95 16.81 -40.86 | 195.05 15.75 -55.29 | 201.30 16.70 -55.18 | 210.79 16.33 -65.90 | 194.12 15.16 -58.64 | 173.85 15.10 -41.66 | 159.19 13.14 -40.93 | 157.07 11.71 -42.63 | 147.39 10.82 -43.29 | 121.33 9.03 -31.70 | 136.84 11.12 -22.76 |

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|---------------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| LINDEN COGEN____ 23786 | 134.49 9.56 -36.37 | 107.79 8.68 -12.27 | 104.71 8.56 -9.70 | 104.06 8.11 -9.72 | 102.74 8.26 -4.67 | 91.73 8.11 0.00 | 93.78 8.06 0.00 | 130.06 8.74 -36.51 | 146.57 9.43 -48.22 | 153.06 9.72 -53.38 | 155.58 11.63 -39.18 | 160.36 12.74 -36.88 | 170.34 14.94 -28.81 | 186.38 15.52 -42.57 | 185.10 14.88 -46.20 | 183.80 15.66 -38.71 | 181.78 15.56 -37.66 | 185.24 14.44 -50.48 | 174.27 14.05 -43.14 | 159.80 12.30 -42.38 | 163.17 11.61 -48.83 | 170.95 10.73 -66.94 | 167.27 9.03 -77.64 | 142.28 11.22 -28.10 |
| LIPA_MISC_IPP 23656 | 140.06 12.75 -38.75 | 126.56 12.07 -27.65 | 115.17 12.28 -16.44 | 107.77 11.81 -9.72 | 106.07 11.59 -4.67 | 94.91 11.29 0.00 | 95.75 10.03 0.00 | 111.22 12.21 -14.18 | 145.63 13.16 -43.54 | 156.83 13.68 -53.19 | 169.78 16.66 -48.35 | 182.01 17.94 -53.32 | 215.74 20.76 -68.38 | 284.12 21.94 -133.89 | 347.38 20.71 -202.65 | 346.56 21.48 -195.65 | 367.92 21.21 -218.14 | 347.61 19.49 -207.79 | 256.53 19.67 -119.78 | 187.61 17.24 -65.25 | 177.52 16.33 -58.46 | 180.09 14.65 -72.16 | 173.21 12.09 -80.51 | 154.85 14.83 -37.07 |
| LITTLE FALLS____HYD 24013 | 93.34 5.23 0.45 | 91.57 5.04 0.30 | 91.14 4.93 0.24 | 90.82 4.83 0.24 | 94.72 5.03 0.12 | 88.47 4.85 0.00 | 90.61 4.89 0.00 | 89.51 4.92 0.23 | 93.57 5.25 0.61 | 94.66 5.49 0.80 | 110.38 6.50 0.89 | 116.81 6.98 0.91 | 134.74 8.86 0.71 | 136.32 8.98 0.95 | 130.44 7.69 1.26 | 136.57 8.15 1.01 | 135.41 7.97 1.12 | 126.53 7.58 1.38 | 123.97 7.96 1.07 | 111.22 7.15 1.05 | 108.11 6.47 1.09 | 97.96 5.78 1.11 | 84.63 4.84 0.81 | 108.35 5.97 0.58 |
| LONG_LAKE_PHOENIX 24014 | 88.23 -1.68 -1.35 | 85.92 -1.82 -0.91 | 85.09 -2.07 -0.72 | 84.71 -2.24 -0.72 | 87.82 -2.33 -0.35 | 81.95 -1.67 0.00 | 83.84 -1.89 0.00 | 83.56 -1.95 -0.69 | 89.06 -1.69 -1.82 | 90.82 -1.53 -2.38 | 105.96 -1.47 -2.66 | 111.93 -1.55 -2.73 | 127.72 -1.01 -2.14 | 130.10 -1.03 -2.84 | 126.18 -1.61 -3.78 | 130.76 -1.68 -3.02 | 130.24 -1.67 -3.35 | 123.00 -1.44 -4.12 | 119.34 -0.94 -3.20 | 107.32 -0.95 -3.14 | 104.87 -1.13 -3.27 | 95.48 -1.12 -3.32 | 81.91 -1.13 -2.43 | 102.95 -1.75 -1.75 |
| LOVETT____3 23632 | 114.01 7.79 -17.66 | 105.69 6.95 -11.91 | 102.70 6.83 -9.42 | 102.13 6.47 -9.44 | 100.81 6.47 -4.54 | 90.06 6.44 0.00 | 92.15 6.43 0.00 | 100.86 7.04 -8.99 | 120.45 7.74 -23.78 | 129.00 7.83 -31.21 | 149.00 9.43 -34.80 | 157.07 10.52 -35.80 | 166.84 12.28 -27.96 | 182.35 12.96 -41.10 | 192.29 12.65 -55.63 | 198.51 13.46 -55.63 | 208.28 13.24 -66.48 | 191.58 12.27 -58.98 | 170.66 11.71 -41.87 | 156.35 10.09 -41.13 | 155.02 9.45 -42.84 | 145.55 8.77 -43.50 | 119.88 7.42 -31.86 | 134.99 9.16 -22.87 |
| LOVETT____4 23642 | 114.73 8.50 -17.66 | 106.30 7.56 -11.91 | 103.39 7.52 -9.42 | 102.74 7.07 -9.44 | 101.53 7.18 -4.54 | 90.64 7.02 0.00 | 92.84 7.12 0.00 | 101.54 7.72 -9.00 | 121.17 8.45 -23.79 | 129.73 8.55 -31.22 | 149.96 10.37 -34.82 | 158.08 11.52 -35.81 | 168.11 13.55 -27.98 | 183.65 14.24 -41.12 | 193.68 14.01 -55.66 | 199.84 14.75 -55.66 | 209.61 14.53 -66.52 | 192.93 13.60 -59.01 | 171.85 12.88 -41.89 | 157.41 11.14 -41.15 | 156.07 10.48 -42.86 | 146.50 9.70 -43.52 | 120.62 8.14 -31.87 | 135.93 10.09 -22.88 |
| LOVETT____5 23593 | 114.73 8.50 -17.66 | 106.30 7.56 -11.91 | 103.39 7.52 -9.42 | 102.74 7.07 -9.44 | 101.53 7.18 -4.54 | 90.64 7.02 0.00 | 92.84 7.12 0.00 | 101.54 7.72 -9.00 | 121.17 8.45 -23.79 | 129.73 8.55 -31.22 | 149.96 10.37 -34.82 | 158.08 11.52 -35.81 | 168.11 13.55 -27.98 | 183.65 14.24 -41.12 | 193.68 14.01 -55.66 | 199.84 14.75 -55.66 | 209.61 14.53 -66.52 | 192.93 13.60 -59.01 | 171.85 12.88 -41.89 | 157.41 11.14 -41.15 | 156.07 10.48 -42.86 | 146.50 9.70 -43.52 | 120.62 8.14 -31.87 | 135.93 10.09 -22.88 |
| LOWER RAQUET____HYD 24057 | 87.15 -1.42 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.45 -2.17 0.00 | 84.18 -1.54 0.00 | 83.55 -1.27 0.00 | 87.50 -1.42 0.00 | 88.62 -1.35 0.00 | 102.36 -2.41 0.00 | 106.87 -3.88 0.00 | 120.90 -5.70 0.00 | 122.26 -6.03 0.00 | 118.19 -5.83 0.00 | 122.18 -7.25 0.00 | 123.42 -5.14 0.00 | 114.31 -6.02 0.00 | 113.92 -3.16 0.00 | 102.07 -3.05 0.00 | 99.65 -3.08 0.00 | 90.11 -3.17 0.00 | 78.03 -2.58 0.00 | 100.59 -2.37 0.00 |
| LOWER____HUDSON 24059 | 118.13 6.38 -23.19 | 108.73 6.25 -15.64 | 104.61 5.79 -12.37 | 104.32 5.69 -12.40 | 101.87 6.11 -5.96 | 89.81 6.19 0.00 | 91.81 6.09 0.00 | 102.50 5.85 -11.83 | 126.32 6.05 -31.35 | 136.89 5.94 -40.99 | 157.71 7.23 -45.71 | 165.30 7.53 -47.02 | 171.93 8.61 -36.73 | 185.88 8.47 -49.12 | 197.10 7.69 -65.39 | 190.16 7.77 -52.96 | 195.26 7.71 -58.98 | 199.12 7.58 -71.21 | 180.03 7.96 -54.99 | 166.61 7.46 -54.02 | 166.19 7.19 -56.27 | 156.67 6.25 -57.14 | 127.85 5.40 -41.84 | 140.00 7.00 -30.04 |
| LWR____OSWEGATCHIE_HYD 23850 | 88.03 -0.53 0.00 | 86.06 -0.78 0.00 | 85.67 -0.78 0.00 | 85.54 -0.69 0.00 | 89.00 -0.81 0.00 | 82.37 -1.25 0.00 | 84.95 -0.77 0.00 | 84.31 -0.51 0.00 | 88.48 -0.44 0.00 | 89.52 -0.45 0.00 | 103.72 -1.05 0.00 | 108.64 -2.10 0.00 | 123.43 -3.16 0.00 | 124.83 -3.46 0.00 | 120.05 -3.97 0.00 | 124.64 -4.79 0.00 | 125.35 -3.21 0.00 | 116.84 -3.49 0.00 | 115.56 -1.52 0.00 | 103.44 -1.68 0.00 | 101.39 -1.34 0.00 | 91.79 -1.49 0.00 | 79.32 -1.29 0.00 | 101.62 -1.34 0.00 |
| LYONS_FALL_HYD 23570 | 88.92 0.35 0.00 | 86.84 0.00 0.00 | 86.28 -0.17 0.00 | 86.06 -0.17 0.00 | 89.54 -0.27 0.00 | 83.54 -0.08 0.00 | 85.73 0.00 0.00 | 84.99 0.17 0.00 | 89.55 0.62 0.00 | 90.69 0.72 0.00 | 105.71 0.94 0.00 | 111.41 0.66 0.00 | 127.35 0.76 0.00 | 128.93 0.64 0.00 | 123.77 -0.25 0.00 | 129.04 -0.39 0.00 | 128.69 0.13 0.00 | 120.45 0.12 0.00 | 117.90 0.82 0.00 | 105.65 0.53 0.00 | 103.55 0.82 0.00 | 93.84 0.56 0.00 | 80.85 0.24 0.00 | 102.96 0.00 0.00 |
| MAPLE RIDGE_WT_1 323574 | 87.20 -0.35 1.01 | 85.81 -0.35 0.68 | 85.65 -0.26 0.54 | 85.43 -0.26 0.54 | 89.28 -0.27 0.26 | 83.12 -0.50 0.00 | 85.30 -0.43 0.00 | 83.96 -0.34 0.52 | 87.20 -0.36 1.37 | 87.73 -0.45 1.79 | 102.25 -0.52 1.99 | 108.03 -0.66 2.05 | 124.23 -0.76 1.60 | 125.39 -0.77 2.13 | 120.31 -0.87 2.84 | 126.25 -0.91 2.27 | 125.28 -0.77 2.51 | 116.39 -0.84 3.09 | 114.09 -0.59 2.40 | 102.24 -0.53 2.36 | 99.66 -0.62 2.46 | 90.23 -0.56 2.49 | 78.30 -0.48 1.83 | 101.13 -0.51 1.31 |
| MAPLE RIDGE_WT_2 323611 | 87.20 -0.35 1.01 | 85.81 -0.35 0.68 | 85.65 -0.26 0.54 | 85.43 -0.26 0.54 | 89.28 -0.27 0.26 | 83.12 -0.50 0.00 | 85.30 -0.43 0.00 | 83.96 -0.34 0.52 | 87.20 -0.36 1.37 | 87.73 -0.45 1.79 | 102.25 -0.52 1.99 | 108.03 -0.66 2.05 | 124.23 -0.76 1.60 | 125.39 -0.77 2.13 | 120.31 -0.87 2.84 | 126.25 -0.91 2.27 | 125.28 -0.77 2.51 | 116.39 -0.84 3.09 | 114.09 -0.59 2.40 | 102.24 -0.53 2.36 | 99.66 -0.62 2.46 | 90.23 -0.56 2.49 | 78.30 -0.48 1.83 | 101.13 -0.51 1.31 |
| MG INDUSTRY____DRP 24185 | 115.09 3.72 -22.81 | 105.95 3.73 -15.38 | 102.25 3.63 -12.17 | 101.96 3.54 -12.20 | 99.44 3.77 -5.86 | 87.13 3.51 0.00 | 88.81 3.09 0.00 | 99.59 3.14 -11.63 | 123.05 3.29 -30.83 | 133.61 3.33 -40.31 | 153.71 3.98 -44.96 | 161.20 4.21 -46.24 | 167.91 5.19 -36.12 | 181.63 5.26 -48.08 | 192.79 4.84 -63.94 | 185.59 5.05 -51.11 | 190.20 5.01 -56.63 | 194.75 4.69 -69.74 | 175.85 4.68 -54.09 | 162.46 4.20 -53.14 | 161.98 3.90 -55.34 | 153.03 3.54 -56.20 | 124.82 3.06 -41.16 | 136.31 3.81 -29.55 |
| MID____OSWEGATCHIE_HYD 23849 | 88.03 -0.53 0.00 | 86.06 -0.78 0.00 | 85.67 -0.78 0.00 | 85.54 -0.69 0.00 | 89.00 -0.81 0.00 | 82.37 -1.25 0.00 | 84.95 -0.77 0.00 | 84.31 -0.51 0.00 | 88.48 -0.44 0.00 | 89.52 -0.45 0.00 | 103.72 -1.05 0.00 | 108.64 -2.10 0.00 | 123.43 -3.16 0.00 | 124.83 -3.46 0.00 | 120.05 -3.97 0.00 | 124.64 -4.79 0.00 | 125.35 -3.21 0.00 | 116.84 -3.49 0.00 | 115.56 -1.52 0.00 | 103.44 -1.68 0.00 | 101.39 -1.34 0.00 | 91.79 -1.49 0.00 | 79.32 -1.29 0.00 | 101.62 -1.34 0.00 |
| MID____RAQUETTE_HYD 23851 | 87.15 -1.42 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.45 -2.17 0.00 | 84.18 -1.54 0.00 | 83.55 -1.27 0.00 | 87.50 -1.42 0.00 | 88.62 -1.35 0.00 | 102.36 -2.41 0.00 | 106.87 -3.88 0.00 | 120.90 -5.70 0.00 | 122.26 -6.03 0.00 | 118.19 -5.83 0.00 | 122.18 -7.25 0.00 | 123.42 -5.14 0.00 | 114.31 -6.02 0.00 | 113.92 -3.16 0.00 | 102.07 -3.05 0.00 | 99.65 -3.08 0.00 | 90.11 -3.17 0.00 | 78.03 -2.58 0.00 | 100.59 -2.37 0.00 |

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|------------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| MILLIKEN___1 23584 | 84.96 -6.47 -2.86 | 81.91 -6.86 -1.93 | 80.54 -7.43 -1.52 | 79.90 -7.85 -1.51 | 82.46 -8.08 -0.73 | 77.18 -6.44 0.00 | 78.87 -6.86 0.00 | 79.47 -6.79 -1.44 | 86.42 -6.05 -3.54 | 89.53 -5.49 -5.05 | 104.64 -5.76 -5.64 | 110.45 -6.09 -5.80 | 125.30 -5.82 -4.53 | 128.54 -5.77 -6.03 | 125.33 -6.70 -8.02 | 128.84 -6.99 -6.41 | 128.72 -6.94 -7.10 | 122.69 -6.38 -8.74 | 118.00 -5.85 -6.78 | 106.32 -5.47 -6.66 | 104.12 -5.55 -6.94 | 95.20 -5.13 -7.05 | 80.77 -5.00 -5.16 | 99.35 -7.31 -3.70 |
| MILLIKEN___2 23585 | 84.96 -6.47 -2.86 | 81.91 -6.86 -1.93 | 80.54 -7.43 -1.52 | 79.90 -7.85 -1.51 | 82.46 -8.08 -0.73 | 77.18 -6.44 0.00 | 78.87 -6.86 0.00 | 79.47 -6.79 -1.44 | 86.42 -6.05 -3.54 | 89.53 -5.49 -5.05 | 104.64 -5.76 -5.64 | 110.45 -6.09 -5.80 | 125.30 -5.82 -4.53 | 128.54 -5.77 -6.03 | 125.33 -6.70 -8.02 | 128.84 -6.99 -6.41 | 128.72 -6.94 -7.10 | 122.69 -6.38 -8.74 | 118.00 -5.85 -6.78 | 106.32 -5.47 -6.66 | 104.12 -5.55 -6.94 | 95.20 -5.13 -7.05 | 80.77 -5.00 -5.16 | 99.35 -7.31 -3.70 |
| MILLIKEN___DIESEL 23629 | 84.96 -6.47 -2.86 | 81.91 -6.86 -1.93 | 80.54 -7.43 -1.52 | 79.90 -7.85 -1.51 | 82.46 -8.08 -0.73 | 77.18 -6.44 0.00 | 78.87 -6.86 0.00 | 79.47 -6.79 -1.44 | 86.42 -6.05 -3.54 | 89.53 -5.49 -5.05 | 104.64 -5.76 -5.64 | 110.45 -6.09 -5.80 | 125.30 -5.82 -4.53 | 128.54 -5.77 -6.03 | 125.33 -6.70 -8.02 | 128.84 -6.99 -6.41 | 128.72 -6.94 -7.10 | 122.69 -6.38 -8.74 | 118.00 -5.85 -6.78 | 106.32 -5.47 -6.66 | 104.12 -5.55 -6.94 | 95.20 -5.13 -7.05 | 80.77 -5.00 -5.16 | 99.35 -7.31 -3.70 |
| MILLSEAT___LFGE 323607 | 82.66 -8.32 -2.43 | 79.97 -8.51 -1.64 | 78.41 -9.34 -1.29 | 76.12 -10.43 -0.32 | 79.65 -10.78 -0.62 | 77.18 -6.44 0.00 | 77.84 -7.89 0.00 | 74.75 -9.92 0.15 | 80.20 -10.05 -1.32 | 84.90 -9.36 -4.29 | 99.28 -10.27 -4.78 | 105.26 -10.41 -4.92 | 118.92 -11.52 -3.84 | 121.60 -11.80 -5.12 | 119.41 -11.41 -6.80 | 122.83 -12.73 -5.44 | 121.86 -12.73 -6.02 | 116.67 -11.07 -7.42 | 112.06 -10.77 -5.75 | 101.42 -9.36 -5.65 | 100.09 -8.53 -5.89 | 90.86 -8.40 -5.98 | 78.13 -6.85 -4.38 | 97.35 -8.75 -3.14 |
| MODEL_CITY_ENERGY 24167 | 80.58 -10.54 -2.56 | 77.97 -10.59 -1.73 | 76.40 -11.41 -1.36 | 74.15 -12.50 -0.42 | 77.53 -12.93 -0.66 | 75.42 -8.19 0.00 | 75.87 -9.86 0.00 | 72.57 -12.21 0.04 | 76.85 -12.81 -0.72 | 82.16 -12.33 -4.52 | 95.88 -13.93 -5.04 | 101.65 -14.29 -5.19 | 114.44 -16.20 -4.05 | 117.00 -16.68 -5.39 | 115.31 -15.87 -7.17 | 118.20 -16.95 -5.73 | 117.43 -17.48 -6.35 | 112.75 -15.40 -7.82 | 108.16 -14.99 -6.07 | 98.05 -13.03 -5.96 | 97.12 -11.81 -6.21 | 88.20 -11.38 -6.30 | 76.03 -9.19 -4.62 | 94.95 -11.33 -3.31 |
| MODERN_LFGE___ 323580 | 80.58 -10.54 -2.56 | 77.97 -10.59 -1.73 | 76.40 -11.41 -1.36 | 74.15 -12.50 -0.42 | 77.53 -12.93 -0.66 | 75.42 -8.19 0.00 | 75.87 -9.86 0.00 | 72.57 -12.21 0.04 | 76.85 -12.81 -0.72 | 82.16 -12.33 -4.52 | 95.88 -13.93 -5.04 | 101.65 -14.29 -5.19 | 114.44 -16.20 -4.05 | 117.00 -16.68 -5.39 | 115.31 -15.87 -7.17 | 118.20 -16.95 -5.73 | 117.43 -17.48 -6.35 | 112.75 -15.40 -7.82 | 108.16 -14.99 -6.07 | 98.05 -13.03 -5.96 | 97.12 -11.81 -6.21 | 88.20 -11.38 -6.30 | 76.03 -9.19 -4.62 | 94.95 -11.33 -3.31 |
| MOHAWK_PAPER___DRP 24187 | 116.83 4.87 -23.40 | 107.39 4.78 -15.78 | 103.51 4.58 -12.48 | 103.14 4.40 -12.51 | 100.58 4.76 -6.01 | 88.30 4.68 0.00 | 90.27 4.54 0.00 | 101.25 4.50 -11.93 | 125.18 4.62 -31.63 | 136.00 4.68 -41.35 | 156.65 5.76 -46.12 | 164.28 6.09 -47.44 | 170.87 7.22 -37.06 | 184.80 7.18 -49.32 | 196.18 6.57 -65.59 | 188.72 6.86 -52.43 | 193.34 6.69 -58.09 | 198.24 6.38 -71.54 | 179.00 6.44 -55.48 | 165.62 5.99 -54.51 | 165.25 5.75 -56.77 | 155.97 5.04 -57.65 | 127.10 4.27 -42.22 | 138.72 5.46 -30.31 |
| MONGAUP___HYD 23641 | 112.85 7.62 -16.67 | 104.94 6.86 -11.24 | 102.08 6.74 -8.89 | 101.52 6.38 -8.91 | 100.56 6.47 -4.28 | 89.97 6.36 0.00 | 92.07 6.34 0.00 | 100.18 6.87 -8.49 | 119.02 7.65 -22.45 | 127.35 7.92 -29.46 | 147.16 9.53 -32.86 | 155.29 10.74 -33.80 | 166.79 13.80 -26.40 | 181.11 14.37 -38.46 | 189.13 13.15 -51.97 | 194.34 13.85 -51.07 | 202.91 13.63 -60.72 | 188.08 12.51 -55.24 | 169.61 13.00 -39.53 | 155.31 11.35 -38.84 | 153.04 9.86 -40.45 | 143.31 8.96 -41.08 | 118.10 7.42 -30.08 | 133.61 9.06 -21.59 |
| MONTAUK___DIESEL 23721 | 148.65 21.34 -38.75 | 134.20 19.71 -27.65 | 122.44 19.54 -16.45 | 114.75 18.80 -9.72 | 113.07 18.59 -4.67 | 101.35 17.73 0.00 | 102.44 16.72 0.00 | 119.11 20.10 -14.19 | 155.77 23.30 -43.54 | 168.70 25.55 -53.19 | 185.18 32.06 -48.35 | 199.51 35.44 -53.32 | 238.15 43.17 -68.38 | 307.98 45.80 -133.89 | 366.35 39.68 -202.65 | 366.75 41.68 -195.65 | 388.10 41.40 -218.14 | 366.74 38.62 -207.79 | 278.89 42.03 -119.78 | 206.53 36.16 -65.25 | 192.93 31.74 -58.46 | 193.34 27.89 -72.16 | 183.52 22.41 -80.51 | 166.28 26.25 -37.07 |
| MUNSVILLE_WIND_PWR 323609 | 94.62 0.89 -5.18 | 90.50 0.17 -3.49 | 88.95 -0.26 -2.76 | 88.35 -0.60 -2.72 | 90.42 -0.72 -1.33 | 84.04 0.42 0.00 | 85.90 0.17 0.00 | 87.74 0.34 -2.58 | 97.13 1.60 -6.60 | 101.28 2.16 -9.15 | 118.32 3.35 -10.20 | 124.79 3.54 -10.50 | 139.86 5.06 -8.20 | 144.20 5.00 -10.91 | 141.38 2.85 -14.51 | 144.00 2.98 -11.60 | 144.37 2.96 -12.85 | 139.40 3.25 -15.83 | 132.98 3.63 -12.27 | 120.23 3.05 -12.06 | 118.17 2.88 -12.56 | 108.65 2.61 -12.75 | 91.40 1.45 -9.34 | 110.38 0.72 -6.71 |
| N SALMON___HYD 24042 | 86.97 -1.59 0.00 | 85.36 -1.48 0.00 | 85.15 -1.30 0.00 | 85.02 -1.21 0.00 | 88.64 -1.17 0.00 | 81.28 -2.34 0.00 | 84.10 -1.63 0.00 | 83.38 -1.44 0.00 | 87.42 -1.51 0.00 | 89.07 -0.90 0.00 | 102.99 -1.78 0.00 | 108.09 -2.66 0.00 | 123.30 -3.29 0.00 | 124.18 -4.11 0.00 | 119.92 -4.09 0.00 | 124.64 -4.79 0.00 | 124.83 -3.73 0.00 | 116.11 -4.21 0.00 | 114.62 -2.46 0.00 | 102.70 -2.42 0.00 | 99.54 -3.18 0.00 | 90.02 -3.26 0.00 | 77.78 -2.82 0.00 | 100.69 -2.27 0.00 |
| N.E_GEN_SANDY PD 24062 | 116.51 6.38 -21.57 | 107.38 5.99 -14.55 | 103.75 5.79 -11.51 | 103.37 5.60 -11.54 | 97.98 6.02 -2.15 | 93.20 6.19 -3.39 | 91.73 6.00 0.00 | 102.01 6.19 -11.00 | 124.59 6.49 -29.17 | 134.67 6.57 -38.13 | 155.05 7.75 -42.53 | 162.80 8.31 -43.74 | 170.26 9.49 -34.17 | 184.93 9.49 -47.15 | 196.07 8.93 -63.12 | 193.87 9.19 -55.26 | 200.99 9.13 -63.30 | 197.23 8.78 -68.12 | 177.02 8.78 -51.16 | 163.27 7.88 -50.27 | 162.58 7.50 -52.35 | 159.73 6.62 -59.82 | 132.21 5.80 -45.80 | 124.79 7.41 -14.42 |
| NARROWS_GT1_1 24228 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_2 24229 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_3 24230 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_4 24231 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| NARROWS_GT1_5 24232 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_6 24233 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_7 24234 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT1_8 24235 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_1 24236 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_2 24237 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_3 24238 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_4 24239 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_5 24240 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_6 24241 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_7 24242 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NARROWS_GT2_8 24243 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NEG CAPITAL___MECHNVIL 23645 | 119.11 7.26 -23.29 | 109.66 7.12 -15.70 | 105.44 6.57 -12.42 | 105.06 6.38 -12.45 | 102.71 6.92 -5.98 | 90.64 7.02 0.00 | 92.58 6.86 0.00 | 103.31 6.62 -11.88 | 127.34 6.94 -31.48 | 137.96 6.84 -41.16 | 158.95 8.28 -45.90 | 166.60 8.64 -47.21 | 173.48 10.00 -36.88 | 187.53 9.88 -49.36 | 198.53 8.81 -65.71 | 191.80 9.06 -53.31 | 196.84 8.87 -59.41 | 200.54 8.66 -71.55 | 181.43 9.13 -55.22 | 167.99 8.62 -54.25 | 167.45 8.22 -56.50 | 157.84 7.18 -57.38 | 128.75 6.13 -42.02 | 140.95 7.82 -30.17 |
| NEG CENTRAL_HIGH_ACRES 23767 | 83.99 -6.55 -1.98 | 81.49 -6.69 -1.33 | 80.33 -7.18 -1.05 | 79.51 -7.85 -1.13 | 82.23 -8.08 -0.51 | 78.02 -5.60 0.00 | 79.30 -6.43 0.00 | 78.64 -7.29 -1.12 | 84.62 -7.20 -2.90 | 86.81 -6.66 -3.50 | 101.54 -7.12 -3.90 | 107.56 -7.20 -4.01 | 121.75 -7.98 -3.13 | 124.25 -8.21 -4.17 | 121.75 -7.81 -5.54 | 125.70 -8.15 -4.43 | 125.11 -8.36 -4.91 | 118.91 -7.46 -6.05 | 114.28 -7.49 -4.69 | 103.10 -6.62 -4.61 | 101.47 -6.06 -4.80 | 92.28 -5.88 -4.87 | 79.01 -5.16 -3.57 | 98.62 -6.90 -2.56 |
| NEG CENTRAL___DRP 24199 | 87.25 -3.45 -2.14 | 84.46 -3.82 -1.45 | 83.36 -4.24 -1.14 | 82.74 -4.66 -1.17 | 85.51 -4.85 -0.55 | 80.44 -3.18 0.00 | 82.04 -3.69 0.00 | 81.88 -4.07 -1.13 | 88.08 -3.65 -2.80 | 90.61 -3.15 -3.79 | 105.75 -3.25 -4.23 | 111.88 -3.21 -4.35 | 126.95 -3.04 -3.40 | 129.86 -2.95 -4.52 | 126.80 -3.22 -6.01 | 130.87 -3.37 -4.81 | 130.41 -3.47 -5.32 | 123.87 -3.01 -6.56 | 119.35 -2.81 -5.08 | 107.59 -2.52 -5.00 | 105.47 -2.47 -5.20 | 96.14 -2.43 -5.28 | 82.06 -2.42 -3.87 | 102.03 -3.71 -2.78 |
| NEG CENTRAL___INDECK 23768 | 87.68 -3.72 -2.83 | 84.50 -4.26 -1.91 | 82.95 -5.01 -1.51 | 81.85 -5.95 -1.57 | 84.34 -6.20 -0.73 | 80.78 -2.84 0.00 | 81.95 -3.77 0.00 | 81.51 -4.83 -1.52 | 87.56 -4.36 -2.99 | 91.56 -3.42 -5.01 | 107.21 -3.14 -5.59 | 113.62 -2.88 -5.75 | 129.69 -1.39 -4.49 | 132.73 -1.54 -5.98 | 129.36 -2.60 -7.95 | 132.93 -2.85 -6.35 | 132.39 -3.21 -7.04 | 126.47 -2.53 -8.67 | 122.16 -1.64 -6.72 | 110.36 -1.37 -6.61 | 107.76 -1.85 -6.88 | 98.03 -2.24 -6.99 | 83.46 -2.26 -5.12 | 103.03 -3.60 -3.67 |

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| NEG CENTRAL___SENECA 23627 | 86.78 -4.16 -2.38 | 83.84 -4.60 -1.60 | 82.62 -5.10 -1.27 | 81.84 -5.69 -1.30 | 84.49 -5.93 -0.61 | 79.86 -3.76 0.00 | 81.44 -4.29 0.00 | 81.16 -4.92 -1.25 | 87.53 -4.45 -3.05 | 90.30 -3.87 -4.20 | 105.58 -3.88 -4.68 | 111.80 -3.77 -4.82 | 126.81 -3.54 -3.76 | 129.71 -3.59 -5.01 | 126.83 -3.84 -6.66 | 130.74 -4.01 -5.32 | 130.35 -4.11 -5.90 | 123.98 -3.61 -7.26 | 119.32 -3.40 -5.63 | 107.71 -2.94 -5.54 | 105.51 -2.98 -5.77 | 96.24 -2.89 -5.85 | 81.99 -2.90 -4.29 | 101.71 -4.32 -3.08 |
| NEG CENTRAL___STATE_STREET 24147 | 88.11 -2.57 -2.11 | 85.31 -2.95 -1.43 | 84.03 -3.54 -1.13 | 83.41 -3.97 -1.15 | 86.31 -4.04 -0.54 | 81.03 -2.59 0.00 | 82.72 -3.00 0.00 | 82.70 -3.22 -1.11 | 89.30 -2.49 -2.86 | 91.73 -1.98 -3.74 | 107.16 -1.78 -4.17 | 113.37 -1.66 -4.29 | 129.44 -0.51 -3.35 | 132.36 -0.38 -4.46 | 128.45 -1.49 -5.93 | 132.74 -1.42 -4.74 | 132.40 -1.41 -5.25 | 125.47 -1.32 -6.46 | 121.39 -0.70 -5.01 | 109.21 -0.84 -4.93 | 106.63 -1.23 -5.13 | 97.28 -1.21 -5.21 | 82.97 -1.45 -3.82 | 103.02 -2.68 -2.74 |
| NEG MILLWOOD___DRP 24198 | 116.90 9.74 -18.59 | 108.24 8.86 -12.54 | 105.10 8.73 -9.92 | 104.45 8.28 -9.94 | 103.03 8.44 -4.78 | 91.81 8.19 0.00 | 93.95 8.23 0.00 | 103.37 9.08 -9.48 | 123.94 9.96 -25.06 | 133.27 10.44 -32.87 | 153.89 12.47 -36.65 | 162.29 13.84 -37.70 | 172.50 16.46 -29.45 | 188.45 17.19 -42.97 | 198.59 16.49 -58.08 | 204.16 17.47 -57.26 | 213.93 17.23 -68.14 | 197.79 15.76 -61.71 | 176.40 15.22 -44.10 | 161.69 13.25 -43.32 | 160.28 12.43 -45.12 | 150.48 11.38 -45.82 | 123.75 9.59 -33.55 | 138.78 11.74 -24.09 |
| NEG NORTH_FLCN_SEA 23793 | 85.29 -3.28 0.00 | 83.80 -3.04 0.00 | 83.60 -2.85 0.00 | 83.56 -2.67 0.00 | 87.02 -2.78 0.00 | 79.77 -3.85 0.00 | 82.38 -3.34 0.00 | 81.68 -3.14 0.00 | 85.55 -3.38 0.00 | 87.00 -2.97 0.00 | 100.79 -3.98 0.00 | 106.10 -4.65 0.00 | 121.02 -5.57 0.00 | 122.13 -6.16 0.00 | 118.06 -5.95 0.00 | 123.08 -6.34 0.00 | 122.52 -6.04 0.00 | 114.31 -6.02 0.00 | 112.04 -5.03 0.00 | 100.39 -4.73 0.00 | 97.59 -5.14 0.00 | 88.43 -4.85 0.00 | 76.41 -4.19 0.00 | 98.74 -4.22 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 86.17 -2.39 0.00 | 84.67 -2.17 0.00 | 84.46 -1.99 0.00 | 84.50 -1.72 0.00 | 88.01 -1.80 0.00 | 80.69 -2.93 0.00 | 83.32 -2.40 0.00 | 82.62 -2.21 0.00 | 86.44 -2.49 0.00 | 87.72 -2.25 0.00 | 101.63 -3.14 0.00 | 106.98 -3.77 0.00 | 122.04 -4.56 0.00 | 123.29 -5.00 0.00 | 119.18 -4.84 0.00 | 124.25 -5.18 0.00 | 123.68 -4.89 0.00 | 115.51 -4.81 0.00 | 113.10 -3.98 0.00 | 101.44 -3.68 0.00 | 98.62 -4.11 0.00 | 89.36 -3.92 0.00 | 77.30 -3.30 0.00 | 99.77 -3.19 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 86.26 -2.30 0.00 | 84.76 -2.08 0.00 | 84.55 -1.90 0.00 | 84.42 -1.81 0.00 | 88.01 -1.80 0.00 | 80.69 -2.93 0.00 | 83.41 -2.31 0.00 | 82.53 -2.29 0.00 | 86.53 -2.40 0.00 | 88.17 -1.80 0.00 | 102.15 -2.62 0.00 | 107.43 -3.32 0.00 | 122.42 -4.18 0.00 | 123.41 -4.87 0.00 | 119.55 -4.46 0.00 | 124.51 -4.92 0.00 | 124.06 -4.50 0.00 | 115.63 -4.69 0.00 | 113.22 -3.86 0.00 | 101.55 -3.57 0.00 | 98.62 -4.11 0.00 | 89.36 -3.92 0.00 | 77.22 -3.39 0.00 | 99.97 -2.99 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 86.26 -2.30 0.00 | 84.76 -2.08 0.00 | 84.55 -1.90 0.00 | 84.42 -1.81 0.00 | 88.01 -1.80 0.00 | 80.69 -2.93 0.00 | 83.41 -2.31 0.00 | 82.53 -2.29 0.00 | 86.53 -2.40 0.00 | 88.17 -1.80 0.00 | 102.15 -2.62 0.00 | 107.43 -3.32 0.00 | 122.42 -4.18 0.00 | 123.41 -4.87 0.00 | 119.55 -4.46 0.00 | 124.51 -4.92 0.00 | 124.06 -4.50 0.00 | 115.63 -4.69 0.00 | 113.22 -3.86 0.00 | 101.55 -3.57 0.00 | 98.62 -4.11 0.00 | 89.36 -3.92 0.00 | 77.22 -3.39 0.00 | 99.97 -2.99 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 86.26 -2.30 0.00 | 84.76 -2.08 0.00 | 84.55 -1.90 0.00 | 84.42 -1.81 0.00 | 88.01 -1.80 0.00 | 80.69 -2.93 0.00 | 83.41 -2.31 0.00 | 82.53 -2.29 0.00 | 86.53 -2.40 0.00 | 88.17 -1.80 0.00 | 102.15 -2.62 0.00 | 107.43 -3.32 0.00 | 122.42 -4.18 0.00 | 123.41 -4.87 0.00 | 119.55 -4.46 0.00 | 124.51 -4.92 0.00 | 124.06 -4.50 0.00 | 115.63 -4.69 0.00 | 113.22 -3.86 0.00 | 101.55 -3.57 0.00 | 98.62 -4.11 0.00 | 89.36 -3.92 0.00 | 77.22 -3.39 0.00 | 99.97 -2.99 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 80.90 -10.18 -2.52 | 78.21 -10.33 -1.70 | 76.64 -11.15 -1.35 | 74.38 -12.24 -0.39 | 77.79 -12.66 -0.65 | 75.68 -7.94 0.00 | 76.21 -9.52 0.00 | 72.87 -11.87 0.07 | 77.46 -12.36 -0.89 | 82.56 -11.88 -4.46 | 96.34 -13.41 -4.98 | 102.14 -13.73 -5.12 | 115.02 -15.57 -4.00 | 117.58 -16.04 -5.32 | 115.84 -15.25 -7.08 | 118.91 -16.18 -5.66 | 117.99 -16.84 -6.27 | 113.25 -14.80 -7.72 | 108.55 -14.52 -5.99 | 98.39 -12.61 -5.88 | 97.45 -11.40 -6.13 | 88.50 -11.01 -6.22 | 76.29 -8.87 -4.56 | 95.21 -11.02 -3.27 |
| NEG WEST___LANCASTR 23811 | 83.14 -8.50 -3.08 | 79.97 -8.94 -2.08 | 78.33 -9.77 -1.65 | 76.30 -10.78 -0.85 | 79.55 -11.05 -0.79 | 76.34 -7.27 0.00 | 77.41 -8.32 0.00 | 75.33 -9.92 -0.43 | 80.30 -10.14 -1.51 | 85.70 -9.72 -5.45 | 100.16 -10.69 -6.08 | 106.37 -10.63 -6.25 | 119.58 -11.90 -4.89 | 122.86 -11.93 -6.50 | 121.75 -10.91 -8.65 | 124.82 -11.52 -6.91 | 124.01 -12.21 -7.66 | 119.05 -10.71 -9.43 | 113.27 -11.12 -7.31 | 102.64 -9.67 -7.19 | 101.38 -8.83 -7.48 | 92.39 -8.49 -7.60 | 78.76 -7.42 -5.57 | 97.48 -9.47 -4.00 |
| NEG_PENN_ALLEGHNY 23528 | 94.38 -0.09 -5.91 | 90.30 -0.52 -3.98 | 88.82 -0.78 -3.15 | 88.18 -1.12 -3.08 | 90.25 -1.08 -1.52 | 83.37 -0.25 0.00 | 85.21 -0.51 0.00 | 87.04 -0.68 -2.89 | 96.11 -0.27 -7.45 | 100.50 0.09 -10.44 | 116.94 0.52 -11.64 | 123.50 0.78 -11.98 | 137.34 1.39 -9.36 | 142.28 1.54 -12.45 | 142.19 1.61 -16.56 | 144.48 1.81 -13.24 | 144.77 1.54 -14.67 | 139.95 1.56 -18.06 | 132.26 1.17 -14.01 | 119.83 0.95 -13.76 | 117.99 0.92 -14.33 | 108.58 0.75 -14.56 | 91.51 0.24 -10.66 | 110.51 -0.10 -7.65 |
| NEG___GEN_MONROE 24207 | 85.03 -5.67 -2.14 | 82.29 -5.99 -1.44 | 80.93 -6.66 -1.14 | 78.84 -7.50 -0.11 | 82.54 -7.81 -0.55 | 79.10 -4.52 0.00 | 80.15 -5.57 0.00 | 77.57 -6.87 0.38 | 84.76 -6.67 -2.50 | 87.90 -5.85 -3.78 | 102.90 -6.08 -4.21 | 109.10 -5.98 -4.33 | 123.90 -6.08 -3.38 | 126.51 -6.29 -4.50 | 123.80 -6.20 -5.99 | 127.48 -6.73 -4.79 | 126.92 -6.94 -5.31 | 120.72 -6.14 -6.53 | 116.29 -5.85 -5.07 | 104.95 -5.15 -4.98 | 103.19 -4.73 -5.18 | 93.70 -4.85 -5.27 | 80.27 -4.19 -3.86 | 100.06 -5.66 -2.77 |
| NEPA___ENERGY 23901 | 83.98 -8.06 -3.48 | 80.33 -8.86 -2.35 | 78.88 -9.42 -1.86 | 77.25 -10.17 -1.19 | 80.19 -10.51 -0.89 | 76.18 -7.44 0.00 | 77.75 -7.97 0.00 | 76.66 -8.99 -0.83 | 82.22 -9.07 -2.37 | 87.48 -8.64 -6.15 | 102.41 -9.22 -6.86 | 108.94 -8.86 -7.05 | 122.23 -9.87 -5.51 | 126.00 -9.62 -7.33 | 125.58 -8.18 -9.75 | 128.81 -8.41 -7.80 | 128.07 -9.13 -8.64 | 122.90 -8.06 -10.64 | 116.20 -9.13 -8.25 | 105.03 -8.20 -8.11 | 103.36 -7.81 -8.44 | 94.48 -7.37 -8.57 | 79.71 -7.17 -6.28 | 97.79 -9.68 -4.51 |
| NEVERSINK___HYD 23608 | 112.69 8.41 -15.71 | 105.16 7.73 -10.59 | 102.44 7.61 -8.38 | 101.95 7.33 -8.39 | 101.21 7.36 -4.04 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 100.37 7.55 -8.00 | 118.62 8.54 -21.15 | 126.74 9.00 -27.77 | 146.53 10.79 -30.97 | 154.68 12.07 -31.86 | 167.05 15.57 -24.89 | 179.97 16.29 -35.39 | 186.27 14.63 -47.62 | 189.53 15.53 -44.57 | 195.94 15.17 -52.21 | 185.36 14.08 -50.95 | 169.21 14.87 -37.26 | 154.76 13.03 -36.61 | 152.05 11.20 -38.12 | 142.26 10.26 -38.71 | 117.42 8.46 -28.35 | 133.61 10.30 -20.35 |
| NEWTON___FALLS_HYD 23847 | 88.03 -0.53 0.00 | 86.06 -0.78 0.00 | 85.67 -0.78 0.00 | 85.54 -0.69 0.00 | 89.00 -0.81 0.00 | 82.37 -1.25 0.00 | 84.95 -0.77 0.00 | 84.31 -0.51 0.00 | 88.48 -0.44 0.00 | 89.52 -0.45 0.00 | 103.72 -1.05 0.00 | 108.64 -2.10 0.00 | 123.43 -3.16 0.00 | 124.83 -3.46 0.00 | 120.05 -3.97 0.00 | 124.64 -4.79 0.00 | 125.35 -3.21 0.00 | 116.84 -3.49 0.00 | 115.56 -1.52 0.00 | 103.44 -1.68 0.00 | 101.39 -1.34 0.00 | 91.79 -1.49 0.00 | 79.32 -1.29 0.00 | 101.62 -1.34 0.00 |
| NIAGARA___ 23760 | 79.57 -11.51 -2.52 | 76.99 -11.55 -1.70 | 75.52 -12.28 -1.35 | 73.26 -13.37 -0.39 | 76.62 -13.83 -0.65 | 74.59 -9.03 0.00 | 74.92 -10.80 0.00 | 71.60 -13.15 0.07 | 75.00 -13.87 0.05 | 81.02 -13.41 -4.46 | 94.44 -15.30 -4.97 | 100.03 -15.84 -5.11 | 112.36 -18.23 -3.99 | 114.88 -18.73 -5.32 | 113.35 -17.73 -7.07 | 116.18 -18.90 -5.65 | 115.67 -19.16 -6.26 | 111.07 -16.97 -7.71 | 106.43 -16.63 -5.98 | 96.59 -14.40 -5.88 | 95.70 -13.15 -6.12 | 86.81 -12.69 -6.21 | 75.00 -10.16 -4.55 | 93.56 -12.66 -3.27 |

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| NINE_MILE_1 23575 | 87.01 -2.66 -1.11 | 84.81 -2.78 -0.75 | 84.10 -2.94 -0.59 | 83.72 -3.10 -0.59 | 86.86 -3.23 -0.28 | 81.11 -2.51 0.00 | 82.98 -2.74 0.00 | 82.50 -2.88 -0.57 | 87.58 -2.85 -1.50 | 89.23 -2.70 -1.96 | 104.02 -2.93 -2.18 | 109.89 -3.10 -2.25 | 124.93 -3.42 -1.75 | 127.16 -3.46 -2.33 | 123.77 -3.35 -3.11 | 128.41 -3.49 -2.48 | 127.84 -3.47 -2.75 | 120.46 -3.25 -3.39 | 116.54 -3.16 -2.63 | 104.86 -2.84 -2.58 | 102.75 -2.67 -2.69 | 93.49 -2.52 -2.73 | 80.35 -2.26 -2.00 | 101.41 -2.99 -1.43 |
| NINE_MILE_2 23744 | 87.01 -2.66 -1.10 | 84.80 -2.78 -0.74 | 84.10 -2.94 -0.59 | 83.71 -3.10 -0.59 | 86.86 -3.23 -0.28 | 81.11 -2.51 0.00 | 82.98 -2.74 0.00 | 82.50 -2.88 -0.56 | 87.57 -2.85 -1.49 | 89.21 -2.70 -1.94 | 104.00 -2.93 -2.17 | 109.99 -2.99 -2.23 | 124.92 -3.42 -1.74 | 127.27 -3.34 -2.32 | 123.75 -3.35 -3.08 | 128.40 -3.49 -2.47 | 127.82 -3.47 -2.73 | 120.44 -3.25 -3.36 | 116.53 -3.16 -2.61 | 104.85 -2.84 -2.56 | 102.73 -2.67 -2.67 | 93.47 -2.52 -2.71 | 80.41 -2.18 -1.99 | 101.40 -2.99 -1.43 |
| NM_CAPITAL___DRP 24208 | 115.83 4.07 -23.20 | 106.65 4.17 -15.64 | 102.80 3.98 -12.37 | 102.51 3.88 -12.41 | 99.90 4.13 -5.96 | 87.72 4.10 0.00 | 89.58 3.86 0.00 | 100.47 3.82 -11.83 | 124.20 3.91 -31.36 | 135.02 4.05 -41.00 | 155.31 4.82 -45.72 | 162.88 5.09 -47.03 | 169.41 6.08 -36.74 | 183.22 6.03 -48.90 | 194.63 5.58 -65.03 | 187.11 5.69 -51.99 | 191.81 5.66 -57.60 | 196.66 5.41 -70.92 | 177.47 5.39 -55.01 | 164.10 4.94 -54.04 | 163.84 4.83 -56.29 | 154.64 4.20 -57.16 | 126.09 3.63 -41.86 | 137.64 4.63 -30.05 |
| NM_CENTRAL___DRP 24181 | 88.81 -1.15 -1.40 | 86.40 -1.39 -0.95 | 85.56 -1.64 -0.75 | 85.08 -1.90 -0.75 | 88.19 -1.98 -0.36 | 82.45 -1.17 0.00 | 84.27 -1.46 0.00 | 83.93 -1.61 -0.72 | 89.58 -1.24 -1.90 | 91.46 -0.99 -2.48 | 106.70 -0.84 -2.77 | 112.82 -0.78 -2.85 | 128.06 -0.76 -2.22 | 130.61 -0.64 -2.96 | 127.08 -0.87 -3.93 | 131.79 -0.78 -3.14 | 131.14 -0.90 -3.48 | 123.89 -0.72 -4.29 | 119.59 -0.82 -3.33 | 107.76 -0.63 -3.27 | 105.62 -0.51 -3.40 | 96.18 -0.56 -3.46 | 82.49 -0.64 -2.53 | 103.54 -1.24 -1.82 |
| NM_FRONTIER___DRP 24179 | 79.97 -11.16 -2.57 | 77.37 -11.20 -1.73 | 75.89 -11.93 -1.37 | 73.55 -13.11 -0.43 | 77.00 -13.47 -0.66 | 74.92 -8.70 0.00 | 76.47 -9.26 0.00 | 73.09 -11.71 0.03 | 76.91 -12.36 -0.35 | 81.28 -13.23 -4.53 | 94.74 -15.09 -5.06 | 100.45 -15.50 -5.20 | 112.81 -17.85 -4.06 | 115.35 -18.35 -5.41 | 113.72 -17.49 -7.19 | 116.67 -18.51 -5.75 | 116.03 -18.90 -6.37 | 111.45 -16.73 -7.84 | 106.89 -16.27 -6.08 | 97.01 -14.09 -5.98 | 96.11 -12.84 -6.23 | 87.29 -12.31 -6.32 | 75.40 -9.83 -4.63 | 94.13 -12.15 -3.32 |
| NM_ST_REGIS___HYD 24053 | 87.06 -1.51 0.00 | 85.45 -1.39 0.00 | 85.15 -1.30 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.36 -2.26 0.00 | 84.10 -1.63 0.00 | 83.55 -1.27 0.00 | 87.42 -1.51 0.00 | 88.71 -1.26 0.00 | 102.46 -2.30 0.00 | 107.09 -3.65 0.00 | 121.40 -5.19 0.00 | 122.64 -5.64 0.00 | 118.43 -5.58 0.00 | 122.70 -6.73 0.00 | 123.68 -4.89 0.00 | 114.67 -5.66 0.00 | 114.03 -3.04 0.00 | 102.18 -2.94 0.00 | 99.54 -3.18 0.00 | 90.02 -3.26 0.00 | 77.95 -2.66 0.00 | 100.49 -2.47 0.00 |
| NORTHPORT___1 23551 | 138.72 11.42 -38.73 | 125.03 10.59 -27.59 | 113.43 10.63 -16.35 | 106.21 10.26 -9.72 | 104.54 10.06 -4.67 | 93.49 9.87 0.00 | 94.64 8.92 0.00 | 109.67 10.77 -14.08 | 143.85 11.38 -43.54 | 154.49 11.34 -53.19 | 166.53 13.41 -48.35 | 178.69 14.62 -53.32 | 211.56 16.58 -68.38 | 279.50 17.32 -133.89 | 343.66 16.99 -202.65 | 342.81 17.73 -195.65 | 364.19 17.48 -218.14 | 344.24 16.12 -207.79 | 252.43 15.57 -119.78 | 184.14 13.77 -65.25 | 174.44 13.25 -58.46 | 177.76 12.31 -72.16 | 171.35 10.24 -80.51 | 153.10 13.08 -37.07 |
| NORTHPORT___2 23552 | 138.72 11.42 -38.73 | 125.03 10.59 -27.59 | 113.43 10.63 -16.35 | 106.21 10.26 -9.72 | 104.54 10.06 -4.67 | 93.49 9.87 0.00 | 94.64 8.92 0.00 | 109.67 10.77 -14.08 | 143.85 11.38 -43.54 | 154.49 11.34 -53.19 | 166.53 13.41 -48.35 | 178.69 14.62 -53.32 | 211.56 16.58 -68.38 | 279.50 17.32 -133.89 | 343.66 16.99 -202.65 | 342.81 17.73 -195.65 | 364.19 17.48 -218.14 | 344.24 16.12 -207.79 | 252.43 15.57 -119.78 | 184.14 13.77 -65.25 | 174.44 13.25 -58.46 | 177.76 12.31 -72.16 | 171.35 10.24 -80.51 | 153.10 13.08 -37.07 |
| NORTHPORT___3 23553 | 137.12 9.83 -38.73 | 123.28 8.86 -27.59 | 111.61 8.82 -16.34 | 104.57 8.62 -9.72 | 102.83 8.35 -4.67 | 91.81 8.19 0.00 | 93.18 7.46 0.00 | 107.96 9.08 -14.07 | 142.43 9.96 -43.54 | 153.23 10.08 -53.19 | 164.12 11.00 -48.35 | 176.36 12.29 -53.31 | 209.15 14.18 -68.38 | 277.18 15.01 -133.88 | 341.29 14.63 -202.64 | 340.47 15.40 -195.65 | 361.87 15.17 -218.14 | 342.18 14.08 -207.78 | 250.31 13.46 -119.77 | 182.03 11.67 -65.24 | 172.38 11.20 -58.45 | 175.70 10.26 -72.16 | 169.41 8.30 -80.50 | 151.35 11.33 -37.07 |
| NORTHPORT___4 23650 | 137.12 9.83 -38.73 | 123.28 8.86 -27.59 | 111.61 8.82 -16.34 | 104.57 8.62 -9.72 | 102.83 8.35 -4.67 | 91.81 8.19 0.00 | 93.18 7.46 0.00 | 107.96 9.08 -14.07 | 142.43 9.96 -43.54 | 153.23 10.08 -53.19 | 164.12 11.00 -48.35 | 176.36 12.29 -53.31 | 209.15 14.18 -68.38 | 277.18 15.01 -133.88 | 341.29 14.63 -202.64 | 340.47 15.40 -195.65 | 361.87 15.17 -218.14 | 342.18 14.08 -207.78 | 250.31 13.46 -119.77 | 182.03 11.67 -65.24 | 172.38 11.20 -58.45 | 175.70 10.26 -72.16 | 169.41 8.30 -80.50 | 151.35 11.33 -37.07 |
| NORTHPORT___IC 23718 | 138.72 11.42 -38.73 | 125.03 10.59 -27.59 | 113.43 10.63 -16.35 | 106.21 10.26 -9.72 | 104.54 10.06 -4.67 | 93.49 9.87 0.00 | 94.64 8.92 0.00 | 109.67 10.77 -14.08 | 143.85 11.38 -43.54 | 154.49 11.34 -53.19 | 166.53 13.41 -48.35 | 178.69 14.62 -53.32 | 211.56 16.58 -68.38 | 279.50 17.32 -133.89 | 343.66 16.99 -202.65 | 342.81 17.73 -195.65 | 364.19 17.48 -218.14 | 344.24 16.12 -207.79 | 252.43 15.57 -119.78 | 184.14 13.77 -65.25 | 174.44 13.25 -58.46 | 177.76 12.31 -72.16 | 171.35 10.24 -80.51 | 153.10 13.08 -37.07 |
| NPX_GEN_1385_PROXY 323591 | 138.81 11.51 -38.73 | 125.20 10.77 -27.59 | 113.61 10.81 -16.35 | 106.30 10.35 -9.72 | 101.24 10.15 -1.29 | 96.96 9.95 -3.39 | 94.81 9.09 0.00 | 109.84 10.94 -14.08 | 143.94 11.47 -43.54 | 154.67 11.52 -53.19 | 166.74 13.62 -48.35 | 178.91 14.84 -53.32 | 211.56 16.58 -68.38 | 279.50 17.32 -133.89 | 343.91 17.24 -202.65 | 343.07 17.99 -195.65 | 364.32 17.61 -218.14 | 344.48 16.36 -207.79 | 252.43 15.57 -119.78 | 184.14 13.77 -65.25 | 174.65 13.46 -58.46 | 184.61 12.50 -78.83 | 178.38 10.40 -87.38 | 139.68 13.18 -23.54 |
| NPX_GEN_CSC 323557 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 115.00 12.10 -16.44 | 107.59 11.64 -9.72 | 102.50 11.41 -1.29 | 98.13 11.12 -3.39 | 95.41 9.69 0.00 | 110.96 11.96 -14.18 | 145.37 12.89 -43.54 | 156.47 13.32 -53.19 | 169.47 16.34 -48.35 | 181.57 17.50 -53.32 | 215.23 20.25 -68.38 | 283.48 21.30 -133.89 | 346.63 19.97 -202.65 | 345.79 20.71 -195.65 | 367.02 20.31 -218.14 | 346.76 18.65 -207.79 | 256.06 19.20 -119.78 | 187.08 16.71 -65.25 | 177.01 15.82 -58.46 | 186.38 14.27 -78.83 | 179.67 11.69 -87.38 | 140.81 14.31 -23.54 |
| NSINS_S_GLNS_FALLS 23858 | 120.99 8.68 -23.75 | 111.28 8.42 -16.01 | 106.72 7.61 -12.67 | 106.26 7.33 -12.70 | 103.99 8.08 -6.10 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 104.74 7.80 -12.11 | 129.30 8.27 -32.10 | 139.41 7.47 -41.97 | 160.69 9.11 -46.81 | 168.09 9.19 -48.15 | 173.57 9.37 -37.61 | 187.71 8.98 -50.44 | 199.01 7.81 -67.18 | 191.99 7.77 -54.80 | 197.46 7.71 -61.19 | 201.85 8.42 -73.10 | 183.46 10.07 -56.31 | 170.33 9.88 -55.32 | 170.01 9.66 -57.62 | 160.19 8.40 -58.51 | 130.63 7.17 -42.85 | 142.88 9.16 -30.76 |
| NUCOR_STEEL___DRP 24197 | 87.56 -3.10 -2.10 | 84.78 -3.47 -1.42 | 83.51 -4.06 -1.12 | 82.97 -4.40 -1.14 | 85.77 -4.58 -0.54 | 80.53 -3.09 0.00 | 82.21 -3.51 0.00 | 82.19 -3.73 -1.10 | 88.74 -3.02 -2.84 | 91.16 -2.52 -3.71 | 106.40 -2.51 -4.14 | 112.57 -2.44 -4.26 | 128.40 -1.52 -3.33 | 131.18 -1.54 -4.43 | 127.43 -2.48 -5.89 | 131.68 -2.46 -4.71 | 131.34 -2.44 -5.22 | 124.59 -2.17 -6.43 | 120.31 -1.76 -4.98 | 108.33 -1.68 -4.90 | 105.88 -1.95 -5.10 | 96.59 -1.87 -5.18 | 82.38 -2.02 -3.79 | 102.28 -3.40 -2.72 |
| NYISO_LBMP_REFERENCE 24008 | 88.56 0.00 0.00 | 86.84 0.00 0.00 | 86.45 0.00 0.00 | 86.23 0.00 0.00 | 89.81 0.00 0.00 | 83.62 0.00 0.00 | 85.73 0.00 0.00 | 84.82 0.00 0.00 | 88.93 0.00 0.00 | 89.97 0.00 0.00 | 104.77 0.00 0.00 | 110.75 0.00 0.00 | 126.59 0.00 0.00 | 128.29 0.00 0.00 | 124.02 0.00 0.00 | 129.43 0.00 0.00 | 128.56 0.00 0.00 | 120.33 0.00 0.00 | 117.08 0.00 0.00 | 105.12 0.00 0.00 | 102.73 0.00 0.00 | 93.28 0.00 0.00 | 80.61 0.00 0.00 | 102.96 0.00 0.00 |

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|--------------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| NYPA_BRENTWD____GT 24164 | 140.17 12.84 -38.77 | 126.37 11.81 -27.72 | 114.87 11.84 -16.58 | 107.33 11.38 -9.72 | 105.62 11.14 -4.67 | 94.49 10.87 0.00 | 95.67 9.94 0.00 | 111.20 12.04 -14.34 | 145.37 12.89 -43.54 | 155.84 12.69 -53.19 | 168.21 15.09 -48.35 | 180.57 16.50 -53.32 | 213.97 18.99 -68.38 | 282.19 20.01 -133.89 | 346.26 19.59 -202.65 | 345.53 20.45 -195.65 | 366.89 20.18 -218.14 | 346.76 18.65 -207.79 | 254.77 17.91 -119.78 | 185.93 15.56 -65.25 | 176.19 15.00 -58.46 | 179.06 13.62 -72.16 | 172.56 11.45 -80.51 | 154.85 14.83 -37.07 |
| NYPA_GOWANUS____GT5 24156 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.06 12.99 -173.29 | 291.18 14.18 -166.26 | 291.51 16.33 -148.59 | 291.52 16.81 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.55 16.71 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.53 12.03 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NYPA_GOWANUS____GT6 24157 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.06 12.99 -173.29 | 291.18 14.18 -166.26 | 291.51 16.33 -148.59 | 291.52 16.81 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.55 16.71 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.53 12.03 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |
| NYPA_HARLEM__RVR__GT1 24160 | 154.23 9.92 -55.75 | 154.07 8.94 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.29 8.80 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.12 8.99 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.47 16.81 -44.38 | 200.55 16.00 -60.54 | 207.22 16.83 -60.97 | 217.89 16.58 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.72 12.94 -52.05 | 172.95 12.03 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| NYPA_HARLEM__RVR__GT2 24161 | 154.23 9.92 -55.75 | 154.07 8.94 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.29 8.80 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.12 8.99 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.47 16.81 -44.38 | 200.55 16.00 -60.54 | 207.22 16.83 -60.97 | 217.89 16.58 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.72 12.94 -52.05 | 172.95 12.03 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| NYPA_KENT____GT 24152 | 181.95 10.45 -82.94 | 197.87 9.55 -101.48 | 107.02 9.42 -11.15 | 104.84 8.88 -9.73 | 103.47 8.98 -4.68 | 92.49 8.86 -0.01 | 100.05 8.83 -5.49 | 156.98 9.58 -62.58 | 176.56 10.40 -77.23 | 170.00 10.71 -69.33 | 160.00 12.78 -42.45 | 160.00 13.84 -35.41 | 125.16 16.08 17.51 | 124.51 16.55 20.33 | 140.72 15.87 -0.83 | 151.73 16.70 -5.61 | 168.50 16.46 -23.49 | 139.55 15.40 -3.82 | 160.00 15.10 -27.82 | 160.00 13.35 -41.53 | 160.00 12.64 -44.64 | 160.00 11.75 -54.97 | 170.00 10.00 -79.40 | 170.00 12.36 -54.69 |
| NYPA_POUCH1____GT 24155 | 225.10 10.36 -126.18 | 269.86 9.64 -173.39 | 107.50 9.42 -11.63 | 104.85 8.88 -9.74 | 103.48 8.98 -4.69 | 92.42 8.78 -0.02 | 101.79 8.74 -7.32 | 165.78 9.58 -71.37 | 205.10 10.32 -105.86 | 248.43 10.71 -147.75 | 353.09 12.78 -235.54 | 351.00 13.95 -226.30 | 339.53 16.20 -196.73 | 339.59 16.68 -194.62 | 339.54 16.00 -199.53 | 339.47 16.95 -193.09 | 339.56 16.71 -194.29 | 339.51 15.64 -203.54 | 339.77 15.22 -207.47 | 351.99 13.46 -233.41 | 350.54 12.84 -234.97 | 346.78 11.94 -241.56 | 347.97 10.00 -257.36 | 253.32 12.36 -138.00 |
| NYPA_VERNON____GT2 24162 | 166.91 10.18 -68.16 | 176.78 9.29 -80.65 | 106.98 9.25 -11.28 | 104.76 8.80 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 100.37 8.66 -5.98 | 159.07 9.42 -64.84 | 166.03 10.23 -66.88 | 167.61 10.44 -67.21 | 160.05 12.47 -42.81 | 163.43 13.62 -39.06 | 155.95 15.82 -13.53 | 165.54 16.29 -20.96 | 177.78 15.63 -38.14 | 186.15 16.57 -40.16 | 198.65 16.20 -53.89 | 176.88 15.16 -41.39 | 169.82 14.87 -37.87 | 166.31 13.03 -48.16 | 165.16 12.43 -50.00 | 168.04 11.47 -63.28 | 169.53 9.75 -79.17 | 164.55 12.15 -49.44 |
| NYPA_VERNON____GT3 24163 | 166.91 10.18 -68.16 | 176.78 9.29 -80.65 | 106.98 9.25 -11.28 | 104.76 8.80 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 100.37 8.66 -5.98 | 159.07 9.42 -64.84 | 166.03 10.23 -66.88 | 167.61 10.44 -67.21 | 160.05 12.47 -42.81 | 163.43 13.62 -39.06 | 155.95 15.82 -13.53 | 165.54 16.29 -20.96 | 177.78 15.63 -38.14 | 186.15 16.57 -40.16 | 198.65 16.20 -53.89 | 176.88 15.16 -41.39 | 169.82 14.87 -37.87 | 166.31 13.03 -48.16 | 165.16 12.43 -50.00 | 168.04 11.47 -63.28 | 169.53 9.75 -79.17 | 164.55 12.15 -49.44 |
| NYPA____ASTORIA_CC1 323568 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 11.57 -67.64 | 169.41 9.75 -79.05 | 158.13 12.15 -43.02 |
| NYPA____ASTORIA_CC2 323569 | 154.49 10.18 -55.75 | 154.42 9.29 -58.29 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 99.38 8.66 -5.00 | 154.46 9.33 -60.31 | 158.03 10.14 -58.97 | 164.10 10.44 -63.70 | 159.50 12.47 -42.26 | 164.52 13.62 -40.15 | 172.13 15.95 -29.59 | 187.28 16.42 -42.57 | 197.31 15.63 -57.67 | 204.23 16.57 -58.24 | 214.56 16.20 -69.80 | 196.66 15.28 -61.06 | 175.09 14.87 -43.14 | 167.94 13.03 -49.78 | 167.21 12.43 -52.05 | 172.49 11.57 -67.64 | 169.41 9.75 -79.05 | 158.13 12.15 -43.02 |
| NYPA____HOLTSVILL 23794 | 139.53 12.22 -38.75 | 125.94 11.46 -27.64 | 114.47 11.58 -16.43 | 107.16 11.21 -9.72 | 105.44 10.96 -4.67 | 94.32 10.70 0.00 | 95.33 9.60 0.00 | 110.70 11.71 -14.17 | 145.01 12.54 -43.54 | 156.02 12.87 -53.19 | 168.63 15.51 -48.35 | 180.91 16.83 -53.32 | 214.22 19.24 -68.38 | 282.45 20.27 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.63 19.93 -218.14 | 346.52 18.41 -207.79 | 255.01 18.15 -119.78 | 186.24 15.87 -65.25 | 176.39 15.20 -58.46 | 179.25 13.81 -72.16 | 172.48 11.37 -80.51 | 154.13 14.11 -37.07 |
| NYPA____HELLGATE_GT1 24158 | 154.23 9.92 -55.75 | 154.07 8.94 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.29 8.80 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.12 8.99 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.47 16.81 -44.38 | 200.55 16.00 -60.54 | 207.22 16.83 -60.97 | 217.89 16.58 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.72 12.94 -52.05 | 172.95 12.03 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| NYPA____HELLGATE_GT2 24159 | 154.23 9.92 -55.75 | 154.07 8.94 -58.29 | 106.29 8.82 -11.02 | 104.58 8.62 -9.73 | 103.29 8.80 -4.68 | 92.16 8.53 -0.01 | 99.12 8.40 -5.00 | 154.12 8.99 -60.31 | 158.03 10.14 -58.97 | 164.19 10.53 -63.70 | 159.29 12.26 -42.26 | 164.19 13.29 -40.15 | 172.64 16.46 -29.59 | 189.47 16.81 -44.38 | 200.55 16.00 -60.54 | 207.22 16.83 -60.97 | 217.89 16.58 -72.74 | 199.93 15.64 -63.96 | 177.19 15.45 -44.65 | 168.47 13.56 -49.78 | 167.72 12.94 -52.05 | 172.95 12.03 -67.64 | 202.75 10.08 -112.07 | 158.64 12.66 -43.02 |
| NYS_BARGE__HYD 23848 | 81.15 -9.92 -2.50 | 78.46 -10.07 -1.69 | 76.89 -10.89 -1.34 | 74.62 -11.99 -0.38 | 78.06 -12.39 -0.64 | 75.93 -7.69 0.00 | 76.47 -9.26 0.00 | 73.12 -11.62 0.08 | 77.83 -12.09 -1.00 | 82.79 -11.61 -4.43 | 96.72 -12.99 -4.94 | 102.54 -13.29 -5.08 | 115.50 -15.06 -3.97 | 118.05 -15.52 -5.28 | 116.28 -14.76 -7.02 | 119.38 -15.66 -5.61 | 118.45 -16.33 -6.22 | 113.67 -14.32 -7.66 | 108.97 -14.05 -5.94 | 98.76 -12.19 -5.84 | 97.81 -10.99 -6.08 | 88.73 -10.73 -6.17 | 76.50 -8.62 -4.52 | 95.50 -10.71 -3.24 |
| O.H_GEN_BRUCE 24063 | 79.42 -11.60 -2.46 | 76.95 -11.55 -1.66 | 75.49 -12.28 -1.31 | 73.21 -13.37 -0.35 | 73.22 -13.83 2.76 | 77.89 -9.11 -3.39 | 74.92 -10.80 0.00 | 71.64 -13.06 0.12 | 74.82 -13.78 0.32 | 81.00 -13.32 -4.35 | 94.43 -15.19 -4.85 | 100.12 -15.62 -4.99 | 112.51 -17.98 -3.90 | 115.00 -18.47 -5.18 | 113.30 -17.61 -6.90 | 116.30 -18.64 -5.51 | 115.64 -19.03 -6.11 | 111.00 -16.85 -7.52 | 106.52 -16.39 -5.83 | 96.55 -14.30 -5.73 | 95.65 -13.05 -5.97 | 93.41 -12.59 -12.72 | 81.76 -10.16 -11.31 | 79.95 -12.66 10.34 |

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| OAK ORCHARD___HYD 24046 | 84.68 -5.93 -2.05 | 82.06 -6.17 -1.39 | 80.89 -6.66 -1.10 | 78.86 -7.42 -0.05 | 82.61 -7.72 -0.53 | 78.77 -4.85 0.00 | 79.90 -5.83 0.00 | 77.42 -6.96 0.44 | 84.86 -6.85 -2.78 | 87.48 -6.12 -3.63 | 102.32 -6.50 -4.05 | 108.49 -6.42 -4.17 | 122.89 -6.96 -3.25 | 125.44 -7.18 -4.33 | 122.96 -6.82 -5.76 | 126.78 -7.25 -4.61 | 126.21 -7.46 -5.10 | 119.99 -6.62 -6.28 | 115.40 -6.56 -4.87 | 104.13 -5.78 -4.79 | 102.48 -5.24 -4.99 | 93.12 -5.22 -5.06 | 79.80 -4.51 -3.71 | 99.55 -6.07 -2.66 |
| OCC_CHEM___DRP 24175 | 80.06 -11.07 -2.57 | 77.46 -11.12 -1.73 | 75.98 -11.84 -1.37 | 73.64 -13.02 -0.43 | 77.09 -13.38 -0.66 | 75.01 -8.61 0.00 | 76.38 -9.34 0.00 | 73.01 -11.79 0.02 | 76.83 -12.45 -0.35 | 81.38 -13.14 -4.54 | 94.86 -14.98 -5.07 | 100.57 -15.39 -5.21 | 112.94 -17.72 -4.07 | 115.49 -18.22 -5.42 | 113.86 -17.36 -7.21 | 116.81 -18.38 -5.76 | 116.17 -18.77 -6.38 | 111.58 -16.60 -7.86 | 107.02 -16.16 -6.10 | 97.13 -13.98 -5.99 | 96.33 -12.64 -6.24 | 87.40 -12.22 -6.34 | 75.49 -9.75 -4.64 | 94.24 -12.05 -3.33 |
| OLIN_CORP_DRP 24177 | 80.36 -10.80 -2.61 | 77.74 -10.85 -1.76 | 76.26 -11.58 -1.39 | 73.92 -12.76 -0.46 | 77.36 -13.11 -0.67 | 75.26 -8.36 0.00 | 75.61 -10.12 0.00 | 72.35 -12.47 0.00 | 76.44 -13.07 -0.58 | 81.89 -12.69 -4.61 | 95.55 -14.35 -5.14 | 101.30 -14.73 -5.28 | 113.88 -16.84 -4.13 | 116.46 -17.32 -5.49 | 114.83 -16.49 -7.31 | 117.79 -17.47 -5.84 | 117.03 -18.00 -6.47 | 112.41 -15.88 -7.97 | 107.80 -15.45 -6.18 | 97.74 -13.46 -6.07 | 96.83 -12.22 -6.32 | 87.95 -11.75 -6.42 | 75.88 -9.43 -4.70 | 94.70 -11.63 -3.38 |
| ONONDAGA_REF_OCCRA 23987 | 89.29 -0.89 -1.62 | 86.71 -1.22 -1.09 | 85.84 -1.47 -0.86 | 85.37 -1.72 -0.87 | 88.43 -1.80 -0.42 | 82.62 -1.00 0.00 | 84.44 -1.29 0.00 | 84.29 -1.36 -0.83 | 90.22 -0.89 -2.19 | 92.20 -0.63 -2.86 | 107.54 -0.42 -3.19 | 113.70 -0.33 -3.28 | 129.03 -0.13 -2.56 | 131.70 0.00 -3.41 | 128.30 -0.25 -4.54 | 132.79 -0.26 -3.63 | 132.32 -0.26 -4.02 | 125.03 -0.24 -4.95 | 120.68 -0.23 -3.84 | 108.68 -0.21 -3.77 | 106.55 -0.10 -3.93 | 97.08 -0.19 -3.99 | 83.12 -0.40 -2.92 | 104.13 -0.93 -2.10 |
| ONONDAGA___COGEN 23986 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| ONTARIO___LFGE 23819 | 86.78 -4.16 -2.38 | 83.84 -4.60 -1.60 | 82.62 -5.10 -1.27 | 81.84 -5.69 -1.30 | 84.49 -5.93 -0.61 | 79.86 -3.76 0.00 | 81.44 -4.29 0.00 | 81.16 -4.92 -1.25 | 87.53 -4.45 -3.05 | 90.30 -3.87 -4.20 | 105.58 -3.77 -4.68 | 111.80 -3.77 -4.82 | 126.81 -3.54 -3.76 | 129.71 -3.59 -5.01 | 126.83 -3.84 -6.66 | 130.74 -4.01 -5.32 | 130.35 -4.11 -5.90 | 123.98 -3.61 -7.26 | 119.32 -3.40 -5.63 | 107.71 -2.94 -5.54 | 105.51 -2.98 -5.77 | 96.24 -2.89 -5.85 | 81.99 -2.90 -4.29 | 101.71 -4.32 -3.08 |
| OSWEGATCHIE___HYD 24044 | 88.03 -0.53 0.00 | 86.06 -0.78 0.00 | 85.67 -0.78 0.00 | 85.54 -0.69 0.00 | 89.00 -0.81 0.00 | 82.37 -1.25 0.00 | 84.95 -0.77 0.00 | 84.31 -0.51 0.00 | 88.48 -0.44 0.00 | 89.52 -0.45 0.00 | 103.72 -1.05 0.00 | 108.64 -2.10 0.00 | 123.43 -3.16 0.00 | 124.83 -3.46 0.00 | 120.05 -3.97 0.00 | 124.64 -4.79 0.00 | 125.35 -3.21 0.00 | 116.84 -3.49 0.00 | 115.56 -1.52 0.00 | 103.44 -1.68 0.00 | 101.39 -1.34 0.00 | 91.79 -1.49 0.00 | 79.32 -1.29 0.00 | 101.62 -1.34 0.00 |
| OSWEGO___5 23606 | 87.62 -2.21 -1.28 | 85.35 -2.34 -0.86 | 84.62 -2.51 -0.68 | 84.24 -2.67 -0.68 | 87.35 -2.78 -0.33 | 81.53 -2.09 0.00 | 83.41 -2.31 0.00 | 83.01 -2.46 -0.65 | 88.34 -2.31 -1.72 | 90.06 -2.16 -2.25 | 104.98 -2.30 -2.51 | 110.90 -2.44 -2.59 | 125.95 -2.66 -2.02 | 128.28 -2.69 -2.69 | 124.99 -2.60 -3.57 | 129.57 -2.72 -2.86 | 129.03 -2.70 -3.17 | 121.70 -2.53 -3.90 | 117.64 -2.46 -3.02 | 105.88 -2.21 -2.97 | 103.77 -2.05 -3.09 | 94.46 -1.96 -3.14 | 81.13 -1.77 -2.30 | 102.14 -2.47 -1.65 |
| OSWEGO___6 23613 | 87.62 -2.21 -1.28 | 85.35 -2.34 -0.86 | 84.62 -2.51 -0.68 | 84.24 -2.67 -0.68 | 87.35 -2.78 -0.33 | 81.53 -2.09 0.00 | 83.41 -2.31 0.00 | 83.01 -2.46 -0.65 | 88.34 -2.31 -1.72 | 90.06 -2.16 -2.25 | 104.98 -2.30 -2.51 | 110.90 -2.44 -2.59 | 125.95 -2.66 -2.02 | 128.28 -2.69 -2.69 | 124.99 -2.60 -3.57 | 129.57 -2.72 -2.86 | 129.03 -2.70 -3.17 | 121.70 -2.53 -3.90 | 117.64 -2.46 -3.02 | 105.88 -2.21 -2.97 | 103.77 -2.05 -3.09 | 94.46 -1.96 -3.14 | 81.13 -1.77 -2.30 | 102.14 -2.47 -1.65 |
| OUTOKUMPU-AB___DRP 24206 | 81.97 -9.21 -2.62 | 79.23 -9.38 -1.77 | 77.56 -10.29 -1.40 | 75.32 -11.38 -0.47 | 78.72 -11.76 -0.67 | 76.43 -7.19 0.00 | 77.58 -8.14 0.00 | 74.49 -10.35 -0.02 | 78.97 -10.76 -0.80 | 83.99 -10.62 -4.63 | 98.10 -11.84 -5.17 | 103.99 -12.07 -5.32 | 117.20 -13.55 -4.15 | 119.83 -13.98 -5.53 | 118.10 -13.27 -7.35 | 121.19 -14.11 -5.88 | 119.51 -15.56 -6.51 | 114.75 -13.60 -8.02 | 109.95 -13.35 -6.22 | 99.67 -11.56 -6.11 | 98.72 -10.38 -6.36 | 89.67 -10.07 -6.46 | 77.28 -8.06 -4.73 | 96.47 -9.88 -3.40 |
| OXBOW___ 24026 | 81.33 -9.83 -2.60 | 78.60 -9.99 -1.75 | 77.03 -10.81 -1.39 | 74.69 -11.99 -0.45 | 78.08 -12.39 -0.67 | 75.93 -7.69 0.00 | 76.38 -9.34 0.00 | 73.02 -11.79 0.01 | 76.87 -12.45 -0.39 | 81.42 -13.14 -4.59 | 94.91 -14.98 -5.12 | 100.62 -15.39 -5.27 | 112.98 -17.72 -4.11 | 115.55 -18.22 -5.48 | 113.93 -17.36 -7.28 | 116.87 -18.38 -5.82 | 118.17 -16.84 -6.45 | 113.59 -14.68 -7.94 | 108.84 -14.40 -6.16 | 98.77 -12.40 -6.05 | 97.83 -11.20 -6.30 | 88.86 -10.82 -6.40 | 76.67 -8.62 -4.69 | 95.72 -10.60 -3.36 |
| PEEKSKILL___ 23653 | 115.19 8.59 -18.04 | 106.73 7.73 -12.17 | 103.68 7.61 -9.62 | 103.03 7.16 -9.64 | 101.72 7.27 -4.64 | 90.81 7.19 0.00 | 92.93 7.20 0.00 | 101.90 7.89 -9.19 | 121.77 8.54 -24.31 | 130.67 8.82 -31.89 | 150.91 10.58 -35.56 | 159.07 11.74 -36.58 | 168.84 13.67 -28.58 | 184.84 14.37 -42.19 | 195.04 13.89 -57.14 | 201.80 14.75 -57.62 | 212.11 14.53 -69.02 | 194.31 13.48 -60.51 | 172.86 13.00 -42.79 | 158.40 11.25 -42.03 | 157.09 10.58 -43.78 | 147.53 9.79 -44.46 | 121.38 8.22 -32.56 | 136.52 10.19 -23.37 |
| PGE MADISON___WINDPWR 24146 | 94.62 0.89 -5.18 | 90.50 0.17 -3.49 | 88.95 -0.26 -2.76 | 88.35 -0.60 -2.72 | 90.42 -0.72 -1.33 | 84.04 0.42 0.00 | 85.90 0.17 0.00 | 87.74 0.34 -2.58 | 97.13 1.60 -6.60 | 101.28 2.16 -9.15 | 118.32 3.35 -10.20 | 124.79 3.54 -10.50 | 139.86 5.06 -8.20 | 144.20 5.00 -10.91 | 141.38 2.85 -14.51 | 144.00 2.98 -11.60 | 144.37 2.96 -12.85 | 139.40 3.25 -15.83 | 132.98 3.63 -12.27 | 120.23 3.05 -12.06 | 118.17 2.88 -12.56 | 108.65 2.61 -12.75 | 91.40 1.45 -9.34 | 110.38 0.72 -6.71 |
| PIERCEFIELD___HYD 23852 | 87.15 -1.42 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.45 -2.17 0.00 | 84.18 -1.54 0.00 | 83.55 -1.27 0.00 | 87.50 -1.42 0.00 | 88.62 -1.35 0.00 | 102.36 -2.41 0.00 | 106.87 -3.88 0.00 | 120.90 -5.70 0.00 | 122.26 -6.03 0.00 | 118.19 -5.83 0.00 | 122.18 -7.25 0.00 | 123.42 -5.14 0.00 | 114.31 -6.02 0.00 | 113.92 -3.16 0.00 | 102.07 -3.05 0.00 | 99.65 -3.08 0.00 | 90.11 -3.17 0.00 | 78.03 -2.58 0.00 | 100.59 -2.37 0.00 |
| PINELAWN_CC_1 323563 | 138.49 11.07 -38.86 | 125.01 10.07 -28.10 | 113.78 10.11 -17.22 | 105.70 9.74 -9.72 | 104.00 9.52 -4.67 | 92.90 9.28 0.00 | 94.30 8.57 0.00 | 110.17 10.26 -15.08 | 143.68 11.20 -43.54 | 154.31 11.16 -53.19 | 166.64 13.52 -48.35 | 179.02 14.95 -53.32 | 212.19 17.22 -68.38 | 280.27 18.09 -133.89 | 344.28 17.61 -202.65 | 343.59 18.51 -195.65 | 364.83 18.13 -218.14 | 344.96 16.85 -207.79 | 253.01 16.16 -119.78 | 184.46 14.09 -65.25 | 174.75 13.56 -58.46 | 177.85 12.41 -72.16 | 171.19 10.08 -80.51 | 152.59 12.56 -37.07 |
| PJM_GEN_KEystone 24065 | 97.40 -6.55 -15.39 | 87.18 2.26 1.92 | 76.15 2.07 12.38 | 71.55 1.55 16.23 | 69.77 1.44 21.47 | 74.99 2.34 10.97 | 79.12 -6.60 0.00 | 97.11 2.37 -9.91 | 111.68 2.76 -20.00 | 112.17 -3.60 -25.80 | 135.00 4.09 -26.14 | 142.18 4.98 -26.45 | 153.33 6.08 -20.66 | 164.95 6.54 -30.12 | 171.20 6.82 -40.37 | 176.16 7.25 -39.48 | 169.99 5.27 -46.70 | 169.89 6.62 -42.95 | 153.87 5.85 -30.94 | 140.46 4.94 -30.39 | 139.61 4.62 -32.26 | 139.14 4.20 -41.66 | 119.94 3.14 -36.19 | 107.13 3.60 -0.57 |

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| PJM_GEN_NEPTUNE_PROXY 323594 | 137.51 10.27 -38.67 | 123.48 9.29 -27.35 | 111.63 9.25 -15.93 | 104.83 8.88 -9.72 | 99.80 8.71 -1.29 | 95.54 8.53 -3.39 | 93.61 7.89 0.00 | 107.91 9.50 -13.59 | 142.70 10.23 -43.54 | 153.50 10.35 -53.19 | 165.38 12.26 -48.35 | 177.58 13.51 -53.32 | 210.80 15.82 -68.38 | 278.73 16.55 -133.89 | 342.67 16.00 -202.65 | 341.78 16.70 -195.65 | 363.16 16.46 -218.14 | 343.52 15.40 -207.79 | 251.73 14.87 -119.78 | 183.40 13.03 -65.25 | 173.62 12.43 -58.46 | 183.49 11.38 -78.83 | 177.25 9.27 -87.38 | 138.23 11.74 -23.54 |
| PLEASANTVLY___LBMP 24000 | 115.26 7.88 -18.82 | 106.74 7.21 -12.69 | 103.58 7.09 -10.04 | 103.01 6.73 -10.06 | 101.56 6.92 -4.84 | 90.48 6.86 0.00 | 92.50 6.77 0.00 | 101.71 7.29 -9.59 | 122.20 7.91 -25.36 | 131.33 8.10 -33.26 | 151.50 9.64 -37.10 | 159.54 10.63 -38.16 | 168.81 12.41 -29.81 | 185.80 12.96 -44.56 | 196.89 12.40 -60.47 | 205.00 13.20 -62.37 | 216.74 12.98 -75.20 | 196.19 12.03 -63.83 | 173.42 11.71 -44.63 | 159.16 10.20 -43.85 | 158.05 9.66 -45.67 | 148.52 8.86 -46.37 | 122.06 7.50 -33.96 | 136.71 9.37 -24.38 |
| POLETTI____ 23519 | 134.67 9.74 -36.37 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 103.01 8.53 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 130.23 8.91 -36.50 | 146.75 9.60 -48.21 | 153.24 9.90 -53.38 | 155.79 11.84 -39.18 | 160.59 12.96 -36.88 | 170.59 15.19 -28.81 | 186.64 15.78 -42.57 | 196.81 15.13 -57.66 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 159.90 12.40 -42.38 | 163.27 11.71 -48.83 | 171.14 10.91 -66.94 | 167.43 9.19 -77.64 | 142.49 11.43 -28.10 |
| PORT_JEFF_3 23555 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 114.74 11.84 -16.44 | 107.33 11.38 -9.72 | 105.62 11.14 -4.67 | 94.41 10.79 0.00 | 95.50 9.77 0.00 | 110.88 11.87 -14.18 | 144.92 12.45 -43.54 | 155.93 12.78 -53.19 | 168.63 15.51 -48.35 | 180.57 16.50 -53.32 | 213.84 18.86 -68.38 | 282.07 19.88 -133.89 | 345.77 19.10 -202.65 | 344.88 19.80 -195.65 | 366.12 19.41 -218.14 | 346.04 17.93 -207.79 | 254.65 17.80 -119.78 | 185.93 15.56 -65.25 | 176.09 14.90 -58.46 | 178.78 13.34 -72.16 | 172.32 11.20 -80.51 | 153.93 13.90 -37.07 |
| PORT_JEFF_4 23616 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 114.74 11.84 -16.44 | 107.33 11.38 -9.72 | 105.62 11.14 -4.67 | 94.41 10.79 0.00 | 95.50 9.77 0.00 | 110.88 11.87 -14.18 | 144.92 12.45 -43.54 | 155.93 12.78 -53.19 | 168.63 15.51 -48.35 | 180.57 16.50 -53.32 | 213.84 18.86 -68.38 | 282.07 19.88 -133.89 | 345.77 19.10 -202.65 | 344.88 19.80 -195.65 | 366.12 19.41 -218.14 | 346.04 17.93 -207.79 | 254.65 17.80 -119.78 | 185.93 15.56 -65.25 | 176.09 14.90 -58.46 | 178.78 13.34 -72.16 | 172.32 11.20 -80.51 | 153.93 13.90 -37.07 |
| PORT_JEFF_IC 23713 | 139.98 12.66 -38.75 | 126.40 11.90 -27.66 | 114.94 12.02 -16.47 | 107.51 11.55 -9.72 | 105.80 11.32 -4.67 | 94.66 11.04 0.00 | 95.75 10.03 0.00 | 111.16 12.13 -14.21 | 145.28 12.81 -43.54 | 156.38 13.23 -53.19 | 169.15 16.03 -48.35 | 180.79 16.72 -53.32 | 214.09 19.12 -68.38 | 282.32 20.14 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.50 19.80 -218.14 | 346.52 18.41 -207.79 | 254.89 18.03 -119.78 | 186.14 15.77 -65.25 | 176.29 15.10 -58.46 | 178.97 13.53 -72.16 | 172.72 11.61 -80.51 | 154.44 14.41 -37.07 |
| PPL PILGRIM_ST_GT1 24216 | 140.17 12.84 -38.77 | 126.37 11.81 -27.72 | 114.87 11.84 -16.58 | 107.33 11.38 -9.72 | 105.62 11.14 -4.67 | 94.49 10.87 0.00 | 95.67 9.94 0.00 | 111.20 12.04 -14.34 | 145.37 12.89 -43.54 | 155.84 12.69 -53.19 | 168.21 15.09 -48.35 | 180.57 16.50 -53.32 | 213.97 18.99 -68.38 | 282.19 20.01 -133.89 | 346.26 19.59 -202.65 | 345.53 20.45 -195.65 | 366.89 20.18 -218.14 | 346.76 18.65 -207.79 | 254.77 17.91 -119.78 | 185.93 15.56 -65.25 | 176.19 15.00 -58.46 | 179.06 13.62 -72.16 | 172.56 11.45 -80.51 | 154.85 14.83 -37.07 |
| PPL PILGRIM_ST_GT2 24217 | 140.17 12.84 -38.77 | 126.37 11.81 -27.72 | 114.87 11.84 -16.58 | 107.33 11.38 -9.72 | 105.62 11.14 -4.67 | 94.49 10.87 0.00 | 95.67 9.94 0.00 | 111.20 12.04 -14.34 | 145.37 12.89 -43.54 | 155.84 12.69 -53.19 | 168.21 15.09 -48.35 | 180.57 16.50 -53.32 | 213.97 18.99 -68.38 | 282.19 20.01 -133.89 | 346.26 19.59 -202.65 | 345.53 20.45 -195.65 | 366.89 20.18 -218.14 | 346.76 18.65 -207.79 | 254.77 17.91 -119.78 | 185.93 15.56 -65.25 | 176.19 15.00 -58.46 | 179.06 13.62 -72.16 | 172.56 11.45 -80.51 | 154.85 14.83 -37.07 |
| PPL_SHRM_GT3 24213 | 139.71 12.40 -38.75 | 126.30 11.81 -27.65 | 115.18 12.28 -16.45 | 107.68 11.73 -9.72 | 106.07 11.59 -4.67 | 94.82 11.21 0.00 | 95.50 9.77 0.00 | 111.06 12.04 -14.20 | 145.45 12.98 -43.54 | 156.65 13.50 -53.19 | 169.57 16.45 -48.35 | 181.79 17.72 -53.32 | 215.23 20.25 -68.38 | 283.60 21.42 -133.89 | 345.27 18.60 -202.65 | 345.27 20.19 -195.65 | 366.50 19.80 -218.14 | 345.32 17.21 -207.79 | 256.18 19.32 -119.78 | 187.19 16.82 -65.25 | 177.22 16.03 -58.46 | 179.81 14.37 -72.16 | 172.88 11.77 -80.51 | 154.44 14.41 -37.07 |
| PPL_SHRM_GT4 24214 | 139.71 12.40 -38.75 | 126.30 11.81 -27.65 | 115.18 12.28 -16.45 | 107.68 11.73 -9.72 | 106.07 11.59 -4.67 | 94.82 11.21 0.00 | 95.50 9.77 0.00 | 111.06 12.04 -14.20 | 145.45 12.98 -43.54 | 156.65 13.50 -53.19 | 169.57 16.45 -48.35 | 181.79 17.72 -53.32 | 215.23 20.25 -68.38 | 283.60 21.42 -133.89 | 345.27 18.60 -202.65 | 345.27 20.19 -195.65 | 366.50 19.80 -218.14 | 345.32 17.21 -207.79 | 256.18 19.32 -119.78 | 187.19 16.82 -65.25 | 177.22 16.03 -58.46 | 179.81 14.37 -72.16 | 172.88 11.77 -80.51 | 154.44 14.41 -37.07 |
| PROJECT___ORANGE 1 24174 | 88.84 -1.15 -1.43 | 86.42 -1.39 -0.97 | 85.57 -1.64 -0.76 | 85.10 -1.90 -0.77 | 88.20 -1.98 -0.37 | 82.45 -1.17 0.00 | 84.27 -1.46 0.00 | 83.94 -1.61 -0.73 | 89.62 -1.24 -1.94 | 91.51 -0.99 -2.53 | 106.76 -0.84 -2.82 | 112.88 -0.78 -2.90 | 128.10 -0.76 -2.27 | 130.67 -0.64 -3.02 | 127.29 -0.74 -4.02 | 131.86 -0.78 -3.21 | 131.22 -0.90 -3.56 | 123.98 -0.72 -4.38 | 119.66 -0.82 -3.40 | 107.93 -0.53 -3.34 | 105.69 -0.51 -3.48 | 96.25 -0.56 -3.53 | 82.55 -0.64 -2.59 | 103.68 -1.13 -1.86 |
| PROJECT___ORANGE 2 24166 | 88.84 -1.15 -1.43 | 86.42 -1.39 -0.97 | 85.57 -1.64 -0.76 | 85.10 -1.90 -0.77 | 88.20 -1.98 -0.37 | 82.45 -1.17 0.00 | 84.27 -1.46 0.00 | 83.94 -1.61 -0.73 | 89.62 -1.24 -1.94 | 91.51 -0.99 -2.53 | 106.76 -0.84 -2.82 | 112.88 -0.78 -2.90 | 128.10 -0.76 -2.27 | 130.67 -0.64 -3.02 | 127.29 -0.74 -4.02 | 131.86 -0.78 -3.21 | 131.22 -0.90 -3.56 | 123.98 -0.72 -4.38 | 119.66 -0.82 -3.40 | 107.93 -0.53 -3.34 | 105.69 -0.51 -3.48 | 96.25 -0.56 -3.53 | 82.55 -0.64 -2.59 | 103.68 -1.13 -1.86 |
| PYRITES___HYD 24023 | 87.68 -0.89 0.00 | 85.97 -0.87 0.00 | 85.76 -0.69 0.00 | 85.71 -0.52 0.00 | 89.27 -0.54 0.00 | 81.86 -1.76 0.00 | 84.70 -1.03 0.00 | 84.14 -0.68 0.00 | 88.22 -0.71 0.00 | 89.34 -0.63 0.00 | 103.30 -1.47 0.00 | 107.98 -2.77 0.00 | 122.67 -3.92 0.00 | 123.93 -4.36 0.00 | 119.18 -4.84 0.00 | 123.47 -5.95 0.00 | 124.45 -4.11 0.00 | 115.51 -4.81 0.00 | 115.09 -1.99 0.00 | 103.23 -1.89 0.00 | 100.37 -2.36 0.00 | 90.86 -2.43 0.00 | 78.51 -2.10 0.00 | 101.11 -1.85 0.00 |
| RAMAPO___LBMP 323565 | 114.43 8.24 -17.63 | 106.02 7.29 -11.89 | 103.12 7.26 -9.40 | 102.46 6.81 -9.42 | 101.25 6.92 -4.53 | 90.48 6.86 0.00 | 92.58 6.86 0.00 | 101.27 7.46 -8.98 | 120.86 8.18 -23.75 | 129.50 8.37 -31.16 | 149.58 10.06 -34.75 | 157.79 11.30 -35.75 | 167.81 13.29 -27.92 | 183.30 13.98 -41.02 | 193.17 13.64 -55.52 | 199.39 14.50 -55.47 | 209.11 14.27 -66.28 | 192.43 13.24 -58.87 | 171.42 12.53 -41.81 | 157.13 10.93 -41.07 | 155.78 10.27 -42.78 | 146.14 9.42 -43.44 | 120.32 7.90 -31.81 | 135.47 9.68 -22.84 |
| RANKINE____ 23646 | 81.72 -9.65 -2.81 | 78.83 -9.90 -1.89 | 77.23 -10.72 -1.50 | 75.03 -11.81 -0.61 | 78.31 -12.21 -0.72 | 75.84 -7.78 0.00 | 76.47 -9.26 0.00 | 73.71 -11.28 -0.17 | 78.18 -11.65 -0.90 | 83.69 -11.25 -4.96 | 97.73 -12.57 -5.54 | 103.60 -12.85 -5.69 | 116.48 -14.56 -4.45 | 119.33 -14.88 -5.92 | 117.75 -14.14 -7.87 | 120.83 -14.88 -6.29 | 119.98 -15.56 -6.97 | 115.19 -13.72 -8.59 | 110.16 -13.58 -6.66 | 99.89 -11.77 -6.54 | 98.96 -10.58 -6.81 | 90.03 -10.17 -6.92 | 77.29 -8.38 -5.07 | 96.20 -10.40 -3.64 |
| RAVENSWOOD_GT2_1 24244 | 135.24 9.74 -36.94 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 131.18 8.99 -37.36 | 147.67 9.78 -48.96 | 154.00 9.99 -54.05 | 156.00 11.94 -39.29 | 160.70 13.07 -36.88 | 170.59 15.19 -28.81 | 186.77 15.91 -42.57 | 196.81 15.13 -57.67 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 160.01 12.51 -42.38 | 163.52 11.81 -48.98 | 171.93 11.01 -67.64 | 169.01 9.35 -79.05 | 142.84 11.63 -28.25 |

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| RAVENSWOOD_GT2_2 24245 | 135.24 9.74 -36.94 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 131.18 8.99 -37.36 | 147.67 9.78 -48.96 | 154.00 9.99 -54.05 | 156.00 11.94 -39.29 | 160.70 13.07 -36.88 | 170.59 15.19 -28.81 | 186.77 15.91 -42.57 | 196.81 15.13 -57.67 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 160.01 12.51 -42.38 | 163.52 11.81 -48.98 | 171.93 11.01 -67.64 | 169.01 9.35 -79.05 | 142.84 11.63 -28.25 |
| RAVENSWOOD_GT2_3 24246 | 135.42 9.92 -36.94 | 108.14 9.03 -12.27 | 105.06 8.90 -9.70 | 104.40 8.45 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 131.26 9.08 -37.36 | 147.76 9.87 -48.96 | 154.18 10.17 -54.05 | 156.10 12.05 -39.29 | 160.81 13.18 -36.88 | 170.85 15.44 -28.81 | 186.90 16.04 -42.57 | 197.06 15.38 -57.67 | 203.98 16.31 -58.24 | 214.43 16.07 -69.80 | 196.30 14.92 -61.06 | 174.73 14.52 -43.14 | 160.11 12.61 -42.38 | 163.73 12.02 -48.98 | 172.11 11.19 -67.64 | 169.09 9.43 -79.05 | 142.94 11.74 -28.25 |
| RAVENSWOOD_GT2_4 24247 | 135.42 9.92 -36.94 | 108.14 9.03 -12.27 | 105.06 8.90 -9.70 | 104.40 8.45 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 131.26 9.08 -37.36 | 147.76 9.87 -48.96 | 154.18 10.17 -54.05 | 156.10 12.05 -39.29 | 160.81 13.18 -36.88 | 170.85 15.44 -28.81 | 186.90 16.04 -42.57 | 197.06 15.38 -57.67 | 203.98 16.31 -58.24 | 214.43 16.07 -69.80 | 196.30 14.92 -61.06 | 174.73 14.52 -43.14 | 160.11 12.61 -42.38 | 163.73 12.02 -48.98 | 172.11 11.19 -67.64 | 169.09 9.43 -79.05 | 142.94 11.74 -28.25 |
| RAVENSWOOD_GT3_1 24248 | 135.24 9.74 -36.94 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 131.18 8.99 -37.36 | 147.67 9.78 -48.96 | 154.00 9.99 -54.05 | 156.00 11.94 -39.29 | 160.70 13.07 -36.88 | 170.59 15.19 -28.81 | 186.77 15.91 -42.57 | 196.81 15.13 -57.67 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 160.01 12.51 -42.38 | 163.52 11.81 -48.98 | 171.93 11.01 -67.64 | 169.01 9.35 -79.05 | 142.84 11.63 -28.25 |
| RAVENSWOOD_GT3_2 24249 | 135.24 9.74 -36.94 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 131.18 8.99 -37.36 | 147.67 9.78 -48.96 | 154.00 9.99 -54.05 | 156.00 11.94 -39.29 | 160.70 13.07 -36.88 | 170.59 15.19 -28.81 | 186.77 15.91 -42.57 | 196.81 15.13 -57.67 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 160.01 12.51 -42.38 | 163.52 11.81 -48.98 | 171.93 11.01 -67.64 | 169.01 9.35 -79.05 | 142.84 11.63 -28.25 |
| RAVENSWOOD_GT3_3 24250 | 135.42 9.92 -36.94 | 108.22 9.12 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 131.35 9.16 -37.36 | 147.85 9.96 -48.96 | 154.27 10.26 -54.05 | 156.21 12.15 -39.29 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.54 15.16 -61.06 | 174.85 14.63 -43.14 | 160.32 12.82 -42.38 | 163.83 12.12 -48.98 | 172.21 11.29 -67.64 | 169.17 9.51 -79.05 | 143.05 11.84 -28.25 |
| RAVENSWOOD_GT3_4 24251 | 135.42 9.92 -36.94 | 108.22 9.12 -12.27 | 105.14 8.99 -9.70 | 104.49 8.54 -9.72 | 103.10 8.62 -4.67 | 92.15 8.53 0.00 | 94.21 8.49 0.00 | 131.35 9.16 -37.36 | 147.85 9.96 -48.96 | 154.27 10.26 -54.05 | 156.21 12.15 -39.29 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.02 16.16 -42.57 | 197.18 15.50 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.54 15.16 -61.06 | 174.85 14.63 -43.14 | 160.32 12.82 -42.38 | 163.83 12.12 -48.98 | 172.21 11.29 -67.64 | 169.17 9.51 -79.05 | 143.05 11.84 -28.25 |
| RAVENSWOOD_GT_1 23729 | 166.91 10.18 -68.16 | 176.78 9.29 -80.65 | 106.98 9.25 -11.28 | 104.76 8.80 -9.73 | 103.38 8.89 -4.68 | 92.41 8.78 -0.01 | 100.37 8.66 -5.98 | 159.07 9.42 -64.84 | 166.03 10.23 -66.88 | 167.61 10.44 -67.21 | 160.05 12.47 -42.81 | 163.43 13.62 -39.06 | 155.95 15.82 -13.53 | 165.54 16.29 -20.96 | 177.78 15.63 -38.14 | 186.15 16.57 -40.16 | 198.65 16.20 -53.89 | 176.88 15.16 -41.39 | 169.82 14.87 -37.87 | 166.31 13.03 -48.16 | 165.16 12.43 -50.00 | 168.04 11.47 -63.28 | 169.53 9.75 -79.17 | 164.55 12.15 -49.44 |
| RAVENSWOOD_GT_10 24258 | 134.48 9.74 -36.17 | 105.16 8.86 -9.47 | 104.85 8.82 -9.58 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 93.57 8.32 0.47 | 129.02 8.99 -35.20 | 147.42 9.78 -48.71 | 153.28 9.99 -53.32 | 155.72 11.94 -39.00 | 160.19 13.07 -36.37 | 168.65 15.19 -26.87 | 184.27 15.91 -40.08 | 194.56 15.13 -55.41 | 201.63 16.05 -56.16 | 212.34 15.81 -67.97 | 193.91 14.80 -58.79 | 173.89 14.28 -42.53 | 158.95 12.51 -41.32 | 162.93 11.81 -48.39 | 171.42 11.01 -67.14 | 169.02 9.35 -79.07 | 141.75 11.53 -27.26 |
| RAVENSWOOD_GT_11 24259 | 134.48 9.74 -36.17 | 105.16 8.86 -9.47 | 104.85 8.82 -9.58 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 93.57 8.32 0.47 | 129.02 8.99 -35.20 | 147.42 9.78 -48.71 | 153.28 9.99 -53.32 | 155.72 11.94 -39.00 | 160.19 13.07 -36.37 | 168.65 15.19 -26.87 | 184.27 15.91 -40.08 | 194.56 15.13 -55.41 | 201.63 16.05 -56.16 | 212.34 15.81 -67.97 | 193.91 14.80 -58.79 | 173.89 14.28 -42.53 | 158.95 12.51 -41.32 | 162.93 11.81 -48.39 | 171.42 11.01 -67.14 | 169.02 9.35 -79.07 | 141.75 11.53 -27.26 |
| RAVENSWOOD_GT_4 24252 | 130.19 9.74 -31.88 | 89.48 8.86 6.21 | 104.07 8.73 -8.88 | 104.22 8.28 -9.72 | 102.92 8.44 -4.67 | 91.89 8.28 0.00 | 90.85 8.23 3.10 | 116.84 8.91 -23.11 | 145.89 9.69 -47.27 | 149.23 9.99 -49.27 | 154.02 11.84 -37.41 | 157.23 12.96 -33.52 | 157.77 15.19 -15.98 | 170.18 15.78 -26.11 | 181.94 15.13 -42.79 | 189.95 16.05 -44.47 | 202.06 15.81 -57.69 | 181.21 14.80 -46.08 | 170.49 14.28 -39.13 | 152.95 12.40 -35.42 | 159.60 11.81 -45.06 | 168.61 11.01 -64.32 | 169.02 9.27 -79.14 | 136.23 11.53 -21.74 |
| RAVENSWOOD_GT_5 24254 | 130.19 9.74 -31.88 | 89.48 8.86 6.21 | 104.07 8.73 -8.88 | 104.22 8.28 -9.72 | 102.92 8.44 -4.67 | 91.89 8.28 0.00 | 90.85 8.23 3.10 | 116.84 8.91 -23.11 | 145.89 9.69 -47.27 | 149.23 9.99 -49.27 | 154.02 11.84 -37.41 | 157.23 12.96 -33.52 | 157.77 15.19 -15.98 | 170.18 15.78 -26.11 | 181.94 15.13 -42.79 | 189.95 16.05 -44.47 | 202.06 15.81 -57.69 | 181.21 14.80 -46.08 | 170.49 14.28 -39.13 | 152.95 12.40 -35.42 | 159.60 11.81 -45.06 | 168.61 11.01 -64.32 | 169.02 9.27 -79.14 | 136.23 11.53 -21.74 |
| RAVENSWOOD_GT_6 24253 | 130.19 9.74 -31.88 | 89.48 8.86 6.21 | 104.07 8.73 -8.88 | 104.22 8.28 -9.72 | 102.92 8.44 -4.67 | 91.89 8.28 0.00 | 90.85 8.23 3.10 | 116.84 8.91 -23.11 | 145.89 9.69 -47.27 | 149.23 9.99 -49.27 | 154.02 11.84 -37.41 | 157.23 12.96 -33.52 | 157.77 15.19 -15.98 | 170.18 15.78 -26.11 | 181.94 15.13 -42.79 | 189.95 16.05 -44.47 | 202.06 15.81 -57.69 | 181.21 14.80 -46.08 | 170.49 14.28 -39.13 | 152.95 12.40 -35.42 | 159.60 11.81 -45.06 | 168.61 11.01 -64.32 | 169.02 9.27 -79.14 | 136.23 11.53 -21.74 |
| RAVENSWOOD_GT_7 24255 | 130.19 9.74 -31.88 | 89.48 8.86 6.21 | 104.07 8.73 -8.88 | 104.22 8.28 -9.72 | 102.92 8.44 -4.67 | 91.89 8.28 0.00 | 90.85 8.23 3.10 | 116.84 8.91 -23.11 | 145.89 9.69 -47.27 | 149.23 9.99 -49.27 | 154.02 11.84 -37.41 | 157.23 12.96 -33.52 | 157.77 15.19 -15.98 | 170.18 15.78 -26.11 | 181.94 15.13 -42.79 | 189.95 16.05 -44.47 | 202.06 15.81 -57.69 | 181.21 14.80 -46.08 | 170.49 14.28 -39.13 | 152.95 12.40 -35.42 | 159.60 11.81 -45.06 | 168.61 11.01 -64.32 | 169.02 9.27 -79.14 | 136.23 11.53 -21.74 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 134.48 9.74 -36.17 | 105.16 8.86 -9.47 | 104.85 8.82 -9.58 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 93.57 8.32 0.47 | 129.02 8.99 -35.20 | 147.42 9.78 -48.71 | 153.28 9.99 -53.32 | 155.72 11.94 -39.00 | 160.19 13.07 -36.37 | 168.65 15.19 -26.87 | 184.27 15.91 -40.08 | 194.56 15.13 -55.41 | 201.63 16.05 -56.16 | 212.34 15.81 -67.97 | 193.91 14.80 -58.79 | 173.89 14.28 -42.53 | 158.95 12.51 -41.32 | 162.93 11.81 -48.39 | 171.42 11.01 -67.14 | 169.02 9.35 -79.07 | 141.75 11.53 -27.26 |
| RAVENSWOOD_GT_9 24257 | 134.48 9.74 -36.17 | 105.16 8.86 -9.47 | 104.85 8.82 -9.58 | 104.31 8.36 -9.72 | 102.92 8.44 -4.67 | 91.98 8.36 0.00 | 93.57 8.32 0.47 | 129.02 8.99 -35.20 | 147.42 9.78 -48.71 | 153.28 9.99 -53.32 | 155.72 11.94 -39.00 | 160.19 13.07 -36.37 | 168.65 15.19 -26.87 | 184.27 15.91 -40.08 | 194.56 15.13 -55.41 | 201.63 16.05 -56.16 | 212.34 15.81 -67.97 | 193.91 14.80 -58.79 | 173.89 14.28 -42.53 | 158.95 12.51 -41.32 | 162.93 11.81 -48.39 | 171.42 11.01 -67.14 | 169.02 9.35 -79.07 | 141.75 11.53 -27.26 |

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| RAVENSWOOD___1 23533 | 154.53 10.18 -55.78 | 154.50 9.29 -58.37 | 106.63 9.16 -11.02 | 104.67 8.71 -9.73 | 103.38 8.89 -4.68 | 92.32 8.70 -0.01 | 99.39 8.66 -5.01 | 154.50 9.33 -60.35 | 158.05 10.14 -58.99 | 164.12 10.44 -63.71 | 159.40 12.36 -42.27 | 164.42 13.51 -40.16 | 172.01 15.82 -29.59 | 187.15 16.29 -42.57 | 197.31 15.63 -57.67 | 204.11 16.44 -58.24 | 214.56 16.20 -69.80 | 196.54 15.16 -61.06 | 174.97 14.75 -43.14 | 167.85 12.93 -49.80 | 167.11 12.33 -52.06 | 172.39 11.47 -67.64 | 169.33 9.67 -79.05 | 158.05 12.05 -43.04 |
| RAVENSWOOD___2 23534 | 154.25 10.01 -55.68 | 154.08 9.12 -58.12 | 106.45 8.99 -11.01 | 104.49 8.54 -9.73 | 103.20 8.71 -4.68 | 92.24 8.61 -0.01 | 99.19 8.49 -4.98 | 154.12 9.08 -60.23 | 157.38 9.52 -58.93 | 163.44 9.81 -63.66 | 158.65 11.63 -42.25 | 163.62 12.74 -40.14 | 170.99 14.81 -29.58 | 186.13 15.27 -42.57 | 196.31 14.63 -57.67 | 203.07 15.40 -58.24 | 213.41 15.04 -69.80 | 195.58 14.20 -61.06 | 174.15 13.93 -43.14 | 167.07 12.19 -49.76 | 166.27 11.51 -52.04 | 171.74 10.82 -67.64 | 168.77 9.11 -79.05 | 157.25 11.33 -42.97 |
| RAVENSWOOD___3 23535 | 135.33 9.83 -36.94 | 108.05 8.94 -12.27 | 104.97 8.82 -9.70 | 104.31 8.36 -9.72 | 103.01 8.53 -4.67 | 91.98 8.36 0.00 | 94.04 8.32 0.00 | 131.18 8.99 -37.36 | 147.67 9.78 -48.96 | 154.00 9.99 -54.05 | 156.00 11.94 -39.29 | 160.70 13.07 -36.88 | 170.72 15.32 -28.81 | 186.77 15.91 -42.57 | 196.93 15.25 -57.67 | 203.72 16.05 -58.24 | 214.18 15.81 -69.80 | 196.18 14.80 -61.06 | 174.50 14.28 -43.14 | 160.01 12.51 -42.38 | 163.52 11.81 -48.98 | 171.93 11.01 -67.64 | 169.01 9.35 -79.05 | 142.84 11.63 -28.25 |
| RAVENSWOOD___4 23820 | 142.14 10.10 -43.48 | 132.21 9.20 -36.16 | 106.37 9.16 -10.76 | 104.67 8.71 -9.73 | 103.29 8.80 -4.68 | 92.32 8.70 -0.01 | 98.40 8.66 -4.01 | 149.95 9.33 -55.80 | 150.13 10.05 -51.16 | 160.53 10.35 -60.22 | 158.85 12.36 -41.71 | 165.37 13.40 -41.22 | 187.69 15.70 -45.40 | 208.31 16.16 -63.85 | 216.41 15.50 -76.90 | 221.79 16.31 -76.05 | 230.11 16.07 -85.48 | 215.79 15.04 -80.42 | 180.15 14.75 -48.32 | 169.42 12.93 -51.37 | 169.01 12.22 -54.06 | 176.59 11.38 -71.93 | 169.13 9.59 -78.93 | 151.56 11.94 -36.66 |
| RCPL_TRUST___DRP 24196 | 134.13 9.83 -35.74 | 108.05 8.94 -12.27 | 105.06 8.90 -9.70 | 104.40 8.45 -9.72 | 103.01 8.53 -4.67 | 92.07 8.45 0.00 | 94.13 8.40 0.00 | 129.47 9.08 -35.57 | 146.20 9.87 -47.40 | 152.78 10.17 -52.65 | 155.99 12.15 -39.07 | 160.92 13.29 -36.88 | 170.97 15.57 -28.81 | 187.15 16.29 -42.57 | 197.31 15.63 -57.66 | 204.23 16.57 -58.24 | 214.69 16.33 -69.80 | 196.54 15.16 -61.05 | 174.85 14.63 -43.14 | 160.32 12.82 -42.38 | 163.52 12.12 -48.67 | 170.66 11.19 -66.18 | 166.14 9.43 -76.10 | 142.54 11.63 -27.95 |
| RENSSELAER___COGEN 23796 | 115.24 3.72 -22.96 | 106.15 3.82 -15.48 | 102.33 3.63 -12.25 | 102.04 3.54 -12.28 | 99.48 3.77 -5.90 | 87.38 3.76 0.00 | 89.24 3.51 0.00 | 100.09 3.56 -11.71 | 123.53 3.56 -31.04 | 134.16 3.60 -40.59 | 154.43 4.40 -45.26 | 161.96 4.65 -46.56 | 168.53 5.57 -36.37 | 182.41 5.52 -48.61 | 193.80 5.08 -64.70 | 187.02 5.31 -52.29 | 191.89 5.14 -58.19 | 195.73 4.93 -70.47 | 176.45 4.92 -54.45 | 163.14 4.52 -53.50 | 162.76 4.31 -55.72 | 153.69 3.82 -56.58 | 125.27 3.22 -41.44 | 136.93 4.22 -29.75 |
| REVERE_CPPR_DRP 24186 | 89.89 1.33 0.00 | 87.79 0.96 0.00 | 87.14 0.69 0.00 | 86.75 0.52 0.00 | 90.35 0.54 0.00 | 84.54 0.92 0.00 | 86.58 0.86 0.00 | 85.84 1.02 0.00 | 90.71 1.78 0.00 | 92.04 2.07 0.00 | 107.60 2.83 0.00 | 113.63 2.88 0.00 | 130.39 3.80 0.00 | 132.14 3.85 0.00 | 126.37 2.36 0.00 | 132.01 2.59 0.00 | 131.26 2.70 0.00 | 122.97 2.65 0.00 | 120.24 3.16 0.00 | 107.85 2.73 0.00 | 105.30 2.57 0.00 | 95.61 2.33 0.00 | 82.06 1.45 0.00 | 104.30 1.34 0.00 |
| ROCHESTER_9_IC 23652 | 85.55 -5.05 -2.04 | 82.83 -5.38 -1.38 | 81.57 -5.97 -1.09 | 79.54 -6.73 -0.04 | 83.33 -7.00 -0.52 | 79.44 -4.18 0.00 | 80.58 -5.14 0.00 | 78.18 -6.19 0.45 | 85.86 -5.96 -2.89 | 88.44 -5.13 -3.60 | 103.66 -5.13 -4.02 | 110.01 -4.87 -4.14 | 124.76 -5.06 -3.23 | 127.33 -5.26 -4.30 | 124.77 -4.96 -5.72 | 128.69 -5.31 -4.57 | 128.22 -5.40 -5.06 | 121.75 -4.81 -6.24 | 117.00 -4.92 -4.84 | 105.46 -4.42 -4.75 | 103.88 -3.80 -4.95 | 94.39 -3.92 -5.03 | 80.74 -3.55 -3.68 | 100.56 -5.04 -2.64 |
| ROSETON___1 23587 | 114.38 7.70 -18.11 | 106.00 6.95 -12.21 | 103.02 6.92 -9.66 | 102.46 6.55 -9.68 | 101.11 6.65 -4.65 | 90.14 6.52 0.00 | 92.24 6.52 0.00 | 101.09 7.04 -9.23 | 120.97 7.65 -24.40 | 129.80 7.83 -32.01 | 149.68 9.22 -35.69 | 157.65 10.19 -36.72 | 167.17 11.90 -28.68 | 182.38 12.44 -41.65 | 192.17 11.91 -56.25 | 197.06 12.68 -54.95 | 206.25 12.47 -65.22 | 191.72 11.55 -59.84 | 171.26 11.24 -42.95 | 157.09 9.78 -42.19 | 155.91 9.25 -43.94 | 146.39 8.49 -44.62 | 120.54 7.25 -32.68 | 135.48 9.06 -23.46 |
| ROSETON___2 23588 | 114.38 7.70 -18.11 | 106.00 6.95 -12.21 | 103.02 6.92 -9.66 | 102.46 6.55 -9.68 | 101.11 6.65 -4.65 | 90.14 6.52 0.00 | 92.24 6.52 0.00 | 101.09 7.04 -9.23 | 120.97 7.65 -24.40 | 129.80 7.83 -32.01 | 149.68 9.22 -35.69 | 157.65 10.19 -36.72 | 167.17 11.90 -28.68 | 182.38 12.44 -41.65 | 192.17 11.91 -56.25 | 197.06 12.68 -54.95 | 206.25 12.47 -65.22 | 191.72 11.55 -59.84 | 171.26 11.24 -42.95 | 157.09 9.78 -42.19 | 155.91 9.25 -43.94 | 146.39 8.49 -44.62 | 120.54 7.25 -32.68 | 135.48 9.06 -23.46 |
| RUSSELL___1 23602 | 87.57 -3.01 -2.02 | 84.81 -3.39 -1.36 | 83.46 -4.06 -1.08 | 81.34 -4.92 -0.02 | 85.12 -5.21 -0.52 | 81.19 -2.42 0.00 | 82.38 -3.34 0.00 | 80.19 -4.16 0.47 | 88.26 -3.56 -2.89 | 91.11 -2.43 -3.57 | 107.18 -1.57 -3.98 | 113.85 -1.00 -4.09 | 130.17 0.38 -3.20 | 132.93 0.38 -4.26 | 129.30 -0.37 -5.66 | 133.56 -0.39 -4.53 | 132.93 -0.64 -5.01 | 126.14 -0.36 -6.17 | 121.87 0.00 -4.79 | 109.72 -0.11 -4.70 | 107.32 -0.31 -4.90 | 97.51 -0.75 -4.98 | 83.12 -1.13 -3.64 | 103.31 -2.27 -2.62 |
| RUSSELL___2 23532 | 87.57 -3.01 -2.02 | 84.81 -3.39 -1.36 | 83.46 -4.06 -1.08 | 81.34 -4.92 -0.02 | 85.12 -5.21 -0.52 | 81.19 -2.42 0.00 | 82.38 -3.34 0.00 | 80.19 -4.16 0.47 | 88.26 -3.56 -2.89 | 91.11 -2.43 -3.57 | 107.18 -1.57 -3.98 | 113.85 -1.00 -4.09 | 130.17 0.38 -3.20 | 132.93 0.38 -4.26 | 129.30 -0.37 -5.66 | 133.56 -0.39 -4.53 | 132.93 -0.64 -5.01 | 126.14 -0.36 -6.17 | 121.87 0.00 -4.79 | 109.72 -0.11 -4.70 | 107.32 -0.31 -4.90 | 97.51 -0.75 -4.98 | 83.12 -1.13 -3.64 | 103.31 -2.27 -2.62 |
| RUSSELL___3 23549 | 85.91 -4.69 -2.04 | 83.26 -4.95 -1.37 | 82.00 -5.53 -1.09 | 79.89 -6.38 -0.04 | 83.68 -6.65 -0.52 | 79.77 -3.85 0.00 | 80.92 -4.80 0.00 | 78.60 -5.77 0.45 | 86.31 -5.51 -2.90 | 88.98 -4.59 -3.60 | 104.28 -4.51 -4.02 | 110.67 -4.21 -4.13 | 125.77 -4.05 -3.23 | 128.48 -4.11 -4.29 | 125.51 -4.22 -5.71 | 129.46 -4.53 -4.57 | 128.99 -4.63 -5.06 | 122.46 -4.09 -6.23 | 118.05 -3.86 -4.83 | 106.40 -3.47 -4.75 | 104.49 -3.18 -4.94 | 94.94 -3.36 -5.02 | 81.14 -3.14 -3.68 | 101.17 -4.43 -2.64 |
| RUSSELL___4 23556 | 87.57 -3.01 -2.02 | 84.81 -3.39 -1.36 | 83.38 -4.15 -1.08 | 81.34 -4.92 -0.02 | 85.12 -5.21 -0.52 | 81.11 -2.51 0.00 | 82.30 -3.43 0.00 | 80.11 -4.24 0.47 | 88.17 -3.65 -2.89 | 91.11 -2.43 -3.57 | 107.07 -1.68 -3.98 | 113.74 -1.11 -4.09 | 130.04 0.25 -3.20 | 132.80 0.26 -4.26 | 129.30 -0.37 -5.66 | 133.43 -0.52 -4.53 | 132.80 -0.77 -5.01 | 126.02 -0.48 -6.17 | 121.87 0.00 -4.79 | 109.61 -0.21 -4.70 | 107.22 -0.41 -4.90 | 97.42 -0.84 -4.98 | 83.04 -1.21 -3.64 | 103.31 -2.27 -2.62 |
| RUSSELL___STATION 23914 | 85.91 -4.69 -2.04 | 83.26 -4.95 -1.37 | 82.00 -5.53 -1.09 | 79.89 -6.38 -0.04 | 83.68 -6.65 -0.52 | 79.77 -3.85 0.00 | 80.92 -4.80 0.00 | 78.60 -5.77 0.45 | 86.31 -5.51 -2.90 | 88.98 -4.59 -3.60 | 104.28 -4.51 -4.02 | 110.67 -4.21 -4.13 | 125.77 -4.05 -3.23 | 128.48 -4.11 -4.29 | 125.51 -4.22 -5.71 | 129.46 -4.53 -4.57 | 128.99 -4.63 -5.06 | 122.46 -4.09 -6.23 | 118.05 -3.86 -4.83 | 106.40 -3.47 -4.75 | 104.49 -3.18 -4.94 | 94.94 -3.36 -5.02 | 81.14 -3.14 -3.68 | 101.17 -4.43 -2.64 |
| S SALMON___HYD 24043 | 88.56 -1.15 -1.15 | 86.05 -1.56 -0.77 | 85.25 -1.82 -0.61 | 84.86 -1.98 -0.61 | 88.04 -2.07 -0.29 | 82.20 -1.42 0.00 | 84.35 -1.37 0.00 | 84.05 -1.36 -0.59 | 89.50 -0.98 -1.55 | 90.83 -1.17 -2.03 | 105.88 -1.15 -2.26 | 111.75 -1.33 -2.33 | 127.14 -1.27 -1.82 | 129.30 -1.41 -2.42 | 125.25 -1.98 -3.22 | 129.93 -2.07 -2.57 | 129.61 -1.80 -2.85 | 122.27 -1.56 -3.51 | 118.51 -1.29 -2.72 | 106.53 -1.26 -2.67 | 104.59 -0.92 -2.78 | 95.46 -0.65 -2.83 | 81.87 -0.81 -2.07 | 103.00 -1.44 -1.49 |

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|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| SELKIRK__II 23799 | 114.26 2.83 -22.86 | 105.04 2.78 -15.42 | 101.41 2.77 -12.20 | 101.13 2.67 -12.23 | 98.56 2.87 -5.88 | 86.38 2.76 0.00 | 88.21 2.49 0.00 | 99.11 2.63 -11.66 | 122.59 2.76 -30.91 | 133.17 2.79 -40.41 | 153.19 3.35 -45.07 | 160.65 3.54 -46.36 | 166.86 4.05 -36.21 | 180.59 4.11 -48.20 | 191.96 3.84 -64.10 | 184.81 4.14 -51.24 | 189.32 3.99 -56.77 | 194.08 3.85 -69.91 | 174.93 3.63 -54.22 | 161.75 3.36 -53.27 | 161.50 3.29 -55.48 | 152.61 2.99 -56.34 | 124.36 2.50 -41.26 | 135.87 3.29 -29.62 |
| SELKIRK__I 23801 | 115.09 3.72 -22.81 | 105.95 3.73 -15.38 | 102.25 3.63 -12.17 | 101.96 3.54 -12.20 | 99.44 3.77 -5.86 | 87.13 3.51 0.00 | 88.81 3.09 0.00 | 99.59 3.14 -11.63 | 123.05 3.29 -30.83 | 133.61 3.33 -40.31 | 153.71 3.98 -44.96 | 161.20 4.21 -46.24 | 167.91 5.19 -36.12 | 181.63 5.26 -48.08 | 192.79 4.84 -63.94 | 185.59 5.05 -51.11 | 190.20 5.01 -56.63 | 194.75 4.69 -69.74 | 175.85 4.68 -54.09 | 162.46 4.20 -53.14 | 161.98 3.90 -55.34 | 153.03 3.54 -56.20 | 124.82 3.06 -41.16 | 136.31 3.81 -29.55 |
| SENECA OSWGO__HYD 24041 | 88.23 -1.68 -1.35 | 85.84 -1.91 -0.91 | 85.10 -2.07 -0.72 | 84.71 -2.24 -0.72 | 87.82 -2.33 -0.35 | 81.95 -1.67 0.00 | 83.84 -1.89 0.00 | 83.56 -1.95 -0.69 | 89.07 -1.69 -1.83 | 90.83 -1.53 -2.39 | 105.86 -1.57 -2.67 | 111.94 -1.55 -2.74 | 127.72 -1.01 -2.14 | 130.11 -1.03 -2.85 | 126.19 -1.61 -3.79 | 130.77 -1.68 -3.03 | 130.25 -1.67 -3.36 | 122.90 -1.56 -4.13 | 119.23 -1.05 -3.21 | 107.33 -0.95 -3.15 | 104.88 -1.13 -3.28 | 95.40 -1.21 -3.33 | 81.84 -1.21 -2.44 | 102.86 -1.85 -1.75 |
| SENECA__ENERGY 23797 | 86.80 -3.90 -2.13 | 84.11 -4.17 -1.44 | 83.00 -4.58 -1.14 | 82.30 -5.09 -1.16 | 85.15 -5.21 -0.55 | 80.02 -3.60 0.00 | 81.61 -4.11 0.00 | 81.44 -4.50 -1.12 | 87.72 -4.00 -2.80 | 90.14 -3.60 -3.77 | 105.30 -3.67 -4.20 | 111.30 -3.77 -4.32 | 126.30 -3.67 -3.37 | 129.19 -3.59 -4.49 | 126.14 -3.84 -5.97 | 130.19 -4.01 -4.78 | 129.87 -3.99 -5.29 | 123.23 -3.61 -6.51 | 118.62 -3.51 -5.05 | 106.93 -3.15 -4.96 | 104.92 -2.98 -5.17 | 95.64 -2.89 -5.25 | 81.63 -2.82 -3.84 | 101.60 -4.12 -2.76 |
| SHOEMAKER__GT 23640 | 112.23 7.00 -16.67 | 104.33 6.25 -11.24 | 101.57 6.22 -8.89 | 101.00 5.86 -8.91 | 100.02 5.93 -4.28 | 89.47 5.85 0.00 | 91.55 5.83 0.00 | 99.59 6.28 -8.49 | 118.31 6.94 -22.45 | 126.63 7.20 -29.46 | 146.22 8.59 -32.86 | 154.07 9.52 -33.80 | 164.39 11.39 -26.40 | 178.68 11.93 -38.46 | 187.52 11.53 -51.97 | 192.66 12.17 -51.07 | 201.24 11.96 -60.72 | 186.63 11.07 -55.24 | 167.38 10.77 -39.53 | 153.31 9.36 -38.84 | 151.91 8.73 -40.45 | 142.38 8.02 -41.08 | 117.38 6.69 -30.08 | 132.79 8.24 -21.59 |
| SHOREHAM_IC_1 23715 | 139.71 12.40 -38.75 | 126.30 11.81 -27.65 | 115.18 12.28 -16.45 | 107.68 11.73 -9.72 | 106.07 11.59 -4.67 | 94.82 11.21 0.00 | 95.50 9.77 0.00 | 111.06 12.04 -14.20 | 145.45 12.98 -43.54 | 156.65 13.50 -53.19 | 169.57 16.45 -48.35 | 181.79 17.72 -53.32 | 215.23 20.25 -68.38 | 283.60 21.42 -133.89 | 345.27 18.60 -202.65 | 345.27 20.19 -195.65 | 366.50 19.80 -218.14 | 345.32 17.21 -207.79 | 256.18 19.32 -119.78 | 187.19 16.82 -65.25 | 177.22 16.03 -58.46 | 179.81 14.37 -72.16 | 172.88 11.77 -80.51 | 154.44 14.41 -37.07 |
| SHOREHAM_IC_2 23716 | 139.71 12.40 -38.75 | 126.30 11.81 -27.65 | 115.18 12.28 -16.45 | 107.68 11.73 -9.72 | 106.07 11.59 -4.67 | 94.82 11.21 0.00 | 95.50 9.77 0.00 | 111.06 12.04 -14.20 | 145.45 12.98 -43.54 | 156.65 13.50 -53.19 | 169.57 16.45 -48.35 | 181.79 17.72 -53.32 | 215.23 20.25 -68.38 | 283.60 21.42 -133.89 | 345.27 18.60 -202.65 | 345.27 20.19 -195.65 | 366.50 19.80 -218.14 | 345.32 17.21 -207.79 | 256.18 19.32 -119.78 | 187.19 16.82 -65.25 | 177.22 16.03 -58.46 | 179.81 14.37 -72.16 | 172.88 11.77 -80.51 | 154.44 14.41 -37.07 |
| SISSONVILLE____ 23735 | 87.15 -1.42 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.45 -2.17 0.00 | 84.18 -1.54 0.00 | 83.55 -1.27 0.00 | 87.50 -1.42 0.00 | 88.62 -1.35 0.00 | 102.36 -2.41 0.00 | 106.87 -3.88 0.00 | 120.90 -5.70 0.00 | 122.26 -6.03 0.00 | 118.19 -5.83 0.00 | 122.18 -7.25 0.00 | 123.42 -5.14 0.00 | 114.31 -6.02 0.00 | 113.92 -3.16 0.00 | 102.07 -3.05 0.00 | 99.65 -3.08 0.00 | 90.11 -3.17 0.00 | 78.03 -2.58 0.00 | 100.59 -2.37 0.00 |
| SITHE_IND_GS1 24169 | 87.02 -2.66 -1.12 | 84.90 -2.69 -0.75 | 84.19 -2.85 -0.60 | 83.81 -3.02 -0.60 | 86.95 -3.14 -0.29 | 81.19 -2.42 0.00 | 83.07 -2.66 0.00 | 82.51 -2.88 -0.57 | 87.68 -2.76 -1.51 | 89.33 -2.61 -1.97 | 104.04 -2.93 -2.20 | 110.02 -2.99 -2.26 | 125.07 -3.29 -1.77 | 127.31 -3.34 -2.35 | 123.92 -3.22 -3.13 | 128.56 -3.37 -2.50 | 127.86 -3.47 -2.77 | 120.61 -3.13 -3.41 | 116.68 -3.04 -2.65 | 104.99 -2.73 -2.60 | 102.87 -2.57 -2.71 | 93.61 -2.43 -2.75 | 80.44 -2.18 -2.01 | 101.52 -2.88 -1.45 |
| SITHE_IND_GS2 24170 | 87.02 -2.66 -1.12 | 84.90 -2.69 -0.75 | 84.19 -2.85 -0.60 | 83.81 -3.02 -0.60 | 86.95 -3.14 -0.29 | 81.19 -2.42 0.00 | 83.07 -2.66 0.00 | 82.51 -2.88 -0.57 | 87.68 -2.76 -1.51 | 89.33 -2.61 -1.97 | 104.04 -2.93 -2.20 | 110.02 -2.99 -2.26 | 125.07 -3.29 -1.77 | 127.31 -3.34 -2.35 | 123.92 -3.22 -3.13 | 128.56 -3.37 -2.50 | 127.86 -3.47 -2.77 | 120.61 -3.13 -3.41 | 116.68 -3.04 -2.65 | 104.99 -2.73 -2.60 | 102.87 -2.57 -2.71 | 93.61 -2.43 -2.75 | 80.44 -2.18 -2.01 | 101.52 -2.88 -1.45 |
| SITHE_IND_GS3 24171 | 87.02 -2.66 -1.12 | 84.90 -2.69 -0.75 | 84.19 -2.85 -0.60 | 83.81 -3.02 -0.60 | 86.95 -3.14 -0.29 | 81.19 -2.42 0.00 | 83.07 -2.66 0.00 | 82.51 -2.88 -0.57 | 87.68 -2.76 -1.51 | 89.33 -2.61 -1.97 | 104.04 -2.93 -2.20 | 110.02 -2.99 -2.26 | 125.07 -3.29 -1.77 | 127.31 -3.34 -2.35 | 123.92 -3.22 -3.13 | 128.56 -3.37 -2.50 | 127.86 -3.47 -2.77 | 120.61 -3.13 -3.41 | 116.68 -3.04 -2.65 | 104.99 -2.73 -2.60 | 102.87 -2.57 -2.71 | 93.61 -2.43 -2.75 | 80.44 -2.18 -2.01 | 101.52 -2.88 -1.45 |
| SITHE_IND_GS4 24172 | 87.02 -2.66 -1.12 | 84.90 -2.69 -0.75 | 84.19 -2.85 -0.60 | 83.81 -3.02 -0.60 | 86.95 -3.14 -0.29 | 81.19 -2.42 0.00 | 83.07 -2.66 0.00 | 82.51 -2.88 -0.57 | 87.68 -2.76 -1.51 | 89.33 -2.61 -1.97 | 104.04 -2.93 -2.20 | 110.02 -2.99 -2.26 | 125.07 -3.29 -1.77 | 127.31 -3.34 -2.35 | 123.92 -3.22 -3.13 | 128.56 -3.37 -2.50 | 127.86 -3.47 -2.77 | 120.61 -3.13 -3.41 | 116.68 -3.04 -2.65 | 104.99 -2.73 -2.60 | 102.87 -2.57 -2.71 | 93.61 -2.43 -2.75 | 80.44 -2.18 -2.01 | 101.52 -2.88 -1.45 |
| SITHE__BATAVIA 24024 | 83.31 -7.62 -2.36 | 80.53 -7.90 -1.59 | 79.07 -8.65 -1.26 | 76.76 -9.74 -0.28 | 80.36 -10.06 -0.61 | 77.68 -5.94 0.00 | 78.44 -7.29 0.00 | 75.46 -9.16 0.20 | 81.34 -9.16 -1.57 | 85.69 -8.46 -4.18 | 100.31 -9.11 -4.66 | 106.46 -9.08 -4.79 | 120.34 -10.00 -3.74 | 123.01 -10.26 -4.98 | 120.72 -9.92 -6.63 | 124.11 -10.61 -5.30 | 123.37 -11.06 -5.87 | 117.93 -9.63 -7.23 | 113.20 -9.48 -5.61 | 102.43 -8.20 -5.51 | 100.97 -7.50 -5.74 | 91.74 -7.37 -5.82 | 78.66 -6.21 -4.27 | 98.09 -7.93 -3.06 |
| SITHE__INDEPEND 23800 | 87.02 -2.66 -1.12 | 84.90 -2.69 -0.75 | 84.19 -2.85 -0.60 | 83.81 -3.02 -0.60 | 86.95 -3.14 -0.29 | 81.19 -2.42 0.00 | 83.07 -2.66 0.00 | 82.51 -2.88 -0.57 | 87.68 -2.76 -1.51 | 89.33 -2.61 -1.97 | 104.04 -2.93 -2.20 | 110.02 -2.99 -2.26 | 125.07 -3.29 -1.77 | 127.31 -3.34 -2.35 | 123.92 -3.22 -3.13 | 128.56 -3.37 -2.50 | 127.86 -3.47 -2.77 | 120.61 -3.13 -3.41 | 116.68 -3.04 -2.65 | 104.99 -2.73 -2.60 | 102.87 -2.57 -2.71 | 93.61 -2.43 -2.75 | 80.44 -2.18 -2.01 | 101.52 -2.88 -1.45 |
| SITHE__MASSENA 23902 | 86.79 -1.77 0.00 | 85.36 -1.48 0.00 | 85.15 -1.30 0.00 | 85.11 -1.12 0.00 | 88.73 -1.08 0.00 | 81.36 -2.26 0.00 | 83.92 -1.80 0.00 | 83.21 -1.61 0.00 | 87.06 -1.87 0.00 | 88.17 -1.80 0.00 | 102.15 -2.62 0.00 | 107.43 -3.32 0.00 | 122.67 -3.92 0.00 | 123.93 -4.36 0.00 | 119.67 -4.34 0.00 | 124.64 -4.79 0.00 | 124.32 -4.24 0.00 | 115.87 -4.45 0.00 | 113.80 -3.28 0.00 | 102.18 -2.94 0.00 | 99.34 -3.39 0.00 | 90.02 -3.26 0.00 | 77.95 -2.66 0.00 | 100.49 -2.47 0.00 |
| SITHE__OGDNSBRG 24021 | 87.59 -0.97 0.00 | 86.06 -0.78 0.00 | 85.85 -0.61 0.00 | 85.80 -0.43 0.00 | 89.45 -0.36 0.00 | 81.86 -1.76 0.00 | 84.61 -1.11 0.00 | 84.14 -0.68 0.00 | 88.30 -0.62 0.00 | 89.43 -0.54 0.00 | 103.72 -1.05 0.00 | 108.76 -1.99 0.00 | 123.81 -2.79 0.00 | 124.95 -3.34 0.00 | 120.42 -3.60 0.00 | 125.15 -4.27 0.00 | 125.22 -3.34 0.00 | 116.72 -3.61 0.00 | 114.97 -2.11 0.00 | 103.12 -2.00 0.00 | 100.47 -2.26 0.00 | 91.14 -2.15 0.00 | 78.59 -2.02 0.00 | 101.21 -1.75 0.00 |

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| SITHE___STERLING 23777 | 89.91 0.89 -0.46 | 87.67 0.52 -0.31 | 86.96 0.26 -0.25 | 86.56 0.09 -0.25 | 90.02 0.09 -0.12 | 84.21 0.59 0.00 | 86.15 0.43 0.00 | 85.57 0.51 -0.24 | 90.71 1.16 -0.63 | 92.23 1.44 -0.82 | 107.78 2.10 -0.91 | 113.91 2.21 -0.94 | 130.37 3.04 -0.74 | 132.35 3.08 -0.98 | 127.30 1.98 -1.30 | 132.54 2.07 -1.04 | 131.90 2.19 -1.15 | 123.91 2.17 -1.42 | 120.64 2.46 -1.10 | 108.30 2.10 -1.08 | 105.91 2.05 -1.13 | 96.20 1.77 -1.14 | 82.57 1.13 -0.84 | 104.49 0.93 -0.60 |
| SOUTH CAIRO___GT 23612 | 117.15 8.24 -20.35 | 108.20 7.64 -13.72 | 104.82 7.52 -10.85 | 104.35 7.24 -10.88 | 102.58 7.54 -5.23 | 90.89 7.27 0.00 | 92.93 7.20 0.00 | 102.74 7.55 -10.37 | 124.63 8.27 -27.43 | 134.66 8.73 -35.96 | 155.46 10.58 -40.11 | 163.85 11.85 -41.26 | 173.38 14.56 -32.23 | 187.69 15.14 -44.26 | 197.73 14.51 -59.21 | 195.96 15.27 -51.26 | 201.98 14.91 -58.50 | 198.14 13.84 -63.98 | 179.15 13.82 -48.25 | 164.61 12.09 -47.41 | 163.09 10.99 -49.37 | 153.40 9.98 -50.14 | 125.62 8.30 -36.72 | 139.41 10.09 -26.36 |
| SOUTH HAMPTN___IC 23720 | 142.63 15.32 -38.75 | 128.82 14.33 -27.65 | 117.42 14.52 -16.45 | 109.92 13.97 -9.72 | 108.22 13.74 -4.67 | 96.83 13.21 0.00 | 97.64 11.92 0.00 | 113.60 14.59 -14.19 | 148.66 16.18 -43.54 | 160.43 17.27 -53.19 | 174.50 21.37 -48.35 | 187.44 23.37 -53.32 | 221.69 26.71 -68.38 | 290.40 28.22 -133.89 | 353.21 26.54 -202.65 | 352.78 27.70 -195.65 | 374.09 27.38 -218.14 | 353.50 25.39 -207.79 | 262.50 25.64 -119.78 | 192.55 22.18 -65.25 | 182.35 21.16 -58.46 | 184.29 18.84 -72.16 | 176.35 15.23 -80.51 | 158.25 18.22 -37.07 |
| SOUTHOLD___IC 23719 | 148.92 21.61 -38.75 | 134.38 19.89 -27.65 | 122.69 19.80 -16.45 | 115.01 19.06 -9.72 | 113.34 18.86 -4.67 | 101.60 17.98 0.00 | 102.70 16.97 0.00 | 119.37 20.36 -14.19 | 155.95 23.48 -43.54 | 168.88 25.73 -53.19 | 185.39 32.27 -48.35 | 199.73 35.66 -53.32 | 238.40 43.42 -68.38 | 308.24 46.06 -133.89 | 365.73 39.06 -202.65 | 366.11 41.03 -195.65 | 387.59 40.88 -218.14 | 366.14 38.02 -207.79 | 279.01 42.15 -119.78 | 206.64 36.27 -65.25 | 193.24 32.05 -58.46 | 193.62 28.17 -72.16 | 183.69 22.57 -80.51 | 166.49 26.46 -37.07 |
| ST LAWRENCE___ 23600 | 86.26 -2.30 0.00 | 84.93 -1.91 0.00 | 84.72 -1.73 0.00 | 84.76 -1.47 0.00 | 88.28 -1.53 0.00 | 80.94 -2.68 0.00 | 83.50 -2.23 0.00 | 82.87 -1.95 0.00 | 86.62 -2.31 0.00 | 87.45 -2.52 0.00 | 101.42 -3.35 0.00 | 106.98 -3.77 0.00 | 122.16 -4.43 0.00 | 123.54 -4.75 0.00 | 119.43 -4.59 0.00 | 124.51 -4.92 0.00 | 123.93 -4.63 0.00 | 115.75 -4.57 0.00 | 113.22 -3.86 0.00 | 101.65 -3.47 0.00 | 98.93 -3.80 0.00 | 89.83 -3.45 0.00 | 77.78 -2.82 0.00 | 99.97 -2.99 0.00 |
| STATION 5_MISC_HYD 23604 | 87.48 -3.10 -2.01 | 84.55 -3.65 -1.36 | 83.03 -4.50 -1.07 | 80.90 -5.35 -0.02 | 84.67 -5.66 -0.52 | 80.78 -2.84 0.00 | 82.12 -3.60 0.00 | 80.10 -4.24 0.48 | 88.61 -3.20 -2.89 | 91.91 -1.62 -3.56 | 108.53 -0.21 -3.97 | 115.50 0.66 -4.08 | 132.06 2.28 -3.19 | 134.97 2.44 -4.25 | 132.02 2.36 -5.65 | 136.53 2.59 -4.51 | 135.75 2.19 -5.00 | 128.41 1.93 -6.16 | 123.49 1.64 -4.78 | 110.76 0.95 -4.69 | 108.44 0.82 -4.89 | 98.43 0.19 -4.96 | 83.59 -0.64 -3.63 | 103.61 -1.96 -2.61 |
| STEEL___WIND 323596 | 81.81 -9.56 -2.81 | 78.92 -9.81 -1.89 | 77.23 -10.72 -1.50 | 75.11 -11.73 -0.61 | 78.40 -12.12 -0.72 | 75.93 -7.69 0.00 | 76.55 -9.17 0.00 | 73.79 -11.20 -0.17 | 78.26 -11.56 -0.90 | 83.78 -11.16 -4.96 | 97.84 -12.47 -5.54 | 103.71 -12.74 -5.69 | 116.61 -14.43 -4.45 | 119.46 -14.75 -5.92 | 117.87 -14.01 -7.87 | 120.96 -14.75 -6.29 | 119.98 -15.56 -6.97 | 115.31 -13.60 -8.59 | 110.27 -13.46 -6.66 | 99.99 -11.67 -6.54 | 99.06 -10.48 -6.81 | 90.13 -10.07 -6.92 | 77.37 -8.30 -5.07 | 96.30 -10.30 -3.64 |
| STURGEON_POOL_HYD 23609 | 117.24 10.01 -18.67 | 108.46 9.03 -12.59 | 105.31 8.90 -9.96 | 104.74 8.54 -9.98 | 103.32 8.71 -4.80 | 92.07 8.45 0.00 | 94.21 8.49 0.00 | 103.33 8.99 -9.51 | 123.96 9.87 -25.16 | 133.22 10.26 -33.00 | 153.83 12.26 -36.80 | 162.33 13.73 -37.85 | 173.63 17.47 -29.57 | 187.88 18.22 -41.38 | 196.29 16.74 -55.53 | 197.48 17.86 -50.20 | 204.18 17.48 -58.14 | 196.13 16.12 -59.68 | 178.09 16.74 -44.27 | 163.12 14.51 -43.49 | 160.66 12.64 -45.30 | 150.94 11.66 -46.00 | 124.05 9.75 -33.69 | 138.98 11.84 -24.18 |
| SYRACUSE___ENERGY_ST1 323597 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| SYRACUSE___ENERGY_ST2 323598 | 89.00 -1.24 -1.68 | 86.50 -1.48 -1.13 | 85.70 -1.64 -0.90 | 85.24 -1.90 -0.91 | 88.26 -1.98 -0.43 | 82.37 -1.25 0.00 | 84.27 -1.46 0.00 | 84.09 -1.61 -0.88 | 89.95 -1.24 -2.27 | 91.95 -0.99 -2.97 | 107.14 -0.94 -3.31 | 113.27 -0.89 -3.40 | 128.49 -0.76 -2.66 | 131.06 -0.77 -3.54 | 127.98 -0.74 -4.71 | 132.41 -0.78 -3.76 | 131.83 -0.90 -4.17 | 124.74 -0.72 -5.13 | 120.24 -0.82 -3.98 | 108.30 -0.74 -3.91 | 106.19 -0.62 -4.07 | 96.77 -0.65 -4.14 | 82.91 -0.73 -3.03 | 103.90 -1.24 -2.18 |
| SYRACUSE___POWER 24017 | 89.29 -0.89 -1.62 | 86.71 -1.22 -1.09 | 85.84 -1.47 -0.86 | 85.37 -1.72 -0.87 | 88.43 -1.80 -0.42 | 82.62 -1.00 0.00 | 84.44 -1.29 0.00 | 84.29 -1.36 -0.83 | 90.22 -0.89 -2.19 | 92.20 -0.63 -2.86 | 107.54 -0.42 -3.19 | 113.70 -0.33 -3.28 | 129.03 -0.13 -2.56 | 131.70 0.00 -3.41 | 128.30 -0.25 -4.54 | 132.79 -0.26 -3.63 | 132.32 -0.26 -4.02 | 125.03 -0.24 -4.95 | 120.68 -0.23 -3.84 | 108.68 -0.21 -3.77 | 106.55 -0.10 -3.93 | 97.08 -0.19 -3.99 | 83.12 -0.40 -2.92 | 104.13 -0.93 -2.10 |
| Stony___Brook 24151 | 139.98 12.66 -38.75 | 126.40 11.90 -27.66 | 114.94 12.02 -16.47 | 107.51 11.55 -9.72 | 105.80 11.32 -4.67 | 94.66 11.04 0.00 | 95.75 10.03 0.00 | 111.16 12.13 -14.21 | 145.28 12.81 -43.54 | 156.38 13.23 -53.19 | 169.15 16.72 -48.35 | 180.79 16.72 -53.32 | 214.09 19.12 -68.38 | 282.32 20.14 -133.89 | 346.14 19.47 -202.65 | 345.40 20.32 -195.65 | 366.50 19.80 -218.14 | 346.52 18.41 -207.79 | 254.89 18.03 -119.78 | 186.14 15.77 -65.25 | 176.29 15.10 -58.46 | 178.97 13.53 -72.16 | 172.72 11.61 -80.51 | 154.44 14.41 -37.07 |
| UNION___PROCESSING_DRP 323587 | 84.68 -5.93 -2.05 | 82.06 -6.17 -1.39 | 80.89 -6.66 -1.10 | 78.86 -7.42 -0.05 | 82.61 -7.72 -0.53 | 78.77 -4.85 0.00 | 79.90 -5.83 0.00 | 77.42 -6.96 0.44 | 84.86 -6.85 -2.78 | 87.48 -6.12 -3.63 | 102.32 -6.50 -4.05 | 108.49 -6.42 -4.17 | 122.89 -6.96 -3.25 | 125.44 -7.18 -4.33 | 122.96 -6.82 -5.76 | 126.78 -7.25 -4.61 | 126.21 -7.46 -5.10 | 119.99 -6.62 -6.28 | 115.40 -6.56 -4.87 | 104.13 -5.78 -4.79 | 102.48 -5.24 -4.99 | 93.12 -5.22 -5.06 | 79.80 -4.51 -3.71 | 99.55 -6.07 -2.66 |
| UPPER HUDSON___HYD 24058 | 120.78 8.32 -23.89 | 111.03 8.08 -16.11 | 106.37 7.18 -12.74 | 105.91 6.90 -12.78 | 103.58 7.63 -6.14 | 91.56 7.94 0.00 | 93.61 7.89 0.00 | 104.47 7.46 -12.19 | 129.14 7.91 -32.30 | 139.13 6.93 -42.23 | 160.25 8.38 -47.10 | 167.61 8.42 -48.45 | 172.41 7.98 -37.84 | 186.47 7.44 -50.74 | 198.03 6.45 -67.57 | 190.84 6.34 -55.07 | 196.33 6.30 -61.47 | 201.31 7.46 -73.53 | 183.10 9.37 -56.66 | 170.14 9.36 -55.67 | 169.95 9.25 -57.98 | 160.18 8.02 -58.87 | 130.57 6.85 -43.12 | 142.66 8.75 -30.95 |
| UPPER RAQUET___HYD 24056 | 87.15 -1.42 0.00 | 85.45 -1.39 0.00 | 85.24 -1.21 0.00 | 85.19 -1.03 0.00 | 88.73 -1.08 0.00 | 81.45 -2.17 0.00 | 84.18 -1.54 0.00 | 83.55 -1.27 0.00 | 87.50 -1.42 0.00 | 88.62 -1.35 0.00 | 102.36 -2.41 0.00 | 106.87 -3.88 0.00 | 120.90 -5.70 0.00 | 122.26 -6.03 0.00 | 118.19 -5.83 0.00 | 122.18 -7.25 0.00 | 123.42 -5.14 0.00 | 114.31 -6.02 0.00 | 113.92 -3.16 0.00 | 102.07 -3.05 0.00 | 99.65 -3.08 0.00 | 90.11 -3.17 0.00 | 78.03 -2.58 0.00 | 100.59 -2.37 0.00 |
| VISCHER___FERRY HYD 24020 | 118.13 6.38 -23.19 | 108.73 6.25 -15.64 | 104.61 5.79 -12.37 | 104.32 5.69 -12.40 | 101.87 6.11 -5.96 | 89.81 6.19 0.00 | 91.81 6.09 0.00 | 102.50 5.85 -11.83 | 126.32 6.05 -31.35 | 136.89 5.94 -40.99 | 157.71 7.23 -45.71 | 165.30 7.53 -47.02 | 171.93 8.61 -36.73 | 185.88 8.47 -49.12 | 197.10 7.69 -65.39 | 190.16 7.77 -52.96 | 195.26 7.71 -58.98 | 199.12 7.58 -71.21 | 180.03 7.96 -54.99 | 166.61 7.46 -54.02 | 166.19 7.19 -56.27 | 156.67 6.25 -57.14 | 127.85 5.40 -41.84 | 140.00 7.00 -30.04 |

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| WADING RIVER_IC_1 23522 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 115.00 12.10 -16.44 | 107.59 11.64 -9.72 | 105.89 11.41 -4.67 | 94.74 11.12 0.00 | 95.41 9.69 0.00 | 110.96 11.96 -14.18 | 145.37 12.89 -43.54 | 156.47 13.32 -53.19 | 169.47 16.34 -48.35 | 181.57 17.50 -53.32 | 215.23 20.25 -68.38 | 283.48 21.30 -133.89 | 346.63 19.97 -202.65 | 345.79 20.71 -195.65 | 367.02 20.31 -218.14 | 346.76 18.65 -207.79 | 256.06 19.20 -119.78 | 187.08 16.71 -65.25 | 177.01 15.82 -58.46 | 179.72 14.27 -72.16 | 172.80 11.69 -80.51 | 154.34 14.31 -37.07 |
| WADING RIVER_IC_2 23547 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 115.00 12.10 -16.44 | 107.59 11.64 -9.72 | 105.89 11.41 -4.67 | 94.74 11.12 0.00 | 95.41 9.69 0.00 | 110.96 11.96 -14.18 | 145.37 12.89 -43.54 | 156.47 13.32 -53.19 | 169.47 16.34 -48.35 | 181.57 17.50 -53.32 | 215.23 20.25 -68.38 | 283.48 21.30 -133.89 | 346.63 19.97 -202.65 | 345.79 20.71 -195.65 | 367.02 20.31 -218.14 | 346.76 18.65 -207.79 | 256.06 19.20 -119.78 | 187.08 16.71 -65.25 | 177.01 15.82 -58.46 | 179.72 14.27 -72.16 | 172.80 11.69 -80.51 | 154.34 14.31 -37.07 |
| WADING RIVER_IC_3 23601 | 139.71 12.40 -38.75 | 126.21 11.72 -27.65 | 115.00 12.10 -16.44 | 107.59 11.64 -9.72 | 105.89 11.41 -4.67 | 94.74 11.12 0.00 | 95.41 9.69 0.00 | 110.96 11.96 -14.18 | 145.37 12.89 -43.54 | 156.47 13.32 -53.19 | 169.47 16.34 -48.35 | 181.57 17.50 -53.32 | 215.23 20.25 -68.38 | 283.48 21.30 -133.89 | 346.63 19.97 -202.65 | 345.79 20.71 -195.65 | 367.02 20.31 -218.14 | 346.76 18.65 -207.79 | 256.06 19.20 -119.78 | 187.08 16.71 -65.25 | 177.01 15.82 -58.46 | 179.72 14.27 -72.16 | 172.80 11.69 -80.51 | 154.34 14.31 -37.07 |
| WALDEN___HYDRO 24148 | 114.84 8.50 -17.77 | 106.47 7.64 -11.98 | 103.45 7.52 -9.48 | 102.80 7.07 -9.50 | 101.56 7.18 -4.57 | 90.73 7.11 0.00 | 92.84 7.12 0.00 | 101.59 7.72 -9.05 | 121.41 8.54 -23.94 | 130.29 8.91 -31.41 | 150.59 10.79 -35.03 | 158.96 12.18 -36.03 | 169.05 14.31 -28.15 | 184.00 15.14 -40.57 | 193.75 15.01 -54.73 | 198.03 15.92 -52.69 | 206.50 15.68 -62.26 | 192.99 14.32 -58.34 | 172.69 13.46 -42.15 | 158.19 11.67 -41.40 | 156.95 11.09 -43.12 | 147.24 10.17 -43.79 | 121.14 8.46 -32.07 | 136.38 10.40 -23.02 |
| WARRENSBURG___ 23737 | 121.05 8.59 -23.89 | 111.29 8.34 -16.11 | 106.54 7.35 -12.74 | 106.16 7.16 -12.78 | 103.85 7.90 -6.14 | 91.81 8.19 0.00 | 93.87 8.14 0.00 | 104.73 7.72 -12.19 | 129.23 8.00 -32.30 | 138.95 6.75 -42.23 | 160.04 8.17 -47.10 | 167.28 8.08 -48.45 | 171.65 7.22 -37.84 | 185.70 6.67 -50.74 | 197.41 5.83 -67.57 | 190.19 5.69 -55.07 | 195.69 5.66 -61.47 | 201.19 7.34 -73.53 | 183.22 9.48 -56.66 | 170.46 9.67 -55.67 | 170.36 9.66 -57.98 | 160.55 8.40 -58.87 | 130.81 7.09 -43.12 | 142.97 9.06 -30.95 |
| WATERSIDE___6 8 9 23538 | 142.14 10.10 -43.48 | 132.21 9.20 -36.16 | 106.37 9.16 -10.76 | 104.67 8.71 -9.73 | 103.29 8.80 -4.68 | 92.32 8.70 -0.01 | 98.40 8.66 -4.01 | 149.95 9.33 -55.80 | 150.13 10.05 -51.16 | 160.53 10.35 -60.22 | 158.85 12.36 -41.71 | 165.37 13.40 -41.22 | 187.69 15.70 -45.40 | 208.31 16.16 -63.85 | 216.41 15.50 -76.90 | 221.79 16.31 -76.05 | 230.11 16.07 -85.48 | 215.79 15.04 -80.42 | 180.15 14.75 -48.32 | 169.42 12.93 -51.37 | 169.01 12.22 -54.06 | 176.59 11.38 -71.93 | 169.13 9.59 -78.93 | 151.56 11.94 -36.66 |
| WEST BABYLON___IC 23714 | 140.18 12.75 -38.87 | 126.61 11.64 -28.13 | 115.30 11.58 -17.27 | 107.08 11.12 -9.72 | 105.44 10.96 -4.67 | 94.24 10.62 0.00 | 95.58 9.86 0.00 | 111.75 11.79 -15.14 | 145.28 12.81 -43.54 | 156.20 13.05 -53.19 | 168.94 15.82 -48.35 | 181.57 17.50 -53.32 | 215.61 20.63 -68.38 | 283.86 21.68 -133.89 | 347.25 20.59 -202.65 | 346.69 21.61 -195.65 | 368.05 21.34 -218.14 | 347.85 19.73 -207.79 | 256.29 19.44 -119.78 | 187.29 16.92 -65.25 | 177.01 15.82 -58.46 | 179.90 14.46 -72.16 | 172.97 11.85 -80.51 | 154.75 14.72 -37.07 |
| WEST CANADA___HYD 24049 | 88.82 0.71 0.45 | 87.14 0.61 0.30 | 86.82 0.61 0.24 | 86.59 0.60 0.24 | 90.32 0.63 0.12 | 84.29 0.67 0.00 | 86.33 0.60 0.00 | 85.18 0.59 0.23 | 89.03 0.71 0.61 | 89.89 0.72 0.80 | 104.72 0.84 0.89 | 110.72 0.89 0.91 | 127.02 1.14 0.71 | 128.62 1.28 0.95 | 123.74 0.99 1.26 | 129.45 1.04 1.01 | 128.47 1.03 1.12 | 119.91 0.96 1.38 | 117.06 1.05 1.07 | 105.02 0.95 1.05 | 102.56 0.92 1.09 | 93.01 0.84 1.11 | 80.44 0.64 0.81 | 103.20 0.82 0.58 |
| WESTERN_NY_WIND 24143 | 83.16 -7.79 -2.39 | 80.46 -7.99 -1.61 | 78.91 -8.82 -1.28 | 76.70 -9.83 -0.30 | 80.27 -10.15 -0.62 | 77.60 -6.02 0.00 | 78.35 -7.37 0.00 | 75.32 -9.33 0.17 | 81.04 -9.34 -1.45 | 85.65 -8.55 -4.23 | 100.16 -9.32 -4.72 | 106.30 -9.30 -4.85 | 120.13 -10.25 -3.79 | 122.82 -10.52 -5.05 | 120.56 -10.17 -6.71 | 123.92 -10.87 -5.37 | 123.06 -11.44 -5.94 | 117.78 -9.87 -7.32 | 113.04 -9.72 -5.68 | 102.29 -8.41 -5.58 | 100.94 -7.60 -5.81 | 91.63 -7.56 -5.90 | 78.64 -6.29 -4.32 | 98.03 -8.03 -3.10 |
| YORK___WARBASSE 23770 | 196.90 10.63 -97.71 | 218.88 9.73 -122.32 | 107.07 9.60 -11.02 | 105.01 9.05 -9.73 | 103.65 9.16 -4.68 | 92.57 8.95 -0.01 | 99.64 8.92 -5.00 | 154.89 9.75 -60.32 | 187.09 10.58 -87.58 | 218.69 10.89 -117.84 | 291.16 13.10 -173.29 | 291.18 14.18 -166.26 | 291.64 16.46 -148.59 | 291.65 16.93 -146.43 | 291.65 16.12 -151.51 | 291.66 17.08 -145.15 | 291.68 16.84 -146.28 | 291.65 15.76 -155.56 | 291.64 15.34 -159.22 | 291.64 13.67 -172.85 | 291.64 12.94 -175.97 | 291.62 12.13 -186.21 | 291.16 10.16 -200.40 | 218.69 12.56 -103.17 |