

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/20/2008

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| 59TH STREET_GT_1 24138 | 86.21 6.00 -15.74 | 88.09 4.97 -24.70 | 87.67 4.78 -26.61 | 86.80 4.93 -25.21 | 84.91 4.72 -24.05 | 79.40 4.86 -16.03 | 87.78 4.65 -29.07 | 86.82 5.08 -25.27 | 107.32 5.49 -42.11 | 135.76 7.05 -58.20 | 139.48 6.20 -70.68 | 143.90 6.51 -72.24 | 151.15 6.47 -77.27 | 156.83 5.92 -90.55 | 152.23 5.98 -84.64 | 148.31 7.32 -62.26 | 138.97 9.14 -14.09 | 181.04 12.16 -18.73 | 182.22 12.47 -19.45 | 162.77 12.20 -3.57 | 175.15 10.74 -36.49 | 173.17 9.36 -70.24 | 145.66 6.73 -71.60 | 144.68 6.04 -72.22 |
| 74TH STREET_GT_1 24260 | 86.27 6.06 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.10 4.99 -21.45 | 81.38 4.77 -20.47 | 77.07 4.92 -13.63 | 84.20 4.70 -25.43 | 85.63 5.14 -24.02 | 103.61 5.55 -38.35 | 128.14 7.05 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.66 9.03 -11.89 | 178.15 12.16 -15.84 | 179.24 12.47 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.64 9.36 -59.71 | 136.13 6.73 -62.07 | 133.90 6.04 -61.44 |
| 74TH STREET_GT_2 24261 | 86.27 6.06 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.10 4.99 -21.45 | 81.38 4.77 -20.47 | 77.07 4.92 -13.63 | 84.20 4.70 -25.43 | 85.63 5.14 -24.02 | 103.61 5.55 -38.35 | 128.14 7.05 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.66 9.03 -11.89 | 178.15 12.16 -15.84 | 179.24 12.47 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.64 9.36 -59.71 | 136.13 6.73 -62.07 | 133.90 6.04 -61.44 |
| ADK HUDSON___FALLS 24011 | 89.43 4.45 -20.51 | 70.22 5.67 -6.12 | 69.13 5.23 -7.62 | 62.11 5.38 -0.06 | 61.42 5.22 -0.06 | 63.79 5.27 0.00 | 65.59 5.24 -6.29 | 83.76 5.25 -22.03 | 86.50 4.78 -22.01 | 85.97 5.92 -9.54 | 98.74 6.51 -29.63 | 94.32 6.38 -22.79 | 88.93 6.54 -14.99 | 80.65 5.98 -14.31 | 78.87 6.53 -10.73 | 86.75 8.03 0.00 | 121.30 5.56 0.00 | 157.81 7.66 0.00 | 157.06 6.76 0.00 | 153.76 6.76 0.00 | 133.67 5.76 0.00 | 102.37 8.80 0.00 | 83.69 6.19 -10.17 | 71.53 5.05 -0.06 |
| ADK RESOURCE___RCVRY 23798 | 89.43 4.45 -20.51 | 70.22 5.67 -6.12 | 69.13 5.23 -7.62 | 62.11 5.38 -0.06 | 61.42 5.22 -0.06 | 63.79 5.27 0.00 | 65.59 5.24 -6.29 | 83.76 5.25 -22.03 | 86.50 4.78 -22.01 | 85.97 5.92 -9.54 | 98.74 6.51 -29.63 | 94.32 6.38 -22.79 | 88.93 6.54 -14.99 | 80.65 5.98 -14.31 | 78.87 6.53 -10.73 | 86.75 8.03 0.00 | 121.30 5.56 0.00 | 157.81 7.66 0.00 | 157.06 6.76 0.00 | 153.76 6.76 0.00 | 133.67 5.76 0.00 | 102.37 8.80 0.00 | 83.69 6.19 -10.17 | 71.53 5.05 -0.06 |
| ADK S GLENS___FALLS 24028 | 89.43 4.45 -20.51 | 70.22 5.67 -6.12 | 69.13 5.23 -7.62 | 62.11 5.38 -0.06 | 61.42 5.22 -0.06 | 63.79 5.27 0.00 | 65.59 5.24 -6.29 | 83.76 5.25 -22.03 | 86.50 4.78 -22.01 | 85.97 5.92 -9.54 | 98.74 6.51 -29.63 | 94.32 6.38 -22.79 | 88.93 6.54 -14.99 | 80.65 5.98 -14.31 | 78.87 6.53 -10.73 | 86.75 8.03 0.00 | 121.30 5.56 0.00 | 157.81 7.66 0.00 | 157.06 6.76 0.00 | 153.76 6.76 0.00 | 133.67 5.76 0.00 | 102.37 8.80 0.00 | 83.69 6.19 -10.17 | 71.53 5.05 -0.06 |
| ADK_NYS___DAM 23527 | 90.00 5.54 -19.98 | 69.53 5.14 -5.97 | 68.54 4.84 -7.42 | 61.88 5.16 -0.06 | 61.14 4.94 -0.06 | 63.67 5.15 0.00 | 65.11 4.92 -6.13 | 83.36 5.42 -21.47 | 86.95 5.79 -21.45 | 86.86 7.05 -9.30 | 97.73 6.26 -28.87 | 93.74 6.38 -22.20 | 88.34 6.34 -14.60 | 80.16 5.86 -13.94 | 78.17 6.10 -10.45 | 86.20 7.48 0.00 | 123.15 7.41 0.00 | 160.66 10.51 0.00 | 160.22 9.92 0.00 | 156.70 9.70 0.00 | 135.97 8.06 0.00 | 102.37 8.80 0.00 | 83.77 6.53 -9.91 | 72.39 5.91 -0.06 |
| AIR_PRODUCTS___DRP 24190 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| ALBANY___1 23571 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| ALBANY___2 23572 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| ALBANY___3 23573 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| ALBANY___4 23574 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |

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| ALCOA_RYNLDS___DRP 24188 | 64.02 -0.45 0.00 | 57.78 -0.64 0.00 | 55.61 -0.68 0.00 | 54.97 -1.70 0.00 | 55.30 -0.84 0.00 | 57.23 -1.29 0.00 | 52.98 -1.08 0.00 | 55.23 -1.24 0.00 | 58.70 -1.02 0.00 | 69.17 -1.34 0.00 | 61.73 -0.88 0.00 | 64.17 -0.98 0.00 | 67.41 0.00 0.00 | 59.82 -0.54 0.00 | 60.75 -0.86 0.00 | 77.78 -0.94 0.00 | 115.63 -0.12 0.00 | 149.70 -0.45 0.00 | 149.70 -0.60 0.00 | 146.41 -0.59 0.00 | 127.27 -0.64 0.00 | 92.36 -1.22 0.00 | 66.25 -1.08 0.00 | 65.95 -0.46 0.00 |
| ALLEGHENY___COGEN 23514 | 60.50 -3.80 0.17 | 56.80 -2.51 -0.89 | 54.85 -2.53 -1.10 | 55.88 -0.79 -0.01 | 52.95 -3.20 -0.01 | 56.41 -2.11 0.00 | 44.33 -2.92 6.82 | 51.41 -2.77 2.30 | 57.36 -2.15 0.20 | 59.98 -2.26 8.27 | 60.27 -2.07 0.27 | 62.85 -2.08 0.21 | 62.95 -4.31 0.14 | 57.76 -2.48 0.14 | 57.78 -2.59 1.25 | 58.19 -4.09 16.44 | 64.52 -4.40 46.83 | 97.48 -4.65 48.01 | 103.51 -4.36 42.43 | 94.74 -4.56 47.70 | 81.52 -4.35 42.05 | 69.70 -4.87 19.01 | 64.26 -2.96 0.10 | 62.91 -3.52 -0.01 |
| AMERICAN_REF_FUEL 24010 | 55.44 -9.03 0.01 | 51.40 -7.83 -0.80 | 49.68 -7.60 -1.00 | 51.57 -5.10 -0.01 | 48.63 -7.52 -0.01 | 52.26 -6.26 0.00 | 40.59 -7.68 5.80 | 46.75 -7.91 1.81 | 50.67 -9.02 0.02 | 52.91 -10.58 7.02 | 53.12 -9.45 0.03 | 55.29 -9.84 0.02 | 54.11 -13.28 0.02 | 50.69 -9.66 0.02 | 50.64 -9.98 0.99 | 51.02 -13.62 14.09 | 57.34 -18.29 40.12 | 85.44 -23.57 41.14 | 90.50 -23.45 36.35 | 82.90 -23.23 40.87 | 71.68 -20.21 36.02 | 60.17 -17.12 16.28 | 56.61 -10.70 0.01 | 55.53 -10.89 -0.01 |
| ARTHUR_KILL_GT_1 23520 | 85.89 5.67 -15.75 | 87.39 5.55 -23.41 | 86.84 5.29 -25.27 | 85.75 5.50 -23.59 | 83.93 5.28 -22.51 | 78.78 5.27 -14.99 | 86.48 4.92 -27.50 | 86.73 5.53 -24.73 | 106.23 6.03 -40.49 | 132.77 7.33 -54.93 | 136.53 6.32 -67.61 | 140.59 6.71 -68.73 | 147.07 6.61 -73.06 | 151.86 6.04 -85.45 | 147.46 6.10 -79.75 | 144.54 7.56 -58.26 | 138.03 9.14 -13.14 | 179.50 11.86 -17.49 | 180.49 12.02 -18.16 | 162.05 11.76 -3.30 | 172.39 10.36 -34.12 | 168.56 9.26 -65.72 | 141.64 6.80 -67.51 | 140.39 6.38 -67.59 |
| ARTHUR_KILL_2 23512 | 85.89 5.67 -15.75 | 87.39 5.55 -23.41 | 86.84 5.29 -25.27 | 85.75 5.50 -23.59 | 83.93 5.28 -22.51 | 78.78 5.27 -14.99 | 86.48 4.92 -27.50 | 86.73 5.53 -24.73 | 106.23 6.03 -40.49 | 132.77 7.33 -54.93 | 136.53 6.32 -67.61 | 140.59 6.71 -68.73 | 147.07 6.61 -73.06 | 151.86 6.04 -85.45 | 147.46 6.10 -79.75 | 144.54 7.56 -58.26 | 138.03 9.14 -13.14 | 179.50 11.86 -17.49 | 180.49 12.02 -18.16 | 162.05 11.76 -3.30 | 172.39 10.36 -34.12 | 168.56 9.26 -65.72 | 141.64 6.80 -67.51 | 140.39 6.38 -67.59 |
| ARTHUR_KILL_3 23513 | 86.01 5.80 -15.74 | 86.52 4.67 -23.42 | 86.01 4.45 -25.28 | 84.91 4.65 -23.60 | 83.09 4.44 -22.52 | 78.14 4.62 -15.00 | 86.00 4.43 -27.51 | 86.01 4.80 -24.73 | 105.41 5.19 -40.50 | 132.22 6.77 -54.94 | 136.23 6.01 -67.62 | 140.27 6.38 -68.74 | 146.81 6.34 -73.06 | 151.62 5.80 -85.46 | 147.16 5.79 -79.76 | 144.16 7.16 -58.27 | 137.80 8.91 -13.15 | 179.66 12.01 -17.49 | 180.79 12.32 -18.17 | 162.35 12.05 -3.30 | 172.66 10.62 -34.13 | 168.57 9.26 -65.73 | 141.51 6.67 -67.52 | 139.93 5.91 -67.60 |
| ASHOKAN____ 23654 | 87.48 6.00 -17.01 | 69.22 5.32 -5.48 | 68.02 5.01 -6.73 | 62.41 5.21 -0.53 | 61.65 5.00 -0.51 | 64.04 5.21 -0.31 | 64.69 5.03 -5.60 | 80.30 5.42 -18.41 | 84.25 5.79 -18.74 | 86.92 7.61 -8.80 | 94.68 6.57 -25.50 | 92.08 6.97 -19.96 | 87.98 6.88 -13.70 | 80.23 6.46 -13.40 | 78.50 6.53 -10.36 | 87.84 8.11 -1.01 | 125.76 10.30 0.28 | 163.46 13.51 0.21 | 163.85 13.68 0.13 | 159.88 13.38 0.50 | 140.02 11.90 -0.21 | 104.62 9.92 -1.13 | 83.93 6.93 -9.67 | 74.10 6.24 -1.44 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT2_1 24094 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT2_2 24095 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT2_3 24096 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT2_4 24097 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT3_1 24098 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT3_2 24099 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT3_3 24100 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |

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| ASTORIA_GT3_4 24101 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT4_1 24102 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT4_2 24103 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT4_3 24104 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT4_4 24105 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT_1 23523 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT_10 24110 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| ASTORIA_GT_11 24225 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| ASTORIA_GT_12 24226 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| ASTORIA_GT_13 24227 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| ASTORIA_GT_5 24106 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT_7 24107 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA_GT_8 24108 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA___2 24149 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ASTORIA___3 23516 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| ASTORIA___4 23517 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ASTORIA___5 23518 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 203.10 11.71 -41.24 | 204.83 12.02 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| ATHENS_STG_1 23668 | 85.79 3.93 -17.39 | 67.52 3.51 -5.59 | 66.53 3.38 -6.88 | 60.78 3.57 -0.54 | 60.03 3.37 -0.52 | 62.29 3.45 -0.31 | 63.03 3.24 -5.72 | 78.79 3.50 -18.82 | 82.45 3.58 -19.16 | 84.08 4.58 -8.99 | 92.61 3.94 -26.06 | 89.71 4.17 -20.39 | 85.51 4.11 -13.99 | 77.86 3.80 -13.69 | 76.01 3.82 -10.58 | 84.39 4.64 -1.02 | 120.67 5.21 0.28 | 156.55 6.61 0.21 | 156.94 6.76 0.13 | 153.11 6.61 0.50 | 134.01 5.88 -0.21 | 100.52 5.80 -1.15 | 81.51 4.31 -9.88 | 71.94 4.05 -1.47 |
| ATHENS_STG_2 23670 | 85.79 3.93 -17.39 | 67.52 3.51 -5.59 | 66.53 3.38 -6.88 | 60.78 3.57 -0.54 | 60.03 3.37 -0.52 | 62.29 3.45 -0.31 | 63.03 3.24 -5.72 | 78.79 3.50 -18.82 | 82.45 3.58 -19.16 | 84.08 4.58 -8.99 | 92.61 3.94 -26.06 | 89.71 4.17 -20.39 | 85.51 4.11 -13.99 | 77.86 3.80 -13.69 | 76.01 3.82 -10.58 | 84.39 4.64 -1.02 | 120.67 5.21 0.28 | 156.55 6.61 0.21 | 156.94 6.76 0.13 | 153.11 6.61 0.50 | 134.01 5.88 -0.21 | 100.52 5.80 -1.15 | 81.51 4.31 -9.88 | 71.94 4.05 -1.47 |
| ATHENS_STG_3 23677 | 85.79 3.93 -17.39 | 67.52 3.51 -5.59 | 66.53 3.38 -6.88 | 60.78 3.57 -0.54 | 60.03 3.37 -0.52 | 62.29 3.45 -0.31 | 63.03 3.24 -5.72 | 78.79 3.50 -18.82 | 82.45 3.58 -19.16 | 84.08 4.58 -8.99 | 92.61 3.94 -26.06 | 89.71 4.17 -20.39 | 85.51 4.11 -13.99 | 77.86 3.80 -13.69 | 76.01 3.82 -10.58 | 84.39 4.64 -1.02 | 120.67 5.21 0.28 | 156.55 6.61 0.21 | 156.94 6.76 0.13 | 153.11 6.61 0.50 | 134.01 5.88 -0.21 | 100.52 5.80 -1.15 | 81.51 4.31 -9.88 | 71.94 4.05 -1.47 |
| BARRETT_IC_1 23704 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_10 23701 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_11 23702 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_12 23703 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_2 23705 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_3 23706 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_4 23707 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_5 23708 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_6 23709 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_7 23710 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_8 23711 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT_IC_9 23700 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| BARRETT___1 23545 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BARRETT___2 23546 | 87.89 7.67 -15.74 | 92.71 6.49 -27.80 | 82.31 5.97 -20.06 | 80.11 6.18 -17.27 | 78.69 6.06 -16.48 | 74.87 5.38 -10.97 | 80.64 5.19 -21.39 | 85.09 5.99 -22.63 | 100.68 6.81 -34.16 | 120.95 8.32 -42.12 | 124.93 6.76 -55.56 | 127.03 6.91 -54.97 | 130.74 6.81 -56.53 | 132.10 6.28 -65.45 | 128.38 6.22 -60.54 | 128.84 7.56 -42.56 | 134.46 9.26 -9.45 | 174.79 12.01 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.32 9.59 -24.81 | 150.94 9.36 -48.01 | 125.67 6.87 -51.48 | 121.85 5.98 -49.45 |
| BEAVER RIVER___HYD 24048 | 64.52 -0.32 -0.37 | 58.13 -0.41 -0.11 | 56.02 -0.39 -0.14 | 55.99 -0.68 0.00 | 55.41 -0.73 0.00 | 57.88 -0.64 0.00 | 53.69 -0.49 -0.11 | 56.59 -0.28 -0.40 | 59.99 -0.12 -0.40 | 70.75 0.07 -0.17 | 63.33 0.19 -0.54 | 65.95 0.39 -0.41 | 68.08 0.40 -0.27 | 60.75 0.12 -0.26 | 61.99 0.18 -0.19 | 77.47 -1.26 0.00 | 112.97 -2.78 0.00 | 147.00 -3.15 0.00 | 146.99 -3.31 0.00 | 143.76 -3.23 0.00 | 124.72 -3.20 0.00 | 91.70 -1.87 0.00 | 67.51 0.00 -0.18 | 65.36 -1.06 0.00 |
| BEEBEE_GT_13 23619 | 54.85 -8.77 0.86 | 53.70 -5.38 -0.65 | 51.74 -5.35 -0.81 | 52.76 -3.91 -0.01 | 48.57 -7.58 -0.01 | 51.67 -6.85 0.00 | 40.72 -6.54 6.80 | 46.40 -7.12 2.96 | 53.88 -4.90 0.94 | 56.62 -5.57 8.31 | 56.33 -5.01 1.26 | 59.03 -5.15 0.97 | 59.69 -7.08 0.64 | 54.56 -5.19 0.61 | 54.75 -5.30 1.56 | 55.51 -7.32 15.89 | 61.23 -9.26 45.25 | 93.24 -10.51 46.40 | 98.78 -10.52 41.00 | 90.17 -10.73 46.10 | 77.69 -9.59 40.63 | 66.41 -8.80 18.37 | 60.76 -6.13 0.44 | 59.85 -6.58 -0.01 |
| BETHLEHEM___GRP 23843 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| BETHLEHEM___GS1 323560 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| BETHLEHEM___GS2 323561 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| BETHLEHEM___GS3 323562 | 89.13 4.64 -20.01 | 68.78 4.38 -5.97 | 67.87 4.16 -7.43 | 61.14 4.42 -0.06 | 60.41 4.21 -0.06 | 62.85 4.33 0.00 | 64.25 4.05 -6.13 | 82.15 4.18 -21.50 | 85.61 4.42 -21.48 | 85.18 5.36 -9.31 | 96.14 4.63 -28.91 | 92.14 4.76 -22.23 | 86.81 4.79 -14.62 | 78.73 4.41 -13.96 | 76.64 4.56 -10.47 | 84.31 5.59 0.00 | 121.76 6.02 0.00 | 157.81 7.66 0.00 | 157.97 7.67 0.00 | 154.49 7.50 0.00 | 134.57 6.65 0.00 | 100.12 6.55 0.00 | 82.30 5.05 -9.93 | 71.26 4.78 -0.06 |
| BETHLEHEM___STEEL 23779 | 57.18 -7.61 -0.31 | 52.68 -6.60 -0.86 | 50.93 -6.42 -1.07 | 52.54 -4.14 -0.01 | 49.81 -6.34 -0.01 | 53.37 -5.15 0.00 | 42.28 -6.38 5.41 | 48.65 -6.44 1.38 | 52.68 -7.34 -0.32 | 55.39 -8.60 6.52 | 55.33 -7.70 -0.43 | 57.53 -7.95 -0.33 | 56.56 -11.05 -0.21 | 52.60 -7.97 -0.20 | 52.64 -8.19 0.78 | 54.01 -11.34 13.38 | 62.61 -15.05 38.09 | 92.03 -19.07 39.06 | 96.85 -18.94 34.51 | 89.53 -16.37 38.80 | 77.34 -16.37 34.20 | 64.08 -14.04 15.46 | 58.72 -8.75 -0.14 | 57.39 -9.03 -0.01 |
| BETHPAGE_CC_5 323564 | 87.44 7.22 -15.74 | 92.30 6.08 -27.80 | 81.92 5.57 -20.06 | 79.66 5.72 -17.27 | 78.29 5.67 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.63 5.53 -22.63 | 100.20 6.33 -34.16 | 120.24 7.61 -42.12 | 124.24 6.07 -55.56 | 126.31 6.19 -54.97 | 130.00 6.07 -56.53 | 131.44 5.61 -65.45 | 127.64 5.48 -60.54 | 127.66 6.38 -42.56 | 132.60 7.41 -9.45 | 172.99 10.21 -12.63 | 172.91 9.47 -13.14 | 158.95 9.70 -2.25 | 160.78 8.06 -24.81 | 149.53 7.95 -48.01 | 124.93 6.13 -51.48 | 121.12 5.25 -49.45 |
| BINGHAMTON___COGEN 23790 | 70.12 0.52 -5.13 | 60.55 0.53 -1.60 | 58.78 0.51 -2.00 | 57.87 1.19 -0.02 | 56.66 0.51 -0.02 | 59.46 0.94 0.00 | 55.66 0.54 -1.06 | 62.62 0.79 -5.35 | 65.94 0.72 -5.51 | 73.33 1.06 -1.76 | 70.83 0.81 -7.41 | 71.83 0.98 -5.70 | 71.29 0.13 -3.75 | 64.55 0.60 -3.58 | 64.83 0.62 -2.60 | 77.70 0.24 1.26 | 112.51 0.35 3.58 | 147.38 0.90 3.67 | 148.26 1.20 3.24 | 144.38 1.03 3.64 | 125.60 0.90 3.21 | 92.77 0.65 1.45 | 70.68 0.81 -2.55 | 67.03 0.60 -0.02 |
| BLACK RIVER___HYD 24047 | 64.43 -0.77 -0.73 | 57.82 -0.82 -0.22 | 55.76 -0.79 -0.27 | 55.76 -0.91 0.00 | 55.02 -1.12 0.00 | 57.58 -0.94 0.00 | 53.53 -0.76 -0.22 | 56.74 -0.51 -0.78 | 60.19 -0.30 -0.78 | 70.70 -0.14 -0.34 | 63.71 0.06 -1.05 | 66.21 0.26 -0.81 | 68.00 0.07 -0.53 | 60.75 -0.12 -0.51 | 61.93 -0.06 -0.38 | 77.07 -1.65 0.00 | 112.39 -3.36 0.00 | 146.70 -3.45 0.00 | 146.54 -3.76 0.00 | 143.47 -3.53 0.00 | 124.33 -3.58 0.00 | 91.42 -2.15 0.00 | 67.42 -0.27 -0.36 | 64.83 -1.59 0.00 |
| BLISS_WT_PWR 323608 | 61.05 -4.00 -0.58 | 55.93 -3.39 -0.89 | 54.07 -3.32 -1.11 | 55.54 -1.13 -0.01 | 52.89 -3.26 -0.01 | 56.47 -2.05 0.00 | 45.91 -3.14 5.02 | 52.93 -2.54 1.00 | 57.09 -3.22 -0.60 | 60.89 -3.60 6.02 | 60.16 -3.26 -0.82 | 62.45 -3.32 -0.63 | 61.68 -6.13 -0.41 | 57.01 -3.74 -0.39 | 57.15 -3.88 0.59 | 60.12 -5.98 12.63 | 72.73 -7.06 35.95 | 105.33 -7.96 36.86 | 110.06 -7.67 32.58 | 102.87 -7.50 36.63 | 88.72 -6.91 32.28 | 71.77 -7.21 14.59 | 63.49 -4.11 -0.28 | 61.78 -4.65 -0.01 |
| BLUE_CIRC_CHEM_DRP 24182 | 87.87 3.61 -19.79 | 67.72 3.39 -5.91 | 66.89 3.26 -7.35 | 60.12 3.40 -0.06 | 59.46 3.26 -0.06 | 61.86 3.34 0.00 | 63.21 3.08 -6.06 | 80.89 3.16 -21.26 | 84.29 3.34 -21.24 | 83.38 3.67 -9.21 | 94.32 3.13 -28.58 | 90.39 3.26 -21.98 | 85.10 3.24 -14.46 | 77.19 3.02 -13.80 | 75.04 3.08 -10.35 | 82.50 3.78 0.00 | 119.45 3.70 0.00 | 154.80 4.65 0.00 | 154.96 4.66 0.00 | 151.55 4.56 0.00 | 132.13 4.22 0.00 | 98.06 4.49 0.00 | 80.91 3.77 -9.81 | 70.13 3.65 -0.06 |
| BOC_GAS_DRP 24189 | 87.94 3.48 -19.99 | 67.61 3.21 -5.97 | 66.80 3.10 -7.42 | 60.01 3.29 -0.06 | 59.29 3.09 -0.06 | 61.74 3.22 0.00 | 63.16 2.97 -6.13 | 81.05 3.11 -21.47 | 84.39 3.22 -21.45 | 83.68 3.88 -9.30 | 94.80 3.32 -28.87 | 90.81 3.45 -22.21 | 85.38 3.37 -14.60 | 77.45 3.14 -13.94 | 75.27 3.20 -10.45 | 82.66 3.94 0.00 | 119.79 4.05 0.00 | 155.26 5.11 0.00 | 155.41 5.11 0.00 | 151.99 5.00 0.00 | 132.52 4.60 0.00 | 98.25 4.68 0.00 | 80.94 3.70 -9.91 | 70.06 3.59 -0.06 |
| BORALEX_4TH_BRANCH 23824 | 90.00 5.54 -19.98 | 69.53 5.14 -5.97 | 68.54 4.84 -7.42 | 61.88 5.16 -0.06 | 61.14 4.94 -0.06 | 63.67 5.15 0.00 | 65.11 4.92 -6.13 | 83.36 5.42 -21.47 | 86.95 5.79 -21.45 | 86.86 7.05 -9.30 | 97.73 6.26 -28.87 | 93.74 6.38 -22.20 | 88.34 6.34 -14.60 | 80.16 5.86 -13.94 | 78.17 6.10 -10.45 | 86.20 7.48 0.00 | 123.15 7.41 0.00 | 160.66 10.51 0.00 | 160.22 9.92 0.00 | 156.70 9.70 0.00 | 135.97 8.06 0.00 | 102.37 8.80 0.00 | 83.77 6.53 -9.91 | 72.39 5.91 -0.06 |

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| BOWLINE___1 23526 | 84.54 4.71 -15.36 | 62.16 3.91 0.18 | 60.81 3.77 -0.76 | 54.61 3.91 5.97 | 54.15 3.71 5.69 | 58.43 3.75 3.83 | 56.54 3.68 1.20 | 75.00 4.07 -14.46 | 74.64 4.48 -10.45 | 71.14 5.78 5.15 | 78.40 5.07 -10.72 | 74.46 5.34 -3.97 | 68.16 5.26 4.50 | 56.83 4.77 8.31 | 56.17 4.81 10.25 | 69.48 5.90 15.15 | 118.68 7.06 4.12 | 154.36 9.46 5.25 | 154.74 9.77 5.33 | 154.93 9.55 1.62 | 126.95 8.44 9.40 | 84.15 7.67 17.10 | 65.21 5.52 7.63 | 53.99 4.78 17.21 |
| BOWLINE___2 23595 | 84.54 4.71 -15.36 | 62.21 3.97 0.19 | 60.80 3.77 -0.75 | 54.60 3.91 5.98 | 54.15 3.71 5.70 | 58.43 3.75 3.83 | 56.53 3.68 1.20 | 75.00 4.07 -14.46 | 74.64 4.48 -10.45 | 71.13 5.78 5.16 | 78.39 5.07 -10.71 | 74.45 5.34 -3.96 | 68.14 5.26 4.52 | 56.81 4.77 8.33 | 56.15 4.81 10.27 | 69.46 5.90 15.17 | 118.68 7.06 4.13 | 154.35 9.46 5.26 | 154.73 9.77 5.34 | 154.93 9.55 1.63 | 126.94 8.44 9.41 | 84.13 7.67 17.11 | 65.20 5.52 7.65 | 53.97 4.78 17.23 |
| BROOKHAVEN___DRP 24191 | 87.76 7.54 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.46 5.36 -22.63 | 100.08 6.21 -34.16 | 119.75 7.12 -42.12 | 123.55 5.38 -55.56 | 125.46 5.34 -54.97 | 129.12 5.19 -56.53 | 130.59 4.77 -65.45 | 126.84 4.68 -60.54 | 126.95 5.67 -42.56 | 131.68 6.48 -9.45 | 171.79 9.01 -12.63 | 171.71 8.27 -13.14 | 157.77 8.53 -2.25 | 160.15 7.42 -24.81 | 148.78 7.21 -48.01 | 124.12 5.32 -51.48 | 120.19 4.32 -49.45 |
| BROOKLYN_NAVY_YARD 23515 | 86.08 5.87 -15.74 | 86.70 4.85 -23.42 | 86.18 4.61 -25.28 | 85.08 4.82 -23.60 | 83.21 4.55 -22.52 | 78.26 4.74 -15.00 | 86.11 4.54 -27.51 | 86.18 4.97 -24.73 | 105.58 5.37 -40.50 | 132.29 6.84 -54.94 | 136.16 5.95 -67.62 | 140.21 6.32 -68.74 | 146.67 6.20 -73.06 | 151.50 5.67 -85.46 | 147.10 5.73 -79.76 | 144.00 7.01 -58.27 | 137.57 8.68 -13.15 | 179.06 11.41 -17.49 | 180.19 11.72 -18.17 | 161.77 11.47 -3.30 | 172.27 10.23 -34.13 | 168.38 9.08 -65.73 | 141.38 6.53 -67.52 | 139.93 5.91 -67.60 |
| BROOKLYN___ARMY_DRP 323595 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| BROOME___LFGE 323600 | 70.12 0.52 -5.13 | 60.55 0.53 -1.60 | 58.78 0.51 -2.00 | 57.87 1.19 -0.02 | 56.66 0.51 -0.02 | 59.46 0.94 0.00 | 55.66 0.54 -1.06 | 62.62 0.79 -5.35 | 65.94 0.72 -5.51 | 73.33 1.06 -1.76 | 70.83 0.81 -7.41 | 71.83 0.98 -5.70 | 71.29 0.13 -3.75 | 64.55 0.60 -3.58 | 64.83 0.62 -2.60 | 77.70 0.24 1.26 | 112.51 0.35 3.58 | 147.38 0.90 3.67 | 148.26 1.20 3.24 | 144.38 1.03 3.64 | 125.60 0.90 3.21 | 92.77 0.65 1.45 | 70.68 0.81 -2.55 | 67.03 0.60 -0.02 |
| BURROWS___LYONSDAL 23803 | 64.28 -0.19 0.00 | 58.19 -0.23 0.00 | 56.06 -0.23 0.00 | 56.38 -0.28 0.00 | 55.75 -0.39 0.00 | 58.23 -0.29 0.00 | 53.85 -0.22 0.00 | 56.42 -0.06 0.00 | 59.83 0.12 0.00 | 70.79 0.28 0.00 | 62.92 0.31 0.00 | 65.60 0.46 0.00 | 67.81 0.40 0.00 | 60.61 0.24 0.00 | 61.92 0.31 0.00 | 78.33 -0.39 0.00 | 114.70 -1.04 0.00 | 149.10 -1.05 0.00 | 149.25 -1.05 0.00 | 145.97 -1.03 0.00 | 126.76 -1.15 0.00 | 93.01 -0.56 0.00 | 67.46 0.13 0.00 | 65.95 -0.46 0.00 |
| CALPINE_BETH_PAGE_GT4 24209 | 87.50 7.29 -15.74 | 92.36 6.13 -27.80 | 81.97 5.63 -20.06 | 79.72 5.78 -17.27 | 78.35 5.73 -16.48 | 74.46 4.97 -10.97 | 80.32 4.87 -21.39 | 84.69 5.59 -22.63 | 100.32 6.45 -34.16 | 120.38 7.76 -42.12 | 124.36 6.20 -55.56 | 126.44 6.32 -54.97 | 130.13 6.20 -56.53 | 131.56 5.73 -65.45 | 127.82 5.67 -60.54 | 127.97 6.69 -42.56 | 133.07 7.87 -9.45 | 173.74 10.96 -12.63 | 173.81 10.37 -13.14 | 159.83 10.58 -2.25 | 161.42 8.70 -24.81 | 149.91 8.33 -48.01 | 125.07 6.26 -51.48 | 121.25 5.38 -49.45 |
| CALPINE_BETH_PAGE_GT_4 323586 | 87.50 7.29 -15.74 | 92.36 6.13 -27.80 | 81.97 5.63 -20.06 | 79.72 5.78 -17.27 | 78.35 5.73 -16.48 | 74.46 4.97 -10.97 | 80.32 4.87 -21.39 | 84.69 5.59 -22.63 | 100.32 6.45 -34.16 | 120.38 7.76 -42.12 | 124.36 6.20 -55.56 | 126.44 6.32 -54.97 | 130.13 6.20 -56.53 | 131.56 5.73 -65.45 | 127.82 5.67 -60.54 | 127.97 6.69 -42.56 | 133.07 7.87 -9.45 | 173.74 10.96 -12.63 | 173.81 10.37 -13.14 | 159.83 10.58 -2.25 | 161.42 8.70 -24.81 | 149.91 8.33 -48.01 | 125.07 6.26 -51.48 | 121.25 5.38 -49.45 |
| CALPINE_BP_GT1 23823 | 87.50 7.29 -15.74 | 92.36 6.13 -27.80 | 81.97 5.63 -20.06 | 79.72 5.78 -17.27 | 78.35 5.73 -16.48 | 74.46 4.97 -10.97 | 80.32 4.87 -21.39 | 84.69 5.59 -22.63 | 100.32 6.45 -34.16 | 120.38 7.76 -42.12 | 124.36 6.20 -55.56 | 126.44 6.32 -54.97 | 130.13 6.20 -56.53 | 131.56 5.73 -65.45 | 127.82 5.67 -60.54 | 127.97 6.69 -42.56 | 133.07 7.87 -9.45 | 173.74 10.96 -12.63 | 173.81 10.37 -13.14 | 159.83 10.58 -2.25 | 161.42 8.70 -24.81 | 149.91 8.33 -48.01 | 125.07 6.26 -51.48 | 121.25 5.38 -49.45 |
| CALSPAN___DRP 24200 | 57.18 -7.61 -0.31 | 52.68 -6.60 -0.86 | 50.93 -6.42 -1.07 | 52.54 -4.14 -0.01 | 49.81 -6.34 -0.01 | 53.37 -5.15 0.00 | 42.28 -6.38 5.41 | 48.65 -6.44 1.38 | 52.68 -7.34 -0.32 | 55.39 -8.60 6.52 | 55.33 -7.70 -0.43 | 57.53 -7.95 -0.33 | 56.56 -11.05 -0.21 | 52.60 -7.97 -0.20 | 52.64 -8.19 0.78 | 54.01 -11.34 13.38 | 62.61 -15.05 38.09 | 92.03 -19.07 39.06 | 96.85 -18.94 34.51 | 89.53 -18.67 38.80 | 77.34 -16.37 34.20 | 64.08 -14.04 15.46 | 58.72 -8.75 -0.14 | 57.39 -9.03 -0.01 |
| CARR_STREET_E_SYR 24060 | 63.91 -2.19 -1.63 | 57.15 -1.75 -0.48 | 55.19 -1.69 -0.59 | 55.54 -1.13 0.00 | 54.35 -1.80 0.00 | 57.06 -1.46 0.00 | 53.01 -1.62 -0.58 | 56.61 -1.64 -1.78 | 59.73 -1.73 -1.75 | 69.24 -2.12 -0.85 | 63.02 -1.94 -2.36 | 65.01 -1.95 -1.81 | 65.83 -2.76 -1.19 | 59.45 -2.05 -1.14 | 60.45 -2.03 -0.87 | 75.84 -3.07 -0.18 | 111.75 -4.51 -0.52 | 145.13 -5.56 -0.53 | 145.36 -5.41 -0.47 | 142.09 -5.44 -0.53 | 123.52 -4.86 -0.47 | 90.04 -3.74 -0.21 | 65.98 -2.15 -0.81 | 64.23 -2.19 0.00 |
| CARTHAGE___PAPER 23857 | 64.52 -0.58 -0.63 | 58.03 -0.58 -0.19 | 55.95 -0.56 -0.23 | 55.88 -0.79 0.00 | 55.25 -0.90 0.00 | 57.70 -0.82 0.00 | 53.66 -0.59 -0.19 | 56.75 -0.40 -0.67 | 60.20 -0.18 -0.67 | 70.80 0.00 -0.29 | 63.70 0.19 -0.90 | 66.17 0.33 -0.70 | 68.20 0.34 -0.46 | 60.86 0.06 -0.44 | 62.06 0.12 -0.33 | 77.31 -1.42 0.00 | 112.73 -3.01 0.00 | 147.00 -3.15 0.00 | 146.84 -3.46 0.00 | 143.76 -3.23 0.00 | 124.59 -3.33 0.00 | 91.70 -1.87 0.00 | 67.57 -0.07 -0.31 | 65.09 -1.33 0.00 |
| CE_DUNWOOD___DRP 24194 | 85.60 5.42 -15.71 | 60.66 4.56 2.32 | 59.17 4.33 1.45 | 52.34 4.48 8.80 | 52.01 4.27 8.39 | 57.27 4.39 5.63 | 54.45 4.22 3.82 | 75.01 4.63 -13.90 | 72.72 5.02 -8.00 | 66.21 6.42 10.72 | 74.08 5.63 -5.84 | 69.29 5.93 1.79 | 61.63 5.86 11.64 | 48.73 5.37 17.01 | 48.37 5.42 18.66 | 63.16 6.61 22.17 | 118.08 8.10 5.77 | 153.54 10.81 7.42 | 153.85 11.12 7.58 | 155.79 10.88 2.09 | 123.94 9.59 13.56 | 77.06 8.52 25.02 | 58.82 6.13 14.63 | 46.54 5.45 25.33 |
| CE_MILLWOOD___DRP 24193 | 85.30 5.16 -15.66 | 61.73 4.38 1.08 | 60.29 4.16 0.16 | 53.76 4.31 7.21 | 53.36 4.10 6.88 | 58.11 4.21 4.62 | 55.81 4.05 2.31 | 75.31 4.46 -14.38 | 74.08 4.84 -9.53 | 69.18 6.20 7.53 | 76.84 5.45 -8.79 | 72.49 5.73 -1.61 | 65.53 5.66 7.53 | 53.52 5.19 12.03 | 52.98 5.24 13.88 | 66.86 6.38 18.24 | 118.65 7.75 4.84 | 154.31 10.36 6.20 | 154.65 10.67 6.32 | 155.61 10.44 1.82 | 125.89 9.21 11.23 | 81.22 8.23 20.58 | 62.61 5.92 10.64 | 50.89 5.25 20.78 |
| CE_NYC2_DRP 24202 | 86.60 6.38 -15.75 | 87.15 5.32 -23.41 | 86.62 5.07 -25.27 | 85.52 5.27 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.21 7.12 -50.58 | 132.26 6.14 -63.52 | 135.72 6.51 -64.06 | 141.25 6.40 -67.45 | 144.88 5.86 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.43 8.80 -11.89 | 177.70 11.71 -15.84 | 178.79 12.02 -16.46 | 161.56 11.61 -2.95 | 169.11 10.23 -30.96 | 162.36 9.08 -59.71 | 135.99 6.60 -62.07 | 133.96 6.11 -61.44 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| CE_NYC_DRP 24195 | 86.27 6.06 -15.74 | 87.05 4.97 -23.66 | 86.59 4.78 -25.53 | 85.50 4.93 -23.90 | 83.66 4.72 -22.81 | 78.63 4.92 -15.19 | 86.51 4.65 -27.80 | 86.39 5.08 -24.83 | 106.01 5.49 -40.80 | 133.11 7.05 -55.55 | 136.99 6.20 -68.19 | 141.06 6.51 -69.40 | 147.73 6.47 -73.86 | 152.70 5.92 -86.42 | 148.27 5.98 -80.67 | 145.07 7.32 -59.02 | 138.21 9.14 -13.32 | 180.04 12.16 -17.73 | 181.34 12.63 -18.41 | 162.55 12.20 -3.36 | 173.23 10.74 -34.57 | 169.51 9.36 -66.58 | 142.41 6.80 -68.29 | 140.93 6.04 -68.47 |
| CHAFEE___LFG 323603 | 59.04 -5.87 -0.44 | 54.22 -5.08 -0.87 | 52.42 -4.95 -1.09 | 53.96 -2.72 -0.01 | 51.27 -4.88 -0.01 | 54.77 -3.75 0.00 | 43.98 -4.87 5.22 | 50.76 -4.52 1.20 | 54.79 -5.37 -0.46 | 58.02 -6.20 6.28 | 57.65 -5.57 -0.62 | 59.89 -5.73 -0.47 | 59.02 -8.70 -0.31 | 54.74 -5.92 -0.29 | 54.83 -6.10 0.68 | 56.89 -8.82 13.01 | 67.57 -11.11 37.06 | 98.49 -13.66 38.00 | 103.34 -13.38 33.58 | 96.16 -13.08 37.75 | 82.87 -11.77 33.28 | 67.86 -10.67 15.04 | 61.00 -6.53 -0.21 | 59.52 -6.91 -0.01 |
| CHAT_HIGH_FALL_HYD 323578 | 63.64 -0.84 0.00 | 57.26 -1.17 0.00 | 55.15 -1.13 0.00 | 54.40 -2.27 0.00 | 54.79 -1.35 0.00 | 56.82 -1.70 0.00 | 52.55 -1.51 0.00 | 54.84 -1.64 0.00 | 58.34 -1.37 0.00 | 68.74 -1.76 0.00 | 61.35 -1.25 0.00 | 63.78 -1.37 0.00 | 67.00 -0.40 0.00 | 59.34 -1.03 0.00 | 60.26 -1.36 0.00 | 77.23 -1.50 0.00 | 115.28 -0.46 0.00 | 149.40 -0.75 0.00 | 149.25 -1.05 0.00 | 145.97 -1.03 0.00 | 126.76 -1.15 0.00 | 91.79 -1.78 0.00 | 65.71 -1.62 0.00 | 65.42 -1.00 0.00 |
| CH_MIDHUDSON___DRP 24192 | 86.34 5.22 -16.64 | 68.33 4.44 -5.46 | 67.25 4.28 -6.69 | 61.74 4.42 -0.65 | 60.98 4.21 -0.62 | 63.24 4.33 -0.39 | 63.83 4.16 -5.60 | 79.05 4.52 -18.06 | 83.08 4.90 -18.47 | 85.72 6.35 -8.87 | 93.31 5.51 -25.20 | 90.75 5.80 -19.81 | 86.88 5.73 -13.74 | 79.20 5.31 -13.52 | 77.50 5.36 -10.53 | 86.56 6.53 -1.30 | 123.39 7.87 0.22 | 160.53 10.51 0.13 | 160.93 10.67 0.04 | 156.95 10.44 0.49 | 137.49 9.21 -0.37 | 103.36 8.33 -1.46 | 83.11 5.99 -9.79 | 73.58 5.38 -1.78 |
| CH_MISC_IPPS 23765 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |
| CH_RES_BVR_FALLS 23983 | 63.50 -0.19 0.78 | 58.02 -0.18 0.23 | 55.82 -0.17 0.29 | 56.15 -0.51 0.00 | 55.92 -0.22 0.00 | 58.11 -0.41 0.00 | 53.50 -0.32 0.24 | 55.24 -0.40 0.84 | 58.51 -0.36 0.84 | 69.65 -0.49 0.36 | 61.16 -0.31 1.13 | 63.95 -0.33 0.87 | 66.77 -0.07 0.57 | 59.58 -0.24 0.55 | 60.90 -0.31 0.41 | 78.41 -0.31 0.00 | 115.63 -0.12 0.00 | 150.00 -0.15 0.00 | 150.00 -0.30 0.00 | 146.85 -0.15 0.00 | 127.66 -0.26 0.00 | 93.20 -0.37 0.00 | 66.53 -0.40 0.39 | 66.22 -0.20 0.00 |
| CH_RES_NIAGARA 23895 | 55.13 -9.28 0.06 | 51.10 -8.12 -0.79 | 49.39 -7.88 -0.99 | 51.40 -5.27 -0.01 | 48.40 -7.75 -0.01 | 52.08 -6.44 0.00 | 40.30 -7.89 5.87 | 46.39 -8.19 1.89 | 50.25 -9.37 0.08 | 52.40 -11.00 7.11 | 52.73 -9.77 0.11 | 54.83 -10.23 0.08 | 53.66 -13.68 0.06 | 50.29 -10.02 0.06 | 50.23 -10.35 1.03 | 50.41 -14.09 14.22 | 56.37 -18.87 40.50 | 84.15 -24.47 41.53 | 89.25 -24.35 36.70 | 81.48 -24.25 41.26 | 70.57 -20.98 36.37 | 59.45 -17.69 16.44 | 56.18 -11.11 0.04 | 55.14 -11.29 -0.01 |
| CH_RES_SYRACUSE 23985 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -4.28 -0.73 | 145.19 -5.71 -0.75 | 145.40 -5.56 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| CLITON_WT_PWR 323605 | 63.64 -0.84 0.00 | 57.26 -1.17 0.00 | 55.15 -1.13 0.00 | 54.51 -2.15 0.00 | 54.79 -1.35 0.00 | 56.82 -1.70 0.00 | 52.55 -1.51 0.00 | 54.84 -1.64 0.00 | 58.34 -1.37 0.00 | 68.74 -1.76 0.00 | 61.35 -1.25 0.00 | 63.84 -1.30 0.00 | 66.93 -0.47 0.00 | 59.34 -1.03 0.00 | 60.32 -1.29 0.00 | 77.23 -1.50 0.00 | 115.05 -0.69 0.00 | 149.10 -1.05 0.00 | 149.10 -1.20 0.00 | 145.82 -1.18 0.00 | 126.63 -1.28 0.00 | 91.79 -1.78 0.00 | 65.78 -1.55 0.00 | 65.42 -1.00 0.00 |
| COLONIE_LFG___ 323577 | 89.70 5.16 -20.07 | 69.68 5.26 -5.99 | 68.69 4.95 -7.45 | 61.88 5.16 -0.06 | 61.20 5.00 -0.06 | 63.67 5.15 0.00 | 65.08 4.87 -6.15 | 83.12 5.08 -21.56 | 86.51 5.25 -21.54 | 86.26 6.42 -9.34 | 97.42 5.82 -29.00 | 93.38 5.93 -22.30 | 88.00 5.93 -14.67 | 79.86 5.49 -14.00 | 77.90 5.79 -10.50 | 85.81 7.09 0.00 | 122.46 6.71 0.00 | 159.16 9.01 0.00 | 158.87 8.57 0.00 | 155.52 8.53 0.00 | 135.20 7.29 0.00 | 101.81 8.23 0.00 | 83.41 6.13 -9.96 | 71.99 5.51 -0.06 |
| CORNELL____ 23752 | 64.05 -3.48 -3.06 | 56.32 -3.04 -0.94 | 54.46 -2.98 -1.16 | 54.35 -2.32 -0.01 | 53.01 -3.14 -0.01 | 55.83 -2.69 0.00 | 52.23 -2.59 -0.76 | 57.39 -2.32 -3.23 | 60.72 -2.27 -3.28 | 69.46 -2.26 -1.21 | 65.01 -2.00 -4.41 | 66.59 -1.95 -3.39 | 66.60 -3.03 -2.23 | 60.20 -2.29 -2.13 | 60.90 -2.28 -1.57 | 74.53 -3.78 0.42 | 109.57 -4.98 1.19 | 143.67 -5.26 1.22 | 144.26 -4.96 1.08 | 140.49 -5.29 1.22 | 121.85 -4.99 1.07 | 88.78 -4.30 0.48 | 66.08 -2.76 -1.51 | 63.17 -3.25 -0.01 |
| COXSACKIE___GT 23611 | 88.08 6.00 -17.61 | 69.45 5.38 -5.65 | 68.29 5.07 -6.95 | 62.47 5.27 -0.53 | 61.70 5.05 -0.51 | 64.09 5.27 -0.31 | 64.87 5.03 -5.78 | 80.89 5.36 -19.05 | 84.88 5.79 -19.38 | 87.05 7.47 -9.07 | 95.34 6.39 -26.35 | 92.47 6.71 -20.61 | 88.20 6.67 -14.12 | 80.38 6.22 -13.80 | 78.61 6.35 -10.65 | 87.59 7.87 -1.00 | 125.31 9.84 0.27 | 162.87 12.91 0.19 | 163.26 13.08 0.12 | 159.16 12.64 0.48 | 139.38 11.26 -0.21 | 104.23 9.54 -1.12 | 84.07 6.80 -9.95 | 74.09 6.24 -1.42 |
| CRESCENT___HYD 24018 | 89.70 5.16 -20.07 | 69.68 5.26 -5.99 | 68.69 4.95 -7.45 | 61.88 5.16 -0.06 | 61.20 5.00 -0.06 | 63.67 5.15 0.00 | 65.08 4.87 -6.15 | 83.12 5.08 -21.56 | 86.51 5.25 -21.54 | 86.26 6.42 -9.34 | 97.42 5.82 -29.00 | 93.38 5.93 -22.30 | 88.00 5.93 -14.67 | 79.86 5.49 -14.00 | 77.90 5.79 -10.50 | 85.81 7.09 0.00 | 122.46 6.71 0.00 | 159.16 9.01 0.00 | 158.87 8.57 0.00 | 155.52 8.53 0.00 | 135.20 7.29 0.00 | 101.81 8.23 0.00 | 83.41 6.13 -9.96 | 71.99 5.51 -0.06 |
| CRUCIBLE_METL_DRP 24180 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -4.28 -0.73 | 145.19 -5.71 -0.75 | 145.40 -5.56 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| DANSKAMMER___1 23586 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |
| DANSKAMMER___2 23589 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |

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| DANSKAMMER___3 23590 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |
| DANSKAMMER___4 23591 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |
| DANSKAMMER___DIESEL 23592 | 84.85 4.32 -16.05 | 67.29 3.62 -5.24 | 66.08 3.38 -6.43 | 60.78 3.51 -0.60 | 60.08 3.37 -0.57 | 62.26 3.39 -0.35 | 62.78 3.35 -5.36 | 77.60 3.73 -17.40 | 81.61 4.12 -17.78 | 84.48 5.50 -8.48 | 91.66 4.82 -24.23 | 89.26 5.08 -19.03 | 85.56 4.99 -13.16 | 77.95 4.65 -12.93 | 76.28 4.62 -10.05 | 85.55 5.67 -1.15 | 122.18 6.71 0.27 | 158.82 8.86 0.19 | 159.37 9.17 0.10 | 155.45 8.97 0.51 | 136.12 7.93 -0.27 | 102.17 7.30 -1.30 | 81.80 5.12 -9.35 | 72.49 4.45 -1.62 |
| DASHVILLE___HYD 23610 | 86.03 5.35 -16.21 | 67.77 4.50 -4.85 | 66.53 4.22 -6.03 | 61.08 4.36 -0.05 | 60.34 4.15 -0.05 | 62.79 4.27 0.00 | 63.05 4.11 -4.88 | 78.43 4.57 -17.39 | 82.12 5.02 -17.40 | 84.57 6.63 -7.44 | 91.78 5.76 -23.41 | 89.28 6.12 -18.01 | 85.25 6.00 -11.84 | 77.23 5.55 -11.31 | 75.68 5.61 -8.46 | 85.45 6.93 0.21 | 123.72 8.57 0.59 | 160.96 11.41 0.60 | 161.49 11.72 0.53 | 157.71 11.32 0.60 | 137.36 9.98 0.53 | 102.13 8.80 0.24 | 81.63 6.26 -8.04 | 71.98 5.51 -0.05 |
| DOGLEVILLE___HYD 23807 | 66.89 2.77 0.35 | 60.66 2.34 0.11 | 58.46 2.31 0.13 | 59.05 2.38 0.00 | 58.33 2.19 0.00 | 60.98 2.46 0.00 | 56.28 2.32 0.11 | 58.80 2.71 0.38 | 62.32 2.99 0.38 | 74.15 3.81 0.16 | 65.54 3.44 0.51 | 68.40 3.65 0.39 | 70.72 3.57 0.26 | 63.32 3.20 0.25 | 64.70 3.27 0.18 | 82.66 3.94 0.00 | 121.65 5.90 0.00 | 158.56 8.41 0.00 | 159.02 8.72 0.00 | 155.38 8.38 0.00 | 134.95 7.04 0.00 | 98.53 4.96 0.00 | 70.72 3.57 0.18 | 69.47 3.06 0.00 |
| DUNKIRK___1 23563 | 58.33 -6.90 -0.76 | 53.33 -6.02 -0.92 | 51.57 -5.85 -1.14 | 52.77 -3.91 -0.01 | 50.42 -5.73 -0.01 | 53.72 -4.80 0.00 | 43.74 -5.57 4.75 | 50.31 -5.42 0.74 | 54.36 -6.15 -0.80 | 57.70 -7.12 5.68 | 57.24 -6.45 -1.08 | 59.40 -6.58 -0.83 | 58.85 -9.10 -0.54 | 54.12 -6.76 -0.52 | 54.26 -6.90 0.45 | 56.84 -9.76 12.12 | 68.37 -12.85 34.52 | 98.84 -15.92 35.40 | 103.24 -15.78 31.28 | 96.69 -15.14 35.17 | 83.48 -13.43 31.00 | 68.33 -11.23 14.01 | 60.49 -7.20 -0.37 | 58.86 -7.57 -0.01 |
| DUNKIRK___2 23564 | 58.33 -6.90 -0.76 | 53.33 -6.02 -0.92 | 51.57 -5.85 -1.14 | 52.77 -3.91 -0.01 | 50.42 -5.73 -0.01 | 53.72 -4.80 0.00 | 43.74 -5.57 4.75 | 50.31 -5.42 0.74 | 54.36 -6.15 -0.80 | 57.70 -7.12 5.68 | 57.24 -6.45 -1.08 | 59.40 -6.58 -0.83 | 58.85 -9.10 -0.54 | 54.12 -6.76 -0.52 | 54.26 -6.90 0.45 | 56.84 -9.76 12.12 | 68.37 -12.85 34.52 | 98.84 -15.92 35.40 | 103.24 -15.78 31.28 | 96.69 -15.14 35.17 | 83.48 -13.43 31.00 | 68.33 -11.23 14.01 | 60.49 -7.20 -0.37 | 58.86 -7.57 -0.01 |
| DUNKIRK___3 23565 | 58.86 -6.38 -0.77 | 53.80 -5.55 -0.92 | 52.08 -5.35 -1.15 | 53.28 -3.40 -0.01 | 50.87 -5.28 -0.01 | 54.25 -4.27 0.00 | 44.12 -5.19 4.75 | 50.66 -5.08 0.73 | 54.73 -5.79 -0.81 | 58.06 -6.77 5.68 | 57.62 -6.07 -1.09 | 59.73 -6.25 -0.84 | 59.19 -8.76 -0.55 | 54.49 -6.40 -0.52 | 54.63 -6.53 0.45 | 57.32 -9.29 12.12 | 69.08 -12.15 34.51 | 99.60 -15.17 35.39 | 104.15 -14.88 31.27 | 97.29 -14.55 35.16 | 84.13 -12.79 30.99 | 68.80 -10.76 14.01 | 60.90 -6.80 -0.37 | 59.32 -7.11 -0.01 |
| DUNKIRK___4 23566 | 58.86 -6.38 -0.77 | 53.80 -5.55 -0.92 | 52.08 -5.35 -1.15 | 53.28 -3.40 -0.01 | 50.87 -5.28 -0.01 | 54.25 -4.27 0.00 | 44.12 -5.19 4.75 | 50.66 -5.08 0.73 | 54.73 -5.79 -0.81 | 58.06 -6.77 5.68 | 57.62 -6.07 -1.09 | 59.73 -6.25 -0.84 | 59.19 -8.76 -0.55 | 54.49 -6.40 -0.52 | 54.63 -6.53 0.45 | 57.32 -9.29 12.12 | 69.08 -12.15 34.51 | 99.60 -15.17 35.39 | 104.15 -14.88 31.27 | 97.29 -14.55 35.16 | 84.13 -12.79 30.99 | 68.80 -10.76 14.01 | 60.90 -6.80 -0.37 | 59.32 -7.11 -0.01 |
| EAST HAMPTON___GT 23717 | 90.66 10.44 -15.74 | 95.34 9.11 -27.80 | 84.73 8.39 -20.06 | 82.61 8.67 -17.27 | 81.32 8.70 -16.48 | 76.86 7.37 -10.97 | 82.59 7.14 -21.39 | 87.23 8.13 -22.63 | 103.19 9.31 -34.16 | 123.63 11.00 -42.12 | 126.93 8.76 -55.56 | 128.85 8.73 -54.97 | 132.43 8.49 -56.53 | 133.67 7.85 -65.45 | 129.92 7.76 -60.54 | 130.89 9.60 -42.56 | 138.04 12.85 -9.45 | 180.95 18.17 -12.63 | 181.33 17.89 -13.14 | 166.89 17.64 -2.25 | 167.82 15.09 -24.81 | 153.93 12.35 -48.01 | 127.42 8.62 -51.48 | 123.05 7.17 -49.45 |
| EAST RIVER___6 23660 | 86.14 5.93 -15.74 | 86.76 4.91 -23.42 | 86.23 4.67 -25.28 | 85.20 4.93 -23.60 | 83.32 4.66 -22.52 | 78.38 4.86 -15.00 | 86.11 4.54 -27.51 | 86.18 4.97 -24.73 | 105.59 5.37 -40.50 | 132.36 6.91 -54.95 | 136.30 6.07 -67.62 | 140.34 6.45 -68.74 | 146.88 6.40 -73.07 | 151.63 5.80 -85.47 | 147.23 5.85 -79.76 | 144.16 7.16 -58.27 | 137.80 8.91 -13.15 | 179.66 12.01 -17.50 | 180.80 12.32 -18.17 | 162.36 12.05 -3.31 | 172.66 10.62 -34.13 | 168.57 9.26 -65.74 | 141.52 6.67 -67.53 | 140.01 5.98 -67.61 |
| EAST RIVER___7 23524 | 86.14 5.93 -15.74 | 86.76 4.91 -23.42 | 86.23 4.67 -25.28 | 85.20 4.93 -23.60 | 83.32 4.66 -22.52 | 78.38 4.86 -15.00 | 86.11 4.54 -27.51 | 86.18 4.97 -24.73 | 105.59 5.37 -40.50 | 132.36 6.91 -54.95 | 136.30 6.07 -67.62 | 140.34 6.45 -68.74 | 146.88 6.40 -73.07 | 151.63 5.80 -85.47 | 147.23 5.85 -79.76 | 144.16 7.16 -58.27 | 137.80 8.91 -13.15 | 179.66 12.01 -17.50 | 180.80 12.32 -18.17 | 162.36 12.05 -3.31 | 172.66 10.62 -34.13 | 168.57 9.26 -65.74 | 141.52 6.67 -67.53 | 140.01 5.98 -67.61 |
| EAST_HAMPTON___DIESEL 23722 | 90.66 10.44 -15.74 | 95.34 9.11 -27.80 | 84.73 8.39 -20.06 | 82.61 8.67 -17.27 | 81.32 8.70 -16.48 | 76.86 7.37 -10.97 | 82.59 7.14 -21.39 | 87.23 8.13 -22.63 | 103.19 9.31 -34.16 | 123.63 11.00 -42.12 | 126.93 8.76 -55.56 | 128.85 8.73 -54.97 | 132.43 8.49 -56.53 | 133.67 7.85 -65.45 | 129.92 7.76 -60.54 | 130.89 9.60 -42.56 | 138.04 12.85 -9.45 | 180.95 18.17 -12.63 | 181.33 17.89 -13.14 | 166.89 17.64 -2.25 | 167.82 15.09 -24.81 | 153.93 12.35 -48.01 | 127.42 8.62 -51.48 | 123.05 7.17 -49.45 |
| EAST_RIVER___1 323558 | 86.27 6.06 -15.74 | 87.05 4.97 -23.66 | 86.59 4.78 -25.53 | 85.50 4.93 -23.90 | 83.66 4.72 -22.81 | 78.63 4.92 -15.19 | 86.51 4.65 -27.80 | 86.39 5.08 -24.83 | 106.01 5.49 -40.80 | 133.11 7.05 -55.55 | 136.99 6.20 -68.19 | 141.06 6.51 -69.40 | 147.73 6.47 -73.86 | 152.70 5.92 -86.42 | 148.27 5.98 -80.67 | 145.07 7.32 -59.02 | 138.21 9.14 -13.32 | 180.04 12.16 -17.73 | 181.34 12.63 -18.41 | 162.55 12.20 -3.36 | 173.23 10.74 -34.57 | 169.51 9.36 -66.58 | 142.41 6.80 -68.29 | 140.93 6.04 -68.47 |
| EAST_RIVER___2 323559 | 86.14 5.93 -15.74 | 86.76 4.91 -23.42 | 86.23 4.67 -25.28 | 85.20 4.93 -23.60 | 83.32 4.66 -22.52 | 78.38 4.86 -15.00 | 86.11 4.54 -27.51 | 86.18 4.97 -24.73 | 105.59 5.37 -40.50 | 132.36 6.91 -54.95 | 136.30 6.07 -67.62 | 140.34 6.45 -68.74 | 146.88 6.40 -73.07 | 151.63 5.80 -85.47 | 147.23 5.85 -79.76 | 144.16 7.16 -58.27 | 137.80 8.91 -13.15 | 179.66 12.01 -17.50 | 180.80 12.32 -18.17 | 162.36 12.05 -3.31 | 172.66 10.62 -34.13 | 168.57 9.26 -65.74 | 141.52 6.67 -67.53 | 140.01 5.98 -67.61 |
| EAST___DELAWARE_HYD 23607 | 82.30 4.19 -13.63 | 66.07 3.56 -4.08 | 64.74 3.38 -5.08 | 60.33 3.63 -0.04 | 59.55 3.37 -0.04 | 62.03 3.51 0.00 | 61.55 3.41 -4.09 | 74.87 3.78 -14.62 | 78.52 4.18 -14.63 | 82.31 5.57 -6.23 | 87.18 4.88 -19.70 | 85.51 5.21 -15.15 | 82.42 5.06 -9.96 | 74.53 4.65 -9.51 | 73.47 4.74 -7.11 | 84.32 5.83 0.23 | 122.73 7.64 0.65 | 159.54 10.06 0.67 | 160.08 10.37 0.59 | 156.33 10.00 0.66 | 136.16 8.83 0.58 | 100.51 7.21 0.26 | 79.14 5.05 -6.76 | 70.84 4.38 -0.04 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| ELEC_TRO_TEK 24086 | 86.66 6.45 -15.74 | 91.60 5.38 -27.80 | 81.35 5.01 -20.06 | 79.09 5.16 -17.27 | 77.68 5.05 -16.48 | 73.88 4.39 -10.97 | 79.78 4.32 -21.39 | 84.07 4.97 -22.63 | 99.54 5.67 -34.16 | 119.54 6.91 -42.12 | 123.80 5.63 -55.56 | 125.85 5.73 -54.97 | 129.60 5.66 -56.53 | 131.07 5.25 -65.45 | 127.27 5.11 -60.54 | 127.50 6.22 -42.56 | 132.49 7.29 -9.45 | 172.84 10.06 -12.63 | 173.21 9.77 -13.14 | 158.95 9.70 -2.25 | 160.78 8.06 -24.81 | 149.34 7.77 -48.01 | 124.53 5.72 -51.48 | 120.72 4.85 -49.45 |
| ELLENBURG_WT_PWR 323604 | 63.64 -0.84 0.00 | 57.26 -1.17 0.00 | 55.15 -1.13 0.00 | 54.51 -2.15 0.00 | 54.79 -1.35 0.00 | 56.82 -1.70 0.00 | 52.55 -1.51 0.00 | 54.84 -1.64 0.00 | 58.34 -1.37 0.00 | 68.74 -1.76 0.00 | 61.35 -1.25 0.00 | 63.84 -1.30 0.00 | 66.93 -0.47 0.00 | 59.34 -1.03 0.00 | 60.32 -1.29 0.00 | 77.23 -1.50 0.00 | 115.05 -0.69 0.00 | 149.10 -1.05 0.00 | 149.10 -1.20 0.00 | 145.82 -1.18 0.00 | 126.63 -1.28 0.00 | 91.79 -1.78 0.00 | 65.78 -1.55 0.00 | 65.42 -1.00 0.00 |
| E_CANADA_CAP_HY 24051 | 94.56 4.77 -25.31 | 71.14 5.14 -7.57 | 70.25 4.56 -9.42 | 61.56 4.82 -0.07 | 60.87 4.66 -0.07 | 63.26 4.74 0.00 | 66.20 4.49 -7.65 | 87.64 4.01 -27.16 | 91.24 4.36 -27.17 | 87.37 5.22 -11.65 | 104.05 4.88 -36.57 | 98.16 4.89 -28.12 | 90.89 4.99 -18.49 | 82.67 4.65 -17.66 | 79.89 5.05 -13.22 | 84.53 6.06 0.25 | 121.27 6.25 0.73 | 156.91 7.51 0.74 | 156.86 7.21 0.66 | 153.75 7.50 0.74 | 133.40 6.14 0.65 | 99.73 6.46 0.29 | 84.59 4.71 -12.55 | 71.14 4.65 -0.07 |
| E_CANADA_MHWK_HY 24050 | 66.89 2.77 0.35 | 60.66 2.34 0.11 | 58.46 2.31 0.13 | 59.05 2.38 0.00 | 58.33 2.19 0.00 | 60.98 2.46 0.00 | 56.28 2.32 0.11 | 58.80 2.71 0.38 | 62.32 2.99 0.38 | 74.15 3.81 0.16 | 65.54 3.44 0.51 | 68.40 3.65 0.39 | 70.72 3.57 0.26 | 63.32 3.20 0.25 | 64.70 3.27 0.18 | 82.66 3.94 0.00 | 121.65 5.90 0.00 | 158.56 8.41 0.00 | 159.02 8.72 0.00 | 155.38 8.38 0.00 | 134.95 7.04 0.00 | 98.53 4.96 0.00 | 70.72 3.57 0.18 | 69.47 3.06 0.00 |
| E_FISHKILL___LBMP 23776 | 85.56 5.09 -15.99 | 69.87 4.38 -7.06 | 68.76 4.16 -8.32 | 63.89 4.31 -2.91 | 63.02 4.10 -2.78 | 64.56 4.21 -1.83 | 65.70 4.05 -7.59 | 78.98 4.40 -18.11 | 84.52 4.78 -20.03 | 89.71 6.06 -13.14 | 96.49 5.32 -28.56 | 94.75 5.60 -24.00 | 92.11 5.53 -19.18 | 85.66 5.07 -20.22 | 83.78 5.11 -17.05 | 91.93 6.30 -6.91 | 124.34 7.52 -1.08 | 161.80 10.06 -1.59 | 162.26 10.22 -1.74 | 156.86 10.00 0.13 | 140.42 8.83 -3.68 | 109.31 7.95 -7.79 | 88.31 5.79 -15.20 | 79.87 5.18 -8.27 |
| FAR ROCKAWAY___4 23548 | 88.79 8.57 -15.74 | 93.41 7.19 -27.80 | 83.04 6.70 -20.06 | 80.79 6.86 -17.27 | 79.36 6.74 -16.48 | 75.64 6.14 -10.97 | 81.35 5.89 -21.39 | 85.88 6.78 -22.63 | 101.57 7.70 -34.16 | 122.08 9.45 -42.12 | 125.99 7.83 -55.56 | 128.13 8.01 -54.97 | 131.82 7.89 -56.53 | 133.07 7.24 -65.45 | 129.36 7.21 -60.54 | 130.10 8.82 -42.56 | 136.54 11.34 -9.45 | 176.44 13.66 -12.63 | 176.82 13.38 -13.14 | 162.48 13.23 -2.25 | 165.39 12.66 -24.81 | 152.81 11.23 -48.01 | 126.89 8.08 -51.48 | 122.78 6.91 -49.45 |
| FARRAGUT___LBMP 323566 | 86.14 5.93 -15.74 | 86.75 4.91 -23.42 | 86.23 4.67 -25.28 | 85.14 4.87 -23.60 | 83.32 4.66 -22.52 | 78.32 4.80 -15.00 | 86.17 4.60 -27.51 | 86.23 5.03 -24.73 | 105.64 5.43 -40.50 | 132.36 6.91 -54.94 | 136.29 6.07 -67.62 | 140.34 6.45 -68.74 | 146.87 6.40 -73.06 | 151.68 5.86 -85.46 | 147.22 5.85 -79.76 | 144.24 7.24 -58.27 | 137.80 8.91 -13.15 | 179.66 12.01 -17.49 | 180.79 12.32 -18.17 | 162.35 12.05 -3.30 | 172.66 10.62 -34.13 | 168.57 9.26 -65.73 | 141.51 6.67 -67.52 | 140.00 5.98 -67.60 |
| FENNER___WINDPWR 24204 | 65.10 -0.32 -0.95 | 58.47 -0.23 -0.28 | 56.41 -0.23 -0.35 | 56.78 0.11 0.00 | 55.75 -0.39 0.00 | 58.46 -0.06 0.00 | 54.24 -0.11 -0.29 | 57.55 0.06 -1.02 | 60.91 0.18 -1.02 | 71.30 0.35 -0.44 | 64.35 0.38 -1.37 | 66.66 0.46 -1.05 | 68.10 0.00 -0.69 | 61.21 0.18 -0.66 | 62.36 0.25 -0.50 | 78.57 -0.16 0.00 | 115.63 -0.12 0.00 | 150.60 0.45 0.00 | 150.90 0.60 0.00 | 147.44 0.44 0.00 | 128.04 0.13 0.00 | 93.48 -0.09 0.00 | 67.86 0.07 -0.47 | 66.16 -0.27 0.00 |
| FIBERTEK___ENERGY 23856 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -5.71 -0.73 | 145.19 -5.56 -0.75 | 145.40 -5.73 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| FITZPATRICK____ 23598 | 62.80 -2.90 -1.23 | 56.27 -2.51 -0.35 | 54.30 -2.42 -0.44 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.14 -2.38 -0.45 | 55.39 -2.43 -1.34 | 58.40 -2.63 -1.32 | 67.86 -3.31 -0.67 | 61.37 -3.00 -1.77 | 63.38 -3.13 -1.36 | 64.66 -3.64 -0.90 | 58.26 -2.96 -0.85 | 59.19 -3.08 -0.65 | 74.75 -4.17 -0.19 | 110.16 -6.13 -0.55 | 142.91 -7.81 -0.56 | 142.98 -7.82 -0.50 | 139.76 -7.79 -0.56 | 121.63 -6.78 -0.49 | 88.74 -5.05 -0.22 | 64.70 -3.23 -0.61 | 63.43 -2.99 0.00 |
| FORT ORANGE____ 23900 | 89.07 4.96 -19.63 | 68.96 4.67 -5.86 | 68.02 4.45 -7.29 | 61.37 4.65 -0.06 | 60.63 4.44 -0.06 | 63.08 4.56 0.00 | 64.40 4.32 -6.02 | 82.03 4.46 -21.09 | 85.50 4.72 -21.07 | 85.42 5.78 -9.14 | 95.47 4.51 -28.36 | 91.65 4.69 -21.81 | 86.40 4.65 -14.34 | 78.35 4.29 -13.70 | 76.38 4.50 -10.27 | 84.16 5.43 0.00 | 121.42 5.67 0.00 | 157.51 7.36 0.00 | 157.52 7.21 0.00 | 154.05 7.06 0.00 | 134.18 6.27 0.00 | 100.03 6.46 0.00 | 82.52 5.45 -9.74 | 71.59 5.11 -0.06 |
| FORT_DRUM_COGEN 23780 | 64.34 -0.84 -0.70 | 57.76 -0.88 -0.21 | 55.70 -0.84 -0.26 | 55.71 -0.96 0.00 | 54.97 -1.18 0.00 | 57.47 -1.05 0.00 | 53.46 -0.81 -0.21 | 56.66 -0.56 -0.75 | 60.10 -0.36 -0.75 | 70.62 -0.21 -0.33 | 63.55 -0.06 -1.01 | 66.06 0.13 -0.78 | 67.92 0.00 -0.51 | 60.67 -0.18 -0.49 | 61.86 -0.12 -0.37 | 76.99 -1.73 0.00 | 112.27 -3.47 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.17 -3.82 0.00 | 124.20 -3.71 0.00 | 91.33 -2.25 0.00 | 67.34 -0.34 -0.35 | 64.76 -1.66 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 88.79 8.57 -15.74 | 93.41 7.19 -27.80 | 83.04 6.70 -20.06 | 80.79 6.86 -17.27 | 79.36 6.74 -16.48 | 75.64 6.14 -10.97 | 81.35 5.89 -21.39 | 85.88 6.78 -22.63 | 101.57 7.70 -34.16 | 122.08 9.45 -42.12 | 125.99 7.83 -55.56 | 128.13 8.01 -54.97 | 131.82 7.89 -56.53 | 133.07 7.24 -65.45 | 129.36 7.21 -60.54 | 130.10 8.82 -42.56 | 136.54 11.34 -9.45 | 176.44 13.66 -12.63 | 176.82 13.38 -13.14 | 162.48 13.23 -2.25 | 165.39 12.66 -24.81 | 152.81 11.23 -48.01 | 126.89 8.08 -51.48 | 122.78 6.91 -49.45 |
| FPL_FAR_ROCK_GT2 23815 | 88.79 8.57 -15.74 | 93.41 7.19 -27.80 | 83.04 6.70 -20.06 | 80.79 6.86 -17.27 | 79.36 6.74 -16.48 | 75.64 6.14 -10.97 | 81.35 5.89 -21.39 | 85.88 6.78 -22.63 | 101.57 7.70 -34.16 | 122.08 9.45 -42.12 | 125.99 7.83 -55.56 | 128.13 8.01 -54.97 | 131.82 7.89 -56.53 | 133.07 7.24 -65.45 | 129.36 7.21 -60.54 | 130.10 8.82 -42.56 | 136.54 11.34 -9.45 | 176.44 13.66 -12.63 | 176.82 13.38 -13.14 | 162.48 13.23 -2.25 | 165.39 12.66 -24.81 | 152.81 11.23 -48.01 | 126.89 8.08 -51.48 | 122.78 6.91 -49.45 |
| FRANKLIN_FALL_HYD 24054 | 64.80 0.32 0.00 | 58.13 -0.29 0.00 | 56.00 -0.28 0.00 | 55.25 -1.42 0.00 | 55.58 -0.56 0.00 | 57.76 -0.76 0.00 | 53.52 -0.54 0.00 | 55.91 -0.56 0.00 | 59.71 0.00 0.00 | 70.44 -0.07 0.00 | 62.79 0.19 0.00 | 65.34 0.20 0.00 | 68.42 1.01 0.00 | 60.67 0.30 0.00 | 61.61 0.00 0.00 | 78.41 -0.31 0.00 | 116.67 0.93 0.00 | 151.35 1.20 0.00 | 151.20 0.90 0.00 | 147.73 0.73 0.00 | 128.30 0.38 0.00 | 93.29 -0.28 0.00 | 67.06 -0.27 0.00 | 66.48 0.07 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 87.69 7.48 -15.74 | 92.47 6.25 -27.80 | 82.14 5.80 -20.06 | 79.89 5.95 -17.27 | 78.46 5.84 -16.48 | 74.64 5.15 -10.97 | 80.48 5.03 -21.39 | 84.86 5.76 -22.63 | 100.44 6.57 -34.16 | 120.67 8.04 -42.12 | 124.68 6.51 -55.56 | 126.77 6.65 -54.97 | 130.47 6.54 -56.53 | 131.86 6.04 -65.45 | 128.07 5.91 -60.54 | 128.45 7.16 -42.56 | 133.53 8.33 -9.45 | 174.34 11.56 -12.63 | 174.56 11.12 -13.14 | 160.42 11.17 -2.25 | 161.94 9.21 -24.81 | 150.28 8.70 -48.01 | 125.40 6.60 -51.48 | 121.52 5.65 -49.45 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| FULTON COGEN____ 23766 | 63.87 -2.13 -1.53 | 57.06 -1.81 -0.44 | 55.03 -1.80 -0.55 | 55.37 -1.30 0.00 | 54.29 -1.85 0.00 | 56.88 -1.64 0.00 | 52.94 -1.68 -0.55 | 56.50 -1.64 -1.67 | 59.62 -1.73 -1.64 | 69.14 -2.19 -0.81 | 62.80 -2.00 -2.20 | 64.82 -2.02 -1.70 | 65.89 -2.63 -1.12 | 59.44 -1.99 -1.06 | 60.39 -2.03 -0.81 | 75.71 -3.23 -0.21 | 111.48 -4.86 -0.60 | 144.61 -6.16 -0.61 | 144.83 -6.01 -0.54 | 141.58 -6.03 -0.61 | 123.21 -5.24 -0.54 | 89.88 -3.93 -0.24 | 65.86 -2.22 -0.76 | 64.10 -2.32 0.00 |
| Freeport____CT2 23818 | 87.69 7.48 -15.74 | 92.47 6.25 -27.80 | 82.14 5.80 -20.06 | 79.89 5.95 -17.27 | 78.46 5.84 -16.48 | 74.64 5.15 -10.97 | 80.48 5.03 -21.39 | 84.86 5.76 -22.63 | 100.44 6.57 -34.16 | 120.67 8.04 -42.12 | 124.68 6.51 -55.56 | 126.77 6.65 -54.97 | 130.47 6.54 -56.53 | 131.86 6.04 -65.45 | 128.07 5.91 -60.54 | 128.45 7.16 -42.56 | 133.53 8.33 -9.45 | 174.34 11.56 -12.63 | 174.56 11.12 -13.14 | 160.42 11.17 -2.25 | 161.94 9.21 -24.81 | 150.28 8.70 -48.01 | 125.40 6.60 -51.48 | 121.52 5.65 -49.45 |
| G.F.CEMENT____DRP 24184 | 89.43 4.45 -20.51 | 70.22 5.67 -6.12 | 69.13 5.23 -7.62 | 62.11 5.38 -0.06 | 61.42 5.22 -0.06 | 63.79 5.27 0.00 | 65.59 5.24 -6.29 | 83.76 5.25 -22.03 | 86.50 4.78 -22.01 | 85.97 5.92 -9.54 | 98.74 6.51 -29.63 | 94.32 6.38 -22.79 | 88.93 6.54 -14.99 | 80.65 5.98 -14.31 | 78.87 6.53 -10.73 | 86.75 8.03 0.00 | 121.30 5.56 0.00 | 157.81 7.66 0.00 | 157.06 6.76 0.00 | 153.76 6.76 0.00 | 133.67 5.76 0.00 | 102.37 8.80 0.00 | 83.69 6.19 -10.17 | 71.53 5.05 -0.06 |
| GARDENVILLE____LBMP 24039 | 57.01 -7.67 -0.21 | 52.61 -6.66 -0.85 | 50.86 -6.47 -1.05 | 52.48 -4.19 -0.01 | 49.75 -6.40 -0.01 | 53.25 -5.27 0.00 | 42.05 -6.43 5.58 | 48.44 -6.49 1.54 | 52.52 -7.40 -0.21 | 55.10 -8.67 6.74 | 55.13 -7.76 -0.29 | 57.35 -8.01 -0.22 | 56.49 -11.05 -0.14 | 52.47 -8.03 -0.13 | 52.50 -8.26 0.85 | 53.59 -11.42 13.72 | 61.51 -15.16 39.07 | 90.87 -19.22 40.06 | 95.81 -19.09 35.40 | 88.38 -18.82 39.80 | 76.33 -16.50 35.08 | 63.68 -14.04 15.86 | 58.60 -8.82 -0.09 | 57.39 -9.03 -0.01 |
| GENERAL____MILLS 23808 | 57.18 -7.61 -0.31 | 52.68 -6.60 -0.86 | 50.93 -6.42 -1.07 | 52.54 -4.14 -0.01 | 49.81 -6.34 -0.01 | 53.37 -5.15 0.00 | 42.28 -6.38 5.41 | 48.65 -6.44 1.38 | 52.68 -7.34 -0.32 | 55.39 -8.60 6.52 | 55.33 -7.70 -0.43 | 57.53 -7.95 -0.33 | 56.56 -11.05 -0.21 | 52.60 -7.97 -0.20 | 52.64 -8.19 0.78 | 54.01 -11.34 13.38 | 62.61 -15.05 38.09 | 92.03 -19.07 39.06 | 96.85 -18.94 34.51 | 89.53 -18.67 38.80 | 77.34 -16.37 34.20 | 64.08 -14.04 15.46 | 58.72 -8.75 -0.14 | 57.39 -9.03 -0.01 |
| GE_PLASTICS____DRP 24183 | 87.78 3.48 -19.83 | 67.56 3.21 -5.92 | 66.79 3.15 -7.36 | 60.01 3.29 -0.06 | 59.34 3.14 -0.06 | 61.74 3.22 0.00 | 63.11 2.97 -6.08 | 80.88 3.11 -21.30 | 84.27 3.28 -21.28 | 83.47 3.74 -9.23 | 94.31 3.07 -28.64 | 90.37 3.19 -22.03 | 85.06 3.17 -14.49 | 77.16 2.96 -13.83 | 75.00 3.02 -10.37 | 82.42 3.70 0.00 | 119.22 3.47 0.00 | 154.50 4.35 0.00 | 154.66 4.36 0.00 | 151.26 4.26 0.00 | 131.88 3.97 0.00 | 97.97 4.40 0.00 | 80.73 3.57 -9.83 | 70.06 3.59 -0.06 |
| GILBOA____1 23756 | 82.99 3.16 -15.36 | 65.83 2.80 -4.60 | 64.87 2.87 -5.72 | 59.77 3.06 -0.04 | 59.05 2.86 -0.04 | 61.50 2.98 0.00 | 61.26 2.59 -4.60 | 75.76 2.82 -16.46 | 79.12 2.93 -16.48 | 81.19 3.67 -7.02 | 87.98 3.19 -22.18 | 85.53 3.32 -17.06 | 81.86 3.24 -11.22 | 74.10 3.02 -10.71 | 72.71 3.08 -8.01 | 82.17 3.70 0.26 | 118.95 3.94 0.73 | 153.91 4.50 0.75 | 154.45 4.81 0.66 | 150.96 4.70 0.74 | 131.73 4.48 0.66 | 97.67 4.40 0.30 | 78.38 3.43 -7.62 | 69.65 3.19 -0.04 |
| GILBOA____2 23757 | 82.99 3.16 -15.36 | 65.83 2.80 -4.60 | 64.87 2.87 -5.72 | 59.77 3.06 -0.04 | 59.05 2.86 -0.04 | 61.50 2.98 0.00 | 61.26 2.59 -4.60 | 75.76 2.82 -16.46 | 79.12 2.93 -16.48 | 81.19 3.67 -7.02 | 87.98 3.19 -22.18 | 85.53 3.32 -17.06 | 81.86 3.24 -11.22 | 74.10 3.02 -10.71 | 72.71 3.08 -8.01 | 82.17 3.70 0.26 | 118.95 3.94 0.73 | 153.91 4.50 0.75 | 154.45 4.81 0.66 | 150.96 4.70 0.74 | 131.73 4.48 0.66 | 97.67 4.40 0.30 | 78.38 3.43 -7.62 | 69.65 3.19 -0.04 |
| GILBOA____3 23758 | 82.99 3.16 -15.36 | 65.83 2.80 -4.60 | 64.87 2.87 -5.72 | 59.77 3.06 -0.04 | 59.05 2.86 -0.04 | 61.50 2.98 0.00 | 61.26 2.59 -4.60 | 75.76 2.82 -16.46 | 79.12 2.93 -16.48 | 81.19 3.67 -7.02 | 87.98 3.19 -22.18 | 85.53 3.32 -17.06 | 81.86 3.24 -11.22 | 74.10 3.02 -10.71 | 72.71 3.08 -8.01 | 82.17 3.70 0.26 | 118.95 3.94 0.73 | 153.91 4.50 0.75 | 154.45 4.81 0.66 | 150.96 4.70 0.74 | 131.73 4.48 0.66 | 97.67 4.40 0.30 | 78.38 3.43 -7.62 | 69.65 3.19 -0.04 |
| GILBOA____4 23759 | 82.99 3.16 -15.36 | 65.83 2.80 -4.60 | 64.87 2.87 -5.72 | 59.77 3.06 -0.04 | 59.05 2.86 -0.04 | 61.50 2.98 0.00 | 61.26 2.59 -4.60 | 75.76 2.82 -16.46 | 79.12 2.93 -16.48 | 81.19 3.67 -7.02 | 87.98 3.19 -22.18 | 85.53 3.32 -17.06 | 81.86 3.24 -11.22 | 74.10 3.02 -10.71 | 72.71 3.08 -8.01 | 82.17 3.70 0.26 | 118.95 3.94 0.73 | 153.91 4.50 0.75 | 154.45 4.81 0.66 | 150.96 4.70 0.74 | 131.73 4.48 0.66 | 97.67 4.40 0.30 | 78.38 3.43 -7.62 | 69.65 3.19 -0.04 |
| GILBOA____ 23599 | 82.99 3.16 -15.36 | 65.83 2.80 -4.60 | 64.87 2.87 -5.72 | 59.77 3.06 -0.04 | 59.05 2.86 -0.04 | 61.50 2.98 0.00 | 61.26 2.59 -4.60 | 75.76 2.82 -16.46 | 79.12 2.93 -16.48 | 81.19 3.67 -7.02 | 87.98 3.19 -22.18 | 85.53 3.32 -17.06 | 81.86 3.24 -11.22 | 74.10 3.02 -10.71 | 72.71 3.08 -8.01 | 82.17 3.70 0.26 | 118.95 3.94 0.73 | 153.91 4.50 0.75 | 154.45 4.81 0.66 | 150.96 4.70 0.74 | 131.73 4.48 0.66 | 97.67 4.40 0.30 | 78.38 3.43 -7.62 | 69.65 3.19 -0.04 |
| GINNA____ 23603 | 53.71 -9.86 0.90 | 51.47 -7.60 -0.65 | 49.71 -7.37 -0.80 | 50.50 -6.18 -0.01 | 47.67 -8.48 -0.01 | 50.56 -7.96 0.00 | 39.26 -7.95 6.85 | 45.15 -8.30 3.02 | 51.08 -7.64 0.98 | 53.17 -8.95 8.38 | 53.27 -8.01 1.32 | 55.86 -8.27 1.02 | 56.69 -10.04 0.67 | 51.76 -7.97 0.64 | 51.83 -8.19 1.59 | 51.71 -11.02 16.00 | 55.03 -15.16 45.55 | 84.53 -18.92 46.70 | 90.09 -18.94 41.27 | 81.93 -18.67 46.40 | 70.64 -16.37 40.90 | 61.71 -13.38 18.49 | 57.71 -9.16 0.46 | 57.19 -9.23 -0.01 |
| GLEN PARK____ 23778 | 64.43 -0.84 -0.79 | 57.84 -0.82 -0.24 | 55.79 -0.79 -0.29 | 55.82 -0.85 0.00 | 55.02 -1.12 0.00 | 57.58 -0.94 0.00 | 53.60 -0.70 -0.24 | 56.87 -0.45 -0.85 | 60.26 -0.30 -0.85 | 70.87 0.00 -0.37 | 63.87 0.13 -1.14 | 66.35 0.33 -0.88 | 68.12 0.13 -0.58 | 60.80 -0.12 -0.55 | 62.03 0.00 -0.41 | 77.23 -1.50 0.00 | 112.85 -2.89 0.00 | 147.30 -2.85 0.00 | 147.29 -3.01 0.00 | 143.91 -3.09 0.00 | 124.72 -3.20 0.00 | 91.61 -1.97 0.00 | 67.45 -0.27 -0.39 | 64.89 -1.53 0.00 |
| GLENWOOD_IC_1_G5 23712 | 86.86 6.64 -15.74 | 91.83 5.61 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.90 5.28 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 99.90 6.03 -34.16 | 120.17 7.54 -42.12 | 124.49 6.32 -55.56 | 126.70 6.58 -54.97 | 130.40 6.47 -56.53 | 131.74 5.92 -65.45 | 128.07 5.91 -60.54 | 128.53 7.24 -42.56 | 134.11 8.91 -9.45 | 174.94 12.16 -12.63 | 175.62 12.17 -13.14 | 161.16 11.91 -2.25 | 162.96 10.23 -24.81 | 150.75 9.17 -48.01 | 125.47 6.67 -51.48 | 121.65 5.78 -49.45 |
| GLENWOOD_IC_2_G1 23688 | 86.47 6.25 -15.74 | 91.48 5.26 -27.80 | 81.30 4.95 -20.06 | 79.04 5.10 -17.27 | 77.56 4.94 -16.48 | 74.23 4.74 -10.97 | 80.00 4.54 -21.39 | 84.18 5.08 -22.63 | 99.54 5.67 -34.16 | 119.75 7.12 -42.12 | 124.18 6.01 -55.56 | 126.38 6.25 -54.97 | 130.13 6.20 -56.53 | 131.50 5.67 -65.45 | 127.82 5.67 -60.54 | 128.21 6.93 -42.56 | 133.65 8.45 -9.45 | 174.19 11.41 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.45 9.72 -24.81 | 150.37 8.80 -48.01 | 125.20 6.40 -51.48 | 121.45 5.58 -49.45 |
| GLENWOOD_IC_3_G1 23689 | 86.47 6.25 -15.74 | 91.48 5.26 -27.80 | 81.30 4.95 -20.06 | 79.04 5.10 -17.27 | 77.56 4.94 -16.48 | 74.23 4.74 -10.97 | 80.00 4.54 -21.39 | 84.18 5.08 -22.63 | 99.54 5.67 -34.16 | 119.75 7.12 -42.12 | 124.18 6.01 -55.56 | 126.38 6.25 -54.97 | 130.13 6.20 -56.53 | 131.50 5.67 -65.45 | 127.82 5.67 -60.54 | 128.21 6.93 -42.56 | 133.65 8.45 -9.45 | 174.19 11.41 -12.63 | 174.86 11.42 -13.14 | 160.57 11.32 -2.25 | 162.45 9.72 -24.81 | 150.37 8.80 -48.01 | 125.20 6.40 -51.48 | 121.45 5.58 -49.45 |

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| GLENWOOD___4 23550 | 86.86 6.64 -15.74 | 91.83 5.61 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.90 5.28 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 99.90 6.03 -34.16 | 120.17 7.54 -42.12 | 124.49 6.32 -55.56 | 126.70 6.58 -54.97 | 130.40 6.47 -56.53 | 131.74 5.92 -65.45 | 128.07 5.91 -60.54 | 128.53 7.24 -42.56 | 134.11 8.91 -9.45 | 174.94 12.16 -12.63 | 175.62 12.17 -13.14 | 161.16 11.91 -2.25 | 162.96 10.23 -24.81 | 150.75 9.17 -48.01 | 125.47 6.67 -51.48 | 121.65 5.78 -49.45 |
| GLENWOOD___5 23614 | 86.86 6.64 -15.74 | 91.83 5.61 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.90 5.28 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 99.90 6.03 -34.16 | 120.17 7.54 -42.12 | 124.49 6.32 -55.56 | 126.70 6.58 -54.97 | 130.40 6.47 -56.53 | 131.74 5.92 -65.45 | 128.07 5.91 -60.54 | 128.53 7.24 -42.56 | 134.11 8.91 -9.45 | 174.94 12.16 -12.63 | 175.62 12.17 -13.14 | 161.16 11.91 -2.25 | 162.96 10.23 -24.81 | 150.75 9.17 -48.01 | 125.47 6.67 -51.48 | 121.65 5.78 -49.45 |
| GLOBAL GREEN_PORT_GT1 23814 | 90.66 10.44 -15.74 | 95.34 9.11 -27.80 | 84.79 8.44 -20.06 | 82.61 8.67 -17.27 | 81.32 8.70 -16.48 | 76.92 7.43 -10.97 | 82.59 7.14 -21.39 | 87.23 8.13 -22.63 | 103.25 9.37 -34.16 | 123.63 11.00 -42.12 | 126.93 8.76 -55.56 | 128.85 8.73 -54.97 | 132.43 8.49 -56.53 | 133.67 7.85 -65.45 | 129.92 7.76 -60.54 | 130.89 9.60 -42.56 | 138.04 12.85 -9.45 | 180.95 18.17 -12.63 | 181.33 17.89 -13.14 | 166.89 17.64 -2.25 | 167.82 15.09 -24.81 | 153.93 12.35 -48.01 | 127.49 8.69 -51.48 | 123.05 7.17 -49.45 |
| GOETHSLN___LBMP 323567 | 86.01 5.80 -15.74 | 86.52 4.67 -23.42 | 86.01 4.45 -25.28 | 84.91 4.65 -23.60 | 83.09 4.44 -22.52 | 78.14 4.62 -15.00 | 86.00 4.43 -27.51 | 86.01 4.80 -24.73 | 105.47 5.25 -40.50 | 132.22 6.77 -54.94 | 136.23 6.01 -67.62 | 140.27 6.38 -68.74 | 146.74 6.27 -73.06 | 151.56 5.73 -85.46 | 147.16 5.79 -79.76 | 144.08 7.09 -58.27 | 137.69 8.80 -13.15 | 179.51 11.86 -17.49 | 180.79 12.32 -18.17 | 162.21 11.91 -3.30 | 172.66 10.62 -34.13 | 168.47 9.17 -65.73 | 141.44 6.60 -67.52 | 139.93 5.91 -67.60 |
| GOUDEY___7 23579 | 70.14 0.58 -5.09 | 60.60 0.58 -1.59 | 58.83 0.56 -1.98 | 57.99 1.30 -0.02 | 56.72 0.56 -0.02 | 59.51 0.99 0.00 | 55.73 0.65 -1.02 | 62.62 0.85 -5.30 | 66.01 0.84 -5.46 | 73.35 1.13 -1.72 | 70.83 0.88 -7.35 | 71.84 1.04 -5.65 | 71.32 0.20 -3.72 | 64.58 0.66 -3.55 | 64.86 0.68 -2.57 | 77.73 0.31 1.31 | 112.48 0.46 3.73 | 147.38 1.05 3.82 | 148.28 1.35 3.38 | 144.52 1.32 3.80 | 125.72 1.15 3.35 | 92.90 0.84 1.51 | 70.79 0.94 -2.52 | 67.10 0.66 -0.02 |
| GOUDEY___8 23580 | 70.08 0.52 -5.09 | 60.54 0.53 -1.59 | 58.83 0.56 -1.98 | 57.93 1.25 -0.02 | 56.66 0.51 -0.02 | 59.51 0.99 0.00 | 55.68 0.59 -1.02 | 62.56 0.79 -5.30 | 65.95 0.78 -5.46 | 73.28 1.06 -1.72 | 70.77 0.81 -7.35 | 71.78 0.98 -5.65 | 71.26 0.13 -3.72 | 64.52 0.60 -3.55 | 64.80 0.62 -2.57 | 77.65 0.24 1.31 | 112.36 0.35 3.73 | 147.23 0.90 3.82 | 148.12 1.20 3.38 | 144.37 1.18 3.80 | 125.59 1.02 3.35 | 92.81 0.75 1.51 | 70.72 0.88 -2.52 | 67.03 0.60 -0.02 |
| GOWANUS_GT1_1 24077 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_2 24078 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_3 24079 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_4 24080 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_5 24084 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_6 24111 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_7 24112 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT1_8 24113 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_1 24114 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_2 24115 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT2_3 24116 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_4 24117 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_5 24118 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_6 24119 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_7 24120 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT2_8 24121 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_1 24122 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_2 24123 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_3 24124 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_4 24125 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_5 24126 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_6 24127 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_7 24128 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT3_8 24129 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_1 24130 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_2 24131 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT4_3 24132 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_4 24133 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_5 24134 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_6 24135 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_7 24136 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GOWANUS_GT4_8 24137 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| GREENIDGE___3 23582 | 64.15 -3.55 -3.23 | 56.54 -2.86 -0.98 | 54.68 -2.81 -1.22 | 54.98 -1.70 -0.01 | 53.12 -3.03 -0.01 | 56.18 -2.34 0.00 | 52.25 -2.70 -0.89 | 57.37 -2.54 -3.44 | 60.61 -2.57 -3.46 | 69.14 -2.75 -1.38 | 64.76 -2.50 -4.66 | 66.19 -2.54 -3.59 | 65.79 -3.98 -2.36 | 59.84 -2.78 -2.25 | 60.45 -2.83 -1.67 | 74.15 -4.33 0.24 | 109.50 -5.56 0.69 | 143.14 -6.31 0.70 | 143.82 -5.86 0.62 | 140.27 -6.03 0.70 | 121.80 -5.50 0.62 | 88.43 -4.87 0.28 | 65.83 -3.10 -1.60 | 62.97 -3.45 -0.01 |
| GREENIDGE___4 23583 | 64.15 -3.55 -3.23 | 56.54 -2.86 -0.98 | 54.68 -2.81 -1.22 | 54.98 -1.70 -0.01 | 53.12 -3.03 -0.01 | 56.18 -2.34 0.00 | 52.25 -2.70 -0.89 | 57.37 -2.54 -3.44 | 60.61 -2.57 -3.46 | 69.14 -2.75 -1.38 | 64.76 -2.50 -4.66 | 66.19 -2.54 -3.59 | 65.79 -3.98 -2.36 | 59.84 -2.78 -2.25 | 60.45 -2.83 -1.67 | 74.15 -4.33 0.24 | 109.50 -5.56 0.69 | 143.14 -6.31 0.70 | 143.82 -5.86 0.62 | 140.27 -6.03 0.70 | 121.80 -5.50 0.62 | 88.43 -4.87 0.28 | 65.83 -3.10 -1.60 | 62.97 -3.45 -0.01 |
| GROVEVILLE___HYD 323602 | 85.34 4.77 -16.09 | 67.89 4.03 -5.44 | 66.74 3.83 -6.63 | 61.46 3.97 -0.83 | 60.70 3.76 -0.79 | 62.88 3.86 -0.50 | 63.39 3.73 -5.60 | 78.17 4.18 -17.52 | 82.30 4.54 -18.06 | 85.54 6.06 -8.97 | 92.60 5.26 -24.74 | 90.33 5.60 -19.58 | 86.67 5.46 -13.80 | 79.14 5.07 -13.70 | 77.50 5.11 -10.78 | 86.75 6.30 -1.73 | 123.25 7.64 0.14 | 160.20 10.06 0.01 | 160.76 10.37 -0.08 | 156.52 10.00 0.47 | 137.49 8.95 -0.62 | 103.47 7.95 -1.95 | 82.94 5.66 -9.96 | 73.62 4.91 -2.29 |
| HAMPSHIRE___PAPER_HYD 323593 | 64.28 -0.19 0.00 | 58.02 -0.41 0.00 | 55.89 -0.39 0.00 | 55.65 -1.02 0.00 | 55.47 -0.67 0.00 | 57.70 -0.82 0.00 | 53.41 -0.65 0.00 | 55.91 -0.56 0.00 | 59.41 -0.30 0.00 | 70.22 -0.28 0.00 | 62.60 0.00 0.00 | 65.21 0.07 0.00 | 67.94 0.54 0.00 | 60.43 0.06 0.00 | 61.61 0.00 0.00 | 77.15 -1.57 0.00 | 112.73 -3.01 0.00 | 146.10 -4.05 0.00 | 146.09 -4.21 0.00 | 142.88 -4.12 0.00 | 124.08 -3.84 0.00 | 91.42 -2.15 0.00 | 67.19 -0.13 0.00 | 65.62 -0.80 0.00 |
| HARZA MOOSE___RIVER 24016 | 64.28 -0.19 0.00 | 58.19 -0.23 0.00 | 56.06 -0.23 0.00 | 56.38 -0.28 0.00 | 55.75 -0.39 0.00 | 58.23 -0.29 0.00 | 53.85 -0.22 0.00 | 56.42 -0.06 0.00 | 59.83 0.12 0.00 | 70.79 0.28 0.00 | 62.92 0.31 0.00 | 65.60 0.46 0.00 | 67.81 0.40 0.00 | 60.61 0.24 0.00 | 61.92 0.31 0.00 | 78.33 -0.39 0.00 | 114.70 -1.04 0.00 | 149.10 -1.05 0.00 | 149.25 -1.05 0.00 | 145.97 -1.03 0.00 | 126.76 -1.15 0.00 | 93.01 -0.56 0.00 | 67.46 0.13 0.00 | 65.95 -0.46 0.00 |
| HEMPSTEAD___ 23647 | 86.98 6.77 -15.74 | 91.89 5.67 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.96 5.33 -16.48 | 74.17 4.68 -10.97 | 80.05 4.60 -21.39 | 84.41 5.31 -22.63 | 99.90 6.03 -34.16 | 120.03 7.40 -42.12 | 124.18 6.01 -55.56 | 126.31 6.19 -54.97 | 130.00 6.07 -56.53 | 131.44 5.61 -65.45 | 127.64 5.48 -60.54 | 127.90 6.61 -42.56 | 133.07 7.87 -9.45 | 173.74 10.96 -12.63 | 174.11 10.67 -13.14 | 159.83 10.58 -2.25 | 161.55 8.83 -24.81 | 149.91 8.33 -48.01 | 124.93 6.13 -51.48 | 121.12 5.25 -49.45 |
| HICKLING___1 23621 | 69.66 1.29 -3.90 | 60.96 1.29 -1.25 | 59.07 1.24 -1.55 | 59.12 2.44 -0.01 | 57.39 1.24 -0.01 | 60.57 2.05 0.00 | 56.05 1.41 -0.58 | 62.33 1.86 -4.00 | 65.74 1.85 -4.18 | 74.04 2.47 -1.07 | 70.36 2.13 -5.63 | 71.82 2.35 -4.33 | 71.13 0.88 -2.85 | 64.72 1.63 -2.72 | 65.21 1.66 -1.93 | 78.57 1.34 1.50 | 114.26 2.78 4.26 | 150.44 4.65 4.37 | 151.70 5.26 3.86 | 147.51 4.85 4.34 | 128.18 4.09 3.82 | 94.18 2.34 1.73 | 71.35 2.09 -1.93 | 67.96 1.53 -0.01 |
| HICKLING___2 23622 | 69.66 1.29 -3.90 | 60.96 1.29 -1.25 | 59.07 1.24 -1.55 | 59.12 2.44 -0.01 | 57.39 1.24 -0.01 | 60.57 2.05 0.00 | 56.05 1.41 -0.58 | 62.33 1.86 -4.00 | 65.74 1.85 -4.18 | 74.04 2.47 -1.07 | 70.36 2.13 -5.63 | 71.82 2.35 -4.33 | 71.13 0.88 -2.85 | 64.72 1.63 -2.72 | 65.21 1.66 -1.93 | 78.57 1.34 1.50 | 114.26 2.78 4.26 | 150.44 4.65 4.37 | 151.70 5.26 3.86 | 147.51 4.85 4.34 | 128.18 4.09 3.82 | 94.18 2.34 1.73 | 71.35 2.09 -1.93 | 67.96 1.53 -0.01 |
| HIGH FALLS___HY 23754 | 85.99 5.67 -15.85 | 68.02 4.85 -4.74 | 66.74 4.56 -5.90 | 61.42 4.70 -0.05 | 60.62 4.44 -0.05 | 63.14 4.62 0.00 | 63.32 4.49 -4.77 | 78.50 5.03 -17.00 | 82.21 5.49 -17.01 | 85.11 7.33 -7.27 | 91.88 6.39 -22.89 | 89.53 6.78 -17.61 | 85.66 6.67 -11.58 | 77.64 6.22 -11.05 | 76.17 6.28 -8.27 | 86.31 7.79 0.21 | 125.22 10.07 0.60 | 162.60 13.06 0.61 | 163.29 13.53 0.54 | 159.47 13.08 0.61 | 138.89 11.51 0.54 | 102.97 9.64 0.24 | 81.92 6.73 -7.86 | 72.44 5.98 -0.05 |
| HILLBURN___GT 23639 | 84.21 4.64 -15.09 | 62.82 3.86 -0.54 | 61.48 3.71 -1.49 | 55.56 3.85 4.96 | 55.06 3.65 4.74 | 59.02 3.69 3.19 | 57.43 3.68 0.31 | 75.06 4.07 -14.52 | 75.43 4.54 -11.18 | 73.12 5.85 3.23 | 79.93 5.07 -12.26 | 76.43 5.41 -5.87 | 70.60 5.26 2.06 | 59.89 4.83 5.31 | 59.15 4.87 7.33 | 71.98 5.90 12.65 | 119.26 7.06 3.54 | 155.42 9.76 4.49 | 155.83 10.07 4.54 | 155.24 9.70 1.46 | 128.56 8.57 7.93 | 87.06 7.77 14.28 | 67.63 5.52 5.21 | 56.88 4.78 14.32 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| HOLTSVILLE_IC_1 23690 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.40 5.28 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.64 8.86 -12.63 | 171.56 8.12 -13.14 | 157.63 8.38 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.19 4.32 -49.45 |
| HOLTSVILLE_IC_10 23699 | 88.02 7.80 -15.74 | 93.00 6.78 -27.80 | 82.53 6.19 -20.06 | 80.28 6.35 -17.27 | 78.97 6.34 -16.48 | 74.64 5.15 -10.97 | 80.54 5.08 -21.39 | 84.80 5.70 -22.63 | 100.44 6.57 -34.16 | 120.10 7.47 -42.12 | 123.86 5.70 -55.56 | 125.79 5.67 -54.97 | 129.46 5.53 -56.53 | 130.95 5.13 -65.45 | 127.14 4.99 -60.54 | 127.34 6.06 -42.56 | 132.26 7.06 -9.45 | 172.84 10.06 -12.63 | 172.76 9.32 -13.14 | 158.80 9.55 -2.25 | 160.78 8.06 -24.81 | 149.25 7.67 -48.01 | 124.46 5.66 -51.48 | 120.52 4.65 -49.45 |
| HOLTSVILLE_IC_2 23691 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.40 5.28 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.64 8.86 -12.63 | 171.56 8.12 -13.14 | 157.63 8.38 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.19 4.32 -49.45 |
| HOLTSVILLE_IC_3 23692 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.40 5.28 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.64 8.86 -12.63 | 171.56 8.12 -13.14 | 157.63 8.38 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.19 4.32 -49.45 |
| HOLTSVILLE_IC_4 23693 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.40 5.28 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.64 8.86 -12.63 | 171.56 8.12 -13.14 | 157.63 8.38 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.19 4.32 -49.45 |
| HOLTSVILLE_IC_5 23694 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.40 5.28 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.64 8.86 -12.63 | 171.56 8.12 -13.14 | 157.63 8.38 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.19 4.32 -49.45 |
| HOLTSVILLE_IC_6 23695 | 88.02 7.80 -15.74 | 93.00 6.78 -27.80 | 82.53 6.19 -20.06 | 80.28 6.35 -17.27 | 78.97 6.34 -16.48 | 74.64 5.15 -10.97 | 80.54 5.08 -21.39 | 84.80 5.70 -22.63 | 100.44 6.57 -34.16 | 120.10 7.47 -42.12 | 123.86 5.70 -55.56 | 125.79 5.67 -54.97 | 129.46 5.53 -56.53 | 130.95 5.13 -65.45 | 127.14 4.99 -60.54 | 127.34 6.06 -42.56 | 132.26 7.06 -9.45 | 172.84 10.06 -12.63 | 172.76 9.32 -13.14 | 158.80 9.55 -2.25 | 160.78 8.06 -24.81 | 149.25 7.67 -48.01 | 124.46 5.66 -51.48 | 120.52 4.65 -49.45 |
| HOLTSVILLE_IC_7 23696 | 88.02 7.80 -15.74 | 93.00 6.78 -27.80 | 82.53 6.19 -20.06 | 80.28 6.35 -17.27 | 78.97 6.34 -16.48 | 74.64 5.15 -10.97 | 80.54 5.08 -21.39 | 84.80 5.70 -22.63 | 100.44 6.57 -34.16 | 120.10 7.47 -42.12 | 123.86 5.70 -55.56 | 125.79 5.67 -54.97 | 129.46 5.53 -56.53 | 130.95 5.13 -65.45 | 127.14 4.99 -60.54 | 127.34 6.06 -42.56 | 132.26 7.06 -9.45 | 172.84 10.06 -12.63 | 172.76 9.32 -13.14 | 158.80 9.55 -2.25 | 160.78 8.06 -24.81 | 149.25 7.67 -48.01 | 124.46 5.66 -51.48 | 120.52 4.65 -49.45 |
| HOLTSVILLE_IC_8 23697 | 88.02 7.80 -15.74 | 93.00 6.78 -27.80 | 82.53 6.19 -20.06 | 80.28 6.35 -17.27 | 78.97 6.34 -16.48 | 74.64 5.15 -10.97 | 80.54 5.08 -21.39 | 84.80 5.70 -22.63 | 100.44 6.57 -34.16 | 120.10 7.47 -42.12 | 123.86 5.70 -55.56 | 125.79 5.67 -54.97 | 129.46 5.53 -56.53 | 130.95 5.13 -65.45 | 127.14 4.99 -60.54 | 127.34 6.06 -42.56 | 132.26 7.06 -9.45 | 172.84 10.06 -12.63 | 172.76 9.32 -13.14 | 158.80 9.55 -2.25 | 160.78 8.06 -24.81 | 149.25 7.67 -48.01 | 124.46 5.66 -51.48 | 120.52 4.65 -49.45 |
| HOLTSVILLE_IC_9 23698 | 88.02 7.80 -15.74 | 93.00 6.78 -27.80 | 82.53 6.19 -20.06 | 80.28 6.35 -17.27 | 78.97 6.34 -16.48 | 74.64 5.15 -10.97 | 80.54 5.08 -21.39 | 84.80 5.70 -22.63 | 100.44 6.57 -34.16 | 120.10 7.47 -42.12 | 123.86 5.70 -55.56 | 125.79 5.67 -54.97 | 129.46 5.53 -56.53 | 130.95 5.13 -65.45 | 127.14 4.99 -60.54 | 127.34 6.06 -42.56 | 132.26 7.06 -9.45 | 172.84 10.06 -12.63 | 172.76 9.32 -13.14 | 158.80 9.55 -2.25 | 160.78 8.06 -24.81 | 149.25 7.67 -48.01 | 124.46 5.66 -51.48 | 120.52 4.65 -49.45 |
| HQ_GEN_CEDARS 23644 | 64.34 -0.13 0.00 | 57.96 -0.47 0.00 | 55.77 -0.51 0.00 | 55.08 -1.59 0.00 | 55.47 -0.67 0.00 | 57.41 -1.11 0.00 | 53.14 -0.92 0.00 | 55.40 -1.07 0.00 | 58.93 -0.78 0.00 | 69.45 -1.06 0.00 | 61.98 -0.63 0.00 | 64.50 -0.65 0.00 | 67.67 0.27 0.00 | 60.07 -0.30 0.00 | 61.06 -0.55 0.00 | 77.86 -0.87 0.00 | 115.51 -0.23 0.00 | 149.55 -0.60 0.00 | 149.55 -0.75 0.00 | 146.26 -0.73 0.00 | 127.15 -0.77 0.00 | 92.45 -1.12 0.00 | 66.52 -0.81 0.00 | 66.15 -0.27 0.00 |
| HQ_GEN_IMPORT 323601 | 63.57 -0.90 0.00 | 57.49 -0.93 0.00 | 55.38 -0.90 0.00 | 55.25 -1.42 0.00 | 55.30 -0.84 0.00 | 55.35 -1.11 2.06 | 55.20 -0.92 -2.06 | 55.40 -1.07 0.00 | 58.64 -1.07 0.00 | 69.10 -1.41 0.00 | 61.48 -1.13 0.00 | 63.97 -1.17 0.00 | 66.73 -0.67 0.00 | 59.46 -0.91 0.00 | 55.27 -0.99 5.36 | 55.36 -0.87 22.50 | 143.60 0.00 -27.86 | 150.00 -0.15 0.00 | 150.00 -0.30 0.00 | 146.70 -0.29 0.00 | 150.00 -0.26 -22.34 | 70.11 -1.12 22.34 | 76.33 -1.21 -10.21 | 55.21 -1.00 10.21 |
| HQ_GEN_WHEEL 23651 | 63.57 -0.90 0.00 | 57.49 -0.93 0.00 | 55.38 -0.90 0.00 | 55.25 -1.42 0.00 | 55.30 -0.84 0.00 | 55.35 -1.11 2.06 | 55.20 -0.92 -2.06 | 55.40 -1.07 0.00 | 58.64 -1.07 0.00 | 69.10 -1.41 0.00 | 61.48 -1.13 0.00 | 63.97 -1.17 0.00 | 66.73 -0.67 0.00 | 59.46 -0.91 0.00 | 55.27 -0.99 0.00 | 55.36 -0.87 0.00 | 143.60 0.00 0.00 | 150.00 -0.15 0.00 | 150.00 -0.30 0.00 | 146.70 -0.29 0.00 | 150.00 -0.26 0.00 | 70.11 -1.12 0.00 | 76.33 -1.21 0.00 | 55.21 -1.00 0.22 |
| HUDSON AVE_GT_3 23810 | 86.27 6.06 -15.74 | 86.87 5.02 -23.42 | 86.34 4.78 -25.28 | 85.25 4.99 -23.60 | 83.38 4.72 -22.52 | 78.44 4.92 -15.00 | 86.27 4.70 -27.51 | 86.35 5.14 -24.73 | 105.76 5.55 -40.50 | 132.50 7.05 -54.94 | 136.42 6.20 -67.62 | 140.47 6.58 -68.74 | 147.01 6.54 -73.06 | 151.80 5.98 -85.46 | 147.35 5.98 -79.76 | 144.39 7.40 -58.27 | 138.03 9.14 -13.15 | 179.96 12.31 -17.49 | 181.10 12.63 -18.17 | 162.65 12.35 -3.30 | 172.91 10.87 -34.13 | 168.75 9.45 -65.73 | 141.71 6.87 -67.52 | 140.13 6.11 -67.60 |
| HUDSON AVE_GT_4 23540 | 86.27 6.06 -15.74 | 86.87 5.02 -23.42 | 86.34 4.78 -25.28 | 85.25 4.99 -23.60 | 83.38 4.72 -22.52 | 78.44 4.92 -15.00 | 86.27 4.70 -27.51 | 86.35 5.14 -24.73 | 105.76 5.55 -40.50 | 132.50 7.05 -54.94 | 136.42 6.20 -67.62 | 140.47 6.58 -68.74 | 147.01 6.54 -73.06 | 151.80 5.98 -85.46 | 147.35 5.98 -79.76 | 144.39 7.40 -58.27 | 138.03 9.14 -13.15 | 179.96 12.31 -17.49 | 181.10 12.63 -18.17 | 162.65 12.35 -3.30 | 172.91 10.87 -34.13 | 168.75 9.45 -65.73 | 141.71 6.87 -67.52 | 140.13 6.11 -67.60 |
| HUDSON AVE_GT_5 23657 | 86.27 6.06 -15.74 | 86.87 5.02 -23.42 | 86.34 4.78 -25.28 | 85.25 4.99 -23.60 | 83.38 4.72 -22.52 | 78.44 4.92 -15.00 | 86.27 4.70 -27.51 | 86.35 5.14 -24.73 | 105.76 5.55 -40.50 | 132.50 7.05 -54.94 | 136.42 6.20 -67.62 | 140.47 6.58 -68.74 | 147.01 6.54 -73.06 | 151.80 5.98 -85.46 | 147.35 5.98 -79.76 | 144.39 7.40 -58.27 | 138.03 9.14 -13.15 | 179.96 12.31 -17.49 | 181.10 12.63 -18.17 | 162.65 12.35 -3.30 | 172.91 10.87 -34.13 | 168.75 9.45 -65.73 | 141.71 6.87 -67.52 | 140.13 6.11 -67.60 |

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| HUDSON_AVE_10 24168 | 86.08 5.87 -15.74 | 86.70 4.85 -23.42 | 86.18 4.61 -25.28 | 85.08 4.82 -23.60 | 83.21 4.55 -22.52 | 78.26 4.74 -15.00 | 86.11 4.54 -27.51 | 86.18 4.97 -24.73 | 105.58 5.37 -40.50 | 132.29 6.84 -54.94 | 136.16 5.95 -67.62 | 140.21 6.32 -68.74 | 146.67 6.20 -73.06 | 151.50 5.67 -85.46 | 147.10 5.73 -79.76 | 144.00 7.01 -58.27 | 137.57 8.68 -13.15 | 179.06 11.41 -17.49 | 180.19 11.72 -18.17 | 161.77 11.47 -3.30 | 172.27 10.23 -34.13 | 168.38 9.08 -65.73 | 141.38 6.53 -67.52 | 139.93 5.91 -67.60 |
| HUNTLEY___63 23557 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| HUNTLEY___64 23558 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| HUNTLEY___65 23559 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| HUNTLEY___66 23560 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| HUNTLEY___67 23561 | 55.94 -8.64 -0.11 | 51.71 -7.54 -0.83 | 49.99 -7.32 -1.03 | 51.74 -4.93 -0.01 | 48.91 -7.24 -0.01 | 52.49 -6.03 0.00 | 41.08 -7.30 5.69 | 47.35 -7.45 1.67 | 51.33 -8.48 -0.10 | 53.69 -9.94 6.88 | 53.85 -8.89 -0.14 | 56.00 -9.25 -0.10 | 55.07 -12.40 -0.06 | 51.31 -9.12 -0.06 | 51.33 -9.37 0.92 | 51.99 -12.83 13.91 | 58.90 -17.25 39.60 | 87.48 -22.07 40.60 | 92.48 -21.94 35.88 | 84.90 -21.76 40.34 | 73.43 -18.93 35.56 | 61.59 -15.91 16.07 | 57.34 -10.03 -0.04 | 56.13 -10.29 -0.01 |
| HUNTLEY___68 23562 | 55.94 -8.64 -0.11 | 51.71 -7.54 -0.83 | 49.99 -7.32 -1.03 | 51.74 -4.93 -0.01 | 48.91 -7.24 -0.01 | 52.49 -6.03 0.00 | 41.08 -7.30 5.69 | 47.35 -7.45 1.67 | 51.33 -8.48 -0.10 | 53.69 -9.94 6.88 | 53.85 -8.89 -0.14 | 56.00 -9.25 -0.10 | 55.07 -12.40 -0.06 | 51.31 -9.12 -0.06 | 51.33 -9.37 0.92 | 51.99 -12.83 13.91 | 58.90 -17.25 39.60 | 87.48 -22.07 40.60 | 92.48 -21.94 35.88 | 84.90 -21.76 40.34 | 73.43 -18.93 35.56 | 61.59 -15.91 16.07 | 57.34 -10.03 -0.04 | 56.13 -10.29 -0.01 |
| INDECK___CORINTH 23802 | 88.29 3.09 -20.73 | 69.46 4.85 -6.19 | 68.42 4.45 -7.69 | 61.26 4.53 -0.06 | 60.64 4.44 -0.06 | 62.91 4.39 0.00 | 64.96 4.54 -6.35 | 83.20 4.46 -22.26 | 85.48 3.52 -22.24 | 84.52 4.37 -9.64 | 98.18 5.63 -29.94 | 93.58 5.41 -23.03 | 88.07 5.53 -15.14 | 79.90 5.07 -14.46 | 78.12 5.67 -10.84 | 85.73 7.01 0.00 | 118.87 3.13 0.00 | 154.50 4.35 0.00 | 153.76 3.46 0.00 | 150.67 3.67 0.00 | 130.86 2.94 0.00 | 100.96 7.39 0.00 | 82.79 5.18 -10.28 | 70.33 3.85 -0.06 |
| INDECK___ILION 23567 | 65.67 1.55 0.35 | 59.66 1.34 0.11 | 57.44 1.29 0.13 | 58.03 1.36 0.00 | 57.43 1.29 0.00 | 59.92 1.40 0.00 | 55.30 1.35 0.11 | 57.62 1.52 0.38 | 61.00 1.67 0.38 | 72.46 2.12 0.16 | 63.97 1.88 0.51 | 66.77 2.02 0.39 | 69.17 2.02 0.26 | 61.87 1.75 0.25 | 63.28 1.85 0.18 | 80.93 2.20 0.00 | 118.87 3.13 0.00 | 154.65 4.50 0.00 | 154.81 4.51 0.00 | 151.41 4.41 0.00 | 131.62 3.71 0.00 | 96.38 2.81 0.00 | 69.10 1.95 0.18 | 68.14 1.73 0.00 |
| INDECK___OLEAN 23982 | 63.11 -2.19 -0.83 | 57.54 -1.81 -0.93 | 55.63 -1.80 -1.15 | 56.90 0.23 -0.01 | 54.41 -1.74 -0.01 | 57.88 -0.64 0.00 | 47.85 -1.57 4.64 | 55.11 -0.73 0.63 | 59.34 -1.25 -0.88 | 63.70 -1.27 5.54 | 62.66 -1.13 -1.19 | 65.02 -1.04 -0.91 | 64.43 -3.57 -0.60 | 59.25 -1.69 -0.57 | 59.43 -1.79 0.40 | 63.51 -3.31 11.90 | 78.72 -3.13 33.90 | 112.69 -2.70 34.76 | 117.33 -2.25 30.71 | 110.41 -2.06 34.53 | 95.17 -2.30 30.44 | 76.17 -3.65 13.76 | 65.91 -1.82 -0.40 | 63.97 -2.46 -0.01 |
| INDECK___OSWEGO 23783 | 63.47 -2.45 -1.45 | 56.74 -2.10 -0.42 | 54.72 -2.08 -0.52 | 54.97 -1.70 0.00 | 53.96 -2.19 0.00 | 56.59 -1.93 0.00 | 52.64 -1.95 -0.52 | 56.08 -1.98 -1.58 | 59.12 -2.15 -1.56 | 68.60 -2.68 -0.77 | 62.19 -2.50 -2.09 | 64.22 -2.54 -1.61 | 65.36 -3.10 -1.06 | 58.90 -2.48 -1.01 | 59.86 -2.53 -0.77 | 75.29 -3.62 -0.19 | 110.84 -5.44 -0.54 | 143.79 -6.91 -0.55 | 144.02 -6.76 -0.49 | 140.78 -6.76 -0.55 | 122.38 -6.01 -0.48 | 89.39 -4.40 -0.22 | 65.35 -2.69 -0.72 | 63.83 -2.59 0.00 |
| INDECK___YERKES 23781 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| INDIAN POINT_GT_1 24139 | 85.05 4.96 -15.61 | 61.47 4.15 1.10 | 60.04 3.94 0.18 | 53.58 4.14 7.22 | 53.18 3.93 6.89 | 57.87 3.98 4.63 | 55.62 3.89 2.33 | 75.03 4.24 -14.32 | 73.84 4.66 -9.47 | 68.93 5.99 7.57 | 76.56 5.26 -8.70 | 72.21 5.54 -1.53 | 65.27 5.46 7.60 | 53.28 5.01 12.10 | 52.74 5.05 13.93 | 66.60 6.14 18.26 | 118.30 7.41 4.85 | 153.85 9.91 6.21 | 154.20 10.22 6.33 | 155.16 10.00 1.83 | 125.50 8.83 11.24 | 80.92 7.95 20.61 | 62.36 5.72 10.69 | 50.66 5.05 20.81 |
| INDIAN POINT_GT_2 23659 | 85.05 4.96 -15.61 | 61.47 4.15 1.10 | 60.04 3.94 0.18 | 53.58 4.14 7.22 | 53.18 3.93 6.89 | 57.87 3.98 4.63 | 55.62 3.89 2.33 | 75.03 4.24 -14.32 | 73.84 4.66 -9.47 | 68.93 5.99 7.57 | 76.56 5.26 -8.70 | 72.21 5.54 -1.53 | 65.27 5.46 7.60 | 53.28 5.01 12.10 | 52.74 5.05 13.93 | 66.60 6.14 18.26 | 118.30 7.41 4.85 | 153.85 9.91 6.21 | 154.20 10.22 6.33 | 155.16 10.00 1.83 | 125.50 8.83 11.24 | 80.92 7.95 20.61 | 62.36 5.72 10.69 | 50.66 5.05 20.81 |
| INDIAN POINT_GT_3 24019 | 85.05 4.96 -15.61 | 61.47 4.15 1.10 | 60.04 3.94 0.18 | 53.58 4.14 7.22 | 53.18 3.93 6.89 | 57.87 3.98 4.63 | 55.62 3.89 2.33 | 75.03 4.24 -14.32 | 73.84 4.66 -9.47 | 68.93 5.99 7.57 | 76.56 5.26 -8.70 | 72.21 5.54 -1.53 | 65.27 5.46 7.60 | 53.28 5.01 12.10 | 52.74 5.05 13.93 | 66.60 6.14 18.26 | 118.30 7.41 4.85 | 153.85 9.91 6.21 | 154.20 10.22 6.33 | 155.16 10.00 1.83 | 125.50 8.83 11.24 | 80.92 7.95 20.61 | 62.36 5.72 10.69 | 50.66 5.05 20.81 |
| INDIAN POINT___2 23530 | 84.62 4.71 -15.44 | 61.17 3.91 1.17 | 59.78 3.77 0.27 | 53.33 3.91 7.25 | 52.93 3.71 6.92 | 57.62 3.75 4.65 | 55.33 3.68 2.41 | 74.67 4.07 -14.13 | 73.45 4.48 -9.26 | 68.58 5.78 7.70 | 76.02 5.01 -8.41 | 71.77 5.34 -1.28 | 64.81 5.19 7.79 | 52.84 4.77 12.30 | 52.32 4.81 14.10 | 66.22 5.83 18.33 | 117.82 6.94 4.87 | 153.37 9.46 6.24 | 153.72 9.77 6.35 | 154.72 9.55 1.84 | 124.94 8.31 11.29 | 80.47 7.58 20.68 | 61.94 5.45 10.84 | 50.32 4.78 20.88 |

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| INDIAN POINT___3 23531 | 84.80 4.71 -15.62 | 61.63 3.97 0.77 | 60.21 3.77 -0.16 | 53.77 3.91 6.81 | 53.35 3.71 6.50 | 57.96 3.80 4.37 | 55.81 3.68 1.93 | 75.00 4.07 -14.46 | 74.08 4.48 -9.89 | 69.56 5.78 6.73 | 77.11 5.01 -9.50 | 72.92 5.34 -2.43 | 66.09 5.19 6.51 | 54.35 4.77 10.78 | 53.75 4.81 12.67 | 67.32 5.83 17.23 | 118.08 6.94 4.61 | 153.72 9.46 5.89 | 153.92 9.62 6.00 | 154.65 9.41 1.76 | 125.59 8.31 10.63 | 81.70 7.58 19.45 | 63.15 5.45 9.63 | 51.58 4.78 19.62 |
| IP CORINTH___1 23988 | 88.75 3.55 -20.73 | 69.87 5.26 -6.19 | 68.76 4.78 -7.69 | 61.60 4.87 -0.06 | 60.97 4.77 -0.06 | 63.26 4.74 0.00 | 65.17 4.76 -6.35 | 83.48 4.74 -22.26 | 85.78 3.82 -22.24 | 84.87 4.72 -9.64 | 98.55 6.01 -29.94 | 94.04 5.86 -23.03 | 88.48 5.93 -15.14 | 80.26 5.43 -14.46 | 78.49 6.04 -10.84 | 86.12 7.40 0.00 | 119.45 3.70 0.00 | 155.41 5.26 0.00 | 154.66 4.36 0.00 | 151.55 4.56 0.00 | 131.62 3.71 0.00 | 101.53 7.95 0.00 | 83.26 5.66 -10.28 | 70.80 4.32 -0.06 |
| IP___TICONDEROGA 23804 | 91.21 6.71 -20.03 | 71.59 7.19 -5.98 | 70.47 6.75 -7.44 | 63.64 6.91 -0.06 | 62.88 6.68 -0.06 | 65.37 6.85 0.00 | 66.74 6.54 -6.14 | 84.88 6.89 -21.52 | 88.43 7.22 -21.50 | 88.78 8.95 -9.32 | 100.17 8.64 -28.93 | 96.20 8.79 -22.25 | 90.87 8.83 -14.63 | 82.37 8.03 -13.97 | 80.53 8.44 -10.47 | 89.27 10.55 0.00 | 125.81 10.07 0.00 | 163.96 13.81 0.00 | 162.78 12.47 0.00 | 158.90 11.91 0.00 | 138.27 10.36 0.00 | 105.55 11.98 0.00 | 85.81 8.55 -9.93 | 73.85 7.37 -0.06 |
| JARVIS____ 23743 | 64.70 0.58 0.35 | 58.84 0.53 0.11 | 56.71 0.56 0.13 | 57.23 0.57 0.00 | 56.70 0.56 0.00 | 59.10 0.59 0.00 | 54.55 0.59 0.11 | 56.71 0.62 0.38 | 59.99 0.66 0.38 | 71.12 0.78 0.16 | 62.78 0.69 0.51 | 65.47 0.72 0.39 | 67.82 0.67 0.26 | 60.72 0.60 0.25 | 62.11 0.68 0.18 | 79.51 0.79 0.00 | 116.55 0.81 0.00 | 151.20 1.05 0.00 | 151.50 1.20 0.00 | 148.17 1.18 0.00 | 128.94 1.02 0.00 | 94.51 0.94 0.00 | 67.89 0.74 0.18 | 67.02 0.60 0.00 |
| JENNISON___1 23625 | 71.39 1.55 -5.37 | 61.48 1.40 -1.65 | 59.63 1.29 -2.05 | 58.55 1.87 -0.02 | 57.34 1.18 -0.02 | 60.16 1.64 0.00 | 56.83 1.46 -1.31 | 64.06 1.92 -5.67 | 67.57 2.09 -5.76 | 75.42 2.82 -2.09 | 72.87 2.50 -7.76 | 73.85 2.74 -5.97 | 73.35 2.02 -3.92 | 66.17 2.05 -3.75 | 66.52 2.16 -2.75 | 80.18 2.28 0.83 | 116.87 3.47 2.35 | 153.15 5.41 2.41 | 153.73 5.56 2.13 | 149.89 5.29 2.39 | 130.28 4.48 2.11 | 95.71 3.09 0.95 | 72.28 2.29 -2.66 | 68.16 1.73 -0.02 |
| JENNISON___2 23626 | 71.33 1.48 -5.37 | 61.42 1.34 -1.65 | 59.57 1.24 -2.05 | 58.50 1.81 -0.02 | 57.28 1.12 -0.02 | 60.10 1.58 0.00 | 56.77 1.41 -1.31 | 63.95 1.81 -5.67 | 67.51 2.03 -5.76 | 75.34 2.75 -2.09 | 72.80 2.44 -7.76 | 73.79 2.67 -5.97 | 73.28 1.95 -3.92 | 66.05 1.93 -3.75 | 66.46 2.09 -2.75 | 80.10 2.20 0.83 | 116.63 3.24 2.35 | 152.84 5.11 2.41 | 153.58 5.41 2.13 | 149.75 5.14 2.39 | 130.02 4.22 2.11 | 95.61 2.99 0.95 | 72.21 2.22 -2.66 | 68.09 1.66 -0.02 |
| KEDC PORT_JEFF_GT2 24210 | 87.82 7.61 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.46 4.97 -10.97 | 80.37 4.92 -21.39 | 84.63 5.53 -22.63 | 100.20 6.33 -34.16 | 119.61 6.98 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.33 6.13 -9.45 | 171.64 8.86 -12.63 | 171.26 7.82 -13.14 | 157.48 8.23 -2.25 | 159.76 7.04 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 120.12 4.25 -49.45 |
| KEDC PORT_JEFF_GT3 24211 | 87.82 7.61 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.46 4.97 -10.97 | 80.37 4.92 -21.39 | 84.63 5.53 -22.63 | 100.20 6.33 -34.16 | 119.61 6.98 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.33 6.13 -9.45 | 171.64 8.86 -12.63 | 171.26 7.82 -13.14 | 157.48 8.23 -2.25 | 159.76 7.04 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 120.12 4.25 -49.45 |
| KEDC_GLWD_GT4 24219 | 86.86 6.64 -15.74 | 91.83 5.61 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.90 5.28 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 99.90 6.03 -34.16 | 120.17 7.54 -42.12 | 124.49 6.32 -55.56 | 126.70 6.58 -54.97 | 130.40 6.47 -56.53 | 131.74 5.92 -65.45 | 128.07 5.91 -60.54 | 128.53 7.24 -42.56 | 134.11 8.91 -9.45 | 174.94 12.16 -12.63 | 175.62 12.17 -13.14 | 161.16 11.91 -2.25 | 162.96 10.23 -24.81 | 150.75 9.17 -48.01 | 125.47 6.67 -51.48 | 121.65 5.78 -49.45 |
| KEDC_GLWD_GT5 24220 | 86.86 6.64 -15.74 | 91.83 5.61 -27.80 | 81.58 5.23 -20.06 | 79.32 5.38 -17.27 | 77.90 5.28 -16.48 | 74.41 4.92 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 99.90 6.03 -34.16 | 120.17 7.54 -42.12 | 124.49 6.32 -55.56 | 126.70 6.58 -54.97 | 130.40 6.47 -56.53 | 131.74 5.92 -65.45 | 128.07 5.91 -60.54 | 128.53 7.24 -42.56 | 134.11 8.91 -9.45 | 174.94 12.16 -12.63 | 175.62 12.17 -13.14 | 161.16 11.91 -2.25 | 162.96 10.23 -24.81 | 150.75 9.17 -48.01 | 125.47 6.67 -51.48 | 121.65 5.78 -49.45 |
| KENSICO____ 23655 | 85.60 5.42 -15.71 | 60.66 4.56 2.32 | 59.17 4.33 1.45 | 52.34 4.48 8.80 | 52.01 4.27 8.39 | 57.27 4.39 5.63 | 54.45 4.22 3.82 | 75.01 4.63 -13.90 | 72.72 5.02 -8.00 | 66.21 6.42 10.72 | 74.08 5.63 -5.84 | 69.29 5.93 1.79 | 61.63 5.86 11.64 | 48.73 5.37 17.01 | 48.37 5.42 18.66 | 63.16 6.61 22.17 | 118.08 8.10 5.77 | 153.54 10.81 7.42 | 153.85 11.12 7.58 | 155.79 10.88 2.09 | 123.94 9.59 13.56 | 77.06 8.52 25.02 | 58.82 6.13 14.63 | 46.54 5.45 25.33 |
| KIAC_JFK_GT1 23816 | 86.27 6.06 -15.74 | 86.81 4.97 -23.42 | 86.29 4.73 -25.28 | 85.19 4.93 -23.60 | 83.32 4.66 -22.52 | 78.38 4.86 -15.00 | 86.22 4.65 -27.51 | 86.23 5.03 -24.73 | 105.64 5.43 -40.50 | 132.36 6.91 -54.94 | 136.10 5.88 -67.62 | 140.14 6.25 -68.74 | 146.67 6.20 -73.06 | 151.50 5.67 -85.46 | 147.04 5.67 -79.76 | 144.00 7.01 -58.27 | 137.57 8.68 -13.15 | 178.15 10.51 -17.49 | 179.44 10.97 -18.17 | 161.18 10.88 -3.30 | 172.02 9.98 -34.13 | 168.38 9.08 -65.73 | 141.38 6.53 -67.52 | 140.07 6.04 -67.60 |
| KIAC_JFK_GT2 23817 | 86.27 6.06 -15.74 | 86.81 4.97 -23.42 | 86.29 4.73 -25.28 | 85.19 4.93 -23.60 | 83.32 4.66 -22.52 | 78.38 4.86 -15.00 | 86.22 4.65 -27.51 | 86.23 5.03 -24.73 | 105.64 5.43 -40.50 | 132.36 6.91 -54.94 | 136.10 5.88 -67.62 | 140.14 6.25 -68.74 | 146.67 6.20 -73.06 | 151.50 5.67 -85.46 | 147.04 5.67 -79.76 | 144.00 7.01 -58.27 | 137.57 8.68 -13.15 | 178.15 10.51 -17.49 | 179.44 10.97 -18.17 | 161.18 10.88 -3.30 | 172.02 9.98 -34.13 | 168.38 9.08 -65.73 | 141.38 6.53 -67.52 | 140.07 6.04 -67.60 |
| KINTIGH____ 23543 | 54.49 -9.48 0.51 | 51.07 -8.06 -0.71 | 49.28 -7.88 -0.88 | 50.84 -5.84 -0.01 | 48.18 -7.97 -0.01 | 51.56 -6.96 0.00 | 39.82 -7.89 6.35 | 45.75 -8.25 2.48 | 50.19 -8.96 0.56 | 52.19 -10.58 7.74 | 52.39 -9.45 0.76 | 54.73 -9.84 0.58 | 54.41 -12.60 0.39 | 50.46 -9.54 0.37 | 50.43 -9.86 1.32 | 50.36 -13.30 15.06 | 54.79 -18.06 42.90 | 82.74 -23.42 43.99 | 88.13 -23.30 38.87 | 80.22 -23.08 43.70 | 69.31 -20.08 38.52 | 59.69 -16.47 17.41 | 56.42 -10.64 0.26 | 55.67 -10.76 -0.01 |
| LEDERLE____ 23769 | 84.90 5.22 -15.20 | 63.03 4.38 -0.22 | 61.61 4.16 -1.17 | 55.57 4.31 5.40 | 55.09 4.10 5.15 | 59.26 4.21 3.47 | 57.47 4.11 0.70 | 75.48 4.52 -14.49 | 75.58 5.02 -10.85 | 72.92 6.49 4.07 | 79.82 5.63 -11.58 | 76.18 5.99 -5.04 | 70.14 5.86 3.13 | 59.12 5.37 6.62 | 58.42 5.42 8.61 | 71.60 6.61 13.74 | 120.17 8.22 3.80 | 156.44 11.11 4.82 | 156.84 11.42 4.89 | 156.63 11.17 1.53 | 129.06 9.72 8.57 | 86.67 8.61 15.51 | 67.18 6.13 6.27 | 56.22 5.38 15.58 |
| LINDEN COGEN____ 23786 | 85.95 5.74 -15.74 | 86.46 4.62 -23.42 | 85.95 4.39 -25.28 | 84.85 4.59 -23.60 | 83.04 4.38 -22.52 | 78.09 4.56 -15.00 | 85.95 4.38 -27.51 | 85.95 4.74 -24.73 | 105.35 5.14 -40.50 | 132.14 6.70 -54.94 | 136.23 6.01 -67.62 | 140.21 6.32 -68.74 | 146.74 6.27 -73.06 | 151.56 5.73 -85.46 | 147.16 5.79 -79.76 | 144.08 7.09 -58.27 | 137.69 8.80 -13.15 | 179.51 11.86 -17.49 | 180.64 12.17 -18.17 | 162.21 11.91 -3.30 | 172.53 10.49 -34.13 | 168.47 9.17 -65.73 | 141.44 6.60 -67.52 | 139.93 5.91 -67.60 |

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| LIPA_MISC_IPP 23656 | 87.76 7.54 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.46 5.36 -22.63 | 100.08 6.21 -34.16 | 119.75 7.12 -42.12 | 123.55 5.38 -55.56 | 125.46 5.34 -54.97 | 129.12 5.19 -56.53 | 130.59 4.77 -65.45 | 126.84 4.68 -60.54 | 126.95 5.67 -42.56 | 131.68 6.48 -9.45 | 171.79 9.01 -12.63 | 171.71 8.27 -13.14 | 157.77 8.53 -2.25 | 160.15 7.42 -24.81 | 148.78 7.21 -48.01 | 124.12 5.32 -51.48 | 120.19 4.32 -49.45 |
| LITTLE FALLS___HYD 24013 | 66.89 2.77 0.35 | 60.66 2.34 0.11 | 58.46 2.31 0.13 | 59.05 2.38 0.00 | 58.33 2.19 0.00 | 60.98 2.46 0.00 | 56.28 2.32 0.11 | 58.80 2.71 0.38 | 62.32 2.99 0.38 | 74.15 3.81 0.16 | 65.54 3.44 0.51 | 68.40 3.65 0.39 | 70.72 3.57 0.26 | 63.32 3.20 0.25 | 64.70 3.27 0.18 | 82.66 3.94 0.00 | 121.65 5.90 0.00 | 158.56 8.41 0.00 | 159.02 8.72 0.00 | 155.38 8.38 0.00 | 134.95 7.04 0.00 | 98.53 4.96 0.00 | 70.72 3.57 0.18 | 69.47 3.06 0.00 |
| LONG LAKE_PHOENIX 24014 | 63.86 -2.13 -1.52 | 57.05 -1.81 -0.44 | 55.08 -1.74 -0.55 | 55.37 -1.30 0.00 | 54.29 -1.85 0.00 | 56.94 -1.58 0.00 | 52.99 -1.62 -0.55 | 56.55 -1.58 -1.66 | 59.61 -1.73 -1.63 | 69.20 -2.12 -0.81 | 62.79 -2.00 -2.19 | 64.88 -1.95 -1.69 | 65.89 -2.63 -1.11 | 59.43 -1.99 -1.06 | 60.39 -2.03 -0.81 | 75.78 -3.15 -0.21 | 111.59 -4.75 -0.59 | 144.75 -6.01 -0.60 | 144.97 -5.86 -0.53 | 141.72 -5.88 -0.60 | 123.33 -5.12 -0.53 | 89.97 -3.84 -0.24 | 65.86 -2.22 -0.75 | 64.16 -2.26 0.00 |
| LOVETT___3 23632 | 83.81 4.06 -15.28 | 61.84 3.39 -0.02 | 60.45 3.21 -0.96 | 54.21 3.23 5.68 | 53.75 3.03 5.42 | 57.97 3.10 3.65 | 56.14 3.03 0.94 | 74.33 3.39 -14.47 | 74.13 3.76 -10.65 | 70.84 4.94 4.61 | 78.01 4.26 -11.15 | 74.15 4.50 -4.51 | 67.97 4.38 3.81 | 56.95 4.04 7.46 | 56.19 4.00 9.42 | 69.17 4.88 14.44 | 117.34 5.56 3.96 | 152.62 7.51 5.03 | 153.01 7.82 5.11 | 153.06 7.64 1.58 | 125.71 6.78 8.98 | 83.73 6.46 16.30 | 65.02 4.65 6.95 | 54.02 3.99 16.39 |
| LOVETT___4 23642 | 84.40 4.64 -15.28 | 62.35 3.91 -0.01 | 60.94 3.71 -0.95 | 54.70 3.74 5.71 | 54.24 3.54 5.44 | 58.49 3.63 3.66 | 56.66 3.57 0.96 | 74.84 3.90 -14.47 | 74.71 4.36 -10.64 | 71.50 5.64 4.65 | 78.67 4.95 -11.12 | 74.83 5.21 -4.47 | 68.66 5.12 3.87 | 57.49 4.65 7.53 | 56.81 4.68 9.49 | 69.90 5.67 14.49 | 118.49 6.71 3.97 | 154.26 9.16 5.05 | 154.64 9.47 5.13 | 154.68 9.26 1.58 | 127.08 8.19 9.02 | 84.70 7.49 16.36 | 65.71 5.39 7.00 | 54.62 4.65 16.45 |
| LOVETT___5 23593 | 84.40 4.64 -15.28 | 62.35 3.91 -0.01 | 60.94 3.71 -0.95 | 54.70 3.74 5.71 | 54.24 3.54 5.44 | 58.49 3.63 3.66 | 56.66 3.57 0.96 | 74.84 3.90 -14.47 | 74.71 4.36 -10.64 | 71.50 5.64 4.65 | 78.67 4.95 -11.12 | 74.83 5.21 -4.47 | 68.66 5.12 3.87 | 57.49 4.65 7.53 | 56.81 4.68 9.49 | 69.90 5.67 14.49 | 118.49 6.71 3.97 | 154.26 9.16 5.05 | 154.64 9.47 5.13 | 154.68 9.26 1.58 | 127.08 8.19 9.02 | 84.70 7.49 16.36 | 65.71 5.39 7.00 | 54.62 4.65 16.45 |
| LOWER RAQUET___HYD 24057 | 64.28 -0.19 0.00 | 57.90 -0.53 0.00 | 55.72 -0.56 0.00 | 55.02 -1.64 0.00 | 55.36 -0.79 0.00 | 57.35 -1.17 0.00 | 53.14 -0.92 0.00 | 55.46 -1.02 0.00 | 58.99 -0.72 0.00 | 69.66 -0.85 0.00 | 62.16 -0.44 0.00 | 64.69 -0.46 0.00 | 67.94 0.54 0.00 | 60.19 -0.18 0.00 | 61.18 -0.43 0.00 | 76.99 -1.73 0.00 | 113.20 -2.55 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.32 -3.67 0.00 | 124.46 -3.45 0.00 | 91.42 -2.15 0.00 | 66.72 -0.61 0.00 | 66.02 -0.40 0.00 |
| LOWER___HUDSON 24059 | 89.70 5.16 -20.07 | 69.68 5.26 -5.99 | 68.69 4.95 -7.45 | 61.88 5.16 -0.06 | 61.20 5.00 -0.06 | 63.67 5.15 0.00 | 65.08 4.87 -6.15 | 83.12 5.08 -21.56 | 86.51 5.25 -21.54 | 86.26 6.42 -9.34 | 97.42 5.82 -29.00 | 93.38 5.93 -22.30 | 88.00 5.93 -14.67 | 79.86 5.49 -14.00 | 77.90 5.79 -10.50 | 85.81 7.09 0.00 | 122.46 6.71 0.00 | 159.16 9.01 0.00 | 158.87 8.57 0.00 | 155.52 8.53 0.00 | 135.20 7.29 0.00 | 101.81 8.23 0.00 | 83.41 6.13 -9.96 | 71.99 5.51 -0.06 |
| LWR___OSWEGATCHIE_HYD 23850 | 64.28 -0.19 0.00 | 58.02 -0.41 0.00 | 55.89 -0.39 0.00 | 55.65 -1.02 0.00 | 55.47 -0.67 0.00 | 57.70 -0.82 0.00 | 53.41 -0.65 0.00 | 55.91 -0.56 0.00 | 59.41 -0.30 0.00 | 70.22 -0.28 0.00 | 62.60 0.00 0.00 | 65.21 0.07 0.00 | 67.94 0.54 0.00 | 60.43 0.06 0.00 | 61.61 0.00 0.00 | 77.15 -1.57 0.00 | 112.73 -3.01 0.00 | 146.10 -4.05 0.00 | 146.09 -4.21 0.00 | 142.88 -4.12 0.00 | 124.08 -3.84 0.00 | 91.42 -2.15 0.00 | 67.19 -0.13 0.00 | 65.62 -0.80 0.00 |
| LYONS_FALL_HYD 23570 | 64.28 -0.19 0.00 | 58.19 -0.23 0.00 | 56.06 -0.23 0.00 | 56.38 -0.28 0.00 | 55.75 -0.39 0.00 | 58.23 -0.29 0.00 | 53.85 -0.22 0.00 | 56.42 -0.06 0.00 | 59.83 0.12 0.00 | 70.79 0.28 0.00 | 62.92 0.31 0.00 | 65.60 0.46 0.00 | 67.81 0.40 0.00 | 60.61 0.24 0.00 | 61.92 0.31 0.00 | 78.33 -0.39 0.00 | 114.70 -1.04 0.00 | 149.10 -1.05 0.00 | 149.25 -1.05 0.00 | 145.97 -1.03 0.00 | 126.76 -1.15 0.00 | 93.01 -0.56 0.00 | 67.46 0.13 0.00 | 65.95 -0.46 0.00 |
| MAPLE RIDGE_WT_1 323574 | 63.55 -0.06 0.86 | 58.05 -0.12 0.26 | 55.85 -0.11 0.32 | 56.32 -0.34 0.00 | 56.03 -0.11 0.00 | 58.29 -0.23 0.00 | 53.58 -0.22 0.26 | 55.27 -0.28 0.92 | 58.55 -0.24 0.92 | 69.83 -0.28 0.40 | 61.18 -0.19 1.24 | 64.00 -0.20 0.95 | 66.78 0.00 0.63 | 59.65 -0.12 0.60 | 60.98 -0.18 0.45 | 78.49 -0.24 0.00 | 115.74 0.00 0.00 | 150.00 -0.15 0.00 | 150.15 -0.15 0.00 | 146.85 -0.15 0.00 | 127.79 -0.13 0.00 | 93.29 -0.28 0.00 | 66.63 -0.27 0.42 | 66.35 -0.07 0.00 |
| MAPLE RIDGE_WT_2 323611 | 63.55 -0.06 0.86 | 58.05 -0.12 0.26 | 55.85 -0.11 0.32 | 56.32 -0.34 0.00 | 56.03 -0.11 0.00 | 58.29 -0.23 0.00 | 53.58 -0.22 0.26 | 55.27 -0.28 0.92 | 58.55 -0.24 0.92 | 69.83 -0.28 0.40 | 61.18 -0.19 1.24 | 64.00 -0.20 0.95 | 66.78 0.00 0.63 | 59.65 -0.12 0.60 | 60.98 -0.18 0.45 | 78.49 -0.24 0.00 | 115.74 0.00 0.00 | 150.00 -0.15 0.00 | 150.15 -0.15 0.00 | 146.85 -0.15 0.00 | 127.79 -0.13 0.00 | 93.29 -0.28 0.00 | 66.63 -0.27 0.42 | 66.35 -0.07 0.00 |
| MG INDUSTRY___DRP 24185 | 87.87 3.61 -19.79 | 67.72 3.39 -5.91 | 66.89 3.26 -7.35 | 60.12 3.40 -0.06 | 59.46 3.26 -0.06 | 61.86 3.34 0.00 | 63.21 3.08 -6.06 | 80.89 3.16 -21.26 | 84.29 3.34 -21.24 | 83.38 3.67 -9.21 | 94.32 3.13 -28.58 | 90.39 3.26 -21.98 | 85.10 3.24 -14.46 | 77.19 3.02 -13.80 | 75.04 3.08 -10.35 | 82.50 3.78 0.00 | 119.45 3.70 0.00 | 154.80 4.65 0.00 | 154.96 4.66 0.00 | 151.55 4.56 0.00 | 132.13 4.22 0.00 | 98.06 4.49 0.00 | 80.91 3.77 -9.81 | 70.13 3.65 -0.06 |
| MID___OSWEGATCHIE_HYD 23849 | 64.28 -0.19 0.00 | 58.02 -0.41 0.00 | 55.89 -0.39 0.00 | 55.65 -1.02 0.00 | 55.47 -0.67 0.00 | 57.70 -0.82 0.00 | 53.41 -0.65 0.00 | 55.91 -0.56 0.00 | 59.41 -0.30 0.00 | 70.22 -0.28 0.00 | 62.60 0.00 0.00 | 65.21 0.07 0.00 | 67.94 0.54 0.00 | 60.43 0.06 0.00 | 61.61 0.00 0.00 | 77.15 -1.57 0.00 | 112.73 -3.01 0.00 | 146.10 -4.05 0.00 | 146.09 -4.21 0.00 | 142.88 -4.12 0.00 | 124.08 -3.84 0.00 | 91.42 -2.15 0.00 | 67.19 -0.13 0.00 | 65.62 -0.80 0.00 |
| MID___RAQUETTE_HYD 23851 | 64.28 -0.19 0.00 | 57.90 -0.53 0.00 | 55.72 -0.56 0.00 | 55.02 -1.64 0.00 | 55.36 -0.79 0.00 | 57.35 -1.17 0.00 | 53.14 -0.92 0.00 | 55.46 -1.02 0.00 | 58.99 -0.72 0.00 | 69.66 -0.85 0.00 | 62.16 -0.44 0.00 | 64.69 -0.46 0.00 | 67.94 0.54 0.00 | 60.19 -0.18 0.00 | 61.18 -0.43 0.00 | 76.99 -1.73 0.00 | 113.20 -2.55 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.32 -3.67 0.00 | 124.46 -3.45 0.00 | 91.42 -2.15 0.00 | 66.72 -0.61 0.00 | 66.02 -0.40 0.00 |
| MILLIKEN___I 23584 | 61.71 -5.61 -2.84 | 54.38 -4.91 -0.86 | 52.57 -4.78 -1.07 | 52.42 -4.25 -0.01 | 51.15 -5.00 -0.01 | 53.90 -4.62 0.00 | 50.46 -4.38 -0.78 | 55.26 -4.24 -3.02 | 58.52 -4.24 -3.05 | 67.06 -4.65 -1.21 | 62.58 -4.13 -4.11 | 64.14 -4.17 -3.16 | 64.22 -5.26 -2.08 | 58.06 -4.29 -1.98 | 58.77 -4.31 -1.47 | 72.05 -6.46 0.22 | 106.08 -9.03 0.63 | 138.84 -10.66 0.65 | 139.36 -10.37 0.57 | 135.77 -10.58 0.65 | 117.75 -9.59 0.57 | 85.74 -7.58 0.26 | 63.75 -4.98 -1.41 | 60.98 -5.45 -0.01 |

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| MILLIKEN___2 23585 | 61.71 -5.61 -2.84 | 54.38 -4.91 -0.86 | 52.57 -4.78 -1.07 | 52.42 -4.25 -0.01 | 51.15 -5.00 -0.01 | 53.90 -4.62 0.00 | 50.46 -4.38 -0.78 | 55.26 -4.24 -3.02 | 58.52 -4.24 -3.05 | 67.06 -4.65 -1.21 | 62.58 -4.13 -4.11 | 64.14 -4.17 -3.16 | 64.22 -5.26 -2.08 | 58.06 -4.29 -1.98 | 58.77 -4.31 -1.47 | 72.05 -6.46 0.22 | 106.08 -9.03 0.63 | 138.84 -10.66 0.65 | 139.36 -10.37 0.57 | 135.77 -10.58 0.65 | 117.75 -9.59 0.57 | 85.74 -7.58 0.26 | 63.75 -4.98 -1.41 | 60.98 -5.45 -0.01 |
| MILLIKEN___DIESEL 23629 | 61.71 -5.61 -2.84 | 54.38 -4.91 -0.86 | 52.57 -4.78 -1.07 | 52.42 -4.25 -0.01 | 51.15 -5.00 -0.01 | 53.90 -4.62 0.00 | 50.46 -4.38 -0.78 | 55.26 -4.24 -3.02 | 58.52 -4.24 -3.05 | 67.06 -4.65 -1.21 | 62.58 -4.13 -4.11 | 64.14 -4.17 -3.16 | 64.22 -5.26 -2.08 | 58.06 -4.29 -1.98 | 58.77 -4.31 -1.47 | 72.05 -6.46 0.22 | 106.08 -9.03 0.63 | 138.84 -10.66 0.65 | 139.36 -10.37 0.57 | 135.77 -10.58 0.65 | 117.75 -9.59 0.57 | 85.74 -7.58 0.26 | 63.75 -4.98 -1.41 | 60.98 -5.45 -0.01 |
| MILLSEAT___LFGE 323607 | 56.08 -8.12 0.27 | 52.64 -6.54 -0.76 | 50.81 -6.42 -0.94 | 52.59 -4.08 -0.01 | 49.36 -6.79 -0.01 | 52.96 -5.56 0.00 | 41.13 -6.81 6.12 | 47.35 -6.95 2.18 | 52.12 -7.28 0.31 | 54.60 -8.46 7.44 | 54.61 -7.57 0.41 | 57.01 -7.82 0.32 | 56.21 -10.99 0.21 | 52.32 -7.85 0.20 | 52.37 -8.07 1.17 | 52.94 -11.10 14.69 | 59.34 -14.58 41.82 | 88.95 -18.32 42.88 | 94.07 -18.34 37.90 | 86.16 -18.23 42.61 | 74.37 -15.99 37.56 | 62.66 -13.94 16.97 | 58.36 -8.82 0.15 | 57.33 -9.10 -0.01 |
| MODEL_CITY_ENERGY 24167 | 55.43 -8.96 0.08 | 51.50 -7.71 -0.79 | 49.72 -7.54 -0.98 | 51.69 -4.99 -0.01 | 48.68 -7.47 -0.01 | 52.32 -6.20 0.00 | 40.55 -7.62 5.89 | 46.71 -7.85 1.91 | 50.71 -8.90 0.10 | 52.93 -10.43 7.14 | 53.21 -9.27 0.13 | 55.40 -9.64 0.10 | 54.26 -13.08 0.07 | 50.76 -9.54 0.07 | 50.78 -9.80 1.04 | 51.08 -13.38 14.26 | 57.19 -17.94 40.61 | 85.39 -23.12 41.64 | 90.51 -23.00 36.80 | 82.84 -22.78 41.37 | 71.62 -19.83 36.47 | 60.25 -16.84 16.48 | 56.71 -10.57 0.05 | 55.67 -10.76 -0.01 |
| MODERN_LFGE___ 323580 | 55.43 -8.96 0.08 | 51.50 -7.71 -0.79 | 49.72 -7.54 -0.98 | 51.69 -4.99 -0.01 | 48.68 -7.47 -0.01 | 52.32 -6.20 0.00 | 40.55 -7.62 5.89 | 46.71 -7.85 1.91 | 50.71 -8.90 0.10 | 52.93 -10.43 7.14 | 53.21 -9.27 0.13 | 55.40 -9.64 0.10 | 54.26 -13.08 0.07 | 50.76 -9.54 0.07 | 50.78 -9.80 1.04 | 51.08 -13.38 14.26 | 57.19 -17.94 40.61 | 85.39 -23.12 41.64 | 90.51 -23.00 36.80 | 82.84 -22.78 41.37 | 71.62 -19.83 36.47 | 60.25 -16.84 16.48 | 56.71 -10.57 0.05 | 55.67 -10.76 -0.01 |
| MOHAWK_PAPER___DRP 24187 | 90.05 5.22 -20.35 | 69.53 5.02 -6.08 | 68.56 4.73 -7.56 | 61.66 4.93 -0.06 | 60.92 4.72 -0.06 | 63.38 4.86 0.00 | 64.90 4.60 -6.24 | 83.03 4.69 -21.87 | 86.51 4.96 -21.85 | 85.97 5.99 -9.47 | 97.33 5.32 -29.40 | 93.24 5.47 -22.62 | 87.80 5.53 -14.87 | 79.64 5.07 -14.20 | 77.56 5.30 -10.65 | 85.26 6.53 0.00 | 122.92 7.18 0.00 | 159.46 9.31 0.00 | 159.32 9.02 0.00 | 155.96 8.97 0.00 | 135.72 7.80 0.00 | 101.15 7.58 0.00 | 83.14 5.72 -10.10 | 71.86 5.38 -0.06 |
| MONGAUP___HYD 23641 | 83.99 5.09 -14.42 | 64.60 4.38 -1.80 | 63.14 4.11 -2.75 | 57.84 4.31 3.13 | 57.20 4.04 2.99 | 60.71 4.21 2.02 | 59.43 4.11 -1.26 | 75.40 4.52 -14.41 | 76.96 4.96 -12.30 | 77.30 6.63 -0.16 | 83.15 5.76 -14.78 | 80.39 6.12 -9.11 | 75.64 6.00 -2.24 | 66.00 5.61 -0.02 | 65.16 5.67 2.12 | 77.54 6.93 8.11 | 122.17 8.91 2.49 | 158.92 11.86 3.09 | 159.38 12.17 3.10 | 157.58 11.76 1.17 | 132.90 10.23 5.24 | 93.12 8.70 9.15 | 72.49 6.06 0.90 | 62.66 5.31 9.07 |
| MONTAUK___DIESEL 23721 | 90.66 10.44 -15.74 | 95.34 9.11 -27.80 | 84.73 8.39 -20.06 | 82.61 8.67 -17.27 | 81.32 8.70 -16.48 | 76.86 7.37 -10.97 | 82.59 7.14 -21.39 | 87.23 8.13 -22.63 | 103.19 9.31 -34.16 | 123.63 11.00 -42.12 | 126.93 8.76 -55.56 | 128.85 8.73 -54.97 | 132.43 8.49 -56.53 | 133.67 7.85 -65.45 | 129.92 7.76 -60.54 | 130.89 9.60 -42.56 | 138.04 12.85 -9.45 | 180.95 18.17 -12.63 | 181.33 17.89 -13.14 | 166.89 17.64 -2.25 | 167.82 15.09 -24.81 | 153.93 12.35 -48.01 | 127.42 8.62 -51.48 | 123.05 7.17 -49.45 |
| MUNSVILLE_WIND_PWR 323609 | 69.56 0.45 -4.64 | 60.32 0.47 -1.42 | 58.39 0.34 -1.77 | 57.53 0.85 -0.01 | 56.27 0.11 -0.01 | 59.16 0.64 0.00 | 55.91 0.70 -1.14 | 62.56 1.19 -4.90 | 66.24 1.55 -4.98 | 74.65 2.33 -1.82 | 71.37 2.07 -6.70 | 72.65 2.35 -5.15 | 72.28 1.48 -3.39 | 65.05 1.45 -3.24 | 65.66 1.66 -2.38 | 79.54 1.50 0.68 | 116.57 2.78 1.95 | 153.26 5.11 2.00 | 153.80 5.26 1.77 | 150.01 5.00 1.98 | 130.00 3.84 1.75 | 94.93 2.15 0.79 | 71.11 1.48 -2.30 | 67.10 0.66 -0.01 |
| N SALMON___HYD 24042 | 64.80 0.32 0.00 | 58.13 -0.29 0.00 | 56.00 -0.28 0.00 | 55.25 -1.42 0.00 | 55.58 -0.56 0.00 | 57.76 -0.76 0.00 | 53.52 -0.54 0.00 | 55.91 -0.56 0.00 | 59.71 0.00 0.00 | 70.44 -0.07 0.00 | 62.79 0.19 0.00 | 65.34 0.20 0.00 | 68.42 1.01 0.00 | 60.67 0.30 0.00 | 61.61 0.00 0.00 | 78.41 -0.31 0.00 | 116.67 0.93 0.00 | 151.35 1.20 0.00 | 151.20 0.90 0.00 | 147.73 0.73 0.00 | 128.30 0.38 0.00 | 93.29 -0.28 0.00 | 67.06 -0.27 0.00 | 66.48 0.07 0.00 |
| N.E._GEN_SANDY PD 24062 | 88.91 5.03 -19.41 | 73.04 4.62 -10.00 | 70.73 4.45 -10.00 | 70.44 4.65 -9.13 | 70.58 4.44 -10.00 | 76.00 4.56 -12.92 | 83.19 4.32 -24.80 | 85.67 4.57 -24.62 | 98.00 4.90 -33.39 | 101.57 6.06 -25.00 | 100.00 5.38 -32.01 | 100.00 5.60 -29.25 | 98.00 5.59 -25.00 | 85.50 5.13 -20.00 | 83.00 5.24 -16.15 | 85.00 6.46 0.18 | 122.06 6.83 0.51 | 158.63 9.01 0.53 | 158.55 8.72 0.46 | 155.00 8.53 0.52 | 135.00 7.55 0.46 | 101.13 7.77 0.21 | 84.98 5.72 -11.93 | 81.38 5.18 -9.78 |
| NARROWS_GT1_1 24228 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_2 24229 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_3 24230 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_4 24231 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_5 24232 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| NARROWS_GT1_6 24233 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_7 24234 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT1_8 24235 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_1 24236 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_2 24237 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_3 24238 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_4 24239 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_5 24240 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_6 24241 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_7 24242 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NARROWS_GT2_8 24243 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NEG CAPITAL___MECHNVIL 23645 | 89.99 5.35 -20.16 | 70.11 5.67 -6.02 | 69.06 5.29 -7.49 | 62.22 5.50 -0.06 | 61.53 5.33 -0.06 | 63.96 5.44 0.00 | 65.49 5.24 -6.18 | 83.50 5.36 -21.66 | 86.85 5.49 -21.64 | 86.59 6.70 -9.38 | 98.05 6.32 -29.13 | 93.94 6.38 -22.40 | 88.61 6.47 -14.73 | 80.35 5.92 -14.07 | 78.44 6.28 -10.55 | 86.52 7.79 0.00 | 122.92 7.18 0.00 | 159.76 9.61 0.00 | 159.47 9.17 0.00 | 156.11 9.11 0.00 | 135.59 7.67 0.00 | 102.37 8.80 0.00 | 83.72 6.40 -10.00 | 72.25 5.78 -0.06 |
| NEG CENTRAL_HIGH_ACRES 23767 | 59.37 -7.48 -2.37 | 53.16 -5.90 -0.64 | 51.34 -5.74 -0.80 | 52.20 -4.48 -0.01 | 49.75 -6.40 -0.01 | 52.78 -5.73 0.00 | 49.27 -6.00 -1.21 | 52.90 -6.27 -2.70 | 56.23 -6.03 -2.55 | 65.08 -7.12 -1.69 | 59.65 -6.39 -3.43 | 61.21 -6.58 -2.64 | 60.78 -8.36 -1.73 | 55.56 -6.46 -1.66 | 56.35 -6.59 -1.32 | 70.93 -8.97 -1.18 | 106.84 -12.27 -3.37 | 138.29 -15.32 -3.45 | 138.02 -15.33 -3.05 | 135.14 -15.29 -3.43 | 117.64 -13.30 -3.03 | 83.90 -11.04 -1.37 | 61.23 -7.27 -1.18 | 58.99 -7.44 -0.01 |
| NEG CENTRAL___DRP 24199 | 63.60 -3.22 -2.35 | 56.53 -2.57 -0.68 | 54.59 -2.53 -0.84 | 54.97 -1.70 -0.01 | 53.40 -2.75 -0.01 | 56.24 -2.28 0.00 | 52.46 -2.49 -0.88 | 56.67 -2.37 -2.57 | 59.90 -2.33 -2.52 | 69.11 -2.68 -1.29 | 63.55 -2.44 -3.39 | 65.28 -2.48 -2.61 | 65.48 -3.64 -1.71 | 59.41 -2.60 -1.64 | 60.22 -2.65 -1.25 | 75.18 -3.94 -0.39 | 111.42 -5.44 -1.12 | 144.84 -6.46 -1.15 | 145.15 -6.16 -1.01 | 141.81 -6.32 -1.14 | 123.29 -5.63 -1.00 | 89.35 -4.68 -0.45 | 65.59 -2.90 -1.16 | 63.30 -3.12 -0.01 |
| NEG CENTRAL___INDECK 23768 | 63.60 -4.00 -3.13 | 56.51 -2.80 -0.89 | 54.57 -2.81 -1.11 | 55.60 -1.08 -0.01 | 52.78 -3.37 -0.01 | 56.24 -2.28 0.00 | 52.25 -3.08 -1.27 | 56.94 -2.99 -3.46 | 60.50 -2.57 -3.36 | 69.59 -2.75 -1.84 | 64.61 -2.50 -4.52 | 66.08 -2.54 -3.47 | 64.90 -4.79 -2.28 | 59.65 -2.90 -2.18 | 60.28 -3.02 -1.69 | 74.85 -4.64 -0.77 | 112.61 -5.32 -2.19 | 146.54 -5.86 -2.25 | 146.73 -5.56 -1.99 | 143.50 -5.73 -2.23 | 124.64 -5.24 -1.97 | 88.94 -5.52 -0.89 | 65.51 -3.37 -1.55 | 62.57 -3.85 -0.01 |
| NEG CENTRAL___SENECA 23627 | 63.47 -3.61 -2.60 | 56.31 -2.86 -0.75 | 54.40 -2.81 -0.93 | 54.92 -1.76 -0.01 | 53.06 -3.09 -0.01 | 56.06 -2.46 0.00 | 52.29 -2.76 -0.99 | 56.68 -2.65 -2.86 | 59.94 -2.57 -2.79 | 69.13 -2.82 -1.44 | 63.80 -2.57 -3.76 | 65.43 -2.61 -2.89 | 65.26 -4.04 -1.90 | 59.41 -2.78 -1.82 | 60.17 -2.83 -1.39 | 74.86 -4.33 -0.47 | 111.40 -5.67 -1.33 | 145.06 -6.46 -1.36 | 145.34 -6.16 -1.21 | 142.03 -6.32 -1.36 | 123.48 -5.63 -1.19 | 89.15 -4.96 -0.54 | 65.45 -3.16 -1.29 | 62.97 -3.45 -0.01 |

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| NEG CENTRAL___STATE_STREET 24147 | 63.41 -3.35 -2.29 | 56.40 -2.69 -0.66 | 54.40 -2.70 -0.83 | 54.69 -1.98 -0.01 | 53.23 -2.92 -0.01 | 56.12 -2.40 0.00 | 52.41 -2.49 -0.84 | 56.60 -2.37 -2.50 | 59.90 -2.27 -2.45 | 69.27 -2.47 -1.23 | 63.72 -2.19 -3.30 | 65.47 -2.22 -2.54 | 65.77 -3.30 -1.67 | 59.55 -2.41 -1.60 | 60.37 -2.46 -1.22 | 75.28 -3.78 -0.33 | 111.60 -5.09 -0.95 | 145.27 -5.86 -0.97 | 145.60 -5.56 -0.86 | 142.09 -5.88 -0.97 | 123.40 -5.37 -0.85 | 89.47 -4.49 -0.39 | 65.70 -2.76 -1.13 | 63.30 -3.12 -0.01 |
| NEG MILLWOOD___DRP 24198 | 86.24 5.67 -16.09 | 68.95 4.79 -5.73 | 67.78 4.56 -6.94 | 62.57 4.70 -1.20 | 61.78 4.49 -1.14 | 63.88 4.62 -0.73 | 64.51 4.49 -5.96 | 79.03 4.91 -17.64 | 83.51 5.37 -18.42 | 87.20 6.98 -9.71 | 94.17 6.14 -25.44 | 91.98 6.45 -20.38 | 88.51 6.34 -14.76 | 81.09 5.86 -14.86 | 79.36 5.85 -11.90 | 88.62 7.24 -2.65 | 124.85 9.03 -0.08 | 162.59 12.16 -0.28 | 163.15 12.47 -0.38 | 158.78 12.20 0.41 | 139.82 10.74 -1.16 | 105.82 9.26 -2.98 | 84.82 6.60 -10.90 | 75.61 5.84 -3.35 |
| NEG NORTH_FLCN_SEA 23793 | 63.06 -1.42 0.00 | 56.61 -1.81 0.00 | 54.54 -1.74 0.00 | 53.83 -2.83 0.00 | 54.18 -1.96 0.00 | 56.24 -2.28 0.00 | 51.95 -2.11 0.00 | 54.21 -2.26 0.00 | 57.74 -1.97 0.00 | 68.04 -2.47 0.00 | 60.72 -1.88 0.00 | 63.26 -1.89 0.00 | 66.26 -1.15 0.00 | 58.74 -1.63 0.00 | 59.64 -1.97 0.00 | 76.44 -2.28 0.00 | 114.01 -1.74 0.00 | 147.75 -2.40 0.00 | 147.75 -2.56 0.00 | 144.35 -2.65 0.00 | 125.36 -2.56 0.00 | 90.86 -2.71 0.00 | 65.17 -2.15 0.00 | 64.82 -1.59 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 63.64 -0.84 0.00 | 57.26 -1.17 0.00 | 55.15 -1.13 0.00 | 54.40 -2.27 0.00 | 54.79 -1.35 0.00 | 56.82 -1.70 0.00 | 52.55 -1.51 0.00 | 54.84 -1.64 0.00 | 58.34 -1.37 0.00 | 68.74 -1.76 0.00 | 61.35 -1.25 0.00 | 63.78 -1.37 0.00 | 67.00 -0.40 0.00 | 59.34 -1.03 0.00 | 60.26 -1.36 0.00 | 77.23 -1.50 0.00 | 115.28 -0.46 0.00 | 149.40 -0.75 0.00 | 149.25 -1.05 0.00 | 145.97 -1.03 0.00 | 126.76 -1.15 0.00 | 91.79 -1.78 0.00 | 65.71 -1.62 0.00 | 65.42 -1.00 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 63.76 -0.71 0.00 | 57.20 -1.23 0.00 | 55.04 -1.24 0.00 | 54.34 -2.32 0.00 | 54.63 -1.52 0.00 | 56.82 -1.70 0.00 | 52.49 -1.57 0.00 | 54.84 -1.64 0.00 | 58.46 -1.25 0.00 | 68.88 -1.62 0.00 | 61.41 -1.19 0.00 | 63.97 -1.17 0.00 | 67.00 -0.40 0.00 | 59.40 -0.97 0.00 | 60.32 -1.29 0.00 | 77.31 -1.42 0.00 | 115.28 -0.46 0.00 | 149.55 -0.60 0.00 | 149.40 -0.90 0.00 | 146.11 -0.88 0.00 | 126.89 -1.02 0.00 | 91.89 -1.68 0.00 | 65.84 -1.48 0.00 | 65.49 -0.93 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 63.76 -0.71 0.00 | 57.20 -1.23 0.00 | 55.04 -1.24 0.00 | 54.34 -2.32 0.00 | 54.63 -1.52 0.00 | 56.82 -1.70 0.00 | 52.49 -1.57 0.00 | 54.84 -1.64 0.00 | 58.46 -1.25 0.00 | 68.88 -1.62 0.00 | 61.41 -1.19 0.00 | 63.97 -1.17 0.00 | 67.00 -0.40 0.00 | 59.40 -0.97 0.00 | 60.32 -1.29 0.00 | 77.31 -1.42 0.00 | 115.28 -0.46 0.00 | 149.55 -0.60 0.00 | 149.40 -0.90 0.00 | 146.11 -0.88 0.00 | 126.89 -1.02 0.00 | 91.89 -1.68 0.00 | 65.84 -1.48 0.00 | 65.49 -0.93 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 63.76 -0.71 0.00 | 57.20 -1.23 0.00 | 55.04 -1.24 0.00 | 54.34 -2.32 0.00 | 54.63 -1.52 0.00 | 56.82 -1.70 0.00 | 52.49 -1.57 0.00 | 54.84 -1.64 0.00 | 58.46 -1.25 0.00 | 68.88 -1.62 0.00 | 61.41 -1.19 0.00 | 63.97 -1.17 0.00 | 67.00 -0.40 0.00 | 59.40 -0.97 0.00 | 60.32 -1.29 0.00 | 77.31 -1.42 0.00 | 115.28 -0.46 0.00 | 149.55 -0.60 0.00 | 149.40 -0.90 0.00 | 146.11 -0.88 0.00 | 126.89 -1.02 0.00 | 91.89 -1.68 0.00 | 65.84 -1.48 0.00 | 65.49 -0.93 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 55.63 -8.70 0.14 | 51.73 -7.48 -0.78 | 49.94 -7.32 -0.97 | 51.86 -4.82 -0.01 | 48.85 -7.30 -0.01 | 52.49 -6.03 0.00 | 40.68 -7.41 5.98 | 46.85 -7.62 2.00 | 50.95 -8.60 0.16 | 53.17 -10.08 7.26 | 53.43 -8.95 0.22 | 55.66 -9.32 0.17 | 54.55 -12.74 0.11 | 51.02 -9.24 0.11 | 51.04 -9.49 1.09 | 51.22 -13.07 14.44 | 57.27 -17.36 41.12 | 85.77 -22.22 42.16 | 90.80 -22.24 37.26 | 83.06 -22.05 41.88 | 71.81 -19.19 36.92 | 60.51 -16.38 16.69 | 57.01 -10.23 0.08 | 56.00 -10.43 -0.01 |
| NEG WEST___LANCASTR 23811 | 59.96 -5.29 -0.77 | 54.79 -4.56 -0.92 | 52.98 -4.45 -1.14 | 54.30 -2.38 -0.01 | 51.83 -4.32 -0.01 | 55.24 -3.28 0.00 | 45.00 -4.32 4.73 | 51.63 -4.12 0.72 | 55.69 -4.84 -0.81 | 59.28 -5.57 5.66 | 58.63 -5.07 -1.10 | 60.84 -5.15 -0.84 | 60.14 -7.82 -0.55 | 55.52 -5.37 -0.53 | 55.62 -5.55 0.45 | 58.61 -8.03 12.08 | 71.04 -10.30 34.40 | 102.26 -12.61 35.28 | 106.95 -12.17 31.17 | 99.89 -12.05 35.05 | 86.40 -10.62 30.89 | 70.25 -9.36 13.96 | 61.98 -5.72 -0.37 | 60.38 -6.04 -0.01 |
| NEG_PENN_ALLEGHNY 23528 | 70.25 0.64 -5.13 | 60.67 0.64 -1.60 | 58.89 0.62 -1.99 | 57.99 1.30 -0.02 | 56.78 0.62 -0.02 | 59.57 1.05 0.00 | 55.82 0.70 -1.05 | 62.73 0.90 -5.35 | 66.11 0.90 -5.50 | 73.53 1.27 -1.76 | 71.01 1.00 -7.41 | 72.02 1.17 -5.70 | 71.49 0.34 -3.75 | 64.67 0.72 -3.58 | 65.01 0.80 -2.59 | 77.94 0.47 1.26 | 112.85 0.69 3.59 | 147.82 1.35 3.68 | 148.85 1.80 3.25 | 144.96 1.62 3.66 | 126.10 1.41 3.22 | 93.14 1.03 1.46 | 70.88 1.01 -2.54 | 67.16 0.73 -0.02 |
| NEG___GEN_MONROE 24207 | 56.69 -7.09 0.69 | 53.85 -5.26 -0.68 | 51.95 -5.18 -0.85 | 53.22 -3.46 -0.01 | 50.14 -6.01 -0.01 | 53.43 -5.09 0.00 | 41.78 -5.68 6.60 | 47.87 -5.87 2.73 | 53.52 -5.43 0.75 | 56.10 -6.35 8.06 | 55.89 -5.70 1.01 | 58.50 -5.86 0.78 | 58.67 -8.22 0.52 | 54.02 -5.86 0.49 | 54.06 -6.10 1.45 | 54.76 -8.42 15.54 | 60.62 -10.88 44.25 | 91.27 -13.51 45.37 | 96.83 -13.38 40.09 | 88.40 -13.52 45.07 | 76.29 -11.90 39.73 | 65.13 -10.48 17.96 | 60.17 -6.80 0.35 | 59.38 -7.04 -0.01 |
| NEPA___ENERGY 23901 | 63.71 -2.26 -1.50 | 57.58 -1.87 -1.02 | 55.75 -1.80 -1.27 | 56.51 -0.17 -0.01 | 54.47 -1.68 -0.01 | 57.70 -0.82 0.00 | 48.82 -1.57 3.67 | 55.44 -1.36 -0.32 | 59.63 -1.67 -1.60 | 64.36 -1.83 4.31 | 63.00 -1.75 -2.15 | 65.11 -1.69 -1.65 | 64.85 -3.64 -1.08 | 59.17 -2.23 -1.04 | 59.47 -2.22 -0.08 | 64.82 -3.86 10.05 | 82.61 -4.51 28.62 | 115.85 -4.95 29.35 | 120.16 -4.21 25.93 | 113.73 -4.12 29.15 | 98.50 -3.71 25.70 | 78.40 -3.56 11.62 | 66.11 -1.95 -0.73 | 64.10 -2.32 -0.01 |
| NEVERSINK___HYD 23608 | 82.26 4.19 -13.59 | 65.69 3.56 -3.70 | 64.34 3.38 -4.68 | 59.81 3.57 0.43 | 59.05 3.31 0.41 | 61.68 3.45 0.30 | 61.04 3.35 -3.62 | 74.62 3.73 -14.42 | 78.01 4.18 -14.12 | 81.27 5.50 -5.27 | 86.17 4.82 -18.75 | 84.38 5.15 -14.09 | 81.11 4.99 -8.71 | 73.02 4.65 -8.01 | 71.98 4.68 -5.68 | 83.09 5.75 1.38 | 122.35 7.52 0.92 | 159.04 9.91 1.02 | 159.56 10.22 0.96 | 156.11 9.85 0.74 | 135.34 8.70 1.27 | 99.11 7.11 1.57 | 77.94 5.05 -5.56 | 69.51 4.38 1.30 |
| NEWTON___FALLS_HYD 23847 | 64.28 -0.19 0.00 | 58.02 -0.41 0.00 | 55.89 -0.39 0.00 | 55.65 -1.02 0.00 | 55.47 -0.67 0.00 | 57.70 -0.82 0.00 | 53.41 -0.65 0.00 | 55.91 -0.56 0.00 | 59.41 -0.30 0.00 | 70.22 -0.28 0.00 | 62.60 0.00 0.00 | 65.21 0.07 0.00 | 67.94 0.54 0.00 | 60.43 0.06 0.00 | 61.61 0.00 0.00 | 77.15 -1.57 0.00 | 112.73 -3.01 0.00 | 146.10 -4.05 0.00 | 146.09 -4.21 0.00 | 142.88 -4.12 0.00 | 124.08 -3.84 0.00 | 91.42 -2.15 0.00 | 67.19 -0.13 0.00 | 65.62 -0.80 0.00 |
| NIAGARA___ 23760 | 54.80 -9.54 0.13 | 50.91 -8.30 -0.78 | 49.21 -8.05 -0.97 | 51.12 -5.55 -0.01 | 48.23 -7.92 -0.01 | 51.85 -6.67 0.00 | 40.00 -8.11 5.95 | 46.02 -8.47 1.99 | 50.00 -9.55 0.16 | 52.00 -11.28 7.22 | 52.38 -10.02 0.21 | 54.50 -10.49 0.16 | 53.41 -13.89 0.11 | 50.00 -10.26 0.10 | 50.00 -10.54 1.08 | 50.02 -14.33 14.38 | 55.48 -19.33 40.94 | 83.10 -25.08 41.98 | 88.11 -25.10 37.10 | 80.45 -24.84 41.70 | 69.54 -21.62 36.76 | 58.99 -17.97 16.62 | 55.87 -11.38 0.08 | 54.94 -11.49 -0.01 |
| NINE_MILE_1 23575 | 62.78 -2.97 -1.28 | 56.28 -2.51 -0.37 | 54.32 -2.42 -0.46 | 54.57 -2.10 0.00 | 53.62 -2.53 0.00 | 56.12 -2.40 0.00 | 52.16 -2.38 -0.48 | 55.38 -2.48 -1.40 | 58.45 -2.63 -1.37 | 67.89 -3.31 -0.70 | 61.38 -3.07 -1.84 | 63.44 -3.13 -1.42 | 64.63 -3.71 -0.93 | 58.24 -3.02 -0.89 | 59.21 -3.08 -0.68 | 74.68 -4.25 -0.20 | 110.08 -6.25 -0.58 | 142.79 -7.96 -0.60 | 143.01 -7.82 -0.53 | 139.80 -7.79 -0.59 | 121.66 -6.78 -0.52 | 88.66 -5.15 -0.24 | 64.66 -3.30 -0.63 | 63.37 -3.06 0.00 |

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| NINE_MILE_2 23744 | 62.83 -2.90 -1.26 | 56.28 -2.51 -0.36 | 54.31 -2.42 -0.45 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.12 -2.40 0.00 | 52.15 -2.38 -0.47 | 55.42 -2.43 -1.38 | 58.43 -2.63 -1.35 | 67.88 -3.31 -0.68 | 61.35 -3.07 -1.82 | 63.42 -3.13 -1.40 | 64.62 -3.71 -0.92 | 58.23 -3.02 -0.88 | 59.21 -3.08 -0.67 | 74.75 -4.17 -0.20 | 110.17 -6.13 -0.56 | 142.77 -7.96 -0.58 | 143.00 -7.82 -0.51 | 139.78 -7.79 -0.57 | 121.64 -6.78 -0.51 | 88.75 -5.05 -0.23 | 64.72 -3.23 -0.62 | 63.43 -2.99 0.00 |
| NM_CAPITAL___DRP 24208 | 89.62 4.96 -20.18 | 69.18 4.73 -6.02 | 68.27 4.50 -7.49 | 61.43 4.70 -0.06 | 60.75 4.55 -0.06 | 63.20 4.68 0.00 | 64.63 4.38 -6.18 | 82.61 4.46 -21.68 | 86.08 4.72 -21.66 | 85.61 5.71 -9.39 | 96.76 5.01 -29.15 | 92.78 5.21 -22.42 | 87.34 5.19 -14.74 | 79.21 4.77 -14.08 | 77.16 4.99 -10.55 | 84.87 6.14 0.00 | 122.34 6.60 0.00 | 158.71 8.56 0.00 | 158.72 8.42 0.00 | 155.23 8.23 0.00 | 135.20 7.29 0.00 | 100.68 7.11 0.00 | 82.79 5.45 -10.01 | 71.66 5.18 -0.06 |
| NM_CENTRAL___DRP 24181 | 63.92 -2.13 -1.58 | 57.19 -1.69 -0.46 | 55.16 -1.69 -0.57 | 55.54 -1.13 0.00 | 54.35 -1.80 0.00 | 57.06 -1.46 0.00 | 53.05 -1.57 -0.56 | 56.55 -1.64 -1.72 | 59.67 -1.73 -1.69 | 69.22 -2.12 -0.82 | 62.94 -1.94 -2.28 | 64.94 -1.95 -1.75 | 65.86 -2.70 -1.15 | 59.47 -1.99 -1.10 | 60.42 -2.03 -0.84 | 75.92 -2.99 -0.18 | 111.75 -4.51 -0.52 | 145.13 -5.56 -0.54 | 145.36 -5.41 -0.47 | 142.09 -5.44 -0.53 | 123.65 -4.73 -0.47 | 90.04 -3.74 -0.21 | 65.95 -2.15 -0.78 | 64.23 -2.19 0.00 |
| NM_FRONTIER___DRP 24179 | 55.06 -9.35 0.07 | 51.10 -8.12 -0.79 | 49.33 -7.94 -0.99 | 51.35 -5.33 -0.01 | 48.35 -7.80 -0.01 | 52.02 -6.50 0.00 | 40.24 -7.95 5.88 | 46.33 -8.25 1.90 | 50.19 -9.43 0.09 | 52.31 -11.07 7.12 | 52.66 -9.83 0.12 | 54.76 -10.29 0.09 | 53.59 -13.75 0.06 | 50.22 -10.08 0.06 | 50.17 -10.41 1.04 | 50.31 -14.17 14.24 | 56.21 -18.98 40.55 | 83.95 -24.62 41.58 | 88.91 -24.65 36.74 | 81.29 -24.40 41.31 | 70.27 -21.23 36.41 | 59.34 -17.78 16.46 | 56.10 -11.18 0.05 | 55.07 -11.36 -0.01 |
| NM_ST_REGIS___HYD 24053 | 64.47 0.00 0.00 | 57.96 -0.47 0.00 | 55.83 -0.45 0.00 | 55.02 -1.64 0.00 | 55.41 -0.73 0.00 | 57.47 -1.05 0.00 | 53.25 -0.81 0.00 | 55.63 -0.85 0.00 | 59.23 -0.48 0.00 | 69.87 -0.63 0.00 | 62.35 -0.25 0.00 | 64.89 -0.26 0.00 | 68.15 0.74 0.00 | 60.31 -0.06 0.00 | 61.31 -0.31 0.00 | 77.39 -1.34 0.00 | 114.12 -1.62 0.00 | 147.75 -2.40 0.00 | 147.75 -2.56 0.00 | 144.50 -2.50 0.00 | 125.48 -2.43 0.00 | 91.89 -1.68 0.00 | 66.79 -0.54 0.00 | 66.15 -0.27 0.00 |
| NORTHPORT___1 23551 | 87.05 6.83 -15.74 | 92.01 5.78 -27.80 | 81.63 5.29 -20.06 | 79.38 5.44 -17.27 | 78.01 5.39 -16.48 | 73.94 4.45 -10.97 | 79.83 4.38 -21.39 | 84.13 5.03 -22.63 | 99.66 5.79 -34.16 | 119.26 6.63 -42.12 | 123.24 5.07 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.64 5.35 -42.56 | 131.10 5.90 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.12 6.40 -24.81 | 148.22 6.64 -48.01 | 123.86 5.05 -51.48 | 120.19 4.32 -49.45 |
| NORTHPORT___2 23552 | 87.05 6.83 -15.74 | 92.01 5.78 -27.80 | 81.63 5.29 -20.06 | 79.38 5.44 -17.27 | 78.01 5.39 -16.48 | 73.94 4.45 -10.97 | 79.83 4.38 -21.39 | 84.13 5.03 -22.63 | 99.66 5.79 -34.16 | 119.26 6.63 -42.12 | 123.24 5.07 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.64 5.35 -42.56 | 131.10 5.90 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.12 6.40 -24.81 | 148.22 6.64 -48.01 | 123.86 5.05 -51.48 | 120.19 4.32 -49.45 |
| NORTHPORT___3 23553 | 86.47 6.25 -15.74 | 91.42 5.20 -27.80 | 81.07 4.73 -20.06 | 78.81 4.87 -17.27 | 77.45 4.83 -16.48 | 73.47 3.98 -10.97 | 79.40 3.95 -21.39 | 83.73 4.63 -22.63 | 99.25 5.37 -34.16 | 118.48 5.85 -42.12 | 122.11 3.94 -55.56 | 124.03 3.91 -54.97 | 127.71 3.77 -56.53 | 129.32 3.50 -65.45 | 125.48 3.33 -60.54 | 125.22 3.94 -42.56 | 128.90 3.70 -9.45 | 168.33 5.56 -12.62 | 168.54 5.11 -13.13 | 154.39 5.14 -2.24 | 156.81 4.09 -24.80 | 146.44 4.87 -48.00 | 122.64 3.84 -51.48 | 119.53 3.65 -49.45 |
| NORTHPORT___4 23650 | 86.47 6.25 -15.74 | 91.42 5.20 -27.80 | 81.07 4.73 -20.06 | 78.81 4.87 -17.27 | 77.45 4.83 -16.48 | 73.47 3.98 -10.97 | 79.40 3.95 -21.39 | 83.73 4.63 -22.63 | 99.25 5.37 -34.16 | 118.48 5.85 -42.12 | 122.11 3.94 -55.56 | 124.03 3.91 -54.97 | 127.71 3.77 -56.53 | 129.32 3.50 -65.45 | 125.48 3.33 -60.54 | 125.22 3.94 -42.56 | 128.90 3.70 -9.45 | 168.33 5.56 -12.62 | 168.54 5.11 -13.13 | 154.39 5.14 -2.24 | 156.81 4.09 -24.80 | 146.44 4.87 -48.00 | 122.64 3.84 -51.48 | 119.53 3.65 -49.45 |
| NORTHPORT___IC 23718 | 87.05 6.83 -15.74 | 92.01 5.78 -27.80 | 81.63 5.29 -20.06 | 79.38 5.44 -17.27 | 78.01 5.39 -16.48 | 73.94 4.45 -10.97 | 79.83 4.38 -21.39 | 84.13 5.03 -22.63 | 99.66 5.79 -34.16 | 119.26 6.63 -42.12 | 123.24 5.07 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.64 5.35 -42.56 | 131.10 5.90 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.12 6.40 -24.81 | 148.22 6.64 -48.01 | 123.86 5.05 -51.48 | 120.19 4.32 -49.45 |
| NPX_GEN_1385_PROXY 323591 | 87.18 6.96 -15.74 | 92.12 5.90 -27.80 | 81.75 5.40 -20.06 | 79.43 5.50 -17.27 | 78.12 5.50 -16.48 | 71.94 4.51 -8.91 | 82.00 4.49 -23.45 | 84.24 5.14 -22.63 | 99.78 5.91 -34.16 | 119.40 6.77 -42.12 | 123.36 5.20 -55.56 | 125.33 5.21 -54.97 | 129.06 5.12 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.33 6.13 -9.45 | 171.34 8.56 -12.63 | 171.11 7.67 -13.14 | 157.33 8.08 -2.25 | 159.38 6.65 -24.81 | 148.41 6.83 -48.01 | 124.21 5.18 -51.70 | 120.04 4.38 -49.24 |
| NPX_GEN_CSC 323557 | 87.63 7.41 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 72.23 4.80 -8.91 | 82.22 4.70 -23.45 | 84.24 5.14 -22.63 | 99.84 5.97 -34.16 | 119.40 6.77 -42.12 | 123.30 5.13 -55.56 | 125.20 5.08 -54.97 | 128.85 4.92 -56.53 | 130.35 4.53 -65.45 | 126.53 4.37 -60.54 | 126.64 5.35 -42.56 | 131.22 6.02 -9.45 | 170.89 8.11 -12.63 | 170.81 7.36 -13.14 | 156.89 7.64 -2.25 | 159.63 6.91 -24.81 | 148.41 6.83 -48.01 | 124.01 4.98 -51.70 | 119.71 4.05 -49.24 |
| NSINS_S_GLNS_FALLS 23858 | 89.26 4.19 -20.59 | 70.18 5.61 -6.15 | 69.10 5.18 -7.65 | 62.05 5.33 -0.06 | 61.37 5.17 -0.06 | 63.73 5.21 0.00 | 65.56 5.19 -6.31 | 83.79 5.20 -22.12 | 86.35 4.54 -22.10 | 85.73 5.64 -9.58 | 98.80 6.45 -29.75 | 94.35 6.32 -22.88 | 88.85 6.40 -15.05 | 80.59 5.86 -14.36 | 78.85 6.47 -10.77 | 86.68 7.95 0.00 | 120.84 5.09 0.00 | 157.21 7.06 0.00 | 156.46 6.16 0.00 | 153.17 6.17 0.00 | 133.16 5.24 0.00 | 102.18 8.61 0.00 | 83.60 6.06 -10.21 | 71.33 4.85 -0.06 |
| NUCOR_STEEL___DRP 24197 | 63.00 -3.74 -2.26 | 56.04 -3.04 -0.66 | 54.06 -3.04 -0.82 | 54.35 -2.32 -0.01 | 52.84 -3.31 -0.01 | 55.71 -2.81 0.00 | 52.02 -2.87 -0.82 | 56.17 -2.77 -2.47 | 59.51 -2.63 -2.43 | 68.75 -2.96 -1.21 | 63.24 -2.63 -3.27 | 65.05 -2.61 -2.51 | 65.28 -3.77 -1.65 | 59.17 -2.78 -1.58 | 59.98 -2.83 -1.20 | 74.70 -4.33 -0.31 | 110.72 -5.90 -0.88 | 144.14 -6.91 -0.90 | 144.33 -6.76 -0.80 | 140.98 -6.91 -0.90 | 122.44 -6.27 -0.79 | 88.78 -5.15 -0.36 | 65.22 -3.23 -1.12 | 62.84 -3.59 -0.01 |
| NYISO_LBMP_REFERENCE 24008 | 64.47 0.00 0.00 | 58.42 0.00 0.00 | 56.28 0.00 0.00 | 56.67 0.00 0.00 | 56.14 0.00 0.00 | 58.52 0.00 0.00 | 54.06 0.00 0.00 | 56.47 0.00 0.00 | 59.71 0.00 0.00 | 70.51 0.00 0.00 | 62.60 0.00 0.00 | 65.15 0.00 0.00 | 67.41 0.00 0.00 | 60.37 0.00 0.00 | 61.61 0.00 0.00 | 78.72 0.00 0.00 | 115.74 0.00 0.00 | 150.15 0.00 0.00 | 150.30 0.00 0.00 | 147.00 0.00 0.00 | 127.91 0.00 0.00 | 93.57 0.00 0.00 | 67.33 0.00 0.00 | 66.42 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 87.89 7.67 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.58 5.09 -10.97 | 80.48 5.03 -21.39 | 84.86 5.76 -22.63 | 100.50 6.63 -34.16 | 120.31 7.69 -42.12 | 124.18 6.01 -55.56 | 126.11 5.99 -54.97 | 129.80 5.86 -56.53 | 131.25 5.43 -65.45 | 127.45 5.30 -60.54 | 127.74 6.46 -42.56 | 132.84 7.64 -9.45 | 173.59 10.81 -12.63 | 173.66 10.22 -13.14 | 159.54 10.29 -2.25 | 161.30 8.57 -24.81 | 149.72 8.14 -48.01 | 124.80 5.99 -51.48 | 120.92 5.05 -49.45 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| NYPA_GOWANUS____GT5 24156 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NYPA_GOWANUS____GT6 24157 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |
| NYPA_HARLEM__RVR__GT1 24160 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 202.95 11.56 -41.24 | 204.68 11.87 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| NYPA_HARLEM__RVR__GT2 24161 | 197.61 6.71 -126.43 | 196.78 5.32 -133.04 | 195.95 5.07 -134.60 | 195.95 5.27 -134.01 | 195.95 5.05 -134.76 | 195.95 5.21 -132.22 | 196.78 4.97 -137.75 | 196.78 5.36 -134.94 | 196.78 5.85 -131.22 | 197.61 7.12 -119.98 | 198.44 6.14 -129.70 | 198.44 6.51 -126.78 | 198.44 6.40 -124.63 | 198.44 5.86 -132.22 | 198.44 5.91 -130.91 | 198.44 7.32 -112.39 | 199.27 8.80 -74.73 | 202.95 11.56 -41.24 | 204.68 11.87 -42.51 | 204.83 11.61 -46.22 | 204.83 10.23 -66.68 | 203.10 9.08 -100.45 | 199.27 6.60 -125.35 | 198.44 6.11 -125.91 |
| NYPA_KENT____GT 24152 | 86.54 6.32 -15.75 | 87.50 5.49 -23.58 | 86.96 5.23 -25.45 | 85.91 5.44 -23.80 | 84.07 5.22 -22.71 | 78.97 5.33 -15.13 | 86.79 5.03 -27.71 | 86.80 5.53 -24.80 | 107.09 6.03 -41.35 | 134.57 7.40 -56.66 | 138.22 6.39 -69.23 | 142.45 6.71 -70.59 | 149.37 6.67 -75.29 | 154.62 6.10 -88.15 | 150.12 6.16 -82.34 | 146.66 7.56 -60.38 | 137.65 9.26 -12.64 | 179.30 12.31 -16.83 | 180.26 12.47 -17.49 | 162.36 12.20 -3.16 | 171.53 10.74 -32.87 | 166.36 9.45 -63.34 | 139.55 6.87 -65.36 | 140.46 6.38 -67.66 |
| NYPA_POUCH1____GT 24155 | 86.28 6.06 -15.75 | 87.51 5.67 -23.41 | 86.96 5.40 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.65 5.08 -27.50 | 86.85 5.65 -24.73 | 106.41 6.21 -40.49 | 132.98 7.54 -54.93 | 136.78 6.57 -67.61 | 140.78 6.91 -68.73 | 147.27 6.81 -73.06 | 152.04 6.22 -85.45 | 147.65 6.28 -79.75 | 144.78 7.79 -58.26 | 138.49 9.61 -13.14 | 180.10 12.46 -17.49 | 181.24 12.78 -18.16 | 162.64 12.35 -3.30 | 172.90 10.87 -34.12 | 168.93 9.64 -65.72 | 141.84 7.00 -67.51 | 140.59 6.58 -67.59 |
| NYPA_VERNON____GT2 24162 | 86.54 6.32 -15.75 | 87.49 5.32 -23.75 | 86.97 5.07 -25.62 | 85.95 5.27 -24.01 | 84.05 5.00 -22.91 | 78.93 5.15 -15.26 | 86.89 4.92 -27.91 | 86.70 5.36 -24.87 | 103.40 5.79 -37.90 | 127.31 7.12 -49.68 | 131.41 6.14 -62.67 | 134.75 6.51 -63.09 | 140.09 6.40 -66.28 | 143.47 5.86 -77.25 | 139.40 5.91 -71.87 | 137.87 7.32 -51.82 | 136.81 8.91 -12.15 | 178.04 11.71 -16.18 | 179.14 12.02 -16.81 | 161.78 11.76 -3.02 | 169.89 10.36 -31.62 | 163.70 9.17 -60.95 | 137.19 6.67 -63.20 | 133.93 6.11 -61.40 |
| NYPA_VERNON____GT3 24163 | 86.54 6.32 -15.75 | 87.49 5.32 -23.75 | 86.97 5.07 -25.62 | 85.95 5.27 -24.01 | 84.05 5.00 -22.91 | 78.93 5.15 -15.26 | 86.89 4.92 -27.91 | 86.70 5.36 -24.87 | 103.40 5.79 -37.90 | 127.31 7.12 -49.68 | 131.41 6.14 -62.67 | 134.75 6.51 -63.09 | 140.09 6.40 -66.28 | 143.47 5.86 -77.25 | 139.40 5.91 -71.87 | 137.87 7.32 -51.82 | 136.81 8.91 -12.15 | 178.04 11.71 -16.18 | 179.14 12.02 -16.81 | 161.78 11.76 -3.02 | 169.89 10.36 -31.62 | 163.70 9.17 -60.95 | 137.19 6.67 -63.20 | 133.93 6.11 -61.40 |
| NYPA__ASTORIA_CC1 323568 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| NYPA__ASTORIA_CC2 323569 | 86.60 6.38 -15.75 | 87.10 5.26 -23.41 | 86.56 5.01 -25.27 | 85.47 5.21 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.48 4.92 -27.50 | 86.56 5.36 -24.73 | 103.85 5.79 -38.35 | 128.14 7.05 -50.58 | 132.19 6.07 -63.52 | 135.66 6.45 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.90 7.24 -52.93 | 136.32 8.68 -11.89 | 177.55 11.56 -15.84 | 178.63 11.87 -16.46 | 161.41 11.47 -2.95 | 168.98 10.11 -30.96 | 162.26 8.98 -59.71 | 135.93 6.53 -62.07 | 133.90 6.04 -61.44 |
| NYPA__HOLTSVILL 23794 | 87.50 7.29 -15.74 | 92.53 6.31 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.52 5.89 -16.48 | 74.23 4.74 -10.97 | 80.10 4.65 -21.39 | 84.35 5.25 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.42 5.26 -55.56 | 125.33 5.21 -54.97 | 128.99 5.06 -56.53 | 130.53 4.71 -65.45 | 126.71 4.56 -60.54 | 126.79 5.51 -42.56 | 131.45 6.25 -9.45 | 171.49 8.71 -12.63 | 171.41 7.97 -13.14 | 157.48 8.23 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 123.99 5.18 -51.48 | 120.12 4.25 -49.45 |
| NYPA__HELLGATE_GT1 24158 | 197.55 6.64 -126.43 | 196.72 5.26 -133.04 | 195.89 5.01 -134.60 | 195.89 5.21 -134.01 | 195.84 4.94 -134.76 | 195.83 5.09 -132.22 | 196.67 4.87 -137.75 | 196.72 5.31 -134.94 | 196.66 5.73 -131.22 | 197.47 6.98 -119.98 | 198.38 6.07 -129.70 | 198.31 6.38 -126.78 | 198.37 6.34 -124.63 | 198.38 5.80 -132.22 | 198.32 5.79 -130.91 | 198.28 7.16 -112.39 | 199.15 8.68 -74.73 | 169.84 11.41 -8.28 | 170.67 11.72 -8.65 | 159.78 11.47 -1.32 | 204.70 10.11 -66.68 | 203.01 8.98 -100.45 | 110.97 6.53 -37.12 | 198.37 6.04 -125.91 |
| NYPA__HELLGATE_GT2 24159 | 197.55 6.64 -126.43 | 196.72 5.26 -133.04 | 195.89 5.01 -134.60 | 195.89 5.21 -134.01 | 195.84 4.94 -134.76 | 195.83 5.09 -132.22 | 196.67 4.87 -137.75 | 196.72 5.31 -134.94 | 196.66 5.73 -131.22 | 197.47 6.98 -119.98 | 198.38 6.07 -129.70 | 198.31 6.38 -126.78 | 198.37 6.34 -124.63 | 198.38 5.80 -132.22 | 198.32 5.79 -130.91 | 198.28 7.16 -112.39 | 199.15 8.68 -74.73 | 169.84 11.41 -8.28 | 170.67 11.72 -8.65 | 159.78 11.47 -1.32 | 204.70 10.11 -66.68 | 203.01 8.98 -100.45 | 110.97 6.53 -37.12 | 198.37 6.04 -125.91 |
| NYS_BARGE__HYD 23848 | 55.67 -8.64 0.16 | 51.78 -7.42 -0.78 | 50.04 -7.20 -0.97 | 51.97 -4.70 -0.01 | 48.91 -7.24 -0.01 | 52.55 -5.97 0.00 | 40.71 -7.35 5.99 | 46.88 -7.57 2.03 | 51.04 -8.48 0.19 | 53.29 -9.94 7.27 | 53.53 -8.83 0.25 | 55.77 -9.19 0.19 | 54.67 -12.60 0.13 | 51.13 -9.12 0.13 | 51.15 -9.37 1.10 | 51.44 -12.83 14.46 | 57.56 -17.01 41.17 | 86.02 -21.92 42.21 | 91.20 -21.79 37.30 | 83.45 -21.61 41.94 | 72.02 -18.93 36.97 | 60.77 -16.09 16.71 | 57.14 -10.10 0.09 | 56.13 -10.29 -0.01 |
| O.H_GEN_BRUCE 24063 | 45.48 -9.54 9.45 | 43.31 -8.35 6.76 | 43.31 -8.10 4.87 | 41.29 -5.61 9.77 | 43.31 -7.97 4.86 | 43.31 -6.73 8.48 | 42.00 -8.11 3.95 | 46.00 -8.41 2.06 | 50.00 -9.49 0.22 | 52.00 -11.21 7.30 | 52.36 -9.95 0.29 | 54.50 -10.42 0.22 | 53.50 -13.75 0.15 | 50.02 -10.20 0.14 | 50.03 -10.47 1.11 | 50.00 -14.25 14.48 | 55.31 -19.21 41.22 | 82.96 -24.92 42.27 | 88.00 -24.95 37.35 | 80.31 -24.70 41.99 | 69.41 -21.49 37.01 | 58.97 -17.87 16.73 | 53.00 -11.31 3.02 | 50.00 -11.49 4.93 |
| OAK ORCHARD__HYD 24046 | 56.58 -7.09 0.80 | 53.59 -5.49 -0.66 | 51.76 -5.35 -0.82 | 52.82 -3.85 -0.01 | 50.09 -6.06 -0.01 | 53.25 -5.27 0.00 | 41.60 -5.73 6.73 | 47.60 -5.99 2.89 | 53.10 -5.73 0.88 | 55.58 -6.70 8.23 | 55.41 -6.01 1.18 | 58.05 -6.19 0.91 | 58.51 -8.29 0.60 | 53.69 -6.10 0.58 | 53.74 -6.35 1.53 | 54.29 -8.66 15.78 | 59.24 -11.57 44.93 | 89.67 -14.41 46.07 | 95.16 -14.43 40.71 | 86.82 -14.41 45.77 | 74.90 -12.66 40.35 | 64.58 -10.76 18.24 | 59.91 -7.00 0.41 | 59.25 -7.17 -0.01 |

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| OCC_CHEM___DRP 24175 | 55.13 -9.28 0.06 | 51.10 -8.12 -0.79 | 49.39 -7.88 -0.99 | 51.40 -5.27 -0.01 | 48.40 -7.75 -0.01 | 52.08 -6.44 0.00 | 40.30 -7.89 5.87 | 46.39 -8.19 1.89 | 50.25 -9.37 0.08 | 52.40 -11.00 7.11 | 52.73 -9.77 0.11 | 54.83 -10.23 0.08 | 53.66 -13.68 0.06 | 50.29 -10.02 0.06 | 50.23 -10.35 1.03 | 50.41 -14.09 14.22 | 56.37 -18.87 40.50 | 84.15 -24.47 41.53 | 89.25 -24.35 36.70 | 81.48 -24.25 41.26 | 70.57 -20.98 36.37 | 59.45 -17.69 16.44 | 56.18 -11.11 0.04 | 55.14 -11.29 -0.01 |
| OLIN_CORP_DRP 24177 | 55.44 -9.03 0.01 | 51.40 -7.83 -0.80 | 49.68 -7.60 -1.00 | 51.57 -5.10 -0.01 | 48.63 -7.52 -0.01 | 52.26 -6.26 0.00 | 40.59 -7.68 5.80 | 46.75 -7.91 1.81 | 50.67 -9.02 0.02 | 52.91 -10.58 7.02 | 53.12 -9.45 0.03 | 55.29 -9.84 0.02 | 54.11 -13.28 0.02 | 50.69 -9.66 0.02 | 50.64 -9.98 0.99 | 51.02 -13.62 14.09 | 57.34 -18.29 40.12 | 85.44 -23.57 41.14 | 90.50 -23.45 36.35 | 82.90 -23.23 40.87 | 71.68 -20.21 36.02 | 60.17 -17.12 16.28 | 56.61 -10.70 0.01 | 55.53 -10.89 -0.01 |
| ONONDAGA_REF_OCCRA 23987 | 64.44 -1.81 -1.77 | 57.48 -1.46 -0.52 | 55.46 -1.46 -0.65 | 55.71 -0.96 -0.01 | 54.63 -1.52 -0.01 | 57.29 -1.23 0.00 | 53.38 -1.30 -0.62 | 57.10 -1.30 -1.93 | 60.30 -1.31 -1.90 | 69.80 -1.62 -0.91 | 63.66 -1.50 -2.56 | 65.62 -1.50 -1.97 | 66.54 -2.16 -1.30 | 60.03 -1.57 -1.24 | 60.95 -1.60 -0.94 | 76.46 -2.44 -0.18 | 112.54 -3.70 -0.50 | 146.16 -4.50 -0.52 | 146.55 -4.21 -0.46 | 143.10 -4.41 -0.51 | 124.40 -3.97 -0.45 | 90.78 -2.99 -0.20 | 66.52 -1.68 -0.88 | 64.63 -1.79 -0.01 |
| ONONDAGA___COGEN 23986 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -4.28 -0.73 | 145.19 -5.71 -0.75 | 145.40 -5.56 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| ONTARIO___LFGE 23819 | 63.47 -3.61 -2.60 | 56.31 -2.86 -0.75 | 54.40 -2.81 -0.93 | 54.92 -1.76 -0.01 | 53.06 -3.09 -0.01 | 56.06 -2.46 0.00 | 52.29 -2.76 -0.99 | 56.68 -2.65 -2.86 | 59.94 -2.57 -2.79 | 69.13 -2.82 -1.44 | 63.80 -2.57 -3.76 | 65.43 -2.61 -2.89 | 65.26 -4.04 -1.90 | 59.41 -2.78 -1.82 | 60.17 -2.83 -1.39 | 74.86 -4.33 -0.47 | 111.40 -5.67 -1.33 | 145.06 -6.46 -1.36 | 145.34 -6.16 -1.21 | 142.03 -6.32 -1.36 | 123.48 -5.63 -1.19 | 89.15 -4.96 -0.54 | 65.45 -3.16 -1.29 | 62.97 -3.45 -0.01 |
| OSWEGATCHIE___HYD 24044 | 64.28 -0.19 0.00 | 58.02 -0.41 0.00 | 55.89 -0.39 0.00 | 55.65 -1.02 0.00 | 55.47 -0.67 0.00 | 57.70 -0.82 0.00 | 53.41 -0.65 0.00 | 55.91 -0.56 0.00 | 59.41 -0.30 0.00 | 70.22 -0.28 0.00 | 62.60 0.00 0.00 | 65.21 0.07 0.00 | 67.94 0.54 0.00 | 60.43 0.06 0.00 | 61.61 0.00 0.00 | 77.15 -1.57 0.00 | 112.73 -3.01 0.00 | 146.10 -4.05 0.00 | 146.09 -4.21 0.00 | 142.88 -4.12 0.00 | 124.08 -3.84 0.00 | 91.42 -2.15 0.00 | 67.19 -0.13 0.00 | 65.62 -0.80 0.00 |
| OSWEGO___5 23606 | 63.32 -2.51 -1.36 | 56.73 -2.10 -0.41 | 54.76 -2.03 -0.50 | 55.03 -1.64 0.00 | 54.01 -2.13 0.00 | 56.53 -1.99 0.00 | 52.48 -2.00 -0.42 | 55.90 -2.03 -1.46 | 59.02 -2.15 -1.46 | 68.39 -2.75 -0.63 | 62.06 -2.50 -1.96 | 64.05 -2.61 -1.51 | 65.30 -3.10 -0.99 | 58.84 -2.48 -0.95 | 59.74 -2.59 -0.71 | 75.18 -3.54 0.00 | 110.42 -5.32 0.00 | 143.54 -6.61 0.00 | 143.69 -6.61 0.00 | 140.38 -6.61 0.00 | 122.16 -5.76 0.00 | 89.27 -4.30 0.00 | 65.31 -2.69 -0.67 | 63.83 -2.59 0.00 |
| OSWEGO___6 23613 | 63.32 -2.51 -1.36 | 56.73 -2.10 -0.41 | 54.76 -2.03 -0.50 | 55.03 -1.64 0.00 | 54.01 -2.13 0.00 | 56.53 -1.99 0.00 | 52.48 -2.00 -0.42 | 55.90 -2.03 -1.46 | 59.02 -2.15 -1.46 | 68.39 -2.75 -0.63 | 62.06 -2.50 -1.96 | 64.05 -2.61 -1.51 | 65.30 -3.10 -0.99 | 58.84 -2.48 -0.95 | 59.74 -2.59 -0.71 | 75.18 -3.54 0.00 | 110.42 -5.32 0.00 | 143.54 -6.61 0.00 | 143.69 -6.61 0.00 | 140.38 -6.61 0.00 | 122.16 -5.76 0.00 | 89.27 -4.30 0.00 | 65.31 -2.69 -0.67 | 63.83 -2.59 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 56.37 -8.12 -0.02 | 52.22 -7.01 -0.81 | 50.48 -6.81 -1.00 | 52.31 -4.36 -0.01 | 49.41 -6.74 -0.01 | 53.02 -5.50 0.00 | 41.43 -6.87 5.77 | 47.75 -6.95 1.78 | 51.77 -7.94 -0.01 | 54.22 -9.31 6.98 | 54.35 -8.26 -0.01 | 56.55 -8.60 -0.01 | 55.48 -11.93 0.00 | 51.80 -8.57 0.00 | 51.83 -8.81 0.98 | 52.48 -12.20 14.04 | 59.67 -16.09 39.98 | 88.58 -20.57 41.00 | 93.63 -20.44 36.23 | 85.98 -20.29 40.73 | 74.36 -17.65 35.90 | 62.09 -15.25 16.23 | 57.83 -9.49 0.00 | 56.66 -9.76 -0.01 |
| OXBOW___ 24026 | 55.88 -8.57 0.02 | 51.75 -7.48 -0.80 | 50.02 -7.26 -1.00 | 51.97 -4.70 -0.01 | 49.02 -7.13 -0.01 | 52.67 -5.85 0.00 | 40.95 -7.30 5.82 | 47.18 -7.45 1.83 | 51.13 -8.54 0.04 | 53.45 -10.01 7.05 | 53.67 -8.89 0.05 | 55.86 -9.25 0.04 | 54.71 -12.67 0.03 | 51.22 -9.12 0.03 | 51.18 -9.43 1.00 | 51.68 -12.91 14.13 | 58.38 -17.13 40.24 | 86.82 -22.07 41.26 | 91.75 -22.09 36.46 | 84.25 -21.76 40.99 | 72.72 -19.06 36.13 | 61.05 -16.19 16.33 | 57.14 -10.17 0.02 | 56.06 -10.36 -0.01 |
| PEEKSKILL___ 23653 | 85.05 4.96 -15.61 | 61.47 4.15 1.10 | 60.04 3.94 0.18 | 53.58 4.14 7.22 | 53.18 3.93 6.89 | 57.87 3.98 4.63 | 55.62 3.89 2.33 | 75.03 4.24 -14.32 | 73.84 4.66 -9.47 | 68.93 5.99 7.57 | 76.56 5.26 -8.70 | 72.21 5.54 -1.53 | 65.27 5.46 7.60 | 53.28 5.01 12.10 | 52.74 5.05 13.93 | 66.60 6.14 18.26 | 118.30 7.41 4.85 | 153.85 9.91 6.21 | 154.20 10.22 6.33 | 155.16 10.00 1.83 | 125.50 8.83 11.24 | 80.92 7.95 20.61 | 62.36 5.72 10.69 | 50.66 5.05 20.81 |
| PGE MADISON___WINDPWR 24146 | 69.56 0.45 -4.64 | 60.32 0.47 -1.42 | 58.39 0.34 -1.77 | 57.53 0.85 -0.01 | 56.27 0.11 -0.01 | 59.16 0.64 0.00 | 55.91 0.70 -1.14 | 62.56 1.19 -4.90 | 66.24 1.55 -4.98 | 74.65 2.33 -1.82 | 71.37 2.07 -6.70 | 72.65 2.35 -5.15 | 72.28 1.48 -3.39 | 65.05 1.45 -3.24 | 65.66 1.66 -2.38 | 79.54 1.50 0.68 | 116.57 2.78 1.95 | 153.26 5.11 2.00 | 153.80 5.26 1.77 | 150.01 5.00 1.98 | 130.00 3.84 1.75 | 94.93 2.15 0.79 | 71.11 1.48 -2.30 | 67.10 0.66 -0.01 |
| PIERCEFIELD___HYD 23852 | 64.28 -0.19 0.00 | 57.90 -0.53 0.00 | 55.72 -0.56 0.00 | 55.02 -1.64 0.00 | 55.36 -0.79 0.00 | 57.35 -1.17 0.00 | 53.14 -0.92 0.00 | 55.46 -1.02 0.00 | 58.99 -0.72 0.00 | 69.66 -0.85 0.00 | 62.16 -0.44 0.00 | 64.69 -0.46 0.00 | 67.94 0.54 0.00 | 60.19 -0.18 0.00 | 61.18 -0.43 0.00 | 76.99 -1.73 0.00 | 113.20 -2.55 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.32 -3.67 0.00 | 124.46 -3.45 0.00 | 91.42 -2.15 0.00 | 66.72 -0.61 0.00 | 66.02 -0.40 0.00 |
| PINELAWN_CC_1 323563 | 87.63 7.41 -15.74 | 92.47 6.25 -27.80 | 82.08 5.74 -20.06 | 79.83 5.89 -17.27 | 78.46 5.84 -16.48 | 74.46 4.97 -10.97 | 80.32 4.87 -21.39 | 84.69 5.59 -22.63 | 100.32 6.45 -34.16 | 120.31 7.69 -42.12 | 124.24 6.07 -55.56 | 126.31 6.19 -54.97 | 130.00 6.07 -56.53 | 131.44 5.61 -65.45 | 127.64 5.48 -60.54 | 127.90 6.61 -42.56 | 131.91 6.71 -9.45 | 172.09 9.31 -12.63 | 171.86 8.42 -13.14 | 158.22 8.97 -2.25 | 160.02 7.29 -24.81 | 148.97 7.39 -48.01 | 124.93 6.13 -51.48 | 121.05 5.18 -49.45 |
| PJM_GEN_KEystone 24065 | 74.09 -1.29 -10.91 | 64.00 2.16 -3.41 | 62.61 2.08 -4.25 | 59.42 2.72 -0.03 | 58.25 2.08 -0.03 | 58.86 2.40 2.06 | 60.49 2.16 -4.27 | 70.32 2.48 -11.36 | 74.10 2.69 -11.70 | 77.73 3.53 -3.70 | 81.36 3.00 -15.75 | 80.52 3.26 -12.11 | 78.00 2.63 -7.97 | 70.69 2.72 -7.61 | 69.84 2.71 -5.51 | 78.96 2.99 2.76 | 111.59 3.70 7.86 | 147.50 5.41 8.05 | 149.04 5.86 7.12 | 144.58 5.59 8.00 | 125.85 4.99 7.05 | 94.78 4.40 3.19 | 76.25 3.30 -5.63 | 68.96 2.72 0.19 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 86.66 6.45 -15.74 | 91.60 5.38 -27.80 | 81.30 4.95 -20.06 | 79.04 5.10 -17.27 | 77.68 5.05 -16.48 | 71.65 4.21 -8.91 | 81.67 4.16 -23.45 | 83.96 4.86 -22.63 | 99.42 5.55 -34.16 | 119.33 6.70 -42.12 | 123.49 5.32 -55.56 | 125.53 5.41 -54.97 | 129.19 5.26 -56.53 | 130.71 4.89 -65.45 | 126.90 4.74 -60.54 | 126.95 5.67 -42.56 | 131.68 6.48 -9.45 | 171.79 9.01 -12.63 | 172.01 8.57 -13.14 | 157.77 8.53 -2.25 | 159.76 7.04 -24.81 | 148.60 7.02 -48.01 | 124.28 5.25 -51.70 | 120.10 4.45 -49.24 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| PLEASANTVLY___LBMP 24000 | 85.85 5.09 -16.28 | 68.12 4.38 -5.32 | 66.97 4.16 -6.52 | 61.64 4.36 -0.61 | 60.88 4.15 -0.58 | 63.09 4.21 -0.36 | 63.56 4.05 -5.45 | 78.53 4.40 -17.65 | 82.52 4.78 -18.04 | 85.18 6.06 -8.61 | 92.51 5.32 -24.59 | 90.06 5.60 -19.31 | 86.29 5.53 -13.36 | 78.56 5.07 -13.13 | 76.93 5.11 -10.20 | 86.20 6.30 -1.18 | 122.89 7.41 0.27 | 159.88 9.91 0.18 | 160.28 10.07 0.09 | 156.34 9.85 0.51 | 136.90 8.70 -0.29 | 102.85 7.95 -1.33 | 82.61 5.79 -9.49 | 73.25 5.18 -1.65 |
| POLETTI____ 23519 | 86.21 6.00 -15.74 | 86.76 4.91 -23.43 | 86.23 4.67 -25.28 | 85.14 4.87 -23.60 | 83.32 4.66 -22.52 | 78.32 4.80 -15.00 | 86.17 4.60 -27.51 | 86.23 5.03 -24.73 | 105.65 5.43 -40.50 | 132.43 6.98 -54.95 | 136.36 6.14 -67.62 | 140.34 6.45 -68.75 | 146.88 6.40 -73.07 | 151.70 5.86 -85.47 | 147.23 5.85 -79.77 | 144.24 7.24 -58.28 | 137.92 9.03 -13.15 | 179.66 12.01 -17.50 | 180.80 12.32 -18.17 | 162.36 12.05 -3.31 | 172.66 10.62 -34.13 | 168.58 9.26 -65.74 | 141.59 6.73 -67.53 | 140.01 5.98 -67.61 |
| PORT_JEFF_3 23555 | 87.63 7.41 -15.74 | 92.65 6.43 -27.80 | 82.20 5.85 -20.06 | 79.94 6.01 -17.27 | 78.63 6.01 -16.48 | 74.29 4.80 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 100.02 6.15 -34.16 | 119.33 6.70 -42.12 | 123.05 4.88 -55.56 | 125.01 4.89 -54.97 | 128.65 4.72 -56.53 | 130.17 4.35 -65.45 | 126.34 4.19 -60.54 | 126.40 5.12 -42.56 | 130.75 5.56 -9.45 | 170.59 7.81 -12.63 | 170.36 6.91 -13.14 | 156.60 7.35 -2.25 | 158.99 6.27 -24.81 | 147.94 6.36 -48.01 | 123.59 4.78 -51.48 | 119.86 3.99 -49.45 |
| PORT_JEFF_4 23616 | 87.63 7.41 -15.74 | 92.65 6.43 -27.80 | 82.20 5.85 -20.06 | 79.94 6.01 -17.27 | 78.63 6.01 -16.48 | 74.29 4.80 -10.97 | 80.21 4.76 -21.39 | 84.46 5.36 -22.63 | 100.02 6.15 -34.16 | 119.33 6.70 -42.12 | 123.05 4.88 -55.56 | 125.01 4.89 -54.97 | 128.65 4.72 -56.53 | 130.17 4.35 -65.45 | 126.34 4.19 -60.54 | 126.40 5.12 -42.56 | 130.75 5.56 -9.45 | 170.59 7.81 -12.63 | 170.36 6.91 -13.14 | 156.60 7.35 -2.25 | 158.99 6.27 -24.81 | 147.94 6.36 -48.01 | 123.59 4.78 -51.48 | 119.86 3.99 -49.45 |
| PORT_JEFF_IC 23713 | 87.82 7.61 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.46 4.97 -10.97 | 80.37 4.92 -21.39 | 84.63 5.53 -22.63 | 100.20 6.33 -34.16 | 119.61 6.98 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.33 6.13 -9.45 | 171.64 8.86 -12.63 | 171.26 7.82 -13.14 | 157.48 8.23 -2.25 | 159.76 7.04 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 120.12 4.25 -49.45 |
| PPL PILGRIM_ST_GT1 24216 | 87.89 7.67 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.58 5.09 -10.97 | 80.48 5.03 -21.39 | 84.86 5.76 -22.63 | 100.50 6.63 -34.16 | 120.31 7.69 -42.12 | 124.18 6.01 -55.56 | 126.11 5.99 -54.97 | 129.80 5.86 -56.53 | 131.25 5.43 -65.45 | 127.45 5.30 -60.54 | 127.74 6.46 -42.56 | 132.84 7.64 -9.45 | 173.59 10.81 -12.63 | 173.66 10.22 -13.14 | 159.54 10.29 -2.25 | 161.30 8.57 -24.81 | 149.72 8.14 -48.01 | 124.80 5.99 -51.48 | 120.92 5.05 -49.45 |
| PPL PILGRIM_ST_GT2 24217 | 87.89 7.67 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.58 5.09 -10.97 | 80.48 5.03 -21.39 | 84.86 5.76 -22.63 | 100.50 6.63 -34.16 | 120.31 7.69 -42.12 | 124.18 6.01 -55.56 | 126.11 5.99 -54.97 | 129.80 5.86 -56.53 | 131.25 5.43 -65.45 | 127.45 5.30 -60.54 | 127.74 6.46 -42.56 | 132.84 7.64 -9.45 | 173.59 10.81 -12.63 | 173.66 10.22 -13.14 | 159.54 10.29 -2.25 | 161.30 8.57 -24.81 | 149.72 8.14 -48.01 | 124.80 5.99 -51.48 | 120.92 5.05 -49.45 |
| PPL_SHRM_GT3 24213 | 87.76 7.54 -15.74 | 92.94 6.72 -27.80 | 82.48 6.13 -20.06 | 80.23 6.29 -17.27 | 78.91 6.29 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.30 5.20 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.45 6.25 -9.45 | 169.08 6.31 -12.63 | 169.00 5.56 -13.14 | 155.13 5.88 -2.25 | 159.89 7.16 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 119.99 4.12 -49.45 |
| PPL_SHRM_GT4 24214 | 87.76 7.54 -15.74 | 92.94 6.72 -27.80 | 82.48 6.13 -20.06 | 80.23 6.29 -17.27 | 78.91 6.29 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.30 5.20 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.45 6.25 -9.45 | 169.08 6.31 -12.63 | 169.00 5.56 -13.14 | 155.13 5.88 -2.25 | 159.89 7.16 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 119.99 4.12 -49.45 |
| PROJECT___ORANGE 1 24174 | 63.89 -2.19 -1.60 | 57.20 -1.69 -0.47 | 55.23 -1.63 -0.58 | 55.59 -1.08 0.00 | 54.41 -1.74 0.00 | 57.06 -1.46 0.00 | 53.06 -1.57 -0.57 | 56.58 -1.64 -1.75 | 59.70 -1.73 -1.72 | 69.23 -2.12 -0.84 | 62.98 -1.94 -2.32 | 64.98 -1.95 -1.78 | 65.88 -2.70 -1.17 | 59.49 -1.99 -1.12 | 60.43 -2.03 -0.85 | 75.84 -3.07 -0.18 | 111.64 -4.63 -0.52 | 145.13 -5.56 -0.53 | 145.36 -5.41 -0.47 | 141.94 -5.59 -0.53 | 123.52 -4.86 -0.47 | 90.04 -3.74 -0.21 | 65.97 -2.15 -0.80 | 64.23 -2.19 0.00 |
| PROJECT___ORANGE 2 24166 | 63.89 -2.19 -1.60 | 57.20 -1.69 -0.47 | 55.23 -1.63 -0.58 | 55.59 -1.08 0.00 | 54.41 -1.74 0.00 | 57.06 -1.46 0.00 | 53.06 -1.57 -0.57 | 56.58 -1.64 -1.75 | 59.70 -1.73 -1.72 | 69.23 -2.12 -0.84 | 62.98 -1.94 -2.32 | 64.98 -1.95 -1.78 | 65.88 -2.70 -1.17 | 59.49 -1.99 -1.12 | 60.43 -2.03 -0.85 | 75.84 -3.07 -0.18 | 111.64 -4.63 -0.52 | 145.13 -5.56 -0.53 | 145.36 -5.41 -0.47 | 141.94 -5.59 -0.53 | 123.52 -4.86 -0.47 | 90.04 -3.74 -0.21 | 65.97 -2.15 -0.80 | 64.23 -2.19 0.00 |
| PYRITES___HYD 24023 | 64.60 0.13 0.00 | 58.19 -0.23 0.00 | 56.00 -0.28 0.00 | 55.19 -1.47 0.00 | 55.58 -0.56 0.00 | 57.58 -0.94 0.00 | 53.41 -0.65 0.00 | 55.80 -0.68 0.00 | 59.41 -0.30 0.00 | 70.15 -0.35 0.00 | 62.67 0.06 0.00 | 65.21 0.07 0.00 | 68.48 1.08 0.00 | 60.67 0.30 0.00 | 61.68 0.06 0.00 | 77.78 -0.94 0.00 | 114.70 -1.04 0.00 | 148.80 -1.35 0.00 | 148.65 -1.65 0.00 | 145.38 -1.62 0.00 | 126.25 -1.66 0.00 | 92.36 -1.22 0.00 | 67.06 -0.27 0.00 | 66.42 0.00 0.00 |
| RAMAPO___LBMP 323565 | 84.31 4.58 -15.25 | 62.33 3.86 -0.05 | 60.92 3.66 -0.99 | 54.82 3.80 5.65 | 54.35 3.59 5.39 | 58.58 3.69 3.62 | 56.77 3.62 0.92 | 74.94 4.01 -14.46 | 74.80 4.42 -10.67 | 71.68 5.71 4.54 | 78.74 4.95 -11.19 | 74.99 5.28 -4.56 | 68.80 5.12 3.73 | 57.72 4.71 7.36 | 57.04 4.74 9.32 | 70.13 5.75 14.35 | 118.64 6.83 3.94 | 154.45 9.31 5.01 | 154.84 9.62 5.08 | 154.83 9.41 1.57 | 127.30 8.31 8.93 | 84.87 7.49 16.19 | 65.85 5.39 6.86 | 54.85 4.72 16.28 |
| RANKINE____ 23646 | 57.18 -7.61 -0.31 | 52.68 -6.60 -0.86 | 50.93 -6.42 -1.07 | 52.54 -4.14 -0.01 | 49.81 -6.34 -0.01 | 53.37 -5.15 0.00 | 42.28 -6.38 5.41 | 48.65 -6.44 1.38 | 52.68 -7.34 -0.32 | 55.39 -8.60 6.52 | 55.33 -7.70 -0.43 | 57.53 -7.95 -0.33 | 56.56 -11.05 -0.21 | 52.60 -7.97 -0.20 | 52.64 -8.19 0.78 | 54.01 -11.34 13.38 | 62.61 -15.05 38.09 | 92.03 -19.07 39.06 | 96.85 -18.94 34.51 | 89.53 -18.67 38.80 | 77.34 -16.37 34.20 | 64.08 -14.04 15.46 | 58.72 -8.75 -0.14 | 57.39 -9.03 -0.01 |
| RAVENSWOOD_GT2_1 24244 | 86.14 5.93 -15.74 | 85.10 4.97 -21.71 | 84.51 4.73 -23.51 | 83.04 4.93 -21.45 | 81.27 4.66 -20.47 | 76.95 4.80 -13.63 | 84.14 4.65 -25.43 | 85.52 5.03 -24.02 | 103.55 5.49 -38.35 | 128.00 6.91 -50.58 | 132.19 6.07 -63.52 | 135.59 6.38 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.82 7.16 -52.93 | 136.43 8.80 -11.89 | 177.85 11.86 -15.84 | 178.94 12.17 -16.46 | 161.85 11.91 -2.95 | 169.36 10.49 -30.96 | 162.45 9.17 -59.71 | 135.99 6.60 -62.07 | 133.83 5.98 -61.44 |
| RAVENSWOOD_GT2_2 24245 | 86.14 5.93 -15.74 | 85.10 4.97 -21.71 | 84.51 4.73 -23.51 | 83.04 4.93 -21.45 | 81.27 4.66 -20.47 | 76.95 4.80 -13.63 | 84.14 4.65 -25.43 | 85.52 5.03 -24.02 | 103.55 5.49 -38.35 | 128.00 6.91 -50.58 | 132.19 6.07 -63.52 | 135.59 6.38 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.82 7.16 -52.93 | 136.43 8.80 -11.89 | 177.85 11.86 -15.84 | 178.94 12.17 -16.46 | 161.85 11.91 -2.95 | 169.36 10.49 -30.96 | 162.45 9.17 -59.71 | 135.99 6.60 -62.07 | 133.83 5.98 -61.44 |

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| RAVENSWOOD_GT2_3 24246 | 86.21 6.00 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.04 4.93 -21.45 | 81.32 4.72 -20.47 | 77.01 4.86 -13.63 | 84.14 4.65 -25.43 | 85.57 5.08 -24.02 | 103.55 5.49 -38.35 | 128.07 6.98 -50.58 | 132.26 6.14 -63.52 | 135.66 6.45 -64.06 | 141.25 6.40 -67.45 | 144.88 5.86 -78.66 | 140.75 5.91 -73.22 | 138.90 7.24 -52.93 | 136.55 8.91 -11.89 | 178.00 12.01 -15.84 | 179.09 12.32 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.54 9.26 -59.71 | 136.06 6.67 -62.07 | 133.90 6.04 -61.44 |
| RAVENSWOOD_GT2_4 24247 | 86.21 6.00 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.04 4.93 -21.45 | 81.32 4.72 -20.47 | 77.01 4.86 -13.63 | 84.14 4.65 -25.43 | 85.57 5.08 -24.02 | 103.55 5.49 -38.35 | 128.07 6.98 -50.58 | 132.26 6.14 -63.52 | 135.66 6.45 -64.06 | 141.25 6.40 -67.45 | 144.88 5.86 -78.66 | 140.75 5.91 -73.22 | 138.90 7.24 -52.93 | 136.55 8.91 -11.89 | 178.00 12.01 -15.84 | 179.09 12.32 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.54 9.26 -59.71 | 136.06 6.67 -62.07 | 133.90 6.04 -61.44 |
| RAVENSWOOD_GT3_1 24248 | 86.14 5.93 -15.74 | 85.10 4.97 -21.71 | 84.51 4.73 -23.51 | 83.04 4.93 -21.45 | 81.27 4.66 -20.47 | 76.95 4.80 -13.63 | 84.14 4.65 -25.43 | 85.52 5.03 -24.02 | 103.55 5.49 -38.35 | 128.00 6.91 -50.58 | 132.19 6.07 -63.52 | 135.59 6.38 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.82 7.16 -52.93 | 136.55 8.91 -11.89 | 177.85 11.86 -15.84 | 178.94 12.17 -16.46 | 161.85 11.91 -2.95 | 169.36 10.49 -30.96 | 162.45 9.17 -59.71 | 135.99 6.60 -62.07 | 133.83 5.98 -61.44 |
| RAVENSWOOD_GT3_2 24249 | 86.14 5.93 -15.74 | 85.10 4.97 -21.71 | 84.51 4.73 -23.51 | 83.04 4.93 -21.45 | 81.27 4.66 -20.47 | 76.95 4.80 -13.63 | 84.14 4.65 -25.43 | 85.52 5.03 -24.02 | 103.55 5.49 -38.35 | 128.00 6.91 -50.58 | 132.19 6.07 -63.52 | 135.59 6.38 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.82 7.16 -52.93 | 136.55 8.91 -11.89 | 177.85 11.86 -15.84 | 178.94 12.17 -16.46 | 161.85 11.91 -2.95 | 169.36 10.49 -30.96 | 162.45 9.17 -59.71 | 135.99 6.60 -62.07 | 133.83 5.98 -61.44 |
| RAVENSWOOD_GT3_3 24250 | 86.27 6.06 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.10 4.99 -21.45 | 81.38 4.77 -20.47 | 77.07 4.92 -13.63 | 84.20 4.70 -25.43 | 85.63 5.14 -24.02 | 103.61 5.55 -38.35 | 128.14 7.05 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.66 9.03 -11.89 | 178.15 12.16 -15.84 | 179.24 12.47 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.64 9.36 -59.71 | 136.13 6.73 -62.07 | 133.90 6.04 -61.44 |
| RAVENSWOOD_GT3_4 24251 | 86.27 6.06 -15.74 | 85.16 5.02 -21.71 | 84.57 4.78 -23.51 | 83.10 4.99 -21.45 | 81.38 4.77 -20.47 | 77.07 4.92 -13.63 | 84.20 4.70 -25.43 | 85.63 5.14 -24.02 | 103.61 5.55 -38.35 | 128.14 7.05 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.66 9.03 -11.89 | 178.15 12.16 -15.84 | 179.24 12.47 -16.46 | 162.00 12.05 -2.95 | 169.49 10.62 -30.96 | 162.64 9.36 -59.71 | 136.13 6.73 -62.07 | 133.90 6.04 -61.44 |
| RAVENSWOOD_GT_1 23729 | 86.54 6.32 -15.75 | 87.49 5.32 -23.75 | 86.97 5.07 -25.62 | 85.95 5.27 -24.01 | 84.05 5.00 -22.91 | 78.93 5.15 -15.26 | 86.89 4.92 -27.91 | 86.70 5.36 -24.87 | 103.40 5.79 -37.90 | 127.31 7.12 -49.68 | 131.41 6.14 -62.67 | 134.75 6.51 -63.09 | 140.09 6.40 -66.28 | 143.47 5.86 -77.25 | 139.40 5.91 -71.87 | 137.87 7.32 -51.82 | 136.81 8.91 -12.15 | 178.04 11.71 -16.18 | 179.14 12.02 -16.81 | 161.78 11.76 -3.02 | 169.89 10.36 -31.62 | 163.70 9.17 -60.95 | 137.19 6.67 -63.20 | 133.93 6.11 -61.40 |
| RAVENSWOOD_GT_10 24258 | 86.15 5.93 -15.74 | 84.94 4.97 -21.55 | 84.35 4.73 -23.34 | 82.79 4.87 -21.25 | 81.08 4.66 -20.27 | 76.82 4.80 -13.50 | 83.89 4.60 -25.24 | 85.45 5.03 -23.95 | 103.44 5.43 -38.29 | 127.90 6.91 -50.48 | 132.10 6.07 -63.42 | 135.48 6.38 -63.95 | 141.05 6.34 -67.31 | 144.66 5.80 -78.50 | 140.54 5.85 -73.07 | 138.69 7.16 -52.80 | 136.58 8.91 -11.92 | 177.89 11.86 -15.88 | 178.98 12.17 -16.50 | 161.86 11.91 -2.96 | 169.44 10.49 -31.04 | 162.59 9.17 -59.85 | 136.12 6.60 -62.20 | 133.83 5.98 -61.43 |
| RAVENSWOOD_GT_11 24259 | 86.15 5.93 -15.74 | 84.94 4.97 -21.55 | 84.35 4.73 -23.34 | 82.79 4.87 -21.25 | 81.08 4.66 -20.27 | 76.82 4.80 -13.50 | 83.89 4.60 -25.24 | 85.45 5.03 -23.95 | 103.44 5.43 -38.29 | 127.90 6.91 -50.48 | 132.10 6.07 -63.42 | 135.48 6.38 -63.95 | 141.05 6.34 -67.31 | 144.66 5.80 -78.50 | 140.54 5.85 -73.07 | 138.69 7.16 -52.80 | 136.58 8.91 -11.92 | 177.89 11.86 -15.88 | 178.98 12.17 -16.50 | 161.86 11.91 -2.96 | 169.44 10.49 -31.04 | 162.59 9.17 -59.85 | 136.12 6.60 -62.20 | 133.83 5.98 -61.43 |
| RAVENSWOOD_GT_4 24252 | 86.08 5.87 -15.74 | 83.93 4.85 -20.66 | 83.36 4.67 -22.41 | 81.60 4.82 -20.12 | 79.94 4.60 -19.20 | 76.05 4.74 -12.79 | 82.75 4.54 -24.14 | 85.02 4.97 -23.58 | 103.09 5.37 -38.01 | 127.31 6.91 -49.89 | 131.55 6.07 -62.87 | 134.85 6.38 -63.32 | 140.30 6.34 -66.56 | 143.75 5.80 -77.59 | 139.60 5.79 -72.19 | 137.97 7.16 -52.08 | 136.74 8.91 -12.09 | 178.11 11.86 -16.10 | 179.20 12.17 -16.73 | 161.91 11.91 -3.00 | 169.86 10.49 -31.46 | 163.40 9.17 -60.66 | 136.92 6.67 -62.93 | 133.74 5.91 -61.41 |
| RAVENSWOOD_GT_5 24254 | 86.08 5.87 -15.74 | 83.93 4.85 -20.66 | 83.36 4.67 -22.41 | 81.60 4.82 -20.12 | 79.94 4.60 -19.20 | 76.05 4.74 -12.79 | 82.75 4.54 -24.14 | 85.02 4.97 -23.58 | 103.09 5.37 -38.01 | 127.31 6.91 -49.89 | 131.55 6.07 -62.87 | 134.85 6.38 -63.32 | 140.30 6.34 -66.56 | 143.75 5.80 -77.59 | 139.60 5.79 -72.19 | 137.97 7.16 -52.08 | 136.74 8.91 -12.09 | 178.11 11.86 -16.10 | 179.20 12.17 -16.73 | 161.91 11.91 -3.00 | 169.86 10.49 -31.46 | 163.40 9.17 -60.66 | 136.92 6.67 -62.93 | 133.74 5.91 -61.41 |
| RAVENSWOOD_GT_6 24253 | 86.08 5.87 -15.74 | 83.93 4.85 -20.66 | 83.36 4.67 -22.41 | 81.60 4.82 -20.12 | 79.94 4.60 -19.20 | 76.05 4.74 -12.79 | 82.75 4.54 -24.14 | 85.02 4.97 -23.58 | 103.09 5.37 -38.01 | 127.31 6.91 -49.89 | 131.55 6.07 -62.87 | 134.85 6.38 -63.32 | 140.30 6.34 -66.56 | 143.75 5.80 -77.59 | 139.60 5.79 -72.19 | 137.97 7.16 -52.08 | 136.74 8.91 -12.09 | 178.11 11.86 -16.10 | 179.20 12.17 -16.73 | 161.91 11.91 -3.00 | 169.86 10.49 -31.46 | 163.40 9.17 -60.66 | 136.92 6.67 -62.93 | 133.74 5.91 -61.41 |
| RAVENSWOOD_GT_7 24255 | 86.08 5.87 -15.74 | 83.93 4.85 -20.66 | 83.36 4.67 -22.41 | 81.60 4.82 -20.12 | 79.94 4.60 -19.20 | 76.05 4.74 -12.79 | 82.75 4.54 -24.14 | 85.02 4.97 -23.58 | 103.09 5.37 -38.01 | 127.31 6.91 -49.89 | 131.55 6.07 -62.87 | 134.85 6.38 -63.32 | 140.30 6.34 -66.56 | 143.75 5.80 -77.59 | 139.60 5.79 -72.19 | 137.97 7.16 -52.08 | 136.74 8.91 -12.09 | 178.11 11.86 -16.10 | 179.20 12.17 -16.73 | 161.91 11.91 -3.00 | 169.86 10.49 -31.46 | 163.40 9.17 -60.66 | 136.92 6.67 -62.93 | 133.74 5.91 -61.41 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 86.15 5.93 -15.74 | 84.94 4.97 -21.55 | 84.35 4.73 -23.34 | 82.79 4.87 -21.25 | 81.08 4.66 -20.27 | 76.82 4.80 -13.50 | 83.89 4.60 -25.24 | 85.45 5.03 -23.95 | 103.44 5.43 -38.29 | 127.90 6.91 -50.48 | 132.10 6.07 -63.42 | 135.48 6.38 -63.95 | 141.05 6.34 -67.31 | 144.66 5.80 -78.50 | 140.54 5.85 -73.07 | 138.69 7.16 -52.80 | 136.58 8.91 -11.92 | 177.89 11.86 -15.88 | 178.98 12.17 -16.50 | 161.86 11.91 -2.96 | 169.44 10.49 -31.04 | 162.59 9.17 -59.85 | 136.12 6.60 -62.20 | 133.83 5.98 -61.43 |
| RAVENSWOOD_GT_9 24257 | 86.15 5.93 -15.74 | 84.94 4.97 -21.55 | 84.35 4.73 -23.34 | 82.79 4.87 -21.25 | 81.08 4.66 -20.27 | 76.82 4.80 -13.50 | 83.89 4.60 -25.24 | 85.45 5.03 -23.95 | 103.44 5.43 -38.29 | 127.90 6.91 -50.48 | 132.10 6.07 -63.42 | 135.48 6.38 -63.95 | 141.05 6.34 -67.31 | 144.66 5.80 -78.50 | 140.54 5.85 -73.07 | 138.69 7.16 -52.80 | 136.58 8.91 -11.92 | 177.89 11.86 -15.88 | 178.98 12.17 -16.50 | 161.86 11.91 -2.96 | 169.44 10.49 -31.04 | 162.59 9.17 -59.85 | 136.12 6.60 -62.20 | 133.83 5.98 -61.43 |
| RAVENSWOOD___1 23533 | 86.54 6.32 -15.75 | 87.16 5.32 -23.42 | 86.62 5.07 -25.27 | 85.53 5.27 -23.59 | 83.65 5.00 -22.51 | 78.66 5.15 -14.99 | 86.49 4.92 -27.50 | 86.57 5.36 -24.73 | 103.85 5.79 -38.35 | 128.21 7.12 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.75 5.91 -73.22 | 138.97 7.32 -52.93 | 136.55 8.91 -11.89 | 177.70 11.71 -15.84 | 178.79 12.02 -16.46 | 161.56 11.61 -2.95 | 169.11 10.23 -30.96 | 162.36 9.08 -59.71 | 135.99 6.60 -62.07 | 133.96 6.11 -61.44 |

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| RAVENSWOOD___2 23534 | 86.54 6.32 -15.75 | 87.15 5.32 -23.41 | 86.61 5.07 -25.27 | 85.52 5.27 -23.58 | 83.64 5.00 -22.50 | 78.66 5.15 -14.99 | 86.47 4.92 -27.49 | 86.56 5.36 -24.72 | 103.85 5.79 -38.35 | 128.21 7.12 -50.58 | 132.32 6.20 -63.52 | 135.72 6.51 -64.06 | 141.32 6.47 -67.45 | 144.95 5.92 -78.66 | 140.82 5.98 -73.22 | 138.97 7.32 -52.93 | 136.55 8.91 -11.89 | 177.70 11.71 -15.84 | 178.79 12.02 -16.46 | 161.56 11.61 -2.95 | 169.11 10.23 -30.96 | 162.36 9.08 -59.71 | 135.99 6.60 -62.07 | 133.96 6.11 -61.44 |
| RAVENSWOOD___3 23535 | 86.14 5.93 -15.74 | 85.10 4.97 -21.71 | 84.51 4.73 -23.51 | 83.04 4.93 -21.45 | 81.32 4.72 -20.47 | 76.95 4.80 -13.63 | 84.14 4.65 -25.43 | 85.52 5.03 -24.02 | 103.55 5.49 -38.35 | 128.00 6.91 -50.58 | 132.19 6.07 -63.52 | 135.59 6.38 -64.06 | 141.19 6.34 -67.45 | 144.82 5.80 -78.66 | 140.69 5.85 -73.22 | 138.82 7.16 -52.93 | 136.55 8.91 -11.89 | 177.85 11.86 -15.84 | 178.94 12.17 -16.46 | 161.85 11.91 -2.95 | 169.36 10.49 -30.96 | 162.45 9.17 -59.71 | 135.99 6.60 -62.07 | 133.83 5.98 -61.44 |
| RAVENSWOOD___4 23820 | 86.54 6.32 -15.75 | 86.82 5.32 -23.08 | 86.27 5.07 -24.92 | 85.10 5.27 -23.17 | 83.25 5.00 -22.11 | 78.39 5.15 -14.72 | 86.08 4.92 -27.09 | 86.42 5.36 -24.59 | 104.29 5.79 -38.79 | 129.10 7.12 -51.48 | 133.16 6.20 -64.36 | 136.68 6.51 -65.02 | 142.47 6.47 -68.60 | 146.34 5.92 -80.05 | 142.15 5.98 -74.56 | 140.07 7.32 -54.02 | 136.18 8.80 -11.64 | 177.37 11.71 -15.50 | 178.29 11.87 -16.11 | 161.48 11.61 -2.88 | 168.46 10.23 -30.32 | 161.13 9.08 -58.48 | 134.88 6.60 -60.96 | 134.00 6.11 -61.47 |
| RCPI_TRUST___DRP 24196 | 86.21 6.00 -15.74 | 88.09 4.97 -24.70 | 87.67 4.78 -26.61 | 86.80 4.93 -25.21 | 84.91 4.72 -24.05 | 79.40 4.86 -16.03 | 87.78 4.65 -29.07 | 86.82 5.08 -25.27 | 107.32 5.49 -42.11 | 135.76 7.05 -58.20 | 139.48 6.20 -70.68 | 143.90 6.51 -72.24 | 151.15 6.47 -77.27 | 156.83 5.92 -90.55 | 152.23 5.98 -84.64 | 148.31 7.32 -62.26 | 138.97 9.14 -14.09 | 181.04 12.16 -18.73 | 182.22 12.47 -19.45 | 162.77 12.20 -3.57 | 175.15 10.74 -36.49 | 173.17 9.36 -70.24 | 145.66 6.73 -71.60 | 144.68 6.04 -72.22 |
| RENSSELAER___COGEN 23796 | 89.21 4.84 -19.90 | 68.92 4.56 -5.94 | 68.00 4.33 -7.39 | 61.26 4.53 -0.06 | 60.58 4.38 -0.06 | 63.03 4.51 0.00 | 64.38 4.22 -6.10 | 82.20 4.35 -21.38 | 85.67 4.60 -21.36 | 85.34 5.57 -9.26 | 96.11 4.76 -28.75 | 92.21 4.95 -22.11 | 86.87 4.92 -14.54 | 78.78 4.53 -13.88 | 76.71 4.68 -10.41 | 84.47 5.75 0.00 | 121.88 6.13 0.00 | 158.11 7.96 0.00 | 158.12 7.82 0.00 | 154.64 7.64 0.00 | 134.69 6.78 0.00 | 100.31 6.74 0.00 | 82.45 5.25 -9.87 | 71.46 4.98 -0.06 |
| REVERE_CPPR_DRP 24186 | 65.35 0.45 -0.43 | 58.96 0.41 -0.13 | 56.83 0.39 -0.16 | 57.23 0.57 0.00 | 56.37 0.22 0.00 | 58.99 0.47 0.00 | 54.63 0.43 -0.13 | 57.61 0.68 -0.46 | 61.07 0.90 -0.46 | 71.98 1.27 -0.20 | 64.41 1.19 -0.62 | 66.99 1.37 -0.48 | 68.86 1.15 -0.31 | 61.69 1.03 -0.30 | 62.95 1.11 -0.22 | 79.67 0.94 0.00 | 117.25 1.50 0.00 | 152.70 2.55 0.00 | 152.86 2.56 0.00 | 149.35 2.35 0.00 | 129.70 1.79 0.00 | 94.79 1.22 0.00 | 68.48 0.94 -0.21 | 66.88 0.46 0.00 |
| ROCHESTER_9_IC 23652 | 56.88 -6.77 0.82 | 54.06 -5.02 -0.66 | 52.15 -4.95 -0.82 | 53.27 -3.40 -0.01 | 50.37 -5.78 -0.01 | 53.55 -4.97 0.00 | 41.91 -5.41 6.75 | 47.86 -5.70 2.91 | 53.68 -5.14 0.90 | 56.26 -5.99 8.25 | 56.07 -5.32 1.21 | 58.74 -5.47 0.93 | 59.24 -7.55 0.61 | 54.29 -5.49 0.59 | 54.41 -5.67 1.54 | 55.05 -7.87 15.80 | 60.57 -10.19 44.99 | 91.56 -12.46 46.13 | 97.21 -12.32 40.76 | 88.67 -12.49 45.83 | 76.52 -11.00 40.40 | 65.68 -9.64 18.26 | 60.58 -6.33 0.42 | 59.85 -6.58 -0.01 |
| ROSETON___1 23587 | 84.98 4.84 -15.67 | 68.45 4.15 -5.87 | 67.28 3.94 -7.06 | 62.34 4.14 -1.54 | 61.54 3.93 -1.47 | 63.45 3.98 -0.95 | 64.06 3.84 -6.16 | 77.95 4.18 -17.30 | 82.56 4.54 -18.31 | 86.49 5.78 -10.20 | 93.15 5.07 -25.47 | 91.14 5.34 -20.65 | 88.01 5.26 -15.34 | 80.84 4.83 -15.64 | 79.19 4.87 -12.71 | 88.20 5.98 -3.49 | 123.07 7.06 -0.26 | 160.13 9.46 -0.53 | 160.56 9.62 -0.64 | 156.04 9.41 0.37 | 137.88 8.31 -1.65 | 105.08 7.58 -3.93 | 84.40 5.52 -11.55 | 75.65 4.91 -4.32 |
| ROSETON___2 23588 | 84.98 4.84 -15.67 | 68.45 4.15 -5.87 | 67.28 3.94 -7.06 | 62.34 4.14 -1.54 | 61.54 3.93 -1.47 | 63.45 3.98 -0.95 | 64.06 3.84 -6.16 | 77.95 4.18 -17.30 | 82.56 4.54 -18.31 | 86.49 5.78 -10.20 | 93.15 5.07 -25.47 | 91.14 5.34 -20.65 | 88.01 5.26 -15.34 | 80.84 4.83 -15.64 | 79.19 4.87 -12.71 | 88.20 5.98 -3.49 | 123.07 7.06 -0.26 | 160.13 9.46 -0.53 | 160.56 9.62 -0.64 | 156.04 9.41 0.37 | 137.88 8.31 -1.65 | 105.08 7.58 -3.93 | 84.40 5.52 -11.55 | 75.65 4.91 -4.32 |
| RUSSELL___1 23602 | 53.82 -9.80 0.86 | 52.47 -6.60 -0.65 | 50.62 -6.47 -0.81 | 51.52 -5.16 -0.01 | 47.61 -8.53 -0.01 | 50.68 -7.84 0.00 | 39.97 -7.30 6.79 | 45.44 -8.08 2.96 | 52.56 -6.21 0.94 | 55.01 -7.19 8.31 | 54.90 -6.45 1.26 | 57.60 -6.58 0.97 | 58.27 -8.49 0.64 | 53.24 -6.52 0.61 | 53.34 -6.72 1.56 | 53.71 -9.13 15.89 | 58.47 -12.04 45.24 | 89.20 -14.56 46.38 | 94.73 -14.58 40.99 | 86.36 -14.55 46.08 | 74.50 -12.79 40.62 | 64.17 -11.04 18.36 | 59.28 -7.61 0.44 | 58.39 -8.04 -0.01 |
| RUSSELL___2 23532 | 53.82 -9.80 0.86 | 52.47 -6.60 -0.65 | 50.62 -6.47 -0.81 | 51.52 -5.16 -0.01 | 47.61 -8.53 -0.01 | 50.68 -7.84 0.00 | 39.97 -7.30 6.79 | 45.44 -8.08 2.96 | 52.56 -6.21 0.94 | 55.01 -7.19 8.31 | 54.90 -6.45 1.26 | 57.60 -6.58 0.97 | 58.27 -8.49 0.64 | 53.24 -6.52 0.61 | 53.34 -6.72 1.56 | 53.71 -9.13 15.89 | 58.47 -12.04 45.24 | 89.20 -14.56 46.38 | 94.73 -14.58 40.99 | 86.36 -14.55 46.08 | 74.50 -12.79 40.62 | 64.17 -11.04 18.36 | 59.28 -7.61 0.44 | 58.39 -8.04 -0.01 |
| RUSSELL___3 23549 | 55.66 -7.99 0.82 | 53.30 -5.78 -0.66 | 51.41 -5.68 -0.82 | 52.48 -4.19 -0.01 | 49.30 -6.85 -0.01 | 52.43 -6.09 0.00 | 41.26 -6.05 6.75 | 46.90 -6.66 2.91 | 53.08 -5.73 0.90 | 55.63 -6.63 8.25 | 55.45 -5.95 1.21 | 58.09 -6.12 0.93 | 58.70 -8.09 0.62 | 53.68 -6.10 0.59 | 53.79 -6.28 1.54 | 54.35 -8.58 15.80 | 59.41 -11.34 44.99 | 90.21 -13.81 46.13 | 95.71 -13.83 40.76 | 87.35 -13.82 45.83 | 75.36 -12.15 40.40 | 64.83 -10.48 18.26 | 59.84 -7.07 0.42 | 59.12 -7.31 -0.01 |
| RUSSELL___4 23556 | 53.82 -9.80 0.86 | 52.53 -6.54 -0.65 | 50.62 -6.47 -0.81 | 51.57 -5.10 -0.01 | 47.67 -8.48 -0.01 | 50.68 -7.84 0.00 | 39.97 -7.30 6.79 | 45.44 -8.08 2.96 | 52.56 -6.21 0.94 | 55.01 -7.19 8.31 | 54.90 -6.45 1.26 | 57.60 -6.58 0.97 | 58.27 -8.49 0.64 | 53.24 -6.52 0.61 | 53.34 -6.72 1.56 | 53.71 -9.13 15.89 | 58.47 -12.04 45.23 | 89.20 -14.56 46.38 | 94.88 -14.43 40.99 | 86.51 -14.41 46.08 | 74.50 -12.79 40.62 | 64.17 -11.04 18.36 | 59.28 -7.61 0.44 | 58.39 -8.04 -0.01 |
| RUSSELL___STATION 23914 | 55.66 -7.99 0.82 | 53.30 -5.78 -0.66 | 51.41 -5.68 -0.82 | 52.48 -4.19 -0.01 | 49.30 -6.85 -0.01 | 52.43 -6.09 0.00 | 41.26 -6.05 6.75 | 46.90 -6.66 2.91 | 53.08 -5.73 0.90 | 55.63 -6.63 8.25 | 55.45 -5.95 1.21 | 58.09 -6.12 0.93 | 58.70 -8.09 0.62 | 53.68 -6.10 0.59 | 53.79 -6.28 1.54 | 54.35 -8.58 15.80 | 59.41 -11.34 44.99 | 90.21 -13.81 46.13 | 95.71 -13.83 40.76 | 87.35 -13.82 45.83 | 75.36 -12.15 40.40 | 64.83 -10.48 18.26 | 59.84 -7.07 0.42 | 59.12 -7.31 -0.01 |
| S SALMON___HYD 24043 | 64.11 -1.68 -1.32 | 57.35 -1.46 -0.38 | 55.40 -1.35 -0.48 | 55.54 -1.13 0.00 | 54.57 -1.57 0.00 | 57.17 -1.35 0.00 | 53.19 -1.35 -0.48 | 56.67 -1.24 -1.44 | 59.87 -1.25 -1.41 | 69.73 -1.48 -0.71 | 63.19 -1.31 -1.90 | 65.37 -1.24 -1.46 | 66.55 -1.82 -0.96 | 59.90 -1.39 -0.92 | 60.96 -1.36 -0.70 | 76.24 -2.68 -0.19 | 112.00 -4.28 -0.54 | 145.44 -5.26 -0.55 | 145.68 -5.11 -0.49 | 142.40 -5.14 -0.55 | 123.66 -4.73 -0.48 | 90.51 -3.28 -0.22 | 66.43 -1.55 -0.65 | 64.43 -1.99 0.00 |
| SELKIRK___II 23799 | 87.78 3.48 -19.83 | 67.56 3.21 -5.92 | 66.79 3.15 -7.36 | 60.01 3.29 -0.06 | 59.34 3.14 -0.06 | 61.74 3.22 0.00 | 63.11 2.97 -6.08 | 80.88 3.11 -21.30 | 84.27 3.28 -21.28 | 83.47 3.74 -9.23 | 94.31 3.07 -28.64 | 90.37 3.19 -22.03 | 85.06 3.17 -14.49 | 77.16 2.96 -13.83 | 75.00 3.02 -10.37 | 82.42 3.70 0.00 | 119.22 3.47 0.00 | 154.50 4.35 0.00 | 154.66 4.36 0.00 | 151.26 4.26 0.00 | 131.88 3.97 0.00 | 97.97 4.40 0.00 | 80.73 3.57 -9.83 | 70.06 3.59 -0.06 |

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| SELKIRK__J 23801 | 87.87 3.61 -19.79 | 67.72 3.39 -5.91 | 66.89 3.26 -7.35 | 60.12 3.40 -0.06 | 59.46 3.26 -0.06 | 61.86 3.34 0.00 | 63.21 3.08 -6.06 | 80.89 3.16 -21.26 | 84.29 3.34 -21.24 | 83.38 3.67 -9.21 | 94.32 3.13 -28.58 | 90.39 3.26 -21.98 | 85.10 3.24 -14.46 | 77.19 3.02 -13.80 | 75.04 3.08 -10.35 | 82.50 3.78 0.00 | 119.45 3.70 0.00 | 154.80 4.65 0.00 | 154.96 4.66 0.00 | 151.55 4.56 0.00 | 132.13 4.22 0.00 | 98.06 4.49 0.00 | 80.91 3.77 -9.81 | 70.13 3.65 -0.06 |
| SENECA OSWGO__HYD 24041 | 63.87 -2.13 -1.53 | 57.06 -1.81 -0.44 | 55.03 -1.80 -0.55 | 55.37 -1.30 0.00 | 54.29 -1.85 0.00 | 56.88 -1.64 0.00 | 52.94 -1.68 -0.55 | 56.50 -1.64 -1.67 | 59.62 -1.73 -1.64 | 69.14 -2.19 -0.81 | 62.80 -2.00 -2.20 | 64.82 -2.02 -1.70 | 65.89 -2.63 -1.12 | 59.44 -1.99 -1.06 | 60.39 -2.03 -0.81 | 75.71 -3.23 -0.21 | 111.48 -4.86 -0.60 | 144.61 -6.16 -0.61 | 144.83 -6.01 -0.54 | 141.58 -6.03 -0.61 | 123.21 -5.24 -0.54 | 89.88 -3.93 -0.24 | 65.86 -2.22 -0.76 | 64.10 -2.32 0.00 |
| SENECA__ENERGY 23797 | 63.25 -3.55 -2.32 | 56.23 -2.86 -0.67 | 54.30 -2.81 -0.84 | 54.75 -1.93 -0.01 | 53.12 -3.03 -0.01 | 56.00 -2.52 0.00 | 52.22 -2.70 -0.86 | 56.36 -2.65 -2.54 | 59.63 -2.57 -2.49 | 68.88 -2.89 -1.26 | 63.33 -2.63 -3.35 | 65.05 -2.67 -2.58 | 65.26 -3.84 -1.70 | 59.21 -2.78 -1.62 | 60.02 -2.83 -1.24 | 74.84 -4.25 -0.37 | 110.88 -5.90 -1.04 | 144.16 -7.06 -1.07 | 144.48 -6.76 -0.95 | 141.15 -6.91 -1.06 | 122.58 -6.27 -0.94 | 88.85 -5.15 -0.42 | 65.25 -3.23 -1.15 | 62.97 -3.45 -0.01 |
| SHOEMAKER__GT 23640 | 83.02 4.13 -14.42 | 63.73 3.51 -1.80 | 62.41 3.38 -2.75 | 57.05 3.51 3.13 | 56.47 3.31 2.99 | 59.89 3.39 2.02 | 58.62 3.30 -1.26 | 74.49 3.61 -14.41 | 75.95 3.94 -12.30 | 75.82 5.15 -0.16 | 81.89 4.51 -14.78 | 79.02 4.76 -9.11 | 74.29 4.65 -2.24 | 64.67 4.29 -0.02 | 63.81 4.31 2.12 | 75.89 5.27 8.11 | 119.51 6.25 2.49 | 155.47 8.41 3.09 | 155.92 8.72 3.10 | 154.20 8.38 1.17 | 130.09 7.42 5.24 | 91.16 6.74 9.15 | 71.27 4.85 0.90 | 61.60 4.25 9.07 |
| SHOREHAM_IC_1 23715 | 87.76 7.54 -15.74 | 92.94 6.72 -27.80 | 82.48 6.13 -20.06 | 80.23 6.29 -17.27 | 78.91 6.29 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.30 5.20 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.45 6.25 -9.45 | 169.08 6.31 -12.63 | 169.00 5.56 -13.14 | 155.13 5.88 -2.25 | 159.89 7.16 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 119.99 4.12 -49.45 |
| SHOREHAM_IC_2 23716 | 87.76 7.54 -15.74 | 92.94 6.72 -27.80 | 82.48 6.13 -20.06 | 80.23 6.29 -17.27 | 78.91 6.29 -16.48 | 74.41 4.92 -10.97 | 80.27 4.81 -21.39 | 84.30 5.20 -22.63 | 99.96 6.09 -34.16 | 119.54 6.91 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.45 6.25 -9.45 | 169.08 6.31 -12.63 | 169.00 5.56 -13.14 | 155.13 5.88 -2.25 | 159.89 7.16 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 119.99 4.12 -49.45 |
| SISSONVILLE____ 23735 | 64.28 -0.19 0.00 | 57.90 -0.53 0.00 | 55.72 -0.56 0.00 | 55.02 -1.64 0.00 | 55.36 -0.79 0.00 | 57.35 -1.17 0.00 | 53.14 -0.92 0.00 | 55.46 -1.02 0.00 | 58.99 -0.72 0.00 | 69.66 -0.85 0.00 | 62.16 -0.44 0.00 | 64.69 -0.46 0.00 | 67.94 0.54 0.00 | 60.19 -0.18 0.00 | 61.18 -0.43 0.00 | 76.99 -1.73 0.00 | 113.20 -2.55 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.32 -3.67 0.00 | 124.46 -3.45 0.00 | 91.42 -2.15 0.00 | 66.72 -0.61 0.00 | 66.02 -0.40 0.00 |
| SITHE_IND_GS1 24169 | 62.87 -2.90 -1.29 | 56.29 -2.51 -0.37 | 54.33 -2.42 -0.47 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.17 -2.38 -0.48 | 55.46 -2.43 -1.42 | 58.47 -2.63 -1.39 | 67.83 -3.38 -0.71 | 61.34 -3.13 -1.87 | 63.39 -3.19 -1.44 | 64.58 -3.77 -0.95 | 58.19 -3.08 -0.90 | 59.16 -3.14 -0.69 | 74.61 -4.33 -0.21 | 109.98 -6.37 -0.61 | 142.66 -8.11 -0.62 | 142.88 -7.97 -0.55 | 139.68 -7.94 -0.62 | 121.55 -6.91 -0.54 | 88.58 -5.24 -0.25 | 64.67 -3.30 -0.64 | 63.43 -2.99 0.00 |
| SITHE_IND_GS2 24170 | 62.87 -2.90 -1.29 | 56.29 -2.51 -0.37 | 54.33 -2.42 -0.47 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.17 -2.38 -0.48 | 55.46 -2.43 -1.42 | 58.47 -2.63 -1.39 | 67.83 -3.38 -0.71 | 61.34 -3.13 -1.87 | 63.39 -3.19 -1.44 | 64.58 -3.77 -0.95 | 58.19 -3.08 -0.90 | 59.16 -3.14 -0.69 | 74.61 -4.33 -0.21 | 109.98 -6.37 -0.61 | 142.66 -8.11 -0.62 | 142.88 -7.97 -0.55 | 139.68 -7.94 -0.62 | 121.55 -6.91 -0.54 | 88.58 -5.24 -0.25 | 64.67 -3.30 -0.64 | 63.43 -2.99 0.00 |
| SITHE_IND_GS3 24171 | 62.87 -2.90 -1.29 | 56.29 -2.51 -0.37 | 54.33 -2.42 -0.47 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.17 -2.38 -0.48 | 55.46 -2.43 -1.42 | 58.47 -2.63 -1.39 | 67.83 -3.38 -0.71 | 61.34 -3.13 -1.87 | 63.39 -3.19 -1.44 | 64.58 -3.77 -0.95 | 58.19 -3.08 -0.90 | 59.16 -3.14 -0.69 | 74.61 -4.33 -0.21 | 109.98 -6.37 -0.61 | 142.66 -8.11 -0.62 | 142.88 -7.97 -0.55 | 139.68 -7.94 -0.62 | 121.55 -6.91 -0.54 | 88.58 -5.24 -0.25 | 64.67 -3.30 -0.64 | 63.43 -2.99 0.00 |
| SITHE_IND_GS4 24172 | 62.87 -2.90 -1.29 | 56.29 -2.51 -0.37 | 54.33 -2.42 -0.47 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.17 -2.38 -0.48 | 55.46 -2.43 -1.42 | 58.47 -2.63 -1.39 | 67.83 -3.38 -0.71 | 61.34 -3.13 -1.87 | 63.39 -3.19 -1.44 | 64.58 -3.77 -0.95 | 58.19 -3.08 -0.90 | 59.16 -3.14 -0.69 | 74.61 -4.33 -0.21 | 109.98 -6.37 -0.61 | 142.66 -8.11 -0.62 | 142.88 -7.97 -0.55 | 139.68 -7.94 -0.62 | 121.55 -6.91 -0.54 | 88.58 -5.24 -0.25 | 64.67 -3.30 -0.64 | 63.43 -2.99 0.00 |
| SITHE__BATAVIA 24024 | 56.31 -7.80 0.36 | 52.97 -6.19 -0.74 | 51.12 -6.08 -0.92 | 52.82 -3.85 -0.01 | 49.58 -6.57 -0.01 | 53.14 -5.38 0.00 | 41.35 -6.49 6.23 | 47.51 -6.66 2.30 | 52.56 -6.75 0.41 | 55.11 -7.83 7.57 | 55.05 -7.01 0.54 | 57.50 -7.23 0.42 | 56.88 -10.25 0.28 | 52.86 -7.24 0.27 | 52.93 -7.46 1.23 | 53.46 -10.39 14.87 | 59.97 -13.43 42.35 | 89.91 -16.82 43.42 | 95.10 -16.83 38.37 | 87.10 -16.76 43.14 | 75.18 -14.71 38.03 | 63.38 -13.01 17.19 | 58.85 -8.28 0.19 | 57.92 -8.50 -0.01 |
| SITHE__INDEPEND 23800 | 62.87 -2.90 -1.29 | 56.29 -2.51 -0.37 | 54.33 -2.42 -0.47 | 54.63 -2.04 0.00 | 53.62 -2.53 0.00 | 56.18 -2.34 0.00 | 52.17 -2.38 -0.48 | 55.46 -2.43 -1.42 | 58.47 -2.63 -1.39 | 67.83 -3.38 -0.71 | 61.34 -3.13 -1.87 | 63.39 -3.19 -1.44 | 64.58 -3.77 -0.95 | 58.19 -3.08 -0.90 | 59.16 -3.14 -0.69 | 74.61 -4.33 -0.21 | 109.98 -6.37 -0.61 | 142.66 -8.11 -0.62 | 142.88 -7.97 -0.55 | 139.68 -7.94 -0.62 | 121.55 -6.91 -0.54 | 88.58 -5.24 -0.25 | 64.67 -3.30 -0.64 | 63.43 -2.99 0.00 |
| SITHE__MASSENA 23902 | 64.02 -0.45 0.00 | 57.78 -0.64 0.00 | 55.61 -0.68 0.00 | 54.91 -1.76 0.00 | 55.30 -0.84 0.00 | 57.23 -1.29 0.00 | 52.98 -1.08 0.00 | 55.23 -1.24 0.00 | 58.70 -1.02 0.00 | 69.17 -1.34 0.00 | 61.73 -0.88 0.00 | 64.17 -0.98 0.00 | 67.41 0.00 0.00 | 59.82 -0.54 0.00 | 60.75 -0.86 0.00 | 77.78 -0.94 0.00 | 115.63 -0.12 0.00 | 149.70 -0.45 0.00 | 149.70 -0.60 0.00 | 146.41 -0.59 0.00 | 127.27 -0.64 0.00 | 92.36 -1.22 0.00 | 66.25 -1.08 0.00 | 65.95 -0.46 0.00 |
| SITHE__OGDNSBRG 24021 | 64.60 0.13 0.00 | 58.19 -0.23 0.00 | 56.00 -0.28 0.00 | 55.14 -1.53 0.00 | 55.64 -0.51 0.00 | 57.52 -0.99 0.00 | 53.36 -0.70 0.00 | 55.68 -0.79 0.00 | 59.41 -0.30 0.00 | 70.15 -0.35 0.00 | 62.67 0.06 0.00 | 65.21 0.07 0.00 | 68.62 1.21 0.00 | 60.73 0.36 0.00 | 61.68 0.06 0.00 | 78.65 -0.08 0.00 | 116.90 1.16 0.00 | 151.50 1.35 0.00 | 151.35 1.05 0.00 | 148.17 1.18 0.00 | 128.55 0.64 0.00 | 93.38 -0.19 0.00 | 66.92 -0.40 0.00 | 66.48 0.07 0.00 |
| SITHE__STERLING 23777 | 65.05 0.00 -0.57 | 58.65 0.06 -0.17 | 56.55 0.06 -0.21 | 57.01 0.34 0.00 | 56.09 -0.06 0.00 | 58.70 0.18 0.00 | 54.40 0.16 -0.18 | 57.37 0.28 -0.61 | 60.74 0.42 -0.61 | 71.48 0.71 -0.27 | 64.05 0.63 -0.83 | 66.56 0.78 -0.64 | 68.16 0.34 -0.42 | 61.25 0.48 -0.40 | 62.47 0.55 -0.30 | 79.04 0.31 0.00 | 116.21 0.46 0.00 | 151.20 1.05 0.00 | 151.50 1.20 0.00 | 148.03 1.03 0.00 | 128.68 0.77 0.00 | 93.95 0.37 0.00 | 68.01 0.40 -0.28 | 66.49 0.07 0.00 |

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| SOUTH CAIRO___GT 23612 | 88.08 6.00 -17.61 | 69.45 5.38 -5.65 | 68.29 5.07 -6.95 | 62.47 5.27 -0.53 | 61.70 5.05 -0.51 | 64.09 5.27 -0.31 | 64.87 5.03 -5.78 | 80.89 5.36 -19.05 | 84.88 5.79 -19.38 | 87.05 7.47 -9.07 | 95.34 6.39 -26.35 | 92.47 6.71 -20.61 | 88.20 6.67 -14.12 | 80.38 6.22 -13.80 | 78.61 6.35 -10.65 | 87.59 7.87 -1.00 | 125.31 9.84 0.27 | 162.87 12.91 0.19 | 163.26 13.08 0.12 | 159.16 12.64 0.48 | 139.38 11.26 -0.21 | 104.23 9.54 -1.12 | 84.07 6.80 -9.95 | 74.09 6.24 -1.42 |
| SOUTH HAMPTN___IC 23720 | 88.66 8.45 -15.74 | 93.64 7.42 -27.80 | 83.15 6.81 -20.06 | 80.91 6.97 -17.27 | 79.64 7.02 -16.48 | 75.17 5.68 -10.97 | 81.02 5.57 -21.39 | 85.31 6.21 -22.63 | 101.04 7.17 -34.16 | 120.95 8.32 -42.12 | 124.61 6.45 -55.56 | 126.51 6.38 -54.97 | 130.07 6.13 -56.53 | 131.50 5.67 -65.45 | 127.76 5.61 -60.54 | 128.13 6.85 -42.56 | 133.65 8.45 -9.45 | 174.64 11.86 -12.63 | 174.56 11.12 -13.14 | 160.42 11.17 -2.25 | 162.45 9.72 -24.81 | 150.37 8.80 -48.01 | 125.13 6.33 -51.48 | 120.99 5.11 -49.45 |
| SOUTHOLD___IC 23719 | 90.66 10.44 -15.74 | 95.34 9.11 -27.80 | 84.79 8.44 -20.06 | 82.61 8.67 -17.27 | 81.32 8.70 -16.48 | 76.92 7.43 -10.97 | 82.59 7.14 -21.39 | 87.23 8.13 -22.63 | 103.25 9.37 -34.16 | 123.63 11.00 -42.12 | 126.93 8.76 -55.56 | 128.85 8.73 -54.97 | 132.43 8.49 -56.53 | 133.67 7.85 -65.45 | 129.92 7.76 -60.54 | 130.89 9.60 -42.56 | 138.04 12.85 -9.45 | 180.95 18.17 -12.63 | 181.33 17.89 -13.14 | 166.89 17.64 -2.25 | 167.82 15.09 -24.81 | 153.93 12.35 -48.01 | 127.49 8.69 -51.48 | 123.05 7.17 -49.45 |
| ST LAWRENCE___ 23600 | 63.51 -0.97 0.00 | 57.37 -1.05 0.00 | 55.27 -1.01 0.00 | 54.63 -2.04 0.00 | 55.02 -1.12 0.00 | 56.82 -1.70 0.00 | 52.55 -1.51 0.00 | 54.78 -1.69 0.00 | 58.16 -1.55 0.00 | 68.53 -1.97 0.00 | 61.16 -1.44 0.00 | 63.52 -1.63 0.00 | 66.80 -0.61 0.00 | 59.28 -1.09 0.00 | 60.20 -1.42 0.00 | 77.23 -1.50 0.00 | 115.05 -0.69 0.00 | 148.80 -1.35 0.00 | 148.80 -1.50 0.00 | 145.67 -1.32 0.00 | 126.63 -1.28 0.00 | 91.70 -1.87 0.00 | 65.64 -1.68 0.00 | 65.42 -1.00 0.00 |
| STATION 5_MISC_HYD 23604 | 55.03 -8.57 0.87 | 54.40 -4.67 -0.65 | 52.42 -4.67 -0.81 | 53.39 -3.29 -0.01 | 48.63 -7.52 -0.01 | 51.79 -6.73 0.00 | 40.87 -6.38 6.81 | 46.67 -6.83 2.97 | 54.88 -3.88 0.95 | 57.81 -4.37 8.33 | 57.39 -3.94 1.27 | 60.13 -4.04 0.98 | 60.89 -5.86 0.65 | 55.58 -4.17 0.62 | 55.79 -4.25 1.57 | 56.91 -5.90 15.91 | 63.37 -7.06 45.31 | 96.64 -7.06 46.46 | 102.18 -7.06 41.06 | 93.64 -7.20 46.16 | 80.58 -6.65 40.69 | 68.35 -6.83 18.39 | 61.90 -4.98 0.44 | 60.85 -5.58 -0.01 |
| STEEL___WIND 323596 | 57.24 -7.54 -0.31 | 52.74 -6.54 -0.86 | 50.93 -6.42 -1.07 | 52.59 -4.08 -0.01 | 49.86 -6.29 -0.01 | 53.43 -5.09 0.00 | 42.28 -6.38 5.41 | 48.71 -6.38 1.38 | 52.68 -7.34 -0.32 | 55.46 -8.53 6.52 | 55.39 -7.64 -0.43 | 57.59 -7.88 -0.33 | 56.63 -10.99 -0.21 | 52.66 -7.91 -0.20 | 52.70 -8.13 0.78 | 54.01 -11.34 13.38 | 62.72 -14.93 38.09 | 92.18 -18.92 39.06 | 97.00 -18.79 34.51 | 89.67 -18.52 38.80 | 77.47 -16.25 34.20 | 64.17 -13.94 15.46 | 58.78 -8.69 -0.14 | 57.46 -8.97 -0.01 |
| STURGEON_POOL_HYD 23609 | 86.17 5.54 -16.16 | 67.93 4.67 -4.84 | 66.74 4.45 -6.01 | 61.30 4.59 -0.05 | 60.57 4.38 -0.05 | 63.03 4.51 0.00 | 63.31 4.38 -4.87 | 78.66 4.86 -17.33 | 82.30 5.25 -17.34 | 84.97 7.05 -7.41 | 92.01 6.07 -23.34 | 89.55 6.45 -17.95 | 85.54 6.34 -11.80 | 77.55 5.92 -11.27 | 75.96 5.91 -8.43 | 85.84 7.32 0.21 | 124.53 9.38 0.59 | 161.71 12.16 0.61 | 162.24 12.47 0.54 | 158.60 12.20 0.60 | 138.13 10.74 0.53 | 102.50 9.17 0.24 | 81.80 6.46 -8.01 | 72.24 5.78 -0.05 |
| SYRACUSE___ENERGY_ST1 323597 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -4.28 -0.73 | 145.19 -5.71 -0.75 | 145.40 -5.56 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| SYRACUSE___ENERGY_ST2 323598 | 64.39 -1.93 -1.85 | 57.38 -1.58 -0.54 | 55.37 -1.58 -0.67 | 55.60 -1.08 -0.01 | 54.46 -1.68 -0.01 | 57.17 -1.35 0.00 | 53.27 -1.46 -0.67 | 57.08 -1.41 -2.02 | 60.20 -1.49 -1.99 | 69.73 -1.76 -0.99 | 63.58 -1.69 -2.67 | 65.51 -1.69 -2.06 | 66.47 -2.29 -1.35 | 59.91 -1.75 -1.29 | 60.87 -1.73 -0.99 | 76.38 -2.60 -0.26 | 112.19 -4.28 -0.73 | 145.19 -5.71 -0.75 | 145.40 -5.56 -0.66 | 142.01 -5.73 -0.74 | 123.58 -4.99 -0.65 | 90.40 -3.46 -0.30 | 66.43 -1.82 -0.92 | 64.56 -1.86 -0.01 |
| SYRACUSE___POWER 24017 | 64.44 -1.81 -1.77 | 57.48 -1.46 -0.52 | 55.46 -1.46 -0.65 | 55.71 -0.96 -0.01 | 54.63 -1.52 -0.01 | 57.29 -1.23 0.00 | 53.38 -1.30 -0.62 | 57.10 -1.30 -1.93 | 60.30 -1.31 -1.90 | 69.80 -1.62 -0.91 | 63.66 -1.50 -2.56 | 65.62 -1.50 -1.97 | 66.54 -2.16 -1.30 | 60.03 -1.57 -1.24 | 60.95 -1.60 -0.94 | 76.46 -2.44 -0.18 | 112.54 -3.70 -0.50 | 146.16 -4.50 -0.52 | 146.55 -4.21 -0.46 | 143.10 -4.41 -0.51 | 124.40 -3.97 -0.45 | 90.78 -2.99 -0.20 | 66.52 -1.68 -0.88 | 64.63 -1.79 -0.01 |
| Stony___Brook 24151 | 87.82 7.61 -15.74 | 92.83 6.60 -27.80 | 82.37 6.02 -20.06 | 80.11 6.18 -17.27 | 78.80 6.18 -16.48 | 74.46 4.97 -10.97 | 80.37 4.92 -21.39 | 84.63 5.53 -22.63 | 100.20 6.33 -34.16 | 119.61 6.98 -42.12 | 123.36 5.20 -55.56 | 125.27 5.15 -54.97 | 128.92 4.99 -56.53 | 130.47 4.65 -65.45 | 126.65 4.50 -60.54 | 126.71 5.43 -42.56 | 131.33 6.13 -9.45 | 171.64 8.86 -12.63 | 171.26 7.82 -13.14 | 157.48 8.23 -2.25 | 159.76 7.04 -24.81 | 148.50 6.92 -48.01 | 123.92 5.12 -51.48 | 120.12 4.25 -49.45 |
| UNION___PROCESSING_DRP 323587 | 56.58 -7.09 0.80 | 53.59 -5.49 -0.66 | 51.76 -5.35 -0.82 | 52.82 -3.85 -0.01 | 50.09 -6.06 -0.01 | 53.25 -5.27 0.00 | 41.60 -5.73 6.73 | 47.60 -5.99 2.89 | 53.10 -5.73 0.88 | 55.58 -6.70 8.23 | 55.41 -6.01 1.18 | 58.05 -6.19 0.91 | 58.51 -8.29 0.60 | 53.69 -6.10 0.58 | 53.74 -6.35 1.53 | 54.29 -8.66 15.78 | 59.24 -11.57 44.93 | 89.67 -14.41 46.07 | 95.16 -14.43 40.71 | 86.82 -14.41 45.77 | 74.90 -12.66 40.35 | 64.58 -10.76 18.24 | 59.91 -7.00 0.41 | 59.25 -7.17 -0.01 |
| UPPER HUDSON___HYD 24058 | 88.81 3.61 -20.73 | 69.93 5.32 -6.19 | 68.82 4.84 -7.69 | 61.71 4.99 -0.06 | 61.09 4.88 -0.06 | 63.38 4.86 0.00 | 65.39 4.97 -6.35 | 83.65 4.91 -22.26 | 85.95 4.00 -22.24 | 85.09 4.94 -9.64 | 98.68 6.14 -29.94 | 94.10 5.93 -23.03 | 88.61 6.07 -15.14 | 80.38 5.55 -14.46 | 78.62 6.16 -10.84 | 86.36 7.64 0.00 | 119.68 3.94 0.00 | 155.71 5.56 0.00 | 154.96 4.66 0.00 | 151.85 4.85 0.00 | 131.88 3.97 0.00 | 101.62 8.05 0.00 | 83.33 5.72 -10.28 | 70.80 4.32 -0.06 |
| UPPER RAQUET___HYD 24056 | 64.28 -0.19 0.00 | 57.90 -0.53 0.00 | 55.72 -0.56 0.00 | 55.02 -1.64 0.00 | 55.36 -0.79 0.00 | 57.35 -1.17 0.00 | 53.14 -0.92 0.00 | 55.46 -1.02 0.00 | 58.99 -0.72 0.00 | 69.66 -0.85 0.00 | 62.16 -0.44 0.00 | 64.69 -0.46 0.00 | 67.94 0.54 0.00 | 60.19 -0.18 0.00 | 61.18 -0.43 0.00 | 76.99 -1.73 0.00 | 113.20 -2.55 0.00 | 146.55 -3.60 0.00 | 146.39 -3.91 0.00 | 143.32 -3.67 0.00 | 124.46 -3.45 0.00 | 91.42 -2.15 0.00 | 66.72 -0.61 0.00 | 66.02 -0.40 0.00 |
| VISCHER___FERRY HYD 24020 | 89.70 5.16 -20.07 | 69.68 5.26 -5.99 | 68.69 4.95 -7.45 | 61.88 5.16 -0.06 | 61.20 5.00 -0.06 | 63.67 5.15 0.00 | 65.08 4.87 -6.15 | 83.12 5.08 -21.56 | 86.51 5.25 -21.54 | 86.26 6.42 -9.34 | 97.42 5.82 -29.00 | 93.38 5.93 -22.30 | 88.00 5.93 -14.67 | 79.86 5.49 -14.00 | 77.90 5.79 -10.50 | 85.81 7.09 0.00 | 122.46 6.71 0.00 | 159.16 9.01 0.00 | 158.87 8.57 0.00 | 155.52 8.53 0.00 | 135.20 7.29 0.00 | 101.81 8.23 0.00 | 83.41 6.13 -9.96 | 71.99 5.51 -0.06 |
| WADING RIVER_IC_1 23522 | 87.63 7.41 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.29 4.80 -10.97 | 80.16 4.70 -21.39 | 84.24 5.14 -22.63 | 99.84 5.97 -34.16 | 119.47 6.84 -42.12 | 123.30 5.13 -55.56 | 125.20 5.08 -54.97 | 128.85 4.92 -56.53 | 130.35 4.53 -65.45 | 126.59 4.44 -60.54 | 126.64 5.35 -42.56 | 131.22 6.02 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.63 6.91 -24.81 | 148.41 6.83 -48.01 | 123.79 4.98 -51.48 | 119.92 4.05 -49.45 |

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| WADING RIVER_IC_2 23547 | 87.63 7.41 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.29 4.80 -10.97 | 80.16 4.70 -21.39 | 84.24 5.14 -22.63 | 99.84 5.97 -34.16 | 119.47 6.84 -42.12 | 123.30 5.13 -55.56 | 125.20 5.08 -54.97 | 128.85 4.92 -56.53 | 130.35 4.53 -65.45 | 126.59 4.44 -60.54 | 126.64 5.35 -42.56 | 131.22 6.02 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.63 6.91 -24.81 | 148.41 6.83 -48.01 | 123.79 4.98 -51.48 | 119.92 4.05 -49.45 |
| WADING RIVER_IC_3 23601 | 87.63 7.41 -15.74 | 92.77 6.54 -27.80 | 82.31 5.97 -20.06 | 80.06 6.12 -17.27 | 78.74 6.12 -16.48 | 74.29 4.80 -10.97 | 80.16 4.70 -21.39 | 84.24 5.14 -22.63 | 99.84 5.97 -34.16 | 119.47 6.84 -42.12 | 123.30 5.13 -55.56 | 125.20 5.08 -54.97 | 128.85 4.92 -56.53 | 130.35 4.53 -65.45 | 126.59 4.44 -60.54 | 126.64 5.35 -42.56 | 131.22 6.02 -9.45 | 171.04 8.26 -12.63 | 170.96 7.52 -13.14 | 157.04 7.79 -2.25 | 159.63 6.91 -24.81 | 148.41 6.83 -48.01 | 123.79 4.98 -51.48 | 119.92 4.05 -49.45 |
| WALDEN___HYDRO 24148 | 84.56 4.71 -15.38 | 66.67 4.03 -4.22 | 65.37 3.77 -5.32 | 60.13 3.91 0.44 | 59.43 3.71 0.42 | 62.07 3.86 0.31 | 61.95 3.73 -4.15 | 76.98 4.18 -16.33 | 80.26 4.54 -16.02 | 82.63 6.06 -6.06 | 89.15 5.26 -21.29 | 86.71 5.54 -16.03 | 82.83 5.46 -9.96 | 74.63 5.07 -9.19 | 73.22 5.05 -6.55 | 83.52 6.22 1.42 | 122.49 7.64 0.89 | 159.36 10.21 1.00 | 159.88 10.52 0.94 | 156.58 10.29 0.70 | 135.73 9.08 1.26 | 99.92 7.95 1.61 | 79.37 5.66 -6.39 | 69.98 4.91 1.35 |
| WARRENSBURG___ 23737 | 88.75 3.55 -20.73 | 69.87 5.26 -6.19 | 68.76 4.78 -7.69 | 61.60 4.87 -0.06 | 60.97 4.77 -0.06 | 63.26 4.74 0.00 | 65.17 4.76 -6.35 | 83.48 4.74 -22.26 | 85.78 3.82 -22.24 | 84.87 4.72 -9.64 | 98.55 6.01 -29.94 | 94.04 5.86 -23.03 | 88.48 5.93 -15.14 | 80.26 5.43 -14.46 | 78.49 6.04 -10.84 | 86.12 7.40 0.00 | 119.45 3.70 0.00 | 155.41 5.26 0.00 | 154.66 4.36 0.00 | 151.55 4.56 0.00 | 131.62 3.71 0.00 | 101.53 7.95 0.00 | 83.26 5.66 -10.28 | 70.80 4.32 -0.06 |
| WATERSIDE___6 8 9 23538 | 86.54 6.32 -15.75 | 86.82 5.32 -23.08 | 86.27 5.07 -24.92 | 85.10 5.27 -23.17 | 83.25 5.00 -22.11 | 78.39 5.15 -14.72 | 86.08 4.92 -27.09 | 86.42 5.36 -24.59 | 104.29 5.79 -38.79 | 129.10 7.12 -51.48 | 133.16 6.20 -64.36 | 136.68 6.51 -65.02 | 142.47 6.47 -68.60 | 146.34 5.92 -80.05 | 142.15 5.98 -74.56 | 140.07 7.32 -54.02 | 136.18 8.80 -11.64 | 177.37 11.71 -15.50 | 178.29 11.87 -16.11 | 161.48 11.61 -2.88 | 168.46 10.23 -30.32 | 161.13 9.08 -58.48 | 134.88 6.60 -60.96 | 134.00 6.11 -61.47 |
| WEST BABYLON___IC 23714 | 88.02 7.80 -15.74 | 92.83 6.60 -27.80 | 82.42 6.08 -20.06 | 80.17 6.23 -17.27 | 78.80 6.18 -16.48 | 74.76 5.27 -10.97 | 80.59 5.14 -21.39 | 85.03 5.93 -22.63 | 100.68 6.81 -34.16 | 120.74 8.11 -42.12 | 124.61 6.45 -55.56 | 126.70 6.58 -54.97 | 130.34 6.40 -56.53 | 131.74 5.92 -65.45 | 128.01 5.85 -60.54 | 128.37 7.09 -42.56 | 133.41 8.22 -9.45 | 174.34 11.56 -12.63 | 174.26 10.82 -13.14 | 160.42 11.17 -2.25 | 161.94 9.21 -24.81 | 150.19 8.61 -48.01 | 125.34 6.53 -51.48 | 121.39 5.51 -49.45 |
| WEST CANADA___HYD 24049 | 64.70 0.58 0.35 | 58.84 0.53 0.11 | 56.71 0.56 0.13 | 57.23 0.57 0.00 | 56.70 0.56 0.00 | 59.10 0.59 0.00 | 54.55 0.59 0.11 | 56.71 0.62 0.38 | 59.99 0.66 0.38 | 71.12 0.78 0.16 | 62.78 0.69 0.51 | 65.47 0.72 0.39 | 67.82 0.67 0.26 | 60.72 0.60 0.25 | 62.11 0.68 0.18 | 79.51 0.79 0.00 | 116.55 0.81 0.00 | 151.20 1.05 0.00 | 151.50 1.20 0.00 | 148.17 1.18 0.00 | 128.94 1.02 0.00 | 94.51 0.94 0.00 | 67.89 0.74 0.18 | 67.02 0.60 0.00 |
| WESTERN_NY_WIND 24143 | 56.29 -7.87 0.32 | 52.92 -6.25 -0.75 | 51.08 -6.13 -0.93 | 52.82 -3.85 -0.01 | 49.52 -6.62 -0.01 | 53.14 -5.38 0.00 | 41.34 -6.54 6.18 | 47.51 -6.72 2.24 | 52.54 -6.81 0.36 | 55.10 -7.90 7.51 | 55.05 -7.07 0.48 | 57.48 -7.30 0.37 | 56.78 -10.38 0.25 | 52.77 -7.36 0.24 | 52.83 -7.58 1.20 | 53.47 -10.47 14.78 | 59.99 -13.66 42.09 | 90.02 -16.97 43.16 | 95.18 -16.98 38.14 | 87.21 -16.90 42.88 | 75.15 -14.97 37.80 | 63.29 -13.19 17.08 | 58.81 -8.35 0.17 | 57.79 -8.63 -0.01 |
| YORK___WARBASSE 23770 | 86.54 6.32 -15.75 | 87.56 5.73 -23.41 | 87.01 5.46 -25.27 | 85.87 5.61 -23.59 | 84.04 5.39 -22.51 | 78.95 5.44 -14.99 | 86.75 5.19 -27.50 | 86.90 5.70 -24.73 | 106.41 6.21 -40.49 | 133.05 7.61 -54.93 | 136.85 6.64 -67.61 | 140.85 6.97 -68.73 | 147.34 6.88 -73.06 | 152.16 6.34 -85.45 | 147.71 6.35 -79.75 | 144.86 7.87 -58.26 | 138.61 9.72 -13.14 | 180.40 12.76 -17.49 | 181.39 12.93 -18.16 | 162.93 12.64 -3.30 | 173.16 11.13 -34.12 | 169.03 9.73 -65.72 | 141.91 7.07 -67.51 | 140.59 6.58 -67.59 |