

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/10/2008

| 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 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.46 4.29 -9.55 | 60.04 4.04 -12.05 | 65.95 4.44 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.24 6.11 -18.06 | 78.19 6.09 -18.24 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.01 5.78 -6.76 | 63.42 5.66 -4.32 | 75.90 5.72 -17.75 | 95.20 5.72 -25.01 | 98.83 8.69 -20.58 | 92.96 7.55 -24.04 | 87.49 6.56 -26.67 | 79.56 6.16 -19.79 | 66.75 5.56 -7.69 | 62.92 5.25 -4.61 |
| 74TH STREET_GT_1 24260 | 65.78 4.44 -9.69 | 60.85 3.65 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.25 6.14 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.21 5.72 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| 74TH STREET_GT_2 24261 | 65.78 4.44 -9.69 | 60.85 3.65 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.25 6.14 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.21 5.72 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| ADK HUDSON___FALLS 24011 | 68.55 4.18 -12.71 | 64.39 3.65 -15.07 | 59.06 3.65 -7.93 | 56.41 3.58 -6.34 | 53.63 3.70 0.00 | 63.61 3.52 -12.46 | 63.31 3.52 -15.85 | 69.69 3.25 -20.65 | 74.54 3.58 -17.58 | 80.80 4.05 -22.71 | 82.31 4.43 -23.80 | 82.44 4.47 -24.11 | 77.92 4.23 -19.48 | 70.91 4.06 -13.45 | 66.75 4.17 -9.10 | 63.42 4.06 -5.93 | 79.60 3.78 -23.39 | 99.84 4.45 -32.78 | 101.51 5.01 -26.96 | 97.33 4.60 -31.36 | 93.16 4.07 -34.84 | 83.62 3.97 -26.05 | 68.12 4.44 -10.18 | 63.71 4.51 -6.15 |
| ADK RESOURCE___RCVRY 23798 | 68.55 4.18 -12.71 | 64.39 3.65 -15.07 | 59.06 3.65 -7.93 | 56.41 3.58 -6.34 | 53.63 3.70 0.00 | 63.61 3.52 -12.46 | 63.31 3.52 -15.85 | 69.69 3.25 -20.65 | 74.54 3.58 -17.58 | 80.80 4.05 -22.71 | 82.31 4.43 -23.80 | 82.44 4.47 -24.11 | 77.92 4.23 -19.48 | 70.91 4.06 -13.45 | 66.75 4.17 -9.10 | 63.42 4.06 -5.93 | 79.60 3.78 -23.39 | 99.84 4.45 -32.78 | 101.51 5.01 -26.96 | 97.33 4.60 -31.36 | 93.16 4.07 -34.84 | 83.62 3.97 -26.05 | 68.12 4.44 -10.18 | 63.71 4.51 -6.15 |
| ADK S GLENS___FALLS 24028 | 68.55 4.18 -12.71 | 64.39 3.65 -15.07 | 59.06 3.65 -7.93 | 56.41 3.58 -6.34 | 53.63 3.70 0.00 | 63.61 3.52 -12.46 | 63.31 3.52 -15.85 | 69.69 3.25 -20.65 | 74.54 3.58 -17.58 | 80.80 4.05 -22.71 | 82.31 4.43 -23.80 | 82.44 4.47 -24.11 | 77.92 4.23 -19.48 | 70.91 4.06 -13.45 | 66.75 4.17 -9.10 | 63.42 4.06 -5.93 | 79.60 3.78 -23.39 | 99.84 4.45 -32.78 | 101.51 5.01 -26.96 | 97.33 4.60 -31.36 | 93.16 4.07 -34.84 | 83.62 3.97 -26.05 | 68.12 4.44 -10.18 | 63.71 4.51 -6.15 |
| ADK_NYS___DAM 23527 | 67.82 3.77 -12.40 | 63.60 3.24 -14.70 | 58.24 3.04 -7.74 | 55.65 2.98 -6.19 | 53.03 3.10 0.00 | 62.78 3.00 -12.15 | 62.44 3.03 -15.46 | 69.04 3.11 -20.14 | 74.16 3.63 -17.14 | 80.08 3.89 -22.15 | 81.13 3.84 -23.22 | 81.20 3.82 -23.51 | 77.00 3.79 -19.00 | 70.31 3.79 -13.11 | 66.10 3.74 -8.88 | 63.12 3.90 -5.78 | 78.97 3.72 -22.81 | 98.97 4.38 -31.97 | 100.78 4.94 -26.29 | 96.19 4.23 -30.59 | 91.71 3.47 -33.98 | 82.55 3.54 -25.40 | 67.28 3.85 -9.93 | 63.03 3.98 -6.00 |
| AIR_PRODUCTS___DRP 24190 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| ALBANY___1 23571 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| ALBANY___2 23572 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| ALBANY___3 23573 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| ALBANY___4 23574 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |

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| ALCOA_RYNLDS___DRP 24188 | 50.57 -1.08 0.00 | 44.79 -0.87 0.00 | 46.52 -0.95 0.00 | 45.60 -0.88 0.00 | 48.89 -1.05 0.00 | 46.58 -1.05 0.00 | 42.89 -1.05 0.00 | 44.96 -0.82 0.00 | 51.68 -1.71 0.00 | 52.36 -1.68 0.00 | 52.40 -1.68 0.00 | 52.24 -1.62 0.00 | 52.48 -1.73 0.00 | 51.86 -1.55 0.00 | 52.14 -1.34 0.00 | 51.94 -1.50 0.00 | 50.86 -1.57 0.00 | 60.68 -1.94 0.00 | 67.11 -2.43 0.00 | 59.53 -1.84 0.00 | 52.52 -1.74 0.00 | 51.89 -1.72 0.00 | 52.05 -1.44 0.00 | 51.73 -1.33 0.00 |
| ALLEGHENY___COGEN 23514 | 43.60 -3.41 4.64 | 40.62 -3.06 1.98 | 39.30 -3.18 4.98 | 39.38 -3.21 3.90 | 38.97 -3.35 7.62 | 44.34 -3.14 0.14 | 32.96 -2.68 8.30 | 34.67 -2.52 8.60 | 34.14 -1.49 17.75 | 34.39 -1.19 18.46 | 37.66 -1.19 15.23 | 33.69 -1.35 18.82 | 33.27 -1.52 19.42 | 33.49 -1.60 18.31 | 33.80 -2.62 17.05 | 33.95 -1.76 17.72 | 36.70 -1.57 14.16 | 51.42 -1.44 9.76 | 61.23 -1.67 6.64 | 59.07 -1.90 0.39 | 49.68 -1.41 3.16 | 37.84 -1.34 14.43 | 42.73 -1.77 9.00 | 42.58 -2.44 8.03 |
| AMERICAN_REF_FUEL 24010 | 41.31 -6.51 3.84 | 38.25 -5.84 1.56 | 37.22 -6.08 4.17 | 37.23 -6.00 3.26 | 37.27 -6.19 6.48 | 41.46 -6.14 0.02 | 31.13 -5.89 6.93 | 32.51 -6.14 7.14 | 32.67 -5.77 14.95 | 32.86 -5.67 15.51 | 35.64 -5.68 12.75 | 32.29 -5.76 15.81 | 31.95 -5.91 16.35 | 32.02 -5.93 15.46 | 31.67 -7.38 14.43 | 32.43 -5.98 15.02 | 34.77 -5.82 11.85 | 47.64 -6.95 8.02 | 55.78 -8.35 5.43 | 53.44 -7.86 0.07 | 45.56 -6.29 2.40 | 35.87 -5.68 12.05 | 40.41 -5.51 7.57 | 40.33 -5.94 6.78 |
| ARTHUR_KILL_GT_1 23520 | 85.28 4.34 -29.29 | 71.79 3.47 -22.66 | 70.08 3.75 -18.86 | 68.97 3.67 -18.81 | 60.58 4.04 -6.60 | 61.33 4.14 -9.56 | 59.92 3.91 -12.06 | 65.78 4.26 -15.73 | 73.02 5.55 -14.07 | 92.04 5.67 -32.33 | 94.12 6.06 -33.98 | 94.36 6.09 -34.41 | 93.75 6.02 -33.53 | 90.24 5.82 -31.01 | 88.03 5.78 -28.78 | 86.12 5.56 -27.13 | 94.31 5.66 -36.21 | 120.94 7.45 -50.87 | 120.42 8.62 -42.24 | 119.73 7.43 -50.93 | 119.18 6.51 -58.41 | 117.07 6.11 -57.35 | 96.57 5.56 -37.51 | 86.58 5.15 -28.39 |
| ARTHUR_KILL_2 23512 | 85.28 4.34 -29.29 | 71.79 3.47 -22.66 | 70.08 3.75 -18.86 | 68.97 3.67 -18.81 | 60.58 4.04 -6.60 | 61.33 4.14 -9.56 | 59.92 3.91 -12.06 | 65.78 4.26 -15.73 | 73.02 5.55 -14.07 | 92.04 5.67 -32.33 | 94.12 6.06 -33.98 | 94.36 6.09 -34.41 | 93.75 6.02 -33.53 | 90.24 5.82 -31.01 | 88.03 5.78 -28.78 | 86.12 5.56 -27.13 | 94.31 5.66 -36.21 | 120.94 7.45 -50.87 | 120.42 8.62 -42.24 | 119.73 7.43 -50.93 | 119.18 6.51 -58.41 | 117.07 6.11 -57.35 | 96.57 5.56 -37.51 | 86.58 5.15 -28.39 |
| ARTHUR_KILL_3 23513 | 85.22 4.29 -29.28 | 71.83 3.52 -22.65 | 70.11 3.80 -18.85 | 69.01 3.72 -18.80 | 60.67 4.14 -6.59 | 61.37 4.19 -9.55 | 59.95 3.96 -12.05 | 65.86 4.35 -15.72 | 73.06 5.61 -14.06 | 92.08 5.73 -32.32 | 94.05 6.00 -33.97 | 94.24 5.98 -34.40 | 93.69 5.96 -33.52 | 90.18 5.77 -31.00 | 87.91 5.67 -28.77 | 86.11 5.56 -27.12 | 94.25 5.61 -36.20 | 120.93 7.45 -50.86 | 120.34 8.55 -42.24 | 119.72 7.43 -50.92 | 119.11 6.46 -58.40 | 117.00 6.06 -57.34 | 96.45 5.46 -37.50 | 86.58 5.15 -28.38 |
| ASHOKAN____ 23654 | 66.83 4.70 -10.48 | 62.24 4.11 -12.47 | 58.35 4.37 -6.52 | 55.93 4.23 -5.21 | 54.49 4.64 0.09 | 62.52 4.57 -10.33 | 61.21 4.22 -13.04 | 67.65 4.85 -17.01 | 73.84 6.09 -14.36 | 78.80 6.16 -18.61 | 79.90 6.27 -19.55 | 79.81 6.19 -19.76 | 76.25 6.13 -15.91 | 70.32 5.98 -10.93 | 66.70 5.88 -7.34 | 64.01 5.88 -4.70 | 77.58 5.93 -19.22 | 97.19 7.51 -27.05 | 100.58 8.76 -22.27 | 95.03 7.67 -25.99 | 89.82 6.73 -28.84 | 81.30 6.27 -21.42 | 67.44 5.62 -8.33 | 63.04 4.99 -5.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.35 6.07 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.19 5.72 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.06 9.04 -50.48 | 123.87 7.92 -54.59 | 123.70 6.67 -62.77 | 119.73 6.38 -59.74 | 117.18 5.51 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT2_1 24094 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT2_2 24095 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT2_3 24096 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT2_4 24097 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT3_1 24098 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT3_2 24099 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT3_3 24100 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |

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| ASTORIA_GT3_4 24101 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT4_1 24102 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT4_2 24103 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT4_3 24104 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT4_4 24105 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT_1 23523 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT_10 24110 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| ASTORIA_GT_11 24225 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| ASTORIA_GT_12 24226 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| ASTORIA_GT_13 24227 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| ASTORIA_GT_5 24106 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT_7 24107 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA_GT_8 24108 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA___2 24149 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ASTORIA___3 23516 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.09 5.82 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| ASTORIA___4 23517 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.13 9.11 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |

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|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA___5 23518 | 110.92 4.86 -54.41 | 86.50 3.93 -36.91 | 87.04 4.27 -35.31 | 87.36 4.14 -36.74 | 69.70 4.59 -15.17 | 61.85 4.67 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.47 5.98 -15.10 | 111.75 6.00 -51.72 | 114.66 6.22 -54.37 | 115.16 6.19 -55.11 | 116.40 6.13 -56.06 | 116.40 5.93 -57.06 | 116.32 5.88 -56.96 | 114.24 5.77 -55.04 | 116.40 5.72 -58.25 | 123.81 7.83 -53.37 | 129.06 9.04 -50.48 | 123.87 7.92 -54.59 | 123.75 6.73 -62.77 | 119.73 6.38 -59.74 | 117.23 5.56 -58.17 | 115.07 5.20 -56.82 |
| ATHENS_STG_1 23668 | 65.00 2.63 -10.71 | 60.69 2.28 -12.75 | 56.55 2.42 -6.66 | 54.14 2.32 -5.33 | 52.39 2.55 0.09 | 60.70 2.52 -10.56 | 59.61 2.33 -13.33 | 65.74 2.56 -17.39 | 71.27 3.20 -14.68 | 76.30 3.24 -19.02 | 77.36 3.30 -19.99 | 77.34 3.29 -20.20 | 73.79 3.31 -16.27 | 67.79 3.20 -11.17 | 64.14 3.16 -7.51 | 61.40 3.15 -4.81 | 75.18 3.09 -19.65 | 94.22 3.95 -27.65 | 96.83 4.52 -22.76 | 91.86 3.93 -26.57 | 87.21 3.47 -29.48 | 78.77 3.27 -21.89 | 65.06 3.05 -8.52 | 61.08 2.92 -5.11 |
| ATHENS_STG_2 23670 | 65.00 2.63 -10.71 | 60.69 2.28 -12.75 | 56.55 2.42 -6.66 | 54.14 2.32 -5.33 | 52.39 2.55 0.09 | 60.70 2.52 -10.56 | 59.61 2.33 -13.33 | 65.74 2.56 -17.39 | 71.27 3.20 -14.68 | 76.30 3.24 -19.02 | 77.36 3.30 -19.99 | 77.34 3.29 -20.20 | 73.79 3.31 -16.27 | 67.79 3.20 -11.17 | 64.14 3.16 -7.51 | 61.40 3.15 -4.81 | 75.18 3.09 -19.65 | 94.22 3.95 -27.65 | 96.83 4.52 -22.76 | 91.86 3.93 -26.57 | 87.21 3.47 -29.48 | 78.77 3.27 -21.89 | 65.06 3.05 -8.52 | 61.08 2.92 -5.11 |
| ATHENS_STG_3 23677 | 65.00 2.63 -10.71 | 60.69 2.28 -12.75 | 56.55 2.42 -6.66 | 54.14 2.32 -5.33 | 52.39 2.55 0.09 | 60.70 2.52 -10.56 | 59.61 2.33 -13.33 | 65.74 2.56 -17.39 | 71.27 3.20 -14.68 | 76.30 3.24 -19.02 | 77.36 3.30 -19.99 | 77.34 3.29 -20.20 | 73.79 3.31 -16.27 | 67.79 3.20 -11.17 | 64.14 3.16 -7.51 | 61.40 3.15 -4.81 | 75.18 3.09 -19.65 | 94.22 3.95 -27.65 | 96.83 4.52 -22.76 | 91.86 3.93 -26.57 | 87.21 3.47 -29.48 | 78.77 3.27 -21.89 | 65.06 3.05 -8.52 | 61.08 2.92 -5.11 |
| BARRETT_IC_1 23704 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_10 23701 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_11 23702 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_12 23703 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_2 23705 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_3 23706 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_4 23707 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_5 23708 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_6 23709 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_7 23710 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_8 23711 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT_IC_9 23700 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| BARRETT___1 23545 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BARRETT___2 23546 | 66.35 5.01 -9.69 | 61.35 4.16 -11.53 | 60.81 5.08 -8.27 | 56.28 4.97 -4.82 | 55.28 5.44 0.10 | 62.46 5.29 -9.55 | 60.79 4.79 -12.05 | 66.55 5.04 -15.72 | 73.64 6.99 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.61 7.16 -45.58 | 104.75 7.16 -43.38 | 104.68 6.94 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.11 6.74 -43.88 | 70.14 6.53 -10.57 |
| BEAVER RIVER___HYD 24048 | 49.79 -1.86 0.00 | 44.02 -1.64 0.00 | 45.80 -1.66 0.00 | 44.86 -1.63 0.00 | 48.14 -1.80 0.00 | 45.77 -1.86 0.00 | 42.36 -1.58 0.00 | 45.15 -0.64 0.00 | 52.11 -1.28 0.00 | 53.60 -0.43 0.00 | 53.70 -0.38 0.00 | 53.54 -0.32 0.00 | 53.02 -1.19 0.00 | 52.23 -1.17 0.00 | 51.98 -1.50 0.00 | 52.04 -1.39 0.00 | 51.18 -1.26 0.00 | 61.68 -0.94 0.00 | 68.57 -0.97 0.00 | 61.18 -0.18 0.00 | 53.98 -0.27 0.00 | 52.32 -1.29 0.00 | 52.16 -1.34 0.00 | 51.41 -1.64 0.00 |
| BEEBEE_GT_13 23619 | 41.85 -4.96 4.85 | 39.08 -4.20 2.38 | 37.98 -4.46 5.03 | 38.18 -4.37 3.93 | 37.79 -4.84 7.31 | 42.72 -4.38 0.53 | 32.37 -3.12 8.46 | 33.64 -3.25 8.89 | 34.00 -1.82 17.58 | 34.11 -1.51 18.41 | 36.99 -1.73 15.35 | 33.38 -1.67 18.81 | 33.19 -1.79 19.24 | 33.50 -1.92 17.99 | 33.95 -2.89 16.64 | 34.22 -2.03 17.18 | 36.28 -1.84 14.32 | 49.92 -2.32 10.39 | 59.90 -2.43 7.22 | 57.37 -2.64 1.36 | 48.18 -1.95 4.13 | 37.40 -1.55 14.66 | 42.13 -2.41 8.95 | 42.08 -3.08 7.90 |
| BETHLEHEM___GRP 23843 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| BETHLEHEM___GS1 323560 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| BETHLEHEM___GS2 323561 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| BETHLEHEM___GS3 323562 | 67.24 3.20 -12.39 | 63.23 2.88 -14.69 | 58.14 2.94 -7.73 | 55.55 2.88 -6.18 | 52.98 3.05 0.00 | 62.67 2.91 -12.14 | 62.12 2.72 -15.45 | 68.66 2.75 -20.12 | 73.19 2.67 -17.13 | 78.71 2.54 -22.14 | 79.66 2.38 -23.20 | 79.67 2.32 -23.50 | 75.47 2.28 -18.98 | 68.81 2.30 -13.11 | 64.65 2.30 -8.87 | 61.46 2.24 -5.78 | 77.38 2.15 -22.79 | 97.19 2.63 -31.95 | 98.74 2.92 -26.27 | 94.45 2.52 -30.57 | 90.49 2.28 -33.96 | 81.19 2.20 -25.39 | 65.77 2.35 -9.93 | 61.38 2.33 -5.99 |
| BETHLEHEM___STEEL 23779 | 41.67 -6.51 3.48 | 38.50 -5.89 1.27 | 37.48 -6.12 3.86 | 37.43 -6.04 3.01 | 37.53 -6.24 6.17 | 41.64 -6.14 -0.16 | 31.82 -5.76 6.37 | 33.42 -5.86 6.51 | 33.80 -5.61 13.99 | 34.08 -5.51 14.44 | 36.75 -5.52 11.81 | 33.50 -5.66 14.71 | 33.12 -5.80 15.29 | 33.16 -5.71 14.53 | 32.81 -7.06 13.61 | 33.39 -5.82 14.21 | 35.77 -5.72 10.95 | 48.93 -6.51 7.18 | 57.04 -7.72 4.78 | 54.50 -7.24 -0.38 | 46.50 -5.97 1.79 | 36.98 -5.52 11.11 | 40.87 -5.56 7.06 | 40.74 -5.94 6.37 |
| BETHPAGE_CC_5 323564 | 66.10 4.75 -9.69 | 61.12 3.93 -11.53 | 60.72 4.98 -8.27 | 56.14 4.83 -4.82 | 55.13 5.29 0.10 | 62.27 5.10 -9.55 | 60.61 4.61 -12.05 | 66.32 4.81 -15.72 | 73.37 6.73 -13.25 | 99.70 6.75 -38.91 | 106.02 6.87 -45.07 | 106.28 6.84 -45.58 | 104.42 6.83 -43.38 | 104.36 6.62 -44.33 | 104.41 6.58 -44.36 | 105.40 6.47 -45.51 | 107.86 6.50 -48.93 | 121.08 8.39 -50.07 | 134.44 9.60 -55.30 | 122.34 8.35 -52.62 | 112.17 7.32 -50.59 | 110.56 6.92 -50.04 | 103.79 6.42 -43.88 | 69.93 6.31 -10.57 |
| BINGHAMTON___COGEN 23790 | 53.38 -1.03 -2.76 | 48.19 -1.00 -3.53 | 47.99 -1.04 -1.57 | 46.67 -1.07 -1.26 | 48.27 -1.10 0.57 | 49.66 -1.00 -3.03 | 46.36 -0.83 -3.25 | 49.55 -0.64 -4.40 | 55.88 -0.48 -2.97 | 57.88 -0.32 -4.17 | 58.48 -0.27 -4.68 | 57.97 -0.38 -4.48 | 57.03 -0.49 -3.31 | 54.79 -0.53 -1.92 | 53.73 -0.70 -0.95 | 52.92 -0.64 -0.13 | 56.57 -0.52 -4.66 | 69.77 -0.13 -7.28 | 75.57 -0.07 -6.09 | 68.88 -0.12 -7.63 | 62.37 -0.16 -8.27 | 58.57 -0.32 -5.29 | 54.67 -0.64 -1.82 | 53.11 -0.85 -0.90 |
| BLACK RIVER___HYD 24047 | 49.36 -2.63 -0.34 | 43.74 -2.33 -0.40 | 45.31 -2.37 -0.21 | 44.33 -2.32 -0.17 | 47.39 -2.55 0.00 | 45.39 -2.57 -0.33 | 42.31 -2.07 -0.42 | 45.24 -1.10 -0.55 | 52.15 -1.71 -0.47 | 53.94 -0.70 -0.61 | 54.12 -0.59 -0.64 | 53.97 -0.54 -0.65 | 53.16 -1.57 -0.52 | 52.17 -1.60 -0.36 | 51.74 -1.98 -0.24 | 51.77 -1.82 -0.16 | 51.49 -1.57 -0.63 | 62.37 -1.13 -0.88 | 69.16 -1.11 -0.72 | 61.90 -0.31 -0.84 | 54.70 -0.49 -0.93 | 52.64 -1.66 -0.70 | 51.89 -1.87 -0.27 | 50.88 -2.33 -0.16 |
| BLISS_WT_PWR 323608 | 42.91 -5.63 3.11 | 39.50 -5.16 1.00 | 38.57 -5.36 3.54 | 38.38 -5.35 2.76 | 38.62 -5.49 5.82 | 42.66 -5.29 -0.32 | 33.48 -4.66 5.80 | 35.71 -4.21 5.87 | 36.63 -3.79 12.97 | 37.08 -3.62 13.33 | 39.63 -3.62 10.83 | 36.26 -4.04 13.56 | 35.91 -4.12 14.18 | 35.81 -4.06 13.54 | 35.51 -5.24 12.72 | 35.93 -4.17 13.34 | 38.43 -3.99 10.03 | 52.53 -3.76 6.34 | 60.87 -4.52 4.16 | 57.79 -4.36 -0.78 | 49.18 -3.85 1.23 | 39.72 -3.75 10.14 | 42.63 -4.33 6.53 | 42.14 -4.99 5.93 |
| BLUE_CIRC_CHEM_DRP 24182 | 66.44 2.53 -12.25 | 62.47 2.28 -14.53 | 57.54 2.42 -7.65 | 54.92 2.32 -6.12 | 52.43 2.50 0.00 | 62.02 2.38 -12.01 | 61.25 2.02 -15.28 | 67.75 2.06 -19.90 | 72.74 2.40 -16.94 | 78.25 2.32 -21.90 | 79.29 2.27 -22.95 | 79.31 2.21 -23.24 | 75.16 2.17 -18.78 | 68.51 2.14 -12.96 | 64.39 2.14 -8.77 | 61.29 2.14 -5.72 | 77.03 2.05 -22.54 | 96.72 2.50 -31.60 | 98.39 2.85 -25.99 | 94.12 2.52 -30.23 | 90.06 2.22 -33.58 | 80.86 2.14 -25.11 | 65.72 2.41 -9.82 | 61.37 2.39 -5.93 |
| BOC_GAS_DRP 24189 | 66.36 2.32 -12.38 | 62.48 2.15 -14.68 | 57.42 2.23 -7.73 | 54.85 2.18 -6.18 | 52.28 2.35 0.00 | 62.00 2.24 -12.13 | 61.45 2.07 -15.44 | 68.05 2.15 -20.10 | 72.96 2.46 -17.12 | 78.53 2.38 -22.12 | 79.58 2.33 -23.18 | 79.54 2.21 -23.47 | 75.40 2.22 -18.97 | 68.69 2.19 -13.09 | 64.48 2.14 -8.86 | 61.34 2.14 -5.78 | 77.31 2.10 -22.77 | 97.10 2.57 -31.92 | 98.65 2.85 -26.25 | 94.43 2.52 -30.54 | 90.46 2.28 -33.93 | 81.11 2.14 -25.36 | 65.60 2.19 -9.92 | 61.27 2.23 -5.99 |
| BORALEX_4TH_BRANCH 23824 | 67.82 3.77 -12.40 | 63.60 3.24 -14.70 | 58.24 3.04 -7.74 | 55.65 2.98 -6.19 | 53.03 3.10 0.00 | 62.78 3.00 -12.15 | 62.44 3.03 -15.46 | 69.04 3.11 -20.14 | 74.16 3.63 -17.14 | 80.08 3.89 -22.15 | 81.13 3.84 -23.22 | 81.20 3.82 -23.51 | 77.00 3.79 -19.00 | 70.31 3.79 -13.11 | 66.10 3.74 -8.88 | 63.12 3.90 -5.78 | 78.97 3.72 -22.81 | 98.97 4.38 -31.97 | 100.78 4.94 -26.29 | 96.19 4.23 -30.59 | 91.71 3.47 -33.98 | 82.55 3.54 -25.40 | 67.28 3.85 -9.93 | 63.03 3.98 -6.00 |

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| BOWLINE___1 23526 | 64.87 3.77 -9.45 | 60.02 3.10 -11.25 | 56.71 3.37 -5.87 | 54.44 3.25 -4.70 | 53.43 3.60 0.10 | 60.61 3.67 -9.32 | 59.21 3.52 -11.75 | 65.02 3.89 -15.34 | 71.38 5.07 -12.92 | 75.98 5.19 -16.76 | 77.04 5.35 -17.61 | 76.99 5.33 -17.79 | 73.85 5.31 -14.32 | 68.36 5.13 -9.82 | 65.09 5.03 -6.59 | 62.61 4.97 -4.21 | 74.73 4.98 -17.31 | 93.65 6.64 -24.40 | 97.35 7.72 -20.08 | 91.52 6.69 -23.46 | 86.08 5.81 -26.02 | 78.32 5.41 -19.30 | 65.86 4.87 -7.50 | 62.11 4.56 -4.50 |
| BOWLINE___2 23595 | 64.88 3.77 -9.45 | 60.02 3.10 -11.25 | 56.71 3.37 -5.87 | 54.44 3.25 -4.70 | 53.43 3.60 0.10 | 60.61 3.67 -9.32 | 59.22 3.52 -11.75 | 65.02 3.89 -15.34 | 71.39 5.07 -12.92 | 75.98 5.19 -16.76 | 77.04 5.35 -17.61 | 76.99 5.33 -17.79 | 73.85 5.31 -14.32 | 68.36 5.13 -9.83 | 65.15 5.08 -6.59 | 62.61 4.97 -4.21 | 74.79 5.03 -17.32 | 93.66 6.64 -24.40 | 97.35 7.72 -20.08 | 91.52 6.69 -23.46 | 86.09 5.81 -26.03 | 78.32 5.41 -19.30 | 65.87 4.87 -7.50 | 62.11 4.56 -4.50 |
| BROOKHAVEN___DRP 24191 | 65.99 4.65 -9.69 | 61.17 3.97 -11.53 | 61.33 5.60 -8.27 | 56.75 5.44 -4.82 | 55.78 5.94 0.10 | 62.84 5.67 -9.55 | 60.79 4.79 -12.05 | 66.28 4.76 -15.72 | 73.64 6.99 -13.25 | 100.03 7.08 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.75 7.16 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.23 6.87 -48.93 | 121.58 8.89 -50.07 | 135.00 10.15 -55.30 | 122.83 8.84 -52.62 | 112.55 7.70 -50.59 | 110.88 7.24 -50.04 | 104.00 6.63 -43.88 | 70.04 6.42 -10.57 |
| BROOKLYN_NAVY_YARD 23515 | 65.58 4.24 -9.69 | 60.66 3.47 -11.53 | 57.28 3.80 -6.02 | 54.97 3.67 -4.82 | 53.93 4.09 0.10 | 61.32 4.14 -9.55 | 59.91 3.91 -12.05 | 65.77 4.26 -15.72 | 72.20 5.55 -13.25 | 76.84 5.62 -17.18 | 78.03 5.89 -18.06 | 78.03 5.92 -18.25 | 74.75 5.85 -14.69 | 69.15 5.66 -10.08 | 65.85 5.61 -6.76 | 63.26 5.50 -4.32 | 75.70 5.51 -17.75 | 95.02 7.39 -25.01 | 98.62 8.48 -20.59 | 92.78 7.36 -24.04 | 87.33 6.40 -26.67 | 79.34 5.95 -19.79 | 66.59 5.40 -7.69 | 62.76 5.09 -4.61 |
| BROOKLYN___ARMY_DRP 323595 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| BROOME___LFGE 323600 | 53.38 -1.03 -2.76 | 48.19 -1.00 -3.53 | 47.99 -1.04 -1.57 | 46.67 -1.07 -1.26 | 48.27 -1.10 0.57 | 49.66 -1.00 -3.03 | 46.36 -0.83 -3.25 | 49.55 -0.64 -4.40 | 55.88 -0.48 -2.97 | 57.88 -0.32 -4.17 | 58.48 -0.27 -4.68 | 57.97 -0.38 -4.48 | 57.03 -0.49 -3.31 | 54.79 -0.53 -1.92 | 53.73 -0.70 -0.95 | 52.92 -0.64 -0.13 | 56.57 -0.52 -4.66 | 69.77 -0.13 -7.28 | 75.57 -0.07 -6.09 | 68.88 -0.12 -7.63 | 62.37 -0.16 -8.27 | 58.57 -0.32 -5.29 | 54.67 -0.64 -1.82 | 53.11 -0.85 -0.90 |
| BURROWS___LYONSDAL 23803 | 50.72 -0.93 0.00 | 44.84 -0.82 0.00 | 46.61 -0.85 0.00 | 45.65 -0.84 0.00 | 48.99 -0.95 0.00 | 46.67 -0.95 0.00 | 43.16 -0.79 0.00 | 45.47 -0.32 0.00 | 52.86 -0.53 0.00 | 53.98 -0.05 0.00 | 54.08 0.00 0.00 | 53.91 0.05 0.00 | 53.83 -0.38 0.00 | 53.03 -0.37 0.00 | 52.83 -0.64 0.00 | 52.90 -0.53 0.00 | 52.02 -0.42 0.00 | 62.43 -0.19 0.00 | 69.41 -0.14 0.00 | 61.49 0.12 0.00 | 54.31 0.05 0.00 | 53.18 -0.43 0.00 | 52.96 -0.53 0.00 | 52.20 -0.85 0.00 |
| CALPINE_BETH_PAGE_GT4 24209 | 66.15 4.80 -9.69 | 61.17 3.97 -11.53 | 60.72 4.98 -8.27 | 56.14 4.83 -4.82 | 55.13 5.29 0.10 | 62.32 5.14 -9.55 | 60.66 4.66 -12.05 | 66.37 4.85 -15.72 | 73.48 6.83 -13.25 | 99.70 6.75 -38.91 | 105.96 6.81 -45.07 | 106.28 6.84 -45.58 | 104.42 6.83 -43.38 | 104.36 6.62 -44.33 | 104.41 6.58 -44.36 | 105.40 6.47 -45.51 | 107.86 6.50 -48.93 | 121.08 8.39 -50.07 | 134.44 9.60 -55.30 | 122.34 8.35 -52.62 | 112.12 7.27 -50.59 | 110.56 6.92 -50.04 | 103.79 6.42 -43.88 | 69.98 6.37 -10.57 |
| CALPINE_BETH_PAGE_GT_4 323586 | 66.15 4.80 -9.69 | 61.17 3.97 -11.53 | 60.72 4.98 -8.27 | 56.14 4.83 -4.82 | 55.13 5.29 0.10 | 62.32 5.14 -9.55 | 60.66 4.66 -12.05 | 66.37 4.85 -15.72 | 73.48 6.83 -13.25 | 99.70 6.75 -38.91 | 105.96 6.81 -45.07 | 106.28 6.84 -45.58 | 104.42 6.83 -43.38 | 104.36 6.62 -44.33 | 104.41 6.58 -44.36 | 105.40 6.47 -45.51 | 107.86 6.50 -48.93 | 121.08 8.39 -50.07 | 134.44 9.60 -55.30 | 122.34 8.35 -52.62 | 112.12 7.27 -50.59 | 110.56 6.92 -50.04 | 103.79 6.42 -43.88 | 69.98 6.37 -10.57 |
| CALPINE_BP_GT1 23823 | 66.15 4.80 -9.69 | 61.17 3.97 -11.53 | 60.72 4.98 -8.27 | 56.14 4.83 -4.82 | 55.13 5.29 0.10 | 62.32 5.14 -9.55 | 60.66 4.66 -12.05 | 66.37 4.85 -15.72 | 73.48 6.83 -13.25 | 99.70 6.75 -38.91 | 105.96 6.81 -45.07 | 106.28 6.84 -45.58 | 104.42 6.83 -43.38 | 104.36 6.62 -44.33 | 104.41 6.58 -44.36 | 105.40 6.47 -45.51 | 107.86 6.50 -48.93 | 121.08 8.39 -50.07 | 134.44 9.60 -55.30 | 122.34 8.35 -52.62 | 112.12 7.27 -50.59 | 110.56 6.92 -50.04 | 103.79 6.42 -43.88 | 69.98 6.37 -10.57 |
| CALSPAN___DRP 24200 | 41.67 -6.51 3.48 | 38.50 -5.89 1.27 | 37.48 -6.12 3.86 | 37.43 -6.04 3.01 | 37.53 -6.24 6.17 | 41.64 -6.14 -0.16 | 31.82 -5.76 6.37 | 33.42 -5.86 6.51 | 33.80 -5.61 13.99 | 34.08 -5.51 14.44 | 36.75 -5.52 11.81 | 33.50 -5.66 14.71 | 33.12 -5.80 15.29 | 33.16 -5.71 14.53 | 32.81 -7.06 13.61 | 33.39 -5.82 14.21 | 35.77 -5.72 10.95 | 48.93 -6.51 7.18 | 57.04 -7.72 4.78 | 54.50 -7.24 -0.38 | 46.50 -5.97 1.79 | 36.98 -5.52 11.11 | 40.87 -5.56 7.06 | 40.74 -5.94 6.37 |
| CARR_STREET_E_SYR 24060 | 51.48 -0.98 -0.80 | 45.74 -0.87 -0.95 | 47.02 -0.95 -0.50 | 45.96 -0.93 -0.40 | 48.94 -1.00 0.00 | 47.46 -0.95 -0.79 | 44.16 -0.79 -1.00 | 46.41 -0.69 -1.30 | 53.97 -0.53 -1.11 | 55.09 -0.38 -1.43 | 55.20 -0.38 -1.50 | 55.01 -0.38 -1.52 | 55.01 -0.43 -1.23 | 53.78 -0.48 -0.85 | 53.36 -0.70 -0.57 | 53.27 -0.53 -0.37 | 53.44 -0.47 -1.48 | 64.31 -0.38 -2.07 | 70.83 -0.42 -1.70 | 62.86 -0.49 -1.98 | 56.08 -0.38 -2.20 | 54.77 -0.48 -1.65 | 53.49 -0.64 -0.64 | 52.54 -0.90 -0.39 |
| CARTHAGE___PAPER 23857 | 49.62 -2.32 -0.29 | 43.95 -2.05 -0.34 | 45.56 -2.09 -0.18 | 44.58 -2.05 -0.14 | 47.69 -2.25 0.00 | 45.62 -2.29 -0.28 | 42.42 -1.89 -0.36 | 45.34 -0.92 -0.47 | 52.24 -1.55 -0.40 | 53.96 -0.59 -0.52 | 54.13 -0.49 -0.54 | 53.98 -0.43 -0.55 | 53.24 -1.41 -0.44 | 52.27 -1.44 -0.31 | 51.92 -1.76 -0.21 | 51.91 -1.66 -0.13 | 51.50 -1.47 -0.53 | 62.30 -1.06 -0.74 | 69.12 -1.04 -0.61 | 61.83 -0.25 -0.71 | 54.67 -0.38 -0.79 | 52.70 -1.50 -0.59 | 52.07 -1.66 -0.23 | 51.12 -2.07 -0.14 |
| CE_DUNWOOD___DRP 24194 | 65.35 4.03 -9.67 | 60.51 3.33 -11.51 | 57.08 3.61 -6.01 | 54.82 3.53 -4.81 | 53.73 3.90 0.10 | 61.11 3.95 -9.54 | 59.71 3.74 -12.03 | 65.60 4.12 -15.70 | 71.96 5.34 -13.23 | 76.65 5.46 -17.15 | 77.78 5.68 -18.03 | 77.73 5.66 -18.21 | 74.46 5.58 -14.66 | 68.92 5.45 -10.06 | 65.58 5.35 -6.75 | 63.04 5.29 -4.31 | 75.46 5.30 -17.72 | 94.60 7.01 -24.97 | 98.17 8.07 -20.55 | 92.37 7.00 -24.00 | 86.96 6.08 -26.63 | 79.04 5.68 -19.75 | 66.36 5.19 -7.68 | 62.54 4.88 -4.60 |
| CE_MILLWOOD___DRP 24193 | 65.22 3.93 -9.64 | 60.38 3.24 -11.48 | 56.92 3.47 -5.99 | 54.67 3.39 -4.79 | 53.58 3.75 0.10 | 60.94 3.81 -9.51 | 59.54 3.60 -11.99 | 65.42 3.98 -15.65 | 71.70 5.13 -13.19 | 76.38 5.24 -17.10 | 77.51 5.46 -17.97 | 77.51 5.49 -18.16 | 74.25 5.42 -14.62 | 68.67 5.23 -10.03 | 65.39 5.19 -6.73 | 62.86 5.13 -4.30 | 75.24 5.14 -17.67 | 94.27 6.76 -24.89 | 97.83 7.79 -20.49 | 92.05 6.75 -23.93 | 86.72 5.91 -26.55 | 78.82 5.52 -19.69 | 66.18 5.03 -7.66 | 62.31 4.67 -4.59 |
| CE_NYC2_DRP 24202 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.66 4.48 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.65 5.88 -56.34 | 118.14 5.87 -59.83 | 123.81 7.83 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.80 6.78 -62.77 | 119.73 6.38 -59.74 | 119.42 5.72 -60.20 | 117.31 5.41 -58.85 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CE_NYC_DRP 24195 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.24 6.11 -18.06 | 78.25 6.14 -18.24 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.27 7.64 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| CHAFFEE___LFG 323603 | 42.21 -6.15 3.30 | 38.95 -5.57 1.14 | 37.92 -5.84 3.70 | 37.83 -5.76 2.89 | 37.94 -5.99 6.00 | 42.05 -5.81 -0.24 | 32.57 -5.27 6.10 | 34.51 -5.08 6.20 | 35.14 -4.75 13.50 | 35.48 -4.65 13.91 | 38.09 -4.65 11.33 | 34.80 -4.90 14.16 | 34.47 -4.99 14.76 | 34.39 -4.97 14.05 | 34.09 -6.20 13.18 | 34.62 -5.02 13.79 | 37.06 -4.88 10.51 | 50.71 -5.13 6.77 | 58.95 -6.12 4.48 | 56.11 -5.83 -0.57 | 47.80 -4.94 1.52 | 38.30 -4.66 10.64 | 41.71 -4.97 6.81 | 41.32 -5.57 6.16 |
| CHAT_HIGH_FALL_HYD 323578 | 50.47 -1.19 0.00 | 44.66 -1.00 0.00 | 46.42 -1.04 0.00 | 45.46 -1.02 0.00 | 48.74 -1.20 0.00 | 46.43 -1.19 0.00 | 42.85 -1.10 0.00 | 44.92 -0.87 0.00 | 51.63 -1.76 0.00 | 52.31 -1.73 0.00 | 52.40 -1.68 0.00 | 52.14 -1.72 0.00 | 52.48 -1.73 0.00 | 51.81 -1.60 0.00 | 52.03 -1.44 0.00 | 51.83 -1.60 0.00 | 50.86 -1.57 0.00 | 60.87 -1.75 0.00 | 67.18 -2.36 0.00 | 59.40 -1.96 0.00 | 52.41 -1.84 0.00 | 51.84 -1.77 0.00 | 51.94 -1.55 0.00 | 51.62 -1.43 0.00 |
| CH_MIDHUDSON___DRP 24192 | 65.78 3.87 -10.25 | 61.10 3.24 -12.20 | 57.31 3.47 -6.37 | 54.98 3.39 -5.10 | 53.59 3.75 0.09 | 61.44 3.71 -10.10 | 60.22 3.52 -12.76 | 66.37 3.94 -16.64 | 72.50 5.07 -14.04 | 77.42 5.19 -18.20 | 78.55 5.35 -19.12 | 78.52 5.33 -19.32 | 75.08 5.31 -15.56 | 69.27 5.18 -10.68 | 65.73 5.08 -7.18 | 63.05 5.02 -4.59 | 76.27 5.03 -18.80 | 95.66 6.58 -26.46 | 98.98 7.65 -21.78 | 93.43 6.63 -25.43 | 88.22 5.75 -28.22 | 79.97 5.41 -20.95 | 66.51 4.87 -8.15 | 62.50 4.56 -4.89 |
| CH_MISC_IPPS 23765 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |
| CH_RES_BVR_FALLS 23983 | 50.80 -0.36 0.50 | 44.75 -0.32 0.59 | 46.82 -0.33 0.31 | 45.96 -0.28 0.25 | 49.59 -0.35 0.00 | 46.80 -0.33 0.49 | 42.98 -0.35 0.62 | 44.62 -0.37 0.81 | 52.17 -0.53 0.69 | 52.61 -0.54 0.89 | 52.61 -0.54 0.93 | 52.38 -0.54 0.94 | 52.91 -0.54 0.76 | 52.35 -0.53 0.52 | 52.69 -0.43 0.36 | 52.72 -0.48 0.23 | 51.00 -0.52 0.91 | 60.71 -0.63 1.28 | 67.73 -0.77 1.05 | 59.53 -0.61 1.22 | 52.30 -0.60 1.36 | 52.05 -0.54 1.02 | 52.61 -0.48 0.40 | 52.39 -0.42 0.24 |
| CH_RES_NIAGARA 23895 | 41.24 -6.51 3.91 | 38.16 -5.89 1.61 | 37.16 -6.08 4.23 | 37.14 -6.04 3.30 | 37.16 -6.24 6.53 | 41.38 -6.19 0.05 | 30.94 -5.98 7.03 | 32.31 -6.23 7.25 | 32.39 -5.87 15.13 | 32.55 -5.78 15.70 | 35.36 -5.79 12.93 | 31.98 -5.87 16.01 | 31.65 -6.02 16.55 | 31.80 -5.98 15.63 | 31.36 -7.54 14.58 | 32.23 -6.04 15.16 | 34.50 -5.93 12.01 | 47.37 -7.08 8.18 | 55.45 -8.55 5.54 | 53.18 -8.04 0.15 | 45.29 -6.46 2.51 | 35.59 -5.79 12.23 | 40.27 -5.56 7.66 | 40.20 -5.99 6.85 |
| CH_RES_SYRACUSE 23985 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| CLITON_WT_PWR 323605 | 50.47 -1.19 0.00 | 44.66 -1.00 0.00 | 46.42 -1.04 0.00 | 45.51 -0.98 0.00 | 48.79 -1.15 0.00 | 46.43 -1.19 0.00 | 42.85 -1.10 0.00 | 44.92 -0.87 0.00 | 51.68 -1.71 0.00 | 52.36 -1.68 0.00 | 52.45 -1.62 0.00 | 52.19 -1.67 0.00 | 52.53 -1.68 0.00 | 51.81 -1.60 0.00 | 52.09 -1.39 0.00 | 51.88 -1.55 0.00 | 50.86 -1.57 0.00 | 60.87 -1.75 0.00 | 67.18 -2.36 0.00 | 59.47 -1.90 0.00 | 52.47 -1.79 0.00 | 51.89 -1.72 0.00 | 51.94 -1.55 0.00 | 51.67 -1.38 0.00 |
| COLONIE_LFG___ 323577 | 67.93 3.82 -12.46 | 63.77 3.33 -14.77 | 58.57 3.32 -7.78 | 55.96 3.25 -6.22 | 53.33 3.40 0.00 | 63.07 3.24 -12.21 | 62.60 3.12 -15.54 | 69.09 3.07 -20.24 | 74.09 3.47 -17.23 | 79.97 3.67 -22.26 | 81.03 3.62 -23.33 | 81.10 3.61 -23.63 | 76.83 3.52 -19.09 | 70.01 3.42 -13.18 | 65.87 3.48 -8.92 | 62.72 3.47 -5.81 | 78.66 3.30 -22.92 | 98.69 3.95 -32.13 | 100.42 4.45 -26.42 | 95.98 3.87 -30.74 | 91.77 3.36 -34.15 | 82.46 3.32 -25.53 | 67.11 3.64 -9.98 | 62.74 3.66 -6.03 |
| CORNELL____ 23752 | 50.57 -2.79 -1.71 | 45.29 -2.47 -2.10 | 45.83 -2.66 -1.02 | 44.66 -2.65 -0.82 | 46.94 -2.85 0.15 | 46.72 -2.67 -1.76 | 43.78 -2.24 -2.08 | 46.62 -1.92 -2.75 | 53.82 -1.71 -2.13 | 55.48 -1.40 -2.85 | 55.84 -1.30 -3.07 | 55.55 -1.35 -3.04 | 55.06 -1.52 -2.37 | 53.34 -1.60 -1.54 | 52.34 -2.09 -0.95 | 52.15 -1.76 -0.48 | 53.89 -1.57 -3.03 | 65.88 -1.19 -4.45 | 72.05 -1.18 -3.69 | 64.46 -1.35 -4.44 | 57.88 -1.25 -4.87 | 55.51 -1.50 -3.40 | 52.83 -1.93 -1.26 | 51.21 -2.55 -0.71 |
| COXSACKIE___GT 23611 | 67.11 4.60 -10.86 | 62.68 4.11 -12.91 | 58.54 4.32 -6.75 | 56.07 4.18 -5.40 | 54.44 4.59 0.09 | 62.74 4.43 -10.69 | 61.59 4.13 -13.51 | 68.08 4.67 -17.62 | 74.04 5.77 -14.88 | 79.04 5.73 -19.28 | 80.12 5.79 -20.25 | 79.93 5.60 -20.47 | 76.29 5.58 -16.49 | 70.19 5.45 -11.33 | 66.49 5.40 -7.62 | 63.71 5.40 -4.89 | 77.69 5.35 -19.91 | 97.40 6.76 -28.02 | 100.47 7.86 -23.06 | 95.15 6.87 -26.91 | 90.14 6.02 -29.86 | 81.42 5.63 -22.19 | 67.32 5.19 -8.64 | 62.90 4.67 -5.18 |
| CRESCENT___HYD 24018 | 67.93 3.82 -12.46 | 63.77 3.33 -14.77 | 58.57 3.32 -7.78 | 55.96 3.25 -6.22 | 53.33 3.40 0.00 | 63.07 3.24 -12.21 | 62.60 3.12 -15.54 | 69.09 3.07 -20.24 | 74.09 3.47 -17.23 | 79.97 3.67 -22.26 | 81.03 3.62 -23.33 | 81.10 3.61 -23.63 | 76.83 3.52 -19.09 | 70.01 3.42 -13.18 | 65.87 3.48 -8.92 | 62.72 3.47 -5.81 | 78.66 3.30 -22.92 | 98.69 3.95 -32.13 | 100.42 4.45 -26.42 | 95.98 3.87 -30.74 | 91.77 3.36 -34.15 | 82.46 3.32 -25.53 | 67.11 3.64 -9.98 | 62.74 3.66 -6.03 |
| CRUCIBLE_METL_DRP 24180 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| DANSKAMMER___1 23586 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |
| DANSKAMMER___2 23589 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |

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|--------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|
| DANSKAMMER___3 23590 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |
| DANSKAMMER___4 23591 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |
| DANSKAMMER___DIESEL 23592 | 64.89 3.36 -9.88 | 60.16 2.74 -11.76 | 56.55 2.94 -6.14 | 54.28 2.88 -4.91 | 53.04 3.20 0.09 | 60.60 3.24 -9.74 | 59.32 3.08 -12.29 | 65.35 3.53 -16.04 | 71.56 4.65 -13.52 | 76.38 4.81 -17.53 | 77.53 5.03 -18.43 | 77.49 5.01 -18.62 | 74.19 4.99 -14.99 | 68.50 4.81 -10.29 | 65.09 4.71 -6.91 | 62.50 4.65 -4.42 | 75.27 4.72 -18.11 | 94.33 6.20 -25.51 | 97.78 7.23 -21.00 | 92.21 6.32 -24.52 | 86.94 5.48 -27.21 | 78.83 5.04 -20.19 | 65.84 4.49 -7.85 | 61.79 4.03 -4.71 |
| DASHVILLE___HYD 23610 | 65.71 4.08 -9.98 | 60.83 3.29 -11.88 | 57.23 3.56 -6.20 | 54.84 3.39 -4.96 | 53.64 3.80 0.09 | 61.27 3.81 -9.84 | 60.01 3.65 -12.42 | 66.20 4.21 -16.20 | 72.55 5.50 -13.66 | 77.42 5.67 -17.71 | 78.58 5.89 -18.61 | 78.64 5.98 -18.80 | 75.32 5.96 -15.14 | 69.57 5.77 -10.39 | 66.12 5.67 -6.98 | 63.51 5.61 -4.46 | 76.39 5.66 -18.29 | 95.71 7.33 -25.76 | 99.24 8.48 -21.21 | 93.56 7.43 -24.76 | 88.19 6.46 -27.47 | 80.05 6.06 -20.39 | 66.83 5.40 -7.93 | 62.69 4.88 -4.76 |
| DOGLEVILLE___HYD 23807 | 53.33 1.91 0.24 | 46.98 1.60 0.28 | 48.98 1.66 0.15 | 47.95 1.58 0.12 | 51.63 1.70 0.00 | 49.01 1.62 0.23 | 45.27 1.63 0.30 | 47.28 1.88 0.39 | 55.57 2.51 0.33 | 56.31 2.70 0.43 | 56.50 2.87 0.45 | 56.26 2.85 0.45 | 56.61 2.76 0.37 | 55.77 2.62 0.25 | 55.77 2.46 0.17 | 55.89 2.56 0.11 | 54.67 2.67 0.44 | 65.45 3.44 0.61 | 73.08 4.03 0.51 | 64.28 3.50 0.59 | 56.64 3.04 0.65 | 55.91 2.79 0.49 | 55.76 2.46 0.19 | 55.16 2.23 0.12 |
| DUNKIRK___1 23563 | 40.39 -8.42 2.85 | 37.28 -7.58 0.80 | 36.28 -7.88 3.30 | 36.10 -7.81 2.58 | 36.17 -8.19 5.57 | 40.25 -7.81 -0.43 | 31.66 -6.90 5.39 | 33.34 -7.05 5.40 | 33.69 -7.47 12.23 | 34.11 -7.40 12.52 | 36.61 -7.35 10.12 | 33.53 -7.59 12.73 | 33.09 -7.75 13.37 | 32.90 -7.69 12.82 | 32.84 -8.56 12.08 | 33.03 -7.69 12.71 | 35.48 -7.60 9.35 | 48.51 -8.39 5.72 | 56.39 -9.46 3.70 | 53.79 -8.65 -1.07 | 45.96 -7.49 0.81 | 36.83 -7.34 9.43 | 39.70 -7.65 6.15 | 39.43 -8.01 5.61 |
| DUNKIRK___2 23564 | 40.39 -8.42 2.85 | 37.28 -7.58 0.80 | 36.28 -7.88 3.30 | 36.10 -7.81 2.58 | 36.17 -8.19 5.57 | 40.25 -7.81 -0.43 | 31.66 -6.90 5.39 | 33.34 -7.05 5.40 | 33.69 -7.47 12.23 | 34.11 -7.40 12.52 | 36.61 -7.35 10.12 | 33.53 -7.59 12.73 | 33.09 -7.75 13.37 | 32.90 -7.69 12.82 | 32.84 -8.56 12.08 | 33.03 -7.69 12.71 | 35.48 -7.60 9.35 | 48.51 -8.39 5.72 | 56.39 -9.46 3.70 | 53.79 -8.65 -1.07 | 45.96 -7.49 0.81 | 36.83 -7.34 9.43 | 39.70 -7.65 6.15 | 39.43 -8.01 5.61 |
| DUNKIRK___3 23565 | 40.96 -7.85 2.84 | 37.79 -7.08 0.80 | 36.81 -7.36 3.30 | 36.61 -7.30 2.57 | 36.72 -7.64 5.57 | 40.73 -7.33 -0.44 | 32.06 -6.50 5.39 | 33.76 -6.64 5.39 | 34.23 -6.94 12.23 | 34.66 -6.86 12.52 | 37.15 -6.81 10.11 | 34.13 -7.00 12.73 | 33.64 -7.21 13.36 | 33.49 -7.10 12.81 | 33.37 -8.02 12.08 | 33.51 -7.21 12.70 | 36.01 -7.08 9.35 | 49.08 -7.83 5.72 | 57.02 -8.83 3.69 | 54.34 -8.10 -1.08 | 46.45 -7.00 0.80 | 37.37 -6.81 9.43 | 40.29 -7.06 6.14 | 40.02 -7.43 5.61 |
| DUNKIRK___4 23566 | 40.96 -7.85 2.84 | 37.79 -7.08 0.80 | 36.81 -7.36 3.30 | 36.61 -7.30 2.57 | 36.72 -7.64 5.57 | 40.73 -7.33 -0.44 | 32.06 -6.50 5.39 | 33.76 -6.64 5.39 | 34.23 -6.94 12.23 | 34.66 -6.86 12.52 | 37.15 -6.81 10.11 | 34.13 -7.00 12.73 | 33.64 -7.21 13.36 | 33.49 -7.10 12.81 | 33.37 -8.02 12.08 | 33.51 -7.21 12.70 | 36.01 -7.08 9.35 | 49.08 -7.83 5.72 | 57.02 -8.83 3.69 | 54.34 -8.10 -1.08 | 46.45 -7.00 0.80 | 37.37 -6.81 9.43 | 40.29 -7.06 6.14 | 40.02 -7.43 5.61 |
| EAST HAMPTON___GT 23717 | 68.01 6.66 -9.69 | 62.90 5.71 -11.53 | 63.42 7.69 -8.27 | 58.79 7.48 -4.82 | 57.98 8.14 0.10 | 64.94 7.76 -9.55 | 62.72 6.72 -12.05 | 68.29 6.78 -15.72 | 76.47 9.82 -13.25 | 102.89 9.94 -38.91 | 109.21 10.06 -45.07 | 109.52 10.07 -45.58 | 107.62 10.03 -43.38 | 107.46 9.72 -44.33 | 107.52 9.68 -44.36 | 108.56 9.62 -45.51 | 111.12 9.75 -48.93 | 125.59 12.90 -50.07 | 139.45 14.60 -55.30 | 126.69 12.70 -52.62 | 115.86 11.01 -50.59 | 113.89 10.24 -50.04 | 106.57 9.20 -43.88 | 72.37 8.75 -10.57 |
| EAST RIVER___6 23660 | 65.94 4.60 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.20 3.90 -4.82 | 54.18 4.34 0.10 | 61.65 4.48 -9.55 | 60.21 4.22 -12.05 | 66.00 4.49 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.35 6.22 -18.06 | 78.35 6.25 -18.24 | 75.13 6.23 -14.69 | 69.52 6.04 -10.08 | 66.18 5.94 -6.76 | 63.53 5.77 -4.32 | 76.01 5.82 -17.75 | 95.39 7.76 -25.01 | 99.10 8.97 -20.59 | 93.14 7.73 -24.04 | 87.66 6.73 -26.67 | 79.72 6.33 -19.79 | 66.91 5.72 -7.69 | 62.92 5.25 -4.61 |
| EAST RIVER___7 23524 | 65.94 4.60 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.20 3.90 -4.82 | 54.18 4.34 0.10 | 61.65 4.48 -9.55 | 60.21 4.22 -12.05 | 66.00 4.49 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.35 6.22 -18.06 | 78.35 6.25 -18.24 | 75.13 6.23 -14.69 | 69.52 6.04 -10.08 | 66.18 5.94 -6.76 | 63.53 5.77 -4.32 | 76.01 5.82 -17.75 | 95.39 7.76 -25.01 | 99.10 8.97 -20.59 | 93.14 7.73 -24.04 | 87.66 6.73 -26.67 | 79.72 6.33 -19.79 | 66.91 5.72 -7.69 | 62.92 5.25 -4.61 |
| EAST_HAMPTON___DIESEL 23722 | 68.01 6.66 -9.69 | 62.90 5.71 -11.53 | 63.42 7.69 -8.27 | 58.79 7.48 -4.82 | 57.98 8.14 0.10 | 64.94 7.76 -9.55 | 62.72 6.72 -12.05 | 68.29 6.78 -15.72 | 76.47 9.82 -13.25 | 102.89 9.94 -38.91 | 109.21 10.06 -45.07 | 109.52 10.07 -45.58 | 107.62 10.03 -43.38 | 107.46 9.72 -44.33 | 107.52 9.68 -44.36 | 108.56 9.62 -45.51 | 111.12 9.75 -48.93 | 125.59 12.90 -50.07 | 139.45 14.60 -55.30 | 126.69 12.70 -52.62 | 115.86 11.01 -50.59 | 113.89 10.24 -50.04 | 106.57 9.20 -43.88 | 72.37 8.75 -10.57 |
| EAST_RIVER___1 323558 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.24 6.11 -18.06 | 78.25 6.14 -18.24 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.27 7.64 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| EAST_RIVER___2 323559 | 65.94 4.60 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.20 3.90 -4.82 | 54.18 4.34 0.10 | 61.65 4.48 -9.55 | 60.21 4.22 -12.05 | 66.00 4.49 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.35 6.22 -18.06 | 78.35 6.25 -18.24 | 75.13 6.23 -14.69 | 69.52 6.04 -10.08 | 66.18 5.94 -6.76 | 63.53 5.77 -4.32 | 76.01 5.82 -17.75 | 95.39 7.76 -25.01 | 99.10 8.97 -20.59 | 93.14 7.73 -24.04 | 87.66 6.73 -26.67 | 79.72 6.33 -19.79 | 66.91 5.72 -7.69 | 62.92 5.25 -4.61 |
| EAST___DELAWARE_HYD 23607 | 63.39 3.36 -8.38 | 58.43 2.79 -9.98 | 55.66 2.99 -5.20 | 53.53 2.88 -4.16 | 53.03 3.20 0.10 | 59.08 3.19 -8.27 | 57.35 2.99 -10.41 | 62.90 3.53 -13.59 | 69.46 4.65 -11.43 | 73.67 4.81 -14.83 | 74.75 5.08 -15.60 | 74.72 5.12 -15.75 | 71.92 5.04 -12.67 | 66.95 4.86 -8.68 | 64.05 4.76 -5.81 | 61.88 4.76 -3.70 | 72.60 4.82 -15.33 | 90.51 6.26 -21.63 | 94.66 7.30 -17.81 | 88.57 6.38 -20.82 | 82.88 5.53 -23.09 | 75.85 5.15 -17.10 | 64.68 4.55 -6.64 | 61.00 3.98 -3.97 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| ELEC_TRO_TEK 24086 | 65.63 4.29 -9.69 | 60.71 3.52 -11.53 | 60.10 4.37 -8.27 | 55.54 4.23 -4.82 | 54.53 4.69 0.10 | 61.75 4.57 -9.55 | 60.13 4.13 -12.05 | 65.86 4.35 -15.72 | 72.79 6.14 -13.25 | 99.16 6.21 -38.91 | 105.53 6.38 -45.07 | 105.80 6.36 -45.58 | 103.93 6.34 -43.38 | 103.88 6.14 -44.33 | 103.93 6.10 -44.36 | 104.92 5.98 -45.51 | 107.39 6.03 -48.93 | 120.52 7.83 -50.07 | 133.82 8.97 -55.30 | 121.78 7.79 -52.62 | 111.63 6.78 -50.59 | 110.03 6.38 -50.04 | 103.25 5.88 -43.88 | 69.29 5.68 -10.57 |
| ELLENBURG_WT_PWR 323604 | 50.47 -1.19 0.00 | 44.66 -1.00 0.00 | 46.42 -1.04 0.00 | 45.51 -0.98 0.00 | 48.79 -1.15 0.00 | 46.43 -1.19 0.00 | 42.85 -1.10 0.00 | 44.92 -0.87 0.00 | 51.68 -1.71 0.00 | 52.36 -1.68 0.00 | 52.45 -1.62 0.00 | 52.19 -1.67 0.00 | 52.53 -1.68 0.00 | 51.81 -1.60 0.00 | 52.09 -1.39 0.00 | 51.88 -1.55 0.00 | 50.86 -1.57 0.00 | 60.87 -1.75 0.00 | 67.18 -2.36 0.00 | 59.47 -1.90 0.00 | 52.47 -1.79 0.00 | 51.89 -1.72 0.00 | 51.94 -1.55 0.00 | 51.67 -1.38 0.00 |
| E_CANADA_CAP_HY 24051 | 69.88 2.63 -15.59 | 66.49 2.28 -18.54 | 59.49 2.33 -9.70 | 56.52 2.28 -7.76 | 52.12 2.30 0.12 | 65.17 2.19 -15.35 | 65.38 2.02 -19.41 | 72.61 1.51 -25.31 | 76.70 1.92 -21.39 | 84.23 2.49 -27.71 | 85.72 2.54 -29.10 | 85.76 2.48 -29.42 | 80.03 2.11 -23.71 | 71.89 2.19 -16.29 | 66.84 2.41 -10.96 | 62.66 2.19 -7.04 | 82.72 1.68 -28.60 | 105.36 2.50 -40.24 | 105.45 2.78 -33.12 | 102.28 2.27 -38.64 | 99.20 2.06 -42.88 | 87.36 1.88 -31.88 | 68.31 2.41 -12.41 | 62.73 2.23 -7.45 |
| E_CANADA_MHWK_HY 24050 | 53.33 1.91 0.24 | 46.98 1.60 0.28 | 48.98 1.66 0.15 | 47.95 1.58 0.12 | 51.63 1.70 0.00 | 49.01 1.62 0.23 | 45.27 1.63 0.30 | 47.28 1.88 0.39 | 55.57 2.51 0.33 | 56.31 2.70 0.43 | 56.50 2.87 0.45 | 56.26 2.85 0.45 | 56.61 2.76 0.37 | 55.77 2.62 0.25 | 55.77 2.46 0.17 | 55.89 2.56 0.11 | 54.67 2.67 0.44 | 65.45 3.44 0.61 | 73.08 4.03 0.51 | 64.28 3.50 0.59 | 56.64 3.04 0.65 | 55.91 2.79 0.49 | 55.76 2.46 0.19 | 55.16 2.23 0.12 |
| E_FISHKILL___LBMP 23776 | 65.22 3.72 -9.84 | 60.48 3.10 -11.72 | 56.91 3.32 -6.12 | 54.63 3.25 -4.89 | 53.44 3.60 0.10 | 60.95 3.62 -9.70 | 59.62 3.43 -12.25 | 65.52 3.75 -15.98 | 71.67 4.81 -13.47 | 76.42 4.92 -17.46 | 77.51 5.08 -18.35 | 77.47 5.06 -18.54 | 74.18 5.04 -14.93 | 68.57 4.91 -10.25 | 65.17 4.81 -6.88 | 62.59 4.76 -4.40 | 75.25 4.77 -18.04 | 94.29 6.26 -25.41 | 97.63 7.16 -20.92 | 92.06 6.26 -24.43 | 86.78 5.43 -27.10 | 78.81 5.09 -20.11 | 65.97 4.65 -7.82 | 62.14 4.40 -4.69 |
| FAR ROCKAWAY___4 23548 | 66.87 5.53 -9.69 | 61.76 4.57 -11.53 | 61.24 5.51 -8.27 | 56.65 5.35 -4.82 | 55.68 5.84 0.10 | 62.84 5.67 -9.55 | 61.18 5.19 -12.05 | 66.96 5.45 -15.72 | 74.23 7.58 -13.25 | 100.67 7.73 -38.91 | 106.99 7.84 -45.07 | 107.31 7.86 -45.58 | 105.45 7.86 -43.38 | 105.38 7.64 -44.33 | 105.38 7.54 -44.36 | 106.42 7.48 -45.51 | 108.86 7.50 -48.93 | 122.46 9.77 -50.07 | 136.04 11.20 -55.30 | 123.75 9.76 -52.62 | 113.37 8.52 -50.59 | 111.69 8.04 -50.04 | 104.75 7.38 -43.88 | 70.67 7.06 -10.57 |
| FARRAGUT___LBMP 323566 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.07 3.77 -4.82 | 54.03 4.19 0.10 | 61.41 4.24 -9.55 | 60.00 4.00 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 66.01 5.78 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.75 5.56 -7.69 | 62.86 5.20 -4.61 |
| FENNER___WINDPWR 24204 | 51.94 -0.21 -0.49 | 46.01 -0.23 -0.58 | 47.53 -0.24 -0.31 | 46.45 -0.28 -0.24 | 49.64 -0.30 0.00 | 47.82 -0.29 -0.48 | 44.42 -0.13 -0.61 | 46.72 0.14 -0.79 | 54.49 0.43 -0.68 | 55.56 0.65 -0.87 | 55.69 0.70 -0.92 | 55.49 0.70 -0.93 | 55.56 0.60 -0.75 | 54.46 0.53 -0.52 | 54.09 0.27 -0.35 | 54.09 0.43 -0.23 | 53.86 0.52 -0.90 | 64.88 1.00 -1.26 | 71.77 1.18 -1.04 | 63.50 0.92 -1.21 | 56.41 0.81 -1.34 | 55.14 0.54 -1.00 | 54.21 0.32 -0.39 | 53.24 -0.05 -0.24 |
| FIBERTEK___ENERGY 23856 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| FITZPATRICK____ 23598 | 50.42 -1.81 -0.58 | 44.75 -1.60 -0.68 | 46.16 -1.66 -0.36 | 45.15 -1.63 -0.29 | 48.19 -1.75 0.00 | 46.52 -1.67 -0.56 | 43.17 -1.49 -0.72 | 45.21 -1.51 -0.94 | 52.69 -1.49 -0.80 | 53.61 -1.46 -1.03 | 53.69 -1.46 -1.08 | 53.50 -1.45 -1.09 | 53.58 -1.52 -0.88 | 52.47 -1.55 -0.61 | 52.18 -1.71 -0.41 | 52.15 -1.55 -0.27 | 51.98 -1.52 -1.06 | 62.41 -1.69 -1.49 | 68.89 -1.88 -1.22 | 61.07 -1.72 -1.42 | 54.37 -1.46 -1.58 | 53.29 -1.50 -1.18 | 52.35 -1.60 -0.46 | 51.63 -1.70 -0.28 |
| FORT ORANGE____ 23900 | 67.34 3.51 -12.17 | 63.15 3.06 -14.43 | 58.24 3.18 -7.60 | 55.67 3.11 -6.07 | 53.23 3.30 0.00 | 62.74 3.19 -11.93 | 62.11 2.99 -15.18 | 68.62 3.07 -19.77 | 73.42 3.20 -16.83 | 78.97 3.19 -21.75 | 80.00 3.14 -22.79 | 79.96 3.02 -23.08 | 75.84 2.98 -18.65 | 69.27 2.99 -12.87 | 65.19 2.99 -8.71 | 62.05 2.94 -5.68 | 77.66 2.83 -22.39 | 97.51 3.51 -31.38 | 99.32 3.96 -25.81 | 94.83 3.44 -30.03 | 90.59 2.98 -33.35 | 81.49 2.95 -24.94 | 66.24 3.00 -9.75 | 61.91 2.97 -5.89 |
| FORT_DRUM_COGEN 23780 | 49.29 -2.69 -0.33 | 43.67 -2.37 -0.39 | 45.20 -2.47 -0.20 | 44.23 -2.42 -0.16 | 47.29 -2.65 0.00 | 45.28 -2.67 -0.32 | 42.16 -2.20 -0.41 | 45.13 -1.19 -0.53 | 52.03 -1.82 -0.45 | 53.81 -0.81 -0.58 | 53.99 -0.70 -0.61 | 53.83 -0.65 -0.62 | 53.03 -1.68 -0.50 | 52.05 -1.71 -0.35 | 51.62 -2.09 -0.23 | 51.61 -1.98 -0.15 | 51.31 -1.73 -0.60 | 62.15 -1.32 -0.84 | 68.92 -1.32 -0.69 | 61.68 -0.49 -0.81 | 54.56 -0.60 -0.90 | 52.51 -1.77 -0.67 | 51.78 -1.98 -0.26 | 50.77 -2.44 -0.16 |
| FPL FAR_ROCK_GT1 24212 | 66.87 5.53 -9.69 | 61.76 4.57 -11.53 | 61.24 5.51 -8.27 | 56.65 5.35 -4.82 | 55.68 5.84 0.10 | 62.84 5.67 -9.55 | 61.18 5.19 -12.05 | 66.96 5.45 -15.72 | 74.23 7.58 -13.25 | 100.67 7.73 -38.91 | 106.99 7.84 -45.07 | 107.31 7.86 -45.58 | 105.45 7.86 -43.38 | 105.38 7.64 -44.33 | 105.38 7.54 -44.36 | 106.42 7.48 -45.51 | 108.86 7.50 -48.93 | 122.46 9.77 -50.07 | 136.04 11.20 -55.30 | 123.75 9.76 -52.62 | 113.37 8.52 -50.59 | 111.69 8.04 -50.04 | 104.75 7.38 -43.88 | 70.67 7.06 -10.57 |
| FPL FAR_ROCK_GT2 23815 | 66.87 5.53 -9.69 | 61.76 4.57 -11.53 | 61.24 5.51 -8.27 | 56.65 5.35 -4.82 | 55.68 5.84 0.10 | 62.84 5.67 -9.55 | 61.18 5.19 -12.05 | 66.96 5.45 -15.72 | 74.23 7.58 -13.25 | 100.67 7.73 -38.91 | 106.99 7.84 -45.07 | 107.31 7.86 -45.58 | 105.45 7.86 -43.38 | 105.38 7.64 -44.33 | 105.38 7.54 -44.36 | 106.42 7.48 -45.51 | 108.86 7.50 -48.93 | 122.46 9.77 -50.07 | 136.04 11.20 -55.30 | 123.75 9.76 -52.62 | 113.37 8.52 -50.59 | 111.69 8.04 -50.04 | 104.75 7.38 -43.88 | 70.67 7.06 -10.57 |
| FRANKLIN_FALL_HYD 24054 | 50.78 -0.88 0.00 | 44.98 -0.68 0.00 | 46.71 -0.76 0.00 | 45.88 -0.60 0.00 | 49.14 -0.80 0.00 | 46.77 -0.86 0.00 | 43.29 -0.66 0.00 | 45.88 0.09 0.00 | 52.54 -0.85 0.00 | 53.44 -0.59 0.00 | 53.59 -0.49 0.00 | 53.32 -0.54 0.00 | 53.34 -0.87 0.00 | 52.61 -0.80 0.00 | 52.78 -0.70 0.00 | 52.63 -0.80 0.00 | 51.70 -0.73 0.00 | 62.24 -0.38 0.00 | 68.50 -1.04 0.00 | 60.88 -0.49 0.00 | 53.55 -0.71 0.00 | 52.64 -0.96 0.00 | 52.64 -0.86 0.00 | 52.10 -0.95 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 66.25 4.91 -9.69 | 61.21 4.02 -11.53 | 60.72 4.98 -8.27 | 56.19 4.88 -4.82 | 55.18 5.34 0.10 | 62.32 5.14 -9.55 | 60.70 4.70 -12.05 | 66.41 4.90 -15.72 | 73.53 6.89 -13.25 | 99.92 6.97 -38.91 | 106.23 7.08 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.63 6.79 -44.36 | 105.67 6.73 -45.51 | 108.13 6.76 -48.93 | 121.27 8.58 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.34 7.49 -50.59 | 110.83 7.18 -50.04 | 104.00 6.63 -43.88 | 70.04 6.42 -10.57 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| FULTON COGEN____ 23766 | 51.10 -1.29 -0.74 | 45.35 -1.19 -0.88 | 46.69 -1.23 -0.46 | 45.65 -1.21 -0.37 | 48.64 -1.30 0.00 | 47.11 -1.24 -0.73 | 43.86 -1.01 -0.92 | 46.03 -0.96 -1.20 | 53.61 -0.80 -1.02 | 54.82 -0.54 -1.32 | 54.98 -0.49 -1.39 | 54.78 -0.48 -1.40 | 54.64 -0.70 -1.14 | 53.44 -0.75 -0.78 | 53.04 -0.96 -0.53 | 52.98 -0.80 -0.35 | 53.07 -0.73 -1.36 | 63.90 -0.63 -1.91 | 70.42 -0.70 -1.57 | 62.64 -0.55 -1.83 | 55.80 -0.49 -2.03 | 54.37 -0.75 -1.52 | 53.18 -0.91 -0.59 | 52.30 -1.11 -0.36 |
| Freeport____CT2 23818 | 66.25 4.91 -9.69 | 61.21 4.02 -11.53 | 60.72 4.98 -8.27 | 56.19 4.88 -4.82 | 55.18 5.34 0.10 | 62.32 5.14 -9.55 | 60.70 4.70 -12.05 | 66.41 4.90 -15.72 | 73.53 6.89 -13.25 | 99.92 6.97 -38.91 | 106.23 7.08 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.63 6.79 -44.36 | 105.67 6.73 -45.51 | 108.13 6.76 -48.93 | 121.27 8.58 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.34 7.49 -50.59 | 110.83 7.18 -50.04 | 104.00 6.63 -43.88 | 70.04 6.42 -10.57 |
| G.F.CEMENT____DRP 24184 | 68.55 4.18 -12.71 | 64.39 3.65 -15.07 | 59.06 3.65 -7.93 | 56.41 3.58 -6.34 | 53.63 3.70 0.00 | 63.61 3.52 -12.46 | 63.31 3.52 -15.85 | 69.69 3.25 -20.65 | 74.54 3.58 -17.58 | 80.80 4.05 -22.71 | 82.31 4.43 -23.80 | 82.44 4.47 -24.11 | 77.92 4.23 -19.48 | 70.91 4.06 -13.45 | 66.75 4.17 -9.10 | 63.42 4.06 -5.93 | 79.60 3.78 -23.39 | 99.84 4.45 -32.78 | 101.51 5.01 -26.96 | 97.33 4.60 -31.36 | 93.16 4.07 -34.84 | 83.62 3.97 -26.05 | 68.12 4.44 -10.18 | 63.71 4.51 -6.15 |
| GARDENVILLE____LBMP 24039 | 41.37 -6.66 3.62 | 38.26 -6.03 1.37 | 37.21 -6.27 3.99 | 37.19 -6.18 3.11 | 37.18 -6.44 6.31 | 41.44 -6.29 -0.11 | 31.46 -5.89 6.60 | 33.04 -6.00 6.75 | 33.23 -5.77 14.40 | 33.48 -5.67 14.89 | 36.15 -5.73 12.19 | 32.88 -5.82 15.17 | 32.50 -5.96 15.74 | 32.55 -5.93 14.93 | 32.29 -7.22 13.97 | 32.82 -6.04 14.57 | 35.25 -5.87 11.32 | 48.36 -6.76 7.50 | 56.53 -8.00 5.02 | 54.12 -7.49 -0.24 | 46.13 -6.13 1.99 | 36.44 -5.68 11.49 | 40.49 -5.72 7.28 | 40.35 -6.15 6.55 |
| GENERAL____MILLS 23808 | 41.67 -6.51 3.48 | 38.50 -5.89 1.27 | 37.48 -6.12 3.86 | 37.43 -6.04 3.01 | 37.53 -6.24 6.17 | 41.64 -6.14 -0.16 | 31.82 -5.76 6.37 | 33.42 -5.86 6.51 | 33.80 -5.61 13.99 | 34.08 -5.51 14.44 | 36.75 -5.52 11.81 | 33.50 -5.66 14.71 | 33.12 -5.80 15.29 | 33.16 -5.71 14.53 | 32.81 -7.06 13.61 | 33.39 -5.82 14.21 | 35.77 -5.72 10.95 | 48.93 -6.51 7.18 | 57.04 -7.72 4.78 | 54.50 -7.24 -0.38 | 46.50 -5.97 1.79 | 36.98 -5.52 11.11 | 40.87 -5.56 7.06 | 40.74 -5.94 6.37 |
| GE_PLASTICS____DRP 24183 | 66.26 2.32 -12.28 | 62.51 2.28 -14.57 | 57.51 2.37 -7.67 | 54.94 2.32 -6.13 | 52.43 2.50 0.00 | 62.05 2.38 -12.04 | 61.46 2.20 -15.32 | 68.03 2.29 -19.95 | 72.94 2.56 -16.99 | 78.31 2.32 -21.95 | 79.19 2.11 -23.00 | 79.10 1.94 -23.30 | 74.99 1.95 -18.82 | 68.33 1.92 -12.99 | 64.14 1.87 -8.80 | 61.03 1.87 -5.73 | 76.87 1.84 -22.60 | 96.49 2.19 -31.67 | 98.10 2.50 -26.05 | 93.82 2.15 -30.31 | 89.88 1.95 -33.67 | 80.65 1.88 -25.17 | 65.37 2.03 -9.84 | 61.17 2.18 -5.94 |
| GILBOA____1 23756 | 63.21 2.12 -9.43 | 58.86 1.96 -11.24 | 55.36 2.04 -5.86 | 53.17 2.00 -4.68 | 52.02 2.20 0.12 | 58.94 2.00 -9.31 | 57.47 1.80 -11.73 | 63.06 1.97 -15.31 | 68.72 2.46 -12.87 | 73.22 2.49 -16.70 | 74.18 2.54 -17.57 | 74.08 2.48 -17.74 | 70.97 2.49 -14.27 | 65.59 2.40 -9.77 | 62.37 2.35 -6.55 | 59.95 2.35 -4.16 | 72.07 2.36 -17.27 | 89.86 2.88 -24.36 | 92.80 3.20 -20.06 | 87.70 2.88 -23.45 | 82.92 2.66 -26.00 | 75.33 2.47 -19.26 | 63.27 2.30 -7.48 | 59.75 2.23 -4.47 |
| GILBOA____2 23757 | 63.21 2.12 -9.43 | 58.86 1.96 -11.24 | 55.36 2.04 -5.86 | 53.17 2.00 -4.68 | 52.02 2.20 0.12 | 58.94 2.00 -9.31 | 57.47 1.80 -11.73 | 63.06 1.97 -15.31 | 68.72 2.46 -12.87 | 73.22 2.49 -16.70 | 74.18 2.54 -17.57 | 74.08 2.48 -17.74 | 70.97 2.49 -14.27 | 65.59 2.40 -9.77 | 62.37 2.35 -6.55 | 59.95 2.35 -4.16 | 72.07 2.36 -17.27 | 89.86 2.88 -24.36 | 92.80 3.20 -20.06 | 87.70 2.88 -23.45 | 82.92 2.66 -26.00 | 75.33 2.47 -19.26 | 63.27 2.30 -7.48 | 59.75 2.23 -4.47 |
| GILBOA____3 23758 | 63.21 2.12 -9.43 | 58.86 1.96 -11.24 | 55.36 2.04 -5.86 | 53.17 2.00 -4.68 | 52.02 2.20 0.12 | 58.94 2.00 -9.31 | 57.47 1.80 -11.73 | 63.06 1.97 -15.31 | 68.72 2.46 -12.87 | 73.22 2.49 -16.70 | 74.18 2.54 -17.57 | 74.08 2.48 -17.74 | 70.97 2.49 -14.27 | 65.59 2.40 -9.77 | 62.37 2.35 -6.55 | 59.95 2.35 -4.16 | 72.07 2.36 -17.27 | 89.86 2.88 -24.36 | 92.80 3.20 -20.06 | 87.70 2.88 -23.45 | 82.92 2.66 -26.00 | 75.33 2.47 -19.26 | 63.27 2.30 -7.48 | 59.75 2.23 -4.47 |
| GILBOA____4 23759 | 63.21 2.12 -9.43 | 58.86 1.96 -11.24 | 55.36 2.04 -5.86 | 53.17 2.00 -4.68 | 52.02 2.20 0.12 | 58.94 2.00 -9.31 | 57.47 1.80 -11.73 | 63.06 1.97 -15.31 | 68.72 2.46 -12.87 | 73.22 2.49 -16.70 | 74.18 2.54 -17.57 | 74.08 2.48 -17.74 | 70.97 2.49 -14.27 | 65.59 2.40 -9.77 | 62.37 2.35 -6.55 | 59.95 2.35 -4.16 | 72.07 2.36 -17.27 | 89.86 2.88 -24.36 | 92.80 3.20 -20.06 | 87.70 2.88 -23.45 | 82.92 2.66 -26.00 | 75.33 2.47 -19.26 | 63.27 2.30 -7.48 | 59.75 2.23 -4.47 |
| GILBOA____ 23599 | 63.21 2.12 -9.43 | 58.86 1.96 -11.24 | 55.36 2.04 -5.86 | 53.17 2.00 -4.68 | 52.02 2.20 0.12 | 58.94 2.00 -9.31 | 57.47 1.80 -11.73 | 63.06 1.97 -15.31 | 68.72 2.46 -12.87 | 73.22 2.49 -16.70 | 74.18 2.54 -17.57 | 74.08 2.48 -17.74 | 70.97 2.49 -14.27 | 65.59 2.40 -9.77 | 62.37 2.35 -6.55 | 59.95 2.35 -4.16 | 72.07 2.36 -17.27 | 89.86 2.88 -24.36 | 92.80 3.20 -20.06 | 87.70 2.88 -23.45 | 82.92 2.66 -26.00 | 75.33 2.47 -19.26 | 63.27 2.30 -7.48 | 59.75 2.23 -4.47 |
| GINNA____ 23603 | 39.88 -6.87 4.91 | 37.26 -5.98 2.42 | 36.12 -6.27 5.08 | 36.38 -6.14 3.97 | 35.99 -6.59 7.35 | 40.83 -6.24 0.55 | 29.95 -5.45 8.55 | 31.12 -5.68 8.99 | 30.48 -5.18 17.73 | 30.43 -5.03 18.58 | 33.49 -5.08 15.50 | 29.81 -5.06 18.98 | 29.60 -5.20 19.40 | 30.04 -5.23 18.13 | 30.50 -6.20 16.77 | 30.78 -5.34 17.30 | 32.84 -5.14 14.46 | 45.97 -6.14 10.52 | 55.28 -6.95 7.32 | 53.38 -6.57 1.43 | 44.66 -5.37 4.22 | 33.76 -5.04 14.80 | 39.11 -5.35 9.03 | 39.25 -5.84 7.96 |
| GLEN PARK____ 23778 | 49.55 -2.48 -0.37 | 43.87 -2.24 -0.44 | 45.42 -2.28 -0.23 | 44.44 -2.23 -0.19 | 47.49 -2.45 0.00 | 45.51 -2.48 -0.37 | 42.44 -1.98 -0.47 | 45.34 -1.05 -0.61 | 52.36 -1.55 -0.52 | 54.16 -0.54 -0.67 | 54.34 -0.43 -0.70 | 54.19 -0.38 -0.71 | 53.43 -1.36 -0.57 | 52.42 -1.39 -0.40 | 51.93 -1.82 -0.27 | 51.95 -1.66 -0.17 | 51.71 -1.42 -0.69 | 62.71 -0.88 -0.96 | 69.51 -0.83 -0.79 | 62.17 -0.12 -0.92 | 54.96 -0.33 -1.03 | 52.87 -1.50 -0.77 | 52.08 -1.71 -0.30 | 51.00 -2.23 -0.18 |
| GLENWOOD_IC_1_G5 23712 | 65.99 4.65 -9.69 | 60.98 3.79 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 61.89 4.71 -9.55 | 60.35 4.35 -12.05 | 66.14 4.62 -15.72 | 72.95 6.30 -13.25 | 99.38 6.43 -38.91 | 105.80 6.65 -45.07 | 106.07 6.62 -45.58 | 104.15 6.56 -43.38 | 104.15 6.41 -44.33 | 104.15 6.31 -44.36 | 105.19 6.25 -45.51 | 107.60 6.24 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 111.96 7.11 -50.59 | 110.35 6.70 -50.04 | 103.52 6.15 -43.88 | 69.45 5.84 -10.57 |
| GLENWOOD_IC_2_G1 23688 | 65.73 4.39 -9.69 | 60.85 3.65 -11.53 | 59.91 4.18 -8.27 | 55.35 4.04 -4.82 | 54.33 4.49 0.10 | 61.61 4.43 -9.55 | 60.13 4.13 -12.05 | 65.95 4.44 -15.72 | 72.57 5.93 -13.25 | 99.00 6.05 -38.91 | 105.42 6.27 -45.07 | 105.69 6.25 -45.58 | 103.83 6.23 -43.38 | 103.77 6.04 -44.33 | 103.83 5.99 -44.36 | 104.82 5.88 -45.51 | 107.24 5.87 -48.93 | 120.39 7.70 -50.07 | 133.75 8.90 -55.30 | 121.72 7.73 -52.62 | 111.58 6.73 -50.59 | 109.97 6.33 -50.04 | 103.15 5.78 -43.88 | 69.08 5.46 -10.57 |
| GLENWOOD_IC_3_G1 23689 | 65.73 4.39 -9.69 | 60.85 3.65 -11.53 | 59.91 4.18 -8.27 | 55.35 4.04 -4.82 | 54.33 4.49 0.10 | 61.61 4.43 -9.55 | 60.13 4.13 -12.05 | 65.95 4.44 -15.72 | 72.57 5.93 -13.25 | 99.00 6.05 -38.91 | 105.42 6.27 -45.07 | 105.69 6.25 -45.58 | 103.83 6.23 -43.38 | 103.77 6.04 -44.33 | 103.83 5.99 -44.36 | 104.82 5.88 -45.51 | 107.24 5.87 -48.93 | 120.39 7.70 -50.07 | 133.75 8.90 -55.30 | 121.72 7.73 -52.62 | 111.58 6.73 -50.59 | 109.97 6.33 -50.04 | 103.15 5.78 -43.88 | 69.08 5.46 -10.57 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| GLENWOOD___4 23550 | 65.99 4.65 -9.69 | 60.98 3.79 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 61.89 4.71 -9.55 | 60.35 4.35 -12.05 | 66.14 4.62 -15.72 | 72.95 6.30 -13.25 | 99.38 6.43 -38.91 | 105.80 6.65 -45.07 | 106.07 6.62 -45.58 | 104.15 6.56 -43.38 | 104.15 6.41 -44.33 | 104.15 6.31 -44.36 | 105.19 6.25 -45.51 | 107.60 6.24 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 111.96 7.11 -50.59 | 110.35 6.70 -50.04 | 103.52 6.15 -43.88 | 69.45 5.84 -10.57 |
| GLENWOOD___5 23614 | 65.99 4.65 -9.69 | 60.98 3.79 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 61.89 4.71 -9.55 | 60.35 4.35 -12.05 | 66.14 4.62 -15.72 | 72.95 6.30 -13.25 | 99.38 6.43 -38.91 | 105.80 6.65 -45.07 | 106.07 6.62 -45.58 | 104.15 6.56 -43.38 | 104.15 6.41 -44.33 | 104.15 6.31 -44.36 | 105.19 6.25 -45.51 | 107.60 6.24 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 111.96 7.11 -50.59 | 110.35 6.70 -50.04 | 103.52 6.15 -43.88 | 69.45 5.84 -10.57 |
| GLOBAL GREEN_PORT_GT1 23814 | 68.01 6.66 -9.69 | 62.95 5.75 -11.53 | 63.42 7.69 -8.27 | 58.84 7.53 -4.82 | 57.98 8.14 0.10 | 64.99 7.81 -9.55 | 62.77 6.77 -12.05 | 68.34 6.82 -15.72 | 76.52 9.88 -13.25 | 102.94 10.00 -38.91 | 109.26 10.11 -45.07 | 109.57 10.13 -45.58 | 107.62 10.03 -43.38 | 107.51 9.77 -44.33 | 107.52 9.68 -44.36 | 108.56 9.62 -45.51 | 111.12 9.75 -48.93 | 125.59 12.90 -50.07 | 139.52 14.67 -55.30 | 126.75 12.76 -52.62 | 115.86 11.01 -50.59 | 113.94 10.29 -50.04 | 106.62 9.25 -43.88 | 72.42 8.81 -10.57 |
| GOETHSLN___LBMP 323567 | 70.01 4.29 -14.07 | 63.15 3.47 -14.02 | 60.15 3.80 -8.89 | 58.14 3.72 -7.94 | 55.48 4.14 -1.40 | 61.37 4.19 -9.55 | 59.95 3.96 -12.05 | 65.81 4.30 -15.72 | 72.38 5.55 -13.43 | 80.27 5.67 -20.56 | 81.64 5.95 -21.62 | 81.70 5.98 -21.86 | 79.02 5.91 -18.90 | 73.88 5.71 -14.75 | 70.83 5.67 -11.68 | 68.41 5.56 -9.42 | 79.87 5.56 -21.87 | 97.86 7.45 -27.79 | 101.62 8.55 -23.51 | 95.83 7.43 -27.04 | 90.92 6.46 -30.21 | 83.37 6.06 -23.70 | 71.79 5.46 -12.84 | 68.12 5.15 -9.92 |
| GOUDEY___7 23579 | 53.13 -1.24 -2.72 | 47.97 -1.19 -3.50 | 47.77 -1.23 -1.53 | 46.46 -1.26 -1.23 | 48.10 -1.25 0.59 | 49.44 -1.19 -3.01 | 46.17 -0.97 -3.19 | 49.34 -0.78 -4.33 | 55.63 -0.64 -2.88 | 57.56 -0.54 -4.07 | 58.23 -0.43 -4.58 | 57.70 -0.54 -4.38 | 56.77 -0.65 -3.21 | 54.55 -0.69 -1.83 | 53.45 -0.91 -0.88 | 52.69 -0.80 -0.06 | 56.32 -0.68 -4.56 | 69.42 -0.38 -7.18 | 75.28 -0.28 -6.01 | 68.63 -0.31 -7.57 | 62.12 -0.33 -8.19 | 58.26 -0.54 -5.19 | 54.46 -0.80 -1.77 | 52.86 -1.06 -0.87 |
| GOUDEY___8 23580 | 53.08 -1.29 -2.72 | 47.92 -1.23 -3.50 | 47.72 -1.28 -1.53 | 46.46 -1.26 -1.23 | 48.05 -1.30 0.59 | 49.39 -1.24 -3.01 | 46.13 -1.01 -3.19 | 49.30 -0.82 -4.33 | 55.57 -0.69 -2.88 | 57.51 -0.59 -4.07 | 58.17 -0.49 -4.58 | 57.64 -0.59 -4.38 | 56.71 -0.70 -3.21 | 54.49 -0.75 -1.83 | 53.39 -0.96 -0.88 | 52.64 -0.85 -0.06 | 56.27 -0.73 -4.56 | 69.36 -0.44 -7.18 | 75.21 -0.35 -6.01 | 68.57 -0.37 -7.57 | 62.07 -0.38 -8.19 | 58.20 -0.59 -5.19 | 54.40 -0.86 -1.77 | 52.86 -1.06 -0.87 |
| GOWANUS_GT1_1 24077 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_2 24078 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_3 24079 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_4 24080 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_5 24084 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_6 24111 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_7 24112 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT1_8 24113 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_1 24114 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_2 24115 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |

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|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT2_3 24116 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.31 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_4 24117 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_5 24118 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_6 24119 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_7 24120 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT2_8 24121 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_1 24122 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_2 24123 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_3 24124 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_4 24125 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_5 24126 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_6 24127 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_7 24128 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT3_8 24129 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_1 24130 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_2 24131 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 87.33 4.54 -15.18 | 69.66 4.57 -9.56 | 61.76 4.57 -12.06 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |

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| GOWANUS_GT4_3 24132 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_4 24133 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_5 24134 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_6 24135 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_7 24136 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GOWANUS_GT4_8 24137 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| GREENIDGE___3 23582 | 49.62 -3.98 -1.95 | 44.41 -3.56 -2.31 | 44.98 -3.70 -1.22 | 43.78 -3.67 -0.97 | 46.04 -3.90 0.00 | 45.87 -3.67 -1.91 | 43.17 -3.21 -2.43 | 45.93 -3.02 -3.16 | 53.25 -2.83 -2.69 | 54.87 -2.65 -3.48 | 55.13 -2.60 -3.65 | 54.86 -2.69 -3.69 | 54.38 -2.82 -2.98 | 52.58 -2.88 -2.06 | 51.34 -3.53 -1.39 | 51.30 -3.05 -0.91 | 53.19 -2.83 -3.58 | 64.82 -2.82 -5.02 | 70.55 -3.13 -4.13 | 63.11 -3.07 -4.81 | 56.99 -2.60 -5.34 | 54.92 -2.68 -3.99 | 52.00 -3.05 -1.56 | 50.49 -3.50 -0.94 |
| GREENIDGE___4 23583 | 49.62 -3.98 -1.95 | 44.41 -3.56 -2.31 | 44.98 -3.70 -1.22 | 43.78 -3.67 -0.97 | 46.04 -3.90 0.00 | 45.87 -3.67 -1.91 | 43.17 -3.21 -2.43 | 45.93 -3.02 -3.16 | 53.25 -2.83 -2.69 | 54.87 -2.65 -3.48 | 55.13 -2.60 -3.65 | 54.86 -2.69 -3.69 | 54.38 -2.82 -2.98 | 52.58 -2.88 -2.06 | 51.34 -3.53 -1.39 | 51.30 -3.05 -0.91 | 53.19 -2.83 -3.58 | 64.82 -2.82 -5.02 | 70.55 -3.13 -4.13 | 63.11 -3.07 -4.81 | 56.99 -2.60 -5.34 | 54.92 -2.68 -3.99 | 52.00 -3.05 -1.56 | 50.49 -3.50 -0.94 |
| GROVEVILLE___HYD 323602 | 65.23 3.67 -9.91 | 60.47 3.01 -11.79 | 56.90 3.28 -6.16 | 54.57 3.16 -4.93 | 53.39 3.55 0.09 | 60.96 3.57 -9.77 | 59.61 3.34 -12.33 | 65.72 3.85 -16.08 | 72.02 5.07 -13.56 | 76.80 5.19 -17.58 | 77.96 5.41 -18.48 | 77.91 5.39 -18.67 | 74.61 5.37 -15.03 | 68.90 5.18 -10.32 | 65.54 5.13 -6.93 | 62.94 5.08 -4.43 | 75.69 5.09 -18.16 | 94.90 6.70 -25.58 | 98.39 7.79 -21.06 | 92.71 6.75 -24.59 | 87.39 5.86 -27.28 | 79.32 5.47 -20.24 | 66.23 4.87 -7.87 | 62.12 4.35 -4.72 |
| HAMPSHIRE___PAPER_HYD 323593 | 49.64 -2.01 0.00 | 43.93 -1.74 0.00 | 45.66 -1.80 0.00 | 44.76 -1.72 0.00 | 47.99 -1.95 0.00 | 45.62 -2.00 0.00 | 42.14 -1.80 0.00 | 45.10 -0.69 0.00 | 51.58 -1.82 0.00 | 53.17 -0.86 0.00 | 53.26 -0.81 0.00 | 53.11 -0.75 0.00 | 52.37 -1.84 0.00 | 51.59 -1.82 0.00 | 51.55 -1.93 0.00 | 51.51 -1.92 0.00 | 50.60 -1.84 0.00 | 60.99 -1.63 0.00 | 67.67 -1.88 0.00 | 60.63 -0.74 0.00 | 53.50 -0.76 0.00 | 51.73 -1.88 0.00 | 51.78 -1.71 0.00 | 51.20 -1.86 0.00 |
| HARZA MOOSE___RIVER 24016 | 50.72 -0.93 0.00 | 44.84 -0.82 0.00 | 46.61 -0.85 0.00 | 45.65 -0.84 0.00 | 48.99 -0.95 0.00 | 46.67 -0.95 0.00 | 43.16 -0.79 0.00 | 45.47 -0.32 0.00 | 52.86 -0.53 0.00 | 53.98 -0.05 0.00 | 54.08 0.00 0.00 | 53.91 0.05 0.00 | 53.83 -0.38 0.00 | 53.03 -0.37 0.00 | 52.83 -0.64 0.00 | 52.90 -0.53 0.00 | 52.02 -0.42 0.00 | 62.43 -0.19 0.00 | 69.41 -0.14 0.00 | 61.49 0.12 0.00 | 54.31 0.05 0.00 | 53.18 -0.43 0.00 | 52.96 -0.53 0.00 | 52.20 -0.85 0.00 |
| HEMPSTEAD____ 23647 | 65.94 4.60 -9.69 | 60.98 3.79 -11.53 | 60.38 4.65 -8.27 | 55.82 4.51 -4.82 | 54.78 4.94 0.10 | 61.99 4.81 -9.55 | 60.39 4.39 -12.05 | 66.14 4.62 -15.72 | 73.11 6.46 -13.25 | 99.49 6.54 -38.91 | 105.85 6.71 -45.07 | 106.12 6.68 -45.58 | 104.26 6.67 -43.38 | 104.20 6.46 -44.33 | 104.20 6.36 -44.36 | 105.24 6.30 -45.51 | 107.71 6.34 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 112.01 7.16 -50.59 | 110.40 6.75 -50.04 | 103.58 6.21 -43.88 | 69.61 5.99 -10.57 |
| HICKLING___1 23621 | 51.24 -2.38 -1.97 | 46.10 -2.19 -2.63 | 46.19 -2.33 -1.05 | 45.01 -2.32 -0.85 | 46.90 -2.40 0.64 | 47.69 -2.24 -2.30 | 44.34 -1.85 -2.24 | 47.43 -1.47 -3.11 | 53.82 -1.33 -1.76 | 55.61 -1.08 -2.66 | 56.18 -1.03 -3.13 | 55.51 -1.24 -2.89 | 54.83 -1.36 -1.98 | 52.92 -1.44 -0.95 | 51.91 -1.82 -0.25 | 51.44 -1.60 0.39 | 54.11 -1.47 -3.14 | 67.06 -0.81 -5.26 | 73.22 -0.77 -4.44 | 66.29 -0.86 -5.79 | 59.64 -0.81 -6.20 | 56.10 -1.13 -3.62 | 53.07 -1.55 -1.13 | 51.55 -1.96 -0.46 |
| HICKLING___2 23622 | 51.24 -2.38 -1.97 | 46.10 -2.19 -2.63 | 46.19 -2.33 -1.05 | 45.01 -2.32 -0.85 | 46.90 -2.40 0.64 | 47.69 -2.24 -2.30 | 44.34 -1.85 -2.24 | 47.43 -1.47 -3.11 | 53.82 -1.33 -1.76 | 55.61 -1.08 -2.66 | 56.18 -1.03 -3.13 | 55.51 -1.24 -2.89 | 54.83 -1.36 -1.98 | 52.92 -1.44 -0.95 | 51.91 -1.82 -0.25 | 51.44 -1.60 0.39 | 54.11 -1.47 -3.14 | 67.06 -0.81 -5.26 | 73.22 -0.77 -4.44 | 66.29 -0.86 -5.79 | 59.64 -0.81 -6.20 | 56.10 -1.13 -3.62 | 53.07 -1.55 -1.13 | 51.55 -1.96 -0.46 |
| HIGH FALLS___HY 23754 | 65.95 4.55 -9.75 | 60.97 3.70 -11.61 | 57.52 3.99 -6.06 | 55.19 3.86 -4.85 | 54.09 4.24 0.10 | 61.48 4.24 -9.62 | 60.04 3.96 -12.13 | 66.34 4.72 -15.83 | 72.88 6.14 -13.35 | 77.66 6.32 -17.30 | 78.86 6.60 -18.19 | 78.86 6.62 -18.37 | 75.56 6.56 -14.79 | 69.92 6.36 -10.15 | 66.55 6.26 -6.81 | 63.99 6.20 -4.36 | 76.55 6.24 -17.88 | 95.82 8.02 -25.18 | 99.60 9.32 -20.73 | 93.74 8.16 -24.21 | 88.22 7.11 -26.86 | 80.18 6.65 -19.93 | 67.18 5.94 -7.75 | 62.90 5.20 -4.65 |
| HILLBURN___GT 23639 | 64.85 3.93 -9.27 | 59.90 3.20 -11.04 | 56.69 3.47 -5.76 | 54.44 3.35 -4.61 | 53.58 3.75 0.10 | 60.58 3.81 -9.15 | 59.08 3.60 -11.53 | 64.91 4.08 -15.05 | 71.35 5.29 -12.68 | 75.88 5.40 -16.44 | 76.98 5.62 -17.28 | 76.92 5.60 -17.46 | 73.79 5.53 -14.05 | 68.39 5.34 -9.64 | 65.23 5.29 -6.46 | 62.74 5.18 -4.12 | 74.67 5.24 -16.99 | 93.51 6.95 -23.94 | 97.33 8.07 -19.71 | 91.39 7.00 -23.03 | 85.93 6.13 -25.54 | 78.23 5.68 -18.94 | 65.94 5.08 -7.36 | 62.24 4.77 -4.41 |

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| HOLTSVILLE_IC_1 23690 | 65.89 4.55 -9.69 | 61.08 3.88 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.18 4.67 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.58 6.74 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| HOLTSVILLE_IC_10 23699 | 66.20 4.86 -9.69 | 61.30 4.11 -11.53 | 61.38 5.65 -8.27 | 56.79 5.49 -4.82 | 55.83 5.99 0.10 | 62.89 5.71 -9.55 | 60.92 4.92 -12.05 | 66.46 4.95 -15.72 | 73.85 7.21 -13.25 | 100.24 7.29 -38.91 | 106.56 7.41 -45.07 | 106.88 7.43 -45.58 | 105.02 7.43 -43.38 | 104.95 7.21 -44.33 | 104.95 7.11 -44.36 | 105.99 7.05 -45.51 | 108.44 7.08 -48.93 | 121.89 9.21 -50.07 | 135.28 10.43 -55.30 | 123.07 9.08 -52.62 | 112.77 7.92 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| HOLTSVILLE_IC_2 23691 | 65.89 4.55 -9.69 | 61.08 3.88 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.18 4.67 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.58 6.74 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| HOLTSVILLE_IC_3 23692 | 65.89 4.55 -9.69 | 61.08 3.88 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.18 4.67 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.58 6.74 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| HOLTSVILLE_IC_4 23693 | 65.89 4.55 -9.69 | 61.08 3.88 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.18 4.67 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.58 6.74 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| HOLTSVILLE_IC_5 23694 | 65.89 4.55 -9.69 | 61.08 3.88 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.18 4.67 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.58 6.74 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| HOLTSVILLE_IC_6 23695 | 66.20 4.86 -9.69 | 61.30 4.11 -11.53 | 61.38 5.65 -8.27 | 56.79 5.49 -4.82 | 55.83 5.99 0.10 | 62.89 5.71 -9.55 | 60.92 4.92 -12.05 | 66.46 4.95 -15.72 | 73.85 7.21 -13.25 | 100.24 7.29 -38.91 | 106.56 7.41 -45.07 | 106.88 7.43 -45.58 | 105.02 7.43 -43.38 | 104.95 7.21 -44.33 | 104.95 7.11 -44.36 | 105.99 7.05 -45.51 | 108.44 7.08 -48.93 | 121.89 9.21 -50.07 | 135.28 10.43 -55.30 | 123.07 9.08 -52.62 | 112.77 7.92 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| HOLTSVILLE_IC_7 23696 | 66.20 4.86 -9.69 | 61.30 4.11 -11.53 | 61.38 5.65 -8.27 | 56.79 5.49 -4.82 | 55.83 5.99 0.10 | 62.89 5.71 -9.55 | 60.92 4.92 -12.05 | 66.46 4.95 -15.72 | 73.85 7.21 -13.25 | 100.24 7.29 -38.91 | 106.56 7.41 -45.07 | 106.88 7.43 -45.58 | 105.02 7.43 -43.38 | 104.95 7.21 -44.33 | 104.95 7.11 -44.36 | 105.99 7.05 -45.51 | 108.44 7.08 -48.93 | 121.89 9.21 -50.07 | 135.28 10.43 -55.30 | 123.07 9.08 -52.62 | 112.77 7.92 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| HOLTSVILLE_IC_8 23697 | 66.20 4.86 -9.69 | 61.30 4.11 -11.53 | 61.38 5.65 -8.27 | 56.79 5.49 -4.82 | 55.83 5.99 0.10 | 62.89 5.71 -9.55 | 60.92 4.92 -12.05 | 66.46 4.95 -15.72 | 73.85 7.21 -13.25 | 100.24 7.29 -38.91 | 106.56 7.41 -45.07 | 106.88 7.43 -45.58 | 105.02 7.43 -43.38 | 104.95 7.21 -44.33 | 104.95 7.11 -44.36 | 105.99 7.05 -45.51 | 108.44 7.08 -48.93 | 121.89 9.21 -50.07 | 135.28 10.43 -55.30 | 123.07 9.08 -52.62 | 112.77 7.92 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| HOLTSVILLE_IC_9 23698 | 66.20 4.86 -9.69 | 61.30 4.11 -11.53 | 61.38 5.65 -8.27 | 56.79 5.49 -4.82 | 55.83 5.99 0.10 | 62.89 5.71 -9.55 | 60.92 4.92 -12.05 | 66.46 4.95 -15.72 | 73.85 7.21 -13.25 | 100.24 7.29 -38.91 | 106.56 7.41 -45.07 | 106.88 7.43 -45.58 | 105.02 7.43 -43.38 | 104.95 7.21 -44.33 | 104.95 7.11 -44.36 | 105.99 7.05 -45.51 | 108.44 7.08 -48.93 | 121.89 9.21 -50.07 | 135.28 10.43 -55.30 | 123.07 9.08 -52.62 | 112.77 7.92 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| HQ_GEN_CEDARS 23644 | 50.36 -1.29 0.00 | 44.61 -1.05 0.00 | 46.33 -1.14 0.00 | 45.42 -1.07 0.00 | 48.69 -1.25 0.00 | 46.39 -1.24 0.00 | 42.76 -1.19 0.00 | 44.92 -0.87 0.00 | 51.58 -1.82 0.00 | 52.36 -1.68 0.00 | 52.45 -1.62 0.00 | 52.24 -1.62 0.00 | 52.31 -1.90 0.00 | 51.65 -1.76 0.00 | 51.93 -1.55 0.00 | 51.72 -1.71 0.00 | 50.71 -1.73 0.00 | 60.62 -2.00 0.00 | 67.04 -2.50 0.00 | 59.53 -1.84 0.00 | 52.52 -1.74 0.00 | 51.78 -1.82 0.00 | 51.89 -1.60 0.00 | 51.57 -1.49 0.00 |
| HQ_GEN_IMPORT 323601 | 50.98 -0.67 0.00 | 45.11 -0.55 0.00 | 46.90 -0.57 0.00 | 45.93 -0.56 0.00 | 49.34 -0.60 0.00 | 42.74 -0.62 4.27 | 47.60 -0.62 -4.27 | 45.01 -0.78 0.00 | 52.11 -1.28 0.00 | 52.63 -1.40 0.00 | 52.67 -1.41 0.00 | 52.46 -1.40 0.00 | 52.91 -1.30 0.00 | 52.18 -1.23 0.00 | 52.46 -1.02 0.00 | 52.31 -1.12 0.00 | 52.17 -1.21 -0.94 | 59.99 -1.69 0.94 | 67.28 -1.95 0.32 | 59.71 -1.66 0.00 | 52.79 -1.46 0.00 | 52.32 -1.29 0.00 | 52.37 -1.12 0.00 | 52.15 -0.90 0.00 |
| HQ_GEN_WHEEL 23651 | 50.98 -0.67 0.00 | 45.11 -0.55 0.00 | 46.90 -0.57 0.00 | 45.93 -0.56 0.00 | 49.34 -0.60 0.00 | 42.74 -0.62 4.27 | 47.60 -0.62 -4.27 | 45.01 -0.78 0.00 | 52.11 -1.28 0.00 | 52.63 -1.40 0.00 | 52.67 -1.41 0.00 | 52.46 -1.40 0.00 | 52.91 -1.30 0.00 | 52.18 -1.23 0.00 | 52.46 -1.02 0.00 | 52.31 -1.12 0.00 | 52.17 -1.21 -0.94 | 59.99 -1.69 0.94 | 67.28 -1.95 0.32 | 59.71 -1.66 0.00 | 52.79 -1.46 0.00 | 52.32 -1.29 0.00 | 52.37 -1.12 0.00 | 52.15 -0.90 0.00 |
| HUDSON AVE_GT_3 23810 | 65.83 4.49 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.30 6.16 -18.06 | 78.25 6.14 -18.25 | 75.03 6.13 -14.69 | 69.41 5.93 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.96 5.77 -17.75 | 95.27 7.64 -25.01 | 98.97 8.83 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.61 6.22 -19.79 | 66.80 5.62 -7.69 | 62.97 5.31 -4.61 |
| HUDSON AVE_GT_4 23540 | 65.83 4.49 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.30 6.16 -18.06 | 78.25 6.14 -18.25 | 75.03 6.13 -14.69 | 69.41 5.93 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.96 5.77 -17.75 | 95.27 7.64 -25.01 | 98.97 8.83 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.61 6.22 -19.79 | 66.80 5.62 -7.69 | 62.97 5.31 -4.61 |
| HUDSON AVE_GT_5 23657 | 65.83 4.49 -9.69 | 60.85 3.65 -11.53 | 57.47 3.99 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.11 5.89 -17.18 | 78.30 6.16 -18.06 | 78.25 6.14 -18.25 | 75.03 6.13 -14.69 | 69.41 5.93 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.96 5.77 -17.75 | 95.27 7.64 -25.01 | 98.97 8.83 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.61 6.22 -19.79 | 66.80 5.62 -7.69 | 62.97 5.31 -4.61 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON_AVE_10 24168 | 65.58 4.24 -9.69 | 60.66 3.47 -11.53 | 57.28 3.80 -6.02 | 54.97 3.67 -4.82 | 53.93 4.09 0.10 | 61.32 4.14 -9.55 | 59.91 3.91 -12.05 | 65.77 4.26 -15.72 | 72.20 5.55 -13.25 | 76.84 5.62 -17.18 | 78.03 5.89 -18.06 | 78.03 5.92 -18.25 | 74.75 5.85 -14.69 | 69.15 5.66 -10.08 | 65.85 5.61 -6.76 | 63.26 5.50 -4.32 | 75.70 5.51 -17.75 | 95.02 7.39 -25.01 | 98.62 8.48 -20.59 | 92.78 7.36 -24.04 | 87.33 6.40 -26.67 | 79.34 5.95 -19.79 | 66.59 5.40 -7.69 | 62.76 5.09 -4.61 |
| HUNTLEY___63 23557 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| HUNTLEY___64 23558 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| HUNTLEY___65 23559 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| HUNTLEY___66 23560 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| HUNTLEY___67 23561 | 41.18 -6.77 3.71 | 38.14 -6.07 1.45 | 37.09 -6.31 4.06 | 37.08 -6.23 3.17 | 37.06 -6.49 6.38 | 41.30 -6.38 -0.06 | 31.19 -6.02 6.73 | 32.65 -6.23 6.91 | 32.84 -5.93 14.62 | 33.00 -5.89 15.14 | 35.76 -5.89 12.42 | 32.45 -5.98 15.43 | 32.09 -6.13 15.99 | 32.17 -6.09 15.15 | 31.83 -7.49 14.16 | 32.53 -6.14 14.76 | 34.87 -6.03 11.54 | 47.83 -7.08 7.71 | 55.95 -8.42 5.19 | 53.57 -7.92 -0.11 | 45.69 -6.40 2.16 | 35.99 -5.90 11.72 | 40.27 -5.83 7.40 | 40.20 -6.21 6.64 |
| HUNTLEY___68 23562 | 41.18 -6.77 3.71 | 38.14 -6.07 1.45 | 37.09 -6.31 4.06 | 37.08 -6.23 3.17 | 37.06 -6.49 6.38 | 41.30 -6.38 -0.06 | 31.19 -6.02 6.73 | 32.65 -6.23 6.91 | 32.84 -5.93 14.62 | 33.00 -5.89 15.14 | 35.76 -5.89 12.42 | 32.45 -5.98 15.43 | 32.09 -6.13 15.99 | 32.17 -6.09 15.15 | 31.83 -7.49 14.16 | 32.53 -6.14 14.76 | 34.87 -6.03 11.54 | 47.83 -7.08 7.71 | 55.95 -8.42 5.19 | 53.57 -7.92 -0.11 | 45.69 -6.40 2.16 | 35.99 -5.90 11.72 | 40.27 -5.83 7.40 | 40.20 -6.21 6.64 |
| INDECK___CORINTH 23802 | 68.47 3.98 -12.84 | 64.31 3.42 -15.22 | 58.90 3.42 -8.01 | 56.24 3.35 -6.41 | 53.43 3.50 0.00 | 63.49 3.29 -12.58 | 63.25 3.30 -16.01 | 69.62 2.98 -20.85 | 74.45 3.31 -17.75 | 80.81 3.84 -22.94 | 82.50 4.38 -24.04 | 82.63 4.42 -24.35 | 77.95 4.07 -19.67 | 70.78 3.79 -13.58 | 66.63 3.96 -9.19 | 63.27 3.85 -5.99 | 79.62 3.57 -23.62 | 99.92 4.20 -33.10 | 101.51 4.73 -27.23 | 97.59 4.54 -31.68 | 93.46 4.01 -35.19 | 83.77 3.86 -26.31 | 68.11 4.33 -10.29 | 63.61 4.35 -6.21 |
| INDECK___ILION 23567 | 52.40 0.98 0.24 | 46.24 0.87 0.28 | 48.17 0.85 0.15 | 47.20 0.84 0.12 | 50.83 0.90 0.00 | 48.25 0.86 0.23 | 44.48 0.83 0.30 | 46.36 0.96 0.39 | 54.34 1.28 0.33 | 55.01 1.40 0.43 | 55.14 1.51 0.45 | 54.92 1.51 0.45 | 55.31 1.46 0.37 | 54.54 1.39 0.25 | 54.59 1.28 0.17 | 54.66 1.34 0.11 | 53.36 1.36 0.44 | 63.82 1.82 0.61 | 71.13 2.09 0.51 | 62.62 1.84 0.59 | 55.18 1.57 0.65 | 54.57 1.45 0.49 | 54.59 1.28 0.19 | 54.10 1.17 0.12 |
| INDECK___OLEAN 23982 | 43.26 -5.63 2.76 | 39.76 -5.16 0.74 | 38.88 -5.36 3.23 | 38.62 -5.35 2.52 | 38.90 -5.54 5.49 | 42.86 -5.24 -0.47 | 34.25 -4.44 5.26 | 36.74 -3.80 5.25 | 37.88 -3.52 11.99 | 38.48 -3.30 12.26 | 40.95 -3.24 9.88 | 37.68 -3.72 12.46 | 37.26 -3.85 13.10 | 37.04 -3.79 12.58 | 36.90 -4.71 11.87 | 37.09 -3.85 12.50 | 39.63 -3.67 9.13 | 54.02 -3.07 5.53 | 62.45 -3.55 3.55 | 59.03 -3.50 -1.16 | 50.27 -3.31 0.68 | 40.97 -3.43 9.20 | 43.25 -4.23 6.02 | 42.61 -4.93 5.51 |
| INDECK___OSWEGO 23783 | 50.76 -1.60 -0.71 | 45.09 -1.42 -0.84 | 46.44 -1.47 -0.44 | 45.40 -1.44 -0.35 | 48.39 -1.55 0.00 | 46.84 -1.48 -0.70 | 43.56 -1.27 -0.89 | 45.75 -1.19 -1.15 | 53.20 -1.17 -0.98 | 54.33 -0.97 -1.27 | 54.43 -0.97 -1.33 | 54.24 -0.97 -1.35 | 54.16 -1.14 -1.09 | 53.04 -1.12 -0.75 | 52.65 -1.34 -0.51 | 52.53 -1.23 -0.33 | 52.64 -1.10 -1.31 | 63.32 -1.13 -1.83 | 69.80 -1.25 -1.51 | 62.02 -1.10 -1.75 | 55.23 -0.98 -1.95 | 53.94 -1.13 -1.46 | 52.83 -1.23 -0.57 | 51.96 -1.43 -0.34 |
| INDECK___YERKES 23781 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| INDIAN POINT_GT_1 24139 | 65.08 3.82 -9.61 | 60.25 3.15 -11.44 | 56.85 3.42 -5.97 | 54.56 3.30 -4.78 | 53.53 3.70 0.10 | 60.81 3.71 -9.47 | 59.46 3.56 -11.95 | 65.32 3.94 -15.59 | 71.60 5.07 -13.14 | 76.26 5.19 -17.04 | 77.39 5.41 -17.91 | 77.34 5.39 -18.09 | 74.14 5.37 -14.57 | 68.58 5.18 -9.99 | 65.32 5.13 -6.71 | 62.74 5.02 -4.28 | 75.08 5.03 -17.61 | 94.12 6.70 -24.80 | 97.68 7.72 -20.42 | 91.90 6.69 -23.85 | 86.57 5.86 -26.46 | 78.70 5.47 -19.62 | 66.05 4.92 -7.63 | 62.24 4.62 -4.57 |
| INDIAN POINT_GT_2 23659 | 65.08 3.82 -9.61 | 60.25 3.15 -11.44 | 56.85 3.42 -5.97 | 54.56 3.30 -4.78 | 53.53 3.70 0.10 | 60.81 3.71 -9.47 | 59.46 3.56 -11.95 | 65.32 3.94 -15.59 | 71.60 5.07 -13.14 | 76.26 5.19 -17.04 | 77.39 5.41 -17.91 | 77.34 5.39 -18.09 | 74.14 5.37 -14.57 | 68.58 5.18 -9.99 | 65.32 5.13 -6.71 | 62.74 5.02 -4.28 | 75.08 5.03 -17.61 | 94.12 6.70 -24.80 | 97.68 7.72 -20.42 | 91.90 6.69 -23.85 | 86.57 5.86 -26.46 | 78.70 5.47 -19.62 | 66.05 4.92 -7.63 | 62.24 4.62 -4.57 |
| INDIAN POINT_GT_3 24019 | 65.08 3.82 -9.61 | 60.25 3.15 -11.44 | 56.85 3.42 -5.97 | 54.56 3.30 -4.78 | 53.53 3.70 0.10 | 60.81 3.71 -9.47 | 59.46 3.56 -11.95 | 65.32 3.94 -15.59 | 71.60 5.07 -13.14 | 76.26 5.19 -17.04 | 77.39 5.41 -17.91 | 77.34 5.39 -18.09 | 74.14 5.37 -14.57 | 68.58 5.18 -9.99 | 65.32 5.13 -6.71 | 62.74 5.02 -4.28 | 75.08 5.03 -17.61 | 94.12 6.70 -24.80 | 97.68 7.72 -20.42 | 91.90 6.69 -23.85 | 86.57 5.86 -26.46 | 78.70 5.47 -19.62 | 66.05 4.92 -7.63 | 62.24 4.62 -4.57 |
| INDIAN POINT___2 23530 | 64.88 3.72 -9.50 | 60.03 3.06 -11.31 | 56.69 3.32 -5.91 | 54.42 3.21 -4.72 | 53.38 3.55 0.10 | 60.61 3.62 -9.37 | 59.19 3.43 -11.82 | 65.06 3.85 -15.42 | 71.35 4.97 -13.00 | 75.97 5.08 -16.85 | 77.09 5.30 -17.71 | 77.03 5.28 -17.89 | 73.87 5.26 -14.40 | 68.36 5.07 -9.88 | 65.08 4.97 -6.63 | 62.58 4.92 -4.23 | 74.78 4.93 -17.41 | 93.73 6.58 -24.53 | 97.32 7.58 -20.20 | 91.52 6.57 -23.59 | 86.18 5.75 -26.17 | 78.38 5.36 -19.41 | 65.85 4.81 -7.55 | 62.08 4.51 -4.52 |

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| INDIAN POINT____3 23531 | 64.93 3.67 -9.61 | 60.12 3.01 -11.44 | 56.71 3.28 -5.97 | 54.42 3.16 -4.78 | 53.38 3.55 0.10 | 60.67 3.57 -9.48 | 59.28 3.38 -11.95 | 65.19 3.80 -15.60 | 71.45 4.91 -13.15 | 76.11 5.03 -17.05 | 77.18 5.19 -17.92 | 77.19 5.22 -18.10 | 73.93 5.15 -14.57 | 68.37 4.97 -10.00 | 65.10 4.92 -6.71 | 62.58 4.86 -4.29 | 74.93 4.88 -17.61 | 93.88 6.45 -24.81 | 97.41 7.44 -20.42 | 91.73 6.51 -23.86 | 86.36 5.64 -26.46 | 78.49 5.25 -19.63 | 65.89 4.76 -7.63 | 62.08 4.46 -4.58 |
| IP CORINTH____1 23988 | 68.21 3.72 -12.84 | 64.08 3.20 -15.22 | 58.66 3.18 -8.01 | 56.01 3.11 -6.41 | 53.13 3.20 0.00 | 63.26 3.05 -12.58 | 62.99 3.03 -16.01 | 69.43 2.79 -20.85 | 74.24 3.10 -17.75 | 80.54 3.57 -22.94 | 82.34 4.22 -24.04 | 82.46 4.25 -24.35 | 77.79 3.90 -19.67 | 70.57 3.58 -13.58 | 66.41 3.74 -9.19 | 63.06 3.63 -5.99 | 79.41 3.36 -23.62 | 99.73 4.01 -33.10 | 101.23 4.45 -27.23 | 97.40 4.36 -31.68 | 93.30 3.85 -35.19 | 83.56 3.65 -26.31 | 67.90 4.12 -10.29 | 63.40 4.14 -6.21 |
| IP____TICONDEROGA 23804 | 68.71 4.65 -12.41 | 64.39 4.02 -14.72 | 59.20 3.99 -7.75 | 56.63 3.95 -6.19 | 54.03 4.09 0.00 | 63.74 3.95 -12.16 | 63.47 4.04 -15.48 | 70.07 4.12 -20.16 | 75.30 4.75 -17.16 | 81.40 5.19 -22.17 | 82.67 5.35 -23.24 | 82.89 5.49 -23.53 | 78.59 5.37 -19.02 | 71.82 5.29 -13.13 | 67.50 5.13 -8.89 | 64.62 5.40 -5.79 | 80.46 5.19 -22.83 | 100.32 5.70 -32.00 | 102.13 6.26 -26.32 | 97.39 5.40 -30.62 | 92.99 4.72 -34.01 | 83.91 4.88 -25.43 | 68.84 5.40 -9.94 | 64.57 5.52 -6.00 |
| JARVIS____ 23743 | 51.67 0.26 0.24 | 45.61 0.23 0.28 | 47.55 0.24 0.15 | 46.60 0.23 0.12 | 50.19 0.25 0.00 | 47.63 0.24 0.23 | 43.91 0.26 0.30 | 45.68 0.27 0.39 | 53.44 0.37 0.33 | 54.04 0.43 0.43 | 54.12 0.49 0.45 | 53.89 0.48 0.45 | 54.28 0.43 0.37 | 53.53 0.37 0.25 | 53.68 0.37 0.17 | 53.69 0.37 0.11 | 52.37 0.37 0.44 | 62.51 0.50 0.61 | 69.67 0.63 0.51 | 61.33 0.55 0.59 | 54.09 0.49 0.65 | 53.55 0.43 0.49 | 53.68 0.37 0.19 | 53.25 0.32 0.12 |
| JENNISON____1 23625 | 54.80 0.10 -3.04 | 49.43 0.00 -3.77 | 49.26 0.00 -1.80 | 47.88 -0.05 -1.44 | 49.57 0.00 0.37 | 50.77 -0.05 -3.19 | 47.75 0.13 -3.67 | 51.27 0.60 -4.89 | 58.12 1.07 -3.66 | 60.33 1.35 -4.94 | 60.97 1.51 -5.38 | 60.54 1.40 -5.28 | 59.58 1.30 -4.06 | 57.15 1.17 -2.57 | 55.79 0.80 -1.51 | 55.06 0.96 -0.67 | 58.91 1.15 -5.32 | 72.57 2.00 -7.94 | 78.65 2.50 -6.60 | 71.36 1.96 -8.03 | 64.73 1.68 -8.79 | 60.83 1.23 -5.99 | 56.48 0.80 -2.18 | 54.51 0.27 -1.19 |
| JENNISON____2 23626 | 54.74 0.05 -3.04 | 49.43 0.00 -3.77 | 49.22 -0.05 -1.80 | 47.83 -0.09 -1.44 | 49.52 -0.05 0.37 | 50.77 -0.05 -3.19 | 47.70 0.09 -3.67 | 51.22 0.55 -4.89 | 58.06 1.01 -3.66 | 60.27 1.30 -4.94 | 60.91 1.46 -5.38 | 60.49 1.35 -5.28 | 59.52 1.25 -4.06 | 57.10 1.12 -2.57 | 55.74 0.75 -1.51 | 55.01 0.91 -0.67 | 58.86 1.10 -5.32 | 72.50 1.94 -7.94 | 78.51 2.36 -6.60 | 71.30 1.90 -8.03 | 64.62 1.57 -8.79 | 60.78 1.18 -5.99 | 56.42 0.75 -2.18 | 54.51 0.27 -1.19 |
| KEDC PORT_JEFF_GT2 24210 | 66.10 4.75 -9.69 | 61.21 4.02 -11.53 | 61.28 5.55 -8.27 | 56.70 5.39 -4.82 | 55.73 5.89 0.10 | 62.80 5.62 -9.55 | 60.83 4.83 -12.05 | 66.32 4.81 -15.72 | 73.75 7.10 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.80 7.21 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.52 8.83 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.06 6.69 -43.88 | 70.14 6.53 -10.57 |
| KEDC PORT_JEFF_GT3 24211 | 66.10 4.75 -9.69 | 61.21 4.02 -11.53 | 61.28 5.55 -8.27 | 56.70 5.39 -4.82 | 55.73 5.89 0.10 | 62.80 5.62 -9.55 | 60.83 4.83 -12.05 | 66.32 4.81 -15.72 | 73.75 7.10 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.80 7.21 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.52 8.83 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.06 6.69 -43.88 | 70.14 6.53 -10.57 |
| KEDC_GLWD_GT4 24219 | 65.99 4.65 -9.69 | 60.98 3.79 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 61.89 4.71 -9.55 | 60.35 4.35 -12.05 | 66.14 4.62 -15.72 | 72.95 6.30 -13.25 | 99.38 6.43 -38.91 | 105.80 6.65 -45.07 | 106.07 6.62 -45.58 | 104.15 6.56 -43.38 | 104.15 6.41 -44.33 | 104.15 6.31 -44.36 | 105.19 6.25 -45.51 | 107.60 6.24 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 111.96 7.11 -50.59 | 110.35 6.70 -50.04 | 103.52 6.15 -43.88 | 69.45 5.84 -10.57 |
| KEDC_GLWD_GT5 24220 | 65.99 4.65 -9.69 | 60.98 3.79 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 61.89 4.71 -9.55 | 60.35 4.35 -12.05 | 66.14 4.62 -15.72 | 72.95 6.30 -13.25 | 99.38 6.43 -38.91 | 105.80 6.65 -45.07 | 106.07 6.62 -45.58 | 104.15 6.56 -43.38 | 104.15 6.41 -44.33 | 104.15 6.31 -44.36 | 105.19 6.25 -45.51 | 107.60 6.24 -48.93 | 120.89 8.20 -50.07 | 134.23 9.39 -55.30 | 122.15 8.16 -52.62 | 111.96 7.11 -50.59 | 110.35 6.70 -50.04 | 103.52 6.15 -43.88 | 69.45 5.84 -10.57 |
| KENSICO____ 23655 | 65.35 4.03 -9.67 | 60.51 3.33 -11.51 | 57.08 3.61 -6.01 | 54.82 3.53 -4.81 | 53.73 3.90 0.10 | 61.11 3.95 -9.54 | 59.71 3.74 -12.03 | 65.60 4.12 -15.70 | 71.96 5.34 -13.23 | 76.65 5.46 -17.15 | 77.78 5.68 -18.03 | 77.73 5.66 -18.21 | 74.46 5.58 -14.66 | 68.92 5.45 -10.06 | 65.58 5.35 -6.75 | 63.04 5.29 -4.31 | 75.46 5.30 -17.72 | 94.60 7.01 -24.97 | 98.17 8.07 -20.55 | 92.37 7.00 -24.00 | 86.96 6.08 -26.63 | 79.04 5.68 -19.75 | 66.36 5.19 -7.68 | 62.54 4.88 -4.60 |
| KIAC_JFK_GT1 23816 | 67.82 3.77 -12.40 | 61.84 3.10 -13.07 | 58.63 3.37 -7.80 | 56.54 3.30 -6.75 | 54.41 3.65 -0.83 | 60.89 3.71 -9.55 | 59.51 3.52 -12.05 | 65.36 3.85 -15.72 | 71.83 5.07 -13.36 | 78.39 5.08 -19.28 | 79.85 5.52 -20.26 | 79.83 5.49 -20.48 | 76.88 5.48 -17.20 | 71.62 5.29 -12.93 | 68.52 5.24 -9.81 | 65.91 5.08 -7.40 | 77.78 5.14 -20.21 | 96.30 6.95 -26.73 | 99.94 8.00 -22.40 | 94.20 6.93 -25.89 | 89.14 6.02 -28.86 | 81.45 5.63 -22.21 | 69.28 5.03 -10.75 | 65.39 4.56 -7.78 |
| KIAC_JFK_GT2 23817 | 67.82 3.77 -12.40 | 61.84 3.10 -13.07 | 58.63 3.37 -7.80 | 56.54 3.30 -6.75 | 54.41 3.65 -0.83 | 60.89 3.71 -9.55 | 59.51 3.52 -12.05 | 65.36 3.85 -15.72 | 71.83 5.07 -13.36 | 78.39 5.08 -19.28 | 79.85 5.52 -20.26 | 79.83 5.49 -20.48 | 76.88 5.48 -17.20 | 71.62 5.29 -12.93 | 68.52 5.24 -9.81 | 65.91 5.08 -7.40 | 77.78 5.14 -20.21 | 96.30 6.95 -26.73 | 99.94 8.00 -22.40 | 94.20 6.93 -25.89 | 89.14 6.02 -28.86 | 81.45 5.63 -22.21 | 69.28 5.03 -10.75 | 65.39 4.56 -7.78 |
| KINTIGH____ 23543 | 40.55 -6.72 4.39 | 37.66 -5.98 2.01 | 36.62 -6.22 4.63 | 36.72 -6.14 3.62 | 36.64 -6.39 6.91 | 41.03 -6.29 0.31 | 30.30 -5.89 7.76 | 31.51 -6.18 8.09 | 31.11 -5.93 16.35 | 31.13 -5.84 17.07 | 34.03 -5.89 14.16 | 30.57 -5.87 17.42 | 30.30 -6.02 17.89 | 30.57 -6.04 16.80 | 30.60 -7.27 15.60 | 31.19 -6.09 16.15 | 33.28 -5.98 13.18 | 46.16 -7.14 9.32 | 54.65 -8.48 6.41 | 52.65 -7.92 0.80 | 44.49 -6.40 3.37 | 34.30 -5.84 13.46 | 39.41 -5.78 8.31 | 39.52 -6.15 7.37 |
| LEDERLE____ 23769 | 65.20 4.18 -9.36 | 60.23 3.42 -11.15 | 56.99 3.70 -5.82 | 54.76 3.63 -4.65 | 53.83 3.99 0.10 | 60.91 4.05 -9.23 | 59.41 3.82 -11.64 | 65.29 4.30 -15.19 | 71.74 5.55 -12.80 | 76.31 5.67 -16.60 | 77.42 5.89 -17.45 | 77.36 5.87 -17.63 | 74.20 5.80 -14.19 | 68.75 5.61 -9.73 | 65.56 5.56 -6.53 | 63.10 5.50 -4.17 | 75.10 5.51 -17.15 | 94.05 7.26 -24.17 | 97.86 8.42 -19.90 | 91.98 7.36 -23.24 | 86.44 6.40 -25.78 | 78.68 5.95 -19.12 | 66.33 5.40 -7.43 | 62.49 4.99 -4.45 |
| LINDEN COGEN____ 23786 | 61.25 4.29 -5.31 | 58.18 3.47 -9.05 | 54.42 3.80 -3.15 | 51.85 3.67 -1.69 | 52.44 4.09 1.59 | 61.32 4.14 -9.55 | 59.91 3.91 -12.05 | 65.81 4.30 -15.72 | 72.01 5.55 -13.07 | 73.51 5.67 -13.80 | 74.53 5.95 -14.50 | 74.42 5.92 -14.63 | 70.60 5.91 -10.48 | 64.52 5.71 -5.40 | 60.94 5.61 -1.85 | 58.16 5.50 0.77 | 71.63 5.56 -13.63 | 92.24 7.39 -22.23 | 95.69 8.48 -17.66 | 89.78 7.36 -21.05 | 83.79 6.40 -23.14 | 75.48 6.00 -15.87 | 61.50 5.46 -2.55 | 57.45 5.09 0.70 |

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| LIPA_MISC_IPP 23656 | 65.99 4.65 -9.69 | 61.17 3.97 -11.53 | 61.33 5.60 -8.27 | 56.75 5.44 -4.82 | 55.78 5.94 0.10 | 62.84 5.67 -9.55 | 60.79 4.79 -12.05 | 66.28 4.76 -15.72 | 73.64 6.99 -13.25 | 100.03 7.08 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.75 7.16 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.23 6.87 -48.93 | 121.58 8.89 -50.07 | 135.00 10.15 -55.30 | 122.83 8.84 -52.62 | 112.55 7.70 -50.59 | 110.88 7.24 -50.04 | 104.00 6.63 -43.88 | 70.04 6.42 -10.57 |
| LITTLE FALLS___HYD 24013 | 53.33 1.91 0.24 | 46.98 1.60 0.28 | 48.98 1.66 0.15 | 47.95 1.58 0.12 | 51.63 1.70 0.00 | 49.01 1.62 0.23 | 45.27 1.63 0.30 | 47.28 1.88 0.39 | 55.57 2.51 0.33 | 56.31 2.70 0.43 | 56.50 2.87 0.45 | 56.26 2.85 0.45 | 56.61 2.76 0.37 | 55.77 2.62 0.25 | 55.77 2.46 0.17 | 55.89 2.56 0.11 | 54.67 2.67 0.44 | 65.45 3.44 0.61 | 73.08 4.03 0.51 | 64.28 3.50 0.59 | 56.64 3.04 0.65 | 55.91 2.79 0.49 | 55.76 2.46 0.19 | 55.16 2.23 0.12 |
| LONG LAKE_PHOENIX 24014 | 51.10 -1.29 -0.74 | 45.39 -1.14 -0.88 | 46.74 -1.19 -0.46 | 45.64 -1.21 -0.37 | 48.64 -1.30 0.00 | 47.11 -1.24 -0.72 | 43.86 -1.01 -0.92 | 46.07 -0.92 -1.20 | 53.66 -0.75 -1.02 | 54.81 -0.54 -1.32 | 54.97 -0.49 -1.38 | 54.78 -0.48 -1.40 | 54.64 -0.70 -1.13 | 53.50 -0.69 -0.78 | 53.10 -0.91 -0.53 | 52.98 -0.80 -0.34 | 53.11 -0.68 -1.36 | 63.90 -0.63 -1.90 | 70.49 -0.63 -1.57 | 62.64 -0.55 -1.82 | 55.79 -0.49 -2.02 | 54.42 -0.70 -1.51 | 53.23 -0.86 -0.59 | 52.29 -1.11 -0.36 |
| LOVETT___3 23632 | 64.31 3.25 -9.40 | 59.46 2.60 -11.20 | 56.16 2.85 -5.84 | 53.95 2.79 -4.67 | 52.93 3.10 0.10 | 60.09 3.19 -9.27 | 58.72 3.08 -11.69 | 64.48 3.43 -15.26 | 70.73 4.48 -12.86 | 75.30 4.59 -16.67 | 76.41 4.81 -17.52 | 76.36 4.79 -17.70 | 73.18 4.72 -14.25 | 67.72 4.54 -9.77 | 64.47 4.44 -6.56 | 62.00 4.38 -4.19 | 74.07 4.40 -17.23 | 92.84 5.95 -24.27 | 96.42 6.89 -19.98 | 90.66 5.95 -23.34 | 85.36 5.21 -25.90 | 77.64 4.82 -19.20 | 65.29 4.33 -7.47 | 61.56 4.03 -4.47 |
| LOVETT___4 23642 | 64.73 3.67 -9.41 | 59.87 3.01 -11.20 | 56.59 3.28 -5.85 | 54.32 3.16 -4.67 | 53.38 3.55 0.10 | 60.47 3.57 -9.28 | 59.07 3.43 -11.70 | 64.90 3.85 -15.27 | 71.22 4.97 -12.86 | 75.79 5.08 -16.68 | 76.91 5.30 -17.53 | 76.85 5.28 -17.71 | 73.67 5.20 -14.26 | 68.26 5.07 -9.78 | 65.01 4.97 -6.56 | 62.54 4.92 -4.19 | 74.60 4.93 -17.23 | 93.48 6.58 -24.28 | 97.19 7.65 -19.99 | 91.35 6.63 -23.35 | 85.91 5.75 -25.90 | 78.18 5.36 -19.21 | 65.78 4.81 -7.47 | 61.98 4.46 -4.48 |
| LOVETT___5 23593 | 64.73 3.67 -9.41 | 59.87 3.01 -11.20 | 56.59 3.28 -5.85 | 54.32 3.16 -4.67 | 53.38 3.55 0.10 | 60.47 3.57 -9.28 | 59.07 3.43 -11.70 | 64.90 3.85 -15.27 | 71.22 4.97 -12.86 | 75.79 5.08 -16.68 | 76.91 5.30 -17.53 | 76.85 5.28 -17.71 | 73.67 5.20 -14.26 | 68.26 5.07 -9.78 | 65.01 4.97 -6.56 | 62.54 4.92 -4.19 | 74.60 4.93 -17.23 | 93.48 6.58 -24.28 | 97.19 7.65 -19.99 | 91.35 6.63 -23.35 | 85.91 5.75 -25.90 | 78.18 5.36 -19.21 | 65.78 4.81 -7.47 | 61.98 4.46 -4.48 |
| LOWER RAQUET___HYD 24057 | 49.59 -2.07 0.00 | 43.88 -1.78 0.00 | 45.61 -1.85 0.00 | 44.72 -1.77 0.00 | 47.89 -2.05 0.00 | 45.58 -2.05 0.00 | 42.14 -1.80 0.00 | 45.06 -0.73 0.00 | 51.15 -2.24 0.00 | 52.52 -1.51 0.00 | 52.62 -1.46 0.00 | 52.46 -1.40 0.00 | 51.77 -2.44 0.00 | 51.11 -2.30 0.00 | 51.34 -2.14 0.00 | 51.13 -2.30 0.00 | 50.13 -2.31 0.00 | 60.30 -2.32 0.00 | 66.70 -2.85 0.00 | 59.83 -1.53 0.00 | 52.74 -1.52 0.00 | 51.19 -2.41 0.00 | 51.35 -2.14 0.00 | 50.98 -2.07 0.00 |
| LOWER___HUDSON 24059 | 67.93 3.82 -12.46 | 63.77 3.33 -14.77 | 58.57 3.32 -7.78 | 55.96 3.25 -6.22 | 53.33 3.40 0.00 | 63.07 3.24 -12.21 | 62.60 3.12 -15.54 | 69.09 3.07 -20.24 | 74.09 3.47 -17.23 | 79.97 3.67 -22.26 | 81.03 3.62 -23.33 | 81.10 3.61 -23.63 | 76.83 3.52 -19.09 | 70.01 3.42 -13.18 | 65.87 3.48 -8.92 | 62.72 3.47 -5.81 | 78.66 3.30 -22.92 | 98.69 3.95 -32.13 | 100.42 4.45 -26.42 | 95.98 3.87 -30.74 | 91.77 3.36 -34.15 | 82.46 3.32 -25.53 | 67.11 3.64 -9.98 | 62.74 3.66 -6.03 |
| LWR___OSWEGATCHIE_HYD 23850 | 49.64 -2.01 0.00 | 43.93 -1.74 0.00 | 45.66 -1.80 0.00 | 44.76 -1.72 0.00 | 47.99 -1.95 0.00 | 45.62 -2.00 0.00 | 42.14 -1.80 0.00 | 45.10 -0.69 0.00 | 51.58 -1.82 0.00 | 53.17 -0.86 0.00 | 53.26 -0.81 0.00 | 53.11 -0.75 0.00 | 52.37 -1.84 0.00 | 51.59 -1.82 0.00 | 51.55 -1.93 0.00 | 51.51 -1.92 0.00 | 50.60 -1.84 0.00 | 60.99 -1.63 0.00 | 67.67 -1.88 0.00 | 60.63 -0.74 0.00 | 53.50 -0.76 0.00 | 51.73 -1.88 0.00 | 51.78 -1.71 0.00 | 51.20 -1.86 0.00 |
| LYONS_FALL_HYD 23570 | 50.72 -0.93 0.00 | 44.84 -0.82 0.00 | 46.61 -0.85 0.00 | 45.65 -0.84 0.00 | 48.99 -0.95 0.00 | 46.67 -0.95 0.00 | 43.16 -0.79 0.00 | 45.47 -0.32 0.00 | 52.86 -0.53 0.00 | 53.98 -0.05 0.00 | 54.08 0.00 0.00 | 53.91 0.05 0.00 | 53.83 -0.38 0.00 | 53.03 -0.37 0.00 | 52.83 -0.64 0.00 | 52.90 -0.53 0.00 | 52.02 -0.42 0.00 | 62.43 -0.19 0.00 | 69.41 -0.14 0.00 | 61.49 0.12 0.00 | 54.31 0.05 0.00 | 53.18 -0.43 0.00 | 52.96 -0.53 0.00 | 52.20 -0.85 0.00 |
| MAPLE RIDGE_WT_1 323574 | 50.85 -0.26 0.54 | 44.79 -0.23 0.64 | 46.89 -0.24 0.34 | 45.98 -0.23 0.27 | 49.69 -0.25 0.00 | 46.81 -0.29 0.53 | 43.01 -0.26 0.68 | 44.63 -0.27 0.88 | 52.21 -0.43 0.75 | 52.69 -0.38 0.97 | 52.68 -0.38 1.02 | 52.46 -0.38 1.03 | 53.00 -0.38 0.83 | 52.46 -0.37 0.57 | 52.77 -0.32 0.39 | 52.81 -0.37 0.25 | 51.07 -0.37 1.00 | 60.78 -0.44 1.40 | 67.84 -0.56 1.15 | 59.60 -0.43 1.34 | 52.39 -0.38 1.49 | 52.12 -0.38 1.11 | 52.74 -0.32 0.43 | 52.47 -0.32 0.26 |
| MAPLE RIDGE_WT_2 323611 | 50.85 -0.26 0.54 | 44.79 -0.23 0.64 | 46.89 -0.24 0.34 | 45.98 -0.23 0.27 | 49.69 -0.25 0.00 | 46.81 -0.29 0.53 | 43.01 -0.26 0.68 | 44.63 -0.27 0.88 | 52.21 -0.43 0.75 | 52.69 -0.38 0.97 | 52.68 -0.38 1.02 | 52.46 -0.38 1.03 | 53.00 -0.38 0.83 | 52.46 -0.37 0.57 | 52.77 -0.32 0.39 | 52.81 -0.37 0.25 | 51.07 -0.37 1.00 | 60.78 -0.44 1.40 | 67.84 -0.56 1.15 | 59.60 -0.43 1.34 | 52.39 -0.38 1.49 | 52.12 -0.38 1.11 | 52.74 -0.32 0.43 | 52.47 -0.32 0.26 |
| MG INDUSTRY___DRP 24185 | 66.44 2.53 -12.25 | 62.47 2.28 -14.53 | 57.54 2.42 -7.65 | 54.92 2.32 -6.12 | 52.43 2.50 0.00 | 62.02 2.38 -12.01 | 61.25 2.02 -15.28 | 67.75 2.06 -19.90 | 72.74 2.40 -16.94 | 78.25 2.32 -21.90 | 79.29 2.27 -22.95 | 79.31 2.21 -23.24 | 75.16 2.17 -18.78 | 68.51 2.14 -12.96 | 64.39 2.14 -8.77 | 61.29 2.14 -5.72 | 77.03 2.05 -22.54 | 96.72 2.50 -31.60 | 98.39 2.85 -25.99 | 94.12 2.52 -30.23 | 90.06 2.22 -33.58 | 80.86 2.14 -25.11 | 65.72 2.41 -9.82 | 61.37 2.39 -5.93 |
| MID___OSWEGATCHIE_HYD 23849 | 49.64 -2.01 0.00 | 43.93 -1.74 0.00 | 45.66 -1.80 0.00 | 44.76 -1.72 0.00 | 47.99 -1.95 0.00 | 45.62 -2.00 0.00 | 42.14 -1.80 0.00 | 45.10 -0.69 0.00 | 51.58 -1.82 0.00 | 53.17 -0.86 0.00 | 53.26 -0.81 0.00 | 53.11 -0.75 0.00 | 52.37 -1.84 0.00 | 51.59 -1.82 0.00 | 51.55 -1.93 0.00 | 51.51 -1.92 0.00 | 50.60 -1.84 0.00 | 60.99 -1.63 0.00 | 67.67 -1.88 0.00 | 60.63 -0.74 0.00 | 53.50 -0.76 0.00 | 51.73 -1.88 0.00 | 51.78 -1.71 0.00 | 51.20 -1.86 0.00 |
| MID___RAQUETTE_HYD 23851 | 49.59 -2.07 0.00 | 43.88 -1.78 0.00 | 45.61 -1.85 0.00 | 44.72 -1.77 0.00 | 47.89 -2.05 0.00 | 45.58 -2.05 0.00 | 42.14 -1.80 0.00 | 45.06 -0.73 0.00 | 51.15 -2.24 0.00 | 52.52 -1.51 0.00 | 52.62 -1.46 0.00 | 52.46 -1.40 0.00 | 51.77 -2.44 0.00 | 51.11 -2.30 0.00 | 51.34 -2.14 0.00 | 51.13 -2.30 0.00 | 50.13 -2.31 0.00 | 60.30 -2.32 0.00 | 66.70 -2.85 0.00 | 59.83 -1.53 0.00 | 52.74 -1.52 0.00 | 51.19 -2.41 0.00 | 51.35 -2.14 0.00 | 50.98 -2.07 0.00 |
| MILLIKEN___I 23584 | 49.09 -4.24 -1.68 | 43.90 -3.74 -1.99 | 44.57 -3.94 -1.05 | 43.42 -3.90 -0.84 | 45.74 -4.19 0.00 | 45.27 -4.00 -1.64 | 42.57 -3.47 -2.09 | 45.26 -3.25 -2.72 | 52.45 -3.26 -2.32 | 54.11 -2.92 -3.00 | 54.35 -2.87 -3.14 | 54.13 -2.91 -3.18 | 53.69 -3.09 -2.57 | 52.03 -3.15 -1.77 | 51.04 -3.64 -1.20 | 50.90 -3.31 -0.78 | 52.48 -3.04 -3.08 | 63.87 -3.07 -4.32 | 69.83 -3.27 -3.56 | 62.31 -3.19 -4.14 | 55.98 -2.88 -4.60 | 53.99 -3.06 -3.44 | 51.36 -3.48 -1.34 | 49.83 -4.03 -0.81 |

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| MILLIKEN___2 23585 | 49.09 -4.24 -1.68 | 43.90 -3.74 -1.99 | 44.57 -3.94 -1.05 | 43.42 -3.90 -0.84 | 45.74 -4.19 0.00 | 45.27 -4.00 -1.64 | 42.57 -3.47 -2.09 | 45.26 -3.25 -2.72 | 52.45 -3.26 -2.32 | 54.11 -2.92 -3.00 | 54.35 -2.87 -3.14 | 54.13 -2.91 -3.18 | 53.69 -3.09 -2.57 | 52.03 -3.15 -1.77 | 51.04 -3.64 -1.20 | 50.90 -3.31 -0.78 | 52.48 -3.04 -3.08 | 63.87 -3.07 -4.32 | 69.83 -3.27 -3.56 | 62.31 -3.19 -4.14 | 55.98 -2.88 -4.60 | 53.99 -3.06 -3.44 | 51.36 -3.48 -1.34 | 49.83 -4.03 -0.81 |
| MILLIKEN___DIESEL 23629 | 49.09 -4.24 -1.68 | 43.90 -3.74 -1.99 | 44.57 -3.94 -1.05 | 43.42 -3.90 -0.84 | 45.74 -4.19 0.00 | 45.27 -4.00 -1.64 | 42.57 -3.47 -2.09 | 45.26 -3.25 -2.72 | 52.45 -3.26 -2.32 | 54.11 -2.92 -3.00 | 54.35 -2.87 -3.14 | 54.13 -2.91 -3.18 | 53.69 -3.09 -2.57 | 52.03 -3.15 -1.77 | 51.04 -3.64 -1.20 | 50.90 -3.31 -0.78 | 52.48 -3.04 -3.08 | 63.87 -3.07 -4.32 | 69.83 -3.27 -3.56 | 62.31 -3.19 -4.14 | 55.98 -2.88 -4.60 | 53.99 -3.06 -3.44 | 51.36 -3.48 -1.34 | 49.83 -4.03 -0.81 |
| MILLSEAT___LFGE 323607 | 41.70 -5.79 4.17 | 38.63 -5.21 1.82 | 37.60 -5.41 4.45 | 37.66 -5.35 3.48 | 37.64 -5.54 6.75 | 42.02 -5.43 0.18 | 31.42 -5.10 7.43 | 32.81 -5.27 7.71 | 33.04 -4.54 15.81 | 33.20 -4.38 16.46 | 36.04 -4.43 13.60 | 32.60 -4.47 16.79 | 32.31 -4.61 17.30 | 32.47 -4.65 16.29 | 32.22 -6.10 15.16 | 32.95 -4.76 15.73 | 35.22 -4.56 12.65 | 48.51 -5.32 8.79 | 57.15 -6.40 6.00 | 54.76 -6.14 0.48 | 46.42 -4.88 2.95 | 36.31 -4.40 12.90 | 41.03 -4.44 8.02 | 40.97 -4.93 7.15 |
| MODEL_CITY_ENERGY 24167 | 41.27 -6.46 3.93 | 38.23 -5.80 1.63 | 37.19 -6.03 4.25 | 37.21 -5.95 3.32 | 37.19 -6.19 6.56 | 41.47 -6.10 0.06 | 31.03 -5.84 7.07 | 32.40 -6.09 7.30 | 32.54 -5.66 15.19 | 32.69 -5.57 15.77 | 35.46 -5.62 12.99 | 32.12 -5.66 16.08 | 31.79 -5.80 16.62 | 31.89 -5.82 15.70 | 31.52 -7.33 14.63 | 32.33 -5.88 15.22 | 34.65 -5.72 12.08 | 47.62 -6.76 8.24 | 55.76 -8.21 5.59 | 53.45 -7.73 0.18 | 45.52 -6.19 2.55 | 35.74 -5.58 12.29 | 40.34 -5.46 7.70 | 40.28 -5.89 6.88 |
| MODERN_LFGE___ 323580 | 41.27 -6.46 3.93 | 38.23 -5.80 1.63 | 37.19 -6.03 4.25 | 37.21 -5.95 3.32 | 37.19 -6.19 6.56 | 41.47 -6.10 0.06 | 31.03 -5.84 7.07 | 32.40 -6.09 7.30 | 32.54 -5.66 15.19 | 32.69 -5.57 15.77 | 35.46 -5.62 12.99 | 32.12 -5.66 16.08 | 31.79 -5.80 16.62 | 31.89 -5.82 15.70 | 31.52 -7.33 14.63 | 32.33 -5.88 15.22 | 34.65 -5.72 12.08 | 47.62 -6.76 8.24 | 55.76 -8.21 5.59 | 53.45 -7.73 0.18 | 45.52 -6.19 2.55 | 35.74 -5.58 12.29 | 40.34 -5.46 7.70 | 40.28 -5.89 6.88 |
| MOHAWK_PAPER___DRP 24187 | 67.79 3.56 -12.57 | 63.72 3.15 -14.91 | 58.49 3.18 -7.85 | 55.87 3.11 -6.27 | 53.23 3.30 0.00 | 63.09 3.14 -12.32 | 62.61 2.99 -15.68 | 69.18 2.98 -20.42 | 73.98 3.20 -17.38 | 79.74 3.24 -22.46 | 80.81 3.19 -23.54 | 80.82 3.12 -23.84 | 76.56 3.09 -19.26 | 69.80 3.10 -13.30 | 65.58 3.10 -9.00 | 62.40 3.10 -5.86 | 78.50 2.94 -23.13 | 98.54 3.51 -32.41 | 100.17 3.96 -26.66 | 95.82 3.44 -31.02 | 91.75 3.04 -34.45 | 82.37 3.00 -25.76 | 66.72 3.16 -10.07 | 62.26 3.13 -6.08 |
| MONGAUP___HYD 23641 | 64.50 3.98 -8.87 | 59.51 3.29 -10.56 | 56.49 3.51 -5.51 | 54.28 3.39 -4.40 | 53.63 3.80 0.10 | 60.14 3.76 -8.75 | 58.53 3.56 -11.02 | 64.30 4.12 -14.39 | 70.79 5.29 -12.11 | 75.20 5.46 -15.71 | 76.22 5.62 -16.52 | 76.14 5.60 -16.68 | 73.22 5.58 -13.42 | 68.00 5.39 -9.20 | 64.99 5.35 -6.17 | 62.65 5.29 -3.93 | 74.02 5.35 -16.24 | 92.46 6.95 -22.89 | 96.46 8.07 -18.85 | 90.39 7.00 -22.02 | 84.76 6.08 -24.43 | 77.39 5.68 -18.10 | 65.61 5.08 -7.03 | 61.77 4.51 -4.21 |
| MONTAUK___DIESEL 23721 | 68.01 6.66 -9.69 | 62.90 5.71 -11.53 | 63.42 7.69 -8.27 | 58.79 7.48 -4.82 | 57.98 8.14 0.10 | 64.94 7.76 -9.55 | 62.72 6.72 -12.05 | 68.29 6.78 -15.72 | 76.47 9.82 -13.25 | 102.89 9.94 -38.91 | 109.21 10.06 -45.07 | 109.52 10.07 -45.58 | 107.62 10.03 -43.38 | 107.46 9.72 -44.33 | 107.52 9.68 -44.36 | 108.56 9.62 -45.51 | 111.12 9.75 -48.93 | 125.59 12.90 -50.07 | 139.45 14.60 -55.30 | 126.69 12.70 -52.62 | 115.86 11.01 -50.59 | 113.89 10.24 -50.04 | 106.57 9.20 -43.88 | 72.37 8.75 -10.57 |
| MUNSVILLE_WIND_PWR 323609 | 53.81 -0.46 -2.62 | 48.45 -0.46 -3.24 | 48.45 -0.57 -1.56 | 47.13 -0.60 -1.25 | 49.04 -0.60 0.29 | 49.74 -0.62 -2.74 | 46.77 -0.35 -3.17 | 50.28 0.27 -4.22 | 57.43 0.85 -3.19 | 59.68 1.35 -4.29 | 60.24 1.51 -4.65 | 59.84 1.40 -4.58 | 59.00 1.25 -3.54 | 56.73 1.07 -2.25 | 55.36 0.53 -1.35 | 54.85 0.80 -0.62 | 58.14 1.10 -4.60 | 71.59 2.13 -6.84 | 78.01 2.78 -5.68 | 70.35 2.09 -6.89 | 63.49 1.68 -7.55 | 59.91 1.13 -5.18 | 55.87 0.48 -1.90 | 53.78 -0.32 -1.04 |
| N SALMON___HYD 24042 | 50.78 -0.88 0.00 | 44.98 -0.68 0.00 | 46.71 -0.76 0.00 | 45.88 -0.60 0.00 | 49.14 -0.80 0.00 | 46.77 -0.86 0.00 | 43.29 -0.66 0.00 | 45.88 0.09 0.00 | 52.54 -0.85 0.00 | 53.44 -0.59 0.00 | 53.59 -0.49 0.00 | 53.32 -0.54 0.00 | 53.34 -0.87 0.00 | 52.61 -0.80 0.00 | 52.78 -0.70 0.00 | 52.63 -0.80 0.00 | 51.70 -0.73 0.00 | 62.24 -0.38 0.00 | 68.50 -1.04 0.00 | 60.88 -0.49 0.00 | 53.55 -0.71 0.00 | 52.64 -0.96 0.00 | 52.64 -0.86 0.00 | 52.10 -0.95 0.00 |
| N.E._GEN_SANDY PD 24062 | 66.59 3.41 -11.53 | 62.29 2.92 -13.71 | 57.63 2.99 -7.17 | 55.15 2.93 -5.74 | 53.00 3.15 0.08 | 57.80 3.10 -7.08 | 65.55 2.99 -18.62 | 67.66 3.16 -18.71 | 73.00 3.79 -15.82 | 78.47 3.94 -20.49 | 79.54 3.95 -21.52 | 79.60 3.99 -21.75 | 75.70 3.96 -17.53 | 69.30 3.85 -12.05 | 65.38 3.80 -8.11 | 62.49 3.85 -5.21 | 78.30 3.78 -22.09 | 96.00 4.57 -28.81 | 99.18 5.15 -24.48 | 94.41 4.48 -28.56 | 89.86 3.91 -31.70 | 80.98 3.81 -23.57 | 66.47 3.80 -9.18 | 62.39 3.82 -5.51 |
| NARROWS_GT1_1 24228 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_2 24229 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_3 24230 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_4 24231 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_5 24232 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |

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|---------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NARROWS_GT1_6 24233 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_7 24234 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT1_8 24235 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_1 24236 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_2 24237 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_3 24238 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_4 24239 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_5 24240 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_6 24241 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_7 24242 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NARROWS_GT2_8 24243 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NEG CAPITAL___MECHNVIL 23645 | 68.40 4.24 -12.51 | 64.20 3.70 -14.84 | 58.98 3.70 -7.81 | 56.36 3.63 -6.25 | 53.68 3.75 0.00 | 63.46 3.57 -12.26 | 62.98 3.43 -15.60 | 69.41 3.30 -20.32 | 74.38 3.68 -17.30 | 80.39 4.00 -22.36 | 81.56 4.06 -23.43 | 81.63 4.04 -23.73 | 77.29 3.90 -19.17 | 70.49 3.85 -13.24 | 66.39 3.96 -8.96 | 63.17 3.90 -5.84 | 79.08 3.62 -23.02 | 99.26 4.38 -32.26 | 101.02 4.94 -26.54 | 96.60 4.36 -30.87 | 92.29 3.74 -34.29 | 83.00 3.75 -25.64 | 67.58 4.07 -10.02 | 63.19 4.08 -6.05 |
| NEG CENTRAL_HIGH_ACRES 23767 | 48.10 -5.48 -1.92 | 42.75 -4.84 -1.93 | 43.84 -5.03 -1.41 | 42.63 -4.97 -1.11 | 45.44 -5.24 -0.75 | 44.03 -5.05 -1.45 | 42.11 -4.48 -2.65 | 44.39 -4.62 -3.23 | 53.00 -4.16 -3.77 | 54.47 -4.00 -4.43 | 54.32 -4.00 -4.24 | 54.45 -4.04 -4.63 | 54.19 -4.17 -4.16 | 52.54 -4.22 -3.35 | 51.07 -5.13 -2.73 | 51.58 -4.27 -2.43 | 52.39 -4.14 -4.09 | 62.48 -4.88 -4.74 | 67.68 -5.63 -3.76 | 59.69 -5.34 -3.66 | 54.25 -4.34 -4.33 | 54.01 -4.02 -4.42 | 51.33 -4.23 -2.06 | 49.88 -4.67 -1.50 |
| NEG CENTRAL___DRP 24199 | 50.43 -2.74 -1.51 | 44.92 -2.42 -1.68 | 45.92 -2.56 -1.02 | 44.78 -2.51 -0.81 | 47.50 -2.70 -0.26 | 46.43 -2.52 -1.33 | 43.72 -2.20 -1.97 | 46.18 -2.11 -2.50 | 54.06 -1.82 -2.48 | 55.47 -1.62 -3.05 | 55.51 -1.62 -3.06 | 55.40 -1.67 -3.21 | 55.16 -1.79 -2.74 | 53.65 -1.82 -2.06 | 52.68 -2.35 -1.55 | 52.74 -1.92 -1.24 | 53.58 -1.84 -2.98 | 64.63 -1.82 -3.83 | 70.63 -2.02 -3.10 | 62.70 -2.03 -3.36 | 56.40 -1.68 -3.82 | 55.16 -1.72 -3.27 | 52.91 -1.98 -1.39 | 51.65 -2.33 -0.93 |
| NEG CENTRAL___INDECK 23768 | 50.25 -3.62 -2.22 | 44.81 -3.24 -2.39 | 45.62 -3.37 -1.52 | 44.35 -3.35 -1.21 | 46.95 -3.50 -0.50 | 46.17 -3.33 -1.88 | 44.02 -2.86 -2.93 | 46.71 -2.75 -3.67 | 55.34 -1.87 -3.81 | 57.05 -1.62 -4.63 | 57.09 -1.57 -4.58 | 57.00 -1.72 -4.87 | 56.52 -1.90 -4.21 | 54.66 -1.98 -3.23 | 52.98 -2.99 -2.50 | 53.36 -2.14 -2.06 | 54.95 -1.94 -4.45 | 66.31 -1.88 -5.57 | 71.81 -2.23 -4.49 | 63.71 -2.39 -4.73 | 57.90 -1.79 -5.44 | 56.76 -1.72 -4.87 | 53.53 -2.09 -2.12 | 51.80 -2.71 -1.46 |
| NEG CENTRAL___SENECA 23627 | 49.90 -3.51 -1.76 | 44.44 -3.15 -1.93 | 45.38 -3.28 -1.19 | 44.18 -3.25 -0.95 | 46.83 -3.45 -0.34 | 45.87 -3.29 -1.53 | 43.40 -2.86 -2.31 | 46.00 -2.70 -2.91 | 53.93 -2.40 -2.94 | 55.47 -2.16 -3.60 | 55.56 -2.11 -3.59 | 55.44 -2.21 -3.78 | 55.12 -2.33 -3.24 | 53.46 -2.40 -2.46 | 52.30 -3.05 -1.87 | 52.43 -2.51 -1.51 | 53.57 -2.36 -3.49 | 64.69 -2.38 -4.45 | 70.50 -2.64 -3.60 | 62.59 -2.64 -3.86 | 56.49 -2.17 -4.41 | 55.24 -2.20 -3.83 | 52.62 -2.51 -1.65 | 51.19 -2.97 -1.11 |

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| NEG CENTRAL___STATE_STREET 24147 | 50.77 -2.32 -1.44 | 45.21 -2.05 -1.60 | 46.24 -2.18 -0.96 | 45.06 -2.18 -0.76 | 47.85 -2.30 -0.22 | 46.72 -2.19 -1.28 | 44.01 -1.80 -1.86 | 46.50 -1.65 -2.36 | 54.42 -1.28 -2.31 | 55.86 -1.03 -2.86 | 55.92 -1.03 -2.88 | 55.79 -1.08 -3.01 | 55.57 -1.19 -2.55 | 53.97 -1.34 -1.90 | 53.08 -1.82 -1.42 | 53.10 -1.44 -1.11 | 53.98 -1.26 -2.80 | 65.26 -1.00 -3.64 | 71.39 -1.11 -2.96 | 63.37 -1.23 -3.23 | 56.89 -1.03 -3.67 | 55.56 -1.13 -3.08 | 53.30 -1.50 -1.30 | 51.95 -1.96 -0.86 |
| NEG MILLWOOD___DRP 24198 | 65.74 4.18 -9.91 | 60.92 3.47 -11.79 | 57.28 3.65 -6.16 | 54.94 3.53 -4.93 | 53.79 3.94 0.10 | 61.34 3.95 -9.77 | 60.05 3.78 -12.32 | 66.08 4.21 -16.08 | 72.45 5.50 -13.56 | 77.34 5.73 -17.58 | 78.49 5.95 -18.47 | 78.45 5.92 -18.66 | 75.15 5.91 -15.03 | 69.44 5.71 -10.31 | 66.01 5.61 -6.92 | 63.42 5.56 -4.43 | 76.15 5.56 -18.16 | 95.52 7.33 -25.57 | 99.08 8.48 -21.05 | 93.25 7.30 -24.58 | 87.93 6.40 -27.27 | 79.74 5.90 -20.24 | 66.66 5.30 -7.87 | 62.65 4.88 -4.72 |
| NEG NORTH_FLCN_SEA 23793 | 50.05 -1.60 0.00 | 44.24 -1.42 0.00 | 45.99 -1.47 0.00 | 45.09 -1.39 0.00 | 48.34 -1.60 0.00 | 46.00 -1.62 0.00 | 42.50 -1.45 0.00 | 44.64 -1.14 0.00 | 51.26 -2.14 0.00 | 51.98 -2.05 0.00 | 52.08 -2.00 0.00 | 51.76 -2.10 0.00 | 52.15 -2.06 0.00 | 51.43 -1.98 0.00 | 51.66 -1.82 0.00 | 51.46 -1.98 0.00 | 50.50 -1.94 0.00 | 60.55 -2.07 0.00 | 66.77 -2.78 0.00 | 59.04 -2.33 0.00 | 52.03 -2.22 0.00 | 51.46 -2.14 0.00 | 51.57 -1.93 0.00 | 51.20 -1.86 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 50.47 -1.19 0.00 | 44.66 -1.00 0.00 | 46.42 -1.04 0.00 | 45.46 -1.02 0.00 | 48.74 -1.20 0.00 | 46.43 -1.19 0.00 | 42.85 -1.10 0.00 | 44.92 -0.87 0.00 | 51.63 -1.76 0.00 | 52.31 -1.73 0.00 | 52.40 -1.68 0.00 | 52.14 -1.72 0.00 | 52.48 -1.73 0.00 | 51.81 -1.60 0.00 | 52.03 -1.44 0.00 | 51.83 -1.60 0.00 | 50.86 -1.57 0.00 | 60.87 -1.75 0.00 | 67.18 -2.36 0.00 | 59.40 -1.96 0.00 | 52.41 -1.84 0.00 | 51.84 -1.77 0.00 | 51.94 -1.55 0.00 | 51.62 -1.43 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 50.52 -1.14 0.00 | 44.70 -0.96 0.00 | 46.47 -1.00 0.00 | 45.55 -0.93 0.00 | 48.79 -1.15 0.00 | 46.43 -1.19 0.00 | 42.94 -1.01 0.00 | 45.19 -0.60 0.00 | 51.84 -1.55 0.00 | 52.58 -1.46 0.00 | 52.67 -1.41 0.00 | 52.41 -1.45 0.00 | 52.80 -1.41 0.00 | 52.02 -1.39 0.00 | 52.25 -1.23 0.00 | 52.04 -1.39 0.00 | 51.13 -1.31 0.00 | 61.37 -1.25 0.00 | 67.60 -1.95 0.00 | 59.77 -1.60 0.00 | 52.68 -1.57 0.00 | 52.05 -1.55 0.00 | 52.10 -1.39 0.00 | 51.73 -1.33 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 50.52 -1.14 0.00 | 44.70 -0.96 0.00 | 46.47 -1.00 0.00 | 45.55 -0.93 0.00 | 48.79 -1.15 0.00 | 46.43 -1.19 0.00 | 42.94 -1.01 0.00 | 45.19 -0.60 0.00 | 51.84 -1.55 0.00 | 52.58 -1.46 0.00 | 52.67 -1.41 0.00 | 52.41 -1.45 0.00 | 52.80 -1.41 0.00 | 52.07 -1.34 0.00 | 52.25 -1.23 0.00 | 52.04 -1.39 0.00 | 51.13 -1.31 0.00 | 61.37 -1.25 0.00 | 67.60 -1.95 0.00 | 59.77 -1.60 0.00 | 52.68 -1.57 0.00 | 52.05 -1.55 0.00 | 52.10 -1.39 0.00 | 51.73 -1.33 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 50.52 -1.14 0.00 | 44.70 -0.96 0.00 | 46.47 -1.00 0.00 | 45.55 -0.93 0.00 | 48.79 -1.15 0.00 | 46.43 -1.19 0.00 | 42.94 -1.01 0.00 | 45.19 -0.60 0.00 | 51.84 -1.55 0.00 | 52.58 -1.46 0.00 | 52.67 -1.41 0.00 | 52.41 -1.45 0.00 | 52.80 -1.41 0.00 | 52.02 -1.39 0.00 | 52.25 -1.23 0.00 | 52.04 -1.39 0.00 | 51.13 -1.31 0.00 | 61.37 -1.25 0.00 | 67.60 -1.95 0.00 | 59.77 -1.60 0.00 | 52.68 -1.57 0.00 | 52.05 -1.55 0.00 | 52.10 -1.39 0.00 | 51.73 -1.33 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 41.23 -6.41 4.02 | 38.16 -5.80 1.70 | 37.16 -5.98 4.33 | 37.15 -5.95 3.38 | 37.16 -6.14 6.64 | 41.48 -6.05 0.10 | 30.94 -5.80 7.20 | 32.34 -6.00 7.45 | 32.40 -5.55 15.43 | 32.54 -5.46 16.04 | 35.34 -5.52 13.22 | 31.96 -5.55 16.35 | 31.58 -5.75 16.88 | 31.76 -5.71 15.93 | 31.41 -7.22 14.84 | 32.23 -5.77 15.43 | 34.48 -5.66 12.29 | 47.55 -6.64 8.43 | 55.82 -8.00 5.73 | 53.55 -7.55 0.27 | 45.55 -6.02 2.68 | 35.62 -5.47 12.52 | 40.32 -5.35 7.82 | 40.28 -5.78 6.99 |
| NEG WEST___LANCASTR 23811 | 42.05 -6.77 2.84 | 38.75 -6.12 0.80 | 37.81 -6.36 3.30 | 37.64 -6.28 2.57 | 37.83 -6.54 5.57 | 41.73 -6.33 -0.44 | 32.81 -5.76 5.38 | 34.72 -5.68 5.39 | 35.47 -5.71 12.21 | 35.91 -5.62 12.50 | 38.41 -5.57 10.10 | 35.33 -5.82 12.71 | 34.90 -5.96 13.35 | 34.68 -5.93 12.80 | 34.51 -6.90 12.07 | 34.71 -6.04 12.69 | 37.23 -5.87 9.34 | 50.59 -6.32 5.71 | 58.63 -7.23 3.69 | 55.69 -6.75 -1.07 | 47.70 -5.75 0.80 | 38.62 -5.58 9.41 | 41.53 -5.83 6.14 | 41.19 -6.26 5.60 |
| NEG_PENN_ALLEGHNY 23528 | 53.58 -0.83 -2.76 | 48.32 -0.87 -3.53 | 48.13 -0.90 -1.56 | 46.81 -0.93 -1.26 | 48.47 -0.90 0.57 | 49.80 -0.86 -3.03 | 46.53 -0.66 -3.25 | 49.77 -0.41 -4.40 | 56.09 -0.27 -2.96 | 58.09 -0.11 -4.16 | 58.69 -0.05 -4.67 | 58.17 -0.16 -4.47 | 57.24 -0.27 -3.30 | 55.05 -0.27 -1.91 | 53.94 -0.48 -0.94 | 53.13 -0.43 -0.12 | 56.77 -0.31 -4.65 | 70.01 0.13 -7.27 | 75.91 0.28 -6.08 | 69.12 0.12 -7.63 | 62.63 0.11 -8.27 | 58.78 -0.11 -5.28 | 54.88 -0.43 -1.81 | 53.26 -0.69 -0.90 |
| NEG___GEN_MONROE 24207 | 42.10 -4.91 4.65 | 39.11 -4.34 2.21 | 38.10 -4.51 4.86 | 38.22 -4.46 3.80 | 38.10 -4.69 7.14 | 42.67 -4.52 0.43 | 31.79 -4.00 8.16 | 33.12 -4.12 8.55 | 33.07 -3.26 17.06 | 33.11 -3.08 17.84 | 36.10 -3.14 14.84 | 32.52 -3.12 18.22 | 32.23 -3.31 18.67 | 32.55 -3.36 17.49 | 32.78 -4.49 16.21 | 33.21 -3.47 16.75 | 35.35 -3.25 13.83 | 48.88 -3.82 9.92 | 58.16 -4.52 6.86 | 55.85 -4.42 1.10 | 47.05 -3.42 3.78 | 36.35 -3.11 14.14 | 41.50 -3.32 8.68 | 41.50 -3.87 7.68 |
| NEPA___ENERGY 23901 | 42.53 -7.28 1.84 | 39.04 -6.58 0.04 | 38.22 -6.84 2.41 | 37.82 -6.79 1.87 | 38.23 -7.09 4.62 | 41.83 -6.67 -0.87 | 34.24 -5.89 3.82 | 36.44 -5.72 3.63 | 37.62 -6.35 9.41 | 38.32 -6.27 9.45 | 40.45 -6.22 7.41 | 37.84 -6.46 9.56 | 37.26 -6.67 10.28 | 36.72 -6.62 10.07 | 36.83 -7.01 9.64 | 36.36 -6.79 10.29 | 39.09 -6.55 6.79 | 52.33 -6.89 3.40 | 60.15 -7.44 1.96 | 56.85 -6.69 -2.17 | 48.99 -6.02 -0.76 | 40.64 -6.22 6.75 | 42.13 -6.69 4.68 | 41.76 -6.90 4.40 |
| NEVERSINK___HYD 23608 | 63.36 3.36 -8.35 | 58.35 2.74 -9.95 | 55.59 2.94 -5.18 | 53.51 2.88 -4.15 | 53.03 3.20 0.10 | 59.01 3.14 -8.25 | 57.27 2.94 -10.38 | 62.86 3.53 -13.55 | 69.37 4.59 -11.39 | 73.57 4.76 -14.78 | 74.65 5.03 -15.55 | 74.62 5.06 -15.70 | 71.83 4.99 -12.63 | 66.92 4.86 -8.65 | 63.97 4.71 -5.79 | 61.82 4.70 -3.68 | 72.50 4.77 -15.29 | 90.38 6.20 -21.56 | 94.53 7.23 -17.75 | 88.44 6.32 -20.75 | 82.75 5.48 -23.02 | 75.74 5.09 -17.04 | 64.66 4.55 -6.62 | 60.99 3.98 -3.96 |
| NEWTON___FALLS_HYD 23847 | 49.64 -2.01 0.00 | 43.93 -1.74 0.00 | 45.66 -1.80 0.00 | 44.76 -1.72 0.00 | 47.99 -1.95 0.00 | 45.62 -2.00 0.00 | 42.14 -1.80 0.00 | 45.10 -0.69 0.00 | 51.58 -1.82 0.00 | 53.17 -0.86 0.00 | 53.26 -0.81 0.00 | 53.11 -0.75 0.00 | 52.37 -1.84 0.00 | 51.59 -1.82 0.00 | 51.55 -1.93 0.00 | 51.51 -1.92 0.00 | 50.60 -1.84 0.00 | 60.99 -1.63 0.00 | 67.67 -1.88 0.00 | 60.63 -0.74 0.00 | 53.50 -0.76 0.00 | 51.73 -1.88 0.00 | 51.78 -1.71 0.00 | 51.20 -1.86 0.00 |
| NIAGARA___ 23760 | 41.06 -6.61 3.98 | 38.05 -5.94 1.67 | 37.00 -6.17 4.29 | 37.04 -6.09 3.36 | 37.04 -6.29 6.60 | 41.30 -6.24 0.09 | 30.78 -6.02 7.15 | 32.08 -6.32 7.39 | 32.03 -6.03 15.33 | 32.17 -5.94 15.93 | 35.00 -5.95 13.13 | 31.64 -5.98 16.24 | 31.31 -6.13 16.77 | 31.44 -6.14 15.83 | 31.08 -7.65 14.75 | 31.90 -6.20 15.33 | 34.15 -6.93 12.20 | 46.93 -7.33 8.36 | 55.04 -8.83 5.68 | 52.84 -8.28 0.25 | 45.00 -6.62 2.64 | 35.28 -5.90 12.43 | 40.00 -5.72 7.77 | 40.01 -6.10 6.94 |
| NINE_MILE_1 23575 | 50.44 -1.81 -0.60 | 44.77 -1.60 -0.71 | 46.18 -1.66 -0.37 | 45.15 -1.63 -0.30 | 48.19 -1.75 0.00 | 46.54 -1.67 -0.58 | 43.19 -1.49 -0.74 | 45.24 -1.51 -0.97 | 52.72 -1.49 -0.82 | 53.64 -1.46 -1.06 | 53.73 -1.46 -1.12 | 53.54 -1.45 -1.13 | 53.61 -1.52 -0.91 | 52.49 -1.55 -0.63 | 52.19 -1.71 -0.43 | 52.16 -1.55 -0.28 | 52.01 -1.52 -1.10 | 62.46 -1.69 -1.54 | 68.93 -1.88 -1.26 | 61.12 -1.72 -1.47 | 54.37 -1.52 -1.63 | 53.33 -1.50 -1.22 | 52.37 -1.60 -0.48 | 51.64 -1.70 -0.29 |

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| NINE_MILE_2 23744 | 50.44 -1.81 -0.59 | 44.76 -1.60 -0.70 | 46.17 -1.66 -0.37 | 45.15 -1.63 -0.30 | 48.19 -1.75 0.00 | 46.54 -1.67 -0.58 | 43.19 -1.49 -0.74 | 45.24 -1.51 -0.96 | 52.71 -1.49 -0.82 | 53.63 -1.46 -1.06 | 53.72 -1.46 -1.11 | 53.53 -1.45 -1.12 | 53.60 -1.52 -0.91 | 52.49 -1.55 -0.63 | 52.19 -1.71 -0.42 | 52.16 -1.55 -0.28 | 52.01 -1.52 -1.09 | 62.45 -1.69 -1.53 | 68.92 -1.88 -1.25 | 61.11 -1.72 -1.46 | 54.41 -1.46 -1.62 | 53.32 -1.50 -1.21 | 52.36 -1.60 -0.47 | 51.64 -1.70 -0.29 |
| NM_CAPITAL___DRP 24208 | 67.53 3.41 -12.46 | 63.45 3.01 -14.78 | 58.33 3.09 -7.78 | 55.73 3.02 -6.22 | 53.13 3.20 0.00 | 62.89 3.05 -12.22 | 62.39 2.90 -15.54 | 68.96 2.93 -20.24 | 73.67 3.04 -17.23 | 79.33 3.03 -22.27 | 80.28 2.87 -23.34 | 80.30 2.80 -23.64 | 76.07 2.76 -19.10 | 69.37 2.78 -13.18 | 65.18 2.78 -8.92 | 62.03 2.78 -5.81 | 77.99 2.62 -22.93 | 97.95 3.19 -32.14 | 99.60 3.62 -26.43 | 95.19 3.07 -30.75 | 91.13 2.71 -34.16 | 81.82 2.68 -25.54 | 66.31 2.84 -9.98 | 61.95 2.86 -6.03 |
| NM_CENTRAL___DRP 24181 | 51.44 -0.98 -0.77 | 45.71 -0.87 -0.91 | 47.05 -0.90 -0.48 | 45.94 -0.93 -0.38 | 48.99 -0.95 0.00 | 47.47 -0.90 -0.76 | 44.12 -0.79 -0.96 | 46.35 -0.69 -1.25 | 53.98 -0.48 -1.07 | 55.03 -0.38 -1.38 | 55.20 -0.32 -1.44 | 55.00 -0.32 -1.46 | 54.96 -0.43 -1.18 | 53.74 -0.48 -0.82 | 53.33 -0.70 -0.55 | 53.26 -0.53 -0.36 | 53.44 -0.42 -1.42 | 64.23 -0.38 -1.99 | 70.83 -0.35 -1.63 | 62.84 -0.43 -1.90 | 55.99 -0.38 -2.11 | 54.76 -0.43 -1.58 | 53.47 -0.64 -0.62 | 52.52 -0.90 -0.37 |
| NM_FRONTIER___DRP 24179 | 41.18 -6.56 3.91 | 38.15 -5.89 1.62 | 37.11 -6.12 4.23 | 37.13 -6.04 3.31 | 37.15 -6.24 6.54 | 41.38 -6.19 0.05 | 30.93 -5.98 7.04 | 32.29 -6.23 7.27 | 32.37 -5.87 15.15 | 32.53 -5.78 15.72 | 35.29 -5.84 12.95 | 31.96 -5.87 16.03 | 31.62 -6.02 16.57 | 31.72 -6.04 15.65 | 31.29 -7.59 14.60 | 32.16 -6.09 15.18 | 34.43 -5.98 12.03 | 47.28 -7.14 8.20 | 55.37 -8.62 5.56 | 53.11 -8.10 0.16 | 45.28 -6.46 2.52 | 35.57 -5.79 12.25 | 40.20 -5.62 7.67 | 40.19 -5.99 6.86 |
| NM_ST_REGIS___HYD 24053 | 49.85 -1.81 0.00 | 44.15 -1.51 0.00 | 45.85 -1.61 0.00 | 45.00 -1.49 0.00 | 48.19 -1.75 0.00 | 45.86 -1.76 0.00 | 42.41 -1.54 0.00 | 45.24 -0.55 0.00 | 51.47 -1.92 0.00 | 52.74 -1.30 0.00 | 52.89 -1.19 0.00 | 52.68 -1.18 0.00 | 52.15 -2.06 0.00 | 51.49 -1.92 0.00 | 51.66 -1.82 0.00 | 51.51 -1.92 0.00 | 50.50 -1.94 0.00 | 60.74 -1.88 0.00 | 67.11 -2.43 0.00 | 60.08 -1.29 0.00 | 52.95 -1.30 0.00 | 51.52 -2.09 0.00 | 51.62 -1.87 0.00 | 51.25 -1.80 0.00 |
| NORTHPORT___1 23551 | 65.84 4.49 -9.69 | 60.94 3.74 -11.53 | 60.67 4.94 -8.27 | 56.10 4.79 -4.82 | 55.08 5.24 0.10 | 62.23 5.05 -9.55 | 60.48 4.48 -12.05 | 66.09 4.58 -15.72 | 73.21 6.57 -13.25 | 99.59 6.65 -38.91 | 105.91 6.76 -45.07 | 106.18 6.73 -45.58 | 104.31 6.72 -43.38 | 104.31 6.57 -44.33 | 104.31 6.47 -44.36 | 105.30 6.36 -45.51 | 107.76 6.40 -48.93 | 120.83 8.14 -50.07 | 134.10 9.25 -55.30 | 122.03 8.04 -52.62 | 111.90 7.05 -50.59 | 110.35 6.70 -50.04 | 103.63 6.26 -43.88 | 69.67 6.05 -10.57 |
| NORTHPORT___2 23552 | 65.84 4.49 -9.69 | 60.94 3.74 -11.53 | 60.67 4.94 -8.27 | 56.10 4.79 -4.82 | 55.08 5.24 0.10 | 62.23 5.05 -9.55 | 60.48 4.48 -12.05 | 66.09 4.58 -15.72 | 73.21 6.57 -13.25 | 99.59 6.65 -38.91 | 105.91 6.76 -45.07 | 106.18 6.73 -45.58 | 104.31 6.72 -43.38 | 104.31 6.57 -44.33 | 104.31 6.47 -44.36 | 105.30 6.36 -45.51 | 107.76 6.40 -48.93 | 120.83 8.14 -50.07 | 134.10 9.25 -55.30 | 122.03 8.04 -52.62 | 111.90 7.05 -50.59 | 110.35 6.70 -50.04 | 103.63 6.26 -43.88 | 69.67 6.05 -10.57 |
| NORTHPORT___3 23553 | 65.58 4.24 -9.69 | 60.71 3.52 -11.53 | 60.24 4.51 -8.27 | 55.68 4.37 -4.82 | 54.63 4.79 0.10 | 61.84 4.67 -9.55 | 60.17 4.17 -12.05 | 65.82 4.30 -15.72 | 72.84 6.19 -13.25 | 99.27 6.32 -38.91 | 105.42 6.27 -45.07 | 105.69 6.25 -45.58 | 103.88 6.29 -43.38 | 103.88 6.14 -44.33 | 103.88 6.04 -44.36 | 104.87 5.93 -45.51 | 107.24 5.87 -48.93 | 120.08 7.39 -50.07 | 133.33 8.48 -55.30 | 121.35 7.36 -52.62 | 111.31 6.46 -50.59 | 109.81 6.16 -50.04 | 103.25 5.88 -43.88 | 69.35 5.73 -10.57 |
| NORTHPORT___4 23650 | 65.58 4.24 -9.69 | 60.71 3.52 -11.53 | 60.24 4.51 -8.27 | 55.68 4.37 -4.82 | 54.63 4.79 0.10 | 61.84 4.67 -9.55 | 60.17 4.17 -12.05 | 65.82 4.30 -15.72 | 72.84 6.19 -13.25 | 99.27 6.32 -38.91 | 105.42 6.27 -45.07 | 105.69 6.25 -45.58 | 103.88 6.29 -43.38 | 103.88 6.14 -44.33 | 103.88 6.04 -44.36 | 104.87 5.93 -45.51 | 107.24 5.87 -48.93 | 120.08 7.39 -50.07 | 133.33 8.48 -55.30 | 121.35 7.36 -52.62 | 111.31 6.46 -50.59 | 109.81 6.16 -50.04 | 103.25 5.88 -43.88 | 69.35 5.73 -10.57 |
| NORTHPORT___IC 23718 | 65.84 4.49 -9.69 | 60.94 3.74 -11.53 | 60.67 4.94 -8.27 | 56.10 4.79 -4.82 | 55.08 5.24 0.10 | 62.23 5.05 -9.55 | 60.48 4.48 -12.05 | 66.09 4.58 -15.72 | 73.21 6.57 -13.25 | 99.59 6.65 -38.91 | 105.91 6.76 -45.07 | 106.18 6.73 -45.58 | 104.31 6.72 -43.38 | 104.31 6.57 -44.33 | 104.31 6.47 -44.36 | 105.30 6.36 -45.51 | 107.76 6.40 -48.93 | 120.83 8.14 -50.07 | 134.10 9.25 -55.30 | 122.03 8.04 -52.62 | 111.90 7.05 -50.59 | 110.35 6.70 -50.04 | 103.63 6.26 -43.88 | 69.67 6.05 -10.57 |
| NPX_GEN_1385_PROXY 323591 | 65.89 4.55 -9.69 | 61.03 3.84 -11.53 | 60.76 5.03 -8.27 | 56.19 4.88 -4.82 | 55.18 5.34 0.10 | 58.05 5.14 -5.29 | 64.79 4.53 -16.32 | 66.14 4.62 -15.72 | 73.32 6.67 -13.25 | 99.70 6.75 -38.91 | 106.02 6.87 -45.07 | 106.28 6.84 -45.58 | 104.42 6.83 -43.38 | 104.36 6.62 -44.33 | 104.41 6.58 -44.36 | 105.40 6.47 -45.51 | 108.75 6.45 -49.86 | 120.02 8.27 -49.13 | 134.17 9.32 -55.30 | 122.15 8.16 -52.62 | 112.01 7.16 -50.59 | 110.40 6.75 -50.04 | 103.74 6.37 -43.88 | 69.77 6.15 -10.57 |
| NPX_GEN_CSC 323557 | 65.73 4.39 -9.69 | 61.03 3.84 -11.53 | 61.24 5.51 -8.27 | 56.70 5.39 -4.82 | 55.68 5.84 0.10 | 58.53 5.62 -5.29 | 64.92 4.66 -16.32 | 66.05 4.53 -15.72 | 73.43 6.78 -13.25 | 99.81 6.86 -38.91 | 106.12 6.98 -45.07 | 106.39 6.95 -45.58 | 104.53 6.94 -43.38 | 104.47 6.73 -44.33 | 104.52 6.68 -44.36 | 105.56 6.63 -45.51 | 108.91 6.61 -49.86 | 120.39 8.64 -49.13 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.28 7.43 -50.59 | 110.62 6.97 -50.04 | 103.79 6.42 -43.88 | 69.77 6.15 -10.57 |
| NSINS_S_GLNS_FALLS 23858 | 68.65 4.24 -12.76 | 64.44 3.65 -15.13 | 59.09 3.65 -7.97 | 56.43 3.58 -6.37 | 53.63 3.70 0.00 | 63.66 3.52 -12.51 | 63.37 3.52 -15.91 | 69.72 3.21 -20.72 | 74.61 3.58 -17.64 | 80.89 4.05 -22.80 | 82.46 4.49 -23.89 | 82.58 4.52 -24.20 | 77.99 4.23 -19.55 | 70.91 4.01 -13.50 | 66.78 4.17 -9.14 | 63.45 4.06 -5.95 | 79.69 3.78 -23.48 | 99.97 4.45 -32.90 | 101.62 5.01 -27.06 | 97.52 4.66 -31.48 | 93.35 4.12 -34.97 | 83.77 4.02 -26.15 | 68.21 4.49 -10.22 | 63.79 4.56 -6.17 |
| NUCOR_STEEL___DRP 24197 | 50.42 -2.63 -1.40 | 44.91 -2.33 -1.57 | 45.93 -2.47 -0.93 | 44.76 -2.46 -0.74 | 47.54 -2.60 -0.20 | 46.46 -2.43 -1.26 | 43.70 -2.07 -1.82 | 46.17 -1.92 -2.31 | 54.02 -1.60 -2.23 | 55.46 -1.35 -2.77 | 55.58 -1.30 -2.80 | 55.44 -1.35 -2.92 | 55.16 -1.52 -2.47 | 53.58 -1.66 -1.83 | 52.70 -2.14 -1.36 | 52.78 -1.71 -1.06 | 53.59 -1.57 -2.73 | 64.74 -1.44 -3.56 | 70.91 -1.53 -2.90 | 62.95 -1.60 -3.18 | 56.50 -1.36 -3.60 | 55.16 -1.45 -3.00 | 52.99 -1.77 -1.26 | 51.60 -2.28 -0.83 |
| NYISO_LBMP_REFERENCE 24008 | 51.65 0.00 0.00 | 45.66 0.00 0.00 | 47.47 0.00 0.00 | 46.48 0.00 0.00 | 49.94 0.00 0.00 | 47.62 0.00 0.00 | 43.95 0.00 0.00 | 45.79 0.00 0.00 | 53.39 0.00 0.00 | 54.03 0.00 0.00 | 54.08 0.00 0.00 | 53.86 0.00 0.00 | 54.21 0.00 0.00 | 53.41 0.00 0.00 | 53.48 0.00 0.00 | 53.43 0.00 0.00 | 52.44 0.00 0.00 | 62.62 0.00 0.00 | 69.55 0.00 0.00 | 61.37 0.00 0.00 | 54.26 0.00 0.00 | 53.61 0.00 0.00 | 53.49 0.00 0.00 | 53.05 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 66.25 4.91 -9.69 | 61.30 4.11 -11.53 | 61.14 5.41 -8.27 | 56.56 5.25 -4.82 | 55.58 5.74 0.10 | 62.70 5.52 -9.55 | 60.83 4.83 -12.05 | 66.46 4.95 -15.72 | 73.75 7.10 -13.25 | 100.19 7.24 -38.91 | 106.50 7.35 -45.07 | 106.82 7.38 -45.58 | 104.91 7.32 -43.38 | 104.89 7.16 -44.33 | 104.90 7.06 -44.36 | 105.94 7.00 -45.51 | 108.39 7.03 -48.93 | 121.58 8.89 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.50 7.65 -50.59 | 111.05 7.40 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NYPA_GOWANUS____GT5 24156 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.00 6.59 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NYPA_GOWANUS____GT6 24157 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.00 6.59 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |
| NYPA_HARLEM__RVR__GT1 24160 | 110.87 4.80 -54.41 | 86.45 3.88 -36.91 | 86.95 4.18 -35.31 | 87.32 4.09 -36.74 | 69.60 4.49 -15.17 | 61.80 4.62 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.70 5.94 -51.72 | 114.61 6.16 -54.37 | 115.11 6.14 -55.11 | 116.35 6.07 -56.06 | 116.35 5.87 -57.06 | 116.32 5.88 -56.96 | 114.19 5.72 -55.04 | 116.40 5.72 -58.25 | 123.75 7.76 -53.37 | 129.06 9.04 -50.48 | 123.81 7.86 -54.59 | 123.70 6.67 -62.77 | 119.68 6.33 -59.74 | 117.18 5.51 -58.17 | 115.02 5.15 -56.82 |
| NYPA_HARLEM__RVR__GT2 24161 | 110.87 4.80 -54.41 | 86.45 3.88 -36.91 | 86.95 4.18 -35.31 | 87.32 4.09 -36.74 | 69.60 4.49 -15.17 | 61.80 4.62 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.70 5.94 -51.72 | 114.61 6.16 -54.37 | 115.11 6.14 -55.11 | 116.35 6.07 -56.06 | 116.35 5.87 -57.06 | 116.32 5.88 -56.96 | 114.19 5.72 -55.04 | 116.40 5.72 -58.25 | 123.75 7.76 -53.37 | 129.06 9.04 -50.48 | 123.81 7.86 -54.59 | 123.70 6.67 -62.77 | 119.68 6.33 -59.74 | 117.18 5.51 -58.17 | 115.02 5.15 -56.82 |
| NYPA_KENT____GT 24152 | 115.24 4.75 -58.83 | 88.91 3.84 -39.42 | 89.84 4.18 -38.20 | 90.43 4.04 -39.90 | 71.11 4.49 -16.68 | 61.71 4.52 -9.56 | 60.27 4.26 -12.06 | 66.19 4.67 -15.73 | 74.71 6.03 -15.28 | 115.27 6.11 -55.13 | 118.47 6.44 -57.96 | 119.07 6.46 -58.75 | 122.50 6.40 -61.89 | 122.14 6.20 -62.54 | 121.55 6.15 -61.93 | 120.90 5.98 -61.49 | 122.46 6.03 -63.99 | 134.85 7.95 -64.28 | 137.25 9.11 -58.59 | 135.04 7.92 -65.75 | 137.14 6.94 -75.94 | 135.89 6.49 -75.79 | 128.93 5.94 -69.50 | 122.78 5.52 -64.21 |
| NYPA_POUCH1____GT 24155 | 122.40 4.65 -66.09 | 92.89 3.70 -43.54 | 94.45 4.03 -42.95 | 95.47 3.90 -45.08 | 73.44 4.34 -19.16 | 61.61 4.43 -9.56 | 60.18 4.17 -12.06 | 66.05 4.53 -15.73 | 74.84 5.87 -15.58 | 120.77 6.00 -60.73 | 124.30 6.38 -63.85 | 125.00 6.41 -64.73 | 129.42 6.34 -68.86 | 129.83 6.14 -70.28 | 129.65 6.10 -70.07 | 129.24 5.88 -69.93 | 129.18 5.93 -70.82 | 129.90 7.83 -59.45 | 129.87 9.04 -51.28 | 129.33 7.79 -60.17 | 140.10 6.84 -79.01 | 140.10 6.38 -80.11 | 140.10 5.88 -80.72 | 131.53 5.46 -73.02 |
| NYPA_VERNON____GT2 24162 | 119.59 4.70 -63.24 | 91.37 3.79 -41.92 | 92.68 4.13 -41.09 | 93.52 4.00 -43.04 | 72.56 4.44 -18.18 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.78 5.93 -15.46 | 118.62 6.05 -58.53 | 121.94 6.33 -61.53 | 122.60 6.36 -62.38 | 126.62 6.29 -66.12 | 126.74 6.09 -67.24 | 126.39 6.04 -66.87 | 125.92 5.88 -66.61 | 126.45 5.87 -68.14 | 132.19 7.83 -61.75 | 136.67 8.97 -58.15 | 132.58 7.79 -63.42 | 134.23 6.78 -73.19 | 131.77 6.38 -71.79 | 131.25 5.78 -71.98 | 128.02 5.41 -69.55 |
| NYPA_VERNON____GT3 24163 | 119.59 4.70 -63.24 | 91.37 3.79 -41.92 | 92.68 4.13 -41.09 | 93.52 4.00 -43.04 | 72.56 4.44 -18.18 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.78 5.93 -15.46 | 118.62 6.05 -58.53 | 121.94 6.33 -61.53 | 122.60 6.36 -62.38 | 126.62 6.29 -66.12 | 126.74 6.09 -67.24 | 126.39 6.04 -66.87 | 125.92 5.88 -66.61 | 126.45 5.87 -68.14 | 132.19 7.83 -61.75 | 136.67 8.97 -58.15 | 132.58 7.79 -63.42 | 134.23 6.78 -73.19 | 131.77 6.38 -71.79 | 131.25 5.78 -71.98 | 128.02 5.41 -69.55 |
| NYPA__ASTORIA_CC1 323568 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| NYPA__ASTORIA_CC2 323569 | 110.71 4.65 -54.41 | 86.36 3.79 -36.91 | 86.90 4.13 -35.31 | 87.22 4.00 -36.74 | 69.55 4.44 -15.17 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.80 6.05 -51.72 | 114.77 6.33 -54.37 | 115.27 6.30 -55.11 | 118.09 6.23 -57.64 | 117.26 6.04 -57.82 | 116.43 5.99 -56.96 | 115.60 5.82 -56.34 | 118.14 5.87 -59.83 | 123.75 7.76 -53.37 | 128.99 8.97 -50.48 | 123.75 7.79 -54.59 | 123.75 6.73 -62.77 | 119.68 6.33 -59.74 | 119.42 5.72 -60.20 | 117.26 5.36 -58.85 |
| NYPA__HOLTSVILL 23794 | 65.89 4.55 -9.69 | 61.03 3.84 -11.53 | 61.05 5.32 -8.27 | 56.47 5.16 -4.82 | 55.48 5.64 0.10 | 62.61 5.43 -9.55 | 60.66 4.66 -12.05 | 66.14 4.62 -15.72 | 73.48 6.83 -13.25 | 99.86 6.92 -38.91 | 106.12 6.98 -45.07 | 106.45 7.00 -45.58 | 104.58 6.99 -43.38 | 104.52 6.78 -44.33 | 104.52 6.68 -44.36 | 105.56 6.63 -45.51 | 108.02 6.66 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| NYPA__HELLGATE_GT1 24158 | 110.87 4.80 -54.41 | 86.45 3.88 -36.91 | 86.95 4.18 -35.31 | 87.32 4.09 -36.74 | 69.60 4.49 -15.17 | 61.80 4.62 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.70 5.94 -51.72 | 114.61 6.16 -54.37 | 115.11 6.14 -55.11 | 116.35 6.07 -56.06 | 116.35 5.87 -57.06 | 116.32 5.88 -56.96 | 114.19 5.72 -55.04 | 116.40 5.72 -58.25 | 123.75 7.76 -53.37 | 129.06 9.04 -50.48 | 123.81 7.86 -54.59 | 123.70 6.67 -62.77 | 119.68 6.33 -59.74 | 117.18 5.51 -58.17 | 115.02 5.15 -56.82 |
| NYPA__HELLGATE_GT2 24159 | 110.87 4.80 -54.41 | 86.45 3.88 -36.91 | 86.95 4.18 -35.31 | 87.32 4.09 -36.74 | 69.60 4.49 -15.17 | 61.80 4.62 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.42 5.93 -15.10 | 111.70 5.94 -51.72 | 114.61 6.16 -54.37 | 115.11 6.14 -55.11 | 116.35 6.07 -56.06 | 116.35 5.87 -57.06 | 116.32 5.88 -56.96 | 114.19 5.72 -55.04 | 116.40 5.72 -58.25 | 123.75 7.76 -53.37 | 129.06 9.04 -50.48 | 123.81 7.86 -54.59 | 123.70 6.67 -62.77 | 119.68 6.33 -59.74 | 117.18 5.51 -58.17 | 115.02 5.15 -56.82 |
| NYS_BARGE____HYD 23848 | 41.27 -6.35 4.04 | 38.19 -5.75 1.71 | 37.19 -5.93 4.34 | 37.24 -5.86 3.39 | 37.20 -6.09 6.65 | 41.51 -6.00 0.11 | 31.01 -5.71 7.23 | 32.40 -5.91 7.48 | 32.47 -5.45 15.47 | 32.60 -5.35 16.08 | 35.40 -5.41 13.27 | 32.02 -5.44 16.40 | 31.70 -5.58 16.93 | 31.83 -5.61 15.97 | 31.49 -7.11 14.87 | 32.31 -5.66 15.45 | 34.60 -5.51 12.33 | 47.63 -6.51 8.48 | 55.99 -7.79 5.77 | 53.70 -7.36 0.31 | 45.62 -5.91 2.72 | 35.68 -5.36 12.56 | 40.35 -5.30 7.84 | 40.32 -5.73 7.00 |
| O.H._GEN_BRUCE 24063 | 41.00 -6.61 4.04 | 38.00 -5.94 1.72 | 37.00 -6.12 4.34 | 37.00 -6.09 3.40 | 37.00 -6.29 6.64 | 37.00 -6.24 4.39 | 35.00 -5.98 2.97 | 32.02 -6.27 7.49 | 31.99 -5.93 15.48 | 32.11 -5.84 16.09 | 34.91 -5.89 13.28 | 31.52 -5.92 16.41 | 31.21 -6.07 16.93 | 31.35 -6.09 15.97 | 31.06 -7.54 14.87 | 31.84 -6.14 15.45 | 35.00 -6.03 11.41 | 45.92 -7.26 9.44 | 55.00 -8.76 5.78 | 52.88 -8.16 0.33 | 45.00 -6.51 2.75 | 35.19 -5.84 12.58 | 39.98 -5.67 7.85 | 40.00 -6.05 7.00 |
| OAK ORCHARD____HYD 24046 | 41.86 -5.01 4.79 | 38.91 -4.43 2.32 | 37.89 -4.60 4.97 | 38.04 -4.56 3.89 | 37.89 -4.79 7.25 | 42.51 -4.62 0.50 | 31.49 -4.09 8.36 | 32.75 -4.26 8.78 | 32.40 -3.58 17.41 | 32.40 -3.40 18.23 | 35.42 -3.46 15.19 | 31.79 -3.45 18.62 | 31.52 -3.63 19.06 | 31.90 -3.69 17.83 | 32.27 -4.71 16.50 | 32.65 -3.74 17.04 | 34.71 -3.57 14.16 | 48.12 -4.26 10.24 | 57.43 -5.01 7.11 | 55.24 -4.85 1.28 | 46.44 -3.80 4.02 | 35.68 -3.43 14.49 | 40.94 -3.69 8.87 | 41.09 -4.14 7.83 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| OCC_CHEM___DRP 24175 | 41.24 -6.51 3.91 | 38.16 -5.89 1.61 | 37.16 -6.08 4.23 | 37.14 -6.04 3.30 | 37.16 -6.24 6.53 | 41.38 -6.19 0.05 | 30.94 -5.98 7.03 | 32.31 -6.23 7.25 | 32.39 -5.87 15.13 | 32.55 -5.78 15.70 | 35.36 -5.79 12.93 | 31.98 -5.87 16.01 | 31.65 -6.02 16.55 | 31.80 -5.98 15.63 | 31.36 -7.54 14.58 | 32.23 -6.04 15.16 | 34.50 -5.93 12.01 | 47.37 -7.08 8.18 | 55.45 -8.55 5.54 | 53.18 -8.04 0.15 | 45.29 -6.46 2.51 | 35.59 -5.79 12.23 | 40.27 -5.56 7.66 | 40.20 -5.99 6.85 |
| OLIN_CORP_DRP 24177 | 41.31 -6.51 3.84 | 38.25 -5.84 1.56 | 37.22 -6.08 4.17 | 37.23 -6.00 3.26 | 37.27 -6.19 6.48 | 41.46 -6.14 0.02 | 31.13 -5.89 6.93 | 32.51 -6.14 7.14 | 32.67 -5.77 14.95 | 32.86 -5.67 15.51 | 35.64 -5.68 12.75 | 32.29 -5.76 15.81 | 31.95 -5.91 16.35 | 32.02 -5.93 15.46 | 31.67 -7.38 14.43 | 32.43 -5.98 15.02 | 34.77 -5.82 11.85 | 47.64 -6.95 8.02 | 55.78 -8.35 5.43 | 53.44 -7.86 0.07 | 45.56 -6.29 2.40 | 35.87 -5.68 12.05 | 40.41 -5.51 7.57 | 40.33 -5.94 6.78 |
| ONONDAGA_REF_OCCRA 23987 | 51.78 -0.77 -0.90 | 46.05 -0.68 -1.07 | 47.32 -0.71 -0.56 | 46.19 -0.74 -0.45 | 49.19 -0.75 0.00 | 47.79 -0.71 -0.88 | 44.50 -0.57 -1.13 | 46.80 -0.46 -1.47 | 54.37 -0.27 -1.25 | 55.54 -0.11 -1.61 | 55.66 -0.11 -1.69 | 55.46 -0.11 -1.71 | 55.43 -0.16 -1.38 | 54.15 -0.21 -0.95 | 53.69 -0.43 -0.65 | 53.59 -0.27 -0.42 | 53.94 -0.16 -1.66 | 64.95 0.00 -2.33 | 71.53 0.07 -1.91 | 63.53 -0.06 -2.23 | 56.67 -0.05 -2.47 | 55.29 -0.16 -1.85 | 53.84 -0.37 -0.72 | 52.85 -0.64 -0.44 |
| ONONDAGA___COGEN 23986 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| ONTARIO___LFGE 23819 | 49.90 -3.51 -1.76 | 44.44 -3.15 -1.93 | 45.38 -3.28 -1.19 | 44.18 -3.25 -0.95 | 46.83 -3.45 -0.34 | 45.87 -3.29 -1.53 | 43.40 -2.86 -2.31 | 46.00 -2.70 -2.91 | 53.93 -2.40 -2.94 | 55.47 -2.16 -3.60 | 55.56 -2.11 -3.59 | 55.44 -2.21 -3.78 | 55.12 -2.33 -3.24 | 53.46 -2.40 -2.46 | 52.30 -3.05 -1.87 | 52.43 -2.51 -1.51 | 53.57 -2.36 -3.49 | 64.69 -2.38 -4.45 | 70.50 -2.64 -3.60 | 62.59 -2.64 -3.86 | 56.49 -2.17 -4.41 | 55.24 -2.20 -3.83 | 52.62 -2.51 -1.65 | 51.19 -2.97 -1.11 |
| OSWEGATCHIE___HYD 24044 | 49.64 -2.01 0.00 | 43.93 -1.74 0.00 | 45.66 -1.80 0.00 | 44.76 -1.72 0.00 | 47.99 -1.95 0.00 | 45.62 -2.00 0.00 | 42.14 -1.80 0.00 | 45.10 -0.69 0.00 | 51.58 -1.82 0.00 | 53.17 -0.86 0.00 | 53.26 -0.81 0.00 | 53.11 -0.75 0.00 | 52.37 -1.84 0.00 | 51.59 -1.82 0.00 | 51.55 -1.93 0.00 | 51.51 -1.92 0.00 | 50.60 -1.84 0.00 | 60.99 -1.63 0.00 | 67.67 -1.88 0.00 | 60.63 -0.74 0.00 | 53.50 -0.76 0.00 | 51.73 -1.88 0.00 | 51.78 -1.71 0.00 | 51.20 -1.86 0.00 |
| OSWEGO___5 23606 | 50.79 -1.55 -0.69 | 45.11 -1.37 -0.82 | 46.47 -1.42 -0.43 | 45.43 -1.39 -0.34 | 48.44 -1.50 0.00 | 46.87 -1.43 -0.67 | 43.53 -1.27 -0.86 | 45.67 -1.24 -1.12 | 53.12 -1.23 -0.95 | 54.13 -1.13 -1.23 | 54.23 -1.14 -1.29 | 54.03 -1.13 -1.31 | 54.07 -1.19 -1.05 | 52.91 -1.23 -0.73 | 52.58 -1.39 -0.49 | 52.47 -1.28 -0.32 | 52.50 -1.21 -1.27 | 63.08 -1.32 -1.77 | 69.55 -1.46 -1.46 | 61.72 -1.35 -1.70 | 55.00 -1.14 -1.89 | 53.84 -1.18 -1.41 | 52.76 -1.28 -0.55 | 51.95 -1.43 -0.33 |
| OSWEGO___6 23613 | 50.79 -1.55 -0.69 | 45.11 -1.37 -0.82 | 46.47 -1.42 -0.43 | 45.43 -1.39 -0.34 | 48.44 -1.50 0.00 | 46.87 -1.43 -0.67 | 43.53 -1.27 -0.86 | 45.67 -1.24 -1.12 | 53.12 -1.23 -0.95 | 54.13 -1.13 -1.23 | 54.23 -1.14 -1.29 | 54.03 -1.13 -1.31 | 54.07 -1.19 -1.05 | 52.91 -1.23 -0.73 | 52.58 -1.39 -0.49 | 52.47 -1.28 -0.32 | 52.50 -1.21 -1.27 | 63.08 -1.32 -1.77 | 69.55 -1.46 -1.46 | 61.72 -1.35 -1.70 | 55.00 -1.14 -1.89 | 53.84 -1.18 -1.41 | 52.76 -1.28 -0.55 | 51.95 -1.43 -0.33 |
| OUTOKUMPU-AB___DRP 24206 | 41.59 -6.25 3.82 | 38.50 -5.62 1.54 | 37.48 -5.84 4.15 | 37.43 -5.81 3.24 | 37.48 -5.99 6.46 | 41.71 -5.91 0.00 | 31.43 -5.63 6.89 | 32.97 -5.72 7.10 | 33.21 -5.29 14.89 | 33.41 -5.19 15.44 | 36.19 -5.19 12.69 | 32.79 -5.33 15.74 | 32.45 -5.48 16.29 | 32.56 -5.45 15.40 | 32.20 -6.90 14.38 | 32.96 -5.50 14.97 | 35.30 -5.35 11.79 | 48.45 -6.20 7.97 | 56.65 -7.51 5.38 | 54.21 -7.12 0.04 | 46.15 -5.75 2.36 | 36.41 -5.20 11.99 | 40.77 -5.19 7.54 | 40.67 -5.62 6.75 |
| OXBOW___ 24026 | 41.49 -6.30 3.86 | 38.38 -5.71 1.58 | 37.34 -5.93 4.19 | 37.35 -5.86 3.27 | 37.40 -6.04 6.50 | 41.60 -6.00 0.03 | 31.23 -5.76 6.96 | 32.71 -5.91 7.17 | 32.89 -5.50 15.01 | 33.12 -5.35 15.57 | 35.86 -5.41 12.81 | 32.50 -5.49 15.87 | 32.16 -5.64 16.41 | 32.29 -5.61 15.51 | 31.89 -7.11 14.47 | 32.71 -5.66 15.06 | 34.98 -5.56 11.90 | 48.04 -6.51 8.07 | 56.23 -7.86 5.46 | 53.85 -7.43 0.09 | 45.86 -5.97 2.43 | 36.14 -5.36 12.11 | 40.60 -5.30 7.60 | 40.52 -5.73 6.80 |
| PEEKSKILL___ 23653 | 65.08 3.82 -9.61 | 60.25 3.15 -11.44 | 56.85 3.42 -5.97 | 54.56 3.30 -4.78 | 53.53 3.70 0.10 | 60.81 3.71 -9.47 | 59.46 3.56 -11.95 | 65.32 3.94 -15.59 | 71.60 5.07 -13.14 | 76.26 5.19 -17.04 | 77.39 5.41 -17.91 | 77.34 5.39 -18.09 | 74.14 5.37 -14.57 | 68.58 5.18 -9.99 | 65.32 5.13 -6.71 | 62.74 5.02 -4.28 | 75.08 5.03 -17.61 | 94.12 6.70 -24.80 | 97.68 7.72 -20.42 | 91.90 6.69 -23.85 | 86.57 5.86 -26.46 | 78.70 5.47 -19.62 | 66.05 4.92 -7.63 | 62.24 4.62 -4.57 |
| PGE MADISON___WINDPWR 24146 | 53.81 -0.46 -2.62 | 48.45 -0.46 -3.24 | 48.45 -0.57 -1.56 | 47.13 -0.60 -1.25 | 49.04 -0.60 0.29 | 49.74 -0.62 -2.74 | 46.77 -0.35 -3.17 | 50.28 0.27 -4.22 | 57.43 0.85 -3.19 | 59.68 1.35 -4.29 | 60.24 1.51 -4.65 | 59.84 1.40 -4.58 | 59.00 1.25 -3.54 | 56.73 1.07 -2.25 | 55.36 0.53 -1.35 | 54.85 0.80 -0.62 | 58.14 1.10 -4.60 | 71.59 2.13 -6.84 | 78.01 2.78 -5.68 | 70.35 2.09 -6.89 | 63.49 1.68 -7.55 | 59.91 1.13 -5.18 | 55.87 0.48 -1.90 | 53.78 -0.32 -1.04 |
| PIERCEFIELD___HYD 23852 | 49.59 -2.07 0.00 | 43.88 -1.78 0.00 | 45.61 -1.85 0.00 | 44.72 -1.77 0.00 | 47.89 -2.05 0.00 | 45.58 -2.05 0.00 | 42.14 -1.80 0.00 | 45.06 -0.73 0.00 | 51.15 -2.24 0.00 | 52.52 -1.51 0.00 | 52.62 -1.46 0.00 | 52.46 -1.40 0.00 | 51.77 -2.44 0.00 | 51.11 -2.30 0.00 | 51.34 -2.14 0.00 | 51.13 -2.30 0.00 | 50.13 -2.31 0.00 | 60.30 -2.32 0.00 | 66.70 -2.85 0.00 | 59.83 -1.53 0.00 | 52.74 -1.52 0.00 | 51.19 -2.41 0.00 | 51.35 -2.14 0.00 | 50.98 -2.07 0.00 |
| PINELAWN_CC_1 323563 | 66.15 4.80 -9.69 | 61.17 3.97 -11.53 | 60.81 5.08 -8.27 | 56.24 4.93 -4.82 | 55.23 5.39 0.10 | 62.42 5.24 -9.55 | 60.70 4.70 -12.05 | 66.37 4.85 -15.72 | 73.11 6.46 -13.25 | 99.38 6.43 -38.91 | 105.69 6.54 -45.07 | 106.02 6.57 -45.58 | 104.10 6.51 -43.38 | 104.09 6.36 -44.33 | 104.09 6.26 -44.36 | 105.14 6.20 -45.51 | 107.60 6.24 -48.93 | 120.58 7.89 -50.07 | 133.89 9.04 -55.30 | 121.84 7.86 -52.62 | 111.85 7.00 -50.59 | 110.29 6.65 -50.04 | 103.52 6.15 -43.88 | 70.04 6.42 -10.57 |
| PJM_GEN_KEystone 24065 | 51.44 -6.20 -5.99 | 53.39 0.05 -7.69 | 51.00 0.14 -3.39 | 49.30 0.09 -2.73 | 48.87 0.20 1.27 | 50.34 0.38 -2.34 | 55.79 0.53 -11.32 | 56.21 0.87 -9.55 | 61.23 1.44 -6.40 | 64.61 1.57 -9.01 | 65.93 1.73 -10.13 | 65.17 1.62 -9.69 | 62.86 1.52 -7.13 | 58.90 1.39 -4.11 | 56.77 1.28 -2.01 | 54.87 1.23 -0.21 | 64.77 1.31 -11.02 | 79.87 2.38 -14.87 | 85.70 2.92 -13.23 | 80.44 2.45 -16.61 | 74.32 2.06 -18.00 | 66.77 1.72 -11.45 | 58.64 1.23 -3.92 | 50.00 -4.99 -1.93 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 65.63 4.29 -9.69 | 60.71 3.52 -11.53 | 60.19 4.46 -8.27 | 55.63 4.32 -4.82 | 54.63 4.79 0.10 | 57.53 4.62 -5.29 | 64.44 4.17 -16.32 | 65.86 4.35 -15.72 | 72.84 6.19 -13.25 | 99.22 6.27 -38.91 | 105.53 6.38 -45.07 | 105.80 6.36 -45.58 | 103.88 6.29 -43.38 | 103.88 6.14 -44.33 | 103.88 6.04 -44.36 | 104.92 5.98 -45.51 | 108.28 5.98 -49.86 | 119.51 7.76 -49.13 | 133.75 8.90 -55.30 | 121.72 7.73 -52.62 | 111.58 6.73 -50.59 | 110.03 6.38 -50.04 | 103.25 5.88 -43.88 | 69.35 5.73 -10.57 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| PLEASANTVLY___LBMP 24000 | 65.40 3.72 -10.03 | 60.70 3.10 -11.93 | 57.02 3.32 -6.23 | 54.68 3.21 -4.99 | 53.44 3.60 0.09 | 61.08 3.57 -9.88 | 59.80 3.38 -12.47 | 65.82 3.75 -16.27 | 71.87 4.75 -13.72 | 76.69 4.86 -17.79 | 77.80 5.03 -18.70 | 77.76 5.01 -18.89 | 74.41 4.99 -15.21 | 68.66 4.81 -10.44 | 65.25 4.76 -7.01 | 62.62 4.70 -4.49 | 75.54 4.72 -18.38 | 94.64 6.14 -25.88 | 97.95 7.09 -21.31 | 92.38 6.14 -24.88 | 87.23 5.37 -27.60 | 79.13 5.04 -20.49 | 66.06 4.60 -7.97 | 62.23 4.40 -4.78 |
| POLETTI_____ 23519 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.46 4.29 -9.55 | 60.04 4.04 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.19 6.09 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 66.01 5.78 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.83 8.69 -20.59 | 92.96 7.55 -24.04 | 87.49 6.56 -26.67 | 79.51 6.11 -19.79 | 66.75 5.56 -7.69 | 62.86 5.20 -4.61 |
| PORT_JEFF_3 23555 | 65.99 4.65 -9.69 | 61.12 3.93 -11.53 | 61.19 5.46 -8.27 | 56.61 5.30 -4.82 | 55.63 5.79 0.10 | 62.70 5.52 -9.55 | 60.74 4.75 -12.05 | 66.28 4.76 -15.72 | 73.59 6.94 -13.25 | 99.97 7.02 -38.91 | 106.23 7.08 -45.07 | 106.50 7.06 -45.58 | 104.69 7.10 -43.38 | 104.63 6.89 -44.33 | 104.68 6.84 -44.36 | 105.67 6.73 -45.51 | 108.07 6.71 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.95 6.58 -43.88 | 70.04 6.42 -10.57 |
| PORT_JEFF_4 23616 | 65.99 4.65 -9.69 | 61.12 3.93 -11.53 | 61.19 5.46 -8.27 | 56.61 5.30 -4.82 | 55.63 5.79 0.10 | 62.70 5.52 -9.55 | 60.74 4.75 -12.05 | 66.28 4.76 -15.72 | 73.59 6.94 -13.25 | 99.97 7.02 -38.91 | 106.23 7.08 -45.07 | 106.50 7.06 -45.58 | 104.69 7.10 -43.38 | 104.63 6.89 -44.33 | 104.68 6.84 -44.36 | 105.67 6.73 -45.51 | 108.07 6.71 -48.93 | 121.33 8.64 -50.07 | 134.65 9.81 -55.30 | 122.52 8.53 -52.62 | 112.28 7.43 -50.59 | 110.67 7.02 -50.04 | 103.95 6.58 -43.88 | 70.04 6.42 -10.57 |
| PORT_JEFF_IC 23713 | 66.10 4.75 -9.69 | 61.21 4.02 -11.53 | 61.28 5.55 -8.27 | 56.70 5.39 -4.82 | 55.73 5.89 0.10 | 62.80 5.62 -9.55 | 60.83 4.83 -12.05 | 66.32 4.81 -15.72 | 73.75 7.10 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.80 7.21 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.52 8.83 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.06 6.69 -43.88 | 70.14 6.53 -10.57 |
| PPL PILGRIM_ST_GT1 24216 | 66.25 4.91 -9.69 | 61.30 4.11 -11.53 | 61.14 5.41 -8.27 | 56.56 5.25 -4.82 | 55.58 5.74 0.10 | 62.70 5.52 -9.55 | 60.83 4.83 -12.05 | 66.46 4.95 -15.72 | 73.75 7.10 -13.25 | 100.19 7.24 -38.91 | 106.50 7.35 -45.07 | 106.82 7.38 -45.58 | 104.91 7.32 -43.38 | 104.89 7.16 -44.33 | 104.90 7.06 -44.36 | 105.94 7.00 -45.51 | 108.39 7.03 -48.93 | 121.58 8.89 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.50 7.65 -50.59 | 111.05 7.40 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| PPL PILGRIM_ST_GT2 24217 | 66.25 4.91 -9.69 | 61.30 4.11 -11.53 | 61.14 5.41 -8.27 | 56.56 5.25 -4.82 | 55.58 5.74 0.10 | 62.70 5.52 -9.55 | 60.83 4.83 -12.05 | 66.46 4.95 -15.72 | 73.75 7.10 -13.25 | 100.19 7.24 -38.91 | 106.50 7.35 -45.07 | 106.82 7.38 -45.58 | 104.91 7.32 -43.38 | 104.89 7.16 -44.33 | 104.90 7.06 -44.36 | 105.94 7.00 -45.51 | 108.39 7.03 -48.93 | 121.58 8.89 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.50 7.65 -50.59 | 111.05 7.40 -50.04 | 104.22 6.85 -43.88 | 70.25 6.63 -10.57 |
| PPL_SHRM_GT3 24213 | 65.79 4.44 -9.69 | 61.08 3.88 -11.53 | 61.33 5.60 -8.27 | 56.79 5.49 -4.82 | 55.78 5.94 0.10 | 62.89 5.71 -9.55 | 60.70 4.70 -12.05 | 66.09 4.58 -15.72 | 73.48 6.83 -13.25 | 99.92 6.97 -38.91 | 106.18 7.03 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.58 6.74 -44.36 | 105.62 6.68 -45.51 | 108.07 6.71 -48.93 | 121.45 8.77 -50.07 | 134.86 10.01 -55.30 | 122.70 8.71 -52.62 | 112.39 7.54 -50.59 | 110.72 7.08 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| PPL_SHRM_GT4 24214 | 65.79 4.44 -9.69 | 61.08 3.88 -11.53 | 61.33 5.60 -8.27 | 56.79 5.49 -4.82 | 55.78 5.94 0.10 | 62.89 5.71 -9.55 | 60.70 4.70 -12.05 | 66.09 4.58 -15.72 | 73.48 6.83 -13.25 | 99.92 6.97 -38.91 | 106.18 7.03 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.58 6.74 -44.36 | 105.62 6.68 -45.51 | 108.07 6.71 -48.93 | 121.45 8.77 -50.07 | 134.86 10.01 -55.30 | 122.70 8.71 -52.62 | 112.39 7.54 -50.59 | 110.72 7.08 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| PROJECT___ORANGE 1 24174 | 51.51 -0.93 -0.79 | 45.73 -0.87 -0.93 | 47.06 -0.90 -0.49 | 45.99 -0.88 -0.39 | 48.99 -0.95 0.00 | 47.49 -0.90 -0.77 | 44.18 -0.75 -0.98 | 46.43 -0.64 -1.28 | 54.00 -0.48 -1.09 | 55.12 -0.32 -1.41 | 55.22 -0.32 -1.47 | 55.03 -0.32 -1.49 | 55.04 -0.38 -1.21 | 53.81 -0.43 -0.83 | 53.40 -0.64 -0.56 | 53.32 -0.48 -0.37 | 53.47 -0.42 -1.45 | 64.27 -0.38 -2.03 | 70.87 -0.35 -1.67 | 62.88 -0.43 -1.94 | 56.03 -0.38 -2.16 | 54.79 -0.43 -1.61 | 53.54 -0.59 -0.63 | 52.53 -0.90 -0.38 |
| PROJECT___ORANGE 2 24166 | 51.51 -0.93 -0.79 | 45.73 -0.87 -0.93 | 47.06 -0.90 -0.49 | 45.99 -0.88 -0.39 | 48.99 -0.95 0.00 | 47.49 -0.90 -0.77 | 44.18 -0.75 -0.98 | 46.43 -0.64 -1.28 | 54.00 -0.48 -1.09 | 55.12 -0.32 -1.41 | 55.22 -0.32 -1.47 | 55.03 -0.32 -1.49 | 55.04 -0.38 -1.21 | 53.81 -0.43 -0.83 | 53.40 -0.64 -0.56 | 53.32 -0.48 -0.37 | 53.47 -0.42 -1.45 | 64.27 -0.38 -2.03 | 70.87 -0.35 -1.67 | 62.88 -0.43 -1.94 | 56.03 -0.38 -2.16 | 54.79 -0.43 -1.61 | 53.54 -0.59 -0.63 | 52.53 -0.90 -0.38 |
| PYRITES___HYD 24023 | 49.90 -1.76 0.00 | 44.15 -1.51 0.00 | 45.90 -1.57 0.00 | 45.00 -1.49 0.00 | 48.19 -1.75 0.00 | 45.86 -1.76 0.00 | 42.41 -1.54 0.00 | 45.19 -0.60 0.00 | 51.47 -1.92 0.00 | 52.79 -1.24 0.00 | 52.89 -1.19 0.00 | 52.68 -1.18 0.00 | 52.21 -2.01 0.00 | 51.54 -1.87 0.00 | 51.71 -1.76 0.00 | 51.56 -1.87 0.00 | 50.55 -1.89 0.00 | 60.74 -1.88 0.00 | 67.25 -2.30 0.00 | 60.14 -1.23 0.00 | 53.01 -1.25 0.00 | 51.57 -2.04 0.00 | 51.67 -1.82 0.00 | 51.25 -1.80 0.00 |
| RAMAPO___LBMP 323565 | 64.81 3.77 -9.39 | 59.89 3.06 -11.18 | 56.62 3.32 -5.83 | 54.36 3.21 -4.66 | 53.43 3.60 0.10 | 60.55 3.67 -9.26 | 59.09 3.47 -11.67 | 64.91 3.89 -15.23 | 71.24 5.02 -12.83 | 75.81 5.13 -16.64 | 76.92 5.35 -17.49 | 76.86 5.33 -17.67 | 73.69 5.26 -14.22 | 68.29 5.13 -9.76 | 65.05 5.03 -6.54 | 62.58 4.97 -4.18 | 74.61 4.98 -17.20 | 93.49 6.64 -24.23 | 97.14 7.65 -19.95 | 91.30 6.63 -23.30 | 85.91 5.81 -25.85 | 78.19 5.41 -19.17 | 65.81 4.87 -7.45 | 62.08 4.56 -4.47 |
| RANKINE_____ 23646 | 41.67 -6.51 3.48 | 38.50 -5.89 1.27 | 37.48 -6.12 3.86 | 37.43 -6.04 3.01 | 37.53 -6.24 6.17 | 41.64 -6.14 -0.16 | 31.82 -5.76 6.37 | 33.42 -5.86 6.51 | 33.80 -5.61 13.99 | 34.08 -5.51 14.44 | 36.75 -5.52 11.81 | 33.50 -5.66 14.71 | 33.12 -5.80 15.29 | 33.16 -5.71 14.53 | 32.81 -7.06 13.61 | 33.39 -5.82 14.21 | 35.77 -5.72 10.95 | 48.93 -6.51 7.18 | 57.04 -7.72 4.78 | 54.50 -7.24 -0.38 | 46.50 -5.97 1.79 | 36.98 -5.52 11.11 | 40.87 -5.56 7.06 | 40.74 -5.94 6.37 |
| RAVENSWOOD_GT2_1 24244 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.03 4.19 0.10 | 61.41 4.24 -9.55 | 60.00 4.00 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 65.96 5.72 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.70 5.51 -7.69 | 62.86 5.20 -4.61 |
| RAVENSWOOD_GT2_2 24245 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.03 4.19 0.10 | 61.41 4.24 -9.55 | 60.00 4.00 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 65.96 5.72 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.70 5.51 -7.69 | 62.86 5.20 -4.61 |

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|---|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RAVENSWOOD_GT2_3 24246 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.46 4.29 -9.55 | 60.04 4.04 -12.05 | 65.91 4.40 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.19 6.09 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.02 5.78 -6.76 | 63.42 5.66 -4.32 | 75.91 5.72 -17.75 | 95.21 7.58 -25.01 | 98.83 8.69 -20.59 | 92.96 7.55 -24.04 | 87.50 6.56 -26.67 | 79.56 6.16 -19.79 | 66.75 5.56 -7.69 | 62.92 5.25 -4.61 |
| RAVENSWOOD_GT2_4 24247 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.46 4.29 -9.55 | 60.04 4.04 -12.05 | 65.91 4.40 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.19 6.09 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.02 5.78 -6.76 | 63.42 5.66 -4.32 | 75.91 5.72 -17.75 | 95.21 7.58 -25.01 | 98.83 8.69 -20.59 | 92.96 7.55 -24.04 | 87.50 6.56 -26.67 | 79.56 6.16 -19.79 | 66.75 5.56 -7.69 | 62.92 5.25 -4.61 |
| RAVENSWOOD_GT3_1 24248 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.03 4.19 0.10 | 61.41 4.24 -9.55 | 60.00 4.00 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 65.96 5.72 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.70 5.51 -7.69 | 62.86 5.20 -4.61 |
| RAVENSWOOD_GT3_2 24249 | 65.73 4.39 -9.69 | 60.75 3.56 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.03 4.19 0.10 | 61.41 4.24 -9.55 | 60.00 4.00 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 65.96 5.72 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.70 5.51 -7.69 | 62.86 5.20 -4.61 |
| RAVENSWOOD_GT3_3 24250 | 65.78 4.44 -9.69 | 60.85 3.65 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.25 6.14 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.21 7.58 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| RAVENSWOOD_GT3_4 24251 | 65.78 4.44 -9.69 | 60.85 3.65 -11.53 | 57.43 3.94 -6.02 | 55.16 3.86 -4.82 | 54.13 4.29 0.10 | 61.51 4.33 -9.55 | 60.08 4.09 -12.05 | 65.95 4.44 -15.72 | 72.41 5.77 -13.25 | 77.05 5.84 -17.18 | 78.25 6.11 -18.06 | 78.25 6.14 -18.25 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.07 5.83 -6.76 | 63.47 5.72 -4.32 | 75.91 5.72 -17.75 | 95.21 7.58 -25.01 | 98.90 8.76 -20.59 | 93.02 7.61 -24.04 | 87.55 6.62 -26.67 | 79.56 6.16 -19.79 | 66.80 5.62 -7.69 | 62.92 5.25 -4.61 |
| RAVENSWOOD_GT_1 23729 | 119.59 4.70 -63.24 | 91.37 3.79 -41.92 | 92.68 4.13 -41.09 | 93.52 4.00 -43.04 | 72.56 4.44 -18.18 | 61.71 4.52 -9.56 | 60.22 4.22 -12.06 | 66.14 4.62 -15.73 | 74.78 5.93 -15.46 | 118.62 6.05 -58.53 | 121.94 6.33 -61.53 | 122.60 6.36 -62.38 | 126.62 6.29 -66.12 | 126.74 6.09 -67.24 | 126.39 6.04 -66.87 | 125.92 5.88 -66.61 | 126.45 5.87 -68.14 | 132.19 7.83 -61.75 | 136.67 8.97 -58.15 | 132.58 7.79 -63.42 | 134.23 6.78 -73.19 | 131.77 6.38 -71.79 | 131.25 5.78 -71.98 | 128.02 5.41 -69.55 |
| RAVENSWOOD_GT_10 24258 | 61.52 4.39 -5.48 | 58.37 3.56 -9.14 | 54.62 3.89 -3.26 | 52.06 3.77 -1.81 | 52.60 4.19 1.53 | 61.41 4.24 -9.55 | 59.99 4.00 -12.05 | 65.91 4.40 -15.72 | 72.13 5.66 -13.08 | 73.75 5.78 -13.93 | 74.72 6.00 -14.64 | 74.67 6.03 -14.78 | 70.87 6.02 -10.65 | 64.81 5.82 -5.58 | 61.24 5.72 -2.04 | 58.47 5.61 0.57 | 71.84 5.61 -13.79 | 92.73 7.45 -22.66 | 96.15 8.62 -17.98 | 90.35 7.49 -21.49 | 84.42 6.51 -23.66 | 76.23 6.11 -16.51 | 61.92 5.51 -2.92 | 57.76 5.20 0.49 |
| RAVENSWOOD_GT_11 24259 | 61.52 4.39 -5.48 | 58.37 3.56 -9.14 | 54.62 3.89 -3.26 | 52.06 3.77 -1.81 | 52.60 4.19 1.53 | 61.41 4.24 -9.55 | 59.99 4.00 -12.05 | 65.91 4.40 -15.72 | 72.13 5.66 -13.08 | 73.75 5.78 -13.93 | 74.72 6.00 -14.64 | 74.67 6.03 -14.78 | 70.87 6.02 -10.65 | 64.81 5.82 -5.58 | 61.24 5.72 -2.04 | 58.47 5.61 0.57 | 71.84 5.61 -13.79 | 92.73 7.45 -22.66 | 96.15 8.62 -17.98 | 90.35 7.49 -21.49 | 84.42 6.51 -23.66 | 76.23 6.11 -16.51 | 61.92 5.51 -2.92 | 57.76 5.20 0.49 |
| RAVENSWOOD_GT_4 24252 | 37.90 4.34 18.10 | 44.99 3.56 4.23 | 39.14 3.84 12.17 | 35.23 3.77 15.02 | 44.55 4.19 9.58 | 61.36 4.19 -9.55 | 59.99 4.00 -12.05 | 65.86 4.35 -15.72 | 71.10 5.61 -12.11 | 55.49 5.73 4.27 | 55.58 6.00 4.50 | 55.19 5.98 4.65 | 48.18 5.96 12.00 | 39.60 5.77 19.58 | 34.78 5.72 24.42 | 31.00 5.56 27.99 | 49.66 5.61 8.39 | 79.58 7.45 -9.51 | 81.47 8.55 -3.37 | 75.99 7.43 -7.20 | 67.48 6.46 -6.77 | 57.80 6.06 1.87 | 35.15 5.51 23.85 | 29.12 5.15 29.08 |
| RAVENSWOOD_GT_5 24254 | 37.90 4.34 18.10 | 44.99 3.56 4.23 | 39.14 3.84 12.17 | 35.23 3.77 15.02 | 44.55 4.19 9.58 | 61.36 4.19 -9.55 | 59.99 4.00 -12.05 | 65.86 4.35 -15.72 | 71.10 5.61 -12.11 | 55.49 5.73 4.27 | 55.58 6.00 4.50 | 55.19 5.98 4.65 | 48.18 5.96 12.00 | 39.60 5.77 19.58 | 34.78 5.72 24.42 | 31.00 5.56 27.99 | 49.66 5.61 8.39 | 79.58 7.45 -9.51 | 81.47 8.55 -3.37 | 75.99 7.43 -7.20 | 67.48 6.46 -6.77 | 57.80 6.06 1.87 | 35.15 5.51 23.85 | 29.12 5.15 29.08 |
| RAVENSWOOD_GT_6 24253 | 37.90 4.34 18.10 | 44.99 3.56 4.23 | 39.14 3.84 12.17 | 35.23 3.77 15.02 | 44.55 4.19 9.58 | 61.36 4.19 -9.55 | 59.99 4.00 -12.05 | 65.86 4.35 -15.72 | 71.10 5.61 -12.11 | 55.49 5.73 4.27 | 55.58 6.00 4.50 | 55.19 5.98 4.65 | 48.18 5.96 12.00 | 39.60 5.77 19.58 | 34.78 5.72 24.42 | 31.00 5.56 27.99 | 49.66 5.61 8.39 | 79.58 7.45 -9.51 | 81.47 8.55 -3.37 | 75.99 7.43 -7.20 | 67.48 6.46 -6.77 | 57.80 6.06 1.87 | 35.15 5.51 23.85 | 29.12 5.15 29.08 |
| RAVENSWOOD_GT_7 24255 | 37.90 4.34 18.10 | 44.99 3.56 4.23 | 39.14 3.84 12.17 | 35.23 3.77 15.02 | 44.55 4.19 9.58 | 61.36 4.19 -9.55 | 59.99 4.00 -12.05 | 65.86 4.35 -15.72 | 71.10 5.61 -12.11 | 55.49 5.73 4.27 | 55.58 6.00 4.50 | 55.19 5.98 4.65 | 48.18 5.96 12.00 | 39.60 5.77 19.58 | 34.78 5.72 24.42 | 31.00 5.56 27.99 | 49.66 5.61 8.39 | 79.58 7.45 -9.51 | 81.47 8.55 -3.37 | 75.99 7.43 -7.20 | 67.48 6.46 -6.77 | 57.80 6.06 1.87 | 35.15 5.51 23.85 | 29.12 5.15 29.08 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 61.52 4.39 -5.48 | 58.37 3.56 -9.14 | 54.62 3.89 -3.26 | 52.06 3.77 -1.81 | 52.60 4.19 1.53 | 61.41 4.24 -9.55 | 59.99 4.00 -12.05 | 65.91 4.40 -15.72 | 72.13 5.66 -13.08 | 73.75 5.78 -13.93 | 74.72 6.00 -14.64 | 74.67 6.03 -14.78 | 70.87 6.02 -10.65 | 64.81 5.82 -5.58 | 61.24 5.72 -2.04 | 58.47 5.61 0.57 | 71.84 5.61 -13.79 | 92.73 7.45 -22.66 | 96.15 8.62 -17.98 | 90.35 7.49 -21.49 | 84.42 6.51 -23.66 | 76.23 6.11 -16.51 | 61.92 5.51 -2.92 | 57.76 5.20 0.49 |
| RAVENSWOOD_GT_9 24257 | 61.52 4.39 -5.48 | 58.37 3.56 -9.14 | 54.62 3.89 -3.26 | 52.06 3.77 -1.81 | 52.60 4.19 1.53 | 61.41 4.24 -9.55 | 59.99 4.00 -12.05 | 65.91 4.40 -15.72 | 72.13 5.66 -13.08 | 73.75 5.78 -13.93 | 74.72 6.00 -14.64 | 74.67 6.03 -14.78 | 70.87 6.02 -10.65 | 64.81 5.82 -5.58 | 61.24 5.72 -2.04 | 58.47 5.61 0.57 | 71.84 5.61 -13.79 | 92.73 7.45 -22.66 | 96.15 8.62 -17.98 | 90.35 7.49 -21.49 | 84.42 6.51 -23.66 | 76.23 6.11 -16.51 | 61.92 5.51 -2.92 | 57.76 5.20 0.49 |
| RAVENSWOOD___1 23533 | 110.79 4.65 -54.49 | 86.40 3.79 -36.95 | 86.91 4.08 -35.36 | 87.28 4.00 -36.80 | 69.58 4.44 -15.20 | 61.66 4.48 -9.56 | 60.22 4.22 -12.06 | 66.10 4.58 -15.73 | 74.42 5.93 -15.10 | 111.81 6.00 -51.78 | 114.83 6.33 -54.43 | 115.33 6.30 -55.17 | 118.17 6.23 -57.72 | 117.34 6.04 -57.90 | 116.52 5.99 -57.05 | 115.75 5.88 -56.44 | 118.22 5.87 -59.91 | 123.80 7.76 -53.42 | 129.05 8.97 -50.53 | 123.80 7.79 -54.64 | 123.87 6.78 -62.83 | 119.80 6.38 -59.81 | 119.51 5.72 -60.30 | 117.41 5.41 -58.95 |

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| RAVENSWOOD___2 23534 | 110.55 4.65 -54.25 | 86.22 3.74 -36.82 | 86.75 4.08 -35.20 | 87.06 3.95 -36.63 | 69.50 4.44 -15.12 | 61.66 4.48 -9.56 | 60.22 4.22 -12.06 | 66.10 4.58 -15.73 | 74.36 5.87 -15.09 | 111.63 6.00 -51.59 | 114.59 6.27 -54.24 | 115.14 6.30 -54.98 | 117.94 6.23 -57.49 | 117.09 6.04 -57.65 | 116.25 5.99 -56.79 | 115.42 5.82 -56.16 | 117.94 5.82 -59.68 | 123.65 7.76 -53.27 | 128.89 8.97 -50.37 | 123.58 7.73 -54.48 | 123.62 6.73 -62.64 | 119.53 6.33 -59.60 | 119.23 5.72 -60.02 | 117.07 5.36 -58.66 |
| RAVENSWOOD___3 23535 | 65.73 4.39 -9.69 | 60.80 3.61 -11.53 | 57.38 3.89 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.41 4.24 -9.55 | 60.04 4.04 -12.05 | 65.91 4.40 -15.72 | 72.30 5.66 -13.25 | 77.00 5.78 -17.18 | 78.19 6.06 -18.06 | 78.14 6.03 -18.25 | 74.92 6.02 -14.69 | 69.31 5.82 -10.08 | 65.96 5.72 -6.76 | 63.37 5.61 -4.32 | 75.85 5.66 -17.75 | 95.14 7.51 -25.01 | 98.76 8.62 -20.59 | 92.90 7.49 -24.04 | 87.44 6.51 -26.67 | 79.51 6.11 -19.79 | 66.75 5.56 -7.69 | 62.86 5.20 -4.61 |
| RAVENSWOOD___4 23820 | 101.87 4.60 -45.62 | 81.32 3.74 -31.92 | 81.10 4.08 -29.55 | 80.90 3.95 -30.46 | 66.50 4.39 -12.17 | 61.66 4.48 -9.56 | 60.18 4.17 -12.06 | 66.10 4.58 -15.73 | 74.00 5.87 -14.74 | 104.96 6.00 -44.93 | 107.58 6.27 -47.23 | 107.97 6.25 -47.86 | 109.64 6.23 -49.20 | 107.87 6.04 -48.43 | 106.56 5.99 -47.10 | 105.37 5.82 -46.12 | 109.82 5.82 -51.56 | 115.43 7.76 -45.05 | 121.30 8.90 -42.85 | 114.93 7.73 -45.83 | 113.40 6.73 -52.42 | 107.73 6.33 -47.80 | 107.71 5.72 -48.49 | 106.60 5.36 -48.19 |
| RCPI_TRUST___DRP 24196 | 65.78 4.44 -9.69 | 60.80 3.61 -11.53 | 57.43 3.94 -6.02 | 55.11 3.81 -4.82 | 54.08 4.24 0.10 | 61.46 4.29 -9.55 | 60.04 4.04 -12.05 | 65.95 4.44 -15.72 | 72.36 5.71 -13.25 | 77.05 5.84 -17.18 | 78.24 6.11 -18.06 | 78.19 6.09 -18.24 | 74.97 6.07 -14.69 | 69.36 5.87 -10.08 | 66.01 5.78 -6.76 | 63.42 5.66 -4.32 | 75.90 5.72 -17.75 | 95.20 7.58 -25.01 | 98.83 8.69 -20.58 | 92.96 7.55 -24.04 | 87.49 6.56 -26.67 | 79.56 6.16 -19.79 | 66.75 5.56 -7.69 | 62.92 5.25 -4.61 |
| RENSSELAER___COGEN 23796 | 67.35 3.36 -12.34 | 63.26 2.97 -14.63 | 58.21 3.04 -7.70 | 55.62 2.98 -6.16 | 53.08 3.15 0.00 | 62.77 3.05 -12.09 | 62.19 2.86 -15.39 | 68.71 2.88 -20.04 | 73.39 2.94 -17.06 | 79.00 2.92 -22.05 | 79.94 2.76 -23.10 | 79.95 2.69 -23.40 | 75.77 2.66 -18.91 | 69.13 2.67 -13.05 | 64.98 2.67 -8.84 | 61.86 2.67 -5.76 | 77.65 2.52 -22.70 | 97.50 3.07 -31.81 | 99.19 3.48 -26.17 | 94.82 3.01 -30.44 | 90.73 2.66 -33.81 | 81.46 2.57 -25.28 | 66.11 2.73 -9.88 | 61.73 2.71 -5.97 |
| REVERE_CPPR_DRP 24186 | 51.89 0.05 -0.19 | 45.88 0.00 -0.22 | 47.54 -0.05 -0.12 | 46.53 -0.05 -0.09 | 49.89 -0.05 0.00 | 47.71 -0.10 -0.18 | 44.22 0.04 -0.23 | 46.51 0.41 -0.30 | 54.24 0.59 -0.26 | 55.34 0.97 -0.34 | 55.45 1.03 -0.35 | 55.29 1.08 -0.36 | 55.37 0.87 -0.29 | 54.41 0.80 -0.20 | 54.09 0.48 -0.13 | 54.16 0.64 -0.09 | 53.57 0.79 -0.35 | 64.42 1.32 -0.48 | 71.48 1.53 -0.40 | 63.12 1.29 -0.46 | 55.86 1.09 -0.51 | 54.74 0.75 -0.38 | 54.18 0.53 -0.15 | 53.30 0.16 -0.09 |
| ROCHESTER_9_IC 23652 | 42.10 -4.75 4.80 | 39.12 -4.20 2.34 | 38.12 -4.37 4.98 | 38.26 -4.32 3.90 | 38.08 -4.59 7.26 | 42.74 -4.38 0.50 | 31.74 -3.82 8.38 | 33.05 -3.94 8.81 | 32.80 -3.15 17.44 | 32.85 -2.92 18.26 | 35.88 -2.97 15.22 | 32.24 -2.96 18.66 | 32.04 -3.09 19.09 | 32.40 -3.15 17.85 | 32.78 -4.17 16.52 | 33.16 -3.21 17.06 | 35.20 -3.04 14.19 | 48.78 -3.57 10.27 | 58.18 -4.24 7.13 | 55.96 -4.11 1.30 | 47.01 -3.20 4.04 | 36.24 -2.84 14.52 | 41.40 -3.21 8.88 | 41.50 -3.71 7.84 |
| ROSETON___1 23587 | 64.86 3.56 -9.64 | 60.11 2.97 -11.48 | 56.64 3.18 -5.99 | 54.39 3.11 -4.79 | 53.28 3.45 0.10 | 60.56 3.43 -9.51 | 59.19 3.25 -12.00 | 65.06 3.62 -15.65 | 71.23 4.65 -13.19 | 75.84 4.70 -17.10 | 76.92 4.87 -17.98 | 76.87 4.85 -18.16 | 73.66 4.82 -14.62 | 68.14 4.70 -10.03 | 64.81 4.60 -6.73 | 62.33 4.60 -4.30 | 74.67 4.56 -17.67 | 93.53 6.01 -24.90 | 96.93 6.89 -20.49 | 91.32 6.01 -23.94 | 86.02 5.21 -26.55 | 78.18 4.88 -19.70 | 65.65 4.49 -7.66 | 61.83 4.19 -4.59 |
| ROSETON___2 23588 | 64.86 3.56 -9.64 | 60.11 2.97 -11.48 | 56.64 3.18 -5.99 | 54.39 3.11 -4.79 | 53.28 3.45 0.10 | 60.56 3.43 -9.51 | 59.19 3.25 -12.00 | 65.06 3.62 -15.65 | 71.23 4.65 -13.19 | 75.84 4.70 -17.10 | 76.92 4.87 -17.98 | 76.87 4.85 -18.16 | 73.66 4.82 -14.62 | 68.14 4.70 -10.03 | 64.81 4.60 -6.73 | 62.33 4.60 -4.30 | 74.67 4.56 -17.67 | 93.53 6.01 -24.90 | 96.93 6.89 -20.49 | 91.32 6.01 -23.94 | 86.02 5.21 -26.55 | 78.18 4.88 -19.70 | 65.65 4.49 -7.66 | 61.83 4.19 -4.59 |
| RUSSELL___1 23602 | 41.07 -5.73 4.85 | 38.40 -4.89 2.37 | 37.32 -5.13 5.02 | 37.53 -5.02 3.93 | 37.14 -5.49 7.30 | 42.00 -5.10 0.53 | 32.02 -3.47 8.46 | 33.10 -3.80 8.89 | 33.15 -2.67 17.57 | 33.25 -2.38 18.40 | 36.19 -2.54 15.35 | 32.58 -2.48 18.80 | 32.33 -2.66 19.23 | 32.71 -2.72 17.98 | 33.15 -3.69 16.63 | 33.43 -2.83 17.17 | 35.51 -2.62 14.31 | 48.61 -3.63 10.38 | 58.37 -3.96 7.21 | 56.02 -3.99 1.35 | 47.04 -3.09 4.12 | 36.60 -2.36 14.65 | 41.12 -3.42 8.95 | 41.07 -4.08 7.89 |
| RUSSELL___2 23532 | 41.07 -5.73 4.85 | 38.40 -4.89 2.37 | 37.32 -5.13 5.02 | 37.53 -5.02 3.93 | 37.14 -5.49 7.30 | 42.00 -5.10 0.53 | 32.02 -3.47 8.46 | 33.10 -3.80 8.89 | 33.15 -2.67 17.57 | 33.25 -2.38 18.40 | 36.19 -2.54 15.35 | 32.58 -2.48 18.80 | 32.33 -2.66 19.23 | 32.71 -2.72 17.98 | 33.15 -3.69 16.63 | 33.43 -2.83 17.17 | 35.51 -2.62 14.31 | 48.61 -3.63 10.38 | 58.37 -3.96 7.21 | 56.02 -3.99 1.35 | 47.04 -3.09 4.12 | 36.60 -2.36 14.65 | 41.12 -3.42 8.95 | 41.07 -4.08 7.89 |
| RUSSELL___3 23549 | 41.59 -5.27 4.80 | 38.71 -4.61 2.34 | 37.69 -4.79 4.98 | 37.84 -4.74 3.90 | 37.63 -5.04 7.26 | 42.31 -4.81 0.50 | 31.74 -3.82 8.38 | 32.95 -4.03 8.81 | 32.85 -3.10 17.44 | 32.85 -2.92 18.26 | 35.88 -2.97 15.22 | 32.24 -2.96 18.66 | 32.03 -3.09 19.09 | 32.40 -3.15 17.85 | 32.78 -4.17 16.52 | 33.11 -3.26 17.06 | 35.15 -3.09 14.19 | 48.34 -4.01 10.27 | 57.83 -4.59 7.13 | 55.59 -4.48 1.30 | 46.74 -3.47 4.05 | 36.19 -2.89 14.52 | 41.03 -3.58 8.88 | 41.13 -4.08 7.84 |
| RUSSELL___4 23556 | 41.07 -5.73 4.85 | 38.40 -4.89 2.37 | 37.32 -5.13 5.02 | 37.53 -5.02 3.93 | 37.14 -5.49 7.30 | 42.00 -5.10 0.53 | 32.02 -3.47 8.46 | 33.10 -3.80 8.89 | 33.10 -2.72 17.57 | 33.20 -2.43 18.40 | 36.19 -2.54 15.35 | 32.53 -2.53 18.80 | 32.33 -2.66 19.23 | 32.65 -2.78 17.98 | 33.10 -3.74 16.63 | 33.38 -2.89 17.17 | 35.45 -2.67 14.31 | 48.61 -3.63 10.38 | 58.30 -4.03 7.21 | 56.02 -3.99 1.35 | 47.04 -3.09 4.12 | 36.55 -2.41 14.65 | 41.12 -3.42 8.95 | 41.07 -4.08 7.89 |
| RUSSELL___STATION 23914 | 41.59 -5.27 4.80 | 38.71 -4.61 2.34 | 37.69 -4.79 4.98 | 37.84 -4.74 3.90 | 37.63 -5.04 7.26 | 42.31 -4.81 0.50 | 31.74 -3.82 8.38 | 32.95 -4.03 8.81 | 32.85 -3.10 17.44 | 32.85 -2.92 18.26 | 35.88 -2.97 15.22 | 32.24 -2.96 18.66 | 32.03 -3.09 19.09 | 32.40 -3.15 17.85 | 32.78 -4.17 16.52 | 33.11 -3.26 17.06 | 35.15 -3.09 14.19 | 48.34 -4.01 10.27 | 57.83 -4.59 7.13 | 55.59 -4.48 1.30 | 46.74 -3.47 4.05 | 36.19 -2.89 14.52 | 41.03 -3.58 8.88 | 41.13 -4.08 7.84 |
| S SALMON___HYD 24043 | 50.37 -1.91 -0.63 | 44.76 -1.64 -0.75 | 46.20 -1.66 -0.39 | 45.17 -1.63 -0.31 | 48.14 -1.80 0.00 | 46.48 -1.76 -0.62 | 43.33 -1.41 -0.79 | 45.76 -1.05 -1.02 | 53.14 -1.12 -0.87 | 54.57 -0.59 -1.13 | 54.71 -0.54 -1.18 | 54.57 -0.48 -1.19 | 54.09 -1.08 -0.97 | 52.95 -1.12 -0.67 | 52.54 -1.39 -0.45 | 52.50 -1.23 -0.29 | 52.50 -1.10 -1.16 | 63.30 -0.94 -1.62 | 69.84 -1.04 -1.34 | 62.31 -0.61 -1.55 | 55.33 -0.65 -1.73 | 53.77 -1.13 -1.29 | 52.71 -1.28 -0.50 | 51.71 -1.64 -0.30 |
| SELKIRK___II 23799 | 66.26 2.32 -12.28 | 62.51 2.28 -14.57 | 57.51 2.37 -7.67 | 54.94 2.32 -6.13 | 52.43 2.50 0.00 | 62.05 2.38 -12.04 | 61.46 2.20 -15.32 | 68.03 2.29 -19.95 | 72.94 2.56 -16.99 | 78.31 2.32 -21.95 | 79.19 2.11 -23.00 | 79.10 1.94 -23.30 | 74.99 1.95 -18.82 | 68.33 1.92 -12.99 | 64.14 1.87 -8.80 | 61.03 1.87 -5.73 | 76.87 1.84 -22.60 | 96.49 2.19 -31.67 | 98.10 2.50 -26.05 | 93.82 2.15 -30.31 | 89.88 1.95 -33.67 | 80.65 1.88 -25.17 | 65.37 2.03 -9.84 | 61.17 2.18 -5.94 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| SELKIRK__J 23801 | 66.44 2.53 -12.25 | 62.47 2.28 -14.53 | 57.54 2.42 -7.65 | 54.92 2.32 -6.12 | 52.43 2.50 0.00 | 62.02 2.38 -12.01 | 61.25 2.02 -15.28 | 67.75 2.06 -19.90 | 72.74 2.40 -16.94 | 78.25 2.32 -21.90 | 79.29 2.27 -22.95 | 79.31 2.21 -23.24 | 75.16 2.17 -18.78 | 68.51 2.14 -12.96 | 64.39 2.14 -8.77 | 61.29 2.14 -5.72 | 77.03 2.05 -22.54 | 96.72 2.50 -31.60 | 98.39 2.85 -25.99 | 94.12 2.52 -30.23 | 90.06 2.22 -33.58 | 80.86 2.14 -25.11 | 65.72 2.41 -9.82 | 61.37 2.39 -5.93 |
| SENECA OSWGO__HYD 24041 | 51.10 -1.29 -0.74 | 45.35 -1.19 -0.88 | 46.69 -1.23 -0.46 | 45.65 -1.21 -0.37 | 48.64 -1.30 0.00 | 47.11 -1.24 -0.73 | 43.86 -1.01 -0.92 | 46.03 -0.96 -1.20 | 53.61 -0.80 -1.02 | 54.82 -0.54 -1.32 | 54.98 -0.49 -1.39 | 54.78 -0.48 -1.40 | 54.64 -0.70 -1.14 | 53.44 -0.75 -0.78 | 53.04 -0.96 -0.53 | 52.98 -0.80 -0.35 | 53.07 -0.73 -1.36 | 63.90 -0.63 -1.91 | 70.42 -0.70 -1.57 | 62.64 -0.55 -1.83 | 55.80 -0.49 -2.03 | 54.37 -0.75 -1.52 | 53.18 -0.91 -0.59 | 52.30 -1.11 -0.36 |
| SENECA__ENERGY 23797 | 50.24 -2.89 -1.48 | 44.75 -2.56 -1.64 | 45.75 -2.71 -0.99 | 44.62 -2.65 -0.79 | 47.38 -2.80 -0.24 | 46.27 -2.67 -1.31 | 43.54 -2.33 -1.92 | 45.98 -2.24 -2.44 | 53.87 -1.92 -2.40 | 55.27 -1.73 -2.96 | 55.32 -1.73 -2.98 | 55.20 -1.78 -3.12 | 54.97 -1.90 -2.65 | 53.42 -1.98 -1.99 | 52.45 -2.51 -1.49 | 52.53 -2.08 -1.18 | 53.40 -1.94 -2.90 | 64.36 -2.00 -3.75 | 70.36 -2.23 -3.04 | 62.46 -2.21 -3.30 | 56.22 -1.79 -3.75 | 54.97 -1.82 -3.19 | 52.71 -2.14 -1.35 | 51.40 -2.55 -0.90 |
| SHOEMAKER__GT 23640 | 63.72 3.20 -8.87 | 58.87 2.65 -10.56 | 55.82 2.85 -5.51 | 53.68 2.79 -4.40 | 52.93 3.10 0.10 | 59.47 3.10 -8.75 | 57.91 2.94 -11.02 | 63.47 3.30 -14.39 | 69.77 4.27 -12.11 | 74.12 4.38 -15.71 | 75.13 4.54 -16.52 | 75.07 4.52 -16.68 | 72.13 4.50 -13.42 | 66.94 4.33 -9.20 | 63.92 4.28 -6.17 | 61.58 4.22 -3.93 | 72.92 4.25 -16.24 | 91.08 5.57 -22.89 | 94.86 6.47 -18.85 | 88.98 5.58 -22.02 | 83.57 4.88 -24.43 | 76.26 4.56 -18.10 | 64.65 4.12 -7.03 | 61.08 3.82 -4.21 |
| SHOREHAM_IC_1 23715 | 65.79 4.44 -9.69 | 61.08 3.88 -11.53 | 61.33 5.60 -8.27 | 56.79 5.49 -4.82 | 55.78 5.94 0.10 | 62.89 5.71 -9.55 | 60.70 4.70 -12.05 | 66.09 4.58 -15.72 | 73.48 6.83 -13.25 | 99.92 6.97 -38.91 | 106.18 7.03 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.58 6.74 -44.36 | 105.62 6.68 -45.51 | 108.07 6.71 -48.93 | 121.45 8.77 -50.07 | 134.86 10.01 -55.30 | 122.70 8.71 -52.62 | 112.39 7.54 -50.59 | 110.72 7.08 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| SHOREHAM_IC_2 23716 | 65.79 4.44 -9.69 | 61.08 3.88 -11.53 | 61.33 5.60 -8.27 | 56.79 5.49 -4.82 | 55.78 5.94 0.10 | 62.89 5.71 -9.55 | 60.70 4.70 -12.05 | 66.09 4.58 -15.72 | 73.48 6.83 -13.25 | 99.92 6.97 -38.91 | 106.18 7.03 -45.07 | 106.50 7.06 -45.58 | 104.64 7.05 -43.38 | 104.57 6.84 -44.33 | 104.58 6.74 -44.36 | 105.62 6.68 -45.51 | 108.07 6.71 -48.93 | 121.45 8.77 -50.07 | 134.86 10.01 -55.30 | 122.70 8.71 -52.62 | 112.39 7.54 -50.59 | 110.72 7.08 -50.04 | 103.84 6.47 -43.88 | 69.88 6.26 -10.57 |
| SISSONVILLE____ 23735 | 49.59 -2.07 0.00 | 43.88 -1.78 0.00 | 45.61 -1.85 0.00 | 44.72 -1.77 0.00 | 47.89 -2.05 0.00 | 45.58 -2.05 0.00 | 42.14 -1.80 0.00 | 45.06 -0.73 0.00 | 51.15 -2.24 0.00 | 52.52 -1.51 0.00 | 52.62 -1.46 0.00 | 52.46 -1.40 0.00 | 51.77 -2.44 0.00 | 51.11 -2.30 0.00 | 51.34 -2.14 0.00 | 51.13 -2.30 0.00 | 50.13 -2.31 0.00 | 60.30 -2.32 0.00 | 66.70 -2.85 0.00 | 59.83 -1.53 0.00 | 52.74 -1.52 0.00 | 51.19 -2.41 0.00 | 51.35 -2.14 0.00 | 50.98 -2.07 0.00 |
| SITHE_IND_GS1 24169 | 50.50 -1.76 -0.60 | 44.82 -1.55 -0.71 | 46.23 -1.61 -0.37 | 45.16 -1.63 -0.30 | 48.24 -1.70 0.00 | 46.55 -1.67 -0.59 | 43.20 -1.49 -0.75 | 45.30 -1.47 -0.97 | 52.78 -1.44 -0.83 | 53.70 -1.40 -1.07 | 53.79 -1.41 -1.12 | 53.60 -1.40 -1.14 | 53.67 -1.46 -0.92 | 52.55 -1.50 -0.63 | 52.25 -1.66 -0.43 | 52.16 -1.55 -0.28 | 52.07 -1.47 -1.10 | 62.54 -1.63 -1.55 | 69.01 -1.81 -1.27 | 61.19 -1.66 -1.48 | 54.44 -1.46 -1.64 | 53.39 -1.45 -1.23 | 52.42 -1.55 -0.48 | 51.64 -1.70 -0.29 |
| SITHE_IND_GS2 24170 | 50.50 -1.76 -0.60 | 44.82 -1.55 -0.71 | 46.23 -1.61 -0.37 | 45.16 -1.63 -0.30 | 48.24 -1.70 0.00 | 46.55 -1.67 -0.59 | 43.20 -1.49 -0.75 | 45.30 -1.47 -0.97 | 52.78 -1.44 -0.83 | 53.70 -1.40 -1.07 | 53.79 -1.41 -1.12 | 53.60 -1.40 -1.14 | 53.67 -1.46 -0.92 | 52.55 -1.50 -0.63 | 52.25 -1.66 -0.43 | 52.16 -1.55 -0.28 | 52.07 -1.47 -1.10 | 62.54 -1.63 -1.55 | 69.01 -1.81 -1.27 | 61.19 -1.66 -1.48 | 54.44 -1.46 -1.64 | 53.39 -1.45 -1.23 | 52.42 -1.55 -0.48 | 51.64 -1.70 -0.29 |
| SITHE_IND_GS3 24171 | 50.50 -1.76 -0.60 | 44.82 -1.55 -0.71 | 46.23 -1.61 -0.37 | 45.16 -1.63 -0.30 | 48.24 -1.70 0.00 | 46.55 -1.67 -0.59 | 43.20 -1.49 -0.75 | 45.30 -1.47 -0.97 | 52.78 -1.44 -0.83 | 53.70 -1.40 -1.07 | 53.79 -1.41 -1.12 | 53.60 -1.40 -1.14 | 53.67 -1.46 -0.92 | 52.55 -1.50 -0.63 | 52.25 -1.66 -0.43 | 52.16 -1.55 -0.28 | 52.07 -1.47 -1.10 | 62.54 -1.63 -1.55 | 69.01 -1.81 -1.27 | 61.19 -1.66 -1.48 | 54.44 -1.46 -1.64 | 53.39 -1.45 -1.23 | 52.42 -1.55 -0.48 | 51.64 -1.70 -0.29 |
| SITHE_IND_GS4 24172 | 50.50 -1.76 -0.60 | 44.82 -1.55 -0.71 | 46.23 -1.61 -0.37 | 45.16 -1.63 -0.30 | 48.24 -1.70 0.00 | 46.55 -1.67 -0.59 | 43.20 -1.49 -0.75 | 45.30 -1.47 -0.97 | 52.78 -1.44 -0.83 | 53.70 -1.40 -1.07 | 53.79 -1.41 -1.12 | 53.60 -1.40 -1.14 | 53.67 -1.46 -0.92 | 52.55 -1.50 -0.63 | 52.25 -1.66 -0.43 | 52.16 -1.55 -0.28 | 52.07 -1.47 -1.10 | 62.54 -1.63 -1.55 | 69.01 -1.81 -1.27 | 61.19 -1.66 -1.48 | 54.44 -1.46 -1.64 | 53.39 -1.45 -1.23 | 52.42 -1.55 -0.48 | 51.64 -1.70 -0.29 |
| SITHE__BATAVIA 24024 | 41.80 -5.58 4.27 | 38.78 -4.98 1.91 | 37.75 -5.17 4.54 | 37.82 -5.11 3.55 | 37.76 -5.34 6.84 | 42.20 -5.19 0.23 | 31.53 -4.83 7.58 | 32.95 -4.95 7.89 | 33.15 -4.16 16.08 | 33.33 -3.94 16.76 | 36.15 -4.06 13.87 | 32.67 -4.09 17.10 | 32.39 -4.23 17.59 | 32.59 -4.27 16.55 | 32.42 -5.67 15.38 | 33.10 -4.38 15.95 | 35.33 -4.20 12.91 | 48.77 -4.82 9.03 | 57.59 -5.77 6.19 | 55.11 -5.65 0.61 | 46.68 -4.45 3.13 | 36.42 -4.02 13.17 | 41.21 -4.12 8.16 | 41.18 -4.62 7.26 |
| SITHE__INDEPEND 23800 | 50.50 -1.76 -0.60 | 44.82 -1.55 -0.71 | 46.23 -1.61 -0.37 | 45.16 -1.63 -0.30 | 48.24 -1.70 0.00 | 46.55 -1.67 -0.59 | 43.20 -1.49 -0.75 | 45.30 -1.47 -0.97 | 52.78 -1.44 -0.83 | 53.70 -1.40 -1.07 | 53.79 -1.41 -1.12 | 53.60 -1.40 -1.14 | 53.67 -1.46 -0.92 | 52.55 -1.50 -0.63 | 52.25 -1.66 -0.43 | 52.16 -1.55 -0.28 | 52.07 -1.47 -1.10 | 62.54 -1.63 -1.55 | 69.01 -1.81 -1.27 | 61.19 -1.66 -1.48 | 54.44 -1.46 -1.64 | 53.39 -1.45 -1.23 | 52.42 -1.55 -0.48 | 51.64 -1.70 -0.29 |
| SITHE__MASSENA 23902 | 50.57 -1.08 0.00 | 44.75 -0.91 0.00 | 46.52 -0.95 0.00 | 45.60 -0.88 0.00 | 48.89 -1.05 0.00 | 46.58 -1.05 0.00 | 42.89 -1.05 0.00 | 44.96 -0.82 0.00 | 51.68 -1.71 0.00 | 52.36 -1.68 0.00 | 52.40 -1.68 0.00 | 52.24 -1.62 0.00 | 52.48 -1.73 0.00 | 51.81 -1.60 0.00 | 52.09 -1.39 0.00 | 51.88 -1.55 0.00 | 50.86 -1.57 0.00 | 60.68 -1.94 0.00 | 67.11 -2.43 0.00 | 59.47 -1.90 0.00 | 52.52 -1.74 0.00 | 51.89 -1.72 0.00 | 52.00 -1.50 0.00 | 51.73 -1.33 0.00 |
| SITHE__OGDNSBRG 24021 | 50.47 -1.19 0.00 | 44.66 -1.00 0.00 | 46.42 -1.04 0.00 | 45.51 -0.98 0.00 | 48.74 -1.20 0.00 | 46.43 -1.19 0.00 | 42.80 -1.14 0.00 | 45.15 -0.64 0.00 | 51.79 -1.60 0.00 | 52.74 -1.30 0.00 | 52.83 -1.24 0.00 | 52.62 -1.24 0.00 | 52.69 -1.52 0.00 | 52.07 -1.34 0.00 | 52.25 -1.23 0.00 | 52.10 -1.34 0.00 | 51.07 -1.36 0.00 | 61.12 -1.50 0.00 | 67.60 -1.95 0.00 | 60.08 -1.29 0.00 | 52.90 -1.36 0.00 | 52.05 -1.55 0.00 | 52.05 -1.44 0.00 | 51.62 -1.43 0.00 |
| SITHE__STERLING 23777 | 51.87 -0.05 -0.27 | 45.88 -0.09 -0.31 | 47.54 -0.09 -0.17 | 46.52 -0.09 -0.13 | 49.84 -0.10 0.00 | 47.74 -0.14 -0.26 | 44.28 0.00 -0.33 | 46.49 0.27 -0.43 | 54.29 0.53 -0.37 | 55.27 0.76 -0.47 | 55.38 0.81 -0.50 | 55.17 0.81 -0.50 | 55.32 0.70 -0.41 | 54.33 0.64 -0.28 | 54.04 0.37 -0.19 | 54.09 0.53 -0.12 | 53.56 0.63 -0.49 | 64.37 1.06 -0.68 | 71.43 1.32 -0.56 | 63.07 1.04 -0.66 | 55.91 0.92 -0.73 | 54.79 0.64 -0.54 | 54.13 0.43 -0.21 | 53.29 0.11 -0.13 |

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| SOUTH CAIRO___GT 23612 | 67.11 4.60 -10.86 | 62.68 4.11 -12.91 | 58.54 4.32 -6.75 | 56.07 4.18 -5.40 | 54.44 4.59 0.09 | 62.74 4.43 -10.69 | 61.59 4.13 -13.51 | 68.08 4.67 -17.62 | 74.04 5.77 -14.88 | 79.04 5.73 -19.28 | 80.12 5.79 -20.25 | 79.93 5.60 -20.47 | 76.29 5.58 -16.49 | 70.19 5.45 -11.33 | 66.49 5.40 -7.62 | 63.71 5.40 -4.89 | 77.69 5.35 -19.91 | 97.40 6.76 -28.02 | 100.47 7.86 -23.06 | 95.15 6.87 -26.91 | 90.14 6.02 -29.86 | 81.42 5.63 -22.19 | 67.32 5.19 -8.64 | 62.90 4.67 -5.18 |
| SOUTH HAMPTN___IC 23720 | 66.56 5.22 -9.69 | 61.67 4.47 -11.53 | 62.00 6.27 -8.27 | 57.40 6.09 -4.82 | 56.48 6.64 0.10 | 63.51 6.33 -9.55 | 61.36 5.36 -12.05 | 66.87 5.36 -15.72 | 74.49 7.85 -13.25 | 100.89 7.94 -38.91 | 107.15 8.00 -45.07 | 107.52 8.08 -45.58 | 105.61 8.02 -43.38 | 105.54 7.80 -44.33 | 105.54 7.70 -44.36 | 106.58 7.64 -45.51 | 109.07 7.71 -48.93 | 122.83 10.14 -50.07 | 136.32 11.48 -55.30 | 123.99 10.00 -52.62 | 113.53 8.68 -50.59 | 111.80 8.15 -50.04 | 104.75 7.38 -43.88 | 70.67 7.06 -10.57 |
| SOUTHOLD___IC 23719 | 68.01 6.66 -9.69 | 62.95 5.75 -11.53 | 63.42 7.69 -8.27 | 58.84 7.53 -4.82 | 57.98 8.14 0.10 | 64.99 7.81 -9.55 | 62.77 6.77 -12.05 | 68.34 6.82 -15.72 | 76.52 9.88 -13.25 | 102.94 10.00 -38.91 | 109.26 10.11 -45.07 | 109.57 10.13 -45.58 | 107.62 10.03 -43.38 | 107.51 9.77 -44.33 | 107.52 9.68 -44.36 | 108.56 9.62 -45.51 | 111.12 9.75 -48.93 | 125.59 12.90 -50.07 | 139.52 14.67 -55.30 | 126.75 12.76 -52.62 | 115.86 11.01 -50.59 | 113.94 10.29 -50.04 | 106.62 9.25 -43.88 | 72.42 8.81 -10.57 |
| ST LAWRENCE____ 23600 | 50.41 -1.24 0.00 | 44.66 -1.00 0.00 | 46.37 -1.09 0.00 | 45.46 -1.02 0.00 | 48.79 -1.15 0.00 | 46.48 -1.14 0.00 | 42.76 -1.19 0.00 | 44.60 -1.19 0.00 | 51.42 -1.98 0.00 | 51.98 -2.05 0.00 | 52.02 -2.05 0.00 | 51.81 -2.05 0.00 | 52.21 -2.01 0.00 | 51.54 -1.87 0.00 | 51.87 -1.60 0.00 | 51.67 -1.76 0.00 | 50.60 -1.84 0.00 | 60.24 -2.38 0.00 | 66.70 -2.85 0.00 | 59.04 -2.33 0.00 | 52.09 -2.17 0.00 | 51.62 -1.98 0.00 | 51.78 -1.71 0.00 | 51.57 -1.49 0.00 |
| STATION 5_MISC_HYD 23604 | 42.61 -4.18 4.86 | 39.81 -3.47 2.38 | 38.73 -3.70 5.04 | 38.92 -3.63 3.94 | 38.53 -4.09 7.31 | 43.52 -3.57 0.53 | 33.14 -2.33 8.48 | 34.45 -2.43 8.91 | 35.25 -0.53 17.61 | 35.37 -0.22 18.45 | 38.15 -0.54 15.38 | 34.59 -0.43 18.84 | 34.35 -0.60 19.27 | 34.65 -0.75 18.01 | 35.05 -1.76 16.67 | 35.43 -0.80 17.20 | 37.46 -0.63 14.34 | 51.52 -0.69 10.41 | 61.89 -0.42 7.24 | 59.08 -0.92 1.37 | 49.68 -0.43 4.14 | 38.71 -0.21 14.68 | 43.35 -1.18 8.97 | 43.18 -1.96 7.91 |
| STEEL___WIND 323596 | 41.67 -6.51 3.48 | 38.54 -5.84 1.27 | 37.53 -6.08 3.86 | 37.43 -6.04 3.01 | 37.53 -6.24 6.17 | 41.64 -6.14 -0.16 | 31.86 -5.71 6.37 | 33.47 -5.82 6.51 | 33.85 -5.55 13.99 | 34.13 -5.46 14.44 | 36.75 -5.52 11.81 | 33.55 -5.60 14.71 | 33.17 -5.75 15.29 | 33.16 -5.71 14.53 | 32.81 -7.06 13.61 | 33.45 -5.77 14.21 | 35.82 -5.66 10.95 | 48.99 -6.45 7.18 | 57.04 -7.72 4.78 | 54.50 -7.24 -0.38 | 46.55 -5.91 1.79 | 37.03 -5.47 11.11 | 40.92 -5.51 7.06 | 40.74 -5.94 6.37 |
| STURGEON_POOL_HYD 23609 | 65.94 4.34 -9.95 | 61.06 3.56 -11.84 | 57.45 3.80 -6.18 | 55.10 3.67 -4.95 | 53.94 4.09 0.09 | 61.48 4.05 -9.81 | 60.14 3.82 -12.37 | 66.42 4.49 -16.14 | 72.83 5.82 -13.61 | 77.68 6.00 -17.65 | 78.84 6.22 -18.55 | 78.85 6.25 -18.74 | 75.48 6.18 -15.09 | 69.75 5.98 -10.36 | 66.37 5.94 -6.95 | 63.76 5.88 -4.45 | 76.54 5.87 -18.23 | 95.87 7.58 -25.68 | 99.52 8.83 -21.14 | 93.72 7.67 -24.68 | 88.37 6.73 -27.38 | 80.20 6.27 -20.32 | 67.01 5.62 -7.90 | 62.78 4.99 -4.74 |
| SYRACUSE___ENERGY_ST1 323597 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| SYRACUSE___ENERGY_ST2 323598 | 51.72 -0.98 -1.05 | 46.02 -0.82 -1.19 | 47.30 -0.85 -0.69 | 46.20 -0.84 -0.55 | 49.16 -0.90 -0.12 | 47.68 -0.90 -0.96 | 44.59 -0.70 -1.35 | 46.91 -0.60 -1.72 | 54.54 -0.48 -1.63 | 55.74 -0.32 -2.03 | 55.87 -0.27 -2.06 | 55.68 -0.32 -2.14 | 55.63 -0.38 -1.80 | 54.30 -0.43 -1.32 | 53.75 -0.70 -0.97 | 53.63 -0.53 -0.73 | 54.03 -0.42 -2.02 | 64.97 -0.31 -2.67 | 71.37 -0.35 -2.17 | 63.35 -0.43 -2.41 | 56.65 -0.33 -2.72 | 55.45 -0.38 -2.22 | 53.88 -0.53 -0.92 | 52.80 -0.85 -0.60 |
| SYRACUSE___POWER 24017 | 51.78 -0.77 -0.90 | 46.05 -0.68 -1.07 | 47.32 -0.71 -0.56 | 46.19 -0.74 -0.45 | 49.19 -0.75 0.00 | 47.79 -0.71 -0.88 | 44.50 -0.57 -1.13 | 46.80 -0.46 -1.47 | 54.37 -0.27 -1.25 | 55.54 -0.11 -1.61 | 55.66 -0.11 -1.69 | 55.46 -0.11 -1.71 | 55.43 -0.16 -1.38 | 54.15 -0.21 -0.95 | 53.69 -0.43 -0.65 | 53.59 -0.27 -0.42 | 53.94 -0.16 -1.66 | 64.95 0.00 -2.33 | 71.53 0.07 -1.91 | 63.53 -0.06 -2.23 | 56.67 -0.05 -2.47 | 55.29 -0.16 -1.85 | 53.84 -0.37 -0.72 | 52.85 -0.64 -0.44 |
| Stony___Brook 24151 | 66.10 4.75 -9.69 | 61.21 4.02 -11.53 | 61.28 5.55 -8.27 | 56.70 5.39 -4.82 | 55.73 5.89 0.10 | 62.80 5.62 -9.55 | 60.83 4.83 -12.05 | 66.32 4.81 -15.72 | 73.75 7.10 -13.25 | 100.08 7.13 -38.91 | 106.34 7.19 -45.07 | 106.66 7.22 -45.58 | 104.80 7.21 -43.38 | 104.73 7.00 -44.33 | 104.74 6.90 -44.36 | 105.78 6.84 -45.51 | 108.18 6.82 -48.93 | 121.52 8.83 -50.07 | 134.93 10.08 -55.30 | 122.77 8.78 -52.62 | 112.45 7.60 -50.59 | 110.83 7.18 -50.04 | 104.06 6.69 -43.88 | 70.14 6.53 -10.57 |
| UNION___PROCESSING_DRP 323587 | 41.86 -5.01 4.79 | 38.91 -4.43 2.32 | 37.89 -4.60 4.97 | 38.04 -4.56 3.89 | 37.89 -4.79 7.25 | 42.51 -4.62 0.50 | 31.49 -4.09 8.36 | 32.75 -4.26 8.78 | 32.40 -3.58 17.41 | 32.40 -3.40 18.23 | 35.42 -3.46 15.19 | 31.79 -3.45 18.62 | 31.52 -3.63 19.06 | 31.90 -3.69 17.83 | 32.27 -4.71 16.50 | 32.65 -3.74 17.04 | 34.71 -3.57 14.16 | 48.12 -4.26 10.24 | 57.43 -5.01 7.11 | 55.24 -4.85 1.28 | 46.44 -3.80 4.02 | 35.68 -3.43 14.49 | 40.94 -3.69 8.87 | 41.09 -4.14 7.83 |
| UPPER HUDSON___HYD 24058 | 68.47 3.98 -12.84 | 64.31 3.42 -15.22 | 58.90 3.42 -8.01 | 56.24 3.35 -6.41 | 53.43 3.50 0.00 | 63.49 3.29 -12.58 | 63.25 3.30 -16.01 | 69.62 2.98 -20.85 | 74.45 3.31 -17.75 | 80.81 3.84 -22.94 | 82.50 4.38 -24.04 | 82.63 4.42 -24.35 | 77.95 4.07 -19.67 | 70.78 3.79 -13.58 | 66.63 3.96 -9.19 | 63.27 3.85 -5.99 | 79.62 3.57 -23.62 | 99.92 4.20 -33.10 | 101.51 4.73 -27.23 | 97.59 4.54 -31.68 | 93.46 4.01 -35.19 | 83.77 3.86 -26.31 | 68.11 4.33 -10.29 | 63.61 4.35 -6.21 |
| UPPER RAQUET___HYD 24056 | 49.59 -2.07 0.00 | 43.88 -1.78 0.00 | 45.61 -1.85 0.00 | 44.72 -1.77 0.00 | 47.89 -2.05 0.00 | 45.58 -2.05 0.00 | 42.14 -1.80 0.00 | 45.06 -0.73 0.00 | 51.15 -2.24 0.00 | 52.52 -1.51 0.00 | 52.62 -1.46 0.00 | 52.46 -1.40 0.00 | 51.77 -2.44 0.00 | 51.11 -2.30 0.00 | 51.34 -2.14 0.00 | 51.13 -2.30 0.00 | 50.13 -2.31 0.00 | 60.30 -2.32 0.00 | 66.70 -2.85 0.00 | 59.83 -1.53 0.00 | 52.74 -1.52 0.00 | 51.19 -2.41 0.00 | 51.35 -2.14 0.00 | 50.98 -2.07 0.00 |
| VISCHER___FERRY HYD 24020 | 67.93 3.82 -12.46 | 63.77 3.33 -14.77 | 58.57 3.32 -7.78 | 55.96 3.25 -6.22 | 53.33 3.40 0.00 | 63.07 3.24 -12.21 | 62.60 3.12 -15.54 | 69.09 3.07 -20.24 | 74.09 3.47 -17.23 | 79.97 3.67 -22.26 | 81.03 3.62 -23.33 | 81.10 3.61 -23.63 | 76.83 3.52 -19.09 | 70.01 3.42 -13.18 | 65.87 3.48 -8.92 | 62.72 3.47 -5.81 | 78.66 3.30 -22.92 | 98.69 3.95 -32.13 | 100.42 4.45 -26.42 | 95.98 3.87 -30.74 | 91.77 3.36 -34.15 | 82.46 3.32 -25.53 | 67.11 3.64 -9.98 | 62.74 3.66 -6.03 |
| WADING RIVER_IC_1 23522 | 65.73 4.39 -9.69 | 61.03 3.84 -11.53 | 61.24 5.51 -8.27 | 56.70 5.39 -4.82 | 55.68 5.84 0.10 | 62.80 5.62 -9.55 | 60.66 4.66 -12.05 | 66.05 4.53 -15.72 | 73.43 6.78 -13.25 | 99.81 6.86 -38.91 | 106.12 6.98 -45.07 | 106.39 6.95 -45.58 | 104.53 6.94 -43.38 | 104.47 6.73 -44.33 | 104.52 6.68 -44.36 | 105.56 6.63 -45.51 | 107.97 6.61 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.28 7.43 -50.59 | 110.62 6.97 -50.04 | 103.79 6.42 -43.88 | 69.77 6.15 -10.57 |

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| WADING RIVER_IC_2 23547 | 65.73 4.39 -9.69 | 61.03 3.84 -11.53 | 61.24 5.51 -8.27 | 56.70 5.39 -4.82 | 55.68 5.84 0.10 | 62.80 5.62 -9.55 | 60.66 4.66 -12.05 | 66.05 4.53 -15.72 | 73.43 6.78 -13.25 | 99.81 6.86 -38.91 | 106.12 6.98 -45.07 | 106.39 6.95 -45.58 | 104.53 6.94 -43.38 | 104.47 6.73 -44.33 | 104.52 6.68 -44.36 | 105.56 6.63 -45.51 | 107.97 6.61 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.28 7.43 -50.59 | 110.62 6.97 -50.04 | 103.79 6.42 -43.88 | 69.77 6.15 -10.57 |
| WADING RIVER_IC_3 23601 | 65.73 4.39 -9.69 | 61.03 3.84 -11.53 | 61.24 5.51 -8.27 | 56.70 5.39 -4.82 | 55.68 5.84 0.10 | 62.80 5.62 -9.55 | 60.66 4.66 -12.05 | 66.05 4.53 -15.72 | 73.43 6.78 -13.25 | 99.81 6.86 -38.91 | 106.12 6.98 -45.07 | 106.39 6.95 -45.58 | 104.53 6.94 -43.38 | 104.47 6.73 -44.33 | 104.52 6.68 -44.36 | 105.56 6.63 -45.51 | 107.97 6.61 -48.93 | 121.33 8.64 -50.07 | 134.72 9.88 -55.30 | 122.58 8.59 -52.62 | 112.28 7.43 -50.59 | 110.62 6.97 -50.04 | 103.79 6.42 -43.88 | 69.77 6.15 -10.57 |
| WALDEN___HYDRO 24148 | 64.83 3.72 -9.46 | 59.99 3.06 -11.27 | 56.62 3.28 -5.88 | 54.35 3.16 -4.70 | 53.38 3.55 0.10 | 60.53 3.57 -9.33 | 59.10 3.38 -11.77 | 65.04 3.89 -15.36 | 71.40 5.07 -12.94 | 76.00 5.19 -16.78 | 77.17 5.46 -17.64 | 77.12 5.44 -17.82 | 73.92 5.37 -14.34 | 68.43 5.18 -9.84 | 65.16 5.08 -6.60 | 62.67 5.02 -4.22 | 74.86 5.09 -17.34 | 93.75 6.70 -24.43 | 97.45 7.79 -20.11 | 91.67 6.81 -23.49 | 86.23 5.91 -26.06 | 78.40 5.47 -19.33 | 65.87 4.87 -7.51 | 61.96 4.40 -4.50 |
| WARRENSBURG___ 23737 | 68.21 3.72 -12.84 | 64.08 3.20 -15.22 | 58.66 3.18 -8.01 | 56.01 3.11 -6.41 | 53.13 3.20 0.00 | 63.26 3.05 -12.58 | 62.99 3.03 -16.01 | 69.43 2.79 -20.85 | 74.24 3.10 -17.75 | 80.54 3.57 -22.94 | 82.34 4.22 -24.04 | 82.46 4.25 -24.35 | 77.79 3.90 -19.67 | 70.57 3.58 -13.58 | 66.41 3.74 -9.19 | 63.06 3.63 -5.99 | 79.41 3.36 -23.62 | 99.73 4.01 -33.10 | 101.23 4.45 -27.23 | 97.40 4.36 -31.68 | 93.30 3.85 -35.19 | 83.56 3.65 -26.31 | 67.90 4.12 -10.29 | 63.40 4.14 -6.21 |
| WATERSIDE___6 8 9 23538 | 101.87 4.60 -45.62 | 81.32 3.74 -31.92 | 81.10 4.08 -29.55 | 80.90 3.95 -30.46 | 66.50 4.39 -12.17 | 61.66 4.48 -9.56 | 60.18 4.17 -12.06 | 66.10 4.58 -15.73 | 74.00 5.87 -14.74 | 104.96 6.00 -44.93 | 107.58 6.27 -47.23 | 107.97 6.25 -47.86 | 109.64 6.23 -49.20 | 107.87 6.04 -48.43 | 106.56 5.99 -47.10 | 105.37 5.82 -46.12 | 109.82 5.82 -51.56 | 115.43 7.76 -45.05 | 121.30 8.90 -42.85 | 114.93 7.73 -45.83 | 113.40 6.73 -52.42 | 107.73 6.33 -47.80 | 107.71 5.72 -48.49 | 106.60 5.36 -48.19 |
| WEST BABYLON___IC 23714 | 66.40 5.06 -9.69 | 61.40 4.20 -11.53 | 61.09 5.36 -8.27 | 56.52 5.21 -4.82 | 55.53 5.69 0.10 | 62.65 5.48 -9.55 | 60.92 4.92 -12.05 | 66.55 5.04 -15.72 | 73.75 7.10 -13.25 | 100.13 7.19 -38.91 | 106.45 7.30 -45.07 | 106.77 7.33 -45.58 | 104.91 7.32 -43.38 | 104.84 7.10 -44.33 | 104.84 7.01 -44.36 | 105.89 6.95 -45.51 | 108.34 6.97 -48.93 | 121.71 9.02 -50.07 | 135.07 10.22 -55.30 | 122.89 8.90 -52.62 | 112.66 7.81 -50.59 | 111.10 7.45 -50.04 | 104.22 6.85 -43.88 | 70.36 6.74 -10.57 |
| WEST CANADA___HYD 24049 | 51.67 0.26 0.24 | 45.61 0.23 0.28 | 47.55 0.24 0.15 | 46.60 0.23 0.12 | 50.19 0.25 0.00 | 47.63 0.24 0.23 | 43.91 0.26 0.30 | 45.68 0.27 0.39 | 53.44 0.37 0.33 | 54.04 0.43 0.43 | 54.12 0.49 0.45 | 53.89 0.48 0.45 | 54.28 0.43 0.37 | 53.53 0.37 0.25 | 53.68 0.37 0.17 | 53.69 0.37 0.11 | 52.37 0.37 0.44 | 62.51 0.50 0.61 | 69.67 0.63 0.51 | 61.33 0.55 0.59 | 54.09 0.49 0.65 | 53.55 0.43 0.49 | 53.68 0.37 0.19 | 53.25 0.32 0.12 |
| WESTERN_NY_WIND 24143 | 41.86 -5.58 4.22 | 38.82 -4.98 1.86 | 37.80 -5.17 4.50 | 37.86 -5.11 3.52 | 37.80 -5.34 6.80 | 42.23 -5.19 0.21 | 31.56 -4.88 7.51 | 33.00 -4.99 7.80 | 33.22 -4.22 15.95 | 33.43 -4.00 16.61 | 36.28 -4.06 13.74 | 32.77 -4.15 16.95 | 32.48 -4.28 17.45 | 32.66 -4.33 16.42 | 32.48 -5.72 15.27 | 33.21 -4.38 15.84 | 35.46 -4.20 12.79 | 48.82 -4.88 8.91 | 57.61 -5.84 6.10 | 55.12 -5.71 0.55 | 46.71 -4.50 3.04 | 36.49 -4.07 13.04 | 41.23 -4.17 8.10 | 41.18 -4.67 7.21 |
| YORK___WARBASSE 23770 | 110.89 4.80 -54.43 | 86.46 3.88 -36.92 | 87.01 4.22 -35.32 | 87.33 4.09 -36.75 | 69.66 4.54 -15.18 | 61.76 4.57 -9.56 | 60.31 4.31 -12.06 | 66.23 4.72 -15.73 | 74.58 6.09 -15.10 | 111.98 6.21 -51.73 | 115.00 6.54 -54.38 | 115.55 6.57 -55.12 | 118.43 6.56 -57.66 | 117.55 6.30 -57.83 | 116.72 6.26 -56.98 | 115.89 6.09 -56.36 | 118.42 6.14 -59.85 | 137.50 8.08 -66.80 | 137.90 9.32 -59.04 | 137.50 8.04 -68.09 | 140.00 7.05 -78.69 | 140.05 6.65 -79.80 | 126.56 6.04 -67.03 | 117.55 5.62 -58.87 |