

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/22/2011

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 98.59 | 82.89 | 73.57 | 72.42 | 73.76 | 84.18 | 94.57 | 108.18 | 124.95 | 138.52 | 153.17 | 139.69 | 133.58 | 121.06 | 114.76 | 117.94 | 132.40 | 179.36 | 184.09 | 152.31 | 142.39 | 128.60 | 121.08 | 126.18 |
| 24138 | 4.92 | 4.42 | 3.89 | 4.50 | 4.67 | 4.88 | 5.64 | 6.00 | 9.52 | 13.28 | 11.81 | 6.80 | 6.12 | 4.79 | 4.75 | 6.43 | 11.27 | 19.25 | 19.61 | 16.59 | 15.27 | 13.46 | 11.99 | 6.41 |
| | -38.95 | -27.71 | -22.21 | -14.39 | -13.54 | -22.58 | -26.95 | -42.79 | -26.44 | 1.22 | -36.81 | -74.79 | -76.44 | -75.98 | -69.79 | -56.06 | -24.79 | 1.69 | 1.74 | 1.37 | 1.23 | 0.87 | 0.91 | -49.27 |
| 74TH STREET_GT_1 | 98.65 | 82.95 | 73.67 | 72.48 | 73.81 | 84.24 | 94.64 | 108.24 | 124.95 | 138.52 | 153.28 | 139.77 | 133.59 | 121.11 | 116.70 | 117.95 | 132.41 | 179.53 | 184.26 | 152.45 | 142.52 | 128.82 | 121.19 | 126.25 |
| 24260 | 4.98 | 4.47 | 3.99 | 4.55 | 4.72 | 4.94 | 5.70 | 6.06 | 9.52 | 13.28 | 11.92 | 6.86 | 6.12 | 4.83 | 4.79 | 6.43 | 11.27 | 19.42 | 19.78 | 16.73 | 15.40 | 13.57 | 12.10 | 6.49 |
| | -38.96 | -27.71 | -22.21 | -14.39 | -13.54 | -22.58 | -26.95 | -42.80 | -26.44 | 1.22 | -36.82 | -74.81 | -76.45 | -76.00 | -71.69 | -56.07 | -24.80 | 1.68 | 1.73 | 1.37 | 1.22 | 0.76 | 0.91 | -49.28 |
| 74TH STREET_GT_2 | 98.65 | 82.95 | 73.67 | 72.48 | 73.81 | 84.24 | 94.64 | 108.24 | 124.95 | 138.52 | 153.28 | 139.77 | 133.59 | 121.11 | 116.70 | 117.95 | 132.41 | 179.53 | 184.26 | 152.45 | 142.52 | 128.82 | 121.19 | 126.25 |
| 24261 | 4.98 | 4.47 | 3.99 | 4.55 | 4.72 | 4.94 | 5.70 | 6.06 | 9.52 | 13.28 | 11.92 | 6.86 | 6.12 | 4.83 | 4.79 | 6.43 | 11.27 | 19.42 | 19.78 | 16.73 | 15.40 | 13.57 | 12.10 | 6.49 |
| | -38.96 | -27.71 | -22.21 | -14.39 | -13.54 | -22.58 | -26.95 | -42.80 | -26.44 | 1.22 | -36.82 | -74.81 | -76.45 | -76.00 | -71.69 | -56.07 | -24.80 | 1.68 | 1.73 | 1.37 | 1.22 | 0.76 | 0.91 | -49.28 |
| ADK HUDSON___FALLS | 108.25 | 90.00 | 79.71 | 76.24 | 77.39 | 90.13 | 101.15 | 118.72 | 129.68 | 135.63 | 159.30 | 157.82 | 152.55 | 140.34 | 128.53 | 131.24 | 135.15 | 172.60 | 177.14 | 146.03 | 136.10 | 122.98 | 117.32 | 137.87 |
| 24011 | 3.67 | 3.76 | 3.80 | 4.28 | 4.50 | 4.48 | 4.52 | 4.39 | 6.50 | 10.12 | 7.11 | 3.72 | 3.47 | 2.66 | 2.45 | 3.83 | 6.65 | 12.13 | 12.30 | 10.01 | 8.73 | 7.77 | 8.03 | 4.09 |
| | -49.87 | -35.47 | -28.43 | -18.43 | -17.33 | -28.93 | -34.64 | -54.93 | -34.20 | 0.96 | -47.65 | -96.00 | -98.06 | -97.41 | -85.85 | -71.97 | -32.17 | 1.33 | 1.37 | 1.07 | 0.97 | 0.80 | 0.71 | -63.29 |
| ADK RESOURCE___RCVRY | 108.29 | 90.31 | 80.18 | 77.00 | 78.26 | 90.57 | 101.50 | 119.21 | 130.93 | 137.37 | 159.99 | 156.81 | 151.19 | 138.91 | 127.49 | 130.34 | 135.92 | 174.34 | 178.60 | 147.65 | 136.84 | 124.35 | 118.95 | 137.30 |
| 23798 | 4.71 | 4.77 | 4.84 | 5.41 | 5.72 | 5.50 | 5.58 | 6.00 | 8.45 | 11.89 | 8.78 | 4.65 | 4.08 | 3.18 | 3.14 | 4.38 | 8.09 | 13.91 | 13.80 | 11.65 | 9.50 | 9.16 | 9.68 | 4.79 |
| | -48.88 | -34.76 | -27.86 | -18.06 | -16.99 | -28.35 | -33.93 | -53.82 | -33.49 | 0.98 | -46.66 | -94.06 | -96.09 | -95.45 | -84.13 | -70.52 | -31.49 | 1.36 | 1.41 | 1.10 | 1.00 | 0.82 | 0.73 | -62.01 |
| ADK S GLENS___FALLS | 108.25 | 90.00 | 79.71 | 76.24 | 77.39 | 90.13 | 101.15 | 118.72 | 129.68 | 135.63 | 159.30 | 157.82 | 152.55 | 140.34 | 128.53 | 131.24 | 135.15 | 172.60 | 177.14 | 146.03 | 136.10 | 122.98 | 117.32 | 137.87 |
| 24028 | 3.67 | 3.76 | 3.80 | 4.28 | 4.50 | 4.48 | 4.52 | 4.39 | 6.50 | 10.12 | 7.11 | 3.72 | 3.47 | 2.66 | 2.45 | 3.83 | 6.65 | 12.13 | 12.30 | 10.01 | 8.73 | 7.77 | 8.03 | 4.09 |
| | -49.87 | -35.47 | -28.43 | -18.43 | -17.33 | -28.93 | -34.64 | -54.93 | -34.20 | 0.96 | -47.65 | -96.00 | -98.06 | -97.41 | -85.85 | -71.97 | -32.17 | 1.33 | 1.37 | 1.07 | 0.97 | 0.80 | 0.71 | -63.29 |
| ADK_NYS___DAM | 107.31 | 89.37 | 79.17 | 76.08 | 77.27 | 89.54 | 100.58 | 117.89 | 129.70 | 135.97 | 158.77 | 155.47 | 149.69 | 137.53 | 126.33 | 129.14 | 134.84 | 172.22 | 176.75 | 146.26 | 135.80 | 123.29 | 117.73 | 136.24 |
| 23527 | 4.32 | 4.26 | 4.18 | 4.71 | 4.94 | 4.82 | 5.08 | 5.35 | 7.65 | 10.50 | 8.15 | 4.47 | 3.78 | 2.98 | 3.02 | 4.05 | 7.42 | 11.81 | 11.97 | 10.28 | 8.47 | 8.12 | 8.47 | 4.51 |
| | -48.27 | -34.34 | -27.52 | -17.83 | -16.78 | -28.00 | -33.51 | -53.15 | -33.07 | 1.00 | -46.07 | -92.90 | -94.90 | -94.27 | -83.09 | -69.64 | -31.09 | 1.38 | 1.43 | 1.11 | 1.01 | 0.84 | 0.74 | -61.24 |
| AIR_PRODUCTS___DRP | 107.36 | 88.92 | 78.48 | 74.93 | 75.97 | 88.75 | 99.93 | 117.15 | 127.38 | 131.83 | 157.10 | 156.45 | 151.03 | 139.13 | 127.58 | 129.75 | 132.97 | 167.74 | 172.15 | 142.19 | 132.63 | 119.96 | 114.23 | 136.16 |
| 24190 | 3.01 | 2.84 | 2.71 | 3.05 | 3.17 | 3.23 | 3.47 | 3.09 | 4.36 | 6.32 | 5.12 | 2.79 | 2.40 | 1.89 | 1.89 | 2.66 | 4.62 | 7.28 | 7.31 | 6.17 | 5.26 | 4.76 | 4.95 | 2.68 |
| | -49.64 | -35.31 | -28.30 | -18.34 | -17.25 | -28.79 | -34.47 | -54.67 | -34.04 | 0.96 | -47.43 | -95.56 | -97.62 | -96.96 | -85.46 | -71.64 | -32.01 | 1.34 | 1.38 | 1.08 | 0.98 | 0.81 | 0.71 | -62.99 |
| ALBANY___1 | 107.36 | 88.92 | 78.48 | 74.93 | 75.97 | 88.75 | 99.93 | 117.15 | 127.38 | 131.83 | 157.10 | 156.45 | 151.03 | 139.13 | 127.58 | 129.75 | 132.97 | 167.74 | 172.15 | 142.19 | 132.63 | 119.96 | 114.23 | 136.16 |
| 23571 | 3.01 | 2.84 | 2.71 | 3.05 | 3.17 | 3.23 | 3.47 | 3.09 | 4.36 | 6.32 | 5.12 | 2.79 | 2.40 | 1.89 | 1.89 | 2.66 | 4.62 | 7.28 | 7.31 | 6.17 | 5.26 | 4.76 | 4.95 | 2.68 |
| | -49.64 | -35.31 | -28.30 | -18.34 | -17.25 | -28.79 | -34.47 | -54.67 | -34.04 | 0.96 | -47.43 | -95.56 | -97.62 | -96.96 | -85.46 | -71.64 | -32.01 | 1.34 | 1.38 | 1.08 | 0.98 | 0.81 | 0.71 | -62.99 |
| ALBANY___2 | 107.36 | 88.92 | 78.48 | 74.93 | 75.97 | 88.75 | 99.93 | 117.15 | 127.38 | 131.83 | 157.10 | 156.45 | 151.03 | 139.13 | 127.58 | 129.75 | 132.97 | 167.74 | 172.15 | 142.19 | 132.63 | 119.96 | 114.23 | 136.16 |
| 23572 | 3.01 | 2.84 | 2.71 | 3.05 | 3.17 | 3.23 | 3.47 | 3.09 | 4.36 | 6.32 | 5.12 | 2.79 | 2.40 | 1.89 | 1.89 | 2.66 | 4.62 | 7.28 | 7.31 | 6.17 | 5.26 | 4.76 | 4.95 | 2.68 |
| | -49.64 | -35.31 | -28.30 | -18.34 | -17.25 | -28.79 | -34.47 | -54.67 | -34.04 | 0.96 | -47.43 | -95.56 | -97.62 | -96.96 | -85.46 | -71.64 | -32.01 | 1.34 | 1.38 | 1.08 | 0.98 | 0.81 | 0.71 | -62.99 |
| ALBANY___3 | 107.36 | 88.92 | 78.48 | 74.93 | 75.97 | 88.75 | 99.93 | 117.15 | 127.38 | 131.83 | 157.10 | 156.45 | 151.03 | 139.13 | 127.58 | 129.75 | 132.97 | 167.74 | 172.15 | 142.19 | 132.63 | 119.96 | 114.23 | 136.16 |
| 23573 | 3.01 | 2.84 | 2.71 | 3.05 | 3.17 | 3.23 | 3.47 | 3.09 | 4.36 | 6.32 | 5.12 | 2.79 | 2.40 | 1.89 | 1.89 | 2.66 | 4.62 | 7.28 | 7.31 | 6.17 | 5.26 | 4.76 | 4.95 | 2.68 |
| | -49.64 | -35.31 | -28.30 | -18.34 | -17.25 | -28.79 | -34.47 | -54.67 | -34.04 | 0.96 | -47.43 | -95.56 | -97.62 | -96.96 | -85.46 | -71.64 | -32.01 | 1.34 | 1.38 | 1.08 | 0.98 | 0.81 | 0.71 | -62.99 |
| ALBANY___4 | 107.36 | 88.92 | 78.48 | 74.93 | 75.97 | 88.75 | 99.93 | 117.15 | 127.38 | 131.83 | 157.10 | 156.45 | 151.03 | 139.13 | 127.58 | 129.75 | 132.97 | 167.74 | 172.15 | 142.19 | 132.63 | 119.96 | 114.23 | 136.16 |
| 23574 | 3.01 | 2.84 | 2.71 | 3.05 | 3.17 | 3.23 | 3.47 | 3.09 | 4.36 | 6.32 | 5.12 | 2.79 | 2.40 | 1.89 | 1.89 | 2.66 | 4.62 | 7.28 | 7.31 | 6.17 | 5.26 | 4.76 | 4.95 | 2.68 |
| | -49.64 | -35.31 | -28.30 | -18.34 | -17.25 | -28.79 | -34.47 | -54.67 | -34.04 | 0.96 | -47.43 | -95.56 | -97.62 | -96.96 | -85.46 | -71.64 | -32.01 | 1.34 | 1.38 | 1.08 | 0.98 | 0.81 | 0.71 | -62.99 |

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|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ALBANY___LFG | 108.84 | 90.12 | 79.50 | 75.74 | 76.83 | 89.90 | 101.43 | 119.13 | 129.64 | 134.31 | 160.05 | 159.46 | 153.93 | 141.74 | 129.93 | 132.23 | 135.50 | 171.01 | 175.52 | 144.91 | 135.14 | 122.04 | 116.16 | 138.60 |
| 323615 | 3.45 | 3.30 | 3.13 | 3.48 | 3.67 | 3.74 | 4.03 | 3.68 | 5.34 | 7.84 | 6.27 | 3.43 | 2.96 | 2.30 | 2.29 | 3.33 | 5.78 | 9.22 | 9.31 | 7.81 | 6.80 | 6.03 | 6.16 | 3.45 |
| | -50.69 | -36.05 | -28.90 | -18.73 | -17.62 | -29.43 | -35.42 | -56.06 | -35.32 | 0.00 | -49.24 | -97.93 | -99.96 | -99.16 | -87.41 | -73.45 | -33.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -64.66 |
| ALCOA_RYNLDS___DRP | 54.11 | 50.26 | 47.05 | 53.05 | 55.11 | 56.27 | 61.06 | 58.38 | 87.56 | 124.57 | 102.97 | 57.23 | 50.15 | 39.67 | 39.66 | 54.78 | 94.89 | 159.20 | 163.39 | 134.49 | 126.41 | 114.38 | 108.57 | 69.43 |
| 24188 | -0.60 | -0.51 | -0.43 | -0.48 | -0.44 | -0.45 | -0.93 | -1.01 | -1.42 | -1.90 | -1.57 | -0.87 | -0.87 | -0.60 | -0.56 | -0.67 | -1.45 | -2.59 | -2.83 | -2.60 | -1.93 | -1.62 | -1.43 | -1.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALLEGHENY___COGEN | 59.98 | 54.36 | 50.04 | 54.83 | 56.84 | 59.82 | 67.28 | 67.43 | 96.66 | 132.55 | 116.26 | 72.84 | 65.64 | 53.69 | 52.02 | 66.40 | 104.06 | 170.74 | 175.92 | 144.26 | 135.15 | 120.88 | 112.60 | 79.52 |
| 23514 | -0.98 | -0.86 | -1.00 | -1.02 | -0.89 | -0.68 | -0.12 | 0.00 | 0.62 | 1.39 | 1.78 | 0.93 | 0.92 | 0.40 | 0.28 | 0.44 | 0.29 | 2.43 | 2.99 | 1.92 | 2.05 | 0.93 | -0.88 | -0.56 |
| | -6.26 | -4.45 | -3.57 | -2.31 | -2.17 | -3.77 | -5.42 | -8.04 | -7.05 | -4.69 | -9.94 | -13.81 | -13.71 | -13.01 | -11.51 | -10.51 | -7.44 | -6.52 | -6.72 | -5.25 | -4.76 | -3.94 | -3.48 | -9.60 |
| ALTONA_WT_PWR | 54.98 | 51.12 | 47.81 | 53.96 | 56.05 | 57.29 | 62.29 | 59.63 | 89.52 | 127.48 | 105.48 | 58.63 | 51.37 | 40.56 | 40.51 | 55.95 | 97.01 | 163.09 | 167.37 | 137.64 | 129.24 | 116.82 | 110.44 | 70.63 |
| 323606 | 0.27 | 0.36 | 0.33 | 0.43 | 0.50 | 0.57 | 0.31 | 0.24 | 0.53 | 1.01 | 0.94 | 0.52 | 0.36 | 0.28 | 0.28 | 0.50 | 0.67 | 1.29 | 1.16 | 0.55 | 0.90 | 0.81 | 0.44 | 0.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AMERICAN_REF_FUEL | 54.40 | 49.28 | 45.34 | 49.61 | 51.33 | 51.48 | 42.22 | 41.16 | 39.86 | 37.18 | 37.07 | 35.52 | 35.09 | 34.88 | 34.22 | 34.61 | 36.01 | 39.99 | 40.83 | 38.19 | 38.31 | 40.18 | 41.33 | 44.08 |
| 24010 | -6.07 | -5.58 | -5.41 | -6.05 | -6.22 | -6.30 | -6.69 | -6.41 | -9.34 | -12.90 | -10.14 | -5.64 | -4.90 | -3.99 | -4.06 | -5.54 | -10.02 | -15.69 | -15.96 | -13.44 | -12.58 | -11.72 | -11.99 | -7.47 |
| | -5.76 | -4.10 | -3.28 | -2.13 | -2.00 | -1.05 | 13.07 | 11.81 | 39.78 | 76.38 | 57.33 | 16.95 | 11.03 | 1.41 | 1.95 | 15.29 | 50.30 | 106.10 | 109.42 | 85.47 | 77.45 | 64.12 | 56.68 | 18.94 |
| ARTHUR_KILL_GT_1 | 98.93 | 83.11 | 73.73 | 72.59 | 73.88 | 84.19 | 94.45 | 108.07 | 124.77 | 138.52 | 153.49 | 139.94 | 133.80 | 121.31 | 116.78 | 118.17 | 132.79 | 180.18 | 201.88 | 167.76 | 161.98 | 161.98 | 121.86 | 126.61 |
| 23520 | 5.25 | 4.62 | 4.04 | 4.66 | 4.78 | 4.88 | 5.52 | 5.88 | 9.34 | 13.28 | 12.13 | 7.03 | 6.33 | 5.03 | 4.99 | 6.65 | 11.66 | 20.06 | 20.61 | 17.27 | 15.91 | 14.27 | 12.76 | 6.84 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.22 | -36.82 | -74.81 | -76.45 | -76.00 | -71.57 | -56.07 | -24.80 | 1.68 | -15.05 | -13.39 | -17.73 | -31.70 | 0.90 | -49.28 |
| ARTHUR_KILL_2 | 98.93 | 83.11 | 73.73 | 72.59 | 73.88 | 84.19 | 94.45 | 108.07 | 124.77 | 138.52 | 153.49 | 139.94 | 133.80 | 121.31 | 116.78 | 118.17 | 132.79 | 180.18 | 201.88 | 167.76 | 161.98 | 161.98 | 121.86 | 126.61 |
| 23512 | 5.25 | 4.62 | 4.04 | 4.66 | 4.78 | 4.88 | 5.52 | 5.88 | 9.34 | 13.28 | 12.13 | 7.03 | 6.33 | 5.03 | 4.99 | 6.65 | 11.66 | 20.06 | 20.61 | 17.27 | 15.91 | 14.27 | 12.76 | 6.84 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.22 | -36.82 | -74.81 | -76.45 | -76.00 | -71.57 | -56.07 | -24.80 | 1.68 | -15.05 | -13.39 | -17.73 | -31.70 | 0.90 | -49.28 |
| ARTHUR_KILL_3 | 98.26 | 82.59 | 73.34 | 72.21 | 73.54 | 83.96 | 94.39 | 108.01 | 124.60 | 138.02 | 153.07 | 139.64 | 133.48 | 121.02 | 115.63 | 117.83 | 132.30 | 179.04 | 183.92 | 152.18 | 142.13 | 128.53 | 120.75 | 125.97 |
| 23513 | 4.60 | 4.11 | 3.66 | 4.28 | 4.44 | 4.65 | 5.45 | 5.82 | 9.17 | 12.77 | 11.71 | 6.74 | 6.02 | 4.75 | 4.71 | 6.32 | 11.17 | 18.93 | 19.45 | 16.45 | 15.02 | 13.34 | 11.66 | 6.20 |
| | -38.96 | -27.71 | -22.21 | -14.39 | -13.54 | -22.58 | -26.95 | -42.80 | -26.45 | 1.22 | -36.82 | -74.80 | -76.45 | -75.99 | -70.70 | -56.07 | -24.80 | 1.68 | 1.73 | 1.37 | 1.22 | 0.82 | 0.91 | -49.27 |
| ASHOKAN_____ | 102.94 | 86.24 | 76.49 | 74.73 | 76.09 | 87.35 | 98.25 | 113.17 | 129.45 | 142.65 | 158.87 | 147.22 | 141.02 | 128.21 | 118.22 | 123.84 | 136.49 | 183.66 | 188.34 | 156.10 | 145.02 | 130.94 | 123.34 | 131.63 |
| 23654 | 6.07 | 5.48 | 4.98 | 5.62 | 5.89 | 6.18 | 7.07 | 7.42 | 11.75 | 17.33 | 14.32 | 7.19 | 5.64 | 5.47 | 7.65 | 13.20 | 23.46 | 23.77 | 20.29 | 17.84 | 15.89 | 14.19 | 7.75 | 7.75 |
| | -42.16 | -29.99 | -24.04 | -15.58 | -14.65 | -24.44 | -29.20 | -46.36 | -28.72 | 1.15 | -40.01 | -81.04 | -82.81 | -82.29 | -72.53 | -60.74 | -26.95 | 1.59 | 1.64 | 1.28 | 1.16 | 0.96 | 0.85 | -53.39 |
| ASTORIA_EAST_ENERGY_CC1 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.38 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.42 | 151.62 | 142.12 | 128.99 | 122.08 | 126.97 |
| 323581 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.14 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 18.95 | 15.90 | 15.02 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_EAST_ENERGY_CC2 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 323582 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_GT2_1 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 24094 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_GT2_2 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 24095 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_GT2_3 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 24096 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_GT2_4 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 24097 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |
| ASTORIA_GT3_1 | 99.04 | 83.46 | 74.20 | 73.08 | 74.43 | 84.70 | 94.82 | 108.24 | 124.41 | 137.50 | 152.33 | 139.46 | 133.58 | 121.18 | 115.83 | 117.94 | 132.11 | 178.55 | 183.58 | 151.62 | 142.25 | 128.99 | 122.08 | 126.97 |
| 24098 | 5.36 | 4.98 | 4.51 | 5.14 | 5.33 | 5.39 | 5.89 | 6.06 | 8.99 | 12.27 | 10.98 | 6.57 | 6.12 | 4.91 | 4.91 | 6.43 | 10.98 | 18.44 | 19.11 | 15.90 | 15.14 | 13.81 | 12.98 | 7.19 |
| | -38.97 | -27.72 | -22.22 | -14.40 | -13.55 | -22.58 | -26.95 | -42.80 | -26.44 | 1.23 | -36.81 | -74.79 | -76.44 | -75.99 | -70.69 | -56.06 | -24.79 | 1.69 | 1.74 | 1.38 | 1.23 | 0.82 | 0.90 | -49.28 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| ASTORIA_GT3_2 24099 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT3_3 24100 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT3_4 24101 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT4_1 24102 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT4_2 24103 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT4_3 24104 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT4_4 24105 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT_1 23523 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT_10 24110 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ASTORIA_GT_11 24225 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ASTORIA_GT_12 24226 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ASTORIA_GT_13 24227 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ASTORIA_GT_5 24106 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT_7 24107 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA_GT_8 24108 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA___2 24149 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |

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|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| ASTORIA___3 23516 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ASTORIA___4 23517 | 99.04 5.36 -38.97 | 83.46 4.98 -27.72 | 74.20 4.51 -22.22 | 73.08 5.14 -14.40 | 74.43 5.33 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.41 8.99 -26.44 | 137.50 12.27 1.23 | 152.33 10.98 -36.81 | 139.46 6.57 -74.79 | 133.58 6.12 -76.44 | 121.18 4.91 -75.99 | 115.83 4.91 -70.69 | 117.94 6.43 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.25 15.14 1.23 | 128.99 13.81 0.82 | 122.08 12.98 0.90 | 126.97 7.19 -49.28 |
| ASTORIA___5 23518 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| ATHENS_STG_1 23668 | 100.93 3.17 -43.04 | 84.23 2.84 -30.61 | 74.62 2.61 -24.54 | 72.43 3.00 -15.90 | 73.57 3.06 -14.96 | 84.86 3.18 -24.95 | 95.46 3.66 -29.82 | 110.46 3.74 -47.33 | 124.10 5.78 -29.33 | 133.40 8.09 1.16 | 152.28 6.90 -40.84 | 144.70 3.89 -82.71 | 139.00 3.47 -84.51 | 127.00 2.74 -83.99 | 116.98 2.74 -74.02 | 121.10 3.66 -61.99 | 130.21 6.36 -27.52 | 170.86 10.68 1.61 | 175.35 10.80 1.66 | 145.12 9.32 1.30 | 135.38 8.21 1.17 | 122.58 7.54 0.97 | 116.18 7.04 0.86 | 128.73 3.74 -54.51 |
| ATHENS_STG_2 23670 | 100.93 3.17 -43.04 | 84.23 2.84 -30.61 | 74.62 2.61 -24.54 | 72.43 3.00 -15.90 | 73.57 3.06 -14.96 | 84.86 3.18 -24.95 | 95.46 3.66 -29.82 | 110.46 3.74 -47.33 | 124.10 5.78 -29.33 | 133.40 8.09 1.16 | 152.28 6.90 -40.84 | 144.70 3.89 -82.71 | 139.00 3.47 -84.51 | 127.00 2.74 -83.99 | 116.98 2.74 -74.02 | 121.10 3.66 -61.99 | 130.21 6.36 -27.52 | 170.86 10.68 1.61 | 175.35 10.80 1.66 | 145.12 9.32 1.30 | 135.38 8.21 1.17 | 122.58 7.54 0.97 | 116.18 7.04 0.86 | 128.73 3.74 -54.51 |
| ATHENS_STG_3 23677 | 100.93 3.17 -43.04 | 84.23 2.84 -30.61 | 74.62 2.61 -24.54 | 72.43 3.00 -15.90 | 73.57 3.06 -14.96 | 84.86 3.18 -24.95 | 95.46 3.66 -29.82 | 110.46 3.74 -47.33 | 124.10 5.78 -29.33 | 133.40 8.09 1.16 | 152.28 6.90 -40.84 | 144.70 3.89 -82.71 | 139.00 3.47 -84.51 | 127.00 2.74 -83.99 | 116.98 2.74 -74.02 | 121.10 3.66 -61.99 | 130.21 6.36 -27.52 | 170.86 10.68 1.61 | 175.35 10.80 1.66 | 145.12 9.32 1.30 | 135.38 8.21 1.17 | 122.58 7.54 0.97 | 116.18 7.04 0.86 | 128.73 3.74 -54.51 |
| BARRETT_IC_1 23704 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_10 23701 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_11 23702 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_12 23703 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_2 23705 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_3 23706 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_4 23707 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_5 23708 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_6 23709 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_7 23710 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |

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|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| BARRETT_IC_8 23711 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT_IC_9 23700 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT___1 23545 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BARRETT___2 23546 | 99.82 6.07 -39.04 | 83.52 5.03 -27.72 | 74.02 4.32 -22.22 | 72.86 4.93 -14.40 | 74.10 5.00 -13.55 | 84.82 5.50 -22.59 | 95.52 6.57 -26.96 | 109.27 7.01 -42.88 | 145.53 10.86 -45.69 | 163.71 15.05 -22.19 | 168.69 12.86 -51.29 | 168.69 7.32 -103.26 | 168.69 6.63 -111.04 | 168.69 5.08 -123.34 | 168.69 5.03 -123.44 | 168.69 6.76 -106.48 | 191.97 11.75 -83.89 | 228.49 20.22 -46.47 | 229.30 20.94 -42.15 | 209.20 17.27 -54.83 | 199.80 15.79 -55.68 | 175.11 14.15 -44.95 | 168.69 13.09 -45.60 | 127.26 7.40 -49.37 |
| BEACON___LESR 323632 | 107.69 3.56 -49.42 | 89.32 3.40 -35.15 | 78.83 3.18 -28.17 | 75.38 3.59 -18.26 | 76.45 3.72 -17.18 | 89.19 3.80 -28.66 | 100.45 4.15 -34.32 | 117.68 3.86 -54.43 | 128.47 5.61 -33.88 | 133.72 8.22 0.97 | 158.45 6.69 -47.21 | 156.90 3.66 -95.14 | 151.37 3.16 -97.19 | 139.31 2.50 -96.54 | 127.80 2.49 -85.09 | 130.32 3.55 -71.33 | 134.37 6.17 -31.87 | 170.32 9.87 1.34 | 174.80 9.97 1.39 | 144.37 8.36 1.08 | 134.67 7.32 0.98 | 121.69 6.50 0.81 | 115.88 6.60 0.72 | 136.94 3.74 -62.71 |
| BEAVER RIVER___HYD 24048 | 55.53 0.82 0.00 | 51.48 0.71 0.00 | 47.90 0.43 0.00 | 54.07 0.54 0.00 | 56.00 0.44 0.00 | 57.46 0.74 0.00 | 62.73 0.74 0.00 | 59.81 0.42 0.00 | 89.96 0.98 0.00 | 128.24 1.77 0.00 | 106.63 2.09 0.00 | 59.32 1.22 0.00 | 52.14 1.12 0.00 | 41.04 0.77 0.00 | 40.91 0.68 0.00 | 56.39 0.94 0.00 | 97.30 0.96 0.00 | 164.87 3.07 0.00 | 169.54 3.32 0.00 | 139.42 2.33 0.00 | 130.78 2.44 0.00 | 117.52 1.51 0.00 | 110.77 0.77 0.00 | 71.62 1.13 0.00 |
| BEEBEE_GT_13 23619 | 58.08 -1.09 -4.46 | 52.88 -1.07 -3.17 | 48.93 -1.09 -2.54 | 54.17 -1.02 -1.65 | 56.16 -0.94 -1.55 | 58.74 -0.79 -2.81 | 66.24 -0.50 -4.75 | 65.77 -0.30 -6.68 | 96.56 0.27 -7.30 | 134.79 1.01 -7.31 | 116.68 1.78 -10.36 | 70.16 0.76 -11.30 | 62.87 0.92 -10.94 | 50.58 0.36 -9.94 | 49.37 0.32 -8.83 | 64.84 0.67 -8.73 | 105.03 0.58 -8.12 | 174.86 2.91 -10.16 | 179.85 3.16 -10.48 | 147.47 2.19 -8.18 | 138.32 2.57 -7.42 | 124.00 1.86 -6.14 | 115.31 -0.11 -5.43 | 78.14 -0.56 -8.21 |
| BETHLEHEM___GRP 23843 | 107.36 3.01 -49.64 | 88.92 2.84 -35.31 | 78.48 2.71 -28.30 | 74.93 3.05 -18.34 | 75.97 3.17 -17.25 | 88.75 3.23 -28.79 | 99.93 3.47 -34.47 | 117.15 3.09 -54.67 | 127.38 4.36 -34.04 | 131.83 6.32 0.96 | 157.10 5.12 -47.43 | 156.45 2.79 -95.56 | 151.03 2.40 -97.62 | 139.13 1.89 -96.96 | 127.58 1.89 -85.46 | 129.75 2.66 -71.64 | 132.97 4.62 -32.01 | 167.74 7.28 1.34 | 172.15 7.31 1.38 | 142.19 6.17 1.08 | 132.63 5.26 0.98 | 119.96 4.76 0.81 | 114.23 4.95 0.71 | 136.16 2.68 -62.99 |
| BETHLEHEM___GS1 323560 | 107.36 3.01 -49.64 | 88.92 2.84 -35.31 | 78.48 2.71 -28.30 | 74.93 3.05 -18.34 | 75.97 3.17 -17.25 | 88.75 3.23 -28.79 | 99.93 3.47 -34.47 | 117.15 3.09 -54.67 | 127.38 4.36 -34.04 | 131.83 6.32 0.96 | 157.10 5.12 -47.43 | 156.45 2.79 -95.56 | 151.03 2.40 -97.62 | 139.13 1.89 -96.96 | 127.58 1.89 -85.46 | 129.75 2.66 -71.64 | 132.97 4.62 -32.01 | 167.74 7.28 1.34 | 172.15 7.31 1.38 | 142.19 6.17 1.08 | 132.63 5.26 0.98 | 119.96 4.76 0.81 | 114.23 4.95 0.71 | 136.16 2.68 -62.99 |
| BETHLEHEM___GS2 323561 | 107.36 3.01 -49.64 | 88.92 2.84 -35.31 | 78.48 2.71 -28.30 | 74.93 3.05 -18.34 | 75.97 3.17 -17.25 | 88.75 3.23 -28.79 | 99.93 3.47 -34.47 | 117.15 3.09 -54.67 | 127.38 4.36 -34.04 | 131.83 6.32 0.96 | 157.10 5.12 -47.43 | 156.45 2.79 -95.56 | 151.03 2.40 -97.62 | 139.13 1.89 -96.96 | 127.58 1.89 -85.46 | 129.75 2.66 -71.64 | 132.97 4.62 -32.01 | 167.74 7.28 1.34 | 172.15 7.31 1.38 | 142.19 6.17 1.08 | 132.63 5.26 0.98 | 119.96 4.76 0.81 | 114.23 4.95 0.71 | 136.16 2.68 -62.99 |
| BETHLEHEM___GS3 323562 | 107.36 3.01 -49.64 | 88.92 2.84 -35.31 | 78.48 2.71 -28.30 | 74.93 3.05 -18.34 | 75.97 3.17 -17.25 | 88.75 3.23 -28.79 | 99.93 3.47 -34.47 | 117.15 3.09 -54.67 | 127.38 4.36 -34.04 | 131.83 6.32 0.96 | 157.10 5.12 -47.43 | 156.45 2.79 -95.56 | 151.03 2.40 -97.62 | 139.13 1.89 -96.96 | 127.58 1.89 -85.46 | 129.75 2.66 -71.64 | 132.97 4.62 -32.01 | 167.74 7.28 1.34 | 172.15 7.31 1.38 | 142.19 6.17 1.08 | 132.63 5.26 0.98 | 119.96 4.76 0.81 | 114.23 4.95 0.71 | 136.16 2.68 -62.99 |
| BETHLEHEM___STEEL 23779 | 55.21 -5.69 -6.19 | 49.94 -5.23 -4.40 | 45.92 -5.08 -3.53 | 50.15 -5.67 -2.29 | 51.87 -5.83 -2.15 | 52.24 -5.90 -1.41 | 43.91 -6.14 11.94 | 43.00 -5.94 10.45 | 43.00 -8.63 37.35 | 42.15 -11.63 72.68 | 41.48 -9.20 53.86 | 38.24 -5.11 14.75 | 37.49 -4.44 9.09 | 36.70 -3.63 -0.05 | 35.90 -3.70 0.63 | 36.83 -5.10 13.52 | 39.79 -9.15 47.39 | 46.76 -14.08 100.96 | 47.97 -14.13 104.11 | 43.71 -12.06 81.32 | 43.48 -11.17 73.69 | 44.33 -10.67 61.00 | 44.85 -11.22 53.93 | 46.47 -6.91 17.12 |
| BETHPAGE_CC_5 323564 | 100.02 6.35 -38.96 | 83.66 5.18 -27.71 | 74.15 4.46 -22.21 | 72.96 5.03 -14.40 | 74.21 5.11 -13.54 | 84.98 5.67 -22.58 | 95.76 6.82 -26.95 | 109.44 7.25 -42.80 | 128.88 11.84 -28.06 | 143.52 16.31 -0.74 | 156.59 14.01 -38.04 | 143.33 8.02 -77.20 | 137.58 7.19 -79.37 | 131.78 5.60 -85.91 | 131.78 5.55 -86.01 | 131.86 7.49 -68.93 | 145.48 13.10 -36.05 | 190.40 22.49 -6.12 | 193.69 23.27 -4.21 | 168.47 19.19 -12.18 | 153.92 17.58 -7.99 | 137.43 15.78 -5.65 | 130.29 14.30 -5.99 | 127.81 8.04 -49.28 |
| BINGHAMTON___COGEN 23790 | 67.42 0.00 -12.70 | 59.86 0.05 -9.04 | 54.67 -0.05 -7.24 | 58.18 -0.05 -4.69 | 59.97 0.00 -4.42 | 63.95 0.06 -7.17 | 69.69 0.37 -7.33 | 72.04 0.24 -12.41 | 94.42 0.53 -4.90 | 120.21 0.63 6.89 | 111.93 0.73 -6.66 | 80.57 0.46 -22.00 | 74.50 0.46 -23.02 | 64.26 0.28 -23.70 | 61.29 0.24 -20.83 | 71.99 0.28 -16.27 | 100.10 0.29 -3.48 | 153.35 1.13 9.57 | 157.67 1.33 9.87 | 130.48 1.10 7.71 | 122.25 0.90 6.99 | 110.57 0.35 5.79 | 104.88 0.00 5.11 | 84.47 0.14 -13.83 |
| BLACK RIVER___HYD 24047 | 57.54 1.42 -1.41 | 53.04 1.27 -1.00 | 49.13 0.85 -0.80 | 55.07 1.02 -0.52 | 57.04 1.00 -0.49 | 58.96 1.42 -0.82 | 64.52 1.55 -0.98 | 62.02 1.07 -1.56 | 92.01 2.05 -0.98 | 130.01 3.54 0.00 | 109.47 3.55 -1.37 | 62.92 2.09 -2.72 | 55.73 1.94 -2.78 | 44.36 1.33 -2.76 | 43.86 1.21 -2.43 | 59.15 1.66 -2.04 | 99.48 2.22 -0.93 | 167.78 5.99 0.00 | 172.53 6.32 0.00 | 141.89 4.80 0.00 | 132.83 4.49 0.00 | 119.14 3.13 0.00 | 111.87 1.87 0.00 | 74.33 2.04 -1.80 |
| BLISS_WT_PWR 323608 | 60.50 -1.15 -6.94 | 54.69 -1.02 -4.94 | 50.29 -1.14 -3.96 | 54.82 -1.28 -2.56 | 56.85 -1.11 -2.41 | 57.63 -1.25 -2.15 | 52.91 0.12 9.20 | 51.65 -0.48 7.26 | 57.84 0.00 31.15 | 66.48 2.78 62.77 | 62.71 3.14 44.97 | 50.13 1.69 9.66 | 47.79 1.48 4.71 | 44.37 0.93 -3.16 | 43.24 0.80 -2.21 | 47.08 1.00 9.36 | 57.90 1.45 39.88 | 80.10 5.50 87.19 | 82.78 6.48 89.92 | 70.56 3.70 70.23 | 68.80 4.11 63.64 | 65.18 1.86 52.69 | 62.43 -0.99 46.57 | 57.25 -0.49 12.75 |

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| BLUE_CIRC_CHEM_DRP 24182 | 106.48 2.63 -49.15 | 88.16 2.44 -34.96 | 77.77 2.28 -28.02 | 74.26 2.57 -18.16 | 75.30 2.67 -17.08 | 87.95 2.72 -28.50 | 99.15 3.04 -34.12 | 116.48 2.97 -54.12 | 127.03 4.36 -33.69 | 131.69 6.20 0.97 | 156.61 5.12 -46.95 | 155.62 2.91 -94.61 | 150.22 2.55 -96.65 | 138.30 2.01 -96.00 | 126.85 2.01 -84.62 | 129.15 2.77 -70.93 | 132.74 4.72 -31.68 | 168.04 7.60 1.35 | 172.46 7.65 1.39 | 142.58 6.58 1.09 | 133.13 5.78 0.99 | 120.41 5.22 0.82 | 114.45 5.17 0.72 | 135.67 2.82 -62.36 |
| BOC_GAS_DRP 24189 | 106.94 2.57 -49.66 | 88.48 2.39 -35.32 | 78.02 2.23 -28.31 | 74.40 2.52 -18.35 | 75.42 2.61 -17.26 | 88.19 2.67 -28.80 | 99.45 2.98 -34.49 | 117.00 2.91 -54.70 | 127.31 4.27 -34.05 | 131.58 6.07 0.96 | 157.01 5.02 -47.45 | 156.49 2.79 -95.59 | 151.17 2.50 -97.65 | 139.21 1.93 -96.99 | 127.68 1.97 -85.49 | 129.77 2.66 -71.67 | 132.89 4.53 -32.03 | 167.74 7.28 1.33 | 172.15 7.31 1.38 | 142.32 6.31 1.07 | 132.76 5.39 0.97 | 120.19 4.99 0.81 | 114.23 4.95 0.71 | 136.26 2.75 -63.02 |
| BORALEX_4TH_BRANCH 23824 | 107.31 4.32 -48.27 | 89.37 4.26 -34.34 | 79.17 4.18 -27.52 | 76.08 4.71 -17.83 | 77.27 4.94 -16.78 | 89.54 4.82 -28.00 | 100.58 5.08 -33.51 | 117.89 5.35 -53.15 | 129.70 7.65 -33.07 | 135.97 10.50 1.00 | 158.77 8.15 -46.07 | 155.47 4.47 -92.90 | 149.69 3.78 -94.90 | 137.53 2.98 -94.27 | 126.33 3.02 -83.09 | 129.14 4.05 -69.64 | 134.84 7.42 -31.09 | 172.22 11.81 1.38 | 176.75 11.97 1.43 | 146.26 10.28 1.11 | 135.80 8.47 1.01 | 123.29 8.12 1.01 | 117.73 8.47 0.74 | 136.24 4.51 -61.24 |
| BOWLINE___1 23526 | 96.91 4.16 -38.04 | 81.53 3.71 -27.06 | 72.49 3.32 -21.69 | 71.39 3.80 -14.05 | 72.66 3.89 -13.22 | 82.86 4.08 -22.05 | 93.12 4.83 -26.31 | 106.34 5.17 -41.78 | 122.97 8.19 -25.80 | 136.61 11.38 1.24 | 150.41 9.93 -35.93 | 136.84 5.69 -73.04 | 130.83 5.15 -74.66 | 118.57 4.07 -74.22 | 109.71 3.98 -65.51 | 115.57 5.38 -54.74 | 129.95 9.44 -24.18 | 176.25 16.18 1.72 | 181.06 16.62 1.77 | 149.83 14.12 1.39 | 139.92 12.83 1.26 | 126.23 11.25 1.03 | 119.09 10.01 0.92 | 123.81 5.22 -48.10 |
| BOWLINE___2 23595 | 96.92 4.16 -38.05 | 81.54 3.71 -27.06 | 72.49 3.32 -21.69 | 71.39 3.80 -14.06 | 72.66 3.89 -13.22 | 82.86 4.08 -22.05 | 93.13 4.83 -26.31 | 106.34 5.17 -41.78 | 122.97 8.19 -25.80 | 136.48 11.26 1.24 | 150.41 9.93 -35.93 | 136.84 5.69 -73.05 | 130.83 5.15 -74.66 | 118.53 4.03 -74.22 | 109.72 3.98 -65.51 | 115.57 5.38 -54.75 | 129.95 9.44 -24.18 | 176.25 16.18 1.72 | 181.06 16.62 1.77 | 149.83 14.12 1.39 | 139.92 12.83 1.26 | 126.23 11.25 1.03 | 119.09 10.01 0.92 | 123.82 5.22 -48.11 |
| BROOKHAVEN___DRP 24191 | 100.62 6.95 -38.96 | 84.02 5.53 -27.71 | 74.39 4.70 -22.21 | 73.28 5.35 -14.39 | 74.48 5.39 -13.54 | 85.38 6.07 -22.58 | 96.31 7.38 -26.95 | 110.09 7.90 -42.80 | 129.06 13.08 -26.99 | 143.99 18.08 0.56 | 157.24 15.47 -37.23 | 142.55 8.83 -75.62 | 136.36 7.91 -77.44 | 130.11 6.20 -83.63 | 130.11 6.15 -83.73 | 130.35 8.26 -66.64 | 144.01 14.55 -33.13 | 190.21 24.75 -3.66 | 193.54 25.43 -1.90 | 167.79 21.11 -9.59 | 152.81 19.38 -5.09 | 136.32 17.05 -3.26 | 128.98 15.40 -3.58 | 128.30 8.53 -49.28 |
| BROOKLYN_NAVY_YARD 23515 | 98.59 4.92 -38.96 | 82.84 4.37 -27.71 | 73.58 3.89 -22.21 | 72.37 4.44 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.24 6.06 -42.79 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.64 6.74 -74.80 | 133.43 5.97 -76.45 | 120.94 4.67 -75.99 | 115.55 4.63 -70.70 | 117.83 6.32 -56.07 | 132.30 11.17 -24.80 | 178.88 18.77 1.68 | 183.59 19.11 1.73 | 152.45 16.73 1.37 | 142.13 15.02 1.22 | 128.65 13.46 0.82 | 121.08 11.99 0.91 | 126.18 6.41 -49.27 |
| BROOKLYN___ARMY_DRP 323595 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| BROOME___LFGE 323600 | 67.42 0.00 -12.70 | 59.86 0.05 -9.04 | 54.67 -0.05 -7.24 | 58.18 -0.05 -4.69 | 59.97 0.00 -4.42 | 63.95 0.06 -7.17 | 69.69 0.37 -7.33 | 72.04 0.24 -12.41 | 94.42 0.53 -4.90 | 120.21 0.63 6.89 | 111.93 0.73 -6.66 | 80.57 0.46 -22.00 | 74.50 0.46 -23.02 | 64.26 0.28 -23.70 | 61.29 0.24 -20.83 | 71.99 0.28 -16.27 | 100.10 0.29 -3.48 | 153.35 1.13 9.57 | 157.67 1.33 9.87 | 130.48 1.10 7.71 | 122.25 0.90 6.99 | 110.57 0.35 5.79 | 104.88 0.00 5.11 | 84.47 0.14 -13.83 |
| BURROWS___LYONSDAL 23803 | 55.37 0.66 0.00 | 51.33 0.56 0.00 | 47.85 0.38 0.00 | 53.96 0.43 0.00 | 56.00 0.44 0.00 | 57.35 0.62 0.00 | 62.67 0.68 0.00 | 59.92 0.53 0.00 | 90.05 1.07 0.00 | 128.24 1.77 0.00 | 106.42 1.88 0.00 | 59.15 1.05 0.00 | 51.99 0.97 0.00 | 40.96 0.68 0.00 | 40.83 0.60 0.00 | 56.28 0.83 0.00 | 97.39 1.06 0.00 | 164.70 2.91 0.00 | 169.37 3.16 0.00 | 139.42 2.33 0.00 | 130.52 2.18 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 71.48 0.99 0.00 |
| CAITHNESS_CC_1 323624 | 100.56 6.89 -38.96 | 84.02 5.53 -27.71 | 74.39 4.70 -22.21 | 73.23 5.30 -14.39 | 74.48 5.39 -13.54 | 85.32 6.01 -22.58 | 96.25 7.31 -26.95 | 110.03 7.84 -42.80 | 128.97 12.99 -26.99 | 143.73 17.83 0.56 | 157.14 15.37 -37.23 | 142.49 8.77 -75.61 | 136.26 7.81 -77.43 | 130.06 6.16 -83.62 | 130.06 6.11 -83.72 | 130.29 8.21 -66.64 | 143.91 14.45 -33.13 | 189.88 24.43 -3.66 | 193.20 25.10 -1.89 | 167.51 20.84 -9.58 | 152.55 19.12 -5.08 | 136.08 16.82 -3.25 | 128.86 15.29 -3.58 | 128.23 8.46 -49.28 |
| CALPINE_BETH_PAGE_GT4 24209 | 100.13 6.46 -38.96 | 83.76 5.28 -27.71 | 74.20 4.51 -22.21 | 73.07 5.14 -14.40 | 74.32 5.22 -13.54 | 85.04 5.73 -22.58 | 95.82 6.88 -26.95 | 109.56 7.36 -42.80 | 129.28 11.92 -28.37 | 144.03 16.44 -1.12 | 157.03 14.22 -38.27 | 143.90 8.13 -77.66 | 138.23 7.30 -79.92 | 132.52 5.68 -86.56 | 132.48 5.59 -86.66 | 132.58 7.54 -69.59 | 146.51 13.29 -36.88 | 191.43 22.81 -6.83 | 194.68 23.60 -4.87 | 169.49 19.47 -12.93 | 155.01 17.84 -8.83 | 138.24 15.89 -6.34 | 131.20 14.52 -6.69 | 127.88 8.11 -49.28 |
| CALPINE_BETH_PAGE_GT_4 323586 | 100.13 6.46 -38.96 | 83.76 5.28 -27.71 | 74.20 4.51 -22.21 | 73.07 5.14 -14.40 | 74.32 5.22 -13.54 | 85.04 5.73 -22.58 | 95.82 6.88 -26.95 | 109.56 7.36 -42.80 | 129.28 11.92 -28.37 | 144.03 16.44 -1.12 | 157.03 14.22 -38.27 | 143.90 8.13 -77.66 | 138.23 7.30 -79.92 | 132.52 5.68 -86.56 | 132.48 5.59 -86.66 | 132.58 7.54 -69.59 | 146.51 13.29 -36.88 | 191.43 22.81 -6.83 | 194.68 23.60 -4.87 | 169.49 19.47 -12.93 | 155.01 17.84 -8.83 | 138.24 15.89 -6.34 | 131.20 14.52 -6.69 | 127.88 8.11 -49.28 |
| CALPINE_BP_GT1 23823 | 100.13 6.46 -38.96 | 83.76 5.28 -27.71 | 74.20 4.51 -22.21 | 73.07 5.14 -14.40 | 74.32 5.22 -13.54 | 85.04 5.73 -22.58 | 95.82 6.88 -26.95 | 109.56 7.36 -42.80 | 129.28 11.92 -28.37 | 144.03 16.44 -1.12 | 157.03 14.22 -38.27 | 143.90 8.13 -77.66 | 138.23 7.30 -79.92 | 132.52 5.68 -86.56 | 132.48 5.59 -86.66 | 132.58 7.54 -69.59 | 146.51 13.29 -36.88 | 191.43 22.81 -6.83 | 194.68 23.60 -4.87 | 169.49 19.47 -12.93 | 155.01 17.84 -8.83 | 138.24 15.89 -6.34 | 131.20 14.52 -6.69 | 127.88 8.11 -49.28 |
| CALSPAN___DRP 24200 | 55.21 -5.69 -6.19 | 49.94 -5.23 -4.40 | 45.92 -5.08 -3.53 | 50.15 -5.67 -2.29 | 51.87 -5.83 -2.15 | 52.24 -5.90 -1.41 | 43.91 -6.14 11.94 | 43.00 -5.94 10.45 | 43.00 -8.63 37.35 | 42.15 -11.63 72.68 | 41.48 -9.20 53.86 | 38.24 -5.11 14.75 | 37.49 -4.44 9.09 | 36.70 -3.63 -0.05 | 35.90 -3.70 0.63 | 36.83 -5.10 13.52 | 39.79 -9.15 47.39 | 46.76 -14.08 100.96 | 47.97 -14.13 104.11 | 43.71 -12.06 81.32 | 43.48 -11.17 73.69 | 44.33 -10.67 61.00 | 44.85 -11.22 53.93 | 46.47 -6.91 17.12 |
| CANDIGU_WT_PWR 323617 | 60.58 -1.97 -7.84 | 54.77 -1.57 -5.57 | 50.33 -1.61 -4.47 | 54.61 -1.82 -2.89 | 56.44 -1.83 -2.72 | 59.44 -1.87 -4.58 | 66.28 -1.43 -5.72 | 66.77 -1.54 -8.93 | 93.12 -1.96 -6.09 | 124.92 -2.66 -1.10 | 111.07 -1.99 -8.52 | 72.65 -0.99 -15.54 | 65.97 -0.82 -15.77 | 54.98 -0.81 -15.50 | 53.02 -0.88 -13.68 | 65.81 -1.33 -11.69 | 99.67 -2.60 -5.94 | 160.41 -2.91 -1.53 | 165.30 -2.49 -1.58 | 135.86 -2.47 -1.24 | 127.15 -2.31 -1.12 | 114.04 -2.90 -0.93 | 106.86 -3.96 -0.82 | 78.75 -2.11 -10.38 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CARR STREET_E_SYR 24060 | 57.00 -0.93 -3.22 | 52.15 -0.91 -2.29 | 48.41 -0.90 -1.84 | 53.71 -1.02 -1.19 | 55.62 -1.06 -1.12 | 57.63 -0.96 -1.87 | 63.12 -1.12 -2.25 | 61.47 -1.48 -3.56 | 89.10 -2.14 -2.25 | 123.43 -3.04 0.00 | 105.37 -2.30 -3.13 | 63.17 -1.16 -6.22 | 56.40 -0.97 -6.35 | 45.73 -0.85 -6.30 | 44.93 -0.84 -5.56 | 58.89 -1.22 -4.67 | 96.05 -2.41 -2.12 | 158.39 -3.40 0.00 | 162.89 -3.32 0.00 | 134.35 -2.74 0.00 | 125.64 -2.70 0.00 | 113.22 -2.78 0.00 | 107.14 -2.86 0.00 | 73.33 -1.27 -4.11 |
| CARTHAGE__PAPER 23857 | 57.18 1.26 -1.21 | 52.75 1.12 -0.86 | 48.92 0.76 -0.69 | 54.89 0.91 -0.45 | 56.81 0.83 -0.42 | 58.62 1.19 -0.70 | 64.13 1.30 -0.85 | 61.62 0.89 -1.34 | 91.52 1.69 -0.84 | 129.50 3.04 0.00 | 108.75 3.03 -1.18 | 62.24 1.80 -2.34 | 55.04 1.63 -2.39 | 43.77 1.13 -2.37 | 43.36 1.05 -2.09 | 58.64 1.44 -1.75 | 98.96 1.83 -0.80 | 166.81 5.02 0.00 | 171.53 5.32 0.00 | 141.07 3.98 0.00 | 132.19 3.85 0.00 | 118.68 2.67 0.00 | 111.54 1.54 0.00 | 73.80 1.76 -1.54 |
| CE_DUNWOOD__DRP 24194 | 98.15 4.54 -38.89 | 82.50 4.06 -27.67 | 73.26 3.61 -22.17 | 72.03 4.12 -14.37 | 73.35 4.28 -13.52 | 83.75 4.48 -22.54 | 94.10 5.21 -26.90 | 107.64 5.52 -42.73 | 124.20 8.81 -26.40 | 137.38 12.14 1.22 | 152.07 10.77 -36.76 | 138.93 6.16 -74.66 | 132.89 5.56 -76.31 | 120.53 4.39 -75.86 | 111.56 4.34 -67.00 | 117.23 5.82 -55.96 | 131.28 10.21 -24.74 | 177.57 17.47 1.70 | 182.41 17.95 1.75 | 150.94 15.22 1.37 | 140.96 13.86 1.24 | 127.29 12.30 1.02 | 119.98 10.89 0.91 | 125.40 5.71 -49.19 |
| CE_MILLWOOD__DRP 24193 | 97.87 4.38 -38.78 | 82.26 3.91 -27.58 | 73.10 3.51 -22.11 | 71.88 4.02 -14.33 | 73.14 4.11 -13.48 | 83.51 4.31 -22.48 | 93.83 5.02 -26.82 | 107.33 5.35 -42.60 | 123.76 8.45 -26.32 | 137.13 11.89 1.23 | 151.54 10.35 -36.64 | 138.53 5.98 -74.44 | 132.46 5.36 -76.08 | 120.14 4.23 -75.63 | 111.18 4.18 -66.77 | 116.84 5.60 -55.79 | 130.82 9.83 -24.66 | 177.08 16.99 1.70 | 181.74 17.29 1.75 | 150.39 14.67 1.37 | 140.44 13.35 1.24 | 126.82 11.83 1.02 | 119.65 10.56 0.91 | 125.04 5.50 -49.05 |
| CE_NYC2_DRP 24202 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.70 4.76 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.70 5.76 -26.95 | 108.30 6.12 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.82 6.91 -74.81 | 133.69 6.22 -76.45 | 121.19 4.91 -76.00 | 116.70 4.91 -71.57 | 118.06 6.54 -56.07 | 132.50 11.37 -24.80 | 179.53 19.42 1.68 | 184.43 19.95 1.73 | 152.59 16.86 1.37 | 142.52 15.40 1.22 | 129.05 13.81 0.77 | 121.64 12.54 0.90 | 126.47 6.70 -49.28 |
| CE_NYC_DRP 24195 | 98.59 4.92 -38.96 | 82.89 4.42 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.18 6.00 -42.79 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.76 6.86 -74.80 | 133.58 6.12 -76.44 | 121.10 4.83 -75.99 | 115.51 4.79 -70.50 | 117.94 6.43 -56.06 | 132.50 11.37 -24.79 | 179.52 19.42 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.75 13.57 0.83 | 121.08 11.99 0.91 | 126.18 6.41 -49.27 |
| CHAFFEE__LFGE 323603 | 56.54 -4.54 -6.37 | 51.09 -4.21 -4.53 | 46.98 -4.13 -3.63 | 51.29 -4.60 -2.35 | 53.10 -4.67 -2.22 | 53.56 -4.76 -1.59 | 46.19 -4.52 11.27 | 45.21 -4.51 9.67 | 46.84 -6.32 35.83 | 48.38 -7.84 70.24 | 47.01 -5.85 51.68 | 41.35 -3.25 13.50 | 40.15 -2.86 8.01 | 38.67 -2.42 -0.81 | 37.80 -2.49 -0.07 | 39.46 -3.49 12.50 | 44.52 -6.26 45.55 | 55.48 -8.74 97.58 | 57.11 -8.48 100.63 | 50.68 -7.81 78.60 | 50.18 -6.93 71.23 | 49.74 -7.31 58.96 | 49.30 -8.58 52.12 | 49.09 -5.36 16.04 |
| CHATEAUG_WT_PWR 323614 | 54.71 0.00 0.00 | 50.87 0.10 0.00 | 47.57 0.09 0.00 | 53.70 0.16 0.00 | 55.78 0.22 0.00 | 57.01 0.28 0.00 | 61.92 -0.06 0.00 | 59.27 -0.12 0.00 | 88.99 0.00 0.00 | 126.59 0.13 0.00 | 104.75 0.21 0.00 | 58.22 0.12 0.00 | 51.02 0.00 0.00 | 40.28 0.00 0.00 | 40.26 0.04 0.00 | 55.61 0.17 0.00 | 96.33 0.00 0.00 | 161.95 0.16 0.00 | 166.38 0.17 0.00 | 136.82 -0.27 0.00 | 128.47 0.13 0.00 | 116.12 0.12 0.00 | 109.89 -0.11 0.00 | 70.28 -0.21 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 54.16 -0.55 0.00 | 50.36 -0.41 0.00 | 47.09 -0.38 0.00 | 53.16 -0.37 0.00 | 55.22 -0.33 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.74 -0.65 0.00 | 88.19 -0.80 0.00 | 125.45 -1.01 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.51 -0.51 0.00 | 39.92 -0.36 0.00 | 39.86 -0.36 0.00 | 55.06 -0.39 0.00 | 95.47 -0.87 0.00 | 160.50 -1.29 0.00 | 164.72 -1.50 0.00 | 135.45 -1.65 0.00 | 127.18 -1.16 0.00 | 115.08 -0.93 0.00 | 108.79 -1.21 0.00 | 69.51 -0.99 0.00 |
| CHAUTAUQUA__LFGE 323629 | 55.00 -6.57 -6.86 | 49.71 -5.94 -4.88 | 45.69 -5.70 -3.91 | 49.70 -6.37 -2.53 | 51.38 -6.56 -2.38 | 52.09 -6.69 -2.06 | 45.82 -6.63 9.54 | 45.08 -6.65 7.66 | 47.45 -9.61 31.93 | 49.41 -13.03 64.03 | 48.00 -10.45 46.09 | 42.07 -5.75 10.28 | 40.78 -5.00 5.24 | 38.96 -4.11 -2.79 | 37.91 -4.18 -1.87 | 39.69 -5.88 9.88 | 45.20 -10.31 40.83 | 56.99 -15.86 88.94 | 58.53 -15.96 91.72 | 51.74 -13.71 71.65 | 50.97 -12.45 64.92 | 49.97 -12.30 53.75 | 49.51 -12.98 47.51 | 49.24 -7.97 13.29 |
| CH_MIDHUDSON__DRP 24192 | 100.35 4.43 -41.20 | 83.93 3.86 -29.31 | 74.43 3.47 -23.49 | 72.72 3.96 -15.22 | 73.93 4.06 -14.32 | 84.87 4.25 -23.89 | 95.41 4.90 -28.53 | 109.97 5.29 -45.29 | 125.39 8.36 -28.04 | 137.06 11.76 1.17 | 153.89 10.14 -39.20 | 143.38 5.81 -79.46 | 137.42 5.20 -81.20 | 125.09 4.11 -80.70 | 115.38 4.02 -71.13 | 120.44 5.43 -59.56 | 132.28 9.54 -26.41 | 176.51 16.34 1.62 | 181.16 16.62 1.68 | 150.04 14.26 1.31 | 139.99 12.83 1.19 | 126.40 11.37 0.98 | 119.36 10.23 0.87 | 127.94 5.29 -52.16 |
| CH_MISC_IPPS 23765 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| CH_RES_BVR_FALLS 23983 | 52.53 -0.38 1.79 | 49.14 -0.36 1.28 | 46.12 -0.33 1.02 | 52.55 -0.32 0.66 | 54.60 -0.33 0.62 | 55.40 -0.28 1.04 | 60.30 -0.43 1.25 | 56.99 -0.42 1.98 | 87.02 -0.71 1.25 | 125.45 -1.01 0.00 | 101.86 -0.94 1.74 | 54.06 -0.58 3.46 | 46.97 -0.51 3.53 | 36.37 -0.40 3.50 | 36.77 -0.36 3.09 | 52.41 -0.44 2.60 | 94.38 -0.77 1.18 | 160.66 -1.13 0.00 | 165.05 -1.16 0.00 | 136.13 -0.96 0.00 | 127.57 -0.77 0.00 | 115.31 -0.70 0.00 | 109.34 -0.66 0.00 | 67.85 -0.35 2.29 |
| CH_RES_NIAGARA 23895 | 54.23 -6.18 -5.70 | 49.13 -5.69 -4.05 | 45.22 -5.51 -3.25 | 49.48 -6.16 -2.10 | 51.20 -6.33 -1.98 | 51.32 -6.41 -1.00 | 41.86 -6.88 13.24 | 40.84 -6.53 12.02 | 39.22 -9.61 40.16 | 36.22 -13.28 76.97 | 36.22 -10.45 57.87 | 35.01 -5.81 17.28 | 34.65 -5.05 11.32 | 34.54 -4.11 1.63 | 33.94 -4.14 2.14 | 34.18 -5.71 15.56 | 35.37 -10.21 50.76 | 38.70 -16.18 106.91 | 39.50 -16.45 110.26 | 37.12 -13.85 86.12 | 37.33 -12.96 78.04 | 39.45 -11.95 64.61 | 40.68 -12.21 57.11 | 43.66 -7.61 19.22 |
| CH_RES_SYRACUSE 23985 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| CLINTON_WT_PWR 323605 | 54.71 0.00 0.00 | 50.87 0.10 0.00 | 47.57 0.09 0.00 | 53.70 0.16 0.00 | 55.78 0.22 0.00 | 57.01 0.28 0.00 | 61.92 -0.06 0.00 | 59.27 -0.12 0.00 | 88.99 0.00 0.00 | 126.59 0.13 0.00 | 104.75 0.21 0.00 | 58.22 0.12 0.00 | 51.02 0.00 0.00 | 40.28 0.00 0.00 | 40.26 0.04 0.00 | 55.61 0.17 0.00 | 96.33 0.00 0.00 | 161.95 0.16 0.00 | 166.38 0.17 0.00 | 136.82 -0.27 0.00 | 128.47 0.13 0.00 | 116.12 0.12 0.00 | 109.89 -0.11 0.00 | 70.28 -0.21 0.00 |

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| CLINTON___LFGE 323618 | 55.09 0.38 0.00 | 51.23 0.46 0.00 | 47.85 0.38 0.00 | 54.07 0.54 0.00 | 56.16 0.61 0.00 | 57.52 0.79 0.00 | 62.54 0.56 0.00 | 59.87 0.48 0.00 | 89.96 0.98 0.00 | 128.24 1.77 0.00 | 106.22 1.67 0.00 | 59.03 0.93 0.00 | 51.68 0.66 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.49 1.16 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 70.77 0.28 0.00 |
| COLONIE_LFGE___ 323577 | 108.22 4.16 -49.36 | 89.94 4.06 -35.11 | 79.50 3.89 -28.14 | 76.16 4.39 -18.23 | 77.26 4.56 -17.15 | 89.95 4.59 -28.62 | 101.09 4.83 -34.27 | 118.50 4.75 -54.36 | 129.67 6.85 -33.83 | 135.49 9.99 0.97 | 159.42 7.74 -47.14 | 157.29 4.18 -95.00 | 151.69 3.62 -97.05 | 139.50 2.82 -96.40 | 128.00 2.82 -84.96 | 130.72 4.05 -71.22 | 135.28 7.13 -31.82 | 172.10 11.65 1.35 | 176.62 11.80 1.39 | 145.88 9.87 1.08 | 135.83 8.47 0.98 | 122.85 7.66 0.81 | 117.20 7.92 0.72 | 137.56 4.44 -62.63 |
| CORNELL____ 23752 | 60.71 -1.42 -7.42 | 54.83 -1.22 -5.28 | 50.42 -1.28 -4.23 | 54.83 -1.45 -2.74 | 56.69 -1.44 -2.58 | 59.55 -1.42 -4.24 | 65.41 -1.24 -4.66 | 65.74 -1.31 -7.65 | 91.04 -1.78 -3.83 | 121.60 -2.53 2.33 | 108.05 -1.78 -5.28 | 70.71 -0.87 -13.48 | 64.25 -0.71 -13.95 | 53.76 -0.64 -14.13 | 51.93 -0.72 -12.43 | 64.42 -1.05 -10.03 | 97.45 -2.12 -3.23 | 155.96 -2.59 3.24 | 160.54 -2.33 3.34 | 132.29 -2.19 2.61 | 123.66 -2.31 2.37 | 111.50 -2.55 1.96 | 105.30 -2.97 1.73 | 77.75 -1.41 -8.67 |
| COXSACKIE___GT 23611 | 104.86 6.46 -43.69 | 87.74 5.89 -31.08 | 77.80 5.41 -24.91 | 75.78 6.10 -16.14 | 77.02 6.28 -15.18 | 88.58 6.52 -25.33 | 99.71 7.44 -30.28 | 115.17 7.72 -48.06 | 130.72 11.92 -29.81 | 143.19 17.83 1.11 | 160.72 14.64 -41.54 | 150.33 8.19 -84.04 | 144.18 7.30 -85.87 | 131.28 5.68 -85.32 | 120.94 5.51 -75.20 | 126.15 7.71 -62.99 | 137.53 13.20 -28.00 | 183.71 23.46 1.54 | 188.39 23.77 1.59 | 156.14 20.29 1.24 | 145.05 17.84 1.12 | 130.97 15.89 0.93 | 123.58 14.41 0.82 | 133.81 7.97 -55.35 |
| CRESCENT___HYD 24018 | 108.22 4.16 -49.36 | 89.94 4.06 -35.11 | 79.50 3.89 -28.14 | 76.16 4.39 -18.23 | 77.26 4.56 -17.15 | 89.95 4.59 -28.62 | 101.09 4.83 -34.27 | 118.50 4.75 -54.36 | 129.67 6.85 -33.83 | 135.49 9.99 0.97 | 159.42 7.74 -47.14 | 157.29 4.18 -95.00 | 151.69 3.62 -97.05 | 139.50 2.82 -96.40 | 128.00 2.82 -84.96 | 130.72 4.05 -71.22 | 135.28 7.13 -31.82 | 172.10 11.65 1.35 | 176.62 11.80 1.39 | 145.88 9.87 1.08 | 135.83 8.47 0.98 | 122.85 7.66 0.81 | 117.20 7.92 0.72 | 137.56 4.44 -62.63 |
| CRUCIBLE_METL_DRP 24180 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| DANC___LFGE 323619 | 57.54 1.42 -1.41 | 53.04 1.27 -1.00 | 49.13 0.85 -0.80 | 55.07 1.02 -0.52 | 57.04 1.00 -0.49 | 58.96 1.42 -0.82 | 64.52 1.55 -0.98 | 62.02 1.07 -1.56 | 92.01 2.05 -0.98 | 130.01 3.54 0.00 | 109.47 3.55 -1.37 | 62.92 2.09 -2.72 | 55.73 1.94 -2.78 | 44.36 1.33 -2.76 | 43.86 1.21 -2.43 | 59.15 1.66 -2.04 | 99.48 2.22 -0.93 | 167.78 5.99 0.00 | 172.53 6.32 0.00 | 141.89 4.80 0.00 | 132.83 4.49 0.00 | 119.14 3.13 0.00 | 111.87 1.87 0.00 | 74.33 2.04 -1.80 |
| DANSKAMMER___1 23586 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| DANSKAMMER___2 23589 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| DANSKAMMER___3 23590 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| DANSKAMMER___4 23591 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| DANSKAMMER___DIESEL 23592 | 98.74 4.32 -39.71 | 82.26 3.25 -28.24 | 73.01 2.90 -22.64 | 71.47 3.27 -14.67 | 72.74 3.39 -13.80 | 83.26 3.52 -23.02 | 93.68 4.21 -27.48 | 107.65 4.63 -43.63 | 123.35 7.39 -26.98 | 135.76 10.50 1.20 | 151.05 9.20 -37.31 | 139.13 5.29 -75.74 | 133.22 4.80 -77.40 | 120.93 3.71 -76.94 | 111.66 3.62 -67.81 | 117.15 4.93 -56.77 | 130.12 8.67 -25.12 | 175.33 15.21 1.67 | 179.95 15.46 1.72 | 149.05 13.30 1.34 | 138.93 11.81 1.22 | 125.44 10.44 1.01 | 118.35 9.24 0.89 | 125.31 4.58 -50.24 |
| DASHVILLE___HYD 23610 | 98.34 3.50 -40.12 | 82.15 2.84 -28.54 | 72.86 2.52 -22.87 | 71.20 2.84 -14.82 | 72.44 2.94 -13.94 | 83.10 3.12 -23.26 | 93.60 3.84 -27.77 | 107.76 4.28 -44.09 | 123.20 6.94 -27.27 | 135.01 9.74 1.19 | 151.19 8.68 -37.97 | 140.13 5.00 -77.03 | 134.23 4.49 -78.72 | 122.03 3.50 -78.25 | 112.65 3.46 -68.96 | 117.79 4.60 -57.74 | 130.09 8.19 -25.56 | 174.21 14.08 1.66 | 178.96 14.46 1.71 | 148.10 12.34 1.33 | 138.30 11.17 1.21 | 124.87 9.86 1.00 | 117.69 8.58 0.88 | 125.49 4.23 -50.77 |
| DELAWARE___LFGE 323621 | 73.36 1.97 -16.68 | 64.41 1.78 -11.86 | 58.55 1.57 -9.51 | 61.46 1.77 -6.16 | 63.18 1.83 -5.80 | 68.30 1.99 -9.58 | 75.26 2.36 -10.92 | 79.37 2.32 -17.66 | 102.46 3.74 -9.74 | 128.50 5.31 3.28 | 122.53 4.50 -13.49 | 91.66 2.56 -31.00 | 85.22 2.30 -31.91 | 74.12 1.77 -32.07 | 70.19 1.73 -28.24 | 80.92 2.33 -23.14 | 108.84 3.85 -8.65 | 164.52 7.28 4.56 | 168.99 7.48 4.70 | 139.59 6.17 3.67 | 130.53 5.52 3.33 | 118.01 4.76 2.75 | 111.74 4.18 2.43 | 93.10 2.47 -20.14 |
| DOGLEVILLE___HYD 23807 | 58.99 5.09 0.81 | 54.91 4.72 0.58 | 51.33 4.32 0.46 | 58.16 4.93 0.30 | 60.38 5.11 0.28 | 61.53 5.28 0.47 | 67.30 5.89 0.57 | 64.07 5.58 0.90 | 96.87 8.45 0.57 | 138.61 12.14 0.00 | 113.79 10.04 0.79 | 62.05 5.52 1.57 | 54.26 4.85 1.60 | 42.48 3.79 1.59 | 42.60 3.78 1.40 | 59.43 5.16 1.18 | 104.85 9.06 0.53 | 177.49 15.69 0.00 | 182.33 16.12 0.00 | 150.39 13.30 0.00 | 140.66 12.32 0.00 | 127.03 11.02 0.00 | 120.23 10.23 0.00 | 76.15 6.70 1.04 |
| DUNKIRK___1 23563 | 54.66 -6.84 -6.79 | 49.46 -6.14 -4.83 | 45.46 -5.89 -3.87 | 49.46 -6.58 -2.51 | 51.14 -6.78 -2.36 | 51.80 -6.92 -2.00 | 45.32 -6.88 9.79 | 44.49 -6.95 7.95 | 46.43 -10.06 32.50 | 47.74 -13.78 64.94 | 46.55 -11.08 46.91 | 41.19 -6.16 10.75 | 40.02 -5.36 5.64 | 38.43 -4.35 -2.50 | 37.41 -4.42 -1.61 | 38.98 -6.21 10.26 | 43.83 -10.98 41.52 | 54.59 -16.99 90.21 | 56.06 -17.12 93.04 | 49.75 -14.67 72.67 | 49.14 -13.35 65.85 | 48.50 -12.99 54.51 | 48.28 -13.53 48.19 | 48.49 -8.32 13.69 |

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| DUNKIRK___2 23564 | 54.66 -6.84 -6.79 | 49.46 -6.14 -4.83 | 45.46 -5.89 -3.87 | 49.46 -6.58 -2.51 | 51.14 -6.78 -2.36 | 51.80 -6.92 -2.00 | 45.32 -6.88 9.79 | 44.49 -6.95 7.95 | 46.43 -10.06 32.50 | 47.74 -13.78 64.94 | 46.55 -11.08 46.91 | 41.19 -6.16 10.75 | 40.02 -5.36 5.64 | 38.43 -4.35 -2.50 | 37.41 -4.42 -1.61 | 38.98 -6.21 10.26 | 43.83 -10.98 41.52 | 54.59 -16.99 90.21 | 56.06 -17.12 93.04 | 49.75 -14.67 72.67 | 49.14 -13.35 65.85 | 48.50 -12.99 54.51 | 48.28 -13.53 48.19 | 48.49 -8.32 13.69 |
| DUNKIRK___3 23565 | 55.24 -6.24 -6.77 | 49.95 -5.64 -4.82 | 45.97 -5.36 -3.86 | 49.99 -6.05 -2.50 | 51.68 -6.22 -2.35 | 52.35 -6.35 -1.97 | 45.78 -6.32 9.89 | 44.98 -6.35 8.06 | 46.91 -9.34 32.73 | 48.25 -12.90 65.32 | 46.96 -10.35 47.24 | 41.48 -5.69 10.93 | 40.28 -4.95 5.79 | 38.65 -4.03 -2.40 | 37.64 -4.10 -1.52 | 39.33 -5.71 10.40 | 44.42 -10.12 41.80 | 55.20 -15.86 90.74 | 56.68 -15.96 93.58 | 50.43 -13.57 73.09 | 49.66 -12.45 66.23 | 49.23 -11.95 54.83 | 49.10 -12.43 48.47 | 49.04 -7.61 13.84 |
| DUNKIRK___4 23566 | 55.24 -6.24 -6.77 | 49.95 -5.64 -4.82 | 45.97 -5.36 -3.86 | 49.99 -6.05 -2.50 | 51.68 -6.22 -2.35 | 52.35 -6.35 -1.97 | 45.78 -6.32 9.89 | 44.98 -6.35 8.06 | 46.91 -9.34 32.73 | 48.25 -12.90 65.32 | 46.96 -10.35 47.24 | 41.48 -5.69 10.93 | 40.28 -4.95 5.79 | 38.65 -4.03 -2.40 | 37.64 -4.10 -1.52 | 39.33 -5.71 10.40 | 44.42 -10.12 41.80 | 55.20 -15.86 90.74 | 56.68 -15.96 93.58 | 50.43 -13.57 73.09 | 49.66 -12.45 66.23 | 49.23 -11.95 54.83 | 49.10 -12.43 48.47 | 49.04 -7.61 13.84 |
| EAST HAMPTON___GT 23717 | 103.96 10.29 -38.96 | 86.96 8.48 -27.71 | 77.09 7.41 -22.21 | 76.23 8.30 -14.39 | 77.65 8.56 -13.54 | 88.78 9.47 -22.58 | 100.28 11.34 -26.95 | 114.07 11.88 -42.80 | 135.20 19.22 -26.99 | 152.97 27.06 0.56 | 164.77 23.00 -37.23 | 146.63 12.90 -75.62 | 139.84 11.38 -77.45 | 132.86 8.94 -83.64 | 132.85 8.89 -83.74 | 134.19 12.09 -66.65 | 151.54 22.06 -33.14 | 203.97 38.51 -3.67 | 207.84 39.72 -1.90 | 179.59 32.90 -9.59 | 163.86 30.42 -5.10 | 145.14 25.87 -3.26 | 136.25 22.66 -3.59 | 132.60 12.83 -49.28 |
| EAST RIVER___6 23660 | 98.43 4.76 -38.96 | 82.59 4.11 -27.71 | 73.24 3.56 -22.21 | 72.05 4.12 -14.39 | 73.37 4.28 -13.54 | 83.79 4.48 -22.58 | 94.20 5.27 -26.95 | 107.89 5.70 -42.79 | 124.68 9.25 -26.44 | 138.27 13.03 1.22 | 153.28 11.92 -36.82 | 139.76 6.86 -74.80 | 133.68 6.22 -76.44 | 121.18 4.91 -75.99 | 115.55 4.83 -70.50 | 118.00 6.49 -56.06 | 132.50 11.37 -24.79 | 179.85 19.74 1.68 | 184.59 20.11 1.73 | 152.59 16.86 1.37 | 142.52 15.40 1.22 | 128.52 13.34 0.83 | 120.86 11.77 0.91 | 125.97 6.20 -49.27 |
| EAST RIVER___7 23524 | 98.43 4.76 -38.96 | 82.59 4.11 -27.71 | 73.24 3.56 -22.21 | 72.05 4.12 -14.39 | 73.37 4.28 -13.54 | 83.79 4.48 -22.58 | 94.20 5.27 -26.95 | 107.89 5.70 -42.79 | 124.68 9.25 -26.44 | 138.27 13.03 1.22 | 153.28 11.92 -36.82 | 139.76 6.86 -74.80 | 133.68 6.22 -76.44 | 121.18 4.91 -75.99 | 115.55 4.83 -70.50 | 118.00 6.49 -56.06 | 132.50 11.37 -24.79 | 179.85 19.74 1.68 | 184.59 20.11 1.73 | 152.59 16.86 1.37 | 142.52 15.40 1.22 | 128.52 13.34 0.83 | 120.86 11.77 0.91 | 125.97 6.20 -49.27 |
| EAST_HAMPTON___DIESEL 23722 | 103.96 10.29 -38.96 | 86.96 8.48 -27.71 | 77.09 7.41 -22.21 | 76.23 8.30 -14.39 | 77.65 8.56 -13.54 | 88.78 9.47 -22.58 | 100.28 11.34 -26.95 | 114.07 11.88 -42.80 | 135.20 19.22 -26.99 | 152.97 27.06 0.56 | 164.77 23.00 -37.23 | 146.63 12.90 -75.62 | 139.84 11.38 -77.45 | 132.86 8.94 -83.64 | 132.85 8.89 -83.74 | 134.19 12.09 -66.65 | 151.54 22.06 -33.14 | 203.97 38.51 -3.67 | 207.84 39.72 -1.90 | 179.59 32.90 -9.59 | 163.86 30.42 -5.10 | 145.14 25.87 -3.26 | 136.25 22.66 -3.59 | 132.60 12.83 -49.28 |
| EAST_RIVER___1 323558 | 98.59 4.92 -38.96 | 82.89 4.42 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.18 6.00 -42.79 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.76 6.86 -74.80 | 133.58 6.12 -76.44 | 121.10 4.83 -75.99 | 115.51 4.79 -70.50 | 117.94 6.43 -56.06 | 132.50 11.37 -24.79 | 179.52 19.42 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.75 13.57 0.83 | 121.08 11.99 0.91 | 126.18 6.41 -49.27 |
| EAST_RIVER___2 323559 | 98.43 4.76 -38.96 | 82.59 4.11 -27.71 | 73.24 3.56 -22.21 | 72.05 4.12 -14.39 | 73.37 4.28 -13.54 | 83.79 4.48 -22.58 | 94.20 5.27 -26.95 | 107.89 5.70 -42.79 | 124.68 9.25 -26.44 | 138.27 13.03 1.22 | 153.28 11.92 -36.82 | 139.76 6.86 -74.80 | 133.68 6.22 -76.44 | 121.18 4.91 -75.99 | 115.55 4.83 -70.50 | 118.00 6.49 -56.06 | 132.50 11.37 -24.79 | 179.85 19.74 1.68 | 184.59 20.11 1.73 | 152.59 16.86 1.37 | 142.52 15.40 1.22 | 128.52 13.34 0.83 | 120.86 11.77 0.91 | 125.97 6.20 -49.27 |
| EAST___DELAWARE_HYD 23607 | 90.73 2.30 -33.72 | 76.84 2.08 -23.98 | 68.50 1.80 -19.22 | 68.03 2.03 -12.46 | 69.33 2.06 -11.72 | 78.48 2.21 -19.54 | 88.04 2.79 -23.27 | 99.64 3.27 -36.98 | 117.16 5.43 -22.74 | 133.12 7.97 1.31 | 142.66 6.48 -31.63 | 126.47 3.78 -64.58 | 120.46 3.42 -66.03 | 108.61 2.66 -65.67 | 100.67 2.57 -57.87 | 107.39 3.55 -48.40 | 123.75 6.17 -21.25 | 171.29 11.33 1.82 | 175.63 11.30 1.88 | 144.81 9.19 1.47 | 134.58 7.57 1.33 | 121.98 7.08 1.10 | 115.29 6.27 0.97 | 116.09 3.03 -42.56 |
| ELEC_TRO_TEK 24086 | 99.09 5.42 -38.97 | 82.90 4.42 -27.71 | 73.44 3.75 -22.21 | 72.16 4.23 -14.40 | 73.43 4.33 -13.54 | 84.08 4.76 -22.58 | 94.70 5.76 -26.95 | 108.43 6.24 -42.80 | 127.82 10.14 -28.69 | 142.01 14.04 -1.51 | 155.18 12.13 -38.51 | 143.21 6.97 -78.13 | 137.79 6.28 -80.49 | 132.35 4.83 -87.24 | 132.35 4.79 -87.34 | 132.14 6.43 -70.27 | 145.26 11.17 -37.75 | 188.76 19.42 -7.55 | 191.88 20.11 -5.56 | 167.52 16.73 -13.70 | 153.30 15.27 -9.69 | 136.63 13.57 -7.05 | 129.83 12.43 -7.40 | 126.69 6.91 -49.29 |
| ELLENBURG_WT_PWR 323604 | 54.71 0.00 0.00 | 50.87 0.10 0.00 | 47.57 0.09 0.00 | 53.70 0.16 0.00 | 55.78 0.22 0.00 | 57.01 0.28 0.00 | 61.92 -0.06 0.00 | 59.27 -0.12 0.00 | 88.99 0.00 0.00 | 126.59 0.13 0.00 | 104.75 0.21 0.00 | 58.22 0.12 0.00 | 51.02 0.00 0.00 | 40.28 0.00 0.00 | 40.26 0.04 0.00 | 55.61 0.17 0.00 | 96.33 0.00 0.00 | 161.95 0.16 0.00 | 166.38 0.17 0.00 | 136.82 -0.27 0.00 | 128.47 0.13 0.00 | 116.12 0.12 0.00 | 109.89 -0.11 0.00 | 70.28 -0.21 0.00 |
| EMPIRE_CC_1 323656 | 105.69 3.28 -47.69 | 87.84 3.15 -33.92 | 77.65 2.99 -27.19 | 74.53 3.37 -17.62 | 75.63 3.50 -16.57 | 87.90 3.52 -27.66 | 98.93 3.84 -33.10 | 115.76 3.86 -52.51 | 127.25 5.61 -32.65 | 133.30 7.84 1.01 | 156.41 6.38 -45.49 | 153.35 3.49 -91.76 | 147.82 3.06 -93.74 | 135.82 2.42 -93.12 | 124.71 2.41 -82.08 | 127.51 3.27 -68.79 | 132.81 5.78 -30.69 | 167.84 7.44 1.40 | 172.08 7.31 1.44 | 142.41 6.44 1.13 | 132.58 5.26 1.02 | 120.15 4.99 0.85 | 114.75 5.50 0.75 | 134.44 3.45 -60.49 |
| EMPIRE_CC_2 323658 | 105.69 3.28 -47.69 | 87.84 3.15 -33.92 | 77.65 2.99 -27.19 | 74.53 3.37 -17.62 | 75.63 3.50 -16.57 | 87.90 3.52 -27.66 | 98.93 3.84 -33.10 | 115.76 3.86 -52.51 | 127.25 5.61 -32.65 | 133.30 7.84 1.01 | 156.41 6.38 -45.49 | 153.35 3.49 -91.76 | 147.82 3.06 -93.74 | 135.82 2.42 -93.12 | 124.71 2.41 -82.08 | 127.51 3.27 -68.79 | 132.81 5.78 -30.69 | 167.84 7.44 1.40 | 172.08 7.31 1.44 | 142.41 6.44 1.13 | 132.58 5.26 1.02 | 120.15 4.99 0.85 | 114.75 5.50 0.75 | 134.44 3.45 -60.49 |
| E_CANADA_CAP_HY 24051 | 118.84 0.49 -63.63 | 96.64 0.61 -45.26 | 84.18 0.43 -36.28 | 77.53 0.48 -23.51 | 78.22 0.56 -22.11 | 94.53 0.91 -36.90 | 106.99 0.87 -44.14 | 130.14 0.71 -70.03 | 134.10 1.60 -43.51 | 128.69 3.67 1.44 | 167.45 2.30 -60.61 | 181.30 0.81 -122.39 | 176.66 0.61 -125.04 | 164.87 0.36 -124.22 | 149.99 0.28 -109.49 | 148.19 1.00 -91.75 | 138.66 1.45 -40.88 | 165.13 5.34 2.00 | 169.63 5.48 2.06 | 139.18 3.70 1.61 | 130.21 3.34 1.46 | 116.77 1.97 1.21 | 110.47 1.54 1.07 | 151.87 0.70 -80.68 |
| E_CANADA_MHWK_HY 24050 | 58.99 5.09 0.81 | 54.91 4.72 0.58 | 51.33 4.32 0.46 | 58.16 4.93 0.30 | 60.38 5.11 0.28 | 61.53 5.28 0.47 | 67.30 5.89 0.57 | 64.07 5.58 0.90 | 96.87 8.45 0.57 | 138.61 12.14 0.00 | 113.79 10.04 0.79 | 62.05 5.52 1.57 | 54.26 4.85 1.60 | 42.48 3.79 1.59 | 42.60 3.78 1.40 | 59.43 5.16 1.18 | 104.85 9.06 0.53 | 177.49 15.69 0.00 | 182.33 16.12 0.00 | 150.39 13.30 0.00 | 140.66 12.32 0.00 | 127.03 11.02 0.00 | 120.23 10.23 0.00 | 76.15 6.70 1.04 |

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|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| E_FISHKILL___LBMP 23776 | 98.48 4.21 -39.55 | 82.66 3.76 -28.13 | 73.39 3.37 -22.55 | 72.00 3.85 -14.61 | 73.24 3.94 -13.75 | 83.79 4.14 -22.93 | 94.12 4.77 -27.37 | 107.95 5.11 -43.46 | 123.86 8.01 -26.87 | 136.38 11.13 1.21 | 151.67 9.72 -37.40 | 139.61 5.58 -75.93 | 133.62 5.00 -77.60 | 121.32 3.91 -77.14 | 112.11 3.90 -67.98 | 117.57 5.21 -56.91 | 130.66 9.15 -25.18 | 175.80 15.69 1.68 | 180.43 15.96 1.74 | 149.31 13.57 1.36 | 139.43 12.32 1.23 | 125.90 10.90 1.02 | 119.00 9.90 0.90 | 125.68 5.15 -50.04 |
| FAR ROCKAWAY___4 23548 | 100.84 7.11 -39.02 | 84.43 5.94 -27.72 | 74.82 5.13 -22.22 | 73.77 5.84 -14.40 | 75.04 5.94 -13.55 | 85.78 6.47 -22.59 | 96.63 7.69 -26.96 | 110.33 8.08 -42.86 | 143.63 12.81 -41.83 | 161.79 17.83 -17.50 | 168.30 15.37 -48.39 | 164.43 8.77 -97.56 | 162.98 7.86 -104.10 | 161.46 6.04 -115.14 | 161.46 5.99 -115.24 | 161.80 8.10 -98.25 | 184.10 14.35 -73.41 | 224.50 25.08 -37.63 | 225.81 25.76 -33.84 | 203.69 21.11 -45.49 | 193.08 19.51 -45.23 | 169.52 17.17 -36.34 | 162.54 15.62 -36.93 | 128.72 8.88 -49.35 |
| FARRAGUT___LBMP 323566 | 98.54 4.87 -38.96 | 82.84 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.12 5.94 -42.79 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.70 6.80 -74.80 | 133.53 6.07 -76.45 | 121.06 4.79 -75.99 | 115.67 4.75 -70.70 | 117.89 6.38 -56.07 | 132.40 11.27 -24.80 | 179.20 19.09 1.68 | 184.09 19.61 1.73 | 152.31 16.59 1.37 | 142.26 15.14 1.22 | 128.65 13.46 0.82 | 121.08 11.99 0.91 | 126.11 6.34 -49.27 |
| FENNER___WINDPWR 24204 | 57.46 0.44 -2.31 | 52.77 0.36 -1.64 | 48.98 0.19 -1.32 | 54.66 0.27 -0.85 | 56.63 0.28 -0.80 | 58.47 0.40 -1.34 | 64.16 0.56 -1.62 | 62.36 0.42 -2.56 | 91.40 0.80 -1.61 | 127.73 1.26 0.00 | 108.04 1.25 -2.25 | 63.38 0.81 -4.47 | 56.34 0.77 -4.56 | 45.28 0.48 -4.52 | 44.65 0.44 -3.99 | 59.35 0.55 -3.35 | 98.63 0.77 -1.52 | 163.90 2.10 0.00 | 168.54 2.33 0.00 | 138.87 1.78 0.00 | 129.88 1.54 0.00 | 116.94 0.93 0.00 | 110.44 0.44 0.00 | 74.15 0.70 -2.95 |
| FIBERTEK___ENERGY 23856 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| FITZPATRICK___ 23598 | 54.98 -2.02 -2.29 | 50.47 -1.93 -1.63 | 46.93 -1.85 -1.31 | 52.29 -2.09 -0.85 | 54.18 -2.17 -0.80 | 55.90 -2.16 -1.33 | 61.29 -2.29 -1.60 | 59.55 -2.38 -2.53 | 87.02 -3.56 -1.60 | 121.41 -5.06 0.00 | 102.79 -3.97 -2.22 | 60.38 -2.15 -4.42 | 53.64 -1.89 -4.51 | 43.27 -1.49 -4.48 | 42.64 -1.53 -3.95 | 56.60 -2.16 -3.32 | 93.99 -3.85 -1.51 | 155.64 -6.15 0.00 | 159.90 -6.32 0.00 | 131.88 -5.21 0.00 | 123.33 -5.01 0.00 | 111.37 -4.64 0.00 | 105.60 -4.40 0.00 | 71.23 -2.19 -2.92 |
| FORT ORANGE___ 23900 | 106.94 3.50 -48.73 | 88.73 3.30 -34.66 | 78.34 3.09 -27.78 | 75.02 3.48 -18.00 | 76.10 3.61 -16.94 | 88.68 3.69 -28.26 | 99.85 4.03 -33.83 | 116.91 3.86 -53.66 | 127.98 5.61 -33.39 | 133.58 8.09 0.98 | 157.67 6.59 -46.54 | 155.53 3.60 -93.83 | 150.03 3.16 -95.85 | 137.99 2.50 -95.21 | 126.59 2.45 -83.92 | 129.22 3.44 -70.34 | 133.81 6.07 -31.41 | 170.13 9.71 1.37 | 174.61 9.81 1.41 | 144.22 8.23 1.10 | 134.53 7.19 1.00 | 121.68 6.50 0.83 | 115.65 6.38 0.73 | 135.91 3.60 -61.82 |
| FORT_DRUM_COGEN 23780 | 57.49 1.42 -1.36 | 52.95 1.22 -0.97 | 49.10 0.85 -0.77 | 55.05 1.02 -0.50 | 57.02 1.00 -0.47 | 58.88 1.36 -0.79 | 64.42 1.49 -0.95 | 61.96 1.07 -1.50 | 91.98 2.05 -0.95 | 129.88 3.41 0.00 | 109.31 3.45 -1.32 | 62.76 2.03 -2.62 | 55.58 1.89 -2.68 | 44.22 1.29 -2.66 | 43.77 1.21 -2.34 | 59.02 1.61 -1.97 | 99.44 2.22 -0.89 | 167.62 5.82 0.00 | 172.53 6.32 0.00 | 141.89 4.80 0.00 | 132.70 4.36 0.00 | 119.02 3.02 0.00 | 111.87 1.87 0.00 | 74.27 2.04 -1.73 |
| FPL_FAR_ROCK_GT1 24212 | 100.84 7.11 -39.02 | 84.43 5.94 -27.72 | 74.82 5.13 -22.22 | 73.77 5.84 -14.40 | 75.04 5.94 -13.55 | 85.78 6.47 -22.59 | 96.63 7.69 -26.96 | 110.33 8.08 -42.86 | 143.63 12.81 -41.83 | 161.79 17.83 -17.50 | 168.30 15.37 -48.39 | 164.43 8.77 -97.56 | 162.98 7.86 -104.10 | 161.46 6.04 -115.14 | 161.46 5.99 -115.24 | 161.80 8.10 -98.25 | 184.10 14.35 -73.41 | 224.50 25.08 -37.63 | 225.81 25.76 -33.84 | 203.69 21.11 -45.49 | 193.08 19.51 -45.23 | 169.52 17.17 -36.34 | 162.54 15.62 -36.93 | 128.72 8.88 -49.35 |
| FPL_FAR_ROCK_GT2 23815 | 100.84 7.11 -39.02 | 84.43 5.94 -27.72 | 74.82 5.13 -22.22 | 73.77 5.84 -14.40 | 75.04 5.94 -13.55 | 85.78 6.47 -22.59 | 96.63 7.69 -26.96 | 110.33 8.08 -42.86 | 143.63 12.81 -41.83 | 161.79 17.83 -17.50 | 168.30 15.37 -48.39 | 164.43 8.77 -97.56 | 162.98 7.86 -104.10 | 161.46 6.04 -115.14 | 161.46 5.99 -115.24 | 161.80 8.10 -98.25 | 184.10 14.35 -73.41 | 224.50 25.08 -37.63 | 225.81 25.76 -33.84 | 203.69 21.11 -45.49 | 193.08 19.51 -45.23 | 169.52 17.17 -36.34 | 162.54 15.62 -36.93 | 128.72 8.88 -49.35 |
| FRANKLIN_FALL_HYD 24054 | 54.98 0.27 0.00 | 51.12 0.36 0.00 | 47.71 0.24 0.00 | 53.91 0.37 0.00 | 56.05 0.50 0.00 | 57.41 0.68 0.00 | 62.42 0.43 0.00 | 59.75 0.36 0.00 | 89.88 0.89 0.00 | 128.11 1.64 0.00 | 106.32 1.78 0.00 | 59.15 1.05 0.00 | 51.73 0.71 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.39 1.06 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.66 0.66 0.00 | 70.63 0.14 0.00 |
| FREEPORT_EQUS_GT1 23764 | 100.25 6.57 -38.97 | 83.87 5.38 -27.72 | 74.34 4.65 -22.21 | 73.18 5.25 -14.40 | 74.43 5.33 -13.54 | 85.15 5.84 -22.58 | 95.94 7.00 -26.95 | 109.68 7.48 -42.81 | 131.30 12.01 -30.30 | 146.63 16.69 -3.47 | 158.69 14.43 -39.72 | 146.82 8.19 -80.52 | 141.76 7.35 -83.40 | 136.67 5.72 -90.67 | 136.67 5.67 -90.77 | 136.81 7.65 -73.71 | 151.86 13.39 -42.13 | 195.86 22.81 -11.25 | 198.68 23.44 -9.03 | 174.03 19.33 -17.61 | 160.11 17.71 -14.06 | 142.78 16.13 -10.65 | 135.66 14.63 -11.03 | 128.03 8.25 -49.29 |
| FULTON COGEN___ 23766 | 56.34 -1.31 -2.94 | 51.64 -1.22 -2.09 | 47.92 -1.23 -1.68 | 53.23 -1.39 -1.09 | 55.19 -1.39 -1.02 | 57.07 -1.36 -1.71 | 62.67 -1.36 -2.05 | 61.04 -1.60 -3.25 | 88.72 -2.31 -2.05 | 123.18 -3.29 0.00 | 104.89 -2.51 -2.85 | 62.50 -1.28 -5.68 | 55.74 -1.07 -5.79 | 45.10 -0.93 -5.75 | 44.32 -0.97 -5.07 | 58.32 -1.39 -4.26 | 95.67 -2.60 -1.93 | 157.91 -3.88 0.00 | 162.39 -3.82 0.00 | 133.94 -3.15 0.00 | 125.26 -3.08 0.00 | 112.88 -3.13 0.00 | 106.92 -3.08 0.00 | 72.90 -1.34 -3.75 |
| FULTON___LFGE 323630 | 120.66 5.47 -60.48 | 99.27 5.48 -43.02 | 86.94 4.98 -34.48 | 81.45 5.57 -22.34 | 82.46 5.89 -21.02 | 98.32 6.52 -35.07 | 110.67 6.69 -41.99 | 131.81 5.82 -66.60 | 139.95 9.52 -41.44 | 141.18 15.93 1.22 | 173.98 11.71 -57.73 | 180.47 5.98 -116.38 | 174.90 5.00 -118.89 | 162.20 3.83 -118.10 | 148.01 3.70 -104.09 | 149.07 6.38 -87.25 | 146.08 10.79 -38.96 | 181.77 21.68 1.70 | 186.73 22.27 1.75 | 152.59 16.86 1.37 | 143.14 16.04 1.24 | 127.86 12.88 1.03 | 121.08 11.99 0.91 | 154.62 7.40 -76.73 |
| Freeport___CT2 23818 | 100.25 6.57 -38.97 | 83.87 5.38 -27.72 | 74.34 4.65 -22.21 | 73.18 5.25 -14.40 | 74.43 5.33 -13.54 | 85.15 5.84 -22.58 | 95.94 7.00 -26.95 | 109.68 7.48 -42.81 | 131.30 12.01 -30.30 | 146.63 16.69 -3.47 | 158.69 14.43 -39.72 | 146.82 8.19 -80.52 | 141.76 7.35 -83.40 | 136.67 5.72 -90.67 | 136.67 5.67 -90.77 | 136.81 7.65 -73.71 | 151.86 13.39 -42.13 | 195.86 22.81 -11.25 | 198.68 23.44 -9.03 | 174.03 19.33 -17.61 | 160.11 17.71 -14.06 | 142.78 16.13 -10.65 | 135.66 14.63 -11.03 | 128.03 8.25 -49.29 |
| G.F.CEMENT___DRP 24184 | 108.25 3.67 -49.87 | 90.00 3.76 -35.47 | 79.71 3.80 -28.43 | 76.24 4.28 -18.43 | 77.39 4.50 -17.33 | 90.13 4.48 -28.93 | 101.15 4.52 -34.64 | 118.72 4.39 -54.93 | 129.68 6.50 -34.20 | 135.63 10.12 0.96 | 159.30 7.11 -47.65 | 157.82 3.72 -96.00 | 152.55 3.47 -98.06 | 140.34 2.66 -97.41 | 128.53 2.45 -85.85 | 131.24 3.83 -71.97 | 135.15 6.65 -32.17 | 172.60 12.13 1.33 | 177.14 12.30 1.37 | 146.03 10.01 1.07 | 136.10 8.73 0.97 | 122.98 7.77 0.80 | 117.32 8.03 0.71 | 137.87 4.09 -63.29 |

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| GARDENVILLE___LBMP 24039 | 55.02 -5.80 -6.11 | 49.83 -5.28 -4.34 | 45.83 -5.13 -3.48 | 50.06 -5.73 -2.26 | 51.79 -5.89 -2.12 | 52.03 -6.01 -1.32 | 43.44 -6.20 12.35 | 42.47 -6.00 10.92 | 41.95 -8.72 38.32 | 40.32 -11.89 74.26 | 39.89 -9.41 55.24 | 37.38 -5.23 15.49 | 36.76 -4.54 9.71 | 36.20 -3.71 0.38 | 35.43 -3.78 1.01 | 36.11 -5.21 14.13 | 38.42 -9.34 48.57 | 44.24 -14.40 103.15 | 45.21 -14.63 106.38 | 41.66 -12.34 83.09 | 41.62 -11.42 75.30 | 42.77 -10.90 62.33 | 43.46 -11.44 55.10 | 45.68 -7.05 17.76 |
| GENERAL___MILLS 23808 | 55.21 -5.69 -6.19 | 49.94 -5.23 -4.40 | 45.92 -5.08 -3.53 | 50.15 -5.67 -2.29 | 51.87 -5.83 -2.15 | 52.24 -5.90 -1.41 | 43.91 -6.14 11.94 | 43.00 -5.94 10.45 | 43.00 -8.63 37.35 | 42.15 -11.63 72.68 | 41.48 -9.20 53.86 | 38.24 -5.11 14.75 | 37.49 -4.44 9.09 | 36.70 -3.63 -0.05 | 35.90 -3.70 0.63 | 36.83 -5.10 13.52 | 39.79 -9.15 47.39 | 46.76 -14.08 100.96 | 47.97 -14.13 104.11 | 43.71 -12.06 81.32 | 43.48 -11.17 73.69 | 44.33 -10.67 61.00 | 44.85 -11.22 53.93 | 46.47 -6.91 17.12 |
| GE_PLASTICS___DRP 24183 | 106.84 2.84 -49.28 | 88.51 2.69 -35.05 | 78.09 2.52 -28.10 | 74.58 2.84 -18.21 | 75.62 2.94 -17.13 | 88.31 3.01 -28.58 | 99.49 3.29 -34.22 | 116.81 3.15 -54.28 | 127.40 4.63 -33.78 | 132.07 6.58 0.97 | 157.05 5.44 -47.07 | 155.99 3.02 -94.87 | 150.58 2.65 -96.91 | 138.63 2.09 -96.26 | 127.16 2.09 -84.84 | 129.45 2.88 -71.12 | 133.02 4.91 -31.77 | 168.21 7.77 1.35 | 172.80 7.98 1.39 | 142.86 6.85 1.09 | 133.26 5.90 0.98 | 120.53 5.34 0.81 | 114.67 5.39 0.72 | 135.99 2.96 -62.53 |
| GILBOA___1 23756 | 95.21 2.46 -38.03 | 80.06 2.23 -27.05 | 71.20 2.04 -21.68 | 69.89 2.30 -14.05 | 71.16 2.39 -13.22 | 81.26 2.50 -22.04 | 91.08 2.85 -26.25 | 103.90 2.79 -41.71 | 118.91 4.27 -25.66 | 130.81 5.82 1.48 | 145.28 5.02 -35.72 | 133.87 2.85 -72.92 | 128.11 2.55 -74.55 | 116.43 2.01 -74.14 | 107.57 2.01 -65.34 | 112.80 2.72 -54.64 | 124.66 4.34 -24.00 | 167.02 7.28 2.05 | 171.41 7.31 2.11 | 141.89 6.44 1.65 | 132.49 5.65 1.50 | 120.11 5.34 1.24 | 114.18 5.28 1.09 | 121.32 2.82 -48.01 |
| GILBOA___2 23757 | 95.21 2.46 -38.03 | 80.06 2.23 -27.05 | 71.20 2.04 -21.68 | 69.89 2.30 -14.05 | 71.16 2.39 -13.22 | 81.26 2.50 -22.04 | 91.08 2.85 -26.25 | 103.90 2.79 -41.71 | 118.91 4.27 -25.66 | 130.81 5.82 1.48 | 145.28 5.02 -35.72 | 133.87 2.85 -72.92 | 128.11 2.55 -74.55 | 116.43 2.01 -74.14 | 107.57 2.01 -65.34 | 112.80 2.72 -54.64 | 124.66 4.34 -24.00 | 167.02 7.28 2.05 | 171.41 7.31 2.11 | 141.89 6.44 1.65 | 132.49 5.65 1.50 | 120.11 5.34 1.24 | 114.18 5.28 1.09 | 121.32 2.82 -48.01 |
| GILBOA___3 23758 | 95.21 2.46 -38.03 | 80.06 2.23 -27.05 | 71.20 2.04 -21.68 | 69.89 2.30 -14.05 | 71.16 2.39 -13.22 | 81.26 2.50 -22.04 | 91.08 2.85 -26.25 | 103.90 2.79 -41.71 | 118.91 4.27 -25.66 | 130.81 5.82 1.48 | 145.28 5.02 -35.72 | 133.87 2.85 -72.92 | 128.11 2.55 -74.55 | 116.43 2.01 -74.14 | 107.57 2.01 -65.34 | 112.80 2.72 -54.64 | 124.66 4.34 -24.00 | 167.02 7.28 2.05 | 171.41 7.31 2.11 | 141.89 6.44 1.65 | 132.49 5.65 1.50 | 120.11 5.34 1.24 | 114.18 5.28 1.09 | 121.32 2.82 -48.01 |
| GILBOA___4 23759 | 95.21 2.46 -38.03 | 80.06 2.23 -27.05 | 71.20 2.04 -21.68 | 69.89 2.30 -14.05 | 71.16 2.39 -13.22 | 81.26 2.50 -22.04 | 91.08 2.85 -26.25 | 103.90 2.79 -41.71 | 118.91 4.27 -25.66 | 130.81 5.82 1.48 | 145.28 5.02 -35.72 | 133.87 2.85 -72.92 | 128.11 2.55 -74.55 | 116.43 2.01 -74.14 | 107.57 2.01 -65.34 | 112.80 2.72 -54.64 | 124.66 4.34 -24.00 | 167.02 7.28 2.05 | 171.41 7.31 2.11 | 141.89 6.44 1.65 | 132.49 5.65 1.50 | 120.11 5.34 1.24 | 114.18 5.28 1.09 | 121.32 2.82 -48.01 |
| GILBOA___ 23599 | 95.21 2.46 -38.03 | 80.06 2.23 -27.05 | 71.20 2.04 -21.68 | 69.89 2.30 -14.05 | 71.16 2.39 -13.22 | 81.26 2.50 -22.04 | 91.08 2.85 -26.25 | 103.90 2.79 -41.71 | 118.91 4.27 -25.66 | 130.81 5.82 1.48 | 145.28 5.02 -35.72 | 133.87 2.85 -72.92 | 128.11 2.55 -74.55 | 116.43 2.01 -74.14 | 107.57 2.01 -65.34 | 112.80 2.72 -54.64 | 124.66 4.34 -24.00 | 167.02 7.28 2.05 | 171.41 7.31 2.11 | 141.89 6.44 1.65 | 132.49 5.65 1.50 | 120.11 5.34 1.24 | 114.18 5.28 1.09 | 121.32 2.82 -48.01 |
| GINNA___ 23603 | 54.11 -4.98 -4.37 | 49.21 -4.67 -3.11 | 45.51 -4.46 -2.49 | 50.23 -4.93 -1.62 | 52.02 -5.06 -1.52 | 54.47 -4.99 -2.74 | 61.24 -5.27 -4.52 | 60.80 -4.99 -6.40 | 88.68 -7.12 -6.81 | 123.29 -9.74 -6.56 | 106.67 -7.53 -9.65 | 64.66 -4.30 -10.86 | 57.94 -3.62 -10.54 | 46.86 -3.06 -9.64 | 45.68 -3.10 -8.56 | 59.65 -4.16 -8.36 | 96.25 -7.61 -7.52 | 159.09 -11.81 -9.11 | 163.64 -11.97 -9.40 | 134.43 -10.01 -7.34 | 125.88 -9.11 -6.65 | 112.93 -8.58 -5.51 | 105.74 -9.13 -4.87 | 72.55 -5.78 -7.84 |
| GLEN PARK___ 23778 | 57.84 1.59 -1.54 | 53.23 1.37 -1.09 | 49.30 0.95 -0.88 | 55.28 1.18 -0.57 | 57.25 1.17 -0.53 | 59.21 1.59 -0.89 | 64.79 1.74 -1.07 | 62.40 1.31 -1.70 | 92.46 2.40 -1.07 | 130.51 4.05 0.00 | 110.01 3.97 -1.49 | 63.40 2.32 -2.97 | 56.19 2.14 -3.03 | 44.78 1.49 -3.01 | 44.24 1.37 -2.65 | 59.56 1.89 -2.23 | 99.95 2.60 -1.01 | 168.43 6.63 0.00 | 173.36 7.15 0.00 | 142.58 5.48 0.00 | 133.34 5.01 0.00 | 119.49 3.48 0.00 | 112.20 2.20 0.00 | 74.71 2.26 -1.96 |
| GLENWOOD_IC_1_G5 23712 | 99.26 5.58 -38.97 | 83.21 4.72 -27.71 | 73.82 4.13 -22.21 | 72.64 4.71 -14.40 | 73.93 4.83 -13.54 | 84.47 5.16 -22.58 | 95.07 6.14 -26.95 | 108.79 6.59 -42.81 | 128.71 10.50 -29.22 | 143.29 14.67 -2.15 | 156.31 12.86 -38.91 | 144.34 7.32 -78.92 | 139.05 6.58 -81.45 | 133.80 5.16 -88.37 | 133.80 5.11 -88.47 | 133.72 6.88 -71.40 | 147.57 12.04 -39.19 | 191.27 20.71 -8.77 | 194.35 21.44 -6.70 | 169.90 17.82 -14.98 | 155.77 16.30 -11.13 | 138.74 14.50 -8.23 | 131.68 13.09 -8.60 | 126.90 7.12 -49.29 |
| GLENWOOD_IC_2_G1 23688 | 98.93 5.25 -38.96 | 82.95 4.47 -27.71 | 73.63 3.94 -22.21 | 72.43 4.50 -14.40 | 73.71 4.61 -13.54 | 84.25 4.94 -22.58 | 94.76 5.83 -26.95 | 108.43 6.24 -42.80 | 126.93 9.88 -28.06 | 141.00 13.78 -0.74 | 154.70 12.13 -38.04 | 142.28 6.97 -77.20 | 136.61 6.22 -79.37 | 131.06 4.87 -85.91 | 131.06 4.83 -86.01 | 130.86 6.49 -68.93 | 143.75 11.37 -36.05 | 187.49 19.58 -6.12 | 190.53 20.11 -4.21 | 166.14 16.86 -12.18 | 151.73 15.40 -7.99 | 135.35 13.69 -5.65 | 128.31 12.32 -5.99 | 126.47 6.70 -49.28 |
| GLENWOOD_IC_3_G1 23689 | 98.93 5.25 -38.96 | 82.95 4.47 -27.71 | 73.63 3.94 -22.21 | 72.43 4.50 -14.40 | 73.71 4.61 -13.54 | 84.25 4.94 -22.58 | 94.76 5.83 -26.95 | 108.43 6.24 -42.80 | 126.93 9.88 -28.06 | 141.00 13.78 -0.74 | 154.70 12.13 -38.04 | 142.28 6.97 -77.20 | 136.61 6.22 -79.37 | 131.06 4.87 -85.91 | 131.06 4.83 -86.01 | 130.86 6.49 -68.93 | 143.75 11.37 -36.05 | 187.49 19.58 -6.12 | 190.53 20.11 -4.21 | 166.14 16.86 -12.18 | 151.73 15.40 -7.99 | 135.35 13.69 -5.65 | 128.31 12.32 -5.99 | 126.47 6.70 -49.28 |
| GLENWOOD___4 23550 | 99.26 5.58 -38.97 | 83.21 4.72 -27.71 | 73.82 4.13 -22.21 | 72.64 4.71 -14.40 | 73.93 4.83 -13.54 | 84.47 5.16 -22.58 | 95.07 6.14 -26.95 | 108.79 6.59 -42.81 | 128.71 10.50 -29.22 | 143.29 14.67 -2.15 | 156.31 12.86 -38.91 | 144.34 7.32 -78.92 | 139.05 6.58 -81.45 | 133.80 5.16 -88.37 | 133.80 5.11 -88.47 | 133.72 6.88 -71.40 | 147.57 12.04 -39.19 | 191.27 20.71 -8.77 | 194.35 21.44 -6.70 | 169.90 17.82 -14.98 | 155.76 16.30 -11.13 | 138.74 14.50 -8.23 | 131.68 13.09 -8.59 | 126.90 7.12 -49.29 |
| GLENWOOD___5 23614 | 99.26 5.58 -38.97 | 83.21 4.72 -27.71 | 73.82 4.13 -22.21 | 72.64 4.71 -14.40 | 73.93 4.83 -13.54 | 84.47 5.16 -22.58 | 95.07 6.14 -26.95 | 108.79 6.59 -42.81 | 128.71 10.50 -29.22 | 143.29 14.67 -2.15 | 156.31 12.86 -38.91 | 144.34 7.32 -78.92 | 139.05 6.58 -81.45 | 133.80 5.16 -88.37 | 133.80 5.11 -88.47 | 133.72 6.88 -71.40 | 147.57 12.04 -39.19 | 191.27 20.71 -8.77 | 194.35 21.44 -6.70 | 169.90 17.82 -14.98 | 155.76 16.30 -11.13 | 138.74 14.50 -8.23 | 131.68 13.09 -8.59 | 126.90 7.12 -49.29 |
| GLOBAL GREEN_PORT_GT1 23814 | 105.05 11.38 -38.96 | 87.98 9.49 -27.71 | 78.00 8.31 -22.21 | 77.30 9.37 -14.39 | 78.76 9.67 -13.54 | 89.97 10.66 -22.58 | 101.58 12.64 -26.95 | 115.25 13.07 -42.80 | 137.07 21.09 -26.99 | 155.63 29.72 0.56 | 166.76 24.99 -37.23 | 147.79 14.06 -75.62 | 140.86 12.40 -77.45 | 133.66 9.75 -83.64 | 133.70 9.73 -83.74 | 135.30 13.20 -66.65 | 153.66 24.18 -33.14 | 207.37 41.90 -3.67 | 211.50 43.38 -1.90 | 182.74 36.06 -9.60 | 167.07 33.62 -5.10 | 147.70 28.42 -3.26 | 138.45 24.86 -3.59 | 134.01 14.24 -49.28 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|
| GOETHSLN___LBMP 323567 | 98.26 4.60 -38.96 | 82.64 4.16 -27.71 | 73.34 3.66 -22.21 | 72.21 4.28 -14.39 | 73.54 4.44 -13.54 | 83.96 4.65 -22.58 | 94.39 5.45 -26.95 | 108.01 5.82 -42.80 | 124.60 9.17 -26.44 | 138.02 12.77 1.22 | 153.07 11.71 -36.82 | 139.64 6.74 -74.80 | 133.48 6.02 -76.45 | 121.02 4.75 -75.99 | 115.63 4.71 -70.70 | 117.83 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 183.92 19.45 1.73 | 152.18 16.45 1.37 | 142.13 15.02 1.22 | 128.42 13.22 0.82 | 120.75 11.66 0.91 | 125.97 6.20 -49.27 |
| GOODYEAR_LAKE_HYD 323669 | 68.03 1.91 -11.41 | 60.61 1.73 -8.11 | 55.40 1.42 -6.50 | 59.41 1.66 -4.21 | 61.24 1.72 -3.96 | 65.25 1.99 -6.54 | 71.68 2.36 -7.34 | 73.59 2.26 -11.95 | 99.06 3.74 -6.34 | 129.22 5.56 2.81 | 118.01 4.70 -8.76 | 81.72 2.61 -21.00 | 74.97 2.30 -21.66 | 63.85 1.73 -21.84 | 61.14 1.69 -19.23 | 73.43 2.33 -15.65 | 105.71 3.85 -5.52 | 165.65 7.77 3.91 | 170.16 7.98 4.03 | 140.39 6.44 3.15 | 131.14 5.65 2.85 | 118.40 4.76 2.36 | 111.87 3.96 2.09 | 86.54 2.47 -13.58 |
| GOUDEY___7 23579 | 67.36 0.05 -12.60 | 59.83 0.10 -8.96 | 54.66 0.00 -7.18 | 58.19 0.00 -4.65 | 59.93 0.00 -4.38 | 63.88 0.06 -7.10 | 69.62 0.43 -7.20 | 71.92 0.30 -12.23 | 94.28 0.62 -4.67 | 120.07 0.76 7.16 | 111.71 0.84 -6.33 | 80.38 0.58 -21.69 | 74.31 0.56 -22.73 | 64.04 0.32 -23.44 | 61.10 0.28 -20.60 | 71.81 0.33 -16.03 | 99.94 0.39 -3.22 | 153.14 1.29 9.94 | 157.62 1.66 10.26 | 130.32 1.23 8.01 | 122.11 1.03 7.26 | 110.46 0.46 6.01 | 104.69 0.00 5.31 | 84.31 0.21 -13.61 |
| GOUDEY___8 23580 | 67.31 0.00 -12.60 | 59.78 0.05 -8.96 | 54.61 -0.05 -7.18 | 58.14 -0.05 -4.65 | 59.88 -0.06 -4.38 | 63.82 0.00 -7.10 | 69.56 0.37 -7.20 | 71.86 0.24 -12.23 | 94.19 0.53 -4.67 | 119.94 0.63 7.16 | 111.61 0.73 -6.33 | 80.26 0.46 -21.69 | 74.21 0.46 -22.73 | 64.00 0.28 -23.44 | 61.06 0.24 -20.60 | 71.70 0.22 -16.03 | 99.85 0.29 -3.22 | 152.98 1.13 9.94 | 157.29 1.33 10.26 | 130.18 1.10 8.01 | 121.98 0.90 7.26 | 110.35 0.35 6.01 | 104.58 -0.11 5.31 | 84.24 0.14 -13.61 |
| GOWANUS_GT1_1 24077 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_2 24078 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_3 24079 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_4 24080 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_5 24084 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_6 24111 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_7 24112 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT1_8 24113 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_1 24114 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_2 24115 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_3 24116 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_4 24117 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|
| GOWANUS_GT2_5 24118 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_6 24119 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_7 24120 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT2_8 24121 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_1 24122 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_2 24123 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_3 24124 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_4 24125 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_5 24126 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_6 24127 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_7 24128 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT3_8 24129 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_1 24130 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_2 24131 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_3 24132 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_4 24133 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |

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|---------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| GOWANUS_GT4_5 24134 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_6 24135 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_7 24136 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GOWANUS_GT4_8 24137 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| GREENIDGE___3 23582 | 59.78 -1.91 -6.99 | 54.52 -1.22 -4.97 | 50.18 -1.28 -3.98 | 54.67 -1.45 -2.58 | 56.43 -1.56 -2.43 | 59.00 -1.76 -4.03 | 65.29 -1.36 -4.67 | 65.46 -1.43 -7.50 | 91.52 -1.78 -4.32 | 122.97 -2.53 0.96 | 108.76 -1.78 -5.99 | 70.37 -0.87 -13.14 | 63.79 -0.71 -13.49 | 53.34 -0.44 -13.50 | 51.60 -0.52 -11.89 | 64.05 -1.22 -9.82 | 97.84 -2.41 -3.92 | 157.86 -2.59 1.34 | 162.67 -2.16 1.38 | 133.82 -2.19 1.08 | 125.18 -2.18 0.98 | 112.42 -2.78 0.81 | 105.54 -3.74 0.72 | 77.10 -1.97 -8.58 |
| GREENIDGE___4 23583 | 59.78 -1.91 -6.99 | 54.52 -1.22 -4.97 | 50.18 -1.28 -3.98 | 54.67 -1.45 -2.58 | 56.43 -1.56 -2.43 | 59.00 -1.76 -4.03 | 65.29 -1.36 -4.67 | 65.46 -1.43 -7.50 | 91.52 -1.78 -4.32 | 122.97 -2.53 0.96 | 108.76 -1.78 -5.99 | 70.37 -0.87 -13.14 | 63.79 -0.71 -13.49 | 53.34 -0.44 -13.50 | 51.60 -0.52 -11.89 | 64.05 -1.22 -9.82 | 97.84 -2.41 -3.92 | 157.86 -2.59 1.34 | 162.67 -2.16 1.38 | 133.82 -2.19 1.08 | 125.18 -2.18 0.98 | 112.42 -2.78 0.81 | 105.54 -3.74 0.72 | 77.10 -1.97 -8.58 |
| GROVEVILLE___HYD 323602 | 99.12 4.60 -39.81 | 82.69 3.60 -28.32 | 73.40 3.23 -22.70 | 71.94 3.69 -14.71 | 73.17 3.78 -13.84 | 83.77 3.97 -23.08 | 94.19 4.65 -27.55 | 108.25 5.11 -43.75 | 124.14 8.10 -27.05 | 136.90 11.63 1.20 | 152.12 10.14 -37.44 | 139.90 5.81 -75.99 | 133.88 5.20 -77.66 | 121.54 4.07 -77.19 | 112.24 3.98 -68.03 | 117.78 5.38 -56.95 | 130.98 9.44 -25.20 | 176.63 16.50 1.67 | 181.28 16.79 1.72 | 150.14 14.39 1.34 | 139.96 12.83 1.22 | 126.49 11.48 1.01 | 119.23 10.12 0.89 | 126.01 5.15 -50.37 |
| HAMPSHIRE___PAPER_HYD 323593 | 55.04 0.33 0.00 | 51.07 0.30 0.00 | 47.62 0.14 0.00 | 53.64 0.11 0.00 | 55.61 0.06 0.00 | 57.01 0.28 0.00 | 62.11 0.12 0.00 | 59.15 -0.24 0.00 | 88.90 -0.09 0.00 | 126.72 0.25 0.00 | 105.38 0.84 0.00 | 58.63 0.52 0.00 | 51.48 0.46 0.00 | 40.56 0.28 0.00 | 40.51 0.28 0.00 | 55.83 0.39 0.00 | 96.24 -0.10 0.00 | 162.76 0.97 0.00 | 167.21 1.00 0.00 | 137.50 0.41 0.00 | 129.24 0.90 0.00 | 116.36 0.35 0.00 | 110.00 0.00 0.00 | 70.92 0.42 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 58.00 4.10 0.81 | 54.00 3.81 0.58 | 50.52 3.51 0.46 | 57.20 3.96 0.30 | 59.38 4.11 0.28 | 60.51 4.25 0.47 | 66.19 4.77 0.57 | 63.00 4.51 0.90 | 95.27 6.85 0.57 | 136.33 9.86 0.00 | 112.01 8.26 0.79 | 61.01 4.47 1.57 | 53.39 3.98 1.60 | 41.79 3.10 1.59 | 41.92 3.10 1.40 | 58.48 4.21 1.18 | 103.22 7.42 0.53 | 174.57 12.78 0.00 | 179.34 13.13 0.00 | 147.92 10.83 0.00 | 138.35 10.01 0.00 | 124.94 8.93 0.00 | 118.36 8.36 0.00 | 74.88 5.43 1.04 |
| HARZA MOOSE___RIVER 24016 | 55.37 0.66 0.00 | 51.33 0.56 0.00 | 47.85 0.38 0.00 | 53.96 0.43 0.00 | 56.00 0.44 0.00 | 57.35 0.62 0.00 | 62.67 0.68 0.00 | 59.92 0.53 0.00 | 90.05 1.07 0.00 | 128.24 1.77 0.00 | 106.42 1.88 0.00 | 59.15 1.05 0.00 | 51.99 0.97 0.00 | 40.96 0.68 0.00 | 40.83 0.60 0.00 | 56.28 0.83 0.00 | 97.39 1.06 0.00 | 164.70 2.91 0.00 | 169.37 3.16 0.00 | 139.42 2.33 0.00 | 130.52 2.18 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 71.48 0.99 0.00 |
| HEMPSTEAD___ 23647 | 99.59 5.91 -38.97 | 83.36 4.87 -27.71 | 73.87 4.18 -22.21 | 72.70 4.76 -14.40 | 73.93 4.83 -13.54 | 84.59 5.28 -22.58 | 95.32 6.38 -26.95 | 109.03 6.83 -42.81 | 129.19 11.03 -29.17 | 143.86 15.30 -2.09 | 156.69 13.28 -38.87 | 144.55 7.61 -78.84 | 139.21 6.84 -81.35 | 133.81 5.28 -88.25 | 133.81 5.23 -88.35 | 133.77 7.04 -71.28 | 147.71 12.33 -39.05 | 191.80 21.36 -8.65 | 194.74 21.94 -6.58 | 170.04 18.10 -14.86 | 156.01 16.68 -10.98 | 138.97 14.85 -8.11 | 132.00 13.53 -8.48 | 127.25 7.47 -49.29 |
| HICKLING___1 23621 | 64.43 0.77 -8.95 | 58.20 1.07 -6.37 | 53.48 0.90 -5.10 | 57.86 1.02 -3.31 | 59.78 1.11 -3.11 | 62.84 1.13 -4.98 | 68.56 1.98 -4.60 | 69.19 1.66 -8.14 | 93.73 2.76 -1.99 | 122.97 3.92 7.42 | 110.47 3.35 -2.58 | 74.76 2.09 -14.56 | 68.38 1.89 -15.47 | 57.84 1.29 -16.28 | 55.71 1.21 -14.28 | 67.56 1.44 -10.67 | 99.19 2.22 -0.64 | 156.99 5.50 10.30 | 161.90 6.32 10.62 | 133.32 4.52 8.30 | 125.18 4.36 7.52 | 112.57 2.78 6.23 | 105.81 1.32 5.50 | 80.84 1.48 -8.87 |
| HICKLING___2 23622 | 64.43 0.77 -8.95 | 58.20 1.07 -6.37 | 53.48 0.90 -5.10 | 57.86 1.02 -3.31 | 59.78 1.11 -3.11 | 62.84 1.13 -4.98 | 68.56 1.98 -4.60 | 69.19 1.66 -8.14 | 93.73 2.76 -1.99 | 122.97 3.92 7.42 | 110.47 3.35 -2.58 | 74.76 2.09 -14.56 | 68.38 1.89 -15.47 | 57.84 1.29 -16.28 | 55.71 1.21 -14.28 | 67.56 1.44 -10.67 | 99.19 2.22 -0.64 | 156.99 5.50 10.30 | 161.90 6.32 10.62 | 133.32 4.52 8.30 | 125.18 4.36 7.52 | 112.57 2.78 6.23 | 105.81 1.32 5.50 | 80.84 1.48 -8.87 |
| HIGH FALLS___HY 23754 | 100.18 6.24 -39.23 | 84.26 5.58 -27.90 | 74.82 4.98 -22.36 | 73.65 5.62 -14.49 | 74.96 5.78 -13.63 | 85.53 6.07 -22.74 | 96.25 7.13 -27.14 | 110.27 7.78 -43.10 | 127.99 12.37 -26.64 | 143.72 18.46 1.21 | 157.10 15.47 -37.08 | 142.18 8.77 -75.30 | 135.78 7.81 -76.96 | 122.78 6.00 -76.50 | 113.43 5.79 -67.42 | 119.87 7.98 -56.44 | 134.88 13.58 -24.96 | 184.38 24.27 1.68 | 189.24 24.77 1.73 | 156.99 21.25 1.35 | 145.98 18.87 1.23 | 132.05 17.05 1.02 | 124.06 14.96 0.90 | 128.22 8.11 -49.62 |
| HILLBURN___GT 23639 | 96.52 4.54 -37.26 | 81.34 4.06 -26.51 | 72.37 3.66 -21.24 | 71.48 4.18 -13.77 | 72.78 4.28 -12.95 | 82.80 4.48 -21.60 | 93.26 5.52 -25.76 | 106.13 5.82 -40.92 | 123.49 9.25 -25.25 | 138.11 12.90 1.25 | 150.79 11.29 -34.96 | 135.68 6.45 -71.13 | 129.53 5.82 -72.70 | 117.11 4.55 -72.28 | 108.43 4.51 -63.70 | 114.80 6.04 -53.31 | 130.54 10.69 -23.52 | 178.50 18.44 1.74 | 183.37 18.95 1.79 | 151.73 16.04 1.40 | 141.70 14.63 1.27 | 127.83 12.88 1.05 | 120.51 11.44 0.93 | 123.59 5.99 -47.10 |
| HISHELDNT_WT_PWR 323625 | 56.44 -4.76 -6.49 | 51.12 -4.26 -4.62 | 47.00 -4.18 -3.70 | 51.27 -4.66 -2.40 | 53.03 -4.78 -2.25 | 56.08 -4.82 -4.17 | 64.66 -4.90 -7.57 | 65.05 -4.75 -10.41 | 94.44 -6.85 -12.31 | 130.69 -9.36 -13.58 | 114.71 -7.32 -17.49 | 71.56 -4.07 -17.52 | 64.26 -3.52 -16.77 | 52.32 -2.90 -14.94 | 50.54 -2.98 -13.29 | 64.89 -4.16 -13.60 | 102.71 -7.51 -13.89 | 169.33 -11.33 -18.86 | 174.36 -11.30 -19.45 | 142.55 -9.73 -15.19 | 133.12 -8.98 -13.77 | 118.71 -8.70 -11.40 | 110.72 -9.35 -10.08 | 77.73 -5.71 -12.95 |

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| HOLTSVILLE_IC_1 23690 | 100.35 6.67 -38.96 | 83.81 5.33 -27.71 | 74.24 4.56 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 143.09 17.20 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.99 7.55 -77.42 | 129.81 5.92 -83.61 | 129.85 5.91 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.76 18.35 -5.07 | 135.49 16.24 -3.24 | 128.41 14.85 -3.56 | 127.95 8.18 -49.28 |
| HOLTSVILLE_IC_10 23699 | 101.06 7.39 -38.96 | 84.47 5.99 -27.71 | 74.81 5.13 -22.21 | 73.71 5.78 -14.39 | 74.98 5.89 -13.54 | 85.89 6.58 -22.58 | 96.81 7.87 -26.95 | 110.62 8.43 -42.80 | 129.90 13.88 -27.03 | 145.18 19.22 0.51 | 158.21 16.41 -37.26 | 143.14 9.35 -75.68 | 136.89 8.37 -77.51 | 130.56 6.57 -83.71 | 130.56 6.52 -83.82 | 130.94 8.76 -66.73 | 144.90 15.32 -33.24 | 191.43 25.89 -3.75 | 194.79 26.59 -1.98 | 168.99 22.21 -9.68 | 153.95 20.41 -5.20 | 137.22 17.87 -3.35 | 129.95 16.28 -3.67 | 128.86 9.09 -49.28 |
| HOLTSVILLE_IC_2 23691 | 100.35 6.67 -38.96 | 83.81 5.33 -27.71 | 74.24 4.56 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 143.09 17.20 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.99 7.55 -77.42 | 129.81 5.92 -83.61 | 129.85 5.91 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.76 18.35 -5.07 | 135.49 16.24 -3.24 | 128.41 14.85 -3.56 | 127.95 8.18 -49.28 |
| HOLTSVILLE_IC_3 23692 | 100.35 6.67 -38.96 | 83.81 5.33 -27.71 | 74.24 4.56 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 143.09 17.20 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.99 7.55 -77.42 | 129.81 5.92 -83.61 | 129.85 5.91 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.76 18.35 -5.07 | 135.49 16.24 -3.24 | 128.41 14.85 -3.56 | 127.95 8.18 -49.28 |
| HOLTSVILLE_IC_4 23693 | 100.35 6.67 -38.96 | 83.81 5.33 -27.71 | 74.24 4.56 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 143.09 17.20 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.99 7.55 -77.42 | 129.81 5.92 -83.61 | 129.85 5.91 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.76 18.35 -5.07 | 135.49 16.24 -3.24 | 128.41 14.85 -3.56 | 127.95 8.18 -49.28 |
| HOLTSVILLE_IC_5 23694 | 100.35 6.67 -38.96 | 83.81 5.33 -27.71 | 74.24 4.56 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 143.09 17.20 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.99 7.55 -77.42 | 129.81 5.92 -83.61 | 129.85 5.91 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.76 18.35 -5.07 | 135.49 16.24 -3.24 | 128.41 14.85 -3.56 | 127.95 8.18 -49.28 |
| HOLTSVILLE_IC_6 23695 | 101.06 7.39 -38.96 | 84.47 5.99 -27.71 | 74.81 5.13 -22.21 | 73.71 5.78 -14.39 | 74.98 5.89 -13.54 | 85.89 6.58 -22.58 | 96.81 7.87 -26.95 | 110.62 8.43 -42.80 | 129.90 13.88 -27.03 | 145.18 19.22 0.51 | 158.21 16.41 -37.26 | 143.14 9.35 -75.68 | 136.89 8.37 -77.51 | 130.56 6.57 -83.71 | 130.56 6.52 -83.82 | 130.94 8.76 -66.73 | 144.90 15.32 -33.24 | 191.43 25.89 -3.75 | 194.79 26.59 -1.98 | 168.99 22.21 -9.68 | 153.95 20.41 -5.20 | 137.22 17.87 -3.35 | 129.95 16.28 -3.67 | 128.86 9.09 -49.28 |
| HOLTSVILLE_IC_7 23696 | 101.06 7.39 -38.96 | 84.47 5.99 -27.71 | 74.81 5.13 -22.21 | 73.71 5.78 -14.39 | 74.98 5.89 -13.54 | 85.89 6.58 -22.58 | 96.81 7.87 -26.95 | 110.62 8.43 -42.80 | 129.90 13.88 -27.03 | 145.18 19.22 0.51 | 158.21 16.41 -37.26 | 143.14 9.35 -75.68 | 136.89 8.37 -77.51 | 130.56 6.57 -83.71 | 130.56 6.52 -83.82 | 130.94 8.76 -66.73 | 144.90 15.32 -33.24 | 191.43 25.89 -3.75 | 194.79 26.59 -1.98 | 168.99 22.21 -9.68 | 153.95 20.41 -5.20 | 137.22 17.87 -3.35 | 129.95 16.28 -3.67 | 128.86 9.09 -49.28 |
| HOLTSVILLE_IC_8 23697 | 101.06 7.39 -38.96 | 84.47 5.99 -27.71 | 74.81 5.13 -22.21 | 73.71 5.78 -14.39 | 74.98 5.89 -13.54 | 85.89 6.58 -22.58 | 96.81 7.87 -26.95 | 110.62 8.43 -42.80 | 129.90 13.88 -27.03 | 145.18 19.22 0.51 | 158.21 16.41 -37.26 | 143.14 9.35 -75.68 | 136.89 8.37 -77.51 | 130.56 6.57 -83.71 | 130.56 6.52 -83.82 | 130.94 8.76 -66.73 | 144.90 15.32 -33.24 | 191.43 25.89 -3.75 | 194.79 26.59 -1.98 | 168.99 22.21 -9.68 | 153.95 20.41 -5.20 | 137.22 17.87 -3.35 | 129.95 16.28 -3.67 | 128.86 9.09 -49.28 |
| HOLTSVILLE_IC_9 23698 | 101.06 7.39 -38.96 | 84.47 5.99 -27.71 | 74.81 5.13 -22.21 | 73.71 5.78 -14.39 | 74.98 5.89 -13.54 | 85.89 6.58 -22.58 | 96.81 7.87 -26.95 | 110.62 8.43 -42.80 | 129.90 13.88 -27.03 | 145.18 19.22 0.51 | 158.21 16.41 -37.26 | 143.14 9.35 -75.68 | 136.89 8.37 -77.51 | 130.56 6.57 -83.71 | 130.56 6.52 -83.82 | 130.94 8.76 -66.73 | 144.90 15.32 -33.24 | 191.43 25.89 -3.75 | 194.79 26.59 -1.98 | 168.99 22.21 -9.68 | 153.95 20.41 -5.20 | 137.22 17.87 -3.35 | 129.95 16.28 -3.67 | 128.86 9.09 -49.28 |
| HQ_GEN_CEDARS 23644 | 54.22 -0.49 0.00 | 50.36 -0.41 0.00 | 47.09 -0.38 0.00 | 53.11 -0.43 0.00 | 55.11 -0.44 0.00 | 56.33 -0.40 0.00 | 61.12 -0.87 0.00 | 58.38 -1.01 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.18 -1.36 0.00 | 57.35 -0.76 0.00 | 50.30 -0.71 0.00 | 39.75 -0.52 0.00 | 39.70 -0.52 0.00 | 54.84 -0.61 0.00 | 94.89 -1.45 0.00 | 159.37 -2.43 0.00 | 163.72 -2.49 0.00 | 134.63 -2.47 0.00 | 126.67 -1.67 0.00 | 114.50 -1.51 0.00 | 108.68 -1.32 0.00 | 69.58 -0.92 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 54.22 -0.49 0.00 | 50.36 -0.41 0.00 | 47.09 -0.38 0.00 | 53.11 -0.43 0.00 | 55.11 -0.44 0.00 | 56.33 -0.40 0.00 | 61.12 -0.87 0.00 | 58.38 -1.01 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.18 -1.36 0.00 | 57.35 -0.76 0.00 | 50.30 -0.71 0.00 | 39.75 -0.52 0.00 | 39.70 -0.52 0.00 | 54.33 -0.61 0.50 | 95.39 -1.45 -0.50 | 159.37 -2.43 0.00 | 163.72 -2.49 0.00 | 134.63 -2.47 0.00 | 126.67 -1.67 0.00 | 114.50 -1.51 0.00 | 108.68 -1.32 0.00 | 69.58 -0.92 0.00 |
| HQ_GEN_IMPORT 323601 | 54.00 -0.71 0.00 | 50.16 -0.61 0.00 | 47.00 -0.47 0.00 | 53.00 -0.54 0.00 | 55.00 -0.56 0.00 | 56.05 -0.68 0.00 | 61.06 -0.93 0.00 | 58.50 -0.89 0.00 | 87.56 -1.42 0.00 | 124.44 -2.02 0.00 | 102.77 -1.78 0.00 | 57.00 -1.10 0.00 | 50.00 -1.02 0.00 | 39.51 -0.77 0.00 | 39.50 -0.72 0.00 | 54.00 -0.94 0.50 | 95.39 -1.45 -0.50 | 159.04 -2.75 0.00 | 163.22 -2.99 0.00 | 134.49 -2.60 0.00 | 126.29 -2.05 0.00 | 114.27 -1.74 0.00 | 108.46 -1.54 0.00 | 69.51 -0.99 0.00 |
| HQ_GEN_WHEEL 23651 | 54.00 -0.71 0.00 | 50.16 -0.61 0.00 | 47.00 -0.47 0.00 | 53.00 -0.54 0.00 | 55.00 -0.56 0.00 | 56.05 -0.68 0.00 | 61.06 -0.93 0.00 | 58.50 -0.89 0.00 | 87.56 -1.42 0.00 | 124.44 -2.02 0.00 | 102.77 -1.78 0.00 | 57.00 -1.10 0.00 | 50.00 -1.02 0.00 | 39.51 -0.77 0.00 | 39.50 -0.72 0.00 | 54.00 -0.94 0.50 | 95.39 -1.45 -0.50 | 159.04 -2.75 0.00 | 163.22 -2.99 0.00 | 134.49 -2.60 0.00 | 126.29 -2.05 0.00 | 114.27 -1.74 0.00 | 108.46 -1.54 0.00 | 69.51 -0.99 0.00 |
| HUDSON_AVE_GT_3 23810 | 98.65 4.98 -38.96 | 82.95 4.47 -27.71 | 73.62 3.94 -22.21 | 72.48 4.55 -14.39 | 73.81 4.72 -13.54 | 84.24 4.94 -22.58 | 94.63 5.70 -26.95 | 108.24 6.06 -42.79 | 125.04 9.61 -26.44 | 138.65 13.41 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.80 | 133.69 6.22 -76.45 | 121.14 4.87 -75.99 | 115.75 4.83 -70.70 | 118.05 6.54 -56.07 | 132.59 11.46 -24.80 | 179.69 19.58 1.68 | 184.59 20.11 1.73 | 152.72 17.00 1.37 | 142.65 15.53 1.22 | 128.88 13.69 0.82 | 121.30 12.21 0.91 | 126.32 6.56 -49.27 |
| HUDSON_AVE_GT_4 23540 | 98.65 4.98 -38.96 | 82.95 4.47 -27.71 | 73.62 3.94 -22.21 | 72.48 4.55 -14.39 | 73.81 4.72 -13.54 | 84.24 4.94 -22.58 | 94.63 5.70 -26.95 | 108.24 6.06 -42.79 | 125.04 9.61 -26.44 | 138.65 13.41 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.80 | 133.69 6.22 -76.45 | 121.14 4.87 -75.99 | 115.75 4.83 -70.70 | 118.05 6.54 -56.07 | 132.59 11.46 -24.80 | 179.69 19.58 1.68 | 184.59 20.11 1.73 | 152.72 17.00 1.37 | 142.65 15.53 1.22 | 128.88 13.69 0.82 | 121.30 12.21 0.91 | 126.32 6.56 -49.27 |

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| HUDSON_AVE_GT_5 23657 | 98.65 4.98 -38.96 | 82.95 4.47 -27.71 | 73.62 3.94 -22.21 | 72.48 4.55 -14.39 | 73.81 4.72 -13.54 | 84.24 4.94 -22.58 | 94.63 5.70 -26.95 | 108.24 6.06 -42.79 | 125.04 9.61 -26.44 | 138.65 13.41 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.80 | 133.69 6.22 -76.45 | 121.14 4.87 -75.99 | 115.75 4.83 -70.70 | 118.05 6.54 -56.07 | 132.59 11.46 -24.80 | 179.69 19.58 1.68 | 184.59 20.11 1.73 | 152.72 17.00 1.37 | 142.65 15.53 1.22 | 128.88 13.69 0.82 | 121.30 12.21 0.91 | 126.32 6.56 -49.27 |
| HUDSON_AVE_10 24168 | 98.59 4.92 -38.96 | 82.84 4.37 -27.71 | 73.58 3.89 -22.21 | 72.37 4.44 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.24 6.06 -42.79 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.64 6.74 -74.80 | 133.43 5.97 -76.45 | 120.94 4.67 -75.99 | 115.55 4.63 -70.70 | 117.83 6.32 -56.07 | 132.30 11.17 -24.80 | 178.88 18.77 1.68 | 183.59 19.11 1.73 | 152.45 16.73 1.37 | 142.13 15.02 1.22 | 128.65 13.46 0.82 | 121.08 11.99 0.91 | 126.18 6.41 -49.27 |
| HUNTER MOUNT___DRP 323613 | 104.86 6.46 -43.69 | 87.74 5.89 -31.08 | 77.80 5.41 -24.91 | 75.78 6.10 -16.14 | 77.02 6.28 -15.18 | 88.58 6.52 -25.33 | 99.71 7.44 -30.28 | 115.17 7.72 -48.06 | 130.72 11.92 -29.81 | 143.19 17.83 1.11 | 160.72 14.64 -41.54 | 150.33 8.19 -84.04 | 144.18 7.30 -85.87 | 131.28 5.68 -85.32 | 120.94 5.51 -75.20 | 126.15 7.71 -62.99 | 137.53 13.20 -28.00 | 183.71 23.46 1.54 | 188.39 23.77 1.59 | 156.14 20.29 1.24 | 145.05 17.84 1.12 | 130.97 15.89 0.93 | 123.58 14.41 0.82 | 133.81 7.97 -55.35 |
| HUNTLEY___63 23557 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| HUNTLEY___64 23558 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| HUNTLEY___65 23559 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| HUNTLEY___66 23560 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| HUNTLEY___67 23561 | 54.61 -6.07 -5.97 | 49.48 -5.53 -4.25 | 45.51 -5.36 -3.40 | 49.75 -6.00 -2.21 | 51.41 -6.22 -2.08 | 51.65 -6.30 -1.22 | 42.79 -6.57 12.63 | 41.77 -6.35 11.27 | 40.85 -9.25 38.88 | 38.62 -12.77 75.07 | 38.46 -10.04 56.05 | 36.47 -5.58 16.05 | 35.95 -4.85 10.22 | 35.51 -3.99 0.78 | 34.83 -4.02 1.37 | 35.33 -5.54 14.58 | 37.18 -9.92 49.24 | 41.97 -15.53 104.29 | 42.87 -15.79 107.55 | 39.79 -13.30 84.01 | 39.89 -12.32 76.12 | 41.39 -11.60 63.02 | 42.30 -11.99 55.71 | 44.87 -7.40 18.22 |
| HUNTLEY___68 23562 | 54.61 -6.07 -5.97 | 49.48 -5.53 -4.25 | 45.51 -5.36 -3.40 | 49.75 -6.00 -2.21 | 51.41 -6.22 -2.08 | 51.65 -6.30 -1.22 | 42.79 -6.57 12.63 | 41.77 -6.35 11.27 | 40.85 -9.25 38.88 | 38.62 -12.77 75.07 | 38.46 -10.04 56.05 | 36.47 -5.58 16.05 | 35.95 -4.85 10.22 | 35.51 -3.99 0.78 | 34.83 -4.02 1.37 | 35.33 -5.54 14.58 | 37.18 -9.92 49.24 | 41.97 -15.53 104.29 | 42.87 -15.79 107.55 | 39.79 -13.30 84.01 | 39.89 -12.32 76.12 | 41.39 -11.60 63.02 | 42.30 -11.99 55.71 | 44.87 -7.40 18.22 |
| HYLAND___LFGE 323620 | 59.98 -0.98 -6.26 | 54.36 -0.86 -4.45 | 50.04 -1.00 -3.57 | 54.83 -1.02 -2.31 | 56.84 -0.89 -2.17 | 59.82 -0.68 -3.77 | 67.28 -0.12 -5.42 | 67.43 0.00 -8.04 | 96.66 0.62 -7.05 | 132.55 1.39 -4.69 | 116.26 1.78 -9.94 | 72.84 0.93 -13.81 | 65.64 0.92 -13.71 | 53.69 0.40 -13.01 | 52.02 0.28 -11.51 | 66.40 0.44 -10.51 | 104.06 0.29 -7.44 | 170.74 2.43 -6.52 | 175.92 2.99 -6.72 | 144.26 1.92 -5.25 | 135.15 2.05 -4.76 | 120.88 0.93 -3.94 | 112.60 -0.88 -3.48 | 79.52 -0.56 -9.60 |
| INDECK___CORINTH 23802 | 107.12 2.13 -50.27 | 88.86 2.34 -35.76 | 78.65 2.52 -28.66 | 75.00 2.89 -18.57 | 76.08 3.06 -17.47 | 88.89 3.01 -29.16 | 99.75 2.85 -34.92 | 117.56 2.79 -55.37 | 127.65 4.18 -34.48 | 132.35 6.83 0.95 | 156.88 4.29 -48.05 | 157.03 2.15 -96.77 | 152.16 2.30 -98.85 | 140.15 1.69 -98.18 | 128.17 1.41 -86.54 | 130.38 2.38 -72.55 | 132.91 4.14 -32.43 | 168.40 7.93 1.32 | 173.00 8.14 1.36 | 142.48 6.44 1.06 | 133.02 5.65 0.96 | 120.20 4.99 0.80 | 114.57 5.28 0.70 | 136.48 2.19 -63.80 |
| INDECK___ILION 23567 | 56.36 2.46 0.81 | 52.42 2.23 0.58 | 49.05 2.04 0.46 | 55.54 2.30 0.30 | 57.66 2.39 0.28 | 58.75 2.50 0.47 | 64.21 2.79 0.57 | 61.16 2.67 0.90 | 92.51 4.09 0.57 | 132.41 5.94 0.00 | 108.67 4.91 0.79 | 59.27 2.73 1.57 | 51.81 2.40 1.60 | 40.58 1.89 1.59 | 40.67 1.85 1.40 | 56.82 2.55 1.18 | 100.23 4.43 0.53 | 169.56 7.77 0.00 | 174.19 7.98 0.00 | 143.67 6.58 0.00 | 134.37 6.03 0.00 | 121.34 5.34 0.00 | 114.95 4.95 0.00 | 72.77 3.31 1.04 |
| INDECK___OLEAN 23982 | 59.46 -2.19 -6.94 | 53.73 -1.98 -4.94 | 49.39 -2.04 -3.96 | 53.85 -2.25 -2.56 | 55.80 -2.17 -2.41 | 56.55 -2.33 -2.15 | 51.49 -1.30 9.20 | 50.29 -1.84 7.26 | 55.70 -2.14 31.15 | 62.69 -1.01 62.77 | 59.47 -0.10 44.97 | 48.33 -0.12 9.66 | 46.21 -0.10 4.71 | 43.16 -0.28 -3.16 | 42.03 -0.40 -2.21 | 45.42 -0.67 9.36 | 55.10 -1.35 39.88 | 74.93 0.32 87.19 | 77.29 1.00 89.92 | 66.31 -0.55 70.23 | 64.82 0.13 63.64 | 61.81 -1.51 52.69 | 59.79 -3.63 46.57 | 55.70 -2.04 12.75 |
| INDECK___OSWEGO 23783 | 55.94 -1.59 -2.82 | 51.30 -1.47 -2.01 | 47.61 -1.47 -1.61 | 52.92 -1.66 -1.04 | 54.81 -1.72 -0.98 | 56.72 -1.65 -1.64 | 62.22 -1.74 -1.97 | 60.13 -2.38 -3.12 | 87.39 -3.56 -1.97 | 121.41 -5.06 0.00 | 103.31 -3.97 -2.74 | 61.46 -2.09 -5.45 | 54.79 -1.79 -5.56 | 44.34 -1.45 -5.51 | 43.60 -1.49 -4.86 | 57.42 -2.11 -4.09 | 94.24 -3.95 -1.86 | 155.64 -6.15 0.00 | 160.06 -6.15 0.00 | 132.02 -5.07 0.00 | 123.46 -4.88 0.00 | 111.37 -4.64 0.00 | 105.60 -4.40 0.00 | 71.90 -2.19 -3.60 |
| INDECK___YERKES 23781 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| INDIAN POINT_GT_1 24139 | 97.63 4.27 -38.65 | 82.07 3.81 -27.49 | 72.93 3.42 -22.03 | 71.72 3.91 -14.28 | 72.99 4.00 -13.43 | 83.33 4.20 -22.40 | 93.68 4.96 -26.73 | 107.07 5.23 -42.46 | 123.58 8.36 -26.23 | 136.87 11.63 1.23 | 151.30 10.25 -36.52 | 138.16 5.87 -74.19 | 132.15 5.31 -75.83 | 119.80 4.15 -75.38 | 110.88 4.10 -66.55 | 116.54 5.49 -55.60 | 130.64 9.73 -24.57 | 176.75 16.66 1.70 | 181.41 16.95 1.76 | 150.25 14.53 1.37 | 140.31 13.22 1.24 | 126.59 11.60 1.02 | 119.43 10.34 0.91 | 124.73 5.36 -48.88 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| INDIAN POINT_GT_2 23659 | 97.63 4.27 -38.65 | 82.07 3.81 -27.49 | 72.93 3.42 -22.03 | 71.72 3.91 -14.28 | 72.99 4.00 -13.43 | 83.33 4.20 -22.40 | 93.68 4.96 -26.73 | 107.07 5.23 -42.46 | 123.58 8.36 -26.23 | 136.87 11.63 1.23 | 151.30 10.25 -36.52 | 138.16 5.87 -74.19 | 132.15 5.31 -75.83 | 119.80 4.15 -75.38 | 110.88 4.10 -66.55 | 116.54 5.49 -55.60 | 130.64 9.73 -24.57 | 176.75 16.66 1.70 | 181.41 16.95 1.76 | 150.25 14.53 1.37 | 140.31 13.22 1.24 | 126.59 11.60 1.02 | 119.43 10.34 0.91 | 124.73 5.36 -48.88 |
| INDIAN POINT_GT_3 24019 | 97.63 4.27 -38.65 | 82.07 3.81 -27.49 | 72.93 3.42 -22.03 | 71.72 3.91 -14.28 | 72.99 4.00 -13.43 | 83.33 4.20 -22.40 | 93.68 4.96 -26.73 | 107.07 5.23 -42.46 | 123.58 8.36 -26.23 | 136.87 11.63 1.23 | 151.30 10.25 -36.52 | 138.16 5.87 -74.19 | 132.15 5.31 -75.83 | 119.80 4.15 -75.38 | 110.88 4.10 -66.55 | 116.54 5.49 -55.60 | 130.64 9.73 -24.57 | 176.75 16.66 1.70 | 181.41 16.95 1.76 | 150.25 14.53 1.37 | 140.31 13.22 1.24 | 126.59 11.60 1.02 | 119.43 10.34 0.91 | 124.73 5.36 -48.88 |
| INDIAN POINT___2 23530 | 97.06 4.10 -38.25 | 81.63 3.66 -27.20 | 72.55 3.28 -21.80 | 71.41 3.75 -14.13 | 72.68 3.83 -13.29 | 82.92 4.03 -22.17 | 93.21 4.77 -26.45 | 106.50 5.11 -42.01 | 123.03 8.10 -25.94 | 136.36 11.13 1.23 | 150.48 9.83 -36.11 | 137.20 5.69 -73.40 | 131.14 5.10 -75.02 | 118.89 4.03 -74.58 | 110.05 3.98 -65.85 | 115.78 5.32 -55.01 | 129.98 9.34 -24.30 | 176.10 16.02 1.71 | 180.90 16.45 1.77 | 149.69 13.98 1.38 | 139.79 12.71 1.25 | 126.23 11.25 1.03 | 119.09 10.01 0.92 | 124.00 5.15 -48.36 |
| INDIAN POINT___3 23531 | 97.42 4.05 -38.66 | 81.88 3.60 -27.50 | 72.75 3.23 -22.04 | 71.51 3.69 -14.28 | 72.82 3.83 -13.44 | 83.11 3.97 -22.41 | 93.44 4.71 -26.74 | 106.91 5.05 -42.47 | 123.23 8.01 -26.24 | 136.37 11.13 1.23 | 150.80 9.72 -36.53 | 137.97 5.64 -74.22 | 131.93 5.05 -75.86 | 119.68 3.99 -75.41 | 110.74 3.94 -66.57 | 116.34 5.27 -55.63 | 130.17 9.25 -24.59 | 175.94 15.86 1.70 | 180.74 16.29 1.76 | 149.57 13.85 1.37 | 139.67 12.58 1.24 | 126.12 11.14 1.02 | 118.99 9.90 0.91 | 124.47 5.08 -48.90 |
| IP CORINTH___1 23988 | 107.28 2.30 -50.27 | 88.96 2.44 -35.76 | 78.74 2.61 -28.66 | 75.11 3.00 -18.57 | 76.25 3.22 -17.47 | 88.95 3.06 -29.16 | 99.88 2.98 -34.92 | 117.73 2.97 -55.37 | 127.92 4.45 -34.48 | 132.73 7.21 0.95 | 157.08 4.50 -48.05 | 157.20 2.32 -96.77 | 152.26 2.40 -98.85 | 140.28 1.81 -98.18 | 128.29 1.53 -86.54 | 130.44 2.44 -72.55 | 133.10 4.34 -32.43 | 168.89 8.41 1.32 | 173.33 8.48 1.36 | 143.02 6.99 1.06 | 133.41 6.03 0.96 | 120.55 5.34 0.80 | 114.90 5.61 0.70 | 136.69 2.40 -63.80 |
| IP___TICONDEROGA 23804 | 109.54 6.35 -48.48 | 91.65 6.40 -34.48 | 81.48 6.36 -27.64 | 78.57 7.12 -17.91 | 79.90 7.50 -16.85 | 92.22 7.37 -28.12 | 103.20 7.56 -33.66 | 120.73 7.96 -53.38 | 133.59 11.39 -33.21 | 141.54 16.06 0.99 | 162.94 12.13 -46.27 | 157.79 6.39 -93.30 | 151.78 5.46 -95.31 | 139.22 4.27 -94.67 | 127.93 4.26 -83.44 | 131.43 6.04 -69.94 | 138.64 11.08 -31.22 | 179.51 19.09 1.38 | 183.90 19.11 1.42 | 152.02 16.04 1.11 | 140.68 13.35 1.01 | 127.82 12.64 0.83 | 122.35 13.09 0.74 | 138.76 6.77 -61.50 |
| JARVIS____ 23743 | 54.28 0.38 0.81 | 50.55 0.36 0.58 | 47.30 0.28 0.46 | 53.61 0.37 0.30 | 55.66 0.39 0.28 | 56.65 0.40 0.47 | 61.91 0.50 0.57 | 58.97 0.48 0.90 | 89.13 0.71 0.57 | 127.48 1.01 0.00 | 104.59 0.84 0.79 | 57.00 0.46 1.57 | 49.87 0.46 1.60 | 39.05 0.36 1.59 | 39.15 0.32 1.40 | 54.71 0.44 1.18 | 96.57 0.77 0.53 | 163.09 1.29 0.00 | 167.54 1.33 0.00 | 138.33 1.23 0.00 | 129.37 1.03 0.00 | 116.94 0.93 0.00 | 110.88 0.88 0.00 | 70.02 0.56 1.04 |
| JENNISON___1 23625 | 70.60 2.57 -13.32 | 62.63 2.39 -9.47 | 57.01 1.95 -7.59 | 60.76 2.30 -4.92 | 62.57 2.39 -4.63 | 67.04 2.72 -7.59 | 73.49 3.22 -8.28 | 76.06 3.03 -13.64 | 100.62 4.98 -6.66 | 129.10 7.21 4.58 | 119.97 6.27 -9.16 | 85.68 3.54 -24.03 | 79.09 3.16 -24.91 | 67.89 2.34 -25.28 | 64.68 2.21 -22.24 | 76.31 2.99 -17.87 | 106.77 4.91 -5.53 | 165.47 10.03 6.36 | 170.29 10.64 6.55 | 140.47 8.50 5.12 | 131.14 7.44 4.64 | 118.08 5.92 3.84 | 111.22 4.62 3.39 | 89.36 3.45 -15.41 |
| JENNISON___2 23626 | 70.54 2.52 -13.32 | 62.58 2.34 -9.47 | 56.97 1.90 -7.59 | 60.70 2.25 -4.92 | 62.51 2.33 -4.63 | 66.93 2.61 -7.59 | 73.43 3.16 -8.28 | 76.00 2.97 -13.64 | 100.45 4.81 -6.66 | 128.97 7.08 4.58 | 119.77 6.06 -9.16 | 85.57 3.43 -24.03 | 79.03 3.11 -24.91 | 67.81 2.26 -25.28 | 64.64 2.17 -22.24 | 76.20 2.88 -17.87 | 106.58 4.72 -5.53 | 165.14 9.71 6.36 | 169.96 10.31 6.55 | 140.20 8.23 5.12 | 130.89 7.19 4.64 | 117.97 5.80 3.84 | 111.11 4.51 3.39 | 89.29 3.38 -15.41 |
| KEDC PORT_JEFF_GT2 24210 | 100.89 7.22 -38.96 | 84.32 5.84 -27.71 | 74.67 4.98 -22.21 | 73.55 5.62 -14.39 | 74.82 5.72 -13.54 | 85.66 6.35 -22.58 | 96.62 7.69 -26.95 | 110.38 8.20 -42.80 | 129.61 13.61 -27.01 | 144.65 18.72 0.54 | 157.89 16.10 -37.24 | 142.93 9.18 -75.65 | 136.71 8.21 -77.48 | 130.40 6.44 -83.67 | 130.39 6.40 -83.77 | 130.73 8.59 -66.69 | 144.46 14.93 -33.19 | 190.10 24.59 -3.71 | 193.42 25.26 -1.94 | 167.98 21.25 -9.64 | 153.00 19.51 -5.15 | 136.48 17.17 -3.30 | 129.47 15.84 -3.63 | 128.58 8.81 -49.28 |
| KEDC PORT_JEFF_GT3 24211 | 100.89 7.22 -38.96 | 84.32 5.84 -27.71 | 74.67 4.98 -22.21 | 73.55 5.62 -14.39 | 74.82 5.72 -13.54 | 85.66 6.35 -22.58 | 96.62 7.69 -26.95 | 110.38 8.20 -42.80 | 129.61 13.61 -27.01 | 144.65 18.72 0.54 | 157.89 16.10 -37.24 | 142.93 9.18 -75.65 | 136.71 8.21 -77.48 | 130.40 6.44 -83.67 | 130.39 6.40 -83.77 | 130.73 8.59 -66.69 | 144.46 14.93 -33.19 | 190.10 24.59 -3.71 | 193.42 25.26 -1.94 | 167.98 21.25 -9.64 | 153.00 19.51 -5.15 | 136.48 17.17 -3.30 | 129.47 15.84 -3.63 | 128.58 8.81 -49.28 |
| KEDC_GLWD_GT4 24219 | 99.26 5.58 -38.97 | 83.21 4.72 -27.71 | 73.82 4.13 -22.21 | 72.64 4.71 -14.40 | 73.93 4.83 -13.54 | 84.47 5.16 -22.58 | 95.07 6.14 -26.95 | 108.79 6.59 -42.81 | 128.71 10.50 -29.22 | 143.29 14.67 -2.15 | 156.31 12.86 -38.91 | 144.34 7.32 -78.92 | 139.05 6.58 -81.45 | 133.80 5.16 -88.37 | 133.80 5.11 -88.47 | 133.72 6.88 -71.40 | 147.57 12.04 -39.19 | 191.27 20.71 -8.77 | 194.35 21.44 -6.70 | 169.90 17.82 -14.98 | 155.77 16.30 -11.13 | 138.74 14.50 -8.23 | 131.68 13.09 -8.60 | 126.90 7.12 -49.29 |
| KEDC_GLWD_GT5 24220 | 99.26 5.58 -38.97 | 83.21 4.72 -27.71 | 73.82 4.13 -22.21 | 72.64 4.71 -14.40 | 73.93 4.83 -13.54 | 84.47 5.16 -22.58 | 95.07 6.14 -26.95 | 108.79 6.59 -42.81 | 128.71 10.50 -29.22 | 143.29 14.67 -2.15 | 156.31 12.86 -38.91 | 144.34 7.32 -78.92 | 139.05 6.58 -81.45 | 133.80 5.16 -88.37 | 133.80 5.11 -88.47 | 133.72 6.88 -71.40 | 147.57 12.04 -39.19 | 191.27 20.71 -8.77 | 194.35 21.44 -6.70 | 169.90 17.82 -14.98 | 155.77 16.30 -11.13 | 138.74 14.50 -8.23 | 131.68 13.09 -8.60 | 126.90 7.12 -49.29 |
| KENSICO____ 23655 | 98.15 4.54 -38.89 | 82.50 4.06 -27.67 | 73.26 3.61 -22.17 | 72.03 4.12 -14.37 | 73.35 4.28 -13.52 | 83.75 4.48 -22.54 | 94.10 5.21 -26.90 | 107.64 5.52 -42.73 | 124.20 8.81 -26.40 | 137.38 12.14 1.22 | 152.07 10.77 -36.76 | 138.93 6.16 -74.66 | 132.89 5.56 -76.31 | 120.53 4.39 -75.86 | 111.56 4.34 -67.00 | 117.23 5.82 -55.96 | 131.28 10.21 -24.74 | 177.57 17.47 1.70 | 182.41 17.95 1.75 | 150.94 15.22 1.37 | 140.96 13.86 1.24 | 127.29 12.30 1.02 | 119.98 10.89 0.91 | 125.40 5.71 -49.19 |
| KIAC_JFK_GT1 23816 | 98.92 5.25 -38.96 | 83.15 4.67 -27.71 | 73.77 4.08 -22.21 | 72.64 4.71 -14.39 | 73.92 4.83 -13.54 | 84.41 5.11 -22.58 | 94.94 6.01 -26.95 | 108.66 6.47 -42.79 | 125.66 10.23 -26.44 | 139.54 14.29 1.22 | 153.90 12.55 -36.82 | 139.87 6.97 -74.80 | 133.43 5.97 -76.45 | 120.82 4.55 -75.99 | 115.39 4.46 -70.70 | 117.89 6.38 -56.07 | 132.69 11.56 -24.80 | 178.55 18.44 1.68 | 183.26 18.78 1.73 | 153.27 17.55 1.37 | 142.39 15.27 1.22 | 129.23 14.04 0.82 | 121.74 12.65 0.91 | 126.67 6.91 -49.27 |
| KIAC_JFK_GT2 23817 | 98.92 5.25 -38.96 | 83.15 4.67 -27.71 | 73.77 4.08 -22.21 | 72.64 4.71 -14.39 | 73.92 4.83 -13.54 | 84.41 5.11 -22.58 | 94.94 6.01 -26.95 | 108.66 6.47 -42.79 | 125.66 10.23 -26.44 | 139.54 14.29 1.22 | 153.90 12.55 -36.82 | 139.87 6.97 -74.80 | 133.43 5.97 -76.45 | 120.82 4.55 -75.99 | 115.39 4.46 -70.70 | 117.89 6.38 -56.07 | 132.69 11.56 -24.80 | 178.55 18.44 1.68 | 183.26 18.78 1.73 | 153.27 17.55 1.37 | 142.39 15.27 1.22 | 129.23 14.04 0.82 | 121.74 12.65 0.91 | 126.67 6.91 -49.27 |

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| KINTIGH____ 23543 | 53.47 -6.24 -4.99 | 48.53 -5.79 -3.55 | 44.77 -5.55 -2.85 | 49.17 -6.21 -1.84 | 50.84 -6.44 -1.74 | 50.71 -6.47 -0.45 | 40.34 -6.88 14.77 | 38.96 -6.53 13.90 | 36.08 -9.61 43.29 | 31.73 -13.15 81.58 | 31.73 -10.45 62.36 | 31.96 -5.81 20.33 | 31.96 -5.00 14.06 | 32.36 -4.15 3.77 | 32.01 -4.14 4.07 | 31.73 -5.71 18.01 | 31.73 -10.12 54.49 | 31.96 -16.50 113.33 | 32.55 -16.79 116.87 | 32.09 -13.71 91.29 | 32.52 -13.09 82.72 | 35.46 -12.06 68.48 | 37.25 -12.21 60.54 | 41.17 -7.61 21.71 |
| LEDERLE____ 23769 | 97.16 4.76 -37.69 | 81.84 4.26 -26.81 | 72.81 3.85 -21.49 | 71.80 4.34 -13.93 | 73.10 4.44 -13.10 | 83.22 4.65 -21.84 | 93.62 5.58 -26.06 | 106.66 5.88 -41.39 | 123.88 9.34 -25.55 | 138.25 13.03 1.24 | 151.63 11.40 -35.69 | 137.19 6.51 -72.57 | 131.06 5.87 -74.18 | 118.61 4.59 -73.74 | 109.85 4.55 -65.08 | 115.94 6.10 -54.39 | 131.04 10.69 -24.01 | 178.67 18.61 1.73 | 183.38 18.95 1.78 | 151.88 16.18 1.39 | 141.71 14.63 1.26 | 127.85 12.88 1.04 | 120.51 11.44 0.92 | 124.21 6.06 -47.65 |
| LINDEN COGEN____ 23786 | 98.15 4.49 -38.96 | 82.54 4.06 -27.71 | 73.29 3.61 -22.21 | 72.16 4.23 -14.39 | 73.48 4.39 -13.54 | 83.90 4.59 -22.58 | 94.32 5.39 -26.95 | 107.94 5.76 -42.79 | 124.50 9.08 -26.44 | 137.89 12.65 1.22 | 153.07 11.71 -36.82 | 139.58 6.68 -74.80 | 133.48 6.02 -76.45 | 121.02 4.75 -75.99 | 115.63 4.71 -70.70 | 117.83 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 183.76 19.28 1.73 | 152.18 16.45 1.37 | 142.13 15.02 1.22 | 128.42 13.22 0.82 | 120.64 11.55 0.91 | 125.90 6.13 -49.27 |
| LIPA_MISC_IPP 23656 | 100.62 6.95 -38.96 | 84.02 5.53 -27.71 | 74.39 4.70 -22.21 | 73.28 5.35 -14.39 | 74.48 5.39 -13.54 | 85.38 6.07 -22.58 | 96.31 7.38 -26.95 | 110.09 7.90 -42.80 | 129.06 13.08 -26.99 | 143.99 18.08 0.56 | 157.24 15.47 -37.23 | 142.55 8.83 -75.62 | 136.36 7.91 -77.44 | 130.11 6.20 -83.63 | 130.35 8.26 -83.73 | 144.01 14.55 -66.64 | 190.21 24.75 -33.13 | 193.54 25.43 -3.66 | 167.79 21.11 -1.90 | 152.81 19.38 -9.59 | 136.32 17.05 -5.09 | 128.98 15.40 -3.26 | 128.30 8.53 -3.58 | 128.30 8.53 -49.28 |
| LITTLE FALLS__HYD 24013 | 58.99 5.09 0.81 | 54.91 4.72 0.58 | 51.33 4.32 0.46 | 58.16 4.93 0.30 | 60.38 5.11 0.28 | 61.53 5.28 0.47 | 67.30 5.89 0.57 | 64.07 5.58 0.90 | 96.87 8.45 0.57 | 138.61 12.14 0.00 | 113.79 10.04 0.79 | 62.05 5.52 1.57 | 54.26 4.85 1.60 | 42.48 3.79 1.59 | 42.60 3.78 1.40 | 59.43 5.16 1.18 | 104.85 9.06 0.53 | 177.49 15.69 0.00 | 182.33 16.12 0.00 | 150.39 13.30 0.00 | 140.66 12.32 0.00 | 127.03 11.02 0.00 | 120.23 10.23 0.00 | 76.15 6.70 1.04 |
| LI_NEWBRDGE__DRP 323616 | 99.36 5.69 -38.96 | 83.05 4.57 -27.71 | 73.58 3.89 -22.21 | 72.37 4.44 -14.39 | 73.59 4.50 -13.54 | 84.30 4.99 -22.58 | 94.95 6.01 -26.95 | 108.72 6.53 -42.80 | 126.24 10.68 -26.57 | 140.07 14.67 1.07 | 154.11 12.65 -36.92 | 140.37 7.26 -75.00 | 134.24 6.53 -76.69 | 128.06 5.03 -82.75 | 128.06 4.99 -82.85 | 127.92 6.71 -65.76 | 140.00 11.66 -32.01 | 184.73 20.22 -2.71 | 187.99 20.78 -1.00 | 162.95 17.27 -8.58 | 148.09 15.79 -3.97 | 132.38 14.04 -2.33 | 125.51 12.87 -2.65 | 126.96 7.19 -49.27 |
| LONG_LAKE_PHOENIX 24014 | 56.38 -1.26 -2.93 | 51.63 -1.22 -2.08 | 47.96 -1.19 -1.67 | 53.28 -1.34 -1.08 | 55.18 -1.39 -1.02 | 57.12 -1.30 -1.70 | 62.67 -1.36 -2.05 | 61.09 -1.54 -3.24 | 88.80 -2.22 -2.04 | 123.31 -3.16 0.00 | 104.98 -2.40 -2.84 | 62.54 -1.22 -5.66 | 55.77 -1.02 -5.77 | 45.12 -0.89 -5.73 | 44.35 -0.93 -5.05 | 58.36 -1.33 -4.24 | 95.66 -2.60 -1.93 | 158.07 -3.72 0.00 | 162.55 -3.66 0.00 | 134.08 -3.02 0.00 | 125.39 -2.95 0.00 | 112.99 -3.02 0.00 | 107.03 -2.97 0.00 | 72.96 -1.27 -3.74 |
| LOVETT__3 23632 | 96.35 3.78 -37.86 | 81.05 3.35 -26.93 | 72.05 2.99 -21.58 | 70.95 3.43 -13.99 | 72.21 3.50 -13.16 | 82.36 3.69 -21.94 | 92.56 4.40 -26.18 | 105.66 4.69 -41.58 | 122.13 7.47 -25.67 | 135.47 10.24 1.24 | 149.50 9.10 -35.86 | 136.24 5.23 -72.90 | 130.22 4.69 -74.51 | 118.06 3.71 -74.08 | 109.27 3.66 -65.38 | 114.96 4.88 -54.64 | 129.13 8.67 -24.13 | 174.79 14.72 1.72 | 179.56 15.13 1.78 | 148.59 12.89 1.39 | 138.89 11.81 1.26 | 125.30 10.32 1.04 | 118.21 9.13 0.92 | 123.01 4.65 -47.87 |
| LOVETT__4 23642 | 96.75 4.16 -37.88 | 81.42 3.71 -26.94 | 72.39 3.32 -21.59 | 71.33 3.80 -13.99 | 72.60 3.89 -13.16 | 82.76 4.08 -21.95 | 93.01 4.83 -26.19 | 106.09 5.11 -41.59 | 122.76 8.10 -25.68 | 136.48 11.26 1.24 | 150.24 9.83 -35.87 | 136.73 5.69 -72.93 | 130.66 5.10 -74.54 | 118.41 4.03 -74.11 | 109.62 3.98 -65.41 | 115.43 5.32 -54.66 | 129.82 9.34 -24.14 | 176.25 16.18 1.72 | 180.89 16.45 1.78 | 149.69 13.98 1.39 | 139.92 12.83 1.26 | 126.22 11.25 1.04 | 119.09 10.01 0.92 | 123.53 5.15 -47.89 |
| LOVETT__5 23593 | 96.75 4.16 -37.88 | 81.42 3.71 -26.94 | 72.39 3.32 -21.59 | 71.33 3.80 -13.99 | 72.60 3.89 -13.16 | 82.76 4.08 -21.95 | 93.01 4.83 -26.19 | 106.09 5.11 -41.59 | 122.76 8.10 -25.68 | 136.48 11.26 1.24 | 150.24 9.83 -35.87 | 136.73 5.69 -72.93 | 130.66 5.10 -74.54 | 118.41 4.03 -74.11 | 109.62 3.98 -65.41 | 115.43 5.32 -54.66 | 129.82 9.34 -24.14 | 176.25 16.18 1.72 | 180.89 16.45 1.78 | 149.69 13.98 1.39 | 139.92 12.83 1.26 | 126.22 11.25 1.04 | 119.09 10.01 0.92 | 123.53 5.15 -47.89 |
| LOWER RAQUET__HYD 24057 | 54.44 -0.27 0.00 | 50.62 -0.15 0.00 | 47.24 -0.24 0.00 | 53.16 -0.37 0.00 | 55.16 -0.39 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.32 -1.07 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.61 -0.41 0.00 | 39.96 -0.32 0.00 | 39.90 -0.32 0.00 | 55.11 -0.33 0.00 | 94.89 -1.45 0.00 | 159.69 -2.10 0.00 | 163.88 -2.33 0.00 | 134.76 -2.33 0.00 | 127.18 -1.16 0.00 | 114.85 -1.16 0.00 | 109.01 -0.99 0.00 | 69.93 -0.56 0.00 |
| LOWER__HUDSON 24059 | 108.22 4.16 -49.36 | 89.94 4.06 -35.11 | 79.50 3.89 -28.14 | 76.16 4.39 -18.23 | 77.26 4.56 -17.15 | 89.95 4.59 -28.62 | 101.09 4.83 -34.27 | 118.50 4.75 -54.36 | 129.67 6.85 -33.83 | 135.49 9.99 0.97 | 159.42 7.74 -47.14 | 157.29 4.18 -95.00 | 151.69 3.62 -97.05 | 139.50 2.82 -96.40 | 128.00 2.82 -84.96 | 130.72 4.05 -71.22 | 135.28 7.13 -31.82 | 172.10 11.65 1.35 | 176.62 11.80 1.39 | 145.88 9.87 1.08 | 135.83 8.47 0.98 | 122.85 7.66 0.81 | 117.20 7.92 0.72 | 137.56 4.44 -62.63 |
| LWR__OSWEGATCHIE_HYD 23850 | 55.04 0.33 0.00 | 51.07 0.30 0.00 | 47.62 0.14 0.00 | 53.64 0.11 0.00 | 55.61 0.06 0.00 | 57.01 0.28 0.00 | 62.11 0.12 0.00 | 59.15 -0.24 0.00 | 88.90 -0.09 0.00 | 126.72 0.25 0.00 | 105.38 0.84 0.00 | 58.63 0.52 0.00 | 51.48 0.46 0.00 | 40.56 0.28 0.00 | 40.51 0.28 0.00 | 55.83 0.39 0.00 | 96.24 -0.10 0.00 | 162.76 0.97 0.00 | 167.21 1.00 0.00 | 137.50 0.41 0.00 | 129.24 0.90 0.00 | 116.36 0.35 0.00 | 110.00 0.00 0.00 | 70.92 0.42 0.00 |
| LYONS_FALL_HYD 23570 | 55.37 0.66 0.00 | 51.33 0.56 0.00 | 47.85 0.38 0.00 | 53.96 0.43 0.00 | 56.00 0.44 0.00 | 57.35 0.62 0.00 | 62.67 0.68 0.00 | 59.92 0.53 0.00 | 90.05 1.07 0.00 | 128.24 1.77 0.00 | 106.42 1.88 0.00 | 59.15 1.05 0.00 | 51.99 0.97 0.00 | 40.96 0.68 0.00 | 40.83 0.60 0.00 | 56.28 0.83 0.00 | 97.39 1.06 0.00 | 164.70 2.91 0.00 | 169.37 3.16 0.00 | 139.42 2.33 0.00 | 130.52 2.18 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 71.48 0.99 0.00 |
| MADISON__COUNTY_LFGE 323628 | 56.66 0.71 -1.23 | 52.31 0.66 -0.88 | 48.65 0.47 -0.70 | 54.53 0.54 -0.46 | 56.59 0.61 -0.43 | 58.18 0.74 -0.72 | 63.72 0.87 -0.86 | 61.47 0.71 -1.37 | 91.09 1.25 -0.86 | 128.36 1.90 0.00 | 107.62 1.88 -1.20 | 61.59 1.10 -2.39 | 54.47 1.02 -2.44 | 43.42 0.73 -2.42 | 43.04 0.68 -2.13 | 58.12 0.89 -1.79 | 98.40 1.25 -0.81 | 164.87 3.07 0.00 | 169.54 3.32 0.00 | 139.70 2.60 0.00 | 130.52 2.18 0.00 | 117.63 1.62 0.00 | 110.99 0.99 0.00 | 73.20 1.13 -1.58 |
| MAPLE RIDGE_WT_1 323574 | 52.37 -0.38 1.96 | 49.02 -0.36 1.40 | 46.02 -0.33 1.12 | 52.49 -0.32 0.73 | 54.59 -0.28 0.68 | 55.36 -0.23 1.14 | 60.30 -0.31 1.37 | 56.86 -0.36 2.17 | 87.08 -0.53 1.37 | 125.58 -0.89 0.00 | 101.80 -0.84 1.90 | 53.79 -0.52 3.79 | 46.69 -0.46 3.87 | 36.08 -0.36 3.84 | 36.52 -0.32 3.38 | 52.22 -0.39 2.84 | 94.37 -0.67 1.29 | 160.82 -0.97 0.00 | 165.38 -0.83 0.00 | 136.41 -0.69 0.00 | 127.83 -0.51 0.00 | 115.54 -0.46 0.00 | 109.56 -0.44 0.00 | 67.78 -0.21 2.50 |

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| MAPLE RIDGE_WT_2 323611 | 52.37 -0.38 1.96 | 49.02 -0.36 1.40 | 46.02 -0.33 1.12 | 52.49 -0.32 0.73 | 54.59 -0.28 0.68 | 55.36 -0.23 1.14 | 60.30 -0.31 1.37 | 56.86 -0.36 2.17 | 87.08 -0.53 1.37 | 125.58 -0.89 0.00 | 101.80 -0.84 1.90 | 53.79 -0.52 3.79 | 46.69 -0.46 3.87 | 36.08 -0.36 3.84 | 36.52 -0.32 3.38 | 52.22 -0.39 2.84 | 94.37 -0.67 1.29 | 160.82 -0.97 0.00 | 165.38 -0.83 0.00 | 136.41 -0.69 0.00 | 127.83 -0.51 0.00 | 115.54 -0.46 0.00 | 109.56 -0.44 0.00 | 67.78 -0.21 2.50 |
| MG INDUSTRY___DRP 24185 | 106.48 2.63 -49.15 | 88.16 2.44 -34.96 | 77.77 2.28 -28.02 | 74.26 2.57 -18.16 | 75.30 2.67 -17.08 | 87.95 2.72 -28.50 | 99.15 3.04 -34.12 | 116.48 2.97 -54.12 | 127.03 4.36 -33.69 | 131.69 6.20 0.97 | 156.61 5.12 -46.95 | 155.62 2.91 -94.61 | 150.22 2.55 -96.65 | 138.30 2.01 -96.00 | 126.85 2.01 -84.62 | 129.15 2.77 -70.93 | 132.74 4.72 -31.68 | 168.04 7.60 1.35 | 172.46 7.65 1.39 | 142.58 6.58 1.09 | 133.13 5.78 0.99 | 120.41 5.22 0.82 | 114.45 5.17 0.72 | 135.67 2.82 -62.36 |
| MID___OSWEGATCHIE_HYD 23849 | 55.04 0.33 0.00 | 51.07 0.30 0.00 | 47.62 0.14 0.00 | 53.64 0.11 0.00 | 55.61 0.06 0.00 | 57.01 0.28 0.00 | 62.11 0.12 0.00 | 59.15 -0.24 0.00 | 88.90 -0.09 0.00 | 126.72 0.25 0.00 | 105.38 0.84 0.00 | 58.63 0.52 0.00 | 51.48 0.46 0.00 | 40.56 0.28 0.00 | 40.51 0.28 0.00 | 55.83 0.39 0.00 | 96.24 -0.10 0.00 | 162.76 0.97 0.00 | 167.21 1.00 0.00 | 137.50 0.41 0.00 | 129.24 0.90 0.00 | 116.36 0.35 0.00 | 110.00 0.00 0.00 | 70.92 0.42 0.00 |
| MID___RAQUETTE_HYD 23851 | 54.44 -0.27 0.00 | 50.62 -0.15 0.00 | 47.24 -0.24 0.00 | 53.16 -0.37 0.00 | 55.16 -0.39 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.32 -1.07 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.61 -0.41 0.00 | 39.96 -0.32 0.00 | 39.90 -0.32 0.00 | 55.11 -0.33 0.00 | 94.89 -1.45 0.00 | 159.69 -2.10 0.00 | 163.88 -2.33 0.00 | 134.76 -2.33 0.00 | 127.18 -1.16 0.00 | 114.85 -1.16 0.00 | 109.01 -0.99 0.00 | 69.93 -0.56 0.00 |
| MILLIKEN___1 23584 | 58.66 -2.84 -6.79 | 53.01 -2.59 -4.83 | 48.78 -2.56 -3.87 | 53.15 -2.89 -2.51 | 54.97 -2.94 -2.36 | 57.73 -2.89 -3.90 | 63.52 -2.91 -4.44 | 63.73 -2.85 -7.19 | 88.85 -4.09 -3.96 | 119.18 -5.94 1.34 | 105.43 -4.60 -5.48 | 68.28 -2.44 -12.62 | 61.96 -2.04 -12.99 | 51.60 -1.73 -13.05 | 49.95 -1.77 -11.49 | 62.37 -2.50 -9.42 | 95.23 -4.62 -3.52 | 152.97 -6.96 1.87 | 157.31 -6.98 1.93 | 129.83 -5.76 1.50 | 121.20 -5.78 1.36 | 109.31 -5.57 1.13 | 103.17 -5.83 1.00 | 75.38 -3.31 -8.20 |
| MILLIKEN___2 23585 | 58.66 -2.84 -6.79 | 53.01 -2.59 -4.83 | 48.78 -2.56 -3.87 | 53.15 -2.89 -2.51 | 54.97 -2.94 -2.36 | 57.73 -2.89 -3.90 | 63.52 -2.91 -4.44 | 63.73 -2.85 -7.19 | 88.85 -4.09 -3.96 | 119.18 -5.94 1.34 | 105.43 -4.60 -5.48 | 68.28 -2.44 -12.62 | 61.96 -2.04 -12.99 | 51.60 -1.73 -13.05 | 49.95 -1.77 -11.49 | 62.37 -2.50 -9.42 | 95.23 -4.62 -3.52 | 152.97 -6.96 1.87 | 157.31 -6.98 1.93 | 129.83 -5.76 1.50 | 121.20 -5.78 1.36 | 109.31 -5.57 1.13 | 103.17 -5.83 1.00 | 75.38 -3.31 -8.20 |
| MILLIKEN___DIESEL 23629 | 58.66 -2.84 -6.79 | 53.01 -2.59 -4.83 | 48.78 -2.56 -3.87 | 53.15 -2.89 -2.51 | 54.97 -2.94 -2.36 | 57.73 -2.89 -3.90 | 63.52 -2.91 -4.44 | 63.73 -2.85 -7.19 | 88.85 -4.09 -3.96 | 119.18 -5.94 1.34 | 105.43 -4.60 -5.48 | 68.28 -2.44 -12.62 | 61.96 -2.04 -12.99 | 51.60 -1.73 -13.05 | 49.95 -1.77 -11.49 | 62.37 -2.50 -9.42 | 95.23 -4.62 -3.52 | 152.97 -6.96 1.87 | 157.31 -6.98 1.93 | 129.83 -5.76 1.50 | 121.20 -5.78 1.36 | 109.31 -5.57 1.13 | 103.17 -5.83 1.00 | 75.38 -3.31 -8.20 |
| MILLSEAT___LFGE 323607 | 55.23 -4.87 -5.39 | 50.13 -4.47 -3.83 | 46.13 -4.42 -3.07 | 50.71 -4.82 -1.99 | 52.48 -4.94 -1.87 | 55.35 -4.94 -3.55 | 63.85 -5.08 -6.95 | 63.93 -4.81 -9.35 | 94.15 -6.76 -11.92 | 131.61 -9.11 -14.25 | 114.61 -6.90 -16.97 | 69.79 -3.95 -15.64 | 62.44 -3.37 -14.79 | 50.31 -2.86 -12.90 | 48.79 -2.94 -11.50 | 63.72 -3.94 -12.21 | 102.75 -7.23 -13.64 | 170.75 -10.84 -19.79 | 175.82 -10.80 -20.41 | 143.71 -9.32 -15.94 | 134.19 -8.60 -14.45 | 119.73 -8.24 -11.96 | 111.55 -9.02 -10.57 | 76.49 -5.78 -11.77 |
| MODEL_CITY_ENERGY 24167 | 54.41 -5.96 -5.66 | 49.31 -5.48 -4.03 | 45.34 -5.36 -3.23 | 49.68 -5.94 -2.09 | 51.35 -6.17 -1.97 | 51.51 -6.18 -0.97 | 42.07 -6.57 13.34 | 40.96 -6.30 12.14 | 39.45 -9.17 40.37 | 36.53 -12.65 77.29 | 36.54 -9.83 58.17 | 35.12 -5.52 17.47 | 34.79 -4.74 11.48 | 34.62 -3.91 1.75 | 33.99 -3.98 2.25 | 34.30 -5.43 15.71 | 35.60 -9.73 51.01 | 39.06 -15.37 107.36 | 40.03 -15.46 110.72 | 37.45 -13.16 86.48 | 37.78 -12.19 78.37 | 39.76 -11.37 64.88 | 40.88 -11.77 57.35 | 43.78 -7.33 19.38 |
| MODERN_LFGE___ 323580 | 54.41 -5.96 -5.66 | 49.31 -5.48 -4.03 | 45.34 -5.36 -3.23 | 49.68 -5.94 -2.09 | 51.35 -6.17 -1.97 | 51.51 -6.18 -0.97 | 42.07 -6.57 13.34 | 40.96 -6.30 12.14 | 39.45 -9.17 40.37 | 36.53 -12.65 77.29 | 36.54 -9.83 58.17 | 35.12 -5.52 17.47 | 34.79 -4.74 11.48 | 34.62 -3.91 1.75 | 33.99 -3.98 2.25 | 34.30 -5.43 15.71 | 35.60 -9.73 51.01 | 39.06 -15.37 107.36 | 40.03 -15.46 110.72 | 37.45 -13.16 86.48 | 37.78 -12.19 78.37 | 39.76 -11.37 64.88 | 40.88 -11.77 57.35 | 43.78 -7.33 19.38 |
| MOHAWK_PAPER___DRP 24187 | 108.63 3.56 -50.36 | 89.99 3.40 -35.82 | 79.41 3.23 -28.71 | 75.78 3.64 -18.61 | 76.83 3.78 -17.50 | 89.79 3.86 -29.21 | 101.12 4.15 -34.98 | 118.79 3.92 -55.48 | 129.23 5.70 -34.55 | 133.87 8.35 0.94 | 159.27 6.59 -48.14 | 158.67 3.60 -96.96 | 153.17 3.11 -99.04 | 141.11 2.46 -98.38 | 129.38 2.45 -86.71 | 131.63 3.49 -72.69 | 134.90 6.07 -32.50 | 170.19 9.71 1.31 | 174.66 9.81 1.35 | 144.26 8.23 1.06 | 134.44 7.06 0.96 | 121.60 6.38 0.79 | 115.79 6.49 0.70 | 138.15 3.74 -63.92 |
| MONGAUP___HYD 23641 | 95.55 5.09 -35.75 | 80.82 4.62 -25.43 | 72.04 4.18 -20.38 | 71.46 4.71 -13.21 | 72.81 4.83 -12.43 | 82.55 5.11 -20.72 | 92.70 6.01 -24.70 | 104.98 6.35 -39.24 | 123.31 10.14 -24.18 | 139.86 14.67 1.28 | 150.57 12.44 -33.59 | 133.57 7.03 -68.43 | 127.29 6.33 -69.95 | 114.75 4.91 -69.56 | 106.31 4.79 -61.30 | 113.33 6.60 -51.28 | 130.28 11.37 -22.58 | 180.24 20.22 1.78 | 184.66 20.28 1.83 | 152.94 17.27 1.43 | 142.44 15.40 1.30 | 128.51 13.57 1.07 | 121.15 12.10 0.95 | 122.22 6.56 -45.17 |
| MONTAUK___DIESEL 23721 | 103.96 10.29 -38.96 | 86.96 8.48 -27.71 | 77.09 7.41 -22.21 | 76.23 8.30 -14.39 | 77.65 8.56 -13.54 | 88.78 9.47 -22.58 | 100.28 11.34 -26.95 | 114.07 11.88 -42.80 | 135.20 19.22 -26.99 | 152.97 27.06 0.56 | 164.77 23.00 -37.23 | 146.63 12.90 -75.62 | 139.84 11.38 -77.45 | 132.86 8.94 -83.64 | 132.85 8.89 -83.74 | 134.19 12.09 -66.65 | 151.54 22.06 -33.14 | 203.97 38.51 -3.67 | 207.84 39.72 -1.90 | 179.59 32.90 -9.59 | 163.86 30.42 -5.10 | 145.14 25.87 -3.26 | 136.25 22.66 -3.59 | 132.60 12.83 -49.28 |
| MUNSVILLE_WIND_PWR 323609 | 69.85 3.67 -11.47 | 62.33 3.40 -8.16 | 56.82 2.80 -6.54 | 61.09 3.32 -4.24 | 63.04 3.50 -3.99 | 67.19 3.91 -6.55 | 73.67 4.52 -7.16 | 75.45 4.28 -11.78 | 101.82 7.03 -5.81 | 133.02 10.37 3.81 | 121.43 8.89 -8.00 | 83.85 5.00 -20.75 | 77.00 4.49 -21.50 | 65.34 3.26 -21.80 | 62.50 3.10 -19.18 | 75.10 4.21 -15.44 | 108.12 6.94 -4.85 | 170.89 14.40 5.30 | 176.04 15.29 5.46 | 144.89 12.06 4.27 | 135.00 10.52 3.87 | 121.28 8.47 3.20 | 113.66 6.49 2.83 | 88.89 5.08 -13.32 |
| N SALMON___HYD 24042 | 54.98 0.27 0.00 | 51.12 0.36 0.00 | 47.71 0.24 0.00 | 53.91 0.37 0.00 | 56.05 0.50 0.00 | 57.41 0.68 0.00 | 62.42 0.43 0.00 | 59.75 0.36 0.00 | 89.88 0.89 0.00 | 128.11 1.64 0.00 | 106.32 1.78 0.00 | 59.15 1.05 0.00 | 51.73 0.71 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.39 1.06 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.66 0.66 0.00 | 70.63 0.14 0.00 |
| N.E. GEN_SANDY PD 24062 | 103.50 3.83 -44.96 | 86.35 3.60 -31.98 | 76.52 3.42 -25.63 | 74.00 3.85 -16.61 | 75.18 4.00 -15.62 | 86.82 4.03 -26.07 | 97.56 4.40 -31.17 | 113.49 4.63 -49.47 | 126.64 6.94 -30.71 | 135.00 9.61 1.08 | 155.26 7.95 -42.77 | 148.97 4.42 -86.45 | 143.22 3.88 -88.33 | 131.10 3.06 -87.76 | 120.63 3.06 -77.35 | 123.85 4.10 -64.30 | 133.00 7.32 -29.34 | 172.27 11.97 1.50 | 176.80 12.13 1.54 | 146.31 10.42 1.21 | 136.23 8.98 1.09 | 123.34 8.24 0.90 | 117.23 8.03 0.80 | 131.70 4.23 -56.98 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|
| NARROWS_GT1_1 24228 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_2 24229 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_3 24230 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_4 24231 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_5 24232 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_6 24233 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_7 24234 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT1_8 24235 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_1 24236 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_2 24237 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_3 24238 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_4 24239 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_5 24240 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_6 24241 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_7 24242 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NARROWS_GT2_8 24243 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |

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| NEG CAPITAL___MECHNVIL 23645 | 108.77 4.60 -49.46 | 90.47 4.52 -35.18 | 79.99 4.32 -28.20 | 76.68 4.87 -18.27 | 77.85 5.11 -17.19 | 90.58 5.16 -28.69 | 101.72 5.39 -34.35 | 119.03 5.17 -54.48 | 130.55 7.65 -33.91 | 137.01 11.51 0.97 | 160.57 8.78 -47.25 | 158.02 4.71 -95.21 | 152.36 4.08 -97.26 | 140.07 3.18 -96.61 | 128.51 3.14 -85.15 | 131.48 4.66 -71.38 | 136.41 8.19 -31.89 | 174.36 13.91 1.34 | 178.95 14.13 1.38 | 147.66 11.65 1.08 | 137.50 10.14 0.98 | 124.25 9.05 0.81 | 118.41 9.13 0.72 | 138.33 5.08 -62.76 |
| NEG CENTRAL_HIGH_ACRES 23767 | 55.16 -3.88 -4.33 | 50.19 -3.66 -3.08 | 46.43 -3.51 -2.47 | 51.23 -3.91 -1.60 | 53.06 -4.00 -1.50 | 55.51 -3.91 -2.70 | 62.32 -4.09 -4.43 | 61.81 -3.86 -6.28 | 90.08 -5.52 -6.61 | 125.15 -7.59 -6.27 | 108.06 -5.85 -9.37 | 65.46 -3.31 -10.66 | 58.58 -2.81 -10.37 | 47.45 -2.34 -9.51 | 46.29 -2.37 -8.44 | 60.44 -3.22 -8.21 | 97.65 -5.97 -7.29 | 161.44 -9.06 -8.71 | 166.05 -9.14 -8.98 | 136.43 11.65 -7.02 | 127.51 -7.19 -6.36 | 114.43 -6.84 -5.26 | 107.39 -7.26 -4.65 | 73.66 -4.51 -7.68 |
| NEG CENTRAL___DRP 24199 | 57.90 -1.53 -4.72 | 52.91 -1.22 -3.36 | 48.93 -1.23 -2.69 | 53.89 -1.39 -1.74 | 55.75 -1.44 -1.64 | 58.11 -1.42 -2.80 | 64.50 -1.24 -3.75 | 63.85 -1.25 -5.71 | 91.84 -1.60 -4.45 | 126.22 -2.28 -2.03 | 109.13 -1.67 -6.26 | 67.21 -0.76 -9.87 | 60.31 -0.61 -9.90 | 49.33 -0.52 -9.57 | 48.12 -0.56 -8.46 | 61.97 -0.94 -7.47 | 98.86 -2.02 -4.55 | 162.35 -2.27 -2.82 | 167.12 -1.99 -2.91 | 137.44 -1.92 -2.27 | 128.47 -1.93 -2.06 | 115.39 -2.32 -1.70 | 108.64 -2.86 -1.51 | 75.81 -1.41 -6.72 |
| NEG CENTRAL___INDECK 23768 | 59.55 -1.42 -6.26 | 54.01 -1.22 -4.46 | 49.72 -1.33 -3.57 | 54.46 -1.39 -2.31 | 56.40 -1.33 -2.18 | 59.37 -1.13 -3.78 | 66.73 -0.68 -5.42 | 66.84 -0.59 -8.04 | 95.68 -0.36 -7.05 | 131.02 -0.13 -4.68 | 115.00 0.52 -9.93 | 72.15 0.23 -13.82 | 65.09 0.36 -13.72 | 53.26 -0.04 -13.03 | 51.63 -0.12 -11.52 | 65.80 -0.17 -10.52 | 103.10 -0.67 -7.44 | 168.94 0.65 -6.50 | 173.91 1.00 -6.70 | 142.74 0.41 -5.23 | 133.59 0.51 -4.74 | 119.59 -0.35 -3.93 | 111.60 -1.87 -3.47 | 78.97 -1.13 -9.60 |
| NEG CENTRAL___SENECA 23627 | 58.36 -1.59 -5.23 | 53.33 -1.17 -3.72 | 49.22 -1.23 -2.98 | 54.13 -1.34 -1.93 | 55.98 -1.39 -1.82 | 58.37 -1.47 -3.12 | 65.03 -1.18 -4.23 | 64.66 -1.13 -6.40 | 92.67 -1.42 -5.11 | 127.12 -1.90 -2.55 | 110.47 -1.25 -7.18 | 68.57 -0.58 -11.04 | 61.62 -0.46 -11.06 | 50.57 -0.36 -10.66 | 49.20 -0.44 -9.42 | 62.93 -0.89 -8.37 | 99.75 -1.83 -5.25 | 163.55 -1.78 -3.54 | 168.36 -1.50 -3.65 | 138.43 -1.51 -2.85 | 129.38 -1.54 -2.58 | 116.06 -2.09 -2.14 | 108.92 -2.97 -1.89 | 76.50 -1.55 -7.55 |
| NEG CENTRAL___STATE_STREET 24147 | 58.68 -0.77 -4.73 | 53.53 -0.61 -3.37 | 49.56 -0.62 -2.70 | 54.54 -0.75 -1.75 | 56.48 -0.72 -1.65 | 58.90 -0.62 -2.80 | 65.29 -0.37 -3.67 | 64.66 -0.36 -5.63 | 92.96 -0.27 -4.24 | 127.60 -0.51 -1.64 | 110.38 -0.10 -5.94 | 67.96 0.12 -9.74 | 61.03 0.20 -9.81 | 49.85 0.04 -9.53 | 48.64 0.00 -8.41 | 62.75 -0.06 -7.36 | 100.13 -0.48 -4.27 | 164.39 0.32 -2.27 | 169.22 0.66 -2.34 | 139.06 0.14 -1.83 | 130.13 0.13 -1.66 | 116.92 -0.46 -1.37 | 110.00 -1.21 -1.21 | 76.74 -0.35 -6.60 |
| NEG MILLWOOD___DRP 24198 | 99.56 5.03 -39.81 | 83.40 4.32 -28.32 | 74.06 3.89 -22.70 | 72.63 4.39 -14.71 | 73.94 4.56 -13.84 | 84.57 4.76 -23.08 | 95.05 5.52 -27.55 | 109.01 5.88 -43.74 | 125.38 9.34 -27.05 | 139.05 13.78 1.20 | 154.05 11.92 -37.58 | 141.13 6.74 -76.29 | 135.00 6.02 -77.96 | 122.44 4.67 -77.49 | 113.07 4.55 -68.30 | 118.83 6.21 -57.18 | 132.43 10.79 -25.30 | 179.21 19.09 1.67 | 183.94 19.45 1.72 | 152.20 16.45 1.35 | 142.14 15.02 1.22 | 128.34 13.34 1.01 | 120.77 11.66 0.89 | 126.99 6.13 -50.37 |
| NEG NORTH_FLCN_SEA 23793 | 55.26 0.55 0.00 | 51.38 0.61 0.00 | 48.04 0.57 0.00 | 54.28 0.75 0.00 | 56.33 0.78 0.00 | 57.63 0.91 0.00 | 62.67 0.68 0.00 | 59.98 0.59 0.00 | 90.14 1.16 0.00 | 128.24 1.77 0.00 | 106.22 1.67 0.00 | 59.03 0.93 0.00 | 51.73 0.71 0.00 | 40.80 0.52 0.00 | 40.79 0.56 0.00 | 56.33 0.89 0.00 | 97.59 1.25 0.00 | 164.22 2.43 0.00 | 168.54 2.33 0.00 | 138.60 1.51 0.00 | 130.14 1.80 0.00 | 117.52 1.51 0.00 | 111.10 1.10 0.00 | 70.99 0.49 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 54.16 -0.55 0.00 | 50.36 -0.41 0.00 | 47.09 -0.38 0.00 | 53.16 -0.37 0.00 | 55.22 -0.33 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.74 -0.65 0.00 | 88.19 -0.80 0.00 | 125.45 -1.01 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.51 -0.51 0.00 | 39.92 -0.36 0.00 | 39.86 -0.36 0.00 | 55.06 -0.39 0.00 | 95.47 -0.87 0.00 | 160.50 -1.29 0.00 | 164.72 -1.50 0.00 | 135.45 -1.65 0.00 | 127.18 -1.16 0.00 | 115.08 -0.93 0.00 | 108.79 -1.21 0.00 | 69.51 -0.99 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 55.09 0.38 0.00 | 51.23 0.46 0.00 | 47.85 0.38 0.00 | 54.07 0.54 0.00 | 56.16 0.61 0.00 | 57.52 0.79 0.00 | 62.54 0.56 0.00 | 59.87 0.48 0.00 | 89.96 0.98 0.00 | 128.24 1.77 0.00 | 106.22 1.67 0.00 | 59.03 0.93 0.00 | 51.68 0.66 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.49 1.16 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 70.77 0.28 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 55.09 0.38 0.00 | 51.23 0.46 0.00 | 47.85 0.38 0.00 | 54.07 0.54 0.00 | 56.16 0.61 0.00 | 57.52 0.79 0.00 | 62.54 0.56 0.00 | 59.87 0.48 0.00 | 89.96 0.98 0.00 | 128.24 1.77 0.00 | 106.22 1.67 0.00 | 59.03 0.93 0.00 | 51.68 0.66 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.49 1.16 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 70.77 0.28 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 55.09 0.38 0.00 | 51.23 0.46 0.00 | 47.85 0.38 0.00 | 54.07 0.54 0.00 | 56.16 0.61 0.00 | 57.52 0.79 0.00 | 62.54 0.56 0.00 | 59.87 0.48 0.00 | 89.96 0.98 0.00 | 128.24 1.77 0.00 | 106.22 1.67 0.00 | 59.03 0.93 0.00 | 51.68 0.66 0.00 | 40.80 0.52 0.00 | 40.75 0.52 0.00 | 56.28 0.83 0.00 | 97.49 1.16 0.00 | 164.06 2.27 0.00 | 168.54 2.33 0.00 | 138.46 1.37 0.00 | 130.01 1.67 0.00 | 117.40 1.39 0.00 | 110.77 0.77 0.00 | 70.77 0.28 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 54.46 -5.85 -5.60 | 49.37 -5.38 -3.98 | 45.45 -5.22 -3.19 | 49.77 -5.84 -2.07 | 51.50 -6.00 -1.95 | 51.57 -6.07 -0.91 | 42.03 -6.38 13.57 | 40.87 -6.12 12.40 | 39.19 -8.90 40.89 | 36.19 -12.14 78.14 | 36.10 -9.51 58.93 | 34.92 -5.29 17.89 | 34.58 -4.59 11.85 | 34.48 -3.79 2.01 | 33.87 -3.86 2.49 | 34.12 -5.27 16.06 | 35.24 -9.44 51.65 | 38.53 -14.72 108.54 | 39.31 -14.96 111.94 | 37.05 -12.61 87.43 | 37.43 -11.68 79.23 | 39.40 -11.02 65.59 | 40.58 -11.44 57.98 | 43.63 -7.12 19.75 |
| NEG WEST___LANCASTER 23811 | 56.07 -5.42 -6.77 | 50.66 -4.92 -4.82 | 46.59 -4.75 -3.86 | 50.74 -5.30 -2.50 | 52.41 -5.50 -2.35 | 53.13 -5.56 -1.97 | 46.52 -5.52 9.95 | 45.74 -5.52 8.13 | 48.17 -7.92 32.90 | 49.97 -10.88 65.62 | 48.49 -8.57 47.48 | 42.31 -4.76 11.03 | 41.01 -4.13 5.87 | 39.25 -3.38 -2.36 | 38.24 -3.46 -1.48 | 40.13 -4.82 10.49 | 45.75 -8.57 42.01 | 57.54 -13.11 91.15 | 59.25 -12.96 94.00 | 52.43 -11.24 73.42 | 51.54 -10.27 66.53 | 50.84 -10.09 55.08 | 50.64 -10.67 48.69 | 50.00 -6.56 13.94 |
| NEG_PENN_ALLEGHNY 23528 | 67.73 0.33 -12.69 | 60.15 0.36 -9.03 | 54.95 0.24 -7.24 | 58.49 0.27 -4.69 | 60.30 0.33 -4.41 | 64.29 0.40 -7.16 | 70.11 0.81 -7.32 | 72.38 0.59 -12.39 | 94.93 1.07 -4.88 | 121.07 1.52 6.92 | 112.53 1.36 -6.63 | 80.95 0.87 -21.97 | 74.83 0.82 -23.00 | 64.52 0.56 -23.68 | 61.55 0.52 -20.81 | 72.30 0.61 -16.25 | 100.66 0.87 -3.46 | 154.45 2.27 9.61 | 158.80 2.49 9.91 | 131.27 1.92 7.74 | 123.00 1.67 7.01 | 111.36 1.16 5.81 | 105.42 0.55 5.13 | 84.87 0.56 -13.81 |
| NEG___GEN_MONROE 24207 | 56.18 -3.28 -4.75 | 51.05 -3.10 -3.38 | 47.14 -3.04 -2.71 | 51.97 -3.32 -1.76 | 53.87 -3.33 -1.65 | 56.53 -3.23 -3.04 | 64.20 -3.22 -5.44 | 63.93 -2.97 -7.51 | 93.71 -4.00 -8.73 | 130.61 -5.31 -9.46 | 113.18 -3.76 -12.40 | 68.54 -2.21 -12.65 | 61.31 -1.84 -12.13 | 49.49 -1.65 -10.86 | 48.15 -1.73 -9.66 | 62.98 -2.27 -9.81 | 101.82 -4.34 -9.82 | 168.94 -5.99 -13.14 | 173.77 -5.98 -13.55 | 142.46 -5.21 -10.58 | 133.18 -4.75 -9.59 | 119.19 -4.76 -7.94 | 111.40 -5.61 -7.02 | 76.14 -3.67 -9.31 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NEPA___ENERGY 23901 | 57.68 -4.65 -7.62 | 52.08 -4.11 -5.42 | 47.93 -3.89 -4.34 | 51.96 -4.39 -2.82 | 53.65 -4.56 -2.65 | 54.87 -4.65 -2.80 | 50.89 -4.28 6.82 | 50.21 -4.69 4.49 | 56.32 -6.85 25.81 | 62.32 -9.86 54.28 | 59.07 -8.15 37.32 | 48.46 -4.42 5.23 | 46.36 -3.78 0.88 | 43.07 -3.10 -5.90 | 41.75 -3.18 -4.70 | 45.15 -4.55 5.75 | 55.01 -7.90 33.42 | 74.10 -12.30 75.40 | 76.15 -12.30 77.76 | 65.66 -10.69 60.74 | 63.80 -9.50 55.04 | 60.93 -9.51 45.56 | 59.93 -9.79 40.28 | 55.82 -5.71 8.96 |
| NEVERSINK___HYD 23608 | 91.18 2.84 -33.62 | 77.27 2.59 -23.91 | 68.92 2.28 -19.17 | 68.58 2.62 -12.42 | 69.85 2.61 -11.68 | 78.98 2.78 -19.48 | 88.53 3.35 -23.20 | 100.00 3.74 -36.87 | 117.80 6.14 -22.67 | 134.00 8.85 1.31 | 143.39 7.32 -31.53 | 126.68 4.18 -64.39 | 120.62 3.78 -65.83 | 108.73 2.98 -65.47 | 100.82 2.90 -57.70 | 107.69 3.99 -48.25 | 124.45 6.94 -21.18 | 172.42 12.46 1.83 | 176.79 12.47 1.88 | 145.77 10.14 1.47 | 135.48 8.47 1.33 | 122.91 8.00 1.10 | 116.17 7.15 0.98 | 116.59 3.67 -42.43 |
| NEWTON___FALLS_HYD 23847 | 55.04 0.33 0.00 | 51.07 0.30 0.00 | 47.62 0.14 0.00 | 53.64 0.11 0.00 | 55.61 0.06 0.00 | 57.01 0.28 0.00 | 62.11 0.12 0.00 | 59.15 -0.24 0.00 | 88.90 -0.09 0.00 | 126.72 0.25 0.00 | 105.38 0.84 0.00 | 58.63 0.52 0.00 | 51.48 0.46 0.00 | 40.56 0.28 0.00 | 40.51 0.28 0.00 | 55.83 0.39 0.00 | 96.24 -0.10 0.00 | 162.76 0.97 0.00 | 167.21 1.00 0.00 | 137.50 0.41 0.00 | 129.24 0.90 0.00 | 116.36 0.35 0.00 | 110.00 0.00 0.00 | 70.92 0.42 0.00 |
| NIAGARA____ 23760 | 53.90 -6.40 -5.59 | 48.91 -5.84 -3.98 | 44.97 -5.70 -3.19 | 49.28 -6.32 -2.07 | 50.94 -6.56 -1.94 | 51.01 -6.64 -0.92 | 41.36 -7.13 13.50 | 40.29 -6.77 12.33 | 38.32 -9.97 40.70 | 34.77 -13.91 77.78 | 34.92 -10.98 58.65 | 34.17 -6.16 17.78 | 33.95 -5.31 11.76 | 34.00 -4.31 1.96 | 33.39 -4.38 2.45 | 33.50 -5.99 15.96 | 96.24 -0.10 51.40 | 162.76 0.97 108.05 | 167.21 1.00 111.43 | 137.50 0.41 87.04 | 129.24 0.90 78.87 | 116.36 0.35 65.29 | 110.00 0.00 57.72 | 70.92 0.42 19.63 |
| NINE_MILE_1 23575 | 55.00 -2.08 -2.37 | 50.52 -1.93 -1.68 | 46.97 -1.85 -1.35 | 52.32 -2.09 -0.87 | 54.21 -2.17 -0.82 | 55.94 -2.16 -1.37 | 61.35 -2.29 -1.65 | 59.63 -2.38 -2.62 | 87.08 -3.56 -1.65 | 121.41 -5.06 0.00 | 102.76 -4.08 -2.30 | 60.47 -2.21 -4.57 | 53.80 -1.89 -4.67 | 43.38 -1.53 -4.63 | 42.78 -1.53 -4.08 | 56.71 -2.16 -3.43 | 93.94 -3.95 -1.56 | 155.48 -6.31 0.00 | 159.90 -6.32 0.00 | 131.88 -5.21 0.00 | 123.33 -5.01 0.00 | 111.37 -4.64 0.00 | 105.60 -4.40 0.00 | 71.33 -2.19 -3.02 |
| NINE_MILE_2 23744 | 55.04 -2.02 -2.35 | 50.51 -1.93 -1.67 | 46.96 -1.85 -1.34 | 52.32 -2.09 -0.87 | 54.20 -2.17 -0.82 | 55.94 -2.16 -1.37 | 61.33 -2.29 -1.64 | 59.62 -2.38 -2.60 | 87.07 -3.56 -1.64 | 121.41 -5.06 0.00 | 102.75 -4.08 -2.28 | 60.44 -2.21 -4.54 | 53.76 -1.89 -4.64 | 43.35 -1.53 -4.60 | 42.75 -1.53 -4.05 | 56.69 -2.16 -3.41 | 93.93 -3.95 -1.55 | 155.48 -6.31 0.00 | 159.90 -6.32 0.00 | 131.88 -5.21 0.00 | 123.33 -5.01 0.00 | 111.37 -4.64 0.00 | 105.60 -4.40 0.00 | 71.31 -2.19 -3.00 |
| NM_CAPITAL___DRP 24208 | 107.96 3.39 -49.86 | 89.48 3.25 -35.47 | 78.99 3.09 -28.43 | 75.38 3.43 -18.42 | 76.49 3.61 -17.33 | 89.27 3.63 -28.92 | 100.58 3.97 -34.63 | 117.99 3.68 -54.92 | 128.43 5.25 -34.19 | 133.10 7.59 0.96 | 158.25 6.06 -47.65 | 157.40 3.31 -95.99 | 151.98 2.91 -98.05 | 139.93 2.26 -97.39 | 128.32 2.25 -85.84 | 130.62 3.22 -71.96 | 134.08 5.59 -32.16 | 169.04 8.57 1.33 | 173.65 8.81 1.37 | 143.43 7.40 1.07 | 133.66 6.29 0.97 | 120.89 5.68 0.80 | 115.23 5.94 0.71 | 137.15 3.38 -63.27 |
| NM_CENTRAL___DRP 24181 | 56.88 -0.93 -3.10 | 52.11 -0.86 -2.20 | 48.34 -0.90 -1.77 | 53.66 -1.02 -1.14 | 55.63 -1.00 -1.08 | 57.56 -0.96 -1.80 | 63.16 -0.99 -2.17 | 61.57 -1.25 -3.43 | 89.37 -1.78 -2.16 | 123.94 -2.53 0.00 | 105.67 -1.88 -3.01 | 63.16 -0.93 -5.98 | 56.36 -0.77 -6.11 | 45.65 -0.68 -6.06 | 44.84 -0.72 -5.34 | 58.88 -1.05 -4.49 | 96.25 -2.12 -2.04 | 158.88 -2.91 0.00 | 163.55 -2.66 0.00 | 134.76 -2.33 0.00 | 126.03 -2.31 0.00 | 113.69 -2.32 0.00 | 107.58 -2.42 0.00 | 73.46 -0.99 -3.95 |
| NM_FRONTIER___DRP 24179 | 54.16 -6.24 -5.69 | 49.13 -5.69 -4.04 | 45.16 -5.55 -3.24 | 49.43 -6.21 -2.10 | 51.14 -6.39 -1.98 | 51.25 -6.47 -0.99 | 41.77 -6.94 13.27 | 40.74 -6.59 12.05 | 39.07 -9.70 40.22 | 36.01 -13.41 77.06 | 36.03 -10.56 57.96 | 34.90 -5.87 17.33 | 34.55 -5.10 11.37 | 34.46 -4.15 1.67 | 33.83 -4.22 2.18 | 34.08 -5.77 15.60 | 35.20 -10.31 50.83 | 38.25 -16.50 107.04 | 39.04 -16.79 110.39 | 36.89 -13.98 86.22 | 37.12 -13.09 78.13 | 39.26 -12.06 64.68 | 40.50 -12.32 57.18 | 43.54 -7.68 19.27 |
| NM_ST_REGIS___HYD 24053 | 54.60 -0.11 0.00 | 50.77 0.00 0.00 | 47.38 -0.09 0.00 | 53.37 -0.16 0.00 | 55.39 -0.17 0.00 | 56.73 0.00 0.00 | 61.61 -0.37 0.00 | 58.68 -0.71 0.00 | 88.19 -0.80 0.00 | 125.58 -0.89 0.00 | 104.54 0.00 0.00 | 58.10 0.00 0.00 | 50.91 -0.10 0.00 | 40.20 -0.08 0.00 | 40.14 -0.08 0.00 | 55.45 0.00 0.00 | 95.56 -0.77 0.00 | 160.98 -0.81 0.00 | 165.21 -1.00 0.00 | 135.72 -1.37 0.00 | 127.95 -0.39 0.00 | 115.54 -0.46 0.00 | 109.45 -0.55 0.00 | 70.14 -0.35 0.00 |
| NORTHPORT___1 23551 | 99.63 5.96 -38.96 | 83.20 4.72 -27.71 | 73.67 3.99 -22.21 | 72.48 4.55 -14.39 | 73.70 4.61 -13.54 | 84.47 5.16 -22.58 | 95.20 6.26 -26.95 | 108.96 6.77 -42.80 | 127.11 11.21 -26.91 | 140.48 14.67 0.65 | 154.36 12.65 -37.17 | 140.87 7.26 -75.50 | 134.90 6.58 -77.30 | 129.02 5.28 -83.47 | 129.02 5.23 -83.57 | 128.86 6.93 -66.48 | 141.11 11.85 -32.93 | 185.50 20.22 -3.49 | 188.72 20.78 -1.73 | 163.91 17.41 -9.40 | 149.14 15.91 -4.89 | 133.48 14.39 -3.09 | 126.72 13.31 -3.41 | 127.10 7.33 -49.28 |
| NORTHPORT___2 23552 | 99.63 5.96 -38.96 | 83.20 4.72 -27.71 | 73.67 3.99 -22.21 | 72.48 4.55 -14.39 | 73.70 4.61 -13.54 | 84.47 5.16 -22.58 | 95.20 6.26 -26.95 | 108.96 6.77 -42.80 | 127.11 11.21 -26.91 | 140.48 14.67 0.65 | 154.36 12.65 -37.17 | 140.87 7.26 -75.50 | 134.90 6.58 -77.30 | 129.02 5.28 -83.47 | 129.02 5.23 -83.57 | 128.86 6.93 -66.48 | 141.11 11.85 -32.93 | 185.50 20.22 -3.49 | 188.72 20.78 -1.73 | 163.91 17.41 -9.40 | 149.14 15.91 -4.89 | 133.48 14.39 -3.09 | 126.72 13.31 -3.41 | 127.10 7.33 -49.28 |
| NORTHPORT___3 23553 | 99.63 5.96 -38.96 | 83.31 4.82 -27.71 | 73.77 4.08 -22.21 | 72.59 4.66 -14.39 | 73.82 4.72 -13.54 | 84.53 5.22 -22.58 | 95.26 6.32 -26.95 | 108.96 6.77 -42.80 | 127.10 11.21 -26.90 | 140.47 14.67 0.67 | 154.25 12.55 -37.16 | 140.86 7.26 -75.49 | 134.83 6.53 -77.28 | 128.84 5.12 -83.45 | 128.84 5.07 -83.55 | 128.84 6.93 -66.46 | 141.08 11.85 -32.90 | 185.16 19.90 -3.47 | 188.53 20.61 -1.71 | 163.75 17.27 -9.38 | 148.98 15.79 -4.86 | 133.23 14.15 -3.07 | 126.70 13.31 -3.39 | 127.17 7.40 -49.28 |
| NORTHPORT___4 23650 | 99.63 5.96 -38.96 | 83.31 4.82 -27.71 | 73.77 4.08 -22.21 | 72.59 4.66 -14.39 | 73.82 4.72 -13.54 | 84.53 5.22 -22.58 | 95.26 6.32 -26.95 | 108.96 6.77 -42.80 | 127.10 11.21 -26.90 | 140.47 14.67 0.67 | 154.25 12.55 -37.16 | 140.86 7.26 -75.49 | 134.83 6.53 -77.28 | 128.84 5.12 -83.45 | 128.84 5.07 -83.55 | 128.84 6.93 -66.46 | 141.08 11.85 -32.90 | 185.16 19.90 -3.47 | 188.53 20.61 -1.71 | 163.75 17.27 -9.38 | 148.98 15.79 -4.86 | 133.23 14.15 -3.07 | 126.70 13.31 -3.39 | 127.17 7.40 -49.28 |
| NORTHPORT___IC 23718 | 99.63 5.96 -38.96 | 83.20 4.72 -27.71 | 73.67 3.99 -22.21 | 72.48 4.55 -14.39 | 73.70 4.61 -13.54 | 84.47 5.16 -22.58 | 95.20 6.26 -26.95 | 108.96 6.77 -42.80 | 127.11 11.21 -26.91 | 140.48 14.67 0.65 | 154.36 12.65 -37.17 | 140.87 7.26 -75.50 | 134.90 6.58 -77.30 | 129.02 5.28 -83.47 | 129.02 5.23 -83.57 | 128.86 6.93 -66.48 | 141.11 11.85 -32.93 | 185.50 20.22 -3.49 | 188.72 20.78 -1.73 | 163.91 17.41 -9.40 | 149.14 15.91 -4.89 | 133.48 14.39 -3.09 | 126.72 13.31 -3.41 | 127.10 7.33 -49.28 |
| NPX_GEN_1385_PROXY 323591 | 98.81 5.14 -38.96 | 82.49 4.01 -27.71 | 73.01 3.32 -22.21 | 71.73 3.80 -14.39 | 72.93 3.83 -13.54 | 83.68 4.37 -22.58 | 94.33 5.39 -26.95 | 108.13 5.94 -42.80 | 125.78 9.88 -26.91 | 138.71 12.90 0.65 | 152.90 11.19 -37.17 | 140.06 6.45 -75.50 | 134.13 5.82 -77.30 | 128.42 4.67 -83.47 | 128.42 4.63 -83.57 | 127.58 6.15 -65.98 | 140.27 10.50 -33.43 | 183.24 17.96 -3.49 | 186.39 18.45 -1.73 | 161.85 15.35 -9.40 | 147.21 13.99 -4.89 | 131.86 12.76 -3.09 | 125.18 11.77 -3.41 | 126.11 6.34 -49.28 |

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| NPX_GEN_CSC 323557 | 100.29 6.62 -38.96 | 83.71 5.23 -27.71 | 74.10 4.42 -22.21 | 72.91 4.98 -14.39 | 74.15 5.06 -13.54 | 85.04 5.73 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.61 12.64 -26.99 | 143.36 17.45 0.56 | 156.83 15.05 -37.23 | 142.26 8.54 -75.62 | 136.11 7.65 -77.44 | 129.91 6.00 -83.63 | 129.91 5.95 -83.73 | 129.57 7.98 -66.14 | 144.13 14.16 -33.64 | 189.56 24.11 -3.66 | 192.87 24.77 -1.90 | 167.38 20.70 -9.59 | 152.30 18.87 -5.09 | 135.85 16.59 -3.26 | 128.43 14.85 -3.58 | 127.95 8.18 -49.28 |
| NSINS_S_GLNS_FALLS 23858 | 108.18 3.45 -50.03 | 89.91 3.55 -35.58 | 79.60 3.61 -28.52 | 76.14 4.12 -18.48 | 77.27 4.33 -17.39 | 90.05 4.31 -29.01 | 101.00 4.28 -34.74 | 118.65 4.16 -55.10 | 129.52 6.23 -34.31 | 135.25 9.74 0.95 | 159.04 6.69 -47.80 | 157.89 3.49 -96.30 | 152.70 3.32 -98.36 | 140.52 2.54 -97.70 | 128.63 2.29 -86.12 | 131.24 3.60 -72.19 | 134.96 6.36 -32.27 | 172.12 11.65 1.33 | 176.65 11.80 1.37 | 145.62 9.60 1.07 | 135.84 8.47 0.97 | 122.75 7.54 0.80 | 117.10 7.81 0.71 | 137.78 3.81 -63.49 |
| NUCOR_STEEL___DRP 24197 | 58.08 -1.37 -4.74 | 52.97 -1.17 -3.37 | 48.99 -1.19 -2.70 | 53.95 -1.34 -1.75 | 55.81 -1.39 -1.65 | 58.22 -1.30 -2.80 | 64.57 -1.05 -3.64 | 63.85 -1.13 -5.59 | 91.71 -1.42 -4.14 | 125.78 -2.15 -1.47 | 108.89 -1.46 -5.81 | 67.10 -0.70 -9.69 | 60.28 -0.51 -9.77 | 49.31 -0.48 -9.51 | 48.10 -0.52 -8.40 | 62.04 -0.72 -7.32 | 98.85 -1.64 -4.16 | 162.05 -1.78 -2.04 | 166.65 -1.66 -2.10 | 137.09 -1.65 -1.64 | 128.29 -1.54 -1.49 | 115.27 -1.97 -1.23 | 108.56 -2.53 -1.09 | 75.84 -1.20 -6.55 |
| NYISO_LBMP_REFERENCE 24008 | 54.71 0.00 0.00 | 50.77 0.00 0.00 | 47.47 0.00 0.00 | 53.54 0.00 0.00 | 55.55 0.00 0.00 | 56.73 0.00 0.00 | 61.98 0.00 0.00 | 59.39 0.00 0.00 | 88.99 0.00 0.00 | 126.47 0.00 0.00 | 104.54 0.00 0.00 | 58.10 0.00 0.00 | 51.02 0.00 0.00 | 40.28 0.00 0.00 | 40.22 0.00 0.00 | 55.45 0.00 0.00 | 96.33 0.00 0.00 | 161.79 0.00 0.00 | 166.21 0.00 0.00 | 137.09 0.00 0.00 | 128.34 0.00 0.00 | 116.01 0.00 0.00 | 110.00 0.00 0.00 | 70.49 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 100.35 6.67 -38.96 | 83.86 5.38 -27.71 | 74.24 4.56 -22.21 | 73.12 5.19 -14.39 | 74.37 5.28 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.54 12.46 -27.10 | 142.98 16.95 0.43 | 156.49 14.64 -37.31 | 142.25 8.37 -75.78 | 136.15 7.50 -77.63 | 130.06 5.92 -83.86 | 130.06 5.87 -83.96 | 130.19 7.87 -66.87 | 143.44 13.68 -33.43 | 189.00 23.30 -3.91 | 192.44 24.10 -2.13 | 166.95 20.02 -9.85 | 152.07 18.35 -5.38 | 135.86 16.36 -3.50 | 128.78 14.96 -3.82 | 128.09 8.32 -49.28 |
| NYPA_GOWANUS____GT5 24156 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.03 17.55 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NYPA_GOWANUS____GT6 24157 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.03 17.55 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NYPA_HARLEM_RVR_GT1 24160 | 99.04 5.36 -38.97 | 83.41 4.92 -27.72 | 74.15 4.46 -22.22 | 73.08 5.14 -14.40 | 74.38 5.28 -13.55 | 84.64 5.33 -22.58 | 94.76 5.83 -26.95 | 108.18 6.00 -42.80 | 124.41 8.99 -26.44 | 137.63 12.39 1.23 | 152.43 11.08 -36.81 | 139.46 6.57 -74.79 | 133.53 6.07 -76.44 | 121.14 4.87 -75.99 | 115.74 4.83 -70.69 | 117.88 6.38 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.12 15.02 1.23 | 128.87 13.69 0.82 | 121.97 12.87 0.90 | 126.90 7.12 -49.28 |
| NYPA_HARLEM_RVR_GT2 24161 | 99.04 5.36 -38.97 | 83.41 4.92 -27.72 | 74.15 4.46 -22.22 | 73.08 5.14 -14.40 | 74.38 5.28 -13.55 | 84.64 5.33 -22.58 | 94.76 5.83 -26.95 | 108.18 6.00 -42.80 | 124.41 8.99 -26.44 | 137.63 12.39 1.23 | 152.43 11.08 -36.81 | 139.46 6.57 -74.79 | 133.53 6.07 -76.44 | 121.14 4.87 -75.99 | 115.74 4.83 -70.69 | 117.88 6.38 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.12 15.02 1.23 | 128.87 13.69 0.82 | 121.97 12.87 0.90 | 126.90 7.12 -49.28 |
| NYPA_KENT____GT 24152 | 98.99 5.31 -38.97 | 83.21 4.72 -27.72 | 73.92 4.23 -22.22 | 72.81 4.87 -14.40 | 74.10 5.00 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.30 6.12 -42.80 | 125.04 9.61 -26.44 | 138.78 13.53 1.22 | 153.59 12.23 -36.82 | 140.00 7.09 -74.81 | 133.85 6.38 -76.45 | 121.35 5.08 -76.00 | 116.83 5.03 -71.58 | 118.23 6.71 -56.07 | 132.89 11.75 -24.80 | 180.18 20.06 1.68 | 195.23 20.61 -8.41 | 161.91 17.27 -7.55 | 154.48 15.91 -10.22 | 149.01 14.15 -18.84 | 121.97 12.87 0.90 | 126.68 6.91 -49.28 |
| NYPA_POUCH1____GT 24155 | 99.09 5.42 -38.97 | 83.26 4.77 -27.72 | 73.92 4.23 -22.22 | 72.75 4.82 -14.40 | 74.10 5.00 -13.55 | 84.41 5.11 -22.58 | 94.70 5.76 -26.95 | 108.30 6.12 -42.80 | 125.13 9.70 -26.44 | 138.90 13.66 1.22 | 153.80 12.44 -36.82 | 140.11 7.20 -74.81 | 133.95 6.48 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.34 6.82 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.21 20.94 -15.05 | 168.03 17.55 -13.39 | 162.24 16.17 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |
| NYPA_VERNON____GT2 24162 | 98.88 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.76 4.82 -14.40 | 74.05 4.94 -13.55 | 84.41 5.11 -22.58 | 94.70 5.76 -26.95 | 108.30 6.12 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.81 | 133.75 6.28 -76.45 | 121.23 4.95 -76.00 | 116.73 4.91 -71.59 | 118.12 6.60 -56.07 | 132.60 11.46 -24.80 | 179.69 19.58 1.68 | 188.08 20.11 -1.76 | 155.66 16.86 -1.70 | 146.59 15.53 -2.72 | 135.92 13.92 -5.99 | 121.64 12.54 0.90 | 126.54 6.77 -49.28 |
| NYPA_VERNON____GT3 24163 | 98.88 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.76 4.82 -14.40 | 74.05 4.94 -13.55 | 84.41 5.11 -22.58 | 94.70 5.76 -26.95 | 108.30 6.12 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.81 | 133.75 6.28 -76.45 | 121.23 4.95 -76.00 | 116.73 4.91 -71.59 | 118.12 6.60 -56.07 | 132.60 11.46 -24.80 | 179.69 19.58 1.68 | 188.08 20.11 -1.76 | 155.66 16.86 -1.70 | 146.59 15.53 -2.72 | 135.92 13.92 -5.99 | 121.64 12.54 0.90 | 126.54 6.77 -49.28 |
| NYPA__ASTORIA_CC1 323568 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| NYPA__ASTORIA_CC2 323569 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.75 4.82 -14.40 | 74.04 4.94 -13.55 | 84.41 5.11 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.77 6.86 -74.81 | 133.64 6.17 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.93 13.69 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| NYPA__HOLTSVILL 23794 | 100.29 6.62 -38.96 | 83.81 5.33 -27.71 | 74.20 4.51 -22.21 | 73.07 5.14 -14.39 | 74.32 5.22 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.51 12.55 -26.98 | 142.97 17.07 0.57 | 156.51 14.74 -37.22 | 142.13 8.43 -75.61 | 135.94 7.50 -77.42 | 129.81 5.92 -83.61 | 129.81 5.87 -83.71 | 129.95 7.87 -66.63 | 143.22 13.78 -33.11 | 188.74 23.30 -3.64 | 192.03 23.93 -1.88 | 166.68 20.02 -9.57 | 151.63 18.22 -5.07 | 135.37 16.13 -3.24 | 128.30 14.74 -3.56 | 127.95 8.18 -49.28 |

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| NYPA_____HELLGATE_GT1 24158 | 99.04 5.36 -38.97 | 83.41 4.92 -27.72 | 74.15 4.46 -22.22 | 73.08 5.14 -14.40 | 74.38 5.28 -13.55 | 84.64 5.33 -22.58 | 94.76 5.83 -26.95 | 108.18 6.00 -42.80 | 124.41 8.99 -26.44 | 137.63 12.39 1.23 | 152.43 11.08 -36.81 | 139.46 6.57 -74.79 | 133.53 6.07 -76.44 | 121.14 4.87 -75.99 | 115.74 4.83 -70.69 | 117.88 6.38 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.12 15.02 1.23 | 128.87 13.69 0.82 | 121.97 12.87 0.90 | 126.90 7.12 -49.28 |
| NYPA_____HELLGATE_GT2 24159 | 99.04 5.36 -38.97 | 83.41 4.92 -27.72 | 74.15 4.46 -22.22 | 73.08 5.14 -14.40 | 74.38 5.28 -13.55 | 84.64 5.33 -22.58 | 94.76 5.83 -26.95 | 108.18 6.00 -42.80 | 124.41 8.99 -26.44 | 137.63 12.39 1.23 | 152.43 11.08 -36.81 | 139.46 6.57 -74.79 | 133.53 6.07 -76.44 | 121.14 4.87 -75.99 | 115.74 4.83 -70.69 | 117.88 6.38 -56.06 | 132.11 10.98 -24.79 | 178.55 18.44 1.69 | 183.58 19.11 1.74 | 151.62 15.90 1.38 | 142.12 15.02 1.23 | 128.87 13.69 0.82 | 121.97 12.87 0.90 | 126.90 7.12 -49.28 |
| NYS_BARGE___HYD 23848 | 54.53 -5.74 -5.56 | 49.44 -5.28 -3.95 | 45.52 -5.13 -3.17 | 49.86 -5.73 -2.05 | 51.60 -5.89 -1.93 | 51.65 -5.96 -0.88 | 42.10 -6.26 13.62 | 40.92 -6.00 12.47 | 39.28 -8.72 40.98 | 36.34 -11.89 78.24 | 36.29 -9.20 59.05 | 34.92 -5.17 18.01 | 34.62 -4.44 11.96 | 34.50 -3.67 2.11 | 33.91 -3.74 2.58 | 34.19 -5.10 16.15 | 35.43 -9.15 51.75 | 38.71 -14.40 108.68 | 39.67 -14.46 112.08 | 37.21 -12.34 87.55 | 37.58 -11.42 79.33 | 39.66 -10.67 65.67 | 40.72 -11.22 58.05 | 43.68 -6.98 19.83 |
| O.H_GEN_BRUCE 24063 | 53.77 -6.40 -5.46 | 48.81 -5.84 -3.88 | 44.89 -5.70 -3.11 | 49.24 -6.32 -2.02 | 50.90 -6.56 -1.90 | 50.90 -6.64 -0.81 | 41.14 -7.07 13.78 | 40.00 -6.71 12.68 | 37.83 -9.88 41.28 | 33.92 -13.91 78.64 | 34.09 -10.98 59.48 | 33.65 -6.10 18.35 | 33.44 -5.31 12.27 | 33.60 -4.31 2.37 | 33.07 -4.34 2.81 | 32.59 -5.93 16.92 | 34.05 -10.69 51.59 | 35.41 -17.15 109.23 | 36.11 -14.53 112.65 | 34.57 -13.60 87.99 | 35.00 -12.53 79.74 | 37.47 -12.53 66.01 | 39.00 -12.65 58.35 | 42.50 -7.90 20.10 |
| OAK ORCHARD___HYD 24046 | 55.67 -3.61 -4.57 | 50.67 -3.35 -3.25 | 46.81 -3.28 -2.61 | 51.64 -3.59 -1.69 | 53.48 -3.67 -1.59 | 55.99 -3.63 -2.90 | 63.34 -3.66 -5.01 | 62.93 -3.44 -6.98 | 91.92 -4.89 -7.83 | 127.99 -6.58 -8.10 | 110.74 -4.91 -11.11 | 67.06 -2.85 -11.80 | 60.00 -2.40 -11.38 | 48.51 -2.05 -10.28 | 47.27 -2.09 -9.14 | 61.75 -2.83 -9.13 | 99.88 -5.20 -8.75 | 165.12 -7.93 -11.26 | 169.84 -7.98 -11.61 | 139.58 -6.58 -9.07 | 130.40 -6.16 -8.22 | 116.89 -5.92 -6.80 | 109.52 -6.49 -6.01 | 75.02 -4.09 -8.62 |
| OCC_CHEM___DRP 24175 | 54.23 -6.18 -5.70 | 49.13 -5.69 -4.05 | 45.22 -5.51 -3.25 | 49.48 -6.16 -2.10 | 51.20 -6.33 -1.98 | 51.32 -6.41 -1.00 | 41.86 -6.88 13.24 | 40.84 -6.53 12.02 | 39.22 -9.61 40.16 | 36.22 -13.28 76.97 | 36.22 -10.45 57.87 | 35.01 -5.81 17.28 | 34.65 -5.05 11.32 | 34.54 -4.11 1.63 | 33.94 -4.14 2.14 | 34.18 -5.71 15.56 | 35.37 -10.21 50.76 | 38.70 -16.18 106.91 | 39.50 -16.45 110.26 | 37.12 -13.85 86.12 | 37.33 -12.96 78.04 | 39.45 -11.95 64.61 | 40.68 -12.21 57.11 | 43.66 -7.61 19.22 |
| OLIN_CORP_DRP 24177 | 54.40 -6.07 -5.76 | 49.28 -5.58 -4.10 | 45.34 -5.41 -3.28 | 49.61 -6.05 -2.13 | 51.33 -6.22 -2.00 | 51.48 -6.30 -1.05 | 42.22 -6.69 13.07 | 41.16 -6.41 11.81 | 39.86 -9.34 39.78 | 37.18 -12.90 76.38 | 37.07 -10.14 57.33 | 35.52 -5.64 16.95 | 35.09 -4.90 11.03 | 34.88 -3.99 1.41 | 34.22 -4.06 1.95 | 34.61 -5.54 15.29 | 36.01 -10.02 50.30 | 39.99 -15.69 106.10 | 40.83 -15.96 109.42 | 38.19 -13.44 85.47 | 38.31 -12.58 77.45 | 40.18 -11.72 64.12 | 41.33 -11.99 56.68 | 44.08 -7.47 18.94 |
| ONONDAGA_REF_OCCRA 23987 | 57.74 -0.66 -3.68 | 52.78 -0.61 -2.62 | 48.91 -0.66 -2.10 | 54.15 -0.75 -1.36 | 56.11 -0.72 -1.28 | 58.18 -0.68 -2.14 | 63.88 -0.68 -2.57 | 62.63 -0.83 -4.07 | 90.40 -1.16 -2.57 | 124.70 -1.77 0.00 | 106.87 -1.25 -3.58 | 64.70 -0.52 -7.11 | 57.87 -0.41 -7.26 | 47.08 -0.40 -7.20 | 46.13 -0.44 -6.35 | 60.12 -0.67 -5.34 | 97.31 -1.45 -2.43 | 160.01 -1.78 0.00 | 164.72 -1.50 0.00 | 135.72 -1.37 0.00 | 126.93 -1.41 0.00 | 114.38 -1.62 0.00 | 108.24 -1.76 0.00 | 74.63 -0.56 -4.70 |
| ONONDAGA___COGEN 23986 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| ONTARIO___LFGE 23819 | 58.36 -1.59 -5.23 | 53.33 -1.17 -3.72 | 49.22 -1.23 -2.98 | 54.13 -1.34 -1.93 | 55.98 -1.39 -1.82 | 58.37 -1.47 -3.12 | 65.03 -1.18 -4.23 | 64.66 -1.13 -6.40 | 92.67 -1.42 -5.11 | 127.12 -1.90 -2.55 | 110.47 -1.25 -7.18 | 68.57 -0.58 -11.04 | 61.62 -0.46 -11.06 | 50.57 -0.36 -10.66 | 49.20 -0.44 -9.42 | 62.93 -0.89 -8.37 | 99.75 -1.83 -5.25 | 163.55 -1.78 -3.54 | 168.36 -1.50 -3.65 | 138.43 -1.51 -2.85 | 129.38 -1.54 -2.58 | 116.06 -2.09 -2.14 | 108.92 -2.97 -1.89 | 76.50 -1.55 -7.55 |
| OSWEGATCHIE___HYD 24044 | 55.04 0.33 0.00 | 51.07 0.30 0.00 | 47.62 0.14 0.00 | 53.64 0.11 0.00 | 55.61 0.06 0.00 | 57.01 0.28 0.00 | 62.11 0.12 0.00 | 59.15 -0.24 0.00 | 88.90 -0.09 0.00 | 126.72 0.25 0.00 | 105.38 0.84 0.00 | 58.63 0.52 0.00 | 51.48 0.46 0.00 | 40.56 0.28 0.00 | 40.51 0.28 0.00 | 55.83 0.39 0.00 | 96.24 -0.10 0.00 | 162.76 0.97 0.00 | 167.21 1.00 0.00 | 137.50 0.41 0.00 | 129.24 0.90 0.00 | 116.36 0.35 0.00 | 110.00 0.00 0.00 | 70.92 0.42 0.00 |
| OSWEGO___5 23606 | 55.79 -1.64 -2.72 | 51.13 -1.57 -1.94 | 47.51 -1.52 -1.55 | 52.83 -1.71 -1.01 | 54.72 -1.78 -0.95 | 56.55 -1.76 -1.58 | 62.03 -1.86 -1.90 | 60.44 -1.96 -3.01 | 88.04 -2.85 -1.90 | 122.42 -4.05 0.00 | 103.95 -3.24 -2.64 | 61.62 -1.74 -5.26 | 54.91 -1.48 -5.37 | 44.40 -1.21 -5.33 | 43.71 -1.21 -4.70 | 57.67 -1.72 -3.95 | 94.95 -3.18 -1.79 | 156.78 -5.02 0.00 | 161.22 -4.99 0.00 | 132.98 -4.11 0.00 | 124.36 -3.98 0.00 | 112.30 -3.71 0.00 | 106.37 -3.63 0.00 | 72.20 -1.76 -3.47 |
| OSWEGO___6 23613 | 55.79 -1.64 -2.72 | 51.13 -1.57 -1.94 | 47.51 -1.52 -1.55 | 52.83 -1.71 -1.01 | 54.72 -1.78 -0.95 | 56.55 -1.76 -1.58 | 62.03 -1.86 -1.90 | 60.44 -1.96 -3.01 | 88.04 -2.85 -1.90 | 122.42 -4.05 0.00 | 103.95 -3.24 -2.64 | 61.62 -1.74 -5.26 | 54.91 -1.48 -5.37 | 44.40 -1.21 -5.33 | 43.71 -1.21 -4.70 | 57.67 -1.72 -3.95 | 94.95 -3.18 -1.79 | 156.78 -5.02 0.00 | 161.22 -4.99 0.00 | 132.98 -4.11 0.00 | 124.36 -3.98 0.00 | 112.30 -3.71 0.00 | 106.37 -3.63 0.00 | 72.20 -1.76 -3.47 |
| OUTOKUMPU-AB___DRP 24206 | 54.93 -5.58 -5.80 | 49.77 -5.13 -4.13 | 45.80 -4.98 -3.31 | 50.11 -5.57 -2.14 | 51.85 -5.72 -2.02 | 52.03 -5.79 -1.09 | 43.00 -6.01 12.97 | 41.88 -5.82 11.69 | 41.05 -8.36 39.57 | 39.14 -11.26 76.07 | 38.73 -8.78 57.03 | 36.48 -4.88 16.75 | 35.93 -4.23 10.85 | 35.54 -3.46 1.27 | 34.86 -3.54 1.82 | 35.44 -4.88 15.13 | 37.52 -8.77 50.05 | 42.69 -13.43 105.67 | 43.61 -13.63 108.97 | 40.32 -11.65 85.12 | 40.43 -10.78 77.13 | 41.95 -10.21 63.85 | 42.77 -10.78 56.44 | 44.95 -6.77 18.78 |
| OXBOW_____ 24026 | 54.66 -5.80 -5.75 | 49.53 -5.33 -4.09 | 45.58 -5.17 -3.28 | 49.88 -5.78 -2.12 | 51.61 -5.94 -2.00 | 51.76 -6.01 -1.05 | 42.56 -6.32 13.10 | 41.48 -6.06 11.85 | 40.32 -8.81 39.85 | 37.95 -12.01 76.51 | 37.80 -9.30 57.44 | 35.87 -5.23 17.01 | 35.45 -4.49 11.08 | 35.13 -3.71 1.45 | 34.47 -3.78 1.98 | 34.95 -5.16 15.34 | 36.69 -9.25 50.39 | 41.12 -14.40 106.28 | 42.15 -14.46 109.60 | 39.15 -12.34 85.61 | 39.34 -11.42 77.58 | 41.00 -10.79 64.22 | 41.90 -11.33 56.77 | 44.45 -7.05 18.99 |
| OXY_CHEM_DSASP 323612 | 54.23 -6.18 -5.70 | 49.13 -5.69 -4.05 | 45.22 -5.51 -3.25 | 49.48 -6.16 -2.10 | 51.20 -6.33 -1.98 | 51.32 -6.41 -1.00 | 41.86 -6.88 13.24 | 40.84 -6.53 12.02 | 39.22 -9.61 40.16 | 36.22 -13.28 76.97 | 36.22 -10.45 57.87 | 35.01 -5.81 17.28 | 34.65 -5.05 11.32 | 34.54 -4.11 1.63 | 33.94 -4.14 2.14 | 34.18 -5.71 15.56 | 35.37 -10.21 50.76 | 38.70 -16.18 106.91 | 39.50 -16.45 110.26 | 37.12 -13.85 86.12 | 37.33 -12.96 78.04 | 39.45 -11.95 64.61 | 40.68 -12.21 57.11 | 43.66 -7.61 19.22 |

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|---------------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| PEEKSKILL____ 23653 | 97.63 4.27 -38.65 | 82.07 3.81 -27.49 | 72.93 3.42 -22.03 | 71.72 3.91 -14.28 | 72.99 4.00 -13.43 | 83.33 4.20 -22.40 | 93.68 4.96 -26.73 | 107.07 5.23 -42.46 | 123.58 8.36 -26.23 | 136.87 11.63 1.23 | 151.30 10.25 -36.52 | 138.16 5.87 -74.19 | 132.15 5.31 -75.83 | 119.80 4.15 -75.38 | 110.88 4.10 -66.55 | 116.54 5.49 -55.60 | 130.64 9.73 -24.57 | 176.75 16.66 1.70 | 181.41 16.95 1.76 | 150.25 14.53 1.37 | 140.31 13.22 1.24 | 126.59 11.60 1.02 | 119.43 10.34 0.91 | 124.73 5.36 -48.88 |
| PGE MADISON__WINDPWR 24146 | 69.85 3.67 -11.47 | 62.33 3.40 -8.16 | 56.82 2.80 -6.54 | 61.09 3.32 -4.24 | 63.04 3.50 -3.99 | 67.19 3.91 -6.55 | 73.67 4.52 -7.16 | 75.45 4.28 -11.78 | 101.82 7.03 -5.81 | 133.02 10.37 3.81 | 121.43 8.89 -8.00 | 83.85 5.00 -20.75 | 77.00 4.49 -21.50 | 65.34 3.26 -21.80 | 62.50 3.10 -19.18 | 75.10 4.21 -15.44 | 108.12 6.94 -4.85 | 170.89 14.40 5.30 | 176.04 15.29 5.46 | 144.89 12.06 4.27 | 135.00 10.52 3.87 | 121.28 8.47 3.20 | 113.66 6.49 2.83 | 88.89 5.08 -13.32 |
| PIERCEFIELD__HYD 23852 | 54.44 -0.27 0.00 | 50.62 -0.15 0.00 | 47.24 -0.24 0.00 | 53.16 -0.37 0.00 | 55.16 -0.39 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.32 -1.07 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.61 -0.41 0.00 | 39.96 -0.32 0.00 | 39.90 -0.32 0.00 | 55.11 -0.33 0.00 | 94.89 -1.45 0.00 | 159.69 -2.10 0.00 | 163.88 -2.33 0.00 | 134.76 -2.33 0.00 | 127.18 -1.16 0.00 | 114.85 -1.16 0.00 | 109.01 -0.99 0.00 | 69.93 -0.56 0.00 |
| PINELAWN_CC_1 323563 | 100.24 6.57 -38.96 | 83.76 5.28 -27.71 | 74.20 4.51 -22.21 | 73.02 5.09 -14.39 | 74.32 5.22 -13.54 | 85.04 5.73 -22.58 | 95.88 6.94 -26.95 | 109.61 7.42 -42.80 | 128.81 12.19 -27.63 | 143.38 16.69 -0.22 | 156.68 14.43 -37.71 | 142.92 8.25 -76.56 | 137.00 7.40 -78.59 | 131.03 5.76 -84.99 | 131.03 5.71 -85.09 | 131.11 7.65 -68.01 | 144.60 13.39 -34.87 | 190.06 23.14 -5.13 | 193.42 23.93 -3.27 | 167.97 19.74 -11.13 | 153.26 18.10 -6.82 | 136.82 16.13 -4.68 | 129.65 14.63 -5.02 | 127.95 8.18 -49.28 |
| PJM_GEN_KEystone 24065 | 79.11 -3.61 -28.01 | 70.49 -0.20 -19.92 | 64.54 1.09 -15.97 | 65.12 1.23 -10.35 | 66.57 1.28 -9.73 | 73.90 1.36 -15.81 | 74.92 -3.29 -16.22 | 88.88 2.08 -27.41 | 94.48 -5.43 -10.92 | 116.15 4.68 14.99 | 123.57 4.18 -14.84 | 109.18 2.50 -48.58 | 104.13 2.30 -50.82 | 94.33 1.77 -52.28 | 88.43 1.73 -46.48 | 93.09 2.22 -35.43 | 97.82 -6.84 -8.33 | 148.09 7.12 20.82 | 152.22 7.48 21.48 | 126.62 6.31 16.78 | 118.91 5.78 15.20 | 108.21 4.76 12.55 | 102.61 3.74 11.12 | 102.90 1.83 -30.57 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 99.36 5.69 -38.96 | 83.05 4.57 -27.71 | 73.58 3.89 -22.21 | 72.32 4.39 -14.39 | 73.59 4.50 -13.54 | 84.24 4.94 -22.58 | 94.95 6.01 -26.95 | 108.72 6.53 -42.80 | 126.24 10.68 -26.57 | 139.94 14.54 1.07 | 154.00 12.55 -36.92 | 140.31 7.20 -75.00 | 134.19 6.48 -76.69 | 128.06 5.03 -82.75 | 128.06 4.99 -82.85 | 127.41 6.71 -65.26 | 140.50 11.66 -32.51 | 184.57 20.06 -2.71 | 187.99 20.78 -1.00 | 162.81 17.14 -8.58 | 147.96 15.66 -3.97 | 132.38 14.04 -2.33 | 125.51 12.87 -2.65 | 126.89 7.12 -49.27 |
| PJM_GEN_VFT_PROXY 323633 | 98.15 4.49 -38.96 | 82.54 4.06 -27.71 | 73.29 3.61 -22.21 | 72.16 4.23 -14.39 | 73.48 4.39 -13.54 | 83.90 4.59 -22.58 | 94.32 5.39 -26.95 | 107.94 5.76 -42.79 | 124.50 9.08 -26.44 | 137.89 12.65 1.22 | 153.07 11.71 -36.82 | 139.58 6.68 -74.80 | 133.48 6.02 -76.45 | 121.02 4.75 -75.99 | 115.63 4.71 -70.70 | 117.33 6.32 -55.56 | 132.71 11.08 -25.30 | 179.04 18.93 1.68 | 183.76 19.28 1.73 | 152.18 16.45 1.37 | 142.13 15.02 1.22 | 128.42 13.22 0.82 | 120.64 11.55 0.91 | 125.90 6.13 -49.27 |
| PLEASANTVLY__LBMP 24000 | 99.14 4.16 -40.27 | 83.12 3.71 -28.65 | 73.81 3.37 -22.96 | 72.27 3.85 -14.88 | 73.49 3.94 -14.00 | 84.16 4.08 -23.35 | 94.63 4.77 -27.87 | 108.70 5.05 -44.26 | 124.28 7.92 -27.38 | 136.27 11.00 1.20 | 152.18 9.51 -38.12 | 140.91 5.46 -77.34 | 134.96 4.90 -79.04 | 122.71 3.87 -78.57 | 113.29 3.82 -69.24 | 118.52 5.10 -57.97 | 130.96 8.96 -25.67 | 175.50 15.37 1.66 | 180.12 15.62 1.72 | 149.19 13.44 1.34 | 139.19 12.06 1.22 | 125.79 10.79 1.01 | 118.79 9.68 0.89 | 126.53 5.08 -50.96 |
| POLETTI____ 23519 | 98.54 4.87 -38.96 | 82.84 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.57 5.64 -26.95 | 108.18 6.00 -42.79 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.70 6.80 -74.80 | 133.53 6.07 -76.45 | 121.06 4.79 -75.99 | 115.67 4.75 -70.70 | 117.89 6.38 -66.07 | 132.40 11.27 -24.80 | 179.36 19.25 1.68 | 184.09 19.61 1.73 | 152.31 16.59 1.37 | 142.39 15.27 1.22 | 128.65 13.46 0.82 | 121.08 11.99 0.91 | 126.11 6.34 -49.27 |
| PORT_JEFF_3 23555 | 100.73 7.06 -38.96 | 84.22 5.74 -27.71 | 74.58 4.89 -22.21 | 73.44 5.51 -14.39 | 74.70 5.61 -13.54 | 85.55 6.24 -22.58 | 96.50 7.56 -26.95 | 110.27 8.08 -42.80 | 129.32 13.35 -26.99 | 144.24 18.34 0.56 | 157.45 15.68 -37.23 | 142.67 8.95 -75.62 | 136.47 8.01 -77.44 | 130.23 6.32 -83.63 | 130.23 6.27 -83.73 | 130.52 8.43 -66.65 | 144.02 14.55 -33.14 | 189.40 23.95 -3.66 | 192.71 24.60 -1.90 | 167.38 20.70 -9.59 | 152.30 18.87 -5.09 | 135.86 16.59 -3.26 | 128.98 15.40 -3.58 | 128.37 8.60 -49.28 |
| PORT_JEFF_4 23616 | 100.73 7.06 -38.96 | 84.22 5.74 -27.71 | 74.58 4.89 -22.21 | 73.44 5.51 -14.39 | 74.70 5.61 -13.54 | 85.55 6.24 -22.58 | 96.50 7.56 -26.95 | 110.27 8.08 -42.80 | 129.32 13.35 -26.99 | 144.24 18.34 0.56 | 157.45 15.68 -37.23 | 142.67 8.95 -75.62 | 136.47 8.01 -77.44 | 130.23 6.32 -83.63 | 130.23 6.27 -83.73 | 130.52 8.43 -66.65 | 144.02 14.55 -33.14 | 189.40 23.95 -3.66 | 192.71 24.60 -1.90 | 167.38 20.70 -9.59 | 152.30 18.87 -5.09 | 135.86 16.59 -3.26 | 128.98 15.40 -3.58 | 128.37 8.60 -49.28 |
| PORT_JEFF_IC 23713 | 100.89 7.22 -38.96 | 84.32 5.84 -27.71 | 74.67 4.98 -22.21 | 73.55 5.62 -14.39 | 74.82 5.72 -13.54 | 85.66 6.35 -22.58 | 96.62 7.69 -26.95 | 110.38 8.20 -42.80 | 129.61 13.61 -27.01 | 144.65 18.72 0.54 | 157.89 16.10 -37.24 | 142.93 9.18 -75.65 | 136.71 8.21 -77.48 | 130.40 6.44 -83.67 | 130.39 6.40 -83.77 | 130.73 8.59 -66.69 | 144.46 14.93 -33.19 | 190.10 24.59 -3.71 | 193.42 25.26 -1.94 | 167.98 21.25 -9.64 | 153.00 19.51 -5.15 | 136.48 17.17 -3.30 | 129.47 15.84 -3.63 | 128.58 8.81 -49.28 |
| PPL PILGRIM_ST_GT1 24216 | 100.35 6.67 -38.96 | 83.86 5.38 -27.71 | 74.24 4.56 -22.21 | 73.12 5.19 -14.39 | 74.37 5.28 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.54 12.46 -27.10 | 142.98 16.95 0.43 | 156.49 14.64 -37.31 | 142.25 8.37 -75.78 | 136.15 7.50 -77.63 | 130.06 5.92 -83.86 | 130.06 5.87 -83.96 | 130.19 7.87 -66.87 | 143.44 13.68 -33.43 | 189.00 23.30 -3.91 | 192.44 24.10 -2.13 | 166.95 20.02 -9.85 | 152.07 18.35 -5.38 | 135.86 16.36 -3.50 | 128.78 14.96 -3.82 | 128.09 8.32 -49.28 |
| PPL PILGRIM_ST_GT2 24217 | 100.35 6.67 -38.96 | 83.86 5.38 -27.71 | 74.24 4.56 -22.21 | 73.12 5.19 -14.39 | 74.37 5.28 -13.54 | 85.15 5.84 -22.58 | 96.00 7.07 -26.95 | 109.79 7.60 -42.80 | 128.54 12.46 -27.10 | 142.98 16.95 0.43 | 156.49 14.64 -37.31 | 142.25 8.37 -75.78 | 136.15 7.50 -77.63 | 130.06 5.92 -83.86 | 130.06 5.87 -83.96 | 130.19 7.87 -66.87 | 143.44 13.68 -33.43 | 189.00 23.30 -3.91 | 192.44 24.10 -2.13 | 166.95 20.02 -9.85 | 152.07 18.35 -5.38 | 135.86 16.36 -3.50 | 128.78 14.96 -3.82 | 128.09 8.32 -49.28 |
| PPL_SHRM_GT3 24213 | 100.35 6.67 -38.96 | 83.76 5.28 -27.71 | 74.15 4.46 -22.21 | 72.96 5.03 -14.39 | 74.20 5.11 -13.54 | 85.10 5.79 -22.58 | 96.07 7.13 -26.95 | 109.79 7.60 -42.80 | 128.71 12.72 -27.00 | 143.37 17.45 0.55 | 156.83 15.05 -37.24 | 142.33 8.60 -75.63 | 136.13 7.65 -77.46 | 129.97 6.04 -83.65 | 129.97 5.99 -83.75 | 130.15 8.04 -66.67 | 143.75 14.26 -33.16 | 189.58 24.11 -3.68 | 192.89 24.77 -1.92 | 167.40 20.70 -9.61 | 152.45 18.99 -5.12 | 135.88 16.59 -3.28 | 128.56 14.96 -3.60 | 127.95 8.18 -49.28 |
| PPL_SHRM_GT4 24214 | 100.35 6.67 -38.96 | 83.76 5.28 -27.71 | 74.15 4.46 -22.21 | 72.96 5.03 -14.39 | 74.20 5.11 -13.54 | 85.10 5.79 -22.58 | 96.07 7.13 -26.95 | 109.79 7.60 -42.80 | 128.71 12.72 -27.00 | 143.37 17.45 0.55 | 156.83 15.05 -37.24 | 142.33 8.60 -75.63 | 136.13 7.65 -77.46 | 129.97 6.04 -83.65 | 129.97 5.99 -83.75 | 130.15 8.04 -66.67 | 143.75 14.26 -33.16 | 189.58 24.11 -3.68 | 192.89 24.77 -1.92 | 167.40 20.70 -9.61 | 152.45 18.99 -5.12 | 135.88 16.59 -3.28 | 128.56 14.96 -3.60 | 127.95 8.18 -49.28 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| PROJECT___ORANGE 1 24174 | 57.00 -0.88 -3.16 | 52.15 -0.86 -2.25 | 48.42 -0.85 -1.80 | 53.74 -0.96 -1.17 | 55.65 -1.00 -1.10 | 57.65 -0.91 -1.83 | 63.20 -0.99 -2.21 | 61.70 -1.19 -3.50 | 89.50 -1.69 -2.20 | 123.94 -2.53 0.00 | 105.83 -1.78 -3.07 | 63.34 -0.87 -6.10 | 56.53 -0.71 -6.23 | 45.81 -0.64 -6.18 | 44.99 -0.68 -5.45 | 59.03 -1.00 -4.58 | 96.39 -2.02 -2.08 | 159.04 -2.75 0.00 | 163.55 -2.66 0.00 | 134.90 -2.19 0.00 | 126.16 -2.18 0.00 | 113.69 -2.32 0.00 | 107.58 -2.42 0.00 | 73.61 -0.92 -4.03 |
| PROJECT___ORANGE 2 24166 | 57.00 -0.88 -3.16 | 52.15 -0.86 -2.25 | 48.42 -0.85 -1.80 | 53.74 -0.96 -1.17 | 55.65 -1.00 -1.10 | 57.65 -0.91 -1.83 | 63.20 -0.99 -2.21 | 61.70 -1.19 -3.50 | 89.50 -1.69 -2.20 | 123.94 -2.53 0.00 | 105.83 -1.78 -3.07 | 63.34 -0.87 -6.10 | 56.53 -0.71 -6.23 | 45.81 -0.64 -6.18 | 44.99 -0.68 -5.45 | 59.03 -1.00 -4.58 | 96.39 -2.02 -2.08 | 159.04 -2.75 0.00 | 163.55 -2.66 0.00 | 134.90 -2.19 0.00 | 126.16 -2.18 0.00 | 113.69 -2.32 0.00 | 107.58 -2.42 0.00 | 73.61 -0.92 -4.03 |
| PYRITES___HYD 24023 | 54.66 -0.05 0.00 | 50.77 0.00 0.00 | 47.38 -0.09 0.00 | 53.32 -0.21 0.00 | 55.39 -0.17 0.00 | 56.73 0.00 0.00 | 61.55 -0.43 0.00 | 58.62 -0.77 0.00 | 88.10 -0.89 0.00 | 125.58 -0.89 0.00 | 104.44 -0.10 0.00 | 58.05 -0.06 0.00 | 50.86 -0.15 0.00 | 40.16 -0.12 0.00 | 40.10 -0.12 0.00 | 55.39 -0.06 0.00 | 95.47 -0.87 0.00 | 160.82 -0.97 0.00 | 165.21 -1.00 0.00 | 135.72 -1.37 0.00 | 127.95 -0.39 0.00 | 115.43 -0.58 0.00 | 109.45 -0.55 0.00 | 70.21 -0.28 0.00 |
| RAMAPO___LBMP 323565 | 96.61 4.10 -37.79 | 81.31 3.66 -26.88 | 72.30 3.28 -21.55 | 71.25 3.75 -13.96 | 72.52 3.83 -13.13 | 82.66 4.03 -21.90 | 92.89 4.77 -26.13 | 106.00 5.11 -41.50 | 122.71 8.10 -25.62 | 136.35 11.13 1.24 | 150.03 9.83 -35.66 | 136.26 5.64 -72.52 | 130.19 5.05 -74.12 | 117.95 3.99 -73.69 | 109.20 3.94 -65.03 | 115.06 5.27 -54.35 | 129.58 9.25 -24.00 | 176.08 16.02 1.73 | 180.72 16.29 1.78 | 149.55 13.85 1.39 | 139.79 12.71 1.26 | 126.11 11.14 1.04 | 118.98 9.90 0.92 | 123.42 5.15 -47.78 |
| RANKINE____ 23646 | 55.21 -5.69 -6.19 | 49.94 -5.23 -4.40 | 45.92 -5.08 -3.53 | 50.15 -5.67 -2.29 | 51.87 -5.83 -2.15 | 52.24 -5.90 -1.41 | 43.91 -6.14 11.94 | 43.00 -5.94 10.45 | 43.00 -8.63 37.35 | 42.15 -11.63 72.68 | 41.48 -9.20 53.86 | 38.24 -5.11 14.75 | 37.49 -4.44 9.09 | 36.70 -3.63 -0.05 | 35.90 -3.70 0.63 | 36.83 -5.10 13.52 | 39.79 -9.15 47.39 | 46.76 -14.08 100.96 | 47.97 -14.13 104.11 | 43.71 -12.06 81.32 | 43.48 -11.17 73.69 | 44.33 -10.67 61.00 | 44.85 -11.22 53.93 | 46.47 -6.91 17.12 |
| RAVENSWOOD_GT2_1 24244 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.43 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.54 6.07 -76.45 | 121.03 4.75 -76.00 | 116.62 4.71 -71.69 | 117.90 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 183.93 19.45 1.73 | 152.18 16.45 1.37 | 142.27 15.14 1.22 | 128.59 13.34 0.76 | 120.97 11.88 0.91 | 126.11 6.34 -49.28 |
| RAVENSWOOD_GT2_2 24245 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.43 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.54 6.07 -76.45 | 121.03 4.75 -76.00 | 116.62 4.71 -71.69 | 117.90 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 183.93 19.45 1.73 | 152.18 16.45 1.37 | 142.27 15.14 1.22 | 128.59 13.34 0.76 | 120.97 11.88 0.91 | 126.11 6.34 -49.28 |
| RAVENSWOOD_GT2_3 24246 | 98.59 4.92 -38.96 | 82.90 4.42 -27.71 | 73.62 3.94 -22.21 | 72.43 4.50 -14.39 | 73.76 4.67 -13.54 | 84.19 4.88 -22.58 | 94.57 5.64 -26.95 | 108.19 6.00 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.65 6.74 -74.81 | 133.54 6.07 -76.45 | 121.07 4.79 -76.00 | 116.66 4.75 -71.69 | 117.90 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 184.09 19.61 1.73 | 152.31 16.59 1.37 | 142.27 15.14 1.22 | 128.71 13.46 0.76 | 121.08 11.99 0.91 | 126.18 6.41 -49.28 |
| RAVENSWOOD_GT2_4 24247 | 98.59 4.92 -38.96 | 82.90 4.42 -27.71 | 73.62 3.94 -22.21 | 72.43 4.50 -14.39 | 73.76 4.67 -13.54 | 84.19 4.88 -22.58 | 94.57 5.64 -26.95 | 108.19 6.00 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.17 11.81 -36.82 | 139.65 6.74 -74.81 | 133.54 6.07 -76.45 | 121.07 4.79 -76.00 | 116.66 4.75 -71.69 | 117.90 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 184.09 19.61 1.73 | 152.31 16.59 1.37 | 142.27 15.14 1.22 | 128.71 13.46 0.76 | 121.08 11.99 0.91 | 126.18 6.41 -49.28 |
| RAVENSWOOD_GT3_1 24248 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.43 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.80 | 133.54 6.07 -76.45 | 121.07 4.79 -76.00 | 116.42 4.75 -71.45 | 117.89 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 183.93 19.45 1.73 | 152.18 16.45 1.37 | 142.26 15.14 1.22 | 128.58 13.34 0.77 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |
| RAVENSWOOD_GT3_2 24249 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.43 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.80 | 133.54 6.07 -76.45 | 121.07 4.79 -76.00 | 116.42 4.75 -71.45 | 117.89 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 183.93 19.45 1.73 | 152.18 16.45 1.37 | 142.26 15.14 1.22 | 128.58 13.34 0.77 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |
| RAVENSWOOD_GT3_3 24250 | 98.65 4.98 -38.96 | 82.90 4.42 -27.71 | 73.62 3.94 -22.21 | 72.48 4.55 -14.39 | 73.76 4.67 -13.54 | 84.19 4.88 -22.58 | 94.64 5.70 -26.95 | 108.18 6.00 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.71 6.80 -74.80 | 133.59 6.12 -76.45 | 121.11 4.83 -76.00 | 116.46 4.79 -71.45 | 117.95 6.43 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.81 13.57 0.77 | 121.19 12.10 0.91 | 126.18 6.41 -49.27 |
| RAVENSWOOD_GT3_4 24251 | 98.65 4.98 -38.96 | 82.90 4.42 -27.71 | 73.62 3.94 -22.21 | 72.48 4.55 -14.39 | 73.76 4.67 -13.54 | 84.19 4.88 -22.58 | 94.64 5.70 -26.95 | 108.18 6.00 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.71 6.80 -74.80 | 133.59 6.12 -76.45 | 121.11 4.83 -76.00 | 116.46 4.79 -71.45 | 117.95 6.43 -56.07 | 132.41 11.27 -24.80 | 179.37 19.25 1.68 | 184.26 19.78 1.73 | 152.45 16.73 1.37 | 142.39 15.27 1.22 | 128.81 13.57 0.77 | 121.19 12.10 0.91 | 126.18 6.41 -49.27 |
| RAVENSWOOD_GT_1 23729 | 98.88 5.20 -38.97 | 83.16 4.67 -27.72 | 73.87 4.18 -22.22 | 72.76 4.82 -14.40 | 74.05 4.94 -13.55 | 84.41 5.11 -22.58 | 94.70 5.76 -26.95 | 108.30 6.12 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.81 | 133.75 6.28 -76.45 | 121.23 4.95 -76.00 | 116.73 4.91 -71.59 | 118.12 6.60 -56.07 | 132.60 11.46 -24.80 | 179.69 19.58 1.68 | 188.08 20.11 -1.76 | 155.66 16.86 -1.70 | 146.59 15.53 -2.72 | 135.92 13.92 -5.99 | 121.64 12.54 0.90 | 126.54 6.77 -49.28 |
| RAVENSWOOD_GT_10 24258 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.61 4.71 -71.68 | 117.84 6.32 -56.07 | 132.31 11.17 -24.80 | 179.04 18.93 1.68 | 184.36 19.45 1.30 | 152.56 16.45 0.99 | 142.75 15.14 0.73 | 129.43 13.34 -0.08 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |
| RAVENSWOOD_GT_11 24259 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.38 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.61 4.71 -71.68 | 117.84 6.32 -56.07 | 132.31 11.17 -24.80 | 179.04 18.93 1.68 | 184.36 19.45 1.30 | 152.56 16.45 0.99 | 142.75 15.14 0.73 | 129.43 13.34 -0.08 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |

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|---|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RAVENSWOOD_GT_4 24252 | 98.48 4.81 -38.95 | 82.79 4.32 -27.71 | 73.52 3.85 -22.20 | 72.37 4.44 -14.39 | 73.64 4.56 -13.53 | 84.07 4.76 -22.58 | 94.51 5.58 -26.95 | 108.12 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.59 6.68 -74.80 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.31 4.71 -71.38 | 117.84 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 186.53 19.45 -0.87 | 154.47 16.45 -0.92 | 145.07 15.02 -1.72 | 133.49 13.22 -4.26 | 120.86 11.77 0.91 | 126.04 6.27 -49.27 |
| RAVENSWOOD_GT_5 24254 | 98.48 4.81 -38.95 | 82.79 4.32 -27.71 | 73.52 3.85 -22.20 | 72.37 4.44 -14.39 | 73.64 4.56 -13.53 | 84.07 4.76 -22.58 | 94.51 5.58 -26.95 | 108.12 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.59 6.68 -74.80 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.31 4.71 -71.38 | 117.84 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 186.53 19.45 -0.87 | 154.47 16.45 -0.92 | 145.07 15.02 -1.72 | 133.49 13.22 -4.26 | 120.86 11.77 0.91 | 126.04 6.27 -49.27 |
| RAVENSWOOD_GT_6 24253 | 98.48 4.81 -38.95 | 82.79 4.32 -27.71 | 73.52 3.85 -22.20 | 72.37 4.44 -14.39 | 73.64 4.56 -13.53 | 84.07 4.76 -22.58 | 94.51 5.58 -26.95 | 108.12 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.59 6.68 -74.80 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.31 4.71 -71.38 | 117.84 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 186.53 19.45 -0.87 | 154.47 16.45 -0.92 | 145.07 15.02 -1.72 | 133.49 13.22 -4.26 | 120.86 11.77 0.91 | 126.04 6.27 -49.27 |
| RAVENSWOOD_GT_7 24255 | 98.48 4.81 -38.95 | 82.79 4.32 -27.71 | 73.52 3.85 -22.20 | 72.37 4.44 -14.39 | 73.64 4.56 -13.53 | 84.07 4.76 -22.58 | 94.51 5.58 -26.95 | 108.12 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.59 6.68 -74.80 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.31 4.71 -71.38 | 117.84 6.32 -56.07 | 132.21 11.08 -24.80 | 179.04 18.93 1.68 | 186.53 19.45 -0.87 | 154.47 16.45 -0.92 | 145.07 15.02 -1.72 | 133.49 13.22 -4.26 | 120.86 11.77 0.91 | 126.04 6.27 -49.27 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.58 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.61 4.71 -71.68 | 117.84 6.32 -56.07 | 132.31 11.17 -24.80 | 179.04 18.93 1.68 | 184.36 19.45 1.30 | 152.56 16.45 0.99 | 142.75 15.14 0.73 | 129.43 13.34 -0.08 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |
| RAVENSWOOD_GT_9 24257 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.42 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.58 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.49 6.02 -76.45 | 121.03 4.75 -76.00 | 116.61 4.71 -71.68 | 117.84 6.32 -56.07 | 132.31 11.17 -24.80 | 179.04 18.93 1.68 | 184.36 19.45 1.30 | 152.56 16.45 0.99 | 142.75 15.14 0.73 | 129.43 13.34 -0.08 | 120.97 11.88 0.91 | 126.11 6.34 -49.27 |
| RAVENSWOOD___1 23533 | 98.87 5.20 -38.97 | 83.16 4.67 -27.72 | 73.82 4.13 -22.22 | 72.70 4.76 -14.40 | 74.04 4.94 -13.55 | 84.36 5.05 -22.58 | 94.70 5.76 -26.95 | 108.24 6.06 -42.80 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.38 12.02 -36.82 | 139.82 6.91 -74.81 | 133.69 6.22 -76.45 | 121.19 4.91 -76.00 | 116.70 4.91 -71.57 | 118.06 6.54 -56.07 | 132.50 11.37 -24.80 | 179.53 19.42 1.68 | 184.59 20.11 1.73 | 152.59 16.86 1.37 | 142.65 15.53 1.22 | 129.05 13.81 0.77 | 121.64 12.54 0.90 | 126.47 6.70 -49.28 |
| RAVENSWOOD___2 23534 | 98.82 5.14 -38.97 | 83.11 4.62 -27.72 | 73.82 4.13 -22.22 | 72.70 4.76 -14.40 | 73.99 4.89 -13.55 | 84.36 5.05 -22.58 | 94.70 5.76 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.52 13.28 1.22 | 153.28 11.92 -36.82 | 139.82 6.91 -74.81 | 133.69 6.22 -76.45 | 121.19 4.91 -76.00 | 116.66 4.87 -71.57 | 118.06 6.54 -56.07 | 132.50 11.37 -24.80 | 179.53 19.42 1.68 | 184.43 19.95 1.73 | 152.59 16.86 1.37 | 142.52 15.40 1.22 | 129.05 13.81 0.77 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| RAVENSWOOD___3 23535 | 98.54 4.87 -38.96 | 82.85 4.37 -27.71 | 73.58 3.89 -22.21 | 72.43 4.50 -14.39 | 73.70 4.61 -13.54 | 84.13 4.82 -22.58 | 94.51 5.58 -26.95 | 108.13 5.94 -42.80 | 124.77 9.34 -26.44 | 138.27 13.03 1.22 | 153.07 11.71 -36.82 | 139.65 6.74 -74.81 | 133.54 6.07 -76.45 | 121.07 4.79 -76.00 | 116.54 4.75 -71.57 | 117.89 6.38 -56.07 | 132.31 11.17 -24.80 | 179.21 19.09 1.68 | 183.93 19.45 1.73 | 152.18 16.45 1.37 | 142.26 15.14 1.22 | 128.58 13.34 0.77 | 120.97 11.88 0.91 | 126.11 6.34 -49.28 |
| RAVENSWOOD___4 23820 | 98.82 5.14 -38.96 | 83.11 4.62 -27.72 | 73.82 4.13 -22.22 | 72.70 4.76 -14.40 | 73.99 4.89 -13.55 | 84.36 5.05 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.28 11.92 -36.82 | 139.77 6.86 -74.81 | 133.69 6.22 -76.45 | 121.19 4.91 -76.00 | 116.64 4.87 -71.55 | 118.06 6.54 -56.07 | 132.50 11.37 -24.80 | 179.53 19.42 1.68 | 181.00 19.95 5.16 | 149.43 16.73 4.38 | 138.65 15.40 5.09 | 122.29 13.69 7.40 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| RCPI_TRUST___DRP 24196 | 98.59 4.92 -38.95 | 82.89 4.42 -27.71 | 73.57 3.89 -22.21 | 72.42 4.50 -14.39 | 73.76 4.67 -13.54 | 84.18 4.88 -22.58 | 94.57 5.64 -26.95 | 108.18 6.00 -42.79 | 124.95 9.52 -26.44 | 138.52 13.28 1.22 | 153.17 11.81 -36.81 | 139.69 6.80 -74.79 | 133.58 6.12 -76.44 | 121.06 4.79 -75.98 | 114.76 4.75 -69.79 | 117.94 6.43 -56.06 | 132.40 11.27 -24.79 | 179.36 19.25 1.69 | 184.09 19.61 1.74 | 152.31 16.59 1.37 | 142.39 15.27 1.23 | 128.60 13.46 0.87 | 121.08 11.99 0.91 | 126.18 6.41 -49.27 |
| RENSSELAER___COGEN 23796 | 107.36 3.23 -49.42 | 89.02 3.10 -35.15 | 78.54 2.90 -28.17 | 75.06 3.27 -18.26 | 76.17 3.44 -17.18 | 88.85 3.46 -28.66 | 100.08 3.78 -34.32 | 117.32 3.50 -54.43 | 127.94 5.07 -33.88 | 132.83 7.34 0.97 | 157.61 5.85 -47.21 | 156.50 3.25 -95.14 | 151.01 2.81 -97.19 | 139.03 2.22 -96.54 | 127.52 2.21 -85.09 | 129.88 3.11 -71.33 | 133.60 5.39 -31.87 | 168.86 8.41 1.34 | 173.30 8.48 1.39 | 143.28 7.27 1.08 | 133.52 6.16 0.98 | 120.76 5.57 0.81 | 115.00 5.72 0.72 | 136.37 3.17 -62.71 |
| REVERE_CPPR_DRP 24186 | 56.99 1.37 -0.91 | 52.63 1.22 -0.65 | 48.94 0.95 -0.52 | 55.00 1.12 -0.34 | 57.04 1.17 -0.32 | 58.62 1.36 -0.53 | 64.11 1.49 -0.64 | 61.70 1.31 -1.01 | 91.84 2.22 -0.63 | 129.88 3.41 0.00 | 108.56 3.14 -0.88 | 61.72 1.86 -1.76 | 54.49 1.68 -1.79 | 43.27 1.21 -1.78 | 42.96 1.17 -1.57 | 58.26 1.50 -1.32 | 99.24 2.31 -0.60 | 166.97 5.18 0.00 | 171.70 5.48 0.00 | 141.48 4.39 0.00 | 132.06 3.72 0.00 | 118.91 2.90 0.00 | 112.09 2.09 0.00 | 73.48 1.83 -1.16 |
| RIVERBAY____ 323610 | 99.09 5.42 -38.97 | 83.41 4.92 -27.72 | 74.15 4.46 -22.22 | 73.08 5.14 -14.40 | 74.38 5.28 -13.55 | 84.70 5.39 -22.58 | 94.82 5.89 -26.95 | 108.24 6.06 -42.80 | 124.59 9.17 -26.44 | 138.01 12.77 1.23 | 152.96 11.60 -36.81 | 139.64 6.74 -74.79 | 133.48 6.02 -76.44 | 121.06 4.79 -75.99 | 115.66 4.75 -70.69 | 117.88 6.38 -56.06 | 132.11 10.98 -24.79 | 179.03 18.93 1.69 | 183.92 19.45 1.74 | 152.17 16.45 1.38 | 142.12 15.02 1.23 | 128.76 13.57 0.82 | 121.97 12.87 0.90 | 126.90 7.12 -49.28 |
| ROCHESTER_9_IC 23652 | 56.08 -3.17 -4.54 | 51.00 -3.00 -3.23 | 47.12 -2.94 -2.59 | 52.00 -3.21 -1.68 | 53.85 -3.28 -1.58 | 56.48 -3.12 -2.88 | 63.79 -3.16 -4.96 | 63.34 -2.97 -6.92 | 92.64 -4.09 -7.75 | 129.03 -5.44 -8.00 | 111.57 -3.97 -11.00 | 67.48 -2.32 -11.70 | 60.42 -1.89 -11.29 | 48.79 -1.69 -10.20 | 47.56 -1.73 -9.07 | 62.17 -2.33 -9.05 | 100.65 -4.34 -8.65 | 165.78 -7.12 -11.11 | 170.52 -5.35 -11.46 | 140.70 -5.35 -8.95 | 131.57 -4.88 -8.11 | 117.85 -4.87 -6.71 | 110.32 -5.61 -5.94 | 75.51 -3.52 -8.54 |
| ROSETON___1 23587 | 97.46 3.99 -38.76 | 81.94 3.60 -27.57 | 72.80 3.23 -22.09 | 71.55 3.69 -14.32 | 72.80 3.78 -13.47 | 83.10 3.91 -22.46 | 93.38 4.59 -26.81 | 106.83 4.87 -42.57 | 122.94 7.65 -26.30 | 135.86 10.62 1.23 | 150.46 9.30 -36.61 | 137.83 5.35 -74.38 | 131.83 4.80 -76.02 | 119.59 3.75 -75.57 | 110.53 3.70 -66.60 | 116.18 4.99 -55.75 | 129.74 8.77 -24.64 | 175.14 15.05 1.70 | 179.75 15.29 1.76 | 148.74 13.02 1.37 | 138.90 11.81 1.24 | 125.42 10.44 1.03 | 118.55 9.46 0.91 | 124.44 4.93 -49.02 |

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| ROSETON___2 23588 | 97.46 3.99 -38.76 | 81.94 3.60 -27.57 | 72.80 3.23 -22.09 | 71.55 3.69 -14.32 | 72.80 3.78 -13.47 | 83.10 3.91 -22.46 | 93.38 4.59 -26.81 | 106.83 4.87 -42.57 | 122.94 7.65 -26.30 | 135.86 10.62 1.23 | 150.46 9.30 -36.61 | 137.83 5.35 -74.38 | 131.83 4.80 -76.02 | 119.59 3.75 -75.57 | 110.53 3.70 -66.60 | 116.18 4.99 -55.75 | 129.74 8.77 -24.64 | 175.14 15.05 1.70 | 179.75 15.29 1.76 | 148.74 13.02 1.37 | 138.90 11.81 1.24 | 125.42 10.44 1.03 | 118.55 9.46 0.91 | 124.44 4.93 -49.02 |
| RUSSELL___1 23602 | 57.59 -1.59 -4.47 | 52.42 -1.52 -3.18 | 48.50 -1.52 -2.55 | 53.69 -1.50 -1.65 | 55.61 -1.50 -1.55 | 58.23 -1.30 -2.81 | 65.57 -1.18 -4.77 | 65.13 -0.95 -6.69 | 95.52 -0.80 -7.33 | 133.19 -0.63 -7.36 | 115.36 0.42 -10.40 | 69.43 0.00 -11.33 | 62.18 0.20 -10.96 | 50.11 -0.12 -9.95 | 48.86 -0.20 -8.84 | 64.14 -0.06 -8.75 | 103.81 -0.67 -8.15 | 172.50 0.49 -10.22 | 177.42 0.66 -10.54 | 145.60 0.27 -8.23 | 136.44 0.64 -7.46 | 122.30 0.12 -6.18 | 114.03 -1.43 -5.46 | 77.45 -1.27 -8.23 |
| RUSSELL___2 23532 | 57.59 -1.59 -4.47 | 52.42 -1.52 -3.18 | 48.50 -1.52 -2.55 | 53.69 -1.50 -1.65 | 55.61 -1.50 -1.55 | 58.23 -1.30 -2.81 | 65.57 -1.18 -4.77 | 65.13 -0.95 -6.69 | 95.52 -0.80 -7.33 | 133.19 -0.63 -7.36 | 115.36 0.42 -10.40 | 69.43 0.00 -11.33 | 62.18 0.20 -10.96 | 50.11 -0.12 -9.95 | 48.86 -0.20 -8.84 | 64.14 -0.06 -8.75 | 103.81 -0.67 -8.15 | 172.50 0.49 -10.22 | 177.42 0.66 -10.54 | 145.60 0.27 -8.23 | 136.44 0.64 -7.46 | 122.30 0.12 -6.18 | 114.03 -1.43 -5.46 | 77.45 -1.27 -8.23 |
| RUSSELL___3 23549 | 56.35 -2.90 -4.54 | 51.25 -2.74 -3.23 | 47.35 -2.71 -2.59 | 52.32 -2.89 -1.68 | 54.18 -2.94 -1.58 | 56.76 -2.84 -2.87 | 64.15 -2.79 -4.96 | 63.70 -2.61 -6.92 | 93.26 -3.47 -7.75 | 129.91 -4.55 -8.00 | 112.50 -3.03 -10.99 | 67.94 -1.86 -11.70 | 60.82 -1.48 -11.28 | 49.10 -1.37 -10.19 | 47.84 -1.45 -9.06 | 62.66 -1.83 -9.04 | 101.32 -3.66 -8.65 | 167.89 -5.02 -11.11 | 172.69 -4.99 -11.46 | 141.93 -4.11 -8.95 | 132.73 -3.72 -8.11 | 118.90 -3.83 -6.72 | 111.20 -4.73 -5.94 | 75.93 -3.10 -8.54 |
| RUSSELL___4 23556 | 57.59 -1.59 -4.47 | 52.42 -1.52 -3.18 | 48.45 -1.57 -2.55 | 53.63 -1.55 -1.65 | 55.55 -1.56 -1.55 | 58.18 -1.36 -2.81 | 65.58 -1.18 -4.77 | 65.07 -1.01 -6.69 | 95.43 -0.89 -7.33 | 133.20 -0.63 -7.36 | 115.26 0.31 -10.40 | 69.38 -0.06 -11.33 | 62.13 0.15 -10.96 | 50.07 -0.16 -9.95 | 48.87 -0.20 -8.84 | 64.14 -0.06 -8.75 | 103.81 -0.67 -8.15 | 172.34 0.32 -10.23 | 177.26 0.50 -10.55 | 145.47 0.14 -8.24 | 136.32 0.51 -7.46 | 122.30 0.12 -6.18 | 113.92 -1.54 -5.46 | 77.38 -1.34 -8.23 |
| RUSSELL___STATION 23914 | 56.35 -2.90 -4.54 | 51.25 -2.74 -3.23 | 47.35 -2.71 -2.59 | 52.32 -2.89 -1.68 | 54.18 -2.94 -1.58 | 56.76 -2.84 -2.87 | 64.15 -2.79 -4.96 | 63.70 -2.61 -6.92 | 93.26 -3.47 -7.75 | 129.91 -4.55 -8.00 | 112.50 -3.03 -10.99 | 67.94 -1.86 -11.70 | 60.82 -1.48 -11.28 | 49.10 -1.37 -10.19 | 47.84 -1.45 -9.06 | 62.66 -1.83 -9.04 | 101.32 -3.66 -8.65 | 167.89 -5.02 -11.11 | 172.69 -4.99 -11.46 | 141.93 -4.11 -8.95 | 132.73 -3.72 -8.11 | 118.90 -3.83 -6.72 | 111.20 -4.73 -5.94 | 75.93 -3.10 -8.54 |
| S SALMON___HYD 24043 | 56.95 -0.27 -2.52 | 52.31 -0.25 -1.79 | 48.48 -0.43 -1.43 | 54.04 -0.43 -0.93 | 55.98 -0.44 -0.87 | 57.90 -0.28 -1.46 | 63.50 -0.25 -1.76 | 61.40 -0.77 -2.78 | 89.85 -0.89 -1.75 | 125.45 -1.01 0.00 | 106.57 -0.42 -2.44 | 62.85 -0.12 -4.86 | 55.93 -0.05 -4.96 | 45.04 -0.16 -4.92 | 44.36 -0.20 -4.34 | 58.76 -0.33 -3.64 | 96.93 -1.06 -1.66 | 161.15 -0.65 0.00 | 165.71 -0.50 0.00 | 136.41 -0.69 0.00 | 127.95 -0.39 0.00 | 115.20 -0.81 0.00 | 108.79 -1.21 0.00 | 73.63 -0.07 -3.21 |
| SELKIRK___II 23799 | 106.84 2.84 -49.28 | 88.51 2.69 -35.05 | 78.09 2.52 -28.10 | 74.58 2.84 -18.21 | 75.62 2.94 -17.13 | 88.31 3.01 -28.58 | 99.49 3.29 -34.22 | 116.81 3.15 -54.28 | 127.40 4.63 -33.78 | 132.07 6.58 0.97 | 157.05 5.44 -47.07 | 155.99 3.02 -94.87 | 150.58 2.65 -96.91 | 138.63 2.09 -96.26 | 127.16 2.09 -84.84 | 129.45 2.88 -71.12 | 133.02 4.91 -31.77 | 168.21 7.77 1.35 | 172.80 7.98 1.39 | 142.86 6.85 1.09 | 133.26 5.90 0.98 | 120.53 5.34 0.81 | 114.67 5.39 0.72 | 135.99 2.96 -62.53 |
| SELKIRK___I 23801 | 106.48 2.63 -49.15 | 88.16 2.44 -34.96 | 77.77 2.28 -28.02 | 74.26 2.57 -18.16 | 75.30 2.67 -17.08 | 87.95 2.72 -28.50 | 99.15 3.04 -34.12 | 116.48 2.97 -54.12 | 127.03 4.36 -33.69 | 131.69 6.20 0.97 | 156.61 5.12 -46.95 | 155.62 2.91 -94.61 | 150.22 2.55 -96.65 | 138.30 2.01 -96.00 | 126.85 2.01 -84.62 | 129.15 2.77 -70.93 | 132.74 4.72 -31.68 | 168.04 7.60 1.35 | 172.46 7.65 1.39 | 142.58 6.58 1.09 | 133.13 5.78 0.99 | 120.41 5.22 0.82 | 114.45 5.17 0.72 | 135.67 2.82 -62.36 |
| SENECA OSWGO___HYD 24041 | 56.34 -1.31 -2.94 | 51.64 -1.22 -2.09 | 47.92 -1.23 -1.68 | 53.23 -1.39 -1.09 | 55.19 -1.39 -1.02 | 57.07 -1.36 -1.71 | 62.67 -1.36 -2.05 | 61.04 -1.60 -3.25 | 88.72 -2.31 -2.05 | 123.18 -3.29 0.00 | 104.89 -2.51 -2.85 | 62.50 -1.28 -5.68 | 55.74 -1.07 -5.79 | 45.10 -0.93 -5.75 | 44.32 -0.97 -5.07 | 58.32 -1.39 -4.26 | 95.67 -2.60 -1.93 | 157.91 -3.88 0.00 | 162.39 -3.82 0.00 | 133.94 -3.15 0.00 | 125.26 -3.08 0.00 | 112.88 -3.13 0.00 | 106.92 -3.08 0.00 | 72.90 -1.34 -3.75 |
| SENECA___ENERGY 23797 | 57.58 -1.86 -4.73 | 52.61 -1.52 -3.36 | 48.65 -1.52 -2.70 | 53.57 -1.71 -1.75 | 55.42 -1.78 -1.64 | 57.71 -1.82 -2.80 | 64.09 -1.61 -3.72 | 63.40 -1.66 -5.67 | 91.12 -2.22 -4.36 | 125.16 -3.16 -1.85 | 108.36 -2.30 -6.12 | 66.75 -1.16 -9.81 | 59.96 -0.92 -9.86 | 49.07 -0.77 -9.55 | 47.86 -0.80 -8.44 | 61.59 -1.28 -7.42 | 98.25 -2.50 -4.42 | 161.13 -3.24 -2.57 | 165.71 -3.16 -2.65 | 136.29 -2.88 -2.07 | 127.52 -2.70 -1.88 | 114.55 -3.02 -1.56 | 107.85 -3.52 -1.37 | 75.33 -1.83 -6.67 |
| SHOEMAKER___GT 23640 | 94.46 3.99 -35.75 | 79.81 3.60 -25.43 | 71.09 3.23 -20.38 | 70.39 3.64 -13.21 | 71.76 3.78 -12.43 | 81.36 3.91 -20.72 | 91.39 4.71 -24.70 | 103.62 4.99 -39.24 | 121.09 7.92 -24.18 | 136.44 9.72 1.28 | 147.85 9.72 -33.59 | 132.05 5.52 -68.43 | 125.92 4.95 -69.95 | 113.70 3.87 -69.56 | 105.35 3.82 -61.30 | 111.89 5.16 -51.28 | 127.87 8.96 -22.58 | 175.71 15.69 1.78 | 180.33 15.96 1.83 | 149.37 13.71 1.43 | 139.36 12.32 1.30 | 125.72 10.79 1.07 | 118.73 9.68 0.95 | 120.81 5.15 -45.17 |
| SHOREHAM_IC_1 23715 | 100.35 6.67 -38.96 | 83.76 5.28 -27.71 | 74.15 4.46 -22.21 | 72.96 5.03 -14.39 | 74.20 5.11 -13.54 | 85.10 5.79 -22.58 | 96.07 7.13 -26.95 | 109.79 7.60 -42.80 | 128.71 12.72 -27.00 | 143.37 17.45 0.55 | 156.83 15.05 -37.24 | 142.33 8.60 -75.63 | 136.13 7.65 -77.46 | 129.97 6.04 -83.65 | 129.97 5.99 -83.75 | 130.15 8.04 -66.67 | 143.75 14.26 -33.16 | 189.58 24.11 -3.68 | 192.89 24.77 -1.92 | 167.40 20.70 -9.61 | 152.45 18.99 -5.12 | 135.88 16.59 -3.28 | 128.56 14.96 -3.60 | 127.95 8.18 -49.28 |
| SHOREHAM_IC_2 23716 | 100.35 6.67 -38.96 | 83.76 5.28 -27.71 | 74.15 4.46 -22.21 | 72.96 5.03 -14.39 | 74.20 5.11 -13.54 | 85.10 5.79 -22.58 | 96.07 7.13 -26.95 | 109.79 7.60 -42.80 | 128.71 12.72 -27.00 | 143.37 17.45 0.55 | 156.83 15.05 -37.24 | 142.33 8.60 -75.63 | 136.13 7.65 -77.46 | 129.97 6.04 -83.65 | 129.97 5.99 -83.75 | 130.15 8.04 -66.67 | 143.75 14.26 -33.16 | 189.58 24.11 -3.68 | 192.89 24.77 -1.92 | 167.40 20.70 -9.61 | 152.45 18.99 -5.12 | 135.88 16.59 -3.28 | 128.56 14.96 -3.60 | 127.95 8.18 -49.28 |
| SISSONVILLE___ 23735 | 54.44 -0.27 0.00 | 50.62 -0.15 0.00 | 47.24 -0.24 0.00 | 53.16 -0.37 0.00 | 55.16 -0.39 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.32 -1.07 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.61 -0.41 0.00 | 39.96 -0.32 0.00 | 39.90 -0.32 0.00 | 55.11 -0.33 0.00 | 94.89 -1.45 0.00 | 159.69 -2.10 0.00 | 163.88 -2.33 0.00 | 134.76 -2.33 0.00 | 127.18 -1.16 0.00 | 114.85 -1.16 0.00 | 109.01 -0.99 0.00 | 69.93 -0.56 0.00 |
| SITHE_IND_GS1 24169 | 55.02 -2.08 -2.39 | 50.49 -1.98 -1.70 | 46.94 -1.90 -1.36 | 52.28 -2.14 -0.88 | 54.16 -2.22 -0.83 | 55.90 -2.21 -1.39 | 61.30 -2.36 -1.67 | 59.59 -2.43 -2.64 | 87.00 -3.65 -1.66 | 121.28 -5.19 0.00 | 102.68 -4.18 -2.32 | 60.45 -2.27 -4.61 | 53.78 -1.94 -4.70 | 43.41 -1.53 -4.67 | 42.77 -1.57 -4.11 | 56.68 -2.22 -3.46 | 93.86 -4.05 -1.57 | 155.32 -6.47 0.00 | 159.73 -6.48 0.00 | 131.75 -5.35 0.00 | 123.21 -5.13 0.00 | 111.25 -4.76 0.00 | 105.60 -4.40 0.00 | 71.42 -2.11 -3.04 |

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| SITHE_IND_GS2 24170 | 55.02 -2.08 -2.39 | 50.49 -1.98 -1.70 | 46.94 -1.90 -1.36 | 52.28 -2.14 -0.88 | 54.16 -2.22 -0.83 | 55.90 -2.21 -1.39 | 61.30 -2.36 -1.67 | 59.59 -2.43 -2.64 | 87.00 -3.65 -1.66 | 121.28 -5.19 0.00 | 102.68 -4.18 -2.32 | 60.45 -2.27 -4.61 | 53.78 -1.94 -4.70 | 43.41 -1.53 -4.67 | 42.77 -1.57 -4.11 | 56.68 -2.22 -3.46 | 93.86 -4.05 -1.57 | 155.32 -6.47 0.00 | 159.73 -6.48 0.00 | 131.75 -5.35 0.00 | 123.21 -5.13 0.00 | 111.25 -4.76 0.00 | 105.60 -4.40 0.00 | 71.42 -2.11 -3.04 |
| SITHE_IND_GS3 24171 | 55.02 -2.08 -2.39 | 50.49 -1.98 -1.70 | 46.94 -1.90 -1.36 | 52.28 -2.14 -0.88 | 54.16 -2.22 -0.83 | 55.90 -2.21 -1.39 | 61.30 -2.36 -1.67 | 59.59 -2.43 -2.64 | 87.00 -3.65 -1.66 | 121.28 -5.19 0.00 | 102.68 -4.18 -2.32 | 60.45 -2.27 -4.61 | 53.78 -1.94 -4.70 | 43.41 -1.53 -4.67 | 42.77 -1.57 -4.11 | 56.68 -2.22 -3.46 | 93.86 -4.05 -1.57 | 155.32 -6.47 0.00 | 159.73 -6.48 0.00 | 131.75 -5.35 0.00 | 123.21 -5.13 0.00 | 111.25 -4.76 0.00 | 105.60 -4.40 0.00 | 71.42 -2.11 -3.04 |
| SITHE_IND_GS4 24172 | 55.02 -2.08 -2.39 | 50.49 -1.98 -1.70 | 46.94 -1.90 -1.36 | 52.28 -2.14 -0.88 | 54.16 -2.22 -0.83 | 55.90 -2.21 -1.39 | 61.30 -2.36 -1.67 | 59.59 -2.43 -2.64 | 87.00 -3.65 -1.66 | 121.28 -5.19 0.00 | 102.68 -4.18 -2.32 | 60.45 -2.27 -4.61 | 53.78 -1.94 -4.70 | 43.41 -1.53 -4.67 | 42.77 -1.57 -4.11 | 56.68 -2.22 -3.46 | 93.86 -4.05 -1.57 | 155.32 -6.47 0.00 | 159.73 -6.48 0.00 | 131.75 -5.35 0.00 | 123.21 -5.13 0.00 | 111.25 -4.76 0.00 | 105.60 -4.40 0.00 | 71.42 -2.11 -3.04 |
| SITHE___BATAVIA 24024 | 55.58 -4.38 -5.25 | 50.44 -4.06 -3.73 | 46.48 -3.99 -2.99 | 51.08 -4.39 -1.94 | 52.88 -4.50 -1.82 | 55.74 -4.42 -3.44 | 64.08 -4.52 -6.62 | 64.06 -4.28 -8.95 | 94.26 -5.96 -11.23 | 131.84 -7.84 -13.21 | 114.67 -5.85 -15.98 | 69.73 -3.37 -14.99 | 62.38 -2.86 -14.22 | 50.28 -2.46 -12.46 | 48.79 -2.53 -11.10 | 63.75 -3.38 -11.69 | 102.89 -6.26 -12.81 | 170.93 -9.22 -18.35 | 175.83 -9.31 -18.93 | 143.93 -7.95 -14.79 | 134.42 -7.32 -13.40 | 120.02 -7.08 -11.09 | 111.77 -8.03 -9.80 | 76.59 -5.15 -11.24 |
| SITHE___INDEPEND 23800 | 55.02 -2.08 -2.39 | 50.49 -1.98 -1.70 | 46.94 -1.90 -1.36 | 52.28 -2.14 -0.88 | 54.16 -2.22 -0.83 | 55.90 -2.21 -1.39 | 61.30 -2.36 -1.67 | 59.59 -2.43 -2.64 | 87.00 -3.65 -1.66 | 121.28 -5.19 0.00 | 102.68 -4.18 -2.32 | 60.45 -2.27 -4.61 | 53.78 -1.94 -4.70 | 43.41 -1.53 -4.67 | 42.77 -1.57 -4.11 | 56.68 -2.22 -3.46 | 93.86 -4.05 -1.57 | 155.32 -6.47 0.00 | 159.73 -6.48 0.00 | 131.75 -5.35 0.00 | 123.21 -5.13 0.00 | 111.25 -4.76 0.00 | 105.60 -4.40 0.00 | 71.42 -2.11 -3.04 |
| SITHE___MASSENA 23902 | 54.11 -0.60 0.00 | 50.26 -0.51 0.00 | 47.05 -0.43 0.00 | 53.05 -0.48 0.00 | 55.11 -0.44 0.00 | 56.27 -0.45 0.00 | 61.06 -0.93 0.00 | 58.38 -1.01 0.00 | 87.47 -1.51 0.00 | 124.57 -1.90 0.00 | 102.97 -1.57 0.00 | 57.17 -0.93 0.00 | 50.15 -0.87 0.00 | 39.67 -0.60 0.00 | 39.66 -0.56 0.00 | 54.73 -0.72 0.00 | 94.79 -1.54 0.00 | 159.20 -2.59 0.00 | 163.39 -2.83 0.00 | 134.49 -2.60 0.00 | 126.41 -1.93 0.00 | 114.38 -1.62 0.00 | 108.46 -1.54 0.00 | 69.43 -1.06 0.00 |
| SITHE___OGDNSBRG 24021 | 54.82 0.11 0.00 | 50.92 0.15 0.00 | 47.57 0.09 0.00 | 53.64 0.11 0.00 | 55.72 0.17 0.00 | 57.01 0.28 0.00 | 61.80 -0.19 0.00 | 59.03 -0.36 0.00 | 88.63 -0.36 0.00 | 126.34 -0.13 0.00 | 104.65 0.10 0.00 | 58.16 0.06 0.00 | 50.97 -0.05 0.00 | 40.28 0.00 0.00 | 40.22 0.00 0.00 | 55.56 0.11 0.00 | 96.14 -0.19 0.00 | 161.79 0.00 0.00 | 166.04 -0.17 0.00 | 136.54 -0.55 0.00 | 128.34 0.00 0.00 | 115.89 -0.12 0.00 | 109.78 -0.22 0.00 | 70.35 -0.14 0.00 |
| SITHE___STERLING 23777 | 56.66 0.71 -1.23 | 52.31 0.66 -0.88 | 48.65 0.47 -0.70 | 54.53 0.54 -0.46 | 56.59 0.61 -0.43 | 58.18 0.74 -0.72 | 63.72 0.87 -0.86 | 61.47 0.71 -1.37 | 91.09 1.25 -0.86 | 128.36 1.90 0.00 | 107.62 1.88 -1.20 | 61.59 1.10 -2.39 | 54.47 1.02 -2.44 | 43.42 0.73 -2.42 | 43.04 0.68 -2.13 | 58.12 0.89 -1.79 | 98.40 1.25 -0.81 | 164.87 3.07 0.00 | 169.54 3.32 0.00 | 139.70 2.60 0.00 | 130.52 2.18 0.00 | 117.63 1.62 0.00 | 110.99 0.99 0.00 | 73.20 1.13 -1.58 |
| SOUTH CAIRO___GT 23612 | 104.86 6.46 -43.69 | 87.74 5.89 -31.08 | 77.80 5.41 -24.91 | 75.78 6.10 -16.14 | 77.02 6.28 -15.18 | 88.58 7.44 -25.33 | 99.71 7.72 -30.28 | 115.17 7.72 -48.06 | 130.72 11.92 -29.81 | 143.19 17.83 1.11 | 160.72 14.64 -41.54 | 150.33 8.19 -84.04 | 144.18 7.30 -85.87 | 131.28 5.68 -85.32 | 120.94 5.51 -75.20 | 126.15 7.71 -62.99 | 137.53 13.20 -28.00 | 183.71 23.46 1.54 | 188.39 23.77 1.59 | 156.14 20.29 1.24 | 145.05 17.84 1.12 | 130.97 15.89 0.93 | 123.58 14.41 0.82 | 133.81 7.97 -55.35 |
| SOUTH HAMPTN___IC 23720 | 101.11 7.44 -38.96 | 84.47 5.99 -27.71 | 74.77 5.08 -22.21 | 73.66 5.73 -14.39 | 74.93 5.83 -13.54 | 85.89 6.58 -22.58 | 96.93 8.00 -26.95 | 110.74 8.55 -42.80 | 130.13 14.15 -26.99 | 145.64 19.73 0.56 | 158.60 16.83 -37.23 | 143.26 9.53 -75.62 | 136.98 8.52 -77.44 | 130.60 6.69 -83.64 | 130.60 6.64 -83.74 | 131.03 8.93 -66.65 | 145.47 15.99 -33.14 | 192.81 27.34 -3.67 | 196.37 28.26 -1.90 | 170.13 23.44 -9.59 | 154.87 21.43 -5.10 | 137.83 18.56 -3.26 | 130.20 16.61 -3.59 | 128.93 9.16 -49.28 |
| SOUTHOLD___IC 23719 | 105.05 11.38 -38.96 | 87.98 9.49 -27.71 | 78.00 8.31 -22.21 | 77.30 9.37 -14.39 | 78.76 9.67 -13.54 | 89.97 10.66 -22.58 | 101.58 12.64 -26.95 | 115.25 13.07 -42.80 | 137.07 21.09 -26.99 | 155.63 29.72 0.56 | 166.76 24.99 -37.23 | 147.79 14.06 -75.62 | 140.86 12.40 -77.45 | 133.66 9.75 -83.64 | 133.70 9.73 -83.74 | 135.30 13.20 -66.65 | 153.66 24.18 -33.14 | 207.37 41.90 -3.67 | 211.50 43.38 -1.90 | 182.74 36.06 -9.60 | 167.07 33.62 -5.10 | 147.70 28.42 -3.26 | 138.45 24.86 -3.59 | 134.01 14.24 -49.28 |
| ST LAWRENCE____ 23600 | 53.78 -0.93 0.00 | 49.96 -0.81 0.00 | 46.76 -0.71 0.00 | 52.73 -0.80 0.00 | 54.72 -0.83 0.00 | 55.88 -0.85 0.00 | 60.56 -1.43 0.00 | 57.96 -1.43 0.00 | 86.85 -2.14 0.00 | 123.43 -3.04 0.00 | 101.93 -2.61 0.00 | 56.59 -1.51 0.00 | 49.64 -1.38 0.00 | 39.31 -0.97 0.00 | 39.26 -0.97 0.00 | 54.23 -1.22 0.00 | 94.12 -2.22 0.00 | 157.75 -4.04 0.00 | 161.89 -4.32 0.00 | 133.25 -3.84 0.00 | 125.26 -3.08 0.00 | 113.46 -2.55 0.00 | 107.80 -2.20 0.00 | 69.01 -1.48 0.00 |
| STATION 5_MISC_HYD 23604 | 58.72 -0.44 -4.45 | 53.42 -0.51 -3.16 | 49.39 -0.62 -2.53 | 54.75 -0.43 -1.64 | 56.76 -0.33 -1.55 | 59.24 -0.28 -2.80 | 66.82 0.12 -4.71 | 66.31 0.30 -6.62 | 97.53 1.33 -7.21 | 136.42 2.78 -7.17 | 118.21 3.45 -10.22 | 71.01 1.69 -11.22 | 63.72 1.84 -10.86 | 51.21 1.05 -9.88 | 49.97 0.97 -8.78 | 65.77 1.66 -8.66 | 106.75 2.41 -8.00 | 178.22 6.47 -9.96 | 183.30 6.81 -10.27 | 150.60 5.48 -8.02 | 141.26 5.65 -7.27 | 126.55 4.52 -6.02 | 117.19 1.87 -5.32 | 78.91 0.28 -8.14 |
| STEEL___WIND 323596 | 55.21 -5.69 -6.19 | 49.99 -5.18 -4.40 | 45.97 -5.03 -3.53 | 50.20 -5.62 -2.29 | 51.87 -5.83 -2.15 | 52.24 -5.90 -1.41 | 43.97 -6.07 11.94 | 43.06 -5.88 10.45 | 43.09 -8.54 37.35 | 42.15 -11.63 72.68 | 41.59 -9.10 53.86 | 38.30 -5.06 14.75 | 37.54 -4.39 9.09 | 36.70 -3.63 -0.05 | 35.94 -3.66 0.63 | 36.88 -5.05 13.52 | 39.88 -9.06 47.39 | 46.76 -14.08 100.96 | 47.97 -14.13 104.11 | 43.71 -12.06 81.32 | 43.48 -11.17 73.69 | 44.45 -10.56 61.00 | 44.96 -11.11 53.93 | 46.47 -6.91 17.12 |
| STEBEN_REC_LFGE 323667 | 61.79 -0.71 -7.79 | 55.96 -0.52 -5.54 | 51.40 -0.50 -4.44 | 55.83 -0.59 -2.88 | 57.76 -0.50 -2.71 | 60.80 -0.40 -4.47 | 67.29 0.25 -5.05 | 67.77 0.18 -8.20 | 94.03 0.62 -4.42 | 125.60 0.89 1.75 | 111.81 1.15 -6.12 | 73.32 0.81 -14.40 | 66.63 0.77 -14.85 | 55.63 0.40 -14.95 | 53.62 0.24 -13.16 | 66.36 0.17 -10.74 | 100.03 -0.19 -3.89 | 160.97 1.62 2.44 | 166.03 2.33 2.51 | 136.50 1.37 1.96 | 127.97 1.41 1.78 | 114.77 0.23 1.47 | 107.38 -1.32 1.30 | 79.48 -0.35 -9.34 |
| STONY___BROOK 24151 | 100.89 7.22 -38.96 | 84.32 5.84 -27.71 | 74.67 4.98 -22.21 | 73.55 5.62 -14.39 | 74.82 5.72 -13.54 | 85.66 6.35 -22.58 | 96.62 7.69 -26.95 | 110.38 8.20 -42.80 | 129.61 13.61 -27.01 | 144.65 18.72 0.54 | 157.89 16.10 -37.24 | 142.93 9.18 -75.65 | 136.71 8.21 -77.48 | 130.40 6.44 -83.67 | 130.39 6.40 -83.77 | 130.73 8.59 -66.69 | 144.46 14.93 -33.19 | 190.10 24.59 -3.71 | 193.42 25.26 -1.94 | 167.98 21.25 -9.64 | 153.00 19.51 -5.15 | 136.48 17.17 -3.30 | 129.47 15.84 -3.63 | 128.58 8.81 -49.28 |

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| STURGEON_POOL_HYD 23609 | 100.07 5.36 -40.00 | 83.89 4.67 -28.45 | 74.50 4.23 -22.80 | 73.08 4.76 -14.78 | 74.34 4.89 -13.90 | 85.02 5.11 -23.18 | 95.74 6.07 -27.68 | 109.99 6.65 -43.95 | 126.76 10.59 -27.18 | 140.70 15.43 1.19 | 155.46 13.07 -37.85 | 142.34 7.44 -76.80 | 136.13 6.63 -78.48 | 123.40 5.12 -78.01 | 113.96 4.99 -68.75 | 119.83 6.82 -57.56 | 133.57 11.75 -25.48 | 180.84 20.71 1.66 | 185.61 21.11 1.71 | 153.85 18.10 1.34 | 143.30 16.17 1.21 | 129.39 14.39 1.00 | 121.76 12.65 0.89 | 127.87 6.77 -50.61 |
| SYRACUSE__ENERGY_ST1 323597 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| SYRACUSE__ENERGY_ST2 323598 | 57.54 -0.88 -3.70 | 52.59 -0.81 -2.63 | 48.78 -0.81 -2.11 | 53.94 -0.96 -1.37 | 55.90 -0.94 -1.29 | 58.00 -0.91 -2.18 | 63.95 -0.87 -2.83 | 62.73 -1.01 -4.35 | 90.67 -1.51 -3.20 | 125.27 -2.28 -1.08 | 107.36 -1.67 -4.49 | 64.95 -0.70 -7.55 | 58.07 -0.56 -7.61 | 47.17 -0.52 -7.42 | 46.25 -0.52 -6.55 | 60.31 -0.83 -5.70 | 97.71 -1.83 -3.20 | 160.87 -2.43 -1.50 | 165.44 -2.33 -1.55 | 136.38 -1.92 -1.21 | 127.51 -1.93 -1.10 | 114.83 -2.09 -0.91 | 108.60 -2.20 -0.80 | 74.81 -0.78 -5.09 |
| SYRACUSE__POWER 24017 | 57.74 -0.66 -3.68 | 52.78 -0.61 -2.62 | 48.91 -0.66 -2.10 | 54.15 -0.75 -1.36 | 56.11 -0.72 -1.28 | 58.18 -0.68 -2.14 | 63.88 -0.68 -2.57 | 62.63 -0.83 -4.07 | 90.40 -1.16 -2.57 | 124.70 -1.77 0.00 | 106.87 -1.25 -3.58 | 64.70 -0.52 -7.11 | 57.87 -0.41 -7.26 | 47.08 -0.40 -7.20 | 46.13 -0.44 -6.35 | 60.12 -0.67 -5.34 | 97.31 -1.45 -2.43 | 160.01 -1.78 0.00 | 164.72 -1.50 0.00 | 135.72 -1.37 0.00 | 126.93 -1.41 0.00 | 114.38 -1.62 0.00 | 108.24 -1.76 0.00 | 74.63 -0.56 -4.70 |
| UNION__PROCESSING_DRP 323587 | 55.67 -3.61 -4.57 | 50.67 -3.35 -3.25 | 46.81 -3.28 -2.61 | 51.64 -3.59 -1.69 | 53.48 -3.67 -1.59 | 55.99 -3.63 -2.90 | 63.34 -3.66 -5.01 | 62.93 -3.44 -6.98 | 91.92 -4.89 -7.83 | 127.99 -6.58 -8.10 | 110.74 -4.91 -11.11 | 67.06 -2.85 -11.80 | 60.00 -2.40 -11.38 | 48.51 -2.05 -10.28 | 47.27 -2.09 -9.14 | 61.75 -2.83 -9.13 | 99.88 -5.20 -8.75 | 165.12 -7.93 -11.26 | 169.84 -7.98 -11.61 | 139.58 -6.58 -9.07 | 130.40 -6.16 -8.22 | 116.89 -5.92 -6.80 | 109.52 -6.49 -6.01 | 75.02 -4.09 -8.62 |
| UPPER HUDSON__HYD 24058 | 107.55 2.57 -50.27 | 89.22 2.69 -35.76 | 78.98 2.85 -28.66 | 75.43 3.32 -18.57 | 76.52 3.50 -17.47 | 89.29 3.40 -29.16 | 100.25 3.35 -34.92 | 117.97 3.21 -55.37 | 128.28 4.81 -34.48 | 133.23 7.71 0.95 | 157.61 5.02 -48.05 | 157.43 2.56 -96.77 | 152.52 2.65 -98.85 | 140.44 1.97 -98.18 | 128.45 1.69 -86.54 | 130.77 2.77 -72.55 | 133.59 4.82 -32.43 | 169.70 9.22 1.32 | 174.16 9.31 1.36 | 143.57 7.54 1.06 | 134.05 6.67 0.96 | 121.01 5.80 0.80 | 115.45 6.16 0.70 | 137.04 2.75 -63.80 |
| UPPER RAQUET__HYD 24056 | 54.44 -0.27 0.00 | 50.62 -0.15 0.00 | 47.24 -0.24 0.00 | 53.16 -0.37 0.00 | 55.16 -0.39 0.00 | 56.44 -0.28 0.00 | 61.30 -0.68 0.00 | 58.32 -1.07 0.00 | 87.56 -1.42 0.00 | 124.70 -1.77 0.00 | 103.81 -0.73 0.00 | 57.70 -0.41 0.00 | 50.61 -0.41 0.00 | 39.96 -0.32 0.00 | 39.90 -0.32 0.00 | 55.11 -0.33 0.00 | 94.89 -1.45 0.00 | 159.69 -2.10 0.00 | 163.88 -2.33 0.00 | 134.76 -2.33 0.00 | 127.18 -1.16 0.00 | 114.85 -1.16 0.00 | 109.01 -0.99 0.00 | 69.93 -0.56 0.00 |
| VISCHER__FERRY HYD 24020 | 108.22 4.16 -49.36 | 89.94 4.06 -35.11 | 79.50 3.89 -28.14 | 76.16 4.39 -18.23 | 77.26 4.56 -17.15 | 89.95 4.59 -28.62 | 101.09 4.83 -34.27 | 118.50 4.75 -54.36 | 129.67 6.85 -33.83 | 135.49 9.99 0.97 | 159.42 7.74 -47.14 | 157.29 4.18 -95.00 | 151.69 3.62 -97.05 | 139.50 2.82 -96.40 | 128.00 2.82 -84.96 | 130.72 4.05 -71.22 | 135.28 7.13 -31.82 | 172.10 11.65 1.35 | 176.62 11.80 1.39 | 145.88 9.87 1.08 | 135.83 8.47 0.98 | 122.85 7.66 0.81 | 117.20 7.92 0.72 | 137.56 4.44 -62.63 |
| WADING RIVER_IC_1 23522 | 100.29 6.62 -38.96 | 83.71 5.23 -27.71 | 74.05 4.37 -22.21 | 72.91 4.98 -14.39 | 74.15 5.06 -13.54 | 85.04 5.73 -22.58 | 95.94 7.00 -26.95 | 109.79 7.60 -42.80 | 128.61 12.64 -26.99 | 143.36 17.45 0.56 | 156.83 15.05 -37.23 | 142.26 8.54 -75.62 | 136.11 7.65 -77.44 | 129.91 6.00 -83.63 | 129.91 5.95 -83.73 | 130.08 7.98 -66.65 | 143.63 14.16 -33.13 | 189.56 24.11 -3.66 | 192.87 24.77 -1.90 | 167.38 20.70 -9.59 | 152.43 18.99 -5.09 | 135.85 16.59 -3.26 | 128.43 14.85 -3.58 | 127.95 8.18 -49.28 |
| WADING RIVER_IC_2 23547 | 100.29 6.62 -38.96 | 83.71 5.23 -27.71 | 74.05 4.37 -22.21 | 72.91 4.98 -14.39 | 74.15 5.06 -13.54 | 85.04 5.73 -22.58 | 95.94 7.00 -26.95 | 109.79 7.60 -42.80 | 128.61 12.64 -26.99 | 143.36 17.45 0.56 | 156.83 15.05 -37.23 | 142.26 8.54 -75.62 | 136.11 7.65 -77.44 | 129.91 6.00 -83.63 | 129.91 5.95 -83.73 | 130.08 7.98 -66.65 | 143.63 14.16 -33.13 | 189.56 24.11 -3.66 | 192.87 24.77 -1.90 | 167.38 20.70 -9.59 | 152.43 18.99 -5.09 | 135.85 16.59 -3.26 | 128.43 14.85 -3.58 | 127.95 8.18 -49.28 |
| WADING RIVER_IC_3 23601 | 100.29 6.62 -38.96 | 83.71 5.23 -27.71 | 74.05 4.37 -22.21 | 72.91 4.98 -14.39 | 74.15 5.06 -13.54 | 85.04 5.73 -22.58 | 95.94 7.00 -26.95 | 109.79 7.60 -42.80 | 128.61 12.64 -26.99 | 143.36 17.45 0.56 | 156.83 15.05 -37.23 | 142.26 8.54 -75.62 | 136.11 7.65 -77.44 | 129.91 6.00 -83.63 | 129.91 5.95 -83.73 | 130.08 7.98 -66.65 | 143.63 14.16 -33.13 | 189.56 24.11 -3.66 | 192.87 24.77 -1.90 | 167.38 20.70 -9.59 | 152.43 18.99 -5.09 | 135.85 16.59 -3.26 | 128.43 14.85 -3.58 | 127.95 8.18 -49.28 |
| WALDEN__HYDRO 24148 | 96.82 4.10 -38.00 | 81.30 3.50 -27.03 | 72.23 3.09 -21.67 | 71.11 3.53 -14.04 | 72.37 3.61 -13.21 | 82.55 3.80 -22.03 | 92.79 4.52 -26.28 | 106.06 4.93 -41.74 | 122.68 7.92 -25.77 | 136.61 11.38 1.24 | 150.15 9.83 -35.78 | 136.41 5.58 -72.73 | 130.35 5.00 -74.33 | 118.04 3.87 -73.90 | 109.17 3.82 -65.13 | 115.11 5.16 -54.51 | 129.46 9.06 -24.07 | 176.09 16.02 1.72 | 180.73 16.29 1.77 | 149.69 13.98 1.38 | 139.66 12.58 1.25 | 126.11 11.14 1.04 | 118.76 9.68 0.92 | 123.55 5.00 -48.05 |
| WARRENSBURG____ 23737 | 107.28 2.30 -50.27 | 88.96 2.44 -35.76 | 78.74 2.61 -28.66 | 75.11 3.00 -18.57 | 76.25 3.22 -17.47 | 88.95 3.06 -29.16 | 99.88 2.98 -34.92 | 117.73 2.97 -55.37 | 127.92 4.45 -34.48 | 132.73 7.21 0.95 | 157.08 4.50 -48.05 | 157.20 2.32 -96.77 | 152.26 2.40 -98.85 | 140.28 1.81 -98.18 | 128.29 1.53 -86.54 | 130.44 2.44 -72.55 | 133.10 4.34 -32.43 | 168.89 8.41 1.32 | 173.33 8.48 1.36 | 143.02 6.99 1.06 | 133.41 6.03 0.96 | 120.55 5.34 0.80 | 114.90 5.61 0.70 | 136.69 2.40 -63.80 |
| WATERSIDE____6 8 9 23538 | 98.82 5.14 -38.96 | 83.11 4.62 -27.72 | 73.82 4.13 -22.22 | 72.70 4.76 -14.40 | 73.99 4.89 -13.55 | 84.36 5.05 -22.58 | 94.64 5.70 -26.95 | 108.24 6.06 -42.80 | 124.86 9.43 -26.44 | 138.40 13.15 1.22 | 153.28 11.92 -36.82 | 139.77 6.86 -74.81 | 133.69 6.22 -76.45 | 121.19 4.91 -76.00 | 116.64 4.87 -71.55 | 118.06 6.54 -56.07 | 132.50 11.37 -24.80 | 179.53 19.42 1.68 | 181.00 19.95 5.16 | 149.43 16.73 4.38 | 138.65 15.40 5.09 | 122.29 13.69 7.40 | 121.53 12.43 0.90 | 126.47 6.70 -49.28 |
| WDELAWARE__HYD 323627 | 90.77 2.35 -33.70 | 76.87 2.13 -23.97 | 68.54 1.85 -19.21 | 68.13 2.14 -12.45 | 69.43 2.17 -11.71 | 78.52 2.27 -19.53 | 88.09 2.85 -23.26 | 99.68 3.33 -36.96 | 117.23 5.52 -22.73 | 133.12 7.97 1.31 | 142.74 6.59 -31.61 | 126.43 3.78 -64.55 | 120.43 3.42 -65.99 | 108.57 2.66 -65.63 | 100.64 2.57 -57.84 | 107.37 3.55 -48.37 | 123.74 6.17 -21.24 | 171.29 1.82 1.82 | 175.63 11.30 1.88 | 144.95 9.32 1.47 | 134.71 7.70 1.33 | 122.10 7.19 1.10 | 115.40 6.38 0.97 | 116.13 3.10 -42.54 |
| WEST BABYLON__IC 23714 | 100.68 7.00 -38.96 | 84.17 5.69 -27.71 | 74.58 4.89 -22.21 | 73.44 5.51 -14.39 | 74.70 5.61 -13.54 | 85.49 6.18 -22.58 | 96.38 7.44 -26.95 | 110.15 7.96 -42.80 | 129.65 12.99 -27.67 | 144.69 17.96 -0.27 | 157.75 15.47 -37.74 | 143.56 8.83 -76.62 | 137.59 7.91 -78.66 | 131.51 6.16 -85.07 | 131.51 6.11 -85.17 | 131.80 8.26 -68.09 | 145.86 14.55 -34.98 | 192.09 25.08 -5.22 | 195.33 25.76 -3.36 | 169.57 21.25 -11.23 | 154.78 19.51 -6.93 | 138.07 17.29 -4.77 | 130.84 15.73 -5.11 | 128.58 8.81 -49.28 |

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| WEST CANADA___HYD 24049 | 54.28 0.38 0.81 | 50.55 0.36 0.58 | 47.30 0.28 0.46 | 53.61 0.37 0.30 | 55.66 0.39 0.28 | 56.65 0.40 0.47 | 61.91 0.50 0.57 | 58.97 0.48 0.90 | 89.13 0.71 0.57 | 127.48 1.01 0.00 | 104.59 0.84 0.79 | 57.00 0.46 1.57 | 49.87 0.46 1.60 | 39.05 0.36 1.59 | 39.15 0.32 1.40 | 54.71 0.44 1.18 | 96.57 0.77 0.53 | 163.09 1.29 0.00 | 167.54 1.33 0.00 | 138.33 1.23 0.00 | 129.37 1.03 0.00 | 116.94 0.93 0.00 | 110.88 0.88 0.00 | 70.02 0.56 1.04 |
| WESTERN_NY_WIND 24143 | 55.60 -4.43 -5.32 | 50.44 -4.11 -3.78 | 46.47 -4.04 -3.03 | 51.06 -4.44 -1.96 | 52.85 -4.56 -1.85 | 55.74 -4.48 -3.50 | 64.18 -4.59 -6.78 | 64.20 -4.34 -9.14 | 94.50 -6.05 -11.57 | 132.09 -8.09 -13.72 | 115.04 -5.96 -16.46 | 69.98 -3.43 -15.30 | 62.60 -2.91 -14.50 | 50.45 -2.50 -12.67 | 48.94 -2.57 -11.29 | 63.90 -3.49 -11.94 | 103.09 -6.45 -13.21 | 171.46 -9.38 -19.05 | 176.39 -9.47 -19.65 | 144.22 -8.23 -15.35 | 134.80 -7.44 -13.91 | 120.33 -7.19 -11.51 | 112.04 -8.14 -10.18 | 76.78 -5.22 -11.50 |
| WESTOVER___LESR 323668 | 67.36 0.05 -12.60 | 59.83 0.10 -8.96 | 54.66 0.00 -7.18 | 58.19 0.00 -4.65 | 59.93 0.00 -4.38 | 63.88 0.06 -7.10 | 69.62 0.43 -7.20 | 71.92 0.30 -12.23 | 94.28 0.62 -4.67 | 120.07 0.76 7.16 | 111.71 0.84 -6.33 | 80.38 0.58 -21.69 | 74.31 0.56 -22.73 | 64.04 0.32 -23.44 | 61.10 0.28 -20.60 | 71.81 0.33 -16.03 | 99.94 0.39 -3.22 | 153.14 1.29 9.94 | 157.62 1.66 10.26 | 130.32 1.23 8.01 | 122.11 1.03 7.26 | 110.46 0.46 6.01 | 104.69 0.00 5.31 | 84.31 0.21 -13.61 |
| WETHRSFD_WT_PWR 323626 | 57.33 -4.10 -6.72 | 51.90 -3.66 -4.78 | 47.70 -3.61 -3.83 | 52.00 -4.02 -2.48 | 53.72 -4.17 -2.34 | 56.77 -4.20 -4.24 | 65.03 -4.15 -7.20 | 65.44 -4.04 -10.09 | 94.29 -5.78 -11.08 | 129.66 -7.97 -11.16 | 114.10 -6.17 -15.72 | 71.82 -3.37 -17.08 | 64.63 -2.91 -16.52 | 52.86 -2.42 -15.00 | 51.01 -2.53 -13.32 | 65.14 -3.49 -13.19 | 102.31 -6.36 -12.33 | 167.91 -9.38 -15.51 | 172.89 -9.31 -15.99 | 141.49 -8.09 -12.49 | 132.21 -7.44 -11.32 | 117.95 -7.42 -9.37 | 110.14 -8.14 -8.28 | 77.97 -4.93 -12.42 |
| YORK___WARBASSE 23770 | 99.15 5.47 -38.97 | 83.31 4.82 -27.72 | 73.97 4.27 -22.22 | 72.86 4.93 -14.40 | 74.16 5.06 -13.55 | 84.47 5.16 -22.58 | 94.76 5.83 -26.95 | 108.36 6.18 -42.80 | 125.22 9.79 -26.44 | 138.90 13.66 1.22 | 153.91 12.55 -36.82 | 140.11 7.20 -74.81 | 134.00 6.53 -76.45 | 121.43 5.16 -76.00 | 116.90 5.11 -71.57 | 118.39 6.88 -56.07 | 133.08 11.95 -24.80 | 180.50 20.39 1.68 | 202.37 21.11 -15.05 | 168.17 17.68 -13.39 | 162.37 16.30 -17.73 | 162.21 14.50 -31.70 | 122.19 13.09 0.90 | 126.82 7.05 -49.28 |