

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/06/2015

| 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 | 109.52 | 103.14 | 101.09 | 101.17 | 104.75 | 119.02 | 151.75 | 158.57 | 157.19 | 156.60 | 155.41 | 151.51 | 143.72 | 134.91 | 126.21 | 128.69 | 142.31 | 155.99 | 179.22 | 158.23 | 150.07 | 128.16 | 113.38 | 108.36 |
| 24138 | 4.91 | 4.99 | 5.56 | 5.40 | 5.89 | 7.01 | 15.99 | 17.61 | 18.20 | 18.75 | 18.60 | 17.46 | 10.75 | 8.45 | 7.96 | 6.79 | 6.82 | 7.72 | 10.63 | 9.15 | 9.49 | 8.54 | 7.61 | 6.07 |
| | -60.79 | -53.20 | -45.89 | -45.38 | -45.27 | -48.80 | 0.94 | 1.12 | 0.00 | 0.00 | 0.00 | -5.61 | -54.47 | -65.65 | -60.56 | -73.41 | -85.70 | -91.96 | -91.56 | -82.77 | -71.31 | -56.33 | -47.62 | -51.67 |
| 74TH STREET_GT_1 | 109.57 | 103.19 | 101.14 | 101.22 | 104.75 | 119.02 | 151.75 | 158.43 | 157.05 | 156.46 | 155.41 | 151.51 | 143.80 | 134.91 | 126.21 | 128.69 | 142.36 | 155.99 | 179.23 | 158.24 | 150.14 | 128.23 | 113.50 | 108.42 |
| 24260 | 4.95 | 5.03 | 5.61 | 5.44 | 5.89 | 7.01 | 15.99 | 17.47 | 18.06 | 18.60 | 18.60 | 17.46 | 10.84 | 8.45 | 7.96 | 6.79 | 6.87 | 7.72 | 10.63 | 9.15 | 9.56 | 8.61 | 7.73 | 6.12 |
| | -60.79 | -53.20 | -45.89 | -45.38 | -45.27 | -48.80 | 0.94 | 1.12 | 0.00 | 0.00 | 0.00 | -5.61 | -54.47 | -65.66 | -60.56 | -73.42 | -85.71 | -91.97 | -91.57 | -82.78 | -71.31 | -56.33 | -47.63 | -51.67 |
| 74TH STREET_GT_2 | 109.57 | 103.19 | 101.14 | 101.22 | 104.75 | 119.02 | 151.75 | 158.43 | 157.05 | 156.46 | 155.41 | 151.51 | 143.80 | 134.91 | 126.21 | 128.69 | 142.36 | 155.99 | 179.23 | 158.24 | 150.14 | 128.23 | 113.50 | 108.42 |
| 24261 | 4.95 | 5.03 | 5.61 | 5.44 | 5.89 | 7.01 | 15.99 | 17.47 | 18.06 | 18.60 | 18.60 | 17.46 | 10.84 | 8.45 | 7.96 | 6.79 | 6.87 | 7.72 | 10.63 | 9.15 | 9.56 | 8.61 | 7.73 | 6.12 |
| | -60.79 | -53.20 | -45.89 | -45.38 | -45.27 | -48.80 | 0.94 | 1.12 | 0.00 | 0.00 | 0.00 | -5.61 | -54.47 | -65.66 | -60.56 | -73.42 | -85.71 | -91.97 | -91.57 | -82.78 | -71.31 | -56.33 | -47.63 | -51.67 |
| ADK HUDSON___FALLS | 127.66 | 118.96 | 114.73 | 114.75 | 118.32 | 133.15 | 150.50 | 155.58 | 152.05 | 151.77 | 150.76 | 141.92 | 138.53 | 131.78 | 126.26 | 126.85 | 123.54 | 144.47 | 175.17 | 156.50 | 146.68 | 142.74 | 126.34 | 123.15 |
| 24011 | 4.25 | 4.36 | 5.01 | 4.94 | 5.47 | 6.01 | 13.80 | 13.50 | 13.06 | 13.92 | 13.96 | 13.48 | 8.16 | 6.32 | 6.06 | 5.04 | 4.83 | 5.63 | 7.47 | 6.50 | 6.72 | 6.08 | 6.16 | 5.22 |
| | -79.59 | -69.64 | -60.08 | -59.41 | -59.26 | -63.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -51.87 | -64.65 | -62.51 | -73.32 | -68.93 | -82.53 | -90.67 | -83.69 | -70.69 | -73.37 | -62.03 | -67.31 |
| ADK RESOURCE___RCVRY | 126.22 | 117.84 | 113.75 | 113.89 | 117.71 | 132.41 | 151.87 | 156.15 | 152.33 | 152.61 | 151.85 | 142.94 | 138.26 | 130.81 | 125.36 | 125.74 | 122.78 | 143.61 | 174.33 | 155.51 | 146.10 | 142.45 | 125.96 | 122.53 |
| 23798 | 4.91 | 5.08 | 5.61 | 5.64 | 6.43 | 6.95 | 15.17 | 14.07 | 13.34 | 14.76 | 15.05 | 14.51 | 9.26 | 7.05 | 6.80 | 5.86 | 5.57 | 6.59 | 8.63 | 7.36 | 7.69 | 7.40 | 7.15 | 6.07 |
| | -77.49 | -67.81 | -58.50 | -57.84 | -57.70 | -62.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -50.51 | -62.96 | -60.87 | -71.38 | -67.42 | -80.71 | -88.68 | -81.85 | -69.14 | -71.76 | -60.67 | -65.83 |
| ADK S GLENS___FALLS | 127.66 | 118.96 | 114.73 | 114.75 | 118.32 | 133.15 | 150.50 | 155.58 | 152.05 | 151.77 | 150.76 | 141.92 | 138.53 | 131.78 | 126.26 | 126.85 | 123.54 | 144.47 | 175.17 | 156.50 | 146.68 | 142.74 | 126.34 | 123.15 |
| 24028 | 4.25 | 4.36 | 5.01 | 4.94 | 5.47 | 6.01 | 13.80 | 13.50 | 13.06 | 13.92 | 13.96 | 13.48 | 8.16 | 6.32 | 6.06 | 5.04 | 4.83 | 5.63 | 7.47 | 6.50 | 6.72 | 6.08 | 6.16 | 5.22 |
| | -79.59 | -69.64 | -60.08 | -59.41 | -59.26 | -63.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -51.87 | -64.65 | -62.51 | -73.32 | -68.93 | -82.53 | -90.67 | -83.69 | -70.69 | -73.37 | -62.03 | -67.31 |
| ADK_NYS___DAM | 123.28 | 115.14 | 111.20 | 111.29 | 114.95 | 129.49 | 148.73 | 153.45 | 149.97 | 149.99 | 148.97 | 140.12 | 135.12 | 127.80 | 122.43 | 122.80 | 120.99 | 141.39 | 171.64 | 153.22 | 143.92 | 140.19 | 123.77 | 120.54 |
| 23527 | 4.03 | 4.18 | 4.62 | 4.59 | 5.20 | 5.69 | 12.03 | 11.37 | 10.98 | 12.13 | 12.17 | 11.69 | 7.46 | 5.71 | 5.48 | 4.75 | 4.43 | 5.12 | 6.78 | 5.84 | 6.16 | 5.82 | 5.53 | 4.71 |
| | -75.42 | -66.00 | -56.94 | -56.30 | -56.16 | -60.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.17 | -61.29 | -59.25 | -69.56 | -66.78 | -79.95 | -87.84 | -81.07 | -68.48 | -71.08 | -60.09 | -65.21 |
| AIR_PRODUCTS___DRP | 123.21 | 114.85 | 110.72 | 110.74 | 114.09 | 128.71 | 143.53 | 148.62 | 145.66 | 145.16 | 144.05 | 135.50 | 132.73 | 126.43 | 121.07 | 121.82 | 118.76 | 138.73 | 168.27 | 150.28 | 140.94 | 137.18 | 121.02 | 118.24 |
| 24190 | 2.81 | 2.88 | 3.28 | 3.18 | 3.48 | 3.98 | 6.83 | 6.54 | 6.67 | 7.30 | 7.25 | 7.06 | 4.31 | 3.40 | 3.23 | 2.76 | 2.54 | 2.87 | 3.85 | 3.31 | 3.53 | 3.16 | 3.08 | 2.73 |
| | -76.58 | -67.01 | -57.81 | -57.16 | -57.02 | -61.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.92 | -62.22 | -60.16 | -70.57 | -66.44 | -79.55 | -87.40 | -80.66 | -68.14 | -70.72 | -59.79 | -64.88 |
| ALBANY___1 | 123.21 | 114.85 | 110.72 | 110.74 | 114.09 | 128.71 | 143.53 | 148.62 | 145.66 | 145.16 | 144.05 | 135.50 | 132.73 | 126.43 | 121.07 | 121.82 | 118.76 | 138.73 | 168.27 | 150.28 | 140.94 | 137.18 | 121.02 | 118.24 |
| 23571 | 2.81 | 2.88 | 3.28 | 3.18 | 3.48 | 3.98 | 6.83 | 6.54 | 6.67 | 7.30 | 7.25 | 7.06 | 4.31 | 3.40 | 3.23 | 2.76 | 2.54 | 2.87 | 3.85 | 3.31 | 3.53 | 3.16 | 3.08 | 2.73 |
| | -76.58 | -67.01 | -57.81 | -57.16 | -57.02 | -61.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.92 | -62.22 | -60.16 | -70.57 | -66.44 | -79.55 | -87.40 | -80.66 | -68.14 | -70.72 | -59.79 | -64.88 |
| ALBANY___2 | 123.21 | 114.85 | 110.72 | 110.74 | 114.09 | 128.71 | 143.53 | 148.62 | 145.66 | 145.16 | 144.05 | 135.50 | 132.73 | 126.43 | 121.07 | 121.82 | 118.76 | 138.73 | 168.27 | 150.28 | 140.94 | 137.18 | 121.02 | 118.24 |
| 23572 | 2.81 | 2.88 | 3.28 | 3.18 | 3.48 | 3.98 | 6.83 | 6.54 | 6.67 | 7.30 | 7.25 | 7.06 | 4.31 | 3.40 | 3.23 | 2.76 | 2.54 | 2.87 | 3.85 | 3.31 | 3.53 | 3.16 | 3.08 | 2.73 |
| | -76.58 | -67.01 | -57.81 | -57.16 | -57.02 | -61.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.92 | -62.22 | -60.16 | -70.57 | -66.44 | -79.55 | -87.40 | -80.66 | -68.14 | -70.72 | -59.79 | -64.88 |
| ALBANY___3 | 123.21 | 114.85 | 110.72 | 110.74 | 114.09 | 128.71 | 143.53 | 148.62 | 145.66 | 145.16 | 144.05 | 135.50 | 132.73 | 126.43 | 121.07 | 121.82 | 118.76 | 138.73 | 168.27 | 150.28 | 140.94 | 137.18 | 121.02 | 118.24 |
| 23573 | 2.81 | 2.88 | 3.28 | 3.18 | 3.48 | 3.98 | 6.83 | 6.54 | 6.67 | 7.30 | 7.25 | 7.06 | 4.31 | 3.40 | 3.23 | 2.76 | 2.54 | 2.87 | 3.85 | 3.31 | 3.53 | 3.16 | 3.08 | 2.73 |
| | -76.58 | -67.01 | -57.81 | -57.16 | -57.02 | -61.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.92 | -62.22 | -60.16 | -70.57 | -66.44 | -79.55 | -87.40 | -80.66 | -68.14 | -70.72 | -59.79 | -64.88 |
| ALBANY___4 | 123.21 | 114.85 | 110.72 | 110.74 | 114.09 | 128.71 | 143.53 | 148.62 | 145.66 | 145.16 | 144.05 | 135.50 | 132.73 | 126.43 | 121.07 | 121.82 | 118.76 | 138.73 | 168.27 | 150.28 | 140.94 | 137.18 | 121.02 | 118.24 |
| 23574 | 2.81 | 2.88 | 3.28 | 3.18 | 3.48 | 3.98 | 6.83 | 6.54 | 6.67 | 7.30 | 7.25 | 7.06 | 4.31 | 3.40 | 3.23 | 2.76 | 2.54 | 2.87 | 3.85 | 3.31 | 3.53 | 3.16 | 3.08 | 2.73 |
| | -76.58 | -67.01 | -57.81 | -57.16 | -57.02 | -61.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.92 | -62.22 | -60.16 | -70.57 | -66.44 | -79.55 | -87.40 | -80.66 | -68.14 | -70.72 | -59.79 | -64.88 |

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|-----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ALBANY___LFGE 323615 | 125.16 3.20 -78.14 | 116.61 3.28 -68.38 | 112.35 3.72 -58.99 | 112.36 3.63 -58.33 | 115.79 4.02 -58.19 | 130.53 4.55 -62.77 | 145.58 8.88 0.00 | 150.75 8.67 0.00 | 147.89 8.90 0.00 | 147.36 9.50 0.00 | 146.24 9.43 0.00 | 137.42 8.99 0.00 | 134.84 5.41 -50.93 | 128.54 4.25 -63.48 | 123.16 4.10 -61.38 | 123.94 3.44 -72.01 | 120.70 3.23 -67.68 | 141.00 3.66 -81.03 | 170.98 4.93 -89.02 | 152.78 4.31 -82.17 | 143.18 4.50 -69.41 | 139.38 4.05 -72.04 | 122.95 3.90 -60.91 | 120.11 3.39 -66.09 |
| ALCOA_RYNLDS___DRP 24188 | 41.77 -2.06 0.00 | 42.80 -2.16 0.00 | 47.06 -2.58 0.00 | 48.69 -1.71 0.00 | 51.60 -1.98 0.00 | 61.05 -2.15 0.00 | 132.60 -4.10 0.00 | 137.67 -4.41 0.00 | 133.57 -5.42 0.00 | 131.93 -5.92 0.00 | 131.19 -5.61 0.00 | 122.66 -5.78 0.00 | 74.88 -3.61 0.00 | 57.77 -3.04 0.00 | 54.75 -2.94 0.00 | 45.96 -2.52 0.00 | 47.50 -2.29 0.00 | 54.00 -2.31 0.00 | 74.10 -2.93 0.00 | 63.79 -2.52 0.00 | 66.02 -3.25 0.00 | 60.25 -3.04 0.00 | 55.00 -3.14 0.00 | 48.04 -2.58 0.00 |
| ALCOA___DSASP 323711 | 41.77 -2.06 0.00 | 42.80 -2.16 0.00 | 47.06 -2.58 0.00 | 48.69 -1.71 0.00 | 51.60 -1.98 0.00 | 61.05 -2.15 0.00 | 132.60 -4.10 0.00 | 137.67 -4.41 0.00 | 133.57 -5.42 0.00 | 131.93 -5.92 0.00 | 131.19 -5.61 0.00 | 122.66 -5.78 0.00 | 74.88 -3.61 0.00 | 57.77 -3.04 0.00 | 54.75 -2.94 0.00 | 45.96 -2.52 0.00 | 47.50 -2.29 0.00 | 54.00 -2.31 0.00 | 74.10 -2.93 0.00 | 63.79 -2.52 0.00 | 66.02 -3.25 0.00 | 60.25 -3.04 0.00 | 55.00 -3.14 0.00 | 48.04 -2.58 0.00 |
| ALLEGHENY___COGEN 23514 | 58.30 1.49 -12.98 | 57.84 1.53 -11.36 | 61.48 2.04 -9.80 | 61.45 1.36 -9.69 | 65.55 2.30 -9.67 | 75.67 1.83 -10.63 | 136.89 -5.47 -5.66 | 143.47 -5.40 -6.79 | 136.23 -5.56 -2.81 | 138.22 -2.48 -2.85 | 136.67 -3.01 -2.88 | 127.60 -3.46 -2.63 | 85.45 -1.88 -8.84 | 69.91 -1.09 -10.20 | 66.58 -0.98 -9.88 | 61.55 -0.58 -13.64 | 57.21 -1.39 -8.82 | 63.89 -2.99 -10.56 | 84.70 -3.93 -11.60 | 73.77 -3.25 -10.71 | 80.05 1.73 -9.05 | 74.51 1.84 -9.39 | 67.89 1.80 -7.94 | 61.35 2.13 -8.60 |
| ALTONA_WT_PWR 323606 | 42.86 -0.96 0.00 | 43.92 -1.03 0.00 | 48.25 -1.39 0.00 | 49.49 -0.91 0.00 | 52.46 -1.13 0.00 | 62.13 -1.07 0.00 | 135.33 -1.37 0.00 | 140.38 -1.70 0.00 | 135.80 -3.19 0.00 | 134.27 -3.59 0.00 | 133.52 -3.28 0.00 | 124.71 -3.73 0.00 | 76.14 -2.35 0.00 | 58.62 -2.19 0.00 | 55.61 -2.07 0.00 | 46.60 -1.89 0.00 | 48.09 -1.69 0.00 | 54.68 -1.63 0.00 | 74.95 -2.08 0.00 | 64.38 -1.93 0.00 | 66.43 -2.84 0.00 | 60.57 -2.72 0.00 | 55.06 -3.08 0.00 | 48.19 -2.43 0.00 |
| AMERICAN_REF_FUEL 24010 | 53.76 -2.89 -12.83 | 53.31 -2.88 -11.23 | 56.80 -2.53 -9.69 | 56.40 -3.58 -9.58 | 60.46 -2.68 -9.56 | 65.18 -6.13 -8.10 | 61.94 -14.08 60.68 | 54.29 -15.06 72.72 | 45.61 -15.01 78.37 | 43.55 -14.89 79.42 | 41.41 -15.05 80.34 | 40.96 -14.13 73.35 | 39.88 -8.55 30.06 | 39.67 -6.45 14.69 | 37.02 -6.12 14.55 | 37.40 -4.90 6.19 | 52.41 -5.43 -8.05 | 59.59 -6.36 -9.64 | 78.21 -9.40 -10.59 | 68.19 -7.89 -9.77 | 70.39 -7.13 -8.25 | 66.48 -5.38 -8.57 | 61.43 -3.96 -7.24 | 56.40 -2.08 -7.85 |
| ARTHUR_KILL_GT_1 23520 | 109.70 5.08 -60.79 | 103.23 5.08 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 118.77 6.77 -48.80 | 149.98 14.22 0.94 | 156.58 15.63 1.12 | 155.24 16.25 0.00 | 154.95 17.09 0.00 | 153.90 17.10 0.00 | 150.36 16.31 -5.61 | 143.10 10.13 -54.47 | 134.43 7.96 -65.66 | 125.69 6.44 -60.56 | 128.25 6.35 -73.42 | 141.96 6.47 -85.71 | 155.49 7.21 -91.97 | 178.54 9.94 -91.57 | 157.58 8.49 -82.78 | 149.65 9.07 -71.31 | 127.85 8.22 -56.33 | 113.33 7.56 -47.63 | 108.42 6.12 -51.67 |
| ARTHUR_KILL_2 23512 | 109.70 5.08 -60.79 | 103.23 5.08 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 118.77 6.77 -48.80 | 149.98 14.22 0.94 | 156.58 15.63 1.12 | 155.24 16.25 0.00 | 154.95 17.09 0.00 | 153.90 17.10 0.00 | 150.36 16.31 -5.61 | 143.10 10.13 -54.47 | 134.43 7.96 -65.66 | 125.69 6.44 -60.56 | 128.25 6.35 -73.42 | 141.96 6.47 -85.71 | 155.49 7.21 -91.97 | 178.54 9.94 -91.57 | 157.58 8.49 -82.78 | 149.65 9.07 -71.31 | 127.85 8.22 -56.33 | 113.33 7.56 -47.63 | 108.42 6.12 -51.67 |
| ARTHUR_KILL_3 23513 | 109.39 4.78 -60.79 | 103.01 4.86 -53.20 | 100.94 5.41 -45.89 | 101.02 5.24 -45.38 | 104.59 5.74 -45.27 | 118.90 6.89 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 157.05 18.06 0.00 | 156.34 18.48 0.00 | 155.26 18.46 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.91 8.45 -65.66 | 126.26 8.02 -60.56 | 128.69 6.79 -73.41 | 142.31 6.82 -85.70 | 156.05 7.77 -91.96 | 179.30 10.70 -91.57 | 158.24 9.15 -82.78 | 150.14 9.56 -71.31 | 128.23 8.61 -56.33 | 113.44 7.67 -47.62 | 108.36 6.07 -51.67 |
| ASHOKAN____ 23654 | 113.63 5.96 -63.85 | 106.94 6.11 -55.87 | 104.64 6.80 -48.20 | 104.76 6.70 -47.66 | 108.53 7.40 -47.55 | 122.94 8.47 -51.26 | 154.95 19.14 0.88 | 162.20 21.17 1.06 | 158.72 19.73 0.00 | 158.67 20.82 0.00 | 156.10 19.29 0.00 | 146.17 17.73 0.00 | 130.27 10.13 -41.65 | 120.62 7.90 -51.91 | 114.97 7.09 -50.19 | 113.03 5.96 -58.58 | 110.85 6.12 -54.95 | 129.37 7.27 -65.79 | 160.55 11.25 -72.28 | 142.50 9.48 -66.71 | 135.11 9.49 -56.35 | 130.32 8.54 -58.49 | 115.50 7.91 -49.45 | 110.80 6.48 -53.69 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.69 6.15 -45.90 | 101.78 5.99 -45.38 | 105.39 6.54 -45.27 | 119.66 7.64 -48.81 | 150.25 14.48 0.94 | 156.30 15.35 1.13 | 155.10 16.12 0.00 | 154.80 16.95 0.00 | 153.62 16.82 0.00 | 150.35 16.31 -5.60 | 143.09 10.13 -54.47 | 134.42 7.96 -65.65 | 125.74 7.50 -60.56 | 128.25 6.35 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 177.98 9.39 -91.56 | 157.24 8.15 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.25 14.48 0.94 | 156.30 15.35 1.13 | 155.10 16.12 0.00 | 154.80 16.95 0.00 | 153.62 16.82 0.00 | 150.35 16.31 -5.60 | 143.09 10.13 -54.47 | 134.42 7.96 -65.65 | 125.74 7.50 -60.56 | 128.25 6.35 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 177.98 9.39 -91.56 | 157.24 8.15 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT2_1 24094 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT2_2 24095 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT2_3 24096 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT2_4 24097 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |

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| ASTORIA_GT3_1 24098 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT3_2 24099 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT3_3 24100 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT3_4 24101 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT4_1 24102 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT4_2 24103 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA_GT4_3 24104 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60. | | | | | | | | | |

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| ASTORIA___2 24149 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA___3 23516 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.15 7.14 -48.80 | 151.07 15.31 0.94 | 157.43 16.47 1.12 | 156.22 17.23 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.68 10.09 -91.57 | 157.77 8.68 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| ASTORIA___4 23517 | 110.14 5.52 -60.80 | 103.73 5.57 -53.20 | 101.74 6.20 -45.90 | 101.83 6.05 -45.38 | 105.45 6.59 -45.27 | 119.66 7.64 -48.81 | 150.40 14.63 0.94 | 156.30 15.35 1.13 | 155.24 16.25 0.00 | 154.94 17.09 0.00 | 153.76 16.96 0.00 | 150.35 16.31 -5.60 | 143.16 10.20 -54.47 | 134.42 7.96 -65.65 | 125.80 7.56 -60.56 | 128.30 6.40 -73.41 | 141.91 6.42 -85.70 | 155.37 7.10 -91.96 | 178.06 9.47 -91.56 | 157.30 8.22 -82.77 | 149.38 8.80 -71.31 | 127.73 8.10 -56.33 | 114.15 8.37 -47.63 | 109.03 6.73 -51.68 |
| ASTORIA___5 23518 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.15 7.14 -48.80 | 151.07 15.31 0.94 | 157.43 16.47 1.12 | 156.22 17.23 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.68 10.09 -91.57 | 157.77 8.68 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| AST_ENERGY_2_CC3 323677 | 109.48 4.86 -60.79 | 103.05 4.90 -53.20 | 100.99 5.46 -45.89 | 101.07 5.29 -45.38 | 104.64 5.79 -45.27 | 118.90 6.89 -48.80 | 151.48 15.71 0.94 | 158.14 17.18 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.15 7.90 -60.56 | 128.60 6.69 -73.41 | 142.26 6.77 -85.70 | 155.88 7.60 -91.96 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.10 8.48 -56.33 | 113.32 7.56 -47.62 | 108.31 6.02 -51.67 |
| AST_ENERGY_2_CC4 323678 | 109.48 4.86 -60.79 | 103.05 4.90 -53.20 | 100.99 5.46 -45.89 | 101.07 5.29 -45.38 | 104.64 5.79 -45.27 | 118.90 6.89 -48.80 | 151.48 15.71 0.94 | 158.14 17.18 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.15 7.90 -60.56 | 128.60 6.69 -73.41 | 142.26 6.77 -85.70 | 155.88 7.60 -91.96 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.10 8.48 -56.33 | 113.32 7.56 -47.62 | 108.31 6.02 -51.67 |
| ATHENS_STG_1 23668 | 113.51 3.07 -66.62 | 106.45 3.19 -58.30 | 103.51 3.58 -50.29 | 103.56 3.43 -49.73 | 106.95 3.75 -49.61 | 120.99 4.30 -53.49 | 144.84 9.02 0.88 | 150.26 9.23 1.05 | 148.45 9.46 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.94 9.50 0.00 | 127.84 5.89 -43.45 | 119.58 4.62 -54.16 | 114.44 4.38 -52.37 | 113.31 3.68 -61.13 | 111.36 3.59 -57.99 | 129.74 4.00 -69.43 | 158.77 5.47 -76.28 | 141.42 4.71 -70.40 | 133.73 4.99 -59.47 | 129.63 4.62 -61.72 | 114.52 4.19 -52.18 | 110.69 3.44 -56.62 |
| ATHENS_STG_2 23670 | 113.51 3.07 -66.62 | 106.45 3.19 -58.30 | 103.51 3.58 -50.29 | 103.56 3.43 -49.73 | 106.95 3.75 -49.61 | 120.99 4.30 -53.49 | 144.84 9.02 0.88 | 150.26 9.23 1.05 | 148.45 9.46 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.94 9.50 0.00 | 127.84 5.89 -43.45 | 119.58 4.62 -54.16 | 114.44 4.38 -52.37 | 113.31 3.68 -61.13 | 111.36 3.59 -57.99 | 129.74 4.00 -69.43 | 158.77 5.47 -76.28 | 141.42 4.71 -70.40 | 133.73 4.99 -59.47 | 129.63 4.62 -61.72 | 114.52 4.19 -52.18 | 110.69 3.44 -56.62 |
| ATHENS_STG_3 23677 | 113.51 3.07 -66.62 | 106.45 3.19 -58.30 | 103.51 3.58 -50.29 | 103.56 3.43 -49.73 | 106.95 3.75 -49.61 | 120.99 4.30 -53.49 | 144.84 9.02 0.88 | 150.26 9.23 1.05 | 148.45 9.46 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.94 9.50 0.00 | 127.84 5.89 -43.45 | 119.58 4.62 -54.16 | 114.44 4.38 -52.37 | 113.31 3.68 -61.13 | 111.36 3.59 -57.99 | 129.74 4.00 -69.43 | 158.77 5.47 -76.28 | 141.42 4.71 -70.40 | 133.73 4.99 -59.47 | 129.63 4.62 -61.72 | 114.52 4.19 -52.18 | 110.69 3.44 -56.62 |
| BABYLON_RES_REC 323704 | 118.26 6.18 -68.26 | 111.65 6.29 -60.41 | 110.55 6.90 -54.01 | 110.69 6.80 -53.49 | 113.16 7.40 -52.18 | 127.56 8.85 -55.51 | 162.95 19.28 -6.98 | 195.48 20.17 -33.24 | 172.83 20.57 -13.27 | 177.29 21.22 -18.22 | 178.89 20.93 -21.16 | 159.50 19.65 -11.42 | 152.11 12.71 -60.90 | 142.43 9.91 -71.72 | 134.34 9.34 -67.30 | 136.41 7.95 -79.97 | 150.16 8.12 -92.26 | 166.35 9.29 -100.74 | 194.81 12.56 -105.22 | 179.15 10.74 -102.10 | 159.51 11.36 -78.88 | 140.06 10.19 -66.57 | 123.65 9.07 -56.44 | 117.34 7.49 -59.22 |
| BARRETT_IC_1 23704 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_10 23701 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_11 23702 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_12 23703 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_2 23705 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_3 23706 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |

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| BARRETT_IC_4 23707 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_5 23708 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_6 23709 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_7 23710 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_8 23711 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT_IC_9 23700 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -57.93 | 225.75 18.34 -65.34 | 225.75 18.63 -68.13 | 388.86 19.44 -231.57 | 374.85 19.15 -218.89 | 225.75 17.85 -79.47 | 225.75 11.07 -136.19 | 212.13 8.69 -142.63 | 212.13 8.19 -146.25 | 212.13 6.98 -156.66 | 225.75 7.02 -168.94 | 267.76 7.94 -203.50 | 266.17 10.78 -178.36 | 266.17 9.08 -190.78 | 246.47 9.83 -167.37 | 258.62 8.86 -186.47 | 225.75 8.03 -159.58 | 204.95 6.68 -147.65 |
| BARRETT___1 23545 | 204.95 5.48 -155.65 | 195.29 5.57 -144.76 | 204.95 6.20 -149.10 | 204.95 6.05 -148.51 | 193.23 6.59 -133.06 | 204.95 7.77 -133.98 | 212.13 17.50 -5 | | | | | | | | | | | | | | | | | |

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| BEACON___LESR 323632 | 123.50 3.46 -76.22 | 115.16 3.51 -66.70 | 111.20 4.02 -57.54 | 111.17 3.88 -56.89 | 114.63 4.29 -56.76 | 129.37 4.93 -61.23 | 146.41 9.71 0.00 | 151.60 9.52 0.00 | 148.72 9.73 0.00 | 148.20 10.34 0.00 | 146.93 10.12 0.00 | 138.07 9.64 0.00 | 133.99 5.81 -49.68 | 127.30 4.56 -61.93 | 121.89 4.33 -59.88 | 122.42 3.68 -70.25 | 119.42 3.48 -66.15 | 139.51 4.00 -79.20 | 169.51 5.47 -87.02 | 151.33 4.71 -80.31 | 142.03 4.92 -67.84 | 138.07 4.36 -70.42 | 121.87 4.19 -59.53 | 118.97 3.75 -64.60 |
| BEAVER RIVER___HYD 24048 | 47.70 0.26 -3.61 | 48.39 0.27 -3.16 | 52.62 0.25 -2.73 | 53.55 0.45 -2.69 | 56.97 0.69 -2.69 | 66.92 0.82 -2.90 | 139.16 2.46 0.00 | 145.07 2.99 0.00 | 141.77 2.78 0.00 | 140.47 2.61 0.00 | 139.27 2.47 0.00 | 130.37 1.93 0.00 | 81.82 1.02 -2.31 | 64.29 0.61 -2.87 | 61.04 0.58 -2.78 | 52.35 0.53 -3.32 | 49.99 0.20 0.00 | 56.82 0.51 0.00 | 77.95 0.93 0.00 | 67.11 0.80 0.00 | 69.89 0.62 0.00 | 63.61 0.32 0.00 | 58.32 0.17 0.00 | 50.93 0.31 0.00 |
| BEEBEE_GT_13 23619 | 53.13 -0.61 -9.92 | 53.01 -0.63 -8.68 | 56.64 -0.50 -7.49 | 56.85 -0.96 -7.41 | 60.49 -0.48 -7.39 | 70.07 -1.39 -8.26 | 141.45 -3.14 -7.89 | 148.12 -3.41 -9.45 | 143.40 -3.06 -7.47 | 142.52 -2.90 -7.57 | 141.17 -3.28 -7.66 | 132.22 -3.21 -6.99 | 86.29 -1.73 -9.53 | 69.47 -1.03 -9.70 | 66.18 -0.93 -9.42 | 59.20 -0.78 -11.49 | 53.98 -2.14 -6.33 | 61.41 -2.48 -7.58 | 81.89 -3.46 -8.33 | 71.08 -2.92 -7.68 | 72.92 -2.84 -6.49 | 67.81 -2.22 -6.74 | 62.10 -1.74 -5.70 | 55.87 -0.91 -6.16 |
| BETHLEHEM___GRP 23843 | 123.21 2.81 -76.58 | 114.85 2.88 -67.01 | 110.72 3.28 -57.81 | 110.74 3.18 -57.16 | 114.09 3.48 -57.02 | 128.71 3.98 -61.52 | 143.53 6.83 0.00 | 148.62 6.54 0.00 | 145.66 6.67 0.00 | 145.16 7.30 0.00 | 144.05 7.25 0.00 | 135.50 7.06 0.00 | 132.73 4.31 -49.92 | 126.43 3.40 -62.22 | 121.07 3.23 -60.16 | 121.82 2.76 -70.57 | 118.76 2.54 -66.44 | 138.73 2.87 -79.55 | 168.27 3.85 -87.40 | 150.28 3.31 -80.66 | 140.94 3.53 -68.14 | 137.18 3.16 -70.72 | 121.02 3.08 -59.79 | 118.24 2.73 -64.88 |
| BETHLEHEM___GS1 323560 | 123.21 2.81 -76.58 | 114.85 2.88 -67.01 | 110.72 3.28 -57.81 | 110.74 3.18 -57.16 | 114.09 3.48 -57.02 | 128.71 3.98 -61.52 | 143.53 6.83 0.00 | 148.62 6.54 0.00 | 145.66 6.67 0.00 | 145.16 7.30 0.00 | 144.05 7.25 0.00 | 135.50 7.06 0.00 | 132.73 4.31 -49.92 | 126.43 3.40 -62.22 | 121.07 3.23 -60.16 | 121.82 2.76 -70.57 | 118.76 2.54 -66.44 | 138.73 2.87 -79.55 | 168.27 3.85 -87.40 | 150.28 3.31 -80.66 | 140.94 3.53 -68.14 | 137.18 3.16 -70.72 | 121.02 3.08 -59.79 | 118.24 2.73 -64.88 |
| BETHLEHEM___GS2 323561 | 123.21 2.81 -76.58 | 114.85 2.88 -67.01 | 110.72 3.28 -57.81 | 110.74 3.18 -57.16 | 114.09 3.48 -57.02 | 128.71 3.98 -61.52 | 143.53 6.83 0.00 | 148.62 6.54 0.00 | 145.66 6.67 0.00 | 145.16 7.30 0.00 | 144.05 7.25 0.00 | 135.50 7.06 0.00 | 132.73 4.31 -49.92 | 126.43 3.40 -62.22 | 121.07 3.23 -60.16 | 121.82 2.76 -70.57 | 118.76 2.54 -66.44 | 138.73 2.87 -79.55 | 168.27 3.85 -87.40 | 150.28 3.31 -80.66 | 140.94 3.53 -68.14 | 137.18 3.16 -70.72 | 121.02 3.08 -59.79 | 118.24 2.73 -64.88 |
| BETHLEHEM___GS3 323562 | 123.21 2.81 -76.58 | 114.85 2.88 -67.01 | 110.72 3.28 -57.81 | 110.74 3.18 -57.16 | 114.09 3.48 -57.02 | 128.71 3.98 -61.52 | 143.53 6.83 0.00 | 148.62 6.54 0.00 | 145.66 6.67 0.00 | 145.16 7.30 0.00 | 144.05 7.25 0.00 | 135.50 7.06 0.00 | 132.73 4.31 -49.92 | 126.43 3.40 -62.22 | 121.07 3.23 -60.16 | 121.82 2.76 -70.57 | 118.76 2.54 -66.44 | 138.73 2.87 -79.55 | 168.27 3.85 -87.40 | 150.28 3.31 -80.66 | 140.94 3.53 -68.14 | 137.18 3.16 -70.72 | 121.02 3.08 -59.79 | 118.24 2.73 -64.88 |
| BETHLEHEM___STEEL 23779 | 55.29 -1.97 -13.44 | 54.79 -1.93 -11.76 | 58.25 -1.54 -10.15 | 57.86 -2.57 -10.03 | 61.99 -1.61 -10.01 | 67.90 -3.98 -8.68 | 70.27 -8.07 58.36 | 64.18 -7.95 69.94 | 54.81 -8.20 75.98 | 52.73 -8.13 76.99 | 50.43 -8.48 77.90 | 48.72 -8.60 71.11 | 44.61 -5.26 28.63 | 43.38 -3.83 13.59 | 40.51 -3.69 13.49 | 40.78 -2.76 4.94 | 55.11 -3.29 -8.61 | 62.85 -3.77 -10.31 | 82.73 -5.62 -11.33 | 72.19 -4.57 -10.45 | 74.08 -4.02 -8.83 | 69.48 -2.97 -9.16 | 63.80 -2.09 -7.75 | 58.16 -0.86 -8.40 |
| BETHPAGE_CC_5 323564 | 119.30 6.00 -69.47 | 112.65 6.11 -61.58 | 111.73 6.75 -55.34 | 111.82 6.60 -54.82 | 114.07 7.18 -53.30 | 128.40 8.59 -56.60 | 163.93 19.55 -7.68 | 196.51 20.74 -33.69 | 174.01 20.99 -14.03 | 180.69 21.64 -21.19 | 182.05 21.33 -23.91 | 160.71 19.91 -12.36 | 152.69 12.24 -61.95 | 143.05 9.55 -72.70 | 135.09 9.00 -68.40 | 137.18 7.66 -81.03 | 150.87 7.76 -93.32 | 167.38 8.89 -102.17 | 195.36 12.09 -106.24 | 179.98 10.34 -103.33 | 160.32 10.94 -80.11 | 141.34 9.81 -68.24 | 124.80 8.78 -57.87 | 118.37 7.29 -60.46 |
| BINGHAMTON___COGEN 23790 | 66.41 0.79 -21.80 | 64.84 0.81 -19.08 | 67.19 1.09 -16.46 | 67.38 0.71 -16.27 | 71.00 1.18 -16.23 | 81.55 1.07 -17.28 | 133.07 2.88 6.50 | 137.84 3.55 7.79 | 134.91 4.03 8.12 | 133.63 4.00 8.22 | 132.31 3.83 8.32 | 124.17 3.33 7.60 | 90.81 2.04 -10.28 | 77.68 1.70 -15.17 | 73.93 1.61 -14.63 | 67.81 1.16 -18.16 | 67.57 0.85 -16.94 | 77.49 0.90 -20.28 | 100.46 1.16 -22.28 | 88.00 1.13 -20.56 | 87.95 1.31 -17.37 | 82.65 1.33 -18.03 | 74.61 1.22 -15.24 | 68.33 1.17 -16.54 |
| BLACK RIVER___HYD 24047 | 49.39 0.74 -4.83 | 49.89 0.72 -4.22 | 54.08 0.79 -3.64 | 54.86 0.86 -3.60 | 58.36 1.18 -3.59 | 68.47 1.39 -3.88 | 140.52 3.82 0.00 | 146.49 4.41 0.00 | 143.30 4.31 0.00 | 141.99 4.13 0.00 | 140.63 3.83 0.00 | 131.51 3.08 0.00 | 83.30 1.72 -3.08 | 65.80 1.15 -3.84 | 62.49 1.09 -3.71 | 53.95 1.02 -4.44 | 52.34 0.70 -1.85 | 59.66 1.13 -2.22 | 81.24 1.77 -2.44 | 70.15 1.59 -2.25 | 72.69 1.52 -1.90 | 66.27 1.01 -1.97 | 60.63 0.81 -1.67 | 53.34 0.91 -1.81 |
| BLISS_WT_PWR 323608 | 57.71 0.13 -13.76 | 57.22 0.23 -12.04 | 60.87 0.84 -10.39 | 60.57 -0.10 -10.27 | 65.01 1.18 -10.24 | 72.54 0.32 -9.02 | 84.44 3.55 55.81 | 80.46 5.26 66.88 | 70.64 4.73 73.08 | 67.93 4.13 74.06 | 65.30 3.42 74.93 | 61.58 1.55 68.40 | 51.64 0.24 27.09 | 48.65 0.37 12.52 | 45.43 0.17 12.44 | 45.13 0.53 3.89 | 58.71 0.00 -8.92 | 67.28 0.28 -10.68 | 89.30 0.54 -11.73 | 77.94 0.80 -10.83 | 79.67 1.25 -9.15 | 74.12 1.33 -9.50 | 67.51 1.34 -8.03 | 61.15 1.82 -8.71 |
| BLUE_CIRC_CHEM_DRP 24182 | 122.71 2.81 -76.07 | 114.45 2.92 -66.57 | 110.35 3.28 -57.43 | 110.36 3.18 -56.79 | 113.77 3.54 -56.65 | 128.30 3.98 -61.12 | 142.57 5.87 0.00 | 147.91 5.83 0.00 | 144.96 5.97 0.00 | 144.47 6.62 0.00 | 143.37 6.57 0.00 | 134.73 6.29 0.00 | 131.93 3.85 -49.59 | 125.66 3.04 -61.81 | 120.33 2.88 -59.76 | 121.06 2.47 -70.10 | 118.01 2.24 -65.98 | 137.85 2.54 -79.00 | 167.29 3.47 -86.79 | 149.40 2.99 -80.11 | 140.13 3.19 -67.67 | 136.44 2.91 -70.24 | 120.26 2.73 -59.38 | 118.10 3.04 -64.44 |
| BOC_GAS_DRP 24189 | 122.90 2.54 -76.54 | 114.54 2.61 -66.98 | 110.35 2.93 -57.78 | 110.35 2.82 -57.13 | 113.68 3.11 -56.99 | 128.23 3.54 -61.49 | 143.13 6.43 0.00 | 148.32 6.24 0.00 | 145.52 6.53 0.00 | 144.88 7.03 0.00 | 143.78 6.97 0.00 | 135.24 6.80 0.00 | 132.62 4.24 -49.89 | 126.27 3.28 -62.19 | 120.93 3.11 -60.13 | 121.68 2.67 -70.53 | 118.61 2.44 -66.38 | 138.55 2.76 -79.48 | 168.04 3.70 -87.32 | 150.08 3.18 -80.59 | 140.74 3.39 -68.08 | 137.11 3.16 -70.66 | 120.85 2.96 -59.74 | 118.13 2.68 -64.83 |
| BORALEX_4TH_BRANCH 23824 | 123.28 4.03 -75.42 | 115.14 4.18 -66.00 | 111.20 4.62 -56.94 | 111.29 4.59 -56.30 | 114.95 5.20 -56.16 | 129.49 5.69 -60.59 | 148.73 12.03 0.00 | 153.45 11.37 0.00 | 149.97 10.98 0.00 | 149.99 12.13 0.00 | 148.97 12.17 0.00 | 140.12 11.69 0.00 | 135.12 7.46 -49.17 | 127.80 5.71 -61.29 | 122.43 5.48 -59.25 | 122.80 4.75 -69.56 | 120.99 4.43 -66.78 | 141.39 5.12 -79.95 | 171.64 6.78 -87.84 | 153.22 5.84 -81.07 | 143.92 6.16 -68.48 | 140.19 5.82 -71.08 | 123.77 5.53 -60.09 | 120.54 4.71 -65.21 |
| BOWLINE___1 23526 | 105.04 4.30 -56.92 | 99.17 4.41 -49.81 | 97.52 4.92 -42.97 | 97.62 4.74 -42.49 | 101.16 5.20 -42.38 | 115.27 6.38 -45.69 | 150.62 14.90 0.98 | 156.95 16.05 1.18 | 155.24 16.25 0.00 | 154.39 16.54 0.00 | 153.21 16.41 0.00 | 143.58 15.15 0.00 | 124.89 9.26 -37.14 | 114.39 7.29 -46.29 | 109.25 6.80 -44.76 | 106.41 5.77 -52.16 | 105.25 5.97 -49.50 | 122.44 6.87 -59.26 | 151.68 9.55 -65.11 | 134.62 8.22 -60.09 | 128.48 8.45 -50.76 | 123.50 7.53 -52.69 | 109.37 6.68 -44.54 | 104.22 5.26 -48.34 |

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| BOWLINE___2 23595 | 105.04 4.30 -56.92 | 99.17 4.41 -49.81 | 97.52 4.92 -42.97 | 97.62 4.74 -42.49 | 101.17 5.20 -42.38 | 115.27 6.38 -45.69 | 150.62 14.90 0.98 | 156.95 16.05 1.18 | 155.24 16.25 0.00 | 154.39 16.54 0.00 | 153.21 16.41 0.00 | 143.58 15.15 0.00 | 124.89 9.26 -37.14 | 114.45 7.35 -46.29 | 109.25 6.80 -44.76 | 106.46 5.82 -52.16 | 105.26 5.97 -49.50 | 122.44 6.87 -59.26 | 151.69 9.55 -65.11 | 134.62 8.22 -60.09 | 128.48 8.45 -50.76 | 123.51 7.53 -52.69 | 109.37 6.68 -44.55 | 104.23 5.26 -48.34 |
| BROOKHAVEN___DRP 24191 | 113.74 5.69 -64.23 | 107.31 5.84 -56.51 | 105.62 6.36 -49.63 | 105.76 6.25 -49.11 | 108.78 6.75 -48.45 | 123.30 8.21 -51.89 | 160.73 19.40 -4.62 | 195.99 22.16 -31.76 | 172.24 22.51 -10.74 | 169.25 23.02 -8.37 | 171.40 22.57 -12.03 | 157.78 21.06 -8.28 | 148.64 12.71 -57.43 | 139.10 9.85 -68.44 | 130.58 9.23 -63.66 | 132.82 7.91 -76.43 | 146.62 8.12 -88.72 | 161.67 9.35 -96.00 | 191.50 12.63 -101.84 | 175.19 10.87 -98.01 | 155.43 11.36 -74.79 | 134.52 10.19 -61.04 | 119.00 9.18 -51.68 | 113.26 7.49 -55.14 |
| BROOKLYN_NAVY_YARD 23515 | 109.44 4.82 -60.79 | 103.01 4.86 -53.20 | 100.94 5.41 -45.89 | 101.02 5.24 -45.38 | 104.53 5.68 -45.27 | 118.83 6.83 -48.80 | 151.34 15.58 0.94 | 158.14 17.18 1.12 | 156.93 17.94 0.00 | 156.05 18.20 0.00 | 154.86 18.06 0.00 | 151.00 16.95 -5.61 | 143.41 10.44 -54.47 | 134.67 8.21 -65.66 | 126.03 7.78 -60.56 | 128.50 6.59 -73.41 | 142.11 6.62 -85.70 | 155.83 7.55 -91.96 | 178.99 10.39 -91.57 | 158.03 8.95 -82.78 | 149.87 9.29 -71.31 | 127.97 8.35 -56.33 | 113.27 7.50 -47.62 | 108.26 5.97 -51.67 |
| BROOKLYN___ARMY_DRP 323595 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| BROOME_2_LFGE 323671 | 66.41 0.79 -21.80 | 64.84 0.81 -19.08 | 67.19 1.09 -16.46 | 67.38 0.71 -16.27 | 71.00 1.18 -16.23 | 81.55 1.07 -17.28 | 133.07 2.88 6.50 | 137.84 3.55 7.79 | 134.91 4.03 8.12 | 133.63 4.00 8.22 | 132.31 3.83 8.32 | 124.17 3.33 7.60 | 90.81 2.04 -10.28 | 77.68 1.70 -15.17 | 73.93 1.61 -14.63 | 67.81 1.16 -18.16 | 67.57 0.85 -16.94 | 77.49 0.90 -20.28 | 100.46 1.16 -22.28 | 88.00 1.13 -20.56 | 87.95 1.31 -17.37 | 82.65 1.33 -18.03 | 74.61 1.22 -15.24 | 68.33 1.17 -16.54 |
| BROOME___LFGE 323600 | 66.41 0.79 -21.80 | 64.84 0.81 -19.08 | 67.19 1.09 -16.46 | 67.38 0.71 -16.27 | 71.00 1.18 -16.23 | 81.55 1.07 -17.28 | 133.07 2.88 6.50 | 137.84 3.55 7.79 | 134.91 4.03 8.12 | 133.63 4.00 8.22 | 132.31 3.83 8.32 | 124.17 3.33 7.60 | 90.81 2.04 -10.28 | 77.68 1.70 -15.17 | 73.93 1.61 -14.63 | 67.81 1.16 -18.16 | 67.57 0.85 -16.94 | 77.49 0.90 -20.28 | 100.46 1.16 -22.28 | 88.00 1.13 -20.56 | 87.95 1.31 -17.37 | 82.65 1.33 -18.03 | 74.61 1.22 -15.24 | 68.33 1.17 -16.54 |
| BURROWS___LYONSDAL 23803 | 48.17 0.88 -3.47 | 48.89 0.90 -3.03 | 53.30 1.04 -2.62 | 53.99 1.01 -2.59 | 57.45 1.28 -2.58 | 67.44 1.45 -2.78 | 140.39 3.69 0.00 | 146.34 4.26 0.00 | 143.44 4.45 0.00 | 142.13 4.28 0.00 | 140.90 4.10 0.00 | 132.03 3.59 0.00 | 82.75 2.04 -2.22 | 65.02 1.46 -2.76 | 61.74 1.38 -2.67 | 52.89 1.21 -3.19 | 50.53 0.75 0.00 | 57.38 1.07 0.00 | 78.57 1.54 0.00 | 67.63 1.33 0.00 | 70.58 1.31 0.00 | 64.30 1.01 0.00 | 59.02 0.87 0.00 | 51.48 0.86 0.00 |
| CAITHNESS_CC_1 323624 | 113.65 5.61 -64.21 | 107.21 5.76 -56.50 | 105.56 6.31 -49.61 | 105.69 6.20 -49.10 | 108.71 6.70 -48.43 | 123.23 8.16 -51.87 | 160.45 19.14 -4.62 | 195.29 21.46 -31.75 | 171.67 21.95 -10.73 | 168.67 22.48 -8.34 | 170.84 22.03 -12.00 | 157.24 20.54 -8.26 | 148.31 12.40 -57.42 | 138.84 9.60 -68.43 | 130.39 9.06 -63.65 | 132.61 7.71 -76.42 | 146.41 7.92 -88.71 | 161.42 9.12 -95.99 | 191.11 12.25 -101.83 | 174.85 10.54 -97.99 | 155.07 11.02 -74.78 | 134.25 9.94 -61.02 | 118.70 8.90 -51.66 | 113.04 7.29 -55.13 |
| CALPINE_BETH_PAGE_GT4 24209 | 123.09 6.09 -73.18 | 116.32 6.21 -65.16 | 115.86 6.85 -59.37 | 115.95 6.70 -58.84 | 117.60 7.29 -56.73 | 131.85 8.72 -59.93 | 166.36 19.81 -9.84 | 198.02 20.89 -35.05 | 176.61 21.27 -16.36 | 190.01 21.92 -30.23 | 190.70 21.61 -32.29 | 163.71 20.03 -15.25 | 155.96 12.32 -65.14 | 146.12 9.60 -75.71 | 138.49 9.06 -71.75 | 140.48 7.71 -84.29 | 154.18 7.82 -96.57 | 171.85 9.01 -106.53 | 198.61 12.25 -109.34 | 183.87 10.47 -107.09 | 164.21 11.08 -83.86 | 146.55 9.94 -73.32 | 129.28 8.90 -62.24 | 122.22 7.39 -64.20 |
| CALPINE_BETH_PAGE_GT_4 323586 | 123.09 6.09 -73.18 | 116.32 6.21 -65.16 | 115.86 6.85 -59.37 | 115.95 6.70 -58.84 | 117.60 7.29 -56.73 | 131.85 8.72 -59.93 | 166.36 19.81 -9.84 | 198.02 20.89 -35.05 | 176.61 21.27 -16.36 | 190.01 21.92 -30.23 | 190.70 21.61 -32.29 | 163.71 20.03 -15.25 | 155.96 12.32 -65.14 | 146.12 9.60 -75.71 | 138.49 9.06 -71.75 | 140.48 7.71 -84.29 | 154.18 7.82 -96.57 | 171.85 9.01 -106.53 | 198.61 12.25 -109.34 | 183.87 10.47 -107.09 | 164.21 11.08 -83.86 | 146.55 9.94 -73.32 | 129.28 8.90 -62.24 | 122.22 7.39 -64.20 |
| CALPINE_BP_GT1 23823 | 123.09 6.09 -73.18 | 116.32 6.21 -65.16 | 115.86 6.85 -59.37 | 115.95 6.70 -58.84 | 117.60 7.29 -56.73 | 131.85 8.72 -59.93 | 166.36 19.81 -9.84 | 198.02 20.89 -35.05 | 176.61 21.27 -16.36 | 190.01 21.92 -30.23 | 190.70 21.61 -32.29 | 163.71 20.03 -15.25 | 155.96 12.32 -65.14 | 146.12 9.60 -75.71 | 138.49 9.06 -71.75 | 140.48 7.71 -84.29 | 154.18 7.82 -96.57 | 171.85 9.01 -106.53 | 198.61 12.25 -109.34 | 183.87 10.47 -107.09 | 164.21 11.08 -83.86 | 146.55 9.94 -73.32 | 129.28 8.90 -62.24 | 122.22 7.39 -64.20 |
| CALSPAN___DRP 24200 | 55.29 -1.97 -13.44 | 54.79 -1.93 -11.76 | 58.25 -1.54 -10.15 | 57.86 -2.57 -10.03 | 61.99 -1.61 -10.01 | 67.90 -3.98 -8.68 | 70.27 -8.07 58.36 | 64.18 -7.95 69.94 | 54.81 -8.20 75.98 | 52.73 -8.13 76.99 | 50.43 -8.48 77.90 | 48.72 -8.60 71.11 | 44.61 -5.26 28.63 | 43.38 -3.83 13.59 | 40.51 -3.69 13.49 | 40.78 -2.76 4.94 | 55.11 -3.29 -8.61 | 62.85 -3.77 -10.31 | 82.73 -5.62 -11.33 | 72.19 -4.57 -10.45 | 74.08 -4.02 -8.83 | 69.48 -2.97 -9.16 | 63.80 -2.09 -7.75 | 58.16 -0.86 -8.40 |
| CANDIGU_WT_PWR 323617 | 59.77 -0.04 -15.99 | 58.95 0.00 -13.99 | 62.16 0.45 -12.07 | 62.03 -0.30 -11.94 | 66.03 0.54 -11.91 | 75.68 -0.44 -12.91 | 138.31 -0.27 -1.89 | 144.77 0.43 -2.26 | 134.02 -1.12 3.86 | 132.70 -1.24 3.91 | 131.07 -1.78 3.96 | 122.38 -2.44 3.61 | 84.14 -1.49 -7.14 | 69.91 -0.91 -10.02 | 66.49 -0.86 -9.67 | 63.73 -0.05 -15.29 | 60.69 -0.45 -11.35 | 69.34 -0.56 -13.59 | 90.96 -1.00 -14.93 | 79.36 -0.73 -13.78 | 80.78 -0.14 -11.64 | 75.57 0.19 -12.09 | 68.77 0.41 -10.22 | 62.57 0.86 -11.08 |
| CARR STREET_E__SYR 24060 | 51.55 -0.04 -7.77 | 51.71 -0.04 -6.80 | 55.55 0.05 -5.86 | 55.95 -0.25 -5.80 | 59.32 -0.05 -5.78 | 69.22 -0.25 -6.27 | 136.87 -0.68 -0.85 | 142.10 -0.99 -1.01 | 138.44 -0.55 0.00 | 137.44 -0.41 0.00 | 136.26 -0.55 0.00 | 127.92 -0.51 0.00 | 83.16 -0.31 -4.98 | 66.82 -0.18 -6.20 | 63.57 -0.12 -6.00 | 55.75 -0.15 -7.41 | 53.35 -0.75 -4.31 | 60.56 -0.90 -5.16 | 81.45 -1.24 -5.66 | 70.81 -0.73 -5.23 | 73.21 -0.48 -4.42 | 67.43 -0.44 -4.58 | 61.73 -0.29 -3.87 | 54.57 -0.25 -4.20 |
| CARTHAGE___PAPER 23857 | 48.88 0.57 -4.48 | 49.42 0.54 -3.92 | 53.62 0.60 -3.39 | 54.50 0.76 -3.35 | 57.94 1.02 -3.34 | 68.00 1.20 -3.60 | 140.12 3.42 0.00 | 145.92 3.84 0.00 | 142.74 3.75 0.00 | 141.43 3.58 0.00 | 140.08 3.28 0.00 | 131.14 2.70 0.00 | 82.85 1.49 -2.86 | 65.29 0.91 -3.57 | 62.06 0.92 -3.45 | 53.44 0.82 -4.13 | 51.84 0.50 -1.56 | 59.08 0.90 -1.87 | 80.54 1.46 -2.05 | 69.53 1.33 -1.89 | 72.05 1.18 -1.60 | 65.71 0.76 -1.66 | 60.13 0.58 -1.40 | 52.80 0.66 -1.52 |
| CE_DUNWOOD___DRP 24194 | 109.15 4.60 -60.73 | 102.82 4.72 -53.14 | 100.74 5.26 -45.84 | 100.82 5.09 -45.33 | 104.33 5.52 -45.22 | 118.53 6.57 -48.75 | 150.80 15.04 0.94 | 157.43 16.47 1.12 | 155.80 16.81 0.00 | 155.23 17.37 0.00 | 154.04 17.24 0.00 | 150.23 16.18 -5.61 | 142.82 9.89 -54.43 | 134.19 7.78 -65.60 | 125.52 7.33 -60.51 | 128.05 6.21 -73.36 | 141.71 6.27 -85.65 | 155.36 7.15 -91.90 | 178.38 9.86 -91.49 | 157.51 8.49 -82.71 | 149.39 8.87 -71.25 | 127.47 7.91 -56.27 | 112.75 7.03 -47.57 | 107.86 5.62 -51.62 |

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| CE_MILLWOOD___DRP 24193 | 108.81 4.51 -60.47 | 102.50 4.63 -52.92 | 100.45 5.16 -45.65 | 100.53 4.99 -45.14 | 104.08 5.47 -45.03 | 118.20 6.45 -48.54 | 150.66 14.90 0.94 | 157.14 16.19 1.13 | 155.52 16.53 0.00 | 154.81 16.95 0.00 | 153.63 16.82 0.00 | 149.84 15.79 -5.61 | 142.49 9.73 -54.26 | 133.80 7.60 -65.40 | 125.15 7.15 -60.31 | 127.67 6.06 -73.12 | 141.33 6.12 -85.42 | 154.92 6.98 -91.63 | 177.85 9.63 -91.19 | 157.03 8.29 -82.43 | 148.95 8.66 -71.02 | 127.04 7.72 -56.03 | 112.43 6.92 -47.37 | 107.54 5.52 -51.40 |
| CE_NYC2_DRP 24202 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.15 7.14 -48.80 | 151.21 15.44 0.94 | 157.71 16.76 1.12 | 156.50 17.51 0.00 | 156.05 18.20 0.00 | 155.00 18.20 0.00 | 151.38 17.33 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.69 6.79 -73.42 | 142.31 6.82 -85.71 | 155.83 7.55 -91.97 | 178.84 10.25 -91.57 | 157.91 8.82 -82.78 | 150.00 9.42 -71.31 | 128.16 8.54 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| CE_NYC_DRP 24195 | 109.57 4.95 -60.79 | 103.19 5.03 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 119.08 7.08 -48.80 | 151.89 16.12 0.94 | 158.71 17.76 1.12 | 157.34 18.35 0.00 | 156.74 18.89 0.00 | 155.55 18.74 0.00 | 151.77 17.73 -5.61 | 143.87 10.91 -54.47 | 135.04 8.58 -65.66 | 126.32 8.08 -60.56 | 128.78 6.88 -73.41 | 142.41 6.92 -85.70 | 156.10 7.82 -91.96 | 179.30 10.70 -91.57 | 158.30 9.21 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.50 7.73 -47.62 | 108.47 6.17 -51.67 |
| CHAFFEE___LFGE 323603 | 55.82 -1.45 -13.44 | 55.32 -1.39 -11.76 | 58.84 -0.94 -10.15 | 58.47 -1.97 -10.03 | 62.68 -0.91 -10.01 | 68.85 -3.03 -8.68 | 72.87 -5.47 58.36 | 67.16 -5.14 69.94 | 57.87 -5.14 75.98 | 55.62 -5.24 76.99 | 53.43 -5.48 77.90 | 51.42 -5.91 71.11 | 46.10 -3.77 28.63 | 44.42 -2.80 13.59 | 41.49 -2.71 13.49 | 41.61 -1.94 4.94 | 55.91 -2.49 -8.61 | 63.81 -2.81 -10.31 | 84.19 -4.16 -11.33 | 73.51 -3.25 -10.45 | 75.33 -2.77 -8.83 | 70.62 -1.84 -9.16 | 64.67 -1.22 -7.75 | 58.87 -0.15 -8.40 |
| CHATEAUG_WT_PWR 323614 | 42.68 -1.14 0.00 | 43.74 -1.21 0.00 | 48.05 -1.59 0.00 | 49.29 -1.11 0.00 | 52.25 -1.34 0.00 | 61.87 -1.33 0.00 | 134.65 -2.05 0.00 | 139.80 -2.28 0.00 | 135.24 -3.75 0.00 | 133.72 -4.13 0.00 | 132.97 -3.83 0.00 | 124.32 -4.12 0.00 | 75.83 -2.67 0.00 | 58.43 -2.37 0.00 | 55.44 -2.25 0.00 | 46.50 -1.99 0.00 | 48.00 -1.79 0.00 | 54.51 -1.80 0.00 | 74.72 -2.31 0.00 | 64.25 -2.06 0.00 | 66.36 -2.91 0.00 | 60.51 -2.78 0.00 | 55.06 -3.08 0.00 | 48.19 -2.43 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 42.60 -1.23 0.00 | 43.65 -1.31 0.00 | 47.95 -1.69 0.00 | 49.24 -1.16 0.00 | 52.14 -1.44 0.00 | 61.75 -1.45 0.00 | 134.51 -2.19 0.00 | 139.53 -2.55 0.00 | 134.96 -4.04 0.00 | 133.44 -4.42 0.00 | 132.70 -4.10 0.00 | 123.94 -4.50 0.00 | 75.59 -2.90 0.00 | 58.25 -2.55 0.00 | 55.21 -2.48 0.00 | 46.31 -2.18 0.00 | 47.84 -1.94 0.00 | 54.40 -1.91 0.00 | 74.64 -2.39 0.00 | 64.12 -2.19 0.00 | 66.15 -3.12 0.00 | 60.32 -2.97 0.00 | 54.89 -3.25 0.00 | 48.04 -2.58 0.00 |
| CHAUTAUQUA___LFGE 323629 | 55.99 -1.84 -14.01 | 55.41 -1.80 -12.26 | 58.77 -1.44 -10.57 | 58.44 -2.42 -10.45 | 62.57 -1.44 -10.43 | 69.52 -2.97 -9.29 | 77.71 -5.06 53.93 | 73.47 -3.98 64.63 | 63.44 -4.58 70.97 | 60.98 -4.96 71.92 | 58.56 -5.48 72.76 | 55.85 -6.16 66.43 | 48.61 -3.92 25.96 | 46.40 -2.67 11.73 | 43.55 -2.48 11.66 | 43.64 -1.74 3.11 | 56.61 -2.34 -9.16 | 64.69 -2.59 -10.97 | 85.23 -3.85 -12.05 | 74.45 -2.98 -11.12 | 75.96 -2.70 -9.40 | 71.01 -2.03 -9.75 | 64.88 -1.51 -8.24 | 59.01 -0.56 -8.94 |
| CH_MIDHUDSON___DRP 24192 | 112.39 4.56 -64.01 | 105.65 4.68 -56.02 | 103.17 5.21 -48.32 | 103.27 5.09 -47.78 | 106.77 5.52 -47.67 | 121.05 6.45 -51.39 | 150.45 14.63 0.89 | 156.79 15.77 1.06 | 154.83 15.84 0.00 | 154.25 16.40 0.00 | 152.94 16.14 0.00 | 143.58 15.15 0.00 | 129.50 9.26 -41.75 | 120.08 7.23 -52.04 | 114.81 6.80 -50.32 | 112.98 5.77 -58.73 | 111.03 5.82 -55.42 | 129.31 6.64 -66.36 | 159.25 9.32 -72.91 | 141.55 7.95 -67.29 | 134.35 8.24 -56.84 | 129.75 7.46 -59.00 | 114.71 6.68 -49.88 | 110.13 5.36 -54.14 |
| CH_MISC_IPPS 23765 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| CH_RES_BVR_FALLS 23983 | 43.30 -0.52 0.00 | 44.46 -0.49 0.00 | 49.14 -0.50 0.00 | 49.99 -0.40 0.00 | 53.21 -0.37 0.00 | 62.69 -0.51 0.00 | 135.75 -0.95 0.00 | 141.09 -0.99 0.00 | 138.02 -0.97 0.00 | 137.03 -0.82 0.00 | 135.99 -0.82 0.00 | 127.54 -0.89 0.00 | 77.79 -0.71 0.00 | 60.20 -0.61 0.00 | 57.11 -0.58 0.00 | 47.96 -0.53 0.00 | 46.05 -0.89 2.84 | 51.90 -1.01 3.40 | 71.75 -1.54 3.74 | 61.46 -1.40 3.45 | 64.77 -1.59 2.91 | 58.81 -1.45 3.02 | 54.14 -1.45 2.56 | 46.58 -1.26 2.77 |
| CH_RES_NIAGARA 23895 | 53.80 -2.89 -12.87 | 53.34 -2.88 -11.27 | 56.83 -2.53 -9.72 | 56.43 -3.58 -9.61 | 60.49 -2.68 -9.59 | 65.28 -6.07 -8.15 | 62.19 -14.08 60.43 | 54.59 -15.06 72.42 | 45.89 -15.01 78.09 | 43.83 -14.89 79.14 | 41.83 -14.91 80.06 | 41.22 -14.13 73.09 | 40.03 -8.55 29.91 | 39.78 -6.45 14.58 | 37.12 -6.12 14.45 | 37.51 -4.90 6.08 | 52.41 -5.38 -8.00 | 59.58 -6.31 -9.58 | 78.23 -9.32 -10.52 | 68.19 -7.82 -9.71 | 70.34 -7.13 -8.20 | 66.42 -5.38 -8.51 | 61.39 -3.96 -7.20 | 56.35 -2.08 -7.81 |
| CH_RES_SYRACUSE 23985 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |
| CLINTON_WT_PWR 323605 | 42.68 -1.14 0.00 | 43.74 -1.21 0.00 | 48.05 -1.59 0.00 | 49.29 -1.11 0.00 | 52.25 -1.34 0.00 | 61.87 -1.33 0.00 | 134.65 -2.05 0.00 | 139.80 -2.28 0.00 | 135.24 -3.75 0.00 | 133.72 -4.13 0.00 | 132.97 -3.83 0.00 | 124.32 -4.12 0.00 | 75.83 -2.67 0.00 | 58.43 -2.37 0.00 | 55.44 -2.25 0.00 | 46.50 -1.99 0.00 | 48.00 -1.79 0.00 | 54.51 -1.80 0.00 | 74.72 -2.31 0.00 | 64.25 -2.06 0.00 | 66.36 -2.91 0.00 | 60.51 -2.78 0.00 | 55.06 -3.08 0.00 | 48.19 -2.43 0.00 |
| CLINTON___LFGE 323618 | 43.21 -0.61 0.00 | 44.23 -0.72 0.00 | 48.50 -1.14 0.00 | 49.80 -0.60 0.00 | 52.83 -0.75 0.00 | 62.57 -0.63 0.00 | 136.56 -0.14 0.00 | 141.65 -0.42 0.00 | 136.49 -2.50 0.00 | 134.82 -3.03 0.00 | 134.20 -2.60 0.00 | 125.23 -3.21 0.00 | 76.30 -2.20 0.00 | 58.74 -2.07 0.00 | 55.67 -2.02 0.00 | 46.65 -1.84 0.00 | 48.24 -1.54 0.00 | 54.96 -1.35 0.00 | 75.56 -1.47 0.00 | 64.91 -1.40 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.24 -2.91 0.00 | 48.40 -2.23 0.00 |
| COLONIE_LFGE___ 323577 | 124.95 3.72 -77.40 | 116.56 3.87 -67.74 | 112.44 4.37 -58.43 | 112.46 4.28 -57.78 | 115.99 4.77 -57.64 | 130.70 5.31 -62.18 | 147.91 11.21 0.00 | 153.02 10.94 0.00 | 149.84 10.85 0.00 | 149.44 11.58 0.00 | 148.30 11.49 0.00 | 139.48 11.05 0.00 | 135.70 6.75 -50.45 | 128.92 5.23 -62.89 | 123.51 5.02 -60.80 | 124.16 4.27 -71.40 | 121.24 4.03 -67.42 | 141.66 4.62 -80.73 | 171.95 6.24 -88.69 | 153.53 5.37 -81.86 | 144.03 5.61 -69.15 | 140.18 5.12 -71.77 | 123.82 5.00 -60.68 | 120.72 4.25 -65.84 |
| CORNELL_____ 23752 | 58.88 0.74 -14.32 | 58.25 0.76 -12.53 | 61.39 0.94 -10.81 | 61.74 0.65 -10.69 | 65.26 1.02 -10.66 | 75.70 1.07 -11.42 | 137.45 3.00 2.25 | 143.07 3.69 2.70 | 138.51 3.89 4.37 | 137.29 3.85 4.42 | 135.88 3.55 4.48 | 127.56 3.21 4.09 | 87.24 1.88 -6.86 | 72.15 1.52 -9.82 | 68.66 1.50 -9.48 | 62.22 1.21 -12.52 | 60.72 0.75 -10.19 | 69.36 0.85 -12.20 | 91.66 1.23 -13.40 | 79.80 1.13 -12.37 | 80.97 1.25 -10.45 | 75.21 1.07 -10.85 | 68.24 0.93 -9.17 | 61.38 0.81 -9.95 |

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| COXSACKIE___GT 23611 | 114.38 4.91 -65.64 | 107.43 5.03 -57.44 | 104.80 5.61 -49.56 | 104.89 5.49 -49.00 | 108.52 6.05 -48.88 | 122.92 7.01 -52.70 | 150.61 14.77 0.86 | 156.96 15.91 1.03 | 154.28 15.29 0.00 | 154.12 16.26 0.00 | 152.26 15.45 0.00 | 142.82 14.38 0.00 | 129.79 8.48 -42.81 | 120.80 6.63 -53.36 | 115.39 6.11 -51.59 | 113.86 5.14 -60.24 | 111.53 5.13 -56.61 | 130.06 5.97 -67.78 | 160.35 8.85 -74.47 | 142.60 7.56 -68.73 | 134.95 7.62 -58.06 | 130.39 6.84 -60.26 | 115.37 6.28 -50.95 | 111.35 5.42 -55.31 |
| CRESCENT___HYD 24018 | 124.95 3.72 -77.40 | 116.56 3.87 -67.74 | 112.44 4.37 -58.43 | 112.46 4.28 -57.78 | 115.99 4.77 -57.64 | 130.70 5.31 -62.18 | 147.91 11.21 0.00 | 153.02 10.94 0.00 | 149.84 10.85 0.00 | 149.44 11.58 0.00 | 148.30 11.49 0.00 | 139.48 11.05 0.00 | 135.70 6.75 -50.45 | 128.92 5.23 -62.89 | 123.51 5.02 -60.80 | 124.16 4.27 -71.40 | 121.24 4.03 -67.42 | 141.66 4.62 -80.73 | 171.95 6.24 -88.69 | 153.53 5.37 -81.86 | 144.03 5.61 -69.15 | 140.18 5.12 -71.77 | 123.82 5.00 -60.68 | 120.72 4.25 -65.84 |
| CRUCIBLE_METL_DRP 24180 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |
| DANC___LFGE 323619 | 49.39 0.74 -4.83 | 49.89 0.72 -4.22 | 54.08 0.79 -3.64 | 54.86 0.86 -3.60 | 58.36 1.18 -3.59 | 68.47 1.39 -3.88 | 140.52 3.82 0.00 | 146.49 4.41 0.00 | 143.30 4.31 0.00 | 141.99 4.13 0.00 | 140.63 3.83 0.00 | 131.51 3.08 0.00 | 83.30 1.72 -3.08 | 65.80 1.15 -3.84 | 62.49 1.09 -3.71 | 53.95 1.02 -4.44 | 52.34 0.70 -1.85 | 59.66 1.13 -2.22 | 81.24 1.77 -2.44 | 70.15 1.59 -2.25 | 72.69 1.52 -1.90 | 66.27 1.01 -1.97 | 60.63 0.81 -1.67 | 53.34 0.91 -1.81 |
| DANSKAMMER___1 23586 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| DANSKAMMER___2 23589 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| DANSKAMMER___3 23590 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| DANSKAMMER___4 23591 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| DANSKAMMER___DIESEL 23592 | 109.74 4.78 -61.14 | 103.36 4.90 -53.50 | 101.26 5.46 -46.15 | 101.33 5.29 -45.64 | 104.90 5.79 -45.53 | 119.05 6.77 -49.08 | 151.35 15.58 0.93 | 157.87 16.90 1.11 | 155.94 16.95 0.00 | 155.37 17.51 0.00 | 153.90 17.10 0.00 | 144.49 16.05 0.00 | 128.11 9.73 -39.88 | 118.12 7.60 -49.71 | 112.85 7.09 -48.07 | 110.57 6.01 -56.07 | 109.06 6.07 -53.20 | 127.05 7.04 -63.70 | 156.95 9.94 -69.98 | 139.45 8.56 -64.59 | 132.63 8.80 -54.56 | 127.83 7.91 -56.63 | 113.11 7.09 -47.88 | 108.45 5.67 -52.16 |
| DASHVILLE___HYD 23610 | 109.96 4.42 -61.71 | 103.50 4.54 -54.00 | 101.29 5.07 -46.59 | 101.35 4.89 -46.07 | 104.85 5.31 -45.95 | 118.94 6.20 -49.54 | 149.87 14.08 0.91 | 156.33 15.35 1.10 | 154.28 15.29 0.00 | 153.70 15.85 0.00 | 152.26 15.45 0.00 | 142.94 14.51 0.00 | 127.54 8.79 -40.26 | 117.85 6.87 -50.18 | 112.61 6.40 -48.52 | 110.52 5.43 -56.60 | 108.08 5.53 -52.77 | 125.85 6.36 -63.17 | 155.52 9.08 -69.41 | 138.12 7.75 -64.06 | 131.35 7.96 -54.11 | 126.67 7.21 -56.17 | 112.08 6.45 -47.48 | 107.31 5.11 -51.58 |
| DELAWARE___LFGE 323621 | 73.72 2.45 -27.45 | 71.49 2.52 -24.02 | 73.24 2.88 -20.72 | 73.56 2.67 -20.49 | 77.08 3.05 -20.44 | 88.62 3.47 -21.94 | 141.98 8.20 2.92 | 147.25 8.67 3.50 | 144.75 9.03 3.27 | 143.78 9.24 3.32 | 142.33 8.89 3.36 | 133.85 8.47 3.06 | 99.97 5.10 -16.38 | 86.12 3.95 -21.37 | 82.03 3.70 -20.64 | 75.97 3.06 -24.42 | 74.74 2.79 -22.17 | 86.01 3.15 -26.55 | 110.58 4.39 -29.17 | 97.07 3.84 -26.92 | 96.10 4.09 -22.74 | 90.62 3.73 -23.60 | 81.53 3.43 -19.95 | 75.16 2.88 -21.65 |
| DOGLEVILLE___HYD 23807 | 48.76 2.76 -2.17 | 49.74 2.88 -1.90 | 54.61 3.33 -1.64 | 55.20 3.18 -1.62 | 58.85 3.65 -1.62 | 69.05 4.11 -1.75 | 146.00 9.30 0.00 | 152.17 10.09 0.00 | 148.86 9.87 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.81 9.37 0.00 | 85.61 5.73 -1.39 | 66.97 4.44 -1.73 | 63.63 4.27 -1.67 | 54.27 3.78 -2.00 | 51.68 3.23 1.34 | 58.42 3.72 1.60 | 80.27 5.00 1.76 | 68.86 4.18 1.63 | 72.19 4.30 1.37 | 65.66 3.80 1.43 | 60.37 3.43 1.21 | 52.30 2.99 1.31 |
| DUNKIRK___1 23563 | 55.68 -2.10 -13.95 | 55.10 -2.07 -12.21 | 58.49 -1.69 -10.53 | 58.09 -2.72 -10.42 | 62.21 -1.77 -10.39 | 69.02 -3.41 -9.23 | 76.31 -6.01 54.38 | 71.80 -5.11 65.17 | 61.80 -5.70 71.48 | 59.49 -5.92 72.44 | 57.09 -6.43 73.29 | 54.47 -7.06 66.90 | 47.87 -4.39 26.23 | 45.79 -3.10 11.91 | 42.96 -2.88 11.84 | 43.12 -2.08 3.29 | 56.26 -2.64 -9.11 | 64.29 -2.93 -10.91 | 84.70 -4.31 -11.98 | 73.92 -3.45 -11.06 | 75.43 -3.19 -9.34 | 70.58 -2.40 -9.70 | 64.48 -1.86 -8.20 | 58.65 -0.86 -8.89 |
| DUNKIRK___2 23564 | 55.68 -2.10 -13.95 | 55.10 -2.07 -12.21 | 58.49 -1.69 -10.53 | 58.09 -2.72 -10.42 | 62.21 -1.77 -10.39 | 69.02 -3.41 -9.23 | 76.31 -6.01 54.38 | 71.80 -5.11 65.17 | 61.80 -5.70 71.48 | 59.49 -5.92 72.44 | 57.09 -6.43 73.29 | 54.47 -7.06 66.90 | 47.87 -4.39 26.23 | 45.79 -3.10 11.91 | 42.96 -2.88 11.84 | 43.12 -2.08 3.29 | 56.26 -2.64 -9.11 | 64.29 -2.93 -10.91 | 84.70 -4.31 -11.98 | 73.92 -3.45 -11.06 | 75.43 -3.19 -9.34 | 70.58 -2.40 -9.70 | 64.48 -1.86 -8.20 | 58.65 -0.86 -8.89 |
| DUNKIRK___3 23565 | 55.59 -2.19 -13.95 | 55.01 -2.16 -12.21 | 58.39 -1.79 -10.53 | 58.04 -2.77 -10.42 | 62.10 -1.88 -10.39 | 68.77 -3.67 -9.23 | 75.38 -6.83 54.49 | 70.53 -6.25 65.30 | 60.56 -6.81 71.62 | 58.39 -6.89 72.58 | 55.99 -7.39 73.43 | 53.56 -7.84 67.03 | 47.33 -4.87 26.30 | 45.39 -3.46 11.96 | 42.52 -3.29 11.89 | 42.79 -2.37 3.32 | 55.96 -2.94 -9.11 | 63.95 -3.27 -10.90 | 84.16 -4.85 -11.98 | 73.45 -3.91 -11.06 | 75.08 -3.53 -9.34 | 70.26 -2.72 -9.69 | 64.30 -2.04 -8.20 | 58.50 -1.01 -8.89 |
| DUNKIRK___4 23566 | 55.59 -2.19 -13.95 | 55.01 -2.16 -12.21 | 58.39 -1.79 -10.53 | 58.04 -2.77 -10.42 | 62.10 -1.88 -10.39 | 68.77 -3.67 -9.23 | 75.38 -6.83 54.49 | 70.53 -6.25 65.30 | 60.56 -6.81 71.62 | 58.39 -6.89 72.58 | 55.99 -7.39 73.43 | 53.56 -7.84 67.03 | 47.33 -4.87 26.30 | 45.39 -3.46 11.96 | 42.52 -3.29 11.89 | 42.79 -2.37 3.32 | 55.96 -2.94 -9.11 | 63.95 -3.27 -10.90 | 84.16 -4.85 -11.98 | 73.45 -3.91 -11.06 | 75.08 -3.53 -9.34 | 70.26 -2.72 -9.69 | 64.30 -2.04 -8.20 | 58.50 -1.01 -8.89 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|
| EAST HAMPTON___GT 23717 | 116.31 8.24 -64.25 | 109.94 8.45 -56.53 | 108.57 9.28 -49.65 | 108.71 9.17 -49.13 | 112.02 9.96 -48.47 | 127.31 12.20 -51.91 | 169.91 28.58 -4.64 | 205.95 32.10 -31.77 | 181.99 32.24 -10.75 | 178.68 32.40 -8.43 | 180.50 31.61 -12.08 | 165.75 29.02 -8.29 | 153.21 17.27 -57.45 | 142.52 13.26 -68.46 | 133.77 12.41 -63.68 | 135.56 10.62 -76.45 | 149.53 11.00 -88.74 | 165.29 12.95 -96.03 | 196.76 17.87 -101.86 | 179.85 15.51 -98.03 | 160.16 16.07 -74.82 | 138.85 14.49 -61.07 | 122.81 12.96 -51.70 | 116.47 10.68 -55.17 |
| EAST RIVER___6 23660 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.17 5.40 -45.38 | 104.69 5.84 -45.27 | 119.02 7.01 -48.80 | 151.75 15.99 0.94 | 158.71 17.76 1.12 | 157.34 18.35 0.00 | 156.74 18.89 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.87 10.91 -54.47 | 135.04 8.58 -65.66 | 126.32 8.08 -60.56 | 128.79 6.88 -73.41 | 142.41 6.92 -85.70 | 156.10 7.82 -91.96 | 179.30 10.70 -91.57 | 158.30 9.21 -82.78 | 150.21 9.63 -71.31 | 128.23 8.61 -56.33 | 113.44 7.67 -47.62 | 108.41 6.12 -51.67 |
| EAST RIVER___7 23524 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.17 5.40 -45.38 | 104.69 5.84 -45.27 | 119.02 7.01 -48.80 | 151.75 15.99 0.94 | 158.71 17.76 1.12 | 157.34 18.35 0.00 | 156.74 18.89 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.87 10.91 -54.47 | 135.04 8.58 -65.66 | 126.32 8.08 -60.56 | 128.79 6.88 -73.41 | 142.41 6.92 -85.70 | 156.10 7.82 -91.96 | 179.30 10.70 -91.57 | 158.30 9.21 -82.78 | 150.21 9.63 -71.31 | 128.23 8.61 -56.33 | 113.44 7.67 -47.62 | 108.41 6.12 -51.67 |
| EAST_HAMPTON___DIESEL 23722 | 116.31 8.24 -64.25 | 109.99 8.50 -56.53 | 108.62 9.33 -49.65 | 108.76 9.22 -49.13 | 112.07 10.02 -48.47 | 127.37 12.26 -51.91 | 169.91 28.58 -4.64 | 206.10 32.25 -31.77 | 181.99 32.24 -10.75 | 178.68 32.40 -8.43 | 180.50 31.61 -12.08 | 165.88 29.15 -8.29 | 153.29 17.35 -57.45 | 142.59 13.32 -68.46 | 133.77 12.41 -63.68 | 135.56 10.62 -76.45 | 149.58 11.05 -88.74 | 165.35 13.01 -96.03 | 196.84 17.95 -101.86 | 179.85 15.51 -98.03 | 160.16 16.07 -74.82 | 138.92 14.56 -61.07 | 122.81 12.96 -51.70 | 116.52 10.73 -55.17 |
| EAST_RIVER___1 323558 | 109.57 4.95 -60.79 | 103.19 5.03 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 119.08 7.08 -48.80 | 151.89 16.12 0.94 | 158.71 17.76 1.12 | 157.34 18.35 0.00 | 156.74 18.89 0.00 | 155.55 18.74 0.00 | 151.77 17.73 -5.61 | 143.87 10.91 -54.47 | 135.04 8.58 -65.66 | 126.32 8.08 -60.56 | 128.78 6.88 -73.41 | 142.41 6.92 -85.70 | 156.10 7.82 -91.96 | 179.30 10.70 -91.57 | 158.30 9.21 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.50 7.73 -47.62 | 108.47 6.17 -51.67 |
| EAST_RIVER___2 323559 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.17 5.40 -45.38 | 104.69 5.84 -45.27 | 119.02 7.01 -48.80 | 151.75 15.99 0.94 | 158.71 17.76 1.12 | 157.34 18.35 0.00 | 156.74 18.89 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.87 10.91 -54.47 | 135.04 8.58 -65.66 | 126.32 8.08 -60.56 | 128.79 6.88 -73.41 | 142.41 6.92 -85.70 | 156.10 7.82 -91.96 | 179.30 10.70 -91.57 | 158.30 9.21 -82.78 | 150.21 9.63 -71.31 | 128.23 8.61 -56.33 | 113.44 7.67 -47.62 | 108.41 6.12 -51.67 |
| EAST___DELAWARE_HYD 23607 | 99.36 3.11 -52.42 | 94.02 3.19 -45.87 | 92.79 3.58 -39.57 | 92.96 3.43 -39.13 | 96.37 3.75 -39.03 | 109.76 4.49 -42.07 | 146.61 10.94 1.03 | 153.06 12.22 1.24 | 150.95 11.95 0.00 | 148.06 10.20 0.00 | 146.38 9.57 0.00 | 137.17 8.74 0.00 | 117.81 5.10 -34.21 | 107.40 3.95 -42.65 | 102.56 3.64 -41.23 | 99.49 3.01 -48.00 | 98.47 3.09 -45.60 | 114.56 3.66 -54.59 | 142.55 5.55 -59.98 | 126.37 4.71 -55.36 | 120.74 4.71 -46.76 | 117.64 5.82 -48.53 | 104.41 5.24 -41.03 | 99.28 4.10 -44.56 |
| ELEC_TRO_TEK 24086 | 137.02 5.39 -87.81 | 129.72 5.48 -79.28 | 131.03 6.10 -75.29 | 131.15 5.99 -74.75 | 130.34 6.48 -70.27 | 143.97 7.71 -73.06 | 172.44 17.36 -18.38 | 200.83 18.34 -40.42 | 183.16 18.63 -25.54 | 223.25 19.44 -65.95 | 221.35 19.15 -65.40 | 173.06 17.98 -26.64 | 167.31 11.07 -77.75 | 157.08 8.69 -87.58 | 150.84 8.19 -84.97 | 152.60 6.98 -97.13 | 166.22 7.02 -109.41 | 188.04 7.99 -123.74 | 209.47 10.86 -121.58 | 197.46 9.21 -121.94 | 177.85 9.90 -98.68 | 165.55 8.86 -93.40 | 145.68 8.03 -79.51 | 136.21 6.58 -79.01 |
| ELLENBURG_WT_PWR 323604 | 42.68 -1.14 0.00 | 43.74 -1.21 0.00 | 48.05 -1.59 0.00 | 49.29 -1.11 0.00 | 52.25 -1.34 0.00 | 61.87 -1.33 0.00 | 134.65 -2.05 0.00 | 139.80 -2.28 0.00 | 135.24 -3.75 0.00 | 133.72 -4.13 0.00 | 132.97 -3.83 0.00 | 124.32 -4.12 0.00 | 75.83 -2.67 0.00 | 58.43 -2.37 0.00 | 55.44 -2.25 0.00 | 46.50 -1.99 0.00 | 48.00 -1.79 0.00 | 54.51 -1.80 0.00 | 74.72 -2.31 0.00 | 64.25 -2.06 0.00 | 66.36 -2.91 0.00 | 60.51 -2.78 0.00 | 55.06 -3.08 0.00 | 48.19 -2.43 0.00 |
| EMPIRE_CC_1 323656 | 120.14 2.63 -73.69 | 112.14 2.70 -64.49 | 108.30 3.03 -55.63 | 108.38 2.97 -55.01 | 111.78 3.32 -54.87 | 126.13 3.73 -59.20 | 143.94 7.24 0.00 | 149.04 6.96 0.00 | 146.08 7.08 0.00 | 145.71 7.85 0.00 | 144.60 7.79 0.00 | 136.01 7.58 0.00 | 131.25 4.71 -48.04 | 124.33 3.65 -59.88 | 119.10 3.52 -57.90 | 119.41 3.01 -67.91 | 117.08 2.79 -64.50 | 136.75 3.21 -77.23 | 166.19 4.31 -84.85 | 148.33 3.71 -78.31 | 139.30 3.88 -66.15 | 135.62 3.67 -68.66 | 119.62 3.43 -58.05 | 116.55 2.93 -62.99 |
| EMPIRE_CC_2 323658 | 120.14 2.63 -73.69 | 112.14 2.70 -64.49 | 108.30 3.03 -55.63 | 108.38 2.97 -55.01 | 111.78 3.32 -54.87 | 126.13 3.73 -59.20 | 143.94 7.24 0.00 | 149.04 6.96 0.00 | 146.08 7.08 0.00 | 145.71 7.85 0.00 | 144.60 7.79 0.00 | 136.01 7.58 0.00 | 131.25 4.71 -48.04 | 124.33 3.65 -59.88 | 119.10 3.52 -57.90 | 119.41 3.01 -67.91 | 117.08 2.79 -64.50 | 136.75 3.21 -77.23 | 166.19 4.31 -84.85 | 148.33 3.71 -78.31 | 139.30 3.88 -66.15 | 135.62 3.67 -68.66 | 119.62 3.43 -58.05 | 116.55 2.93 -62.99 |
| ERIE_WT_PWR 323693 | 55.34 -1.93 -13.44 | 54.83 -1.89 -11.76 | 58.30 -1.49 -10.15 | 57.91 -2.52 -10.03 | 62.04 -1.56 -10.01 | 67.96 -3.92 -8.68 | 70.41 -7.93 58.36 | 64.32 -7.81 69.94 | 55.10 -7.92 75.98 | 52.86 -8.00 76.99 | 50.56 -8.35 77.90 | 48.84 -8.48 71.11 | 44.69 -5.18 28.63 | 43.44 -3.77 13.59 | 40.57 -3.63 13.49 | 40.83 -2.71 4.94 | 55.16 -3.24 -8.61 | 62.90 -3.72 -10.31 | 82.81 -5.55 -11.33 | 72.25 -4.51 -10.45 | 74.16 -3.95 -8.83 | 69.54 -2.91 -9.16 | 63.86 -2.04 -7.75 | 58.21 -0.81 -8.40 |
| E_CANADA_CAP_HY 24051 | 143.48 2.67 -96.98 | 132.52 2.70 -84.87 | 126.18 3.33 -73.21 | 125.87 3.07 -72.39 | 129.28 3.48 -72.22 | 145.43 4.36 -77.87 | 147.87 12.31 1.14 | 153.64 12.93 1.37 | 150.85 13.06 1.20 | 149.60 12.95 1.21 | 147.89 12.32 1.23 | 138.74 11.43 1.12 | 147.41 6.28 -62.63 | 144.26 5.04 -78.41 | 137.88 4.38 -75.81 | 141.09 3.59 -89.01 | 137.14 3.39 -83.97 | 160.85 4.00 -100.54 | 193.03 5.55 -110.45 | 173.23 4.98 -101.94 | 160.51 5.13 -86.12 | 156.98 4.31 -89.38 | 138.13 4.42 -75.57 | 136.17 3.54 -82.00 |
| E_CANADA_MHWK_HY 24050 | 48.76 2.76 -2.17 | 49.74 2.88 -1.90 | 54.61 3.33 -1.64 | 55.20 3.18 -1.62 | 58.85 3.65 -1.62 | 69.05 4.11 -1.75 | 146.00 9.30 0.00 | 152.17 10.09 0.00 | 148.86 9.87 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.81 9.37 0.00 | 85.61 5.73 -1.39 | 66.97 4.44 -1.73 | 63.63 4.27 -1.67 | 54.27 3.78 -2.00 | 51.68 3.23 1.34 | 58.42 3.72 1.60 | 80.27 5.00 1.76 | 68.86 4.18 1.63 | 72.19 4.30 1.37 | 65.66 3.80 1.43 | 60.37 3.43 1.21 | 52.30 2.99 1.31 |
| E_FISHKILL___LBMP 23776 | 109.52 4.25 -61.45 | 103.09 4.36 -53.77 | 100.89 4.87 -46.39 | 100.95 4.69 -45.87 | 104.43 5.09 -45.76 | 118.47 5.94 -49.33 | 149.17 13.40 0.93 | 155.46 14.50 1.11 | 153.72 14.73 0.00 | 153.16 15.30 0.00 | 151.99 15.18 0.00 | 148.30 14.25 -5.61 | 142.18 8.79 -54.90 | 133.86 6.87 -66.19 | 125.22 6.46 -61.07 | 128.03 5.53 -74.02 | 141.59 5.53 -86.28 | 155.27 6.31 -92.65 | 177.97 8.63 -92.32 | 157.20 7.42 -83.47 | 148.92 7.76 -71.90 | 127.25 7.02 -56.94 | 112.57 6.28 -48.14 | 107.91 5.06 -52.23 |
| FAR ROCKAWAY___4 23548 | 172.55 6.40 -122.32 | 164.07 6.52 -112.60 | 169.68 7.20 -112.84 | 169.73 7.06 -112.28 | 163.46 7.66 -102.22 | 176.36 9.10 -104.05 | 195.84 20.64 -38.50 | 216.91 21.74 -53.10 | 208.30 22.10 -47.21 | 310.81 22.74 -150.21 | 302.73 22.44 -143.49 | 203.02 21.06 -53.52 | 198.85 12.87 -107.48 | 186.49 10.10 -115.59 | 183.35 9.52 -116.15 | 184.00 8.10 -127.41 | 197.70 8.21 -139.70 | 230.09 9.46 -164.32 | 239.35 11.86 -150.47 | 233.42 10.15 -156.96 | 214.67 11.78 -133.62 | 214.67 10.63 -140.75 | 187.93 9.54 -120.25 | 172.40 7.85 -113.93 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|
| FARRAGUT___LBMP 323566 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.69 5.84 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 157.05 18.06 0.00 | 156.46 18.60 0.00 | 155.26 18.46 0.00 | 151.51 17.46 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.64 6.74 -73.41 | 142.31 6.82 -85.70 | 155.99 7.72 -91.96 | 179.15 10.55 -91.57 | 158.17 9.08 -82.78 | 150.07 9.49 -71.31 | 128.16 8.54 -56.33 | 113.38 7.61 -47.62 | 108.36 6.07 -51.67 |
| FENNER___WINDPWR 24204 | 51.56 1.18 -6.56 | 51.91 1.21 -5.74 | 56.03 1.44 -4.95 | 56.50 1.21 -4.89 | 60.02 1.55 -4.88 | 70.18 1.71 -5.27 | 140.80 4.10 0.00 | 146.62 4.55 0.00 | 143.85 4.86 0.00 | 142.81 4.96 0.00 | 141.46 4.65 0.00 | 132.67 4.23 0.00 | 85.22 2.51 -4.21 | 68.00 1.95 -5.25 | 64.66 1.90 -5.07 | 56.08 1.55 -6.04 | 53.83 1.05 -3.00 | 61.14 1.24 -3.59 | 82.66 1.69 -3.94 | 71.47 1.53 -3.64 | 74.08 1.73 -3.07 | 67.94 1.46 -3.19 | 62.18 1.34 -2.70 | 54.76 1.21 -2.93 |
| FIBERTEK___ENERGY 23856 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |
| FITZPATRICK____ 23598 | 49.01 -1.09 -6.28 | 49.33 -1.12 -5.50 | 53.19 -1.19 -4.74 | 53.68 -1.41 -4.69 | 56.87 -1.39 -4.68 | 66.52 -1.77 -5.09 | 133.78 -3.97 -1.05 | 139.21 -4.12 -1.26 | 135.38 -3.61 0.00 | 134.42 -3.44 0.00 | 133.25 -3.56 0.00 | 125.10 -3.34 0.00 | 80.47 -2.04 -4.02 | 64.35 -1.46 -5.01 | 61.14 -1.39 -4.84 | 53.42 -1.16 -6.10 | 51.20 -1.69 -3.11 | 58.06 -1.97 -3.72 | 78.41 -2.70 -4.09 | 67.76 -2.32 -3.77 | 70.10 -2.36 -3.19 | 64.51 -2.09 -3.31 | 59.14 -1.80 -2.80 | 52.14 -1.52 -3.03 |
| FORT ORANGE____ 23900 | 122.26 3.24 -75.20 | 114.09 3.33 -65.80 | 110.18 3.77 -56.77 | 110.21 3.68 -56.13 | 113.60 4.02 -56.00 | 128.22 4.61 -60.41 | 145.46 8.76 0.00 | 150.75 8.67 0.00 | 147.89 8.90 0.00 | 147.36 9.50 0.00 | 146.11 9.31 0.00 | 137.42 8.99 0.00 | 132.93 5.41 -49.02 | 126.16 4.25 -61.10 | 120.80 4.04 -59.08 | 121.23 3.44 -69.30 | 118.27 3.23 -65.25 | 138.16 3.72 -78.13 | 167.94 5.08 -85.84 | 149.91 4.38 -79.22 | 140.76 4.57 -66.92 | 136.86 4.11 -69.46 | 120.76 3.90 -58.72 | 117.79 3.44 -63.73 |
| FORT_DRUM_COGEN 23780 | 49.13 0.57 -4.74 | 49.64 0.54 -4.15 | 53.82 0.60 -3.58 | 54.64 0.71 -3.54 | 58.13 1.02 -3.53 | 68.15 1.14 -3.81 | 139.98 3.28 0.00 | 145.92 3.84 0.00 | 142.88 3.89 0.00 | 141.43 3.58 0.00 | 140.08 3.28 0.00 | 131.14 2.70 0.00 | 83.01 1.49 -3.03 | 65.55 0.97 -3.77 | 62.25 0.92 -3.65 | 53.73 0.87 -4.36 | 52.06 0.50 -1.78 | 59.40 0.96 -2.13 | 80.82 1.46 -2.34 | 69.79 1.33 -2.16 | 72.34 1.25 -1.82 | 65.94 0.76 -1.89 | 60.33 0.58 -1.60 | 53.07 0.71 -1.74 |
| FPL_FAR_ROCK_GT1 24212 | 172.55 6.40 -122.32 | 164.07 6.52 -112.60 | 169.68 7.20 -112.84 | 169.73 7.06 -112.28 | 163.46 7.66 -102.22 | 176.36 9.10 -104.05 | 195.84 20.64 -38.50 | 216.91 21.74 -53.10 | 208.30 22.10 -47.21 | 310.81 22.74 -150.21 | 302.73 22.44 -143.49 | 203.02 21.06 -53.52 | 198.85 12.87 -107.48 | 186.49 10.10 -115.59 | 183.35 9.52 -116.15 | 184.00 8.10 -127.41 | 197.70 8.21 -139.70 | 230.09 9.46 -164.32 | 239.35 11.86 -150.47 | 233.42 10.15 -156.96 | 214.67 11.78 -133.62 | 214.67 10.63 -140.75 | 187.93 9.54 -120.25 | 172.40 7.85 -113.93 |
| FPL_FAR_ROCK_GT2 23815 | 172.55 6.40 -122.32 | 164.07 6.52 -112.60 | 169.68 7.20 -112.84 | 169.73 7.06 -112.28 | 163.46 7.66 -102.22 | 176.36 9.10 -104.05 | 195.84 20.64 -38.50 | 216.91 21.74 -53.10 | 208.30 22.10 -47.21 | 310.81 22.74 -150.21 | 302.73 22.44 -143.49 | 203.02 21.06 -53.52 | 198.85 12.87 -107.48 | 186.49 10.10 -115.59 | 183.35 9.52 -116.15 | 184.00 8.10 -127.41 | 197.70 8.21 -139.70 | 230.09 9.46 -164.32 | 239.35 11.86 -150.47 | 233.42 10.15 -156.96 | 214.67 11.78 -133.62 | 214.67 10.63 -140.75 | 187.93 9.54 -120.25 | 172.40 7.85 -113.93 |
| FRANKLIN_FALL_HYD 24054 | 42.86 -0.96 0.00 | 43.88 -1.08 0.00 | 48.15 -1.49 0.00 | 49.59 -0.81 0.00 | 52.62 -0.96 0.00 | 62.38 -0.82 0.00 | 136.16 -0.54 0.00 | 141.23 -0.85 0.00 | 136.07 -2.93 0.00 | 134.42 -3.44 0.00 | 133.66 -3.14 0.00 | 124.71 -3.73 0.00 | 75.98 -2.51 0.00 | 58.43 -2.37 0.00 | 55.38 -2.31 0.00 | 46.45 -2.03 0.00 | 48.04 -1.74 0.00 | 54.85 -1.46 0.00 | 75.41 -1.62 0.00 | 64.85 -1.46 0.00 | 66.64 -2.63 0.00 | 60.76 -2.53 0.00 | 55.12 -3.03 0.00 | 48.34 -2.28 0.00 |
| FREEPORT_EQUS_GT1 23764 | 133.41 5.87 -83.72 | 126.26 5.98 -75.33 | 127.08 6.60 -70.83 | 127.20 6.50 -70.30 | 127.14 7.07 -66.48 | 141.00 8.41 -69.39 | 171.82 19.14 -15.99 | 201.16 20.17 -38.92 | 182.53 20.57 -22.97 | 215.03 21.22 -55.95 | 213.32 20.39 -56.13 | 170.89 19.01 -23.45 | 164.41 11.70 -74.22 | 154.18 9.12 -84.26 | 147.55 8.60 -81.27 | 149.34 7.32 -93.53 | 163.03 7.42 -105.82 | 183.79 8.56 -118.92 | 206.89 11.70 -118.16 | 194.11 10.01 -117.78 | 174.40 10.60 -94.53 | 160.56 9.49 -87.78 | 141.31 8.49 -74.68 | 132.67 7.19 -74.86 |
| FREEPORT___CT2 23818 | 133.41 5.87 -83.72 | 126.26 5.98 -75.33 | 127.08 6.60 -70.83 | 127.20 6.50 -70.30 | 127.14 7.07 -66.48 | 141.00 8.41 -69.39 | 171.82 19.14 -15.99 | 201.16 20.17 -38.92 | 182.53 20.57 -22.97 | 215.03 21.22 -55.95 | 213.32 20.39 -56.13 | 170.89 19.01 -23.45 | 164.41 11.70 -74.22 | 154.18 9.12 -84.26 | 147.55 8.60 -81.27 | 149.34 7.32 -93.53 | 163.03 7.42 -105.82 | 183.79 8.56 -118.92 | 206.89 11.70 -118.16 | 194.11 10.01 -117.78 | 174.40 10.60 -94.53 | 160.56 9.49 -87.78 | 141.31 8.49 -74.68 | 132.67 7.19 -74.86 |
| FULTON COGEN____ 23766 | 50.78 -0.26 -7.22 | 51.01 -0.27 -6.32 | 54.85 -0.25 -5.45 | 55.29 -0.50 -5.39 | 58.59 -0.37 -5.38 | 68.53 -0.51 -5.84 | 136.37 -1.37 -1.03 | 142.04 -1.28 -1.24 | 138.02 -0.97 0.00 | 137.03 -0.82 0.00 | 135.85 -0.95 0.00 | 127.54 -0.89 0.00 | 82.56 -0.55 -4.61 | 66.31 -0.24 -5.75 | 63.07 -0.17 -5.56 | 55.25 -0.19 -6.96 | 53.06 -0.65 -3.93 | 60.17 -0.84 -4.70 | 81.04 -1.15 -5.17 | 70.15 -0.93 -4.77 | 72.47 -0.83 -4.03 | 66.71 -0.76 -4.18 | 61.04 -0.64 -3.53 | 53.90 -0.56 -3.84 |
| FULTON___LFGE 323630 | 141.93 5.87 -92.23 | 131.60 5.93 -80.71 | 126.41 7.15 -69.62 | 126.10 6.85 -68.84 | 129.71 7.45 -68.68 | 146.30 9.04 -74.06 | 159.56 23.78 0.93 | 165.98 25.01 1.11 | 164.00 25.01 0.00 | 162.66 24.81 0.00 | 160.47 23.67 0.00 | 150.39 21.96 0.00 | 150.84 12.24 -60.10 | 145.63 9.91 -74.91 | 139.23 9.11 -72.43 | 140.69 7.52 -84.69 | 136.79 7.37 -79.63 | 160.21 8.56 -95.34 | 193.56 11.79 -104.75 | 173.40 10.41 -96.68 | 161.74 10.80 -81.67 | 156.92 8.86 -84.77 | 138.94 9.13 -71.67 | 135.93 7.54 -77.77 |
| G.F.CEMENT___DRP 24184 | 127.66 4.25 -79.59 | 118.96 4.36 -69.64 | 114.73 5.01 -60.08 | 114.75 4.94 -59.41 | 118.32 5.47 -59.26 | 133.15 6.01 -63.94 | 150.50 13.80 0.00 | 155.58 13.50 0.00 | 152.05 13.06 0.00 | 151.77 13.92 0.00 | 150.76 13.96 0.00 | 141.92 13.48 0.00 | 138.53 8.16 -51.87 | 131.78 6.32 -64.65 | 126.26 6.06 -62.51 | 126.85 5.04 -73.32 | 123.54 4.83 -68.93 | 144.47 5.63 -82.53 | 175.17 7.47 -90.67 | 156.50 6.50 -83.69 | 146.68 6.72 -70.69 | 142.74 6.08 -73.37 | 126.34 6.16 -62.03 | 123.15 5.22 -67.31 |
| GARDENVILLE___LBMP 24039 | 55.17 -2.10 -13.45 | 54.61 -2.11 -11.77 | 58.10 -1.69 -10.15 | 57.71 -2.72 -10.04 | 61.83 -1.77 -10.01 | 67.68 -4.17 -8.65 | 68.95 -8.61 59.14 | 62.68 -8.52 70.88 | 53.32 -8.75 76.92 | 51.08 -8.83 77.95 | 48.91 -9.03 78.86 | 47.33 -9.12 71.99 | 43.86 -5.57 29.07 | 42.86 -4.07 13.87 | 40.00 -3.92 13.76 | 40.36 -2.96 5.17 | 54.90 -3.49 -8.60 | 62.61 -4.00 -10.30 | 82.41 -5.93 -11.31 | 71.91 -4.84 -10.44 | 73.73 -4.36 -8.82 | 69.22 -3.23 -9.15 | 63.56 -2.33 -7.74 | 57.95 -1.07 -8.39 |
| GENERAL___MILLS 23808 | 55.29 -1.97 -13.44 | 54.79 -1.93 -11.76 | 58.25 -1.54 -10.15 | 57.86 -2.57 -10.03 | 61.99 -1.61 -10.01 | 67.90 -3.98 -8.68 | 70.27 -8.07 58.36 | 64.18 -7.95 69.94 | 54.81 -8.20 75.98 | 52.73 -8.13 76.99 | 50.43 -8.48 77.90 | 48.72 -8.60 71.11 | 44.61 -5.26 28.63 | 43.38 -3.83 13.59 | 40.51 -3.69 13.49 | 40.78 -2.76 4.94 | 55.11 -3.29 -8.61 | 62.85 -3.77 -10.31 | 82.73 -5.62 -11.33 | 72.19 -4.57 -10.45 | 74.08 -4.02 -8.83 | 69.48 -2.97 -9.16 | 63.80 -2.09 -7.75 | 58.16 -0.86 -8.40 |

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| GE_PLASTICS___DRP 24183 | 122.71 2.81 -76.08 | 114.45 2.92 -66.58 | 110.35 3.28 -57.43 | 110.37 3.18 -56.79 | 113.78 3.54 -56.65 | 128.31 3.98 -61.12 | 142.57 5.87 0.00 | 147.91 5.83 0.00 | 144.96 5.97 0.00 | 144.47 6.62 0.00 | 143.37 6.57 0.00 | 134.73 6.29 0.00 | 132.01 3.92 -49.60 | 125.66 3.04 -61.82 | 120.34 2.88 -59.77 | 121.07 2.47 -70.11 | 118.02 2.24 -65.99 | 137.86 2.54 -79.01 | 167.30 3.47 -86.80 | 149.41 2.99 -80.11 | 140.13 3.19 -67.68 | 136.44 2.91 -70.24 | 120.26 2.73 -59.39 | 118.10 3.04 -64.44 |
| GILBOA___1 23756 | 105.47 2.50 -59.15 | 99.33 2.61 -51.76 | 97.22 2.93 -44.65 | 97.32 2.77 -44.15 | 100.74 3.11 -44.05 | 114.22 3.54 -47.48 | 142.91 7.38 1.16 | 147.93 7.24 1.40 | 145.45 7.50 1.05 | 144.65 7.85 1.06 | 143.53 7.79 1.07 | 135.29 7.84 0.98 | 121.47 4.87 -38.11 | 112.38 3.77 -47.81 | 107.48 3.58 -46.22 | 105.71 3.06 -54.16 | 103.63 2.74 -51.10 | 120.42 2.93 -61.18 | 148.17 3.93 -67.22 | 131.80 3.45 -62.04 | 125.49 3.81 -52.41 | 121.36 3.67 -54.40 | 107.50 3.37 -45.99 | 103.36 2.83 -49.90 |
| GILBOA___2 23757 | 105.47 2.50 -59.15 | 99.33 2.61 -51.76 | 97.22 2.93 -44.65 | 97.32 2.77 -44.15 | 100.74 3.11 -44.05 | 114.22 3.54 -47.48 | 142.91 7.38 1.16 | 147.93 7.24 1.40 | 145.45 7.50 1.05 | 144.65 7.85 1.06 | 143.53 7.79 1.07 | 135.29 7.84 0.98 | 121.47 4.87 -38.11 | 112.38 3.77 -47.81 | 107.48 3.58 -46.22 | 105.71 3.06 -54.16 | 103.63 2.74 -51.10 | 120.42 2.93 -61.18 | 148.17 3.93 -67.22 | 131.80 3.45 -62.04 | 125.49 3.81 -52.41 | 121.36 3.67 -54.40 | 107.50 3.37 -45.99 | 103.36 2.83 -49.90 |
| GILBOA___3 23758 | 105.47 2.50 -59.15 | 99.33 2.61 -51.76 | 97.22 2.93 -44.65 | 97.32 2.77 -44.15 | 100.74 3.11 -44.05 | 114.22 3.54 -47.48 | 142.91 7.38 1.16 | 147.93 7.24 1.40 | 145.45 7.50 1.05 | 144.65 7.85 1.06 | 143.53 7.79 1.07 | 135.29 7.84 0.98 | 121.47 4.87 -38.11 | 112.38 3.77 -47.81 | 107.48 3.58 -46.22 | 105.71 3.06 -54.16 | 103.63 2.74 -51.10 | 120.42 2.93 -61.18 | 148.17 3.93 -67.22 | 131.80 3.45 -62.04 | 125.49 3.81 -52.41 | 121.36 3.67 -54.40 | 107.50 3.37 -45.99 | 103.36 2.83 -49.90 |
| GILBOA___4 23759 | 105.47 2.50 -59.15 | 99.33 2.61 -51.76 | 97.22 2.93 -44.65 | 97.32 2.77 -44.15 | 100.74 3.11 -44.05 | 114.22 3.54 -47.48 | 142.91 7.38 1.16 | 147.93 7.24 1.40 | 145.45 7.50 1.05 | 144.65 7.85 1.06 | 143.53 7.79 1.07 | 135.29 7.84 0.98 | 121.47 4.87 -38.11 | 112.38 3.77 -47.81 | 107.48 3.58 -46.22 | 105.71 3.06 -54.16 | 103.63 2.74 -51.10 | 120.42 2.93 -61.18 | 148.17 3.93 -67.22 | 131.80 3.45 -62.04 | 125.49 3.81 -52.41 | 121.36 3.67 -54.40 | 107.50 3.37 -45.99 | 103.36 2.83 -49.90 |
| GILBOA____ 23599 | 105.47 2.50 -59.15 | 99.33 2.61 -51.76 | 97.22 2.93 -44.65 | 97.32 2.77 -44.15 | 100.74 3.11 -44.05 | 114.22 3.54 -47.48 | 142.91 7.38 1.16 | 147.93 7.24 1.40 | 145.45 7.50 1.05 | 144.65 7.85 1.06 | 143.53 7.79 1.07 | 135.29 7.84 0.98 | 121.47 4.87 -38.11 | 112.38 3.77 -47.81 | 107.48 3.58 -46.22 | 105.71 3.06 -54.16 | 103.63 2.74 -51.10 | 120.42 2.93 -61.18 | 148.17 3.93 -67.22 | 131.80 3.45 -62.04 | 125.49 3.81 -52.41 | 121.36 3.67 -54.40 | 107.50 3.37 -45.99 | 103.36 2.83 -49.90 |
| GINNA____ 23603 | 51.02 -2.41 -9.60 | 50.89 -2.47 -8.40 | 54.31 -2.58 -7.25 | 54.59 -2.97 -7.17 | 57.95 -2.79 -7.15 | 67.40 -3.73 -7.93 | 134.59 -8.07 -5.95 | 140.97 -8.24 -7.14 | 136.77 -7.64 -5.42 | 135.77 -7.58 -5.49 | 134.57 -7.79 -5.56 | 126.06 -7.45 -5.07 | 82.51 -4.39 -8.41 | 66.55 -3.16 -8.91 | 63.39 -2.94 -8.64 | 56.63 -2.47 -10.61 | 52.08 -3.79 -6.08 | 59.36 -4.22 -7.27 | 79.16 -5.86 -7.99 | 68.71 -4.97 -7.38 | 70.45 -5.05 -6.23 | 65.32 -4.43 -6.47 | 59.72 -3.90 -5.47 | 53.59 -2.99 -5.95 |
| GLEN PARK____ 23778 | 49.67 0.96 -4.89 | 50.22 0.99 -4.28 | 54.37 1.04 -3.69 | 55.21 1.16 -3.65 | 58.72 1.50 -3.64 | 68.84 1.71 -3.93 | 141.35 4.65 0.00 | 147.34 5.26 0.00 | 144.27 5.28 0.00 | 142.81 4.96 0.00 | 141.46 4.65 0.00 | 132.29 3.85 0.00 | 83.81 2.19 -3.12 | 66.22 1.52 -3.89 | 62.89 1.44 -3.76 | 54.30 1.31 -4.50 | 52.69 1.00 -1.91 | 60.12 1.52 -2.28 | 81.77 2.24 -2.51 | 70.68 2.06 -2.31 | 73.16 1.94 -1.96 | 66.71 1.39 -2.03 | 61.02 1.16 -1.72 | 53.70 1.21 -1.86 |
| GLENWOOD_IC_1_G5 23712 | 126.19 5.43 -76.94 | 119.26 5.53 -68.78 | 119.25 6.15 -63.46 | 119.32 5.99 -62.93 | 120.33 6.54 -60.21 | 134.27 7.77 -63.30 | 166.50 17.76 -12.04 | 197.55 19.04 -36.43 | 177.16 19.46 -18.72 | 197.39 20.13 -39.40 | 197.57 19.97 -40.79 | 165.23 18.62 -18.17 | 158.33 11.46 -68.38 | 148.50 8.94 -78.76 | 141.25 8.42 -75.14 | 143.25 7.17 -87.58 | 156.87 7.22 -99.87 | 175.54 8.28 -110.95 | 200.84 11.33 -112.48 | 186.89 9.68 -110.91 | 167.12 10.19 -87.66 | 150.94 9.17 -78.48 | 132.96 8.14 -66.68 | 125.26 6.63 -68.00 |
| GLENWOOD_IC_2_G1 23688 | 118.47 5.17 -69.47 | 111.79 5.26 -61.58 | 110.83 5.85 -55.34 | 110.91 5.69 -54.82 | 113.10 6.21 -53.30 | 127.19 7.39 -56.60 | 161.19 16.81 -7.68 | 193.81 18.05 -33.69 | 171.37 18.35 -14.03 | 178.07 19.03 -21.19 | 179.60 18.89 -23.91 | 158.53 17.73 -12.36 | 151.35 10.91 -61.95 | 142.02 8.51 -72.70 | 134.11 8.02 -68.40 | 136.36 6.84 -81.03 | 150.03 6.92 -93.32 | 166.37 7.88 -102.17 | 194.05 10.78 -106.24 | 178.86 9.21 -103.33 | 159.08 9.70 -80.11 | 140.27 8.74 -68.24 | 123.81 7.79 -57.87 | 117.35 6.28 -60.46 |
| GLENWOOD_IC_3_G1 23689 | 118.47 5.17 -69.47 | 111.79 5.26 -61.58 | 110.83 5.85 -55.34 | 110.91 5.69 -54.82 | 113.10 6.21 -53.30 | 127.19 7.39 -56.60 | 161.19 16.81 -7.68 | 193.81 18.05 -33.69 | 171.37 18.35 -14.03 | 178.07 19.03 -21.19 | 179.60 18.89 -23.91 | 158.53 17.73 -12.36 | 151.35 10.91 -61.95 | 142.02 8.51 -72.70 | 134.11 8.02 -68.40 | 136.36 6.84 -81.03 | 150.03 6.92 -93.32 | 166.37 7.88 -102.17 | 194.05 10.78 -106.24 | 178.86 9.21 -103.33 | 159.08 9.70 -80.11 | 140.27 8.74 -68.24 | 123.81 7.79 -57.87 | 117.35 6.28 -60.46 |
| GLENWOOD___4 23550 | 126.21 5.43 -76.95 | 119.28 5.53 -68.79 | 119.27 6.15 -63.47 | 119.34 5.99 -62.94 | 120.34 6.54 -60.22 | 134.28 7.77 -63.31 | 166.51 17.76 -12.04 | 197.55 19.04 -36.43 | 177.17 19.46 -18.72 | 197.41 20.13 -39.43 | 197.60 19.97 -40.82 | 165.24 18.62 -18.18 | 158.34 11.46 -68.39 | 148.51 8.94 -78.77 | 141.26 8.42 -75.15 | 143.26 7.17 -87.59 | 156.88 7.22 -99.88 | 175.56 8.28 -110.96 | 200.85 11.33 -112.49 | 186.91 9.68 -110.92 | 167.20 10.25 -87.68 | 150.96 9.17 -78.50 | 132.98 8.14 -66.69 | 125.27 6.63 -68.02 |
| GLENWOOD___5 23614 | 126.21 5.43 -76.95 | 119.28 5.53 -68.79 | 119.27 6.15 -63.47 | 119.34 5.99 -62.94 | 120.34 6.54 -60.22 | 134.28 7.77 -63.31 | 166.51 17.76 -12.04 | 197.55 19.04 -36.43 | 177.17 19.46 -18.72 | 197.41 20.13 -39.43 | 197.60 19.97 -40.82 | 165.24 18.62 -18.18 | 158.34 11.46 -68.39 | 148.51 8.94 -78.77 | 141.26 8.42 -75.15 | 143.26 7.17 -87.59 | 156.88 7.22 -99.88 | 175.56 8.28 -110.96 | 200.85 11.33 -112.49 | 186.91 9.68 -110.92 | 167.20 10.25 -87.68 | 150.96 9.17 -78.50 | 132.98 8.14 -66.69 | 125.27 6.63 -68.02 |
| GLOBAL GREEN_PORT_GT1 23814 | 116.14 8.06 -64.25 | 109.76 8.27 -56.54 | 108.38 9.08 -49.65 | 108.51 8.97 -49.14 | 111.81 9.75 -48.47 | 127.06 11.95 -51.91 | 169.50 28.16 -4.64 | 205.67 31.82 -31.77 | 181.57 31.82 -10.75 | 178.27 31.98 -8.43 | 179.94 31.05 -12.09 | 165.25 28.52 -8.29 | 152.90 16.95 -57.45 | 142.28 13.01 -68.46 | 133.54 12.17 -63.68 | 135.37 10.43 -76.45 | 149.38 10.85 -88.74 | 165.13 12.78 -96.03 | 196.69 17.80 -101.86 | 179.66 15.32 -98.03 | 159.95 15.86 -74.82 | 138.66 14.30 -61.07 | 122.59 12.74 -51.70 | 116.27 10.48 -55.17 |
| GLOBE___DSASP 323697 | 53.71 -2.98 -12.87 | 53.25 -2.97 -11.26 | 56.77 -2.58 -9.72 | 56.33 -3.68 -9.61 | 60.44 -2.73 -9.58 | 65.09 -6.26 -8.14 | 61.78 -14.49 60.43 | 54.03 -15.63 72.42 | 45.34 -15.56 78.08 | 43.29 -15.44 79.13 | 41.29 -15.46 80.05 | 40.71 -14.64 73.08 | 39.80 -8.79 29.91 | 39.60 -6.63 14.58 | 36.95 -6.29 14.45 | 37.32 -5.09 6.08 | 52.20 -5.57 -7.99 | 59.35 -6.53 -9.56 | 77.90 -9.63 -10.51 | 67.91 -8.09 -9.70 | 70.12 -7.34 -8.19 | 66.22 -5.57 -8.50 | 61.26 -4.07 -7.19 | 56.24 -2.18 -7.79 |
| GOETHSLN___LBMP 323567 | 109.39 4.78 -60.79 | 103.01 4.86 -53.20 | 100.94 5.41 -45.89 | 101.02 5.24 -45.38 | 104.53 5.68 -45.27 | 118.83 6.83 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.91 8.45 -65.66 | 126.26 8.02 -60.56 | 128.69 6.79 -73.41 | 142.31 6.82 -85.70 | 156.05 7.77 -91.96 | 179.23 10.63 -91.57 | 158.24 9.15 -82.78 | 150.14 9.56 -71.31 | 128.16 8.54 -56.33 | 113.44 7.67 -47.62 | 108.36 6.07 -51.67 |

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| GOODYEAR_LAKE_HYD 323669 | 65.98 2.67 -19.48 | 64.75 2.74 -17.05 | 67.53 3.18 -14.71 | 67.87 2.92 -14.54 | 71.47 3.38 -14.51 | 82.69 3.92 -15.56 | 144.09 9.85 2.46 | 149.64 10.51 2.95 | 147.12 10.85 2.72 | 145.99 10.89 2.76 | 144.41 10.39 2.79 | 135.65 9.76 2.55 | 95.76 5.81 -11.46 | 80.38 4.50 -15.07 | 76.40 4.16 -14.56 | 69.15 3.44 -17.22 | 67.89 3.19 -14.92 | 77.83 3.66 -17.86 | 101.73 5.08 -19.62 | 88.86 4.44 -18.11 | 89.28 4.71 -15.30 | 83.34 4.18 -15.88 | 75.46 3.90 -13.42 | 68.48 3.29 -14.57 |
| GOUDEY___7 23579 | 66.37 0.88 -21.67 | 64.87 0.95 -18.97 | 67.24 1.24 -16.36 | 67.43 0.86 -16.18 | 71.06 1.34 -16.14 | 81.56 1.20 -17.16 | 133.18 3.28 6.80 | 137.91 3.97 8.14 | 134.62 4.31 8.68 | 133.47 4.41 8.80 | 132.01 4.10 8.90 | 124.04 3.73 8.12 | 90.65 2.28 -9.88 | 77.47 1.82 -14.84 | 73.72 1.73 -14.31 | 67.75 1.31 -17.95 | 67.54 0.94 -16.81 | 77.51 1.07 -20.13 | 100.53 1.39 -22.12 | 87.98 1.26 -20.41 | 88.04 1.52 -17.24 | 82.70 1.52 -17.90 | 74.73 1.45 -15.13 | 68.41 1.37 -16.42 |
| GOUDEY___8 23580 | 66.37 0.88 -21.67 | 64.82 0.90 -18.97 | 67.24 1.24 -16.36 | 67.38 0.80 -16.18 | 71.01 1.28 -16.14 | 81.56 1.20 -17.16 | 133.05 3.15 6.80 | 137.77 3.84 8.14 | 134.48 4.17 8.68 | 133.34 4.28 8.80 | 131.88 3.97 8.90 | 123.78 3.47 8.12 | 90.57 2.19 -9.88 | 77.41 1.76 -14.84 | 73.67 1.67 -14.31 | 67.70 1.26 -17.95 | 67.50 0.90 -16.81 | 77.46 1.01 -20.13 | 100.45 1.31 -22.12 | 87.91 1.19 -20.41 | 87.97 1.46 -17.24 | 82.64 1.46 -17.90 | 74.67 1.39 -15.13 | 68.35 1.31 -16.42 |
| GOWANUS_GT1_1 24077 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_2 24078 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_3 24079 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_4 24080 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_5 24084 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_6 24111 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_7 24112 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT1_8 24113 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_1 24114 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_2 24115 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_3 24116 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_4 24117 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_5 24118 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |

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| GOWANUS_GT2_6 24119 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_7 24120 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT2_8 24121 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_1 24122 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_2 24123 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_3 24124 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_4 24125 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_5 24126 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_6 24127 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_7 24128 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT3_8 24129 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_1 24130 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_2 24131 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_3 24132 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_4 24133 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_5 24134 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |

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|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT4_6 24135 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_7 24136 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GOWANUS_GT4_8 24137 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| GREENIDGE___3 23582 | 58.69 0.66 -14.20 | 58.15 0.76 -12.43 | 61.45 1.09 -10.72 | 61.61 0.61 -10.60 | 65.40 1.23 -10.58 | 75.59 1.01 -11.38 | 138.90 3.15 0.95 | 145.07 4.12 1.14 | 136.72 3.05 5.32 | 135.22 2.76 5.39 | 133.67 2.32 5.46 | 125.00 1.55 4.98 | 85.18 0.95 -5.74 | 70.42 0.91 -8.70 | 66.94 0.87 -8.39 | 62.46 1.16 -12.81 | 60.39 0.60 -10.00 | 68.91 0.62 -11.97 | 91.03 0.85 -13.16 | 79.25 0.80 -12.14 | 80.57 1.04 -10.26 | 74.89 0.95 -10.65 | 68.07 0.93 -9.00 | 61.40 1.01 -9.77 |
| GREENIDGE___4 23583 | 58.69 0.66 -14.20 | 58.15 0.76 -12.43 | 61.45 1.09 -10.72 | 61.61 0.61 -10.60 | 65.40 1.23 -10.58 | 75.59 1.01 -11.38 | 138.90 3.15 0.95 | 145.07 4.12 1.14 | 136.72 3.05 5.32 | 135.22 2.76 5.39 | 133.67 2.32 5.46 | 125.00 1.55 4.98 | 85.18 0.95 -5.74 | 70.42 0.91 -8.70 | 66.94 0.87 -8.39 | 62.46 1.16 -12.81 | 60.39 0.60 -10.00 | 68.91 0.62 -11.97 | 91.03 0.85 -13.16 | 79.25 0.80 -12.14 | 80.57 1.04 -10.26 | 74.89 0.95 -10.65 | 68.07 0.93 -9.00 | 61.40 1.01 -9.77 |
| GROVEVILLE___HYD 323602 | 110.14 4.91 -61.41 | 103.73 5.03 -53.74 | 101.61 5.61 -46.36 | 101.68 5.44 -45.84 | 105.26 5.95 -45.73 | 119.45 6.95 -49.30 | 151.90 16.12 0.92 | 158.44 17.47 1.11 | 156.36 17.37 0.00 | 155.91 18.05 0.00 | 154.46 17.65 0.00 | 144.88 16.44 0.00 | 128.52 9.97 -40.06 | 118.52 7.78 -49.93 | 113.23 7.27 -48.28 | 110.96 6.16 -56.31 | 109.42 6.22 -53.41 | 127.47 7.21 -63.95 | 157.45 10.17 -70.26 | 139.91 8.75 -64.85 | 133.05 9.00 -54.78 | 128.25 8.10 -56.86 | 113.48 7.27 -48.07 | 108.76 5.82 -52.32 |
| HAMPSHIRE___PAPER_HYD 323593 | 45.55 -0.75 -2.47 | 46.31 -0.81 -2.16 | 50.51 -0.99 -1.87 | 51.89 -0.35 -1.85 | 55.11 -0.32 -1.84 | 64.94 -0.25 -1.99 | 136.84 0.14 0.00 | 142.51 0.43 0.00 | 138.85 -0.14 0.00 | 137.31 -0.55 0.00 | 136.26 -0.55 0.00 | 127.40 -1.03 0.00 | 79.29 -0.78 -1.58 | 61.92 -0.85 -1.96 | 58.78 -0.81 -1.90 | 50.09 -0.68 -2.28 | 48.99 -0.80 0.00 | 55.75 -0.56 0.00 | 76.49 -0.54 0.00 | 65.91 -0.40 0.00 | 68.44 -0.83 0.00 | 62.27 -1.02 0.00 | 56.98 -1.16 0.00 | 49.81 -0.81 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 48.23 2.23 -2.17 | 49.15 2.29 -1.90 | 53.96 2.68 -1.64 | 54.54 2.52 -1.62 | 58.15 2.95 -1.62 | 68.30 3.35 -1.75 | 144.49 7.79 0.00 | 150.46 8.38 0.00 | 147.47 8.48 0.00 | 146.55 8.69 0.00 | 145.43 8.62 0.00 | 136.53 8.10 0.00 | 84.83 4.95 -1.39 | 66.37 3.83 -1.73 | 63.05 3.70 -1.67 | 53.74 3.25 -2.00 | 51.13 2.69 1.34 | 57.80 3.10 1.60 | 79.42 4.16 1.76 | 68.13 3.45 1.63 | 71.43 3.53 1.37 | 64.90 3.04 1.43 | 59.67 2.73 1.21 | 51.69 2.38 1.31 |
| HARZA MOOSE___RIVER 24016 | 48.17 0.88 -3.47 | 48.89 0.90 -3.03 | 53.30 1.04 -2.62 | 53.99 1.01 -2.59 | 57.45 1.28 -2.58 | 67.44 1.45 -2.78 | 140.39 3.69 0.00 | 146.34 4.26 0.00 | 143.44 4.45 0.00 | 142.13 4.28 0.00 | 140.90 4.10 0.00 | 132.03 3.59 0.00 | 82.75 2.04 -2.22 | 65.02 1.46 -2.76 | 61.74 1.38 -2.67 | 52.89 1.21 -3.19 | 50.53 0.75 0.00 | 57.38 1.07 0.00 | 78.57 1.54 0.00 | 67.63 1.33 0.00 | 70.58 1.31 0.00 | 64.30 1.01 0.00 | 59.02 0.87 0.00 | 51.48 0.86 0.00 |
| HEMPSTEAD___ 23647 | 127.73 5.57 -78.34 | 120.76 5.66 -70.14 | 120.93 6.31 -64.98 | 121.00 6.15 -64.46 | 121.79 6.70 -61.51 | 135.73 7.96 -64.56 | 167.74 18.18 -12.85 | 198.34 19.32 -36.94 | 178.32 19.73 -19.60 | 201.08 20.40 -42.83 | 200.89 20.12 -43.97 | 166.45 18.75 -19.27 | 159.63 11.54 -69.59 | 149.70 9.00 -79.90 | 142.58 8.48 -76.41 | 144.53 7.23 -88.81 | 158.21 7.32 -101.10 | 177.24 8.33 -112.60 | 202.08 11.40 -113.66 | 188.39 9.75 -112.33 | 168.68 10.32 -89.09 | 152.94 9.24 -80.41 | 134.73 8.25 -68.33 | 126.83 6.79 -69.43 |
| HICKLING___1 23621 | 62.21 0.88 -17.51 | 61.22 0.95 -15.32 | 64.30 1.44 -13.21 | 64.27 0.80 -13.07 | 68.23 1.61 -13.04 | 78.29 1.26 -13.82 | 133.96 3.82 6.57 | 139.18 4.97 7.87 | 127.26 2.78 14.51 | 125.63 2.48 14.71 | 123.70 1.77 14.88 | 115.63 0.78 13.58 | 81.93 0.47 -2.96 | 69.32 0.61 -7.91 | 65.84 0.58 -7.58 | 64.02 1.36 -14.18 | 63.72 1.05 -12.89 | 72.87 1.13 -15.43 | 95.29 1.31 -16.95 | 83.28 1.33 -15.65 | 84.22 1.73 -13.22 | 78.72 1.71 -13.72 | 71.43 1.69 -11.60 | 64.98 1.77 -12.59 |
| HICKLING___2 23622 | 62.21 0.88 -17.51 | 61.22 0.95 -15.32 | 64.30 1.44 -13.21 | 64.27 0.80 -13.07 | 68.23 1.61 -13.04 | 78.29 1.26 -13.82 | 133.96 3.82 6.57 | 139.18 4.97 7.87 | 127.26 2.78 14.51 | 125.63 2.48 14.71 | 123.70 1.77 14.88 | 115.63 0.78 13.58 | 81.93 0.47 -2.96 | 69.32 0.61 -7.91 | 65.84 0.58 -7.58 | 64.02 1.36 -14.18 | 63.72 1.05 -12.89 | 72.87 1.13 -15.43 | 95.29 1.31 -16.95 | 83.28 1.33 -15.65 | 84.22 1.73 -13.22 | 78.72 1.71 -13.72 | 71.43 1.69 -11.60 | 64.98 1.77 -12.59 |
| HIGH FALLS___HY 23754 | 107.14 4.21 -59.11 | 100.99 4.32 -51.72 | 99.07 4.81 -44.62 | 99.15 4.63 -44.12 | 102.69 5.09 -44.01 | 116.78 6.13 -47.45 | 150.52 14.77 0.95 | 157.28 16.33 1.14 | 154.97 15.98 0.00 | 153.57 15.71 0.00 | 151.72 14.91 0.00 | 142.31 13.88 0.00 | 125.22 8.16 -38.56 | 115.25 6.38 -48.07 | 109.98 5.82 -46.47 | 107.57 4.90 -54.19 | 105.70 5.03 -50.89 | 123.09 5.86 -60.93 | 152.74 8.78 -66.94 | 135.58 7.49 -61.78 | 129.01 7.55 -52.19 | 124.73 7.28 -54.17 | 110.39 6.45 -45.79 | 105.42 5.06 -49.74 |
| HILLBURN___GT 23639 | 104.61 4.51 -56.27 | 98.82 4.63 -49.24 | 97.28 5.16 -42.48 | 97.34 4.94 -42.00 | 100.95 5.47 -41.90 | 115.07 6.70 -45.17 | 151.42 15.71 0.99 | 157.93 17.04 1.19 | 156.08 17.09 0.00 | 155.37 17.51 0.00 | 154.04 17.24 0.00 | 144.36 15.92 0.00 | 124.94 9.73 -36.72 | 114.23 7.66 -45.76 | 109.09 7.15 -44.25 | 106.10 6.06 -51.56 | 104.93 6.22 -48.92 | 122.03 7.15 -58.57 | 151.38 10.01 -64.35 | 134.31 8.62 -59.39 | 128.31 8.87 -50.17 | 123.27 7.91 -52.07 | 109.14 6.97 -44.02 | 103.96 5.57 -47.77 |
| HISHELDN_WT_PWR 323625 | 56.14 -1.67 -13.98 | 55.57 -1.62 -12.24 | 58.96 -1.24 -10.55 | 58.67 -2.17 -10.44 | 62.77 -1.23 -10.41 | 71.65 -3.35 -11.80 | 145.42 -6.97 -15.68 | 154.06 -6.82 -18.79 | 145.79 -7.37 -14.17 | 144.90 -7.31 -14.36 | 143.67 -7.66 -14.52 | 133.86 -7.84 -13.26 | 88.50 -4.71 -14.71 | 71.56 -3.46 -14.22 | 68.21 -3.29 -13.81 | 63.65 -2.37 -17.54 | 56.16 -2.84 -9.21 | 64.02 -3.32 -11.03 | 84.21 -4.93 -12.12 | 73.44 -4.05 -11.18 | 75.26 -3.46 -9.45 | 70.56 -2.53 -9.81 | 64.69 -1.74 -8.29 | 58.95 -0.66 -8.99 |
| HOLTSVILLE_IC_1 23690 | 113.70 5.69 -64.19 | 107.27 5.84 -56.47 | 105.63 6.41 -49.58 | 105.77 6.30 -49.07 | 108.80 6.81 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 195.00 21.17 -31.74 | 171.25 21.54 -10.71 | 168.33 22.20 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.21 12.32 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.54 7.66 -76.39 | 146.29 7.82 -88.68 | 161.28 9.01 -95.96 | 190.93 12.09 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.55 8.78 -51.63 | 112.87 7.14 -55.10 |

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| HOLTSVILLE_IC_10 23699 | 114.31 6.00 -64.48 | 107.87 6.16 -56.76 | 106.24 6.70 -49.90 | 106.39 6.60 -49.39 | 109.39 7.13 -48.68 | 123.98 8.66 -52.11 | 161.85 20.37 -4.77 | 196.24 22.31 -31.85 | 172.68 22.80 -10.90 | 170.15 23.30 -8.99 | 172.39 22.98 -12.61 | 158.36 21.45 -8.47 | 149.09 12.95 -57.65 | 139.48 10.03 -68.65 | 130.98 9.41 -63.89 | 133.19 8.05 -76.65 | 146.99 8.27 -88.94 | 162.13 9.52 -96.30 | 191.95 12.86 -102.06 | 175.58 11.01 -98.27 | 155.83 11.50 -75.05 | 135.00 10.32 -61.39 | 119.37 9.25 -51.98 | 113.57 7.54 -55.40 |
| HOLTSVILLE_IC_2 23691 | 113.70 5.69 -64.19 | 107.27 5.84 -56.47 | 105.63 6.41 -49.58 | 105.77 6.30 -49.07 | 108.80 6.81 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 195.00 21.17 -31.74 | 171.25 21.54 -10.71 | 168.33 22.20 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.21 12.32 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.54 7.66 -76.39 | 146.29 7.82 -88.68 | 161.28 9.01 -95.96 | 190.93 12.09 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.55 8.78 -51.63 | 112.87 7.14 -55.10 |
| HOLTSVILLE_IC_3 23692 | 113.70 5.69 -64.19 | 107.27 5.84 -56.47 | 105.63 6.41 -49.58 | 105.77 6.30 -49.07 | 108.80 6.81 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 195.00 21.17 -31.74 | 171.25 21.54 -10.71 | 168.33 22.20 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.21 12.32 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.54 7.66 -76.39 | 146.29 7.82 -88.68 | 161.28 9.01 -95.96 | 190.93 12.09 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.55 8.78 -51.63 | 112.87 7.14 -55.10 |
| HOLTSVILLE_IC_4 23693 | 113.70 5.69 -64.19 | 107.27 5.84 -56.47 | 105.63 6.41 -49.58 | 105.77 6.30 -49.07 | 108.80 6.81 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 195.00 21.17 -31.74 | 171.25 21.54 -10.71 | 168.33 22.20 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.21 12.32 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.54 7.66 -76.39 | 146.29 7.82 -88.68 | 161.28 9.01 -95.96 | 190.93 12.09 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.55 8.78 -51.63 | 112.87 7.14 -55.10 |
| HOLTSVILLE_IC_5 23694 | 113.70 5.69 -64.19 | 107.27 5.84 -56.47 | 105.63 6.41 -49.58 | 105.77 6.30 -49.07 | 108.80 6.81 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 195.00 21.17 -31.74 | 171.25 21.54 -10.71 | 168.33 22.20 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.21 12.32 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.54 7.66 -76.39 | 146.29 7.82 -88.68 | 161.28 9.01 -95.96 | 190.93 12.09 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.55 8.78 -51.63 | 112.87 7.14 -55.10 |
| HOLTSVILLE_IC_6 23695 | 114.31 6.00 -64.48 | 107.87 6.16 -56.76 | 106.24 6.70 -49.90 | 106.39 6.60 -49.39 | 109.39 7.13 -48.68 | 123.98 8.66 -52.11 | 161.85 20.37 -4.77 | 196.24 22.31 -31.85 | 172.68 22.80 -10.90 | 170.15 23.30 -8.99 | 172.39 22.98 -12.61 | 158.36 21.45 -8.47 | 149.09 12.95 -57.65 | 139.48 10.03 -68.65 | 130.98 9.41 -63.89 | 133.19 8.05 -76.65 | 146.99 8.27 -88.94 | 162.13 9.52 -96.30 | 191.95 12.86 -102.06 | 175.58 11.01 -98.27 | 155.83 11.50 -75.05 | 135.00 10.32 -61.39 | 119.37 9.25 -51.98 | 113.57 7.54 -55.40 |
| HOLTSVILLE_IC_7 23696 | 114.31 6.00 -64.48 | 107.87 6.16 -56.76 | 106.24 6.70 -49.90 | 106.39 6.60 -49.39 | 109.39 7.13 -48.68 | 123.98 8.66 -52.11 | 161.85 20.37 -4.77 | 196.24 22.31 -31.85 | 172.68 22.80 -10.90 | 170.15 23.30 -8.99 | 172.39 22.98 -12.61 | 158.36 21.45 -8.47 | 149.09 12.95 -57.65 | 139.48 10.03 -68.65 | 130.98 9.41 -63.89 | 133.19 8.05 -76.65 | 146.99 8.27 -88.94 | 162.13 9.52 -96.30 | 191.95 12.86 -102.06 | 175.58 11.01 -98.27 | 155.83 11.50 -75.05 | 135.00 10.32 -61.39 | 119.37 9.25 -51.98 | 113.57 7.54 -55.40 |
| HOLTSVILLE_IC_8 23697 | 114.31 6.00 -64.48 | 107.87 6.16 -56.76 | 106.24 6.70 -49.90 | 106.39 6.60 -49.39 | 109.39 7.13 -48.68 | 123.98 8.66 -52.11 | 161.85 20.37 -4.77 | 196.24 22.31 -31.85 | 172.68 22.80 -10.90 | 170.15 23.30 -8.99 | 172.39 22.98 -12.61 | 158.36 21.45 -8.47 | 149.09 12.95 -57.65 | 139.48 10.03 -68.65 | 130.98 9.41 -63.89 | 133.19 8.05 -76.65 | 146.99 8.27 -88.94 | 162.13 9.52 -96.30 | 191.95 12.86 -102.06 | 175.58 11.01 -98.27 | 155.83 11.50 -75.05 | 135.00 10.32 -61.39 | 119.37 9.25 -51.98 | 113.57 7.54 -55.40 |
| HOLTSVILLE_IC_9 23698 | 114.31 6.00 -64.48 | 107.87 6.16 -56.76 | 106.24 6.70 -49.90 | 106.39 6.60 -49.39 | 109.39 7.13 -48.68 | 123.98 8.66 -52.11 | 161.85 20.37 -4.77 | 196.24 22.31 -31.85 | 172.68 22.80 -10.90 | 170.15 23.30 -8.99 | 172.39 22.98 -12.61 | 158.36 21.45 -8.47 | 149.09 12.95 -57.65 | 139.48 10.03 -68.65 | 130.98 9.41 -63.89 | 133.19 8.05 -76.65 | 146.99 8.27 -88.94 | 162.13 9.52 -96.30 | 191.95 12.86 -102.06 | 175.58 11.01 -98.27 | 155.83 11.50 -75.05 | 135.00 10.32 -61.39 | 119.37 9.25 -51.98 | 113.57 7.54 -55.40 |
| HOWARD_WT_PWR 323690 | 63.18 3.16 -16.20 | 62.73 3.60 -14.18 | 66.29 4.42 -12.23 | 66.32 3.83 -12.09 | 70.52 4.88 -12.06 | 81.53 5.50 -12.84 | 147.35 15.58 4.93 | 154.36 18.19 5.91 | 144.17 16.25 11.08 | 141.79 15.16 11.23 | 140.23 14.78 11.36 | 130.52 12.45 10.37 | 89.49 6.91 -4.08 | 74.70 5.59 -8.31 | 71.15 5.48 -7.98 | 67.04 5.09 -13.46 | 66.19 4.63 -11.77 | 75.14 4.73 -14.10 | 98.21 5.70 -15.49 | 85.31 4.71 -14.30 | 86.27 4.92 -12.08 | 79.24 3.42 -12.53 | 71.59 2.85 -10.60 | 64.65 2.53 -11.50 |
| HQ_GEN_CEDARS 23644 | 41.41 -2.41 0.00 | 42.44 -2.52 0.00 | 46.66 -2.98 0.00 | 48.78 -1.61 0.00 | 51.71 -1.88 0.00 | 61.24 -1.96 0.00 | 133.02 -3.68 0.00 | 138.25 -3.83 0.00 | 133.99 -5.00 0.00 | 132.34 -5.52 0.00 | 131.61 -5.20 0.00 | 123.05 -5.39 0.00 | 75.04 -3.45 0.00 | 57.89 -2.92 0.00 | 54.92 -2.77 0.00 | 46.07 -2.42 0.00 | 47.60 -2.19 0.00 | 54.17 -2.14 0.00 | 74.33 -2.70 0.00 | 63.92 -2.38 0.00 | 66.22 -3.05 0.00 | 60.38 -2.91 0.00 | 55.12 -3.03 0.00 | 48.19 -2.43 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 41.41 -2.41 0.00 | 42.44 -2.52 0.00 | 46.66 -2.98 0.00 | 48.78 -1.61 0.00 | 51.71 -1.88 0.00 | 61.24 -1.96 0.00 | 133.02 -3.68 0.00 | 138.25 -3.83 0.00 | 133.99 -5.00 0.00 | 132.34 -5.52 0.00 | 131.61 -5.20 0.00 | 123.05 -5.39 0.00 | 75.04 -3.45 0.00 | 57.89 -2.92 0.00 | 54.92 -2.77 0.00 | 46.07 -2.42 0.00 | 47.60 -2.19 0.00 | 54.17 -2.14 0.00 | 74.33 -2.70 0.00 | 63.92 -2.38 0.00 | 66.22 -3.05 0.00 | 60.38 -2.91 0.00 | 55.12 -3.03 0.00 | 48.19 -2.43 0.00 |
| HQ_GEN_IMPORT 323601 | 36.40 -1.09 6.33 | 34.84 -1.17 8.95 | 36.39 -1.34 11.91 | 36.40 -1.16 12.84 | 40.67 -1.34 11.58 | 51.52 -1.45 10.23 | 78.04 -3.01 55.65 | 138.95 -3.13 0.00 | 78.04 -3.34 57.61 | 67.40 -3.72 66.74 | 63.16 -3.56 70.09 | 64.25 -3.46 60.72 | 51.85 -2.20 24.45 | 50.47 -1.77 8.57 | 46.44 -1.67 9.57 | 47.08 -1.41 0.00 | 48.44 -1.34 0.00 | 54.85 -1.46 0.00 | 75.10 -1.92 0.00 | 64.58 -1.72 0.00 | 67.33 -1.94 0.00 | 60.03 -1.84 1.42 | 51.04 -1.74 5.36 | 49.10 -1.52 0.00 |
| HQ_GEN_WHEEL 23651 | 42.73 -1.09 0.00 | 43.79 -1.17 0.00 | 48.30 -1.34 0.00 | 49.24 -1.16 0.00 | 52.25 -1.34 0.00 | 61.75 -1.45 0.00 | 133.69 -3.01 0.00 | 138.95 -3.13 0.00 | 135.65 -3.34 0.00 | 134.14 -3.72 0.00 | 133.25 -3.56 0.00 | 124.97 -3.46 0.00 | 51.85 -2.20 24.45 | 59.04 -1.77 0.00 | 56.01 -1.67 0.00 | 47.08 -1.41 0.00 | 48.44 -1.34 0.00 | 54.85 -1.46 0.00 | 75.10 -1.92 0.00 | 64.58 -1.72 0.00 | 67.33 -1.94 0.00 | 60.03 -1.84 1.42 | 56.40 -1.74 0.00 | 49.10 -1.52 0.00 |
| HUDSON_AVE_GT_3 23810 | 109.61 4.99 -60.79 | 103.23 5.08 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 119.08 7.08 -48.80 | 151.89 16.12 0.94 | 158.71 17.76 1.12 | 157.48 18.49 0.00 | 156.89 19.03 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.96 10.99 -54.47 | 135.04 8.58 -65.66 | 126.38 8.14 -60.56 | 128.79 6.88 -73.41 | 142.46 6.97 -85.70 | 156.16 7.88 -91.96 | 179.38 10.78 -91.57 | 158.37 9.28 -82.78 | 150.28 9.70 -71.31 | 128.36 8.74 -56.33 | 113.56 7.79 -47.62 | 108.52 6.22 -51.67 |
| HUDSON_AVE_GT_4 23540 | 109.61 4.99 -60.79 | 103.23 5.08 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 119.08 7.08 -48.80 | 151.89 16.12 0.94 | 158.71 17.76 1.12 | 157.48 18.49 0.00 | 156.89 19.03 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.96 10.99 -54.47 | 135.04 8.58 -65.66 | 126.38 8.14 -60.56 | 128.79 6.88 -73.41 | 142.46 6.97 -85.70 | 156.16 7.88 -91.96 | 179.38 10.78 -91.57 | 158.37 9.28 -82.78 | 150.28 9.70 -71.31 | 128.36 8.74 -56.33 | 113.56 7.79 -47.62 | 108.52 6.22 -51.67 |

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| HUDSON_AVE_GT_5 23657 | 109.61 4.99 -60.79 | 103.23 5.08 -53.20 | 101.14 5.61 -45.89 | 101.22 5.44 -45.38 | 104.80 5.95 -45.27 | 119.08 7.08 -48.80 | 151.89 16.12 0.94 | 158.71 17.76 1.12 | 157.48 18.49 0.00 | 156.89 19.03 0.00 | 155.69 18.89 0.00 | 151.77 17.73 -5.61 | 143.96 10.99 -54.47 | 135.04 8.58 -65.66 | 126.38 8.14 -60.56 | 128.79 6.88 -73.41 | 142.46 6.97 -85.70 | 156.16 7.88 -91.96 | 179.38 10.78 -91.57 | 158.37 9.28 -82.78 | 150.28 9.70 -71.31 | 128.36 8.74 -56.33 | 113.56 7.79 -47.62 | 108.52 6.22 -51.67 |
| HUDSON_AVE_10 24168 | 109.44 4.82 -60.79 | 103.01 4.86 -53.20 | 100.94 5.41 -45.89 | 101.02 5.24 -45.38 | 104.53 5.68 -45.27 | 118.83 6.83 -48.80 | 151.34 15.58 0.94 | 158.14 17.18 1.12 | 156.93 17.94 0.00 | 156.05 18.20 0.00 | 154.86 18.06 0.00 | 151.00 16.95 -5.61 | 143.41 10.44 -54.47 | 134.67 8.21 -65.66 | 126.03 7.78 -60.56 | 128.50 6.59 -73.41 | 142.11 6.62 -85.70 | 155.83 7.55 -91.96 | 178.99 10.39 -91.57 | 158.03 8.95 -82.78 | 149.87 9.29 -71.31 | 127.97 8.35 -56.33 | 113.27 7.50 -47.62 | 108.26 5.97 -51.67 |
| HUNTER MOUNT___DRP 323613 | 114.38 4.91 -65.64 | 107.43 5.03 -57.44 | 104.80 5.61 -49.56 | 104.89 5.49 -49.00 | 108.52 6.05 -48.88 | 122.92 7.01 -52.70 | 150.61 14.77 0.86 | 156.96 15.91 1.03 | 154.28 15.29 0.00 | 154.12 16.26 0.00 | 152.26 15.45 0.00 | 142.82 14.38 0.00 | 129.79 8.48 -42.81 | 120.80 6.63 -53.36 | 115.39 6.11 -51.59 | 113.86 5.14 -60.24 | 111.53 5.13 -56.61 | 130.06 5.97 -67.78 | 160.35 8.85 -74.47 | 142.60 7.56 -68.73 | 134.95 7.62 -58.06 | 130.39 6.84 -60.26 | 115.37 6.28 -50.95 | 111.35 5.42 -55.31 |
| HUNTINGTON_RES_REC 323705 | 113.69 5.34 -64.52 | 107.24 5.48 -56.80 | 105.59 6.00 -49.95 | 105.73 5.89 -49.43 | 108.68 6.37 -48.72 | 123.06 7.71 -52.15 | 159.54 18.04 -4.80 | 193.26 19.32 -31.87 | 169.64 19.73 -10.92 | 167.35 20.40 -9.10 | 169.63 20.12 -12.71 | 155.69 18.75 -8.51 | 147.56 11.38 -57.69 | 138.37 8.88 -68.68 | 129.93 8.31 -63.93 | 132.31 7.13 -76.69 | 146.03 7.27 -88.98 | 161.11 8.44 -96.35 | 190.60 11.48 -102.09 | 174.43 9.81 -98.31 | 154.69 10.32 -75.10 | 133.91 9.17 -61.45 | 118.31 8.14 -52.03 | 112.64 6.58 -55.45 |
| HUNTLEY___63 23557 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 |
| HUNTLEY___64 23558 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 |
| HUNTLEY___65 23559 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 |
| HUNTLEY___66 23560 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 |
| HUNTLEY___67 23561 | 54.26 -2.67 -13.11 | 53.73 -2.70 -11.47 | 57.20 -2.33 -9.89 | 56.81 -3.38 -9.78 | 60.88 -2.46 -9.76 | 66.31 -5.25 -8.36 | 65.59 -11.34 59.77 | 58.80 -11.65 71.63 | 49.87 -11.67 77.45 | 47.79 -11.58 78.48 | 45.50 -11.90 79.40 | 44.39 -11.56 72.49 | 42.10 -6.91 29.49 | 41.40 -5.17 14.24 | 38.67 -4.90 14.12 | 38.99 -3.83 5.67 | 53.56 -4.43 -8.21 | 61.07 -5.07 -9.83 | 80.35 -7.47 -10.80 | 70.04 -6.24 -9.96 | 71.94 -5.75 -8.42 | 67.66 -4.37 -8.74 | 62.28 -3.25 -7.39 | 56.86 -1.77 -8.01 |
| HUNTLEY___68 23562 | 54.26 -2.67 -13.11 | 53.73 -2.70 -11.47 | 57.20 -2.33 -9.89 | 56.81 -3.38 -9.78 | 60.88 -2.46 -9.76 | 66.31 -5.25 -8.36 | 65.59 -11.34 59.77 | 58.80 -11.65 71.63 | 49.87 -11.67 77.45 | 47.79 -11.58 78.48 | 45.50 -11.90 79.40 | 44.39 -11.56 72.49 | 42.10 -6.91 29.49 | 41.40 -5.17 14.24 | 38.67 -4.90 14.12 | 38.99 -3.83 5.67 | 53.56 -4.43 -8.21 | 61.07 -5.07 -9.83 | 80.35 -7.47 -10.80 | 70.04 -6.24 -9.96 | 71.94 -5.75 -8.42 | 67.66 -4.37 -8.74 | 62.28 -3.25 -7.39 | 56.86 -1.77 -8.01 |
| HYLAND___LFGE 323620 | 58.30 1.49 -12.98 | 57.84 1.53 -11.36 | 61.48 2.04 -9.80 | 61.45 1.36 -9.69 | 65.55 2.30 -9.67 | 75.67 1.83 -10.63 | 136.89 -5.47 -5.66 | 143.47 -5.40 -6.79 | 136.23 -5.56 -2.81 | 138.22 -2.48 -2.85 | 136.67 -3.01 -2.88 | 127.60 -3.46 -2.63 | 85.45 -1.88 -8.84 | 69.91 -1.09 -10.20 | 66.58 -0.98 -9.88 | 61.55 -0.58 -13.64 | 57.21 -1.39 -8.82 | 63.89 -2.99 -10.56 | 84.70 -3.93 -11.60 | 73.77 -3.25 -10.71 | 80.05 1.73 -9.05 | 74.51 1.84 -9.39 | 67.89 1.80 -7.94 | 61.35 2.13 -8.60 |
| INDECK___CORINTH 23802 | 127.89 3.72 -80.34 | 119.08 3.82 -70.30 | 114.71 4.42 -60.65 | 114.70 4.33 -59.97 | 118.23 4.82 -59.82 | 132.99 5.24 -64.54 | 149.01 12.31 0.00 | 154.01 11.94 0.00 | 150.39 11.40 0.00 | 150.12 12.26 0.00 | 149.25 12.45 0.00 | 140.64 12.21 0.00 | 138.16 7.30 -52.36 | 131.72 5.66 -65.26 | 126.21 5.42 -63.10 | 126.91 4.46 -73.96 | 123.45 4.23 -69.43 | 144.34 4.90 -83.13 | 174.98 6.63 -91.33 | 156.31 5.70 -84.30 | 146.36 5.88 -71.21 | 142.45 5.25 -73.91 | 126.16 5.53 -62.48 | 123.08 4.65 -67.80 |
| INDECK___ILION 23567 | 47.79 1.80 -2.17 | 48.70 1.84 -1.90 | 53.41 2.13 -1.64 | 53.98 1.96 -1.62 | 57.56 2.36 -1.62 | 67.54 2.59 -1.75 | 142.57 5.87 0.00 | 148.32 6.24 0.00 | 145.39 6.40 0.00 | 144.47 6.62 0.00 | 143.23 6.43 0.00 | 134.60 6.16 0.00 | 83.57 3.69 -1.39 | 65.45 2.92 -1.73 | 62.13 2.77 -1.67 | 52.91 2.42 -2.00 | 50.29 1.84 1.34 | 56.85 2.14 1.60 | 78.12 2.85 1.76 | 67.06 2.38 1.63 | 70.39 2.49 1.37 | 64.02 2.15 1.43 | 58.92 1.98 1.21 | 51.04 1.72 1.31 |
| INDECK___OLEAN 23982 | 57.10 -0.79 -14.06 | 56.49 -0.76 -12.30 | 60.01 -0.25 -10.61 | 59.74 -1.16 -10.50 | 64.11 0.05 -10.47 | 72.12 -0.44 -9.36 | 85.94 2.59 53.35 | 82.98 4.83 63.93 | 73.01 4.31 70.29 | 70.35 3.72 71.23 | 67.61 2.88 72.07 | 63.42 0.78 65.79 | 52.57 -0.31 25.61 | 49.20 -0.12 11.49 | 45.98 -0.29 11.42 | 45.70 0.10 2.88 | 58.56 -0.45 -9.22 | 67.24 -0.11 -11.04 | 89.39 0.23 -12.13 | 77.97 0.47 -11.19 | 79.42 0.69 -9.46 | 73.67 0.57 -9.81 | 66.85 0.41 -8.30 | 60.43 0.81 -9.00 |
| INDECK___OSWEGO 23783 | 50.20 -0.66 -7.03 | 50.43 -0.67 -6.15 | 54.25 -0.70 -5.31 | 54.74 -0.91 -5.25 | 57.96 -0.86 -5.23 | 67.81 -1.07 -5.68 | 134.12 -3.55 -0.98 | 139.42 -3.83 -1.17 | 135.65 -3.34 0.00 | 134.55 -3.31 0.00 | 133.52 -3.28 0.00 | 125.35 -3.08 0.00 | 81.18 -1.80 -4.49 | 65.61 -0.79 -5.60 | 62.35 -0.75 -5.41 | 54.62 -0.63 -6.77 | 52.48 -1.10 -3.79 | 59.56 -1.29 -4.54 | 80.25 -1.77 -4.99 | 69.39 -1.52 -4.61 | 71.70 -1.46 -3.89 | 66.00 -1.33 -4.04 | 60.45 -1.11 -3.41 | 53.36 -0.96 -3.70 |
| INDECK___YERKES 23781 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 |

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| INDIAN POINT_GT_1 24139 | 108.23 4.42 -59.98 | 101.98 4.54 -52.49 | 99.93 5.01 -45.28 | 100.01 4.84 -44.77 | 103.56 5.31 -44.67 | 117.74 6.38 -48.15 | 150.52 14.77 0.95 | 156.99 16.05 1.13 | 155.24 16.25 0.00 | 154.67 16.81 0.00 | 153.35 16.55 0.00 | 149.58 15.53 -5.61 | 141.94 9.49 -53.95 | 133.28 7.48 -65.00 | 124.65 7.04 -59.92 | 127.12 5.96 -72.67 | 140.85 6.07 -84.99 | 154.35 6.92 -91.11 | 177.20 9.55 -90.63 | 156.44 8.22 -81.91 | 148.37 8.52 -70.58 | 126.45 7.59 -55.57 | 111.93 6.80 -46.98 | 107.02 5.42 -50.98 |
| INDIAN POINT_GT_2 23659 | 108.23 4.42 -59.98 | 101.98 4.54 -52.49 | 99.93 5.01 -45.28 | 100.01 4.84 -44.77 | 103.56 5.31 -44.67 | 117.74 6.38 -48.15 | 150.52 14.77 0.95 | 156.99 16.05 1.13 | 155.24 16.25 0.00 | 154.67 16.81 0.00 | 153.35 16.55 0.00 | 149.58 15.53 -5.61 | 141.94 9.49 -53.95 | 133.28 7.48 -65.00 | 124.65 7.04 -59.92 | 127.12 5.96 -72.67 | 140.85 6.07 -84.99 | 154.35 6.92 -91.11 | 177.20 9.55 -90.63 | 156.44 8.22 -81.91 | 148.37 8.52 -70.58 | 126.45 7.59 -55.57 | 111.93 6.80 -46.98 | 107.02 5.42 -50.98 |
| INDIAN POINT_GT_3 24019 | 108.23 4.42 -59.98 | 101.98 4.54 -52.49 | 99.93 5.01 -45.28 | 100.01 4.84 -44.77 | 103.56 5.31 -44.67 | 117.74 6.38 -48.15 | 150.52 14.77 0.95 | 156.99 16.05 1.13 | 155.24 16.25 0.00 | 154.67 16.81 0.00 | 153.35 16.55 0.00 | 149.58 15.53 -5.61 | 141.94 9.49 -53.95 | 133.28 7.48 -65.00 | 124.65 7.04 -59.92 | 127.12 5.96 -72.67 | 140.85 6.07 -84.99 | 154.35 6.92 -91.11 | 177.20 9.55 -90.63 | 156.44 8.22 -81.91 | 148.37 8.52 -70.58 | 126.45 7.59 -55.57 | 111.93 6.80 -46.98 | 107.02 5.42 -50.98 |
| INDIAN POINT___2 23530 | 106.54 4.25 -58.47 | 100.48 4.36 -51.16 | 98.64 4.87 -44.14 | 98.73 4.69 -43.64 | 102.27 5.14 -43.54 | 116.33 6.20 -46.93 | 150.22 14.48 0.97 | 156.69 15.77 1.16 | 154.97 15.98 0.00 | 154.25 16.40 0.00 | 153.08 16.27 0.00 | 149.19 15.15 -5.61 | 140.71 9.26 -52.96 | 131.87 7.29 -63.77 | 123.23 6.80 -58.74 | 125.52 5.77 -71.26 | 139.36 5.92 -83.65 | 152.57 6.75 -89.51 | 175.28 9.39 -88.86 | 154.68 8.09 -80.28 | 146.85 8.38 -69.20 | 124.90 7.46 -54.14 | 110.49 6.57 -45.78 | 105.51 5.22 -49.67 |
| INDIAN POINT___3 23531 | 109.52 4.56 -61.13 | 103.08 4.63 -53.50 | 100.95 5.16 -46.15 | 101.02 4.99 -45.63 | 104.58 5.47 -45.52 | 118.73 6.45 -49.08 | 150.54 14.77 0.93 | 157.01 16.05 1.12 | 155.38 16.39 0.00 | 154.81 16.95 0.00 | 153.63 16.82 0.00 | 149.84 15.79 -5.61 | 142.92 9.73 -54.70 | 134.34 7.60 -65.93 | 125.67 7.15 -60.83 | 128.33 6.11 -73.73 | 141.92 6.12 -86.01 | 155.62 6.98 -92.33 | 178.62 9.63 -91.97 | 157.74 8.29 -83.15 | 149.55 8.66 -71.62 | 127.66 7.72 -56.65 | 112.96 6.92 -47.90 | 108.11 5.52 -51.97 |
| IP CORINTH___1 23988 | 128.15 3.99 -80.34 | 119.31 4.05 -70.30 | 115.01 4.72 -60.65 | 115.00 4.63 -59.97 | 118.55 5.14 -59.82 | 133.31 5.56 -64.54 | 149.69 12.99 0.00 | 154.72 12.64 0.00 | 151.22 12.23 0.00 | 150.96 13.10 0.00 | 150.07 13.27 0.00 | 141.28 12.84 0.00 | 138.55 7.70 -52.36 | 132.09 6.02 -65.26 | 126.50 5.71 -63.10 | 127.21 4.75 -73.96 | 123.75 4.53 -69.43 | 144.68 5.24 -83.13 | 175.37 7.01 -91.33 | 156.64 6.03 -84.30 | 146.71 6.24 -71.21 | 142.83 5.63 -73.91 | 126.50 5.87 -62.48 | 123.34 4.91 -67.80 |
| IP___TICONDEROGA 23804 | 126.27 5.78 -76.66 | 118.07 6.03 -67.09 | 114.17 6.65 -57.87 | 114.33 6.70 -57.22 | 118.28 7.61 -57.09 | 133.13 8.34 -61.59 | 155.15 18.45 0.00 | 159.41 17.33 0.00 | 155.38 16.39 0.00 | 155.77 17.91 0.00 | 155.00 18.20 0.00 | 145.77 17.33 0.00 | 139.45 10.99 -49.97 | 131.42 8.33 -62.29 | 125.99 8.08 -60.22 | 126.09 6.98 -70.62 | 123.32 6.72 -66.82 | 144.25 7.94 -80.00 | 175.39 10.47 -87.89 | 156.37 8.95 -81.12 | 147.14 9.35 -68.52 | 143.34 8.93 -71.12 | 126.82 8.55 -60.13 | 123.11 7.24 -65.25 |
| ISLIP_RES_REC 323679 | 115.16 6.53 -64.81 | 108.73 6.70 -57.07 | 107.20 7.30 -50.26 | 107.30 7.15 -49.74 | 110.34 7.77 -48.98 | 125.09 9.48 -52.41 | 163.95 22.29 -4.96 | 198.20 24.15 -31.97 | 174.83 24.74 -11.10 | 173.01 25.36 -9.79 | 175.06 24.90 -13.35 | 160.42 23.25 -8.73 | 150.40 13.97 -57.93 | 140.54 10.82 -68.92 | 132.03 10.16 -64.19 | 134.11 8.68 -76.94 | 147.92 8.91 -89.23 | 163.31 10.31 -96.69 | 193.30 13.95 -102.33 | 176.84 11.93 -98.60 | 157.12 12.46 -75.38 | 136.33 11.20 -61.84 | 120.51 10.00 -52.36 | 114.55 8.20 -55.73 |
| JARVIS____ 23743 | 46.83 0.83 -2.17 | 47.71 0.85 -1.90 | 52.33 1.04 -1.64 | 52.88 0.86 -1.62 | 56.27 1.07 -1.62 | 66.09 1.14 -1.75 | 139.16 2.46 0.00 | 144.64 2.56 0.00 | 141.91 2.92 0.00 | 141.03 3.17 0.00 | 139.81 3.01 0.00 | 131.39 2.96 0.00 | 81.69 1.81 -1.39 | 63.93 1.40 -1.73 | 60.69 1.33 -1.67 | 51.60 1.12 -2.00 | 48.94 0.50 1.34 | 55.27 0.56 1.60 | 76.03 0.77 1.76 | 65.28 0.60 1.63 | 68.59 0.69 1.37 | 62.43 0.57 1.43 | 57.52 0.58 1.21 | 49.82 0.51 1.31 |
| JENNISON___1 23625 | 70.16 3.68 -22.66 | 68.60 3.82 -19.83 | 71.11 4.37 -17.10 | 71.35 4.03 -16.91 | 75.22 4.77 -16.87 | 86.56 5.31 -18.05 | 145.17 12.72 4.24 | 151.06 14.07 5.09 | 147.94 14.32 5.37 | 146.34 13.92 5.44 | 144.72 13.41 5.50 | 135.62 12.21 5.02 | 97.95 7.30 -12.15 | 83.04 5.53 -16.70 | 79.06 5.25 -16.13 | 72.47 4.37 -19.62 | 71.69 4.13 -17.77 | 82.43 4.84 -21.28 | 107.03 6.63 -23.37 | 93.72 5.84 -21.57 | 93.66 6.16 -18.22 | 87.71 5.50 -18.92 | 79.19 5.06 -15.99 | 72.63 4.65 -17.35 |
| JENNISON___2 23626 | 70.08 3.59 -22.66 | 68.47 3.69 -19.83 | 70.96 4.22 -17.10 | 71.25 3.93 -16.91 | 75.07 4.61 -16.87 | 86.37 5.12 -18.05 | 144.89 12.44 4.24 | 150.63 13.64 5.09 | 147.52 13.90 5.37 | 146.07 13.65 5.44 | 144.30 13.00 5.50 | 135.36 11.95 5.02 | 97.71 7.07 -12.15 | 82.92 5.41 -16.70 | 78.89 5.08 -16.13 | 72.37 4.27 -19.62 | 71.54 3.98 -17.77 | 82.26 4.67 -21.28 | 106.79 6.39 -23.37 | 93.51 5.63 -21.57 | 93.52 6.02 -18.22 | 87.52 5.32 -18.92 | 79.08 4.94 -15.99 | 72.48 4.50 -17.35 |
| KEDC PORT_JEFF_GT2 24210 | 113.92 5.74 -64.36 | 107.53 5.93 -56.64 | 105.92 6.50 -49.77 | 106.01 6.35 -49.26 | 109.02 6.86 -48.57 | 123.49 8.28 -52.01 | 160.95 19.55 -4.70 | 194.91 21.02 -31.81 | 171.21 21.40 -10.82 | 168.48 21.92 -8.70 | 170.75 21.61 -12.34 | 157.36 20.54 -8.38 | 148.44 12.40 -57.55 | 138.96 9.60 -68.55 | 130.46 9.00 -63.78 | 132.69 7.66 -76.55 | 146.49 7.86 -88.84 | 161.54 9.07 -96.16 | 191.23 12.25 -101.96 | 175.00 10.54 -98.14 | 155.22 11.02 -74.93 | 134.38 9.87 -61.23 | 118.88 8.90 -51.83 | 113.14 7.24 -55.28 |
| KEDC PORT_JEFF_GT3 24211 | 113.92 5.74 -64.36 | 107.53 5.93 -56.64 | 105.92 6.50 -49.77 | 106.01 6.35 -49.26 | 109.02 6.86 -48.57 | 123.49 8.28 -52.01 | 160.95 19.55 -4.70 | 194.91 21.02 -31.81 | 171.21 21.40 -10.82 | 168.48 21.92 -8.70 | 170.75 21.61 -12.34 | 157.36 20.54 -8.38 | 148.44 12.40 -57.55 | 138.96 9.60 -68.55 | 130.46 9.00 -63.78 | 132.69 7.66 -76.55 | 146.49 7.86 -88.84 | 161.54 9.07 -96.16 | 191.23 12.25 -101.96 | 175.00 10.54 -98.14 | 155.22 11.02 -74.93 | 134.38 9.87 -61.23 | 118.88 8.90 -51.83 | 113.14 7.24 -55.28 |
| KEDC_GLWD_GT4 24219 | 126.19 5.43 -76.94 | 119.26 5.53 -68.78 | 119.25 6.15 -63.46 | 119.32 5.99 -62.93 | 120.33 6.54 -60.21 | 134.27 7.77 -63.30 | 166.50 17.76 -12.04 | 197.55 19.04 -36.43 | 177.16 19.46 -18.72 | 197.39 20.13 -39.40 | 197.57 19.97 -40.79 | 165.23 18.62 -18.17 | 158.33 11.46 -68.38 | 148.50 8.94 -78.76 | 141.25 8.42 -75.14 | 143.25 7.17 -87.58 | 156.87 7.22 -99.87 | 175.54 8.28 -110.95 | 200.84 11.33 -112.48 | 186.89 9.68 -110.91 | 167.12 10.19 -87.66 | 150.94 9.17 -78.48 | 132.96 8.14 -66.68 | 125.26 6.63 -68.00 |
| KEDC_GLWD_GT5 24220 | 126.19 5.43 -76.94 | 119.26 5.53 -68.78 | 119.25 6.15 -63.46 | 119.32 5.99 -62.93 | 120.33 6.54 -60.21 | 134.27 7.77 -63.30 | 166.50 17.76 -12.04 | 197.55 19.04 -36.43 | 177.16 19.46 -18.72 | 197.39 20.13 -39.40 | 197.57 19.97 -40.79 | 165.23 18.62 -18.17 | 158.33 11.46 -68.38 | 148.50 8.94 -78.76 | 141.25 8.42 -75.14 | 143.25 7.17 -87.58 | 156.87 7.22 -99.87 | 175.54 8.28 -110.95 | 200.84 11.33 -112.48 | 186.89 9.68 -110.91 | 167.12 10.19 -87.66 | 150.94 9.17 -78.48 | 132.96 8.14 -66.68 | 125.26 6.63 -68.00 |
| KENSICO____ 23655 | 109.15 4.60 -60.73 | 102.82 4.72 -53.14 | 100.74 5.26 -45.84 | 100.82 5.09 -45.33 | 104.33 5.52 -45.22 | 118.53 6.57 -48.75 | 150.80 15.04 0.94 | 157.43 16.47 1.12 | 155.80 16.81 0.00 | 155.23 17.37 0.00 | 154.04 17.24 0.00 | 150.23 16.18 -5.61 | 142.82 9.89 -54.43 | 134.19 7.78 -65.60 | 125.52 7.33 -60.51 | 128.05 6.21 -73.36 | 141.71 6.27 -85.65 | 155.36 7.15 -91.90 | 178.38 9.86 -91.49 | 157.51 8.49 -82.71 | 149.39 8.87 -71.25 | 127.47 7.91 -56.27 | 112.75 7.03 -47.57 | 107.86 5.62 -51.62 |

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|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| KIAC_JFK_GT1 23816 | 109.44 4.82 -60.79 | 102.97 4.81 -53.20 | 100.85 5.31 -45.89 | 100.92 5.14 -45.38 | 104.48 5.62 -45.27 | 118.70 6.70 -48.80 | 151.07 15.31 0.94 | 158.28 17.33 1.12 | 157.05 18.06 0.00 | 155.77 17.91 0.00 | 154.58 17.78 0.00 | 150.62 16.57 -5.61 | 143.17 10.20 -54.47 | 134.49 8.03 -65.66 | 125.86 7.61 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.65 7.38 -91.96 | 178.92 10.32 -91.57 | 157.90 8.82 -82.78 | 149.72 9.14 -71.31 | 127.84 8.22 -56.33 | 113.15 7.39 -47.62 | 108.21 5.92 -51.67 |
| KIAC_JFK_GT2 23817 | 109.44 4.82 -60.79 | 102.97 4.81 -53.20 | 100.85 5.31 -45.89 | 100.92 5.14 -45.38 | 104.48 5.62 -45.27 | 118.70 6.70 -48.80 | 151.07 15.31 0.94 | 158.28 17.33 1.12 | 157.05 18.06 0.00 | 155.77 17.91 0.00 | 154.58 17.78 0.00 | 150.62 16.57 -5.61 | 143.17 10.20 -54.47 | 134.49 8.03 -65.66 | 125.86 7.61 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.65 7.38 -91.96 | 178.92 10.32 -91.57 | 157.90 8.82 -82.78 | 149.72 9.14 -71.31 | 127.84 8.22 -56.33 | 113.15 7.39 -47.62 | 108.21 5.92 -51.67 |
| KINTIGH____ 23543 | 52.21 -2.94 -11.33 | 51.90 -2.97 -9.91 | 55.36 -2.83 -8.55 | 55.22 -3.63 -8.45 | 58.97 -3.05 -8.43 | 64.59 -5.31 -6.70 | 59.00 -11.62 66.08 | 50.66 -12.22 79.19 | 43.13 -11.95 83.91 | 40.97 -11.86 85.03 | 38.74 -12.04 86.02 | 38.60 -11.30 78.53 | 38.22 -6.83 33.44 | 38.47 -5.05 17.29 | 35.86 -4.73 17.10 | 35.47 -3.83 9.18 | 52.01 -4.78 -7.01 | 59.19 -5.52 -8.39 | 78.23 -8.01 -9.22 | 68.12 -6.69 -8.51 | 70.02 -6.44 -7.19 | 65.56 -5.19 -7.46 | 60.26 -4.19 -6.31 | 54.73 -2.73 -6.84 |
| LEDERLE____ 23769 | 105.26 4.78 -56.65 | 99.39 4.86 -49.58 | 97.82 5.41 -42.77 | 97.93 5.24 -42.29 | 101.56 5.79 -42.19 | 115.76 7.08 -45.48 | 152.25 16.53 0.99 | 158.80 17.90 1.18 | 157.05 18.06 0.00 | 156.19 18.34 0.00 | 154.86 18.06 0.00 | 145.13 16.69 0.00 | 125.66 10.20 -36.97 | 114.91 8.03 -46.08 | 109.74 7.50 -44.55 | 106.75 6.35 -51.91 | 105.62 6.57 -49.26 | 122.84 7.55 -58.98 | 152.38 10.55 -64.80 | 135.13 9.02 -59.81 | 129.14 9.35 -50.52 | 124.02 8.29 -52.44 | 109.80 7.33 -44.33 | 104.60 5.87 -48.11 |
| LINDEN COGEN____ 23786 | 109.39 4.78 -60.79 | 103.01 4.86 -53.20 | 100.90 5.36 -45.89 | 100.97 5.19 -45.38 | 104.53 5.68 -45.27 | 118.83 6.83 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.64 6.74 -73.41 | 142.26 6.77 -85.70 | 155.99 7.72 -91.96 | 179.23 10.63 -91.57 | 158.24 9.15 -82.78 | 150.14 9.56 -71.31 | 128.16 8.54 -56.33 | 113.44 7.67 -47.62 | 108.31 6.02 -51.67 |
| LIPA_MISC_IPP 23656 | 113.74 5.69 -64.23 | 107.31 5.84 -56.51 | 105.62 6.36 -49.63 | 105.76 6.25 -49.11 | 108.78 6.75 -48.45 | 123.30 8.21 -51.89 | 160.73 19.40 -4.62 | 195.99 22.16 -31.76 | 172.24 22.51 -10.74 | 169.25 23.02 -8.37 | 171.40 22.57 -12.03 | 157.78 21.06 -8.28 | 148.64 12.71 -57.43 | 139.10 9.85 -68.44 | 130.58 9.23 -63.66 | 132.82 7.91 -76.43 | 146.62 8.12 -88.72 | 161.67 9.35 -96.00 | 191.50 12.63 -101.84 | 175.19 10.87 -98.01 | 155.43 11.36 -74.79 | 134.52 10.19 -61.04 | 119.00 9.18 -51.68 | 113.26 7.49 -55.14 |
| LISF____SOLAR 323691 | 113.88 5.78 -64.27 | 107.44 5.93 -56.55 | 105.77 6.45 -49.67 | 105.91 6.35 -49.16 | 108.93 6.86 -48.49 | 123.47 8.34 -51.93 | 161.04 19.69 -4.65 | 196.45 22.59 -31.77 | 172.68 22.93 -10.77 | 169.90 23.57 -8.48 | 171.91 22.98 -12.13 | 158.19 21.45 -8.31 | 148.91 12.95 -57.47 | 139.26 9.97 -68.48 | 130.79 9.41 -63.70 | 132.95 8.00 -76.47 | 146.75 8.21 -88.76 | 161.89 9.52 -96.05 | 191.77 12.86 -101.88 | 175.43 11.07 -98.05 | 155.68 11.57 -74.84 | 134.77 10.38 -61.10 | 119.24 9.36 -51.73 | 113.40 7.59 -55.19 |
| LITTLE FALLS____HYD 24013 | 48.76 2.76 -2.17 | 49.74 2.88 -1.90 | 54.61 3.33 -1.64 | 55.20 3.18 -1.62 | 58.85 3.65 -1.62 | 69.05 4.11 -1.75 | 146.00 9.30 0.00 | 152.17 10.09 0.00 | 148.86 9.87 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.81 9.37 0.00 | 85.61 5.73 -1.39 | 66.97 4.44 -1.73 | 63.63 4.27 -1.67 | 54.27 3.78 -2.00 | 51.68 3.23 1.34 | 58.42 3.72 1.60 | 80.27 5.00 1.76 | 68.86 4.18 1.63 | 72.19 4.30 1.37 | 65.66 3.80 1.43 | 60.37 3.43 1.21 | 52.30 2.99 1.31 |
| LI_NEWBRDGE____DRP 323616 | 110.93 5.48 -61.63 | 104.58 5.62 -54.00 | 102.64 6.20 -46.80 | 102.78 6.10 -46.29 | 106.21 6.59 -46.04 | 120.59 7.84 -49.55 | 157.71 17.90 -3.11 | 191.78 18.90 -30.80 | 167.28 19.19 -9.11 | 159.74 19.86 -2.03 | 162.52 19.56 -6.16 | 152.92 18.23 -6.25 | 144.91 11.22 -55.19 | 135.95 8.81 -66.33 | 127.31 8.31 -61.31 | 129.72 7.08 -74.15 | 143.39 7.17 -86.44 | 157.42 8.16 -92.95 | 187.71 11.01 -99.67 | 171.03 9.35 -95.37 | 151.48 10.04 -72.16 | 129.75 8.98 -57.48 | 114.83 8.08 -48.61 | 109.82 6.68 -52.52 |
| LONG_LAKE_PHOENIX 24014 | 50.78 -0.26 -7.22 | 51.01 -0.27 -6.32 | 54.85 -0.25 -5.45 | 55.29 -0.50 -5.39 | 58.59 -0.37 -5.38 | 68.53 -0.51 -5.84 | 136.37 -1.37 -1.03 | 142.04 -1.28 -1.24 | 138.02 -0.97 0.00 | 137.03 -0.82 0.00 | 135.85 -0.95 0.00 | 127.54 -0.89 0.00 | 82.56 -0.55 -4.61 | 66.31 -0.24 -5.75 | 63.07 -0.17 -5.56 | 55.25 -0.19 -6.96 | 53.06 -0.65 -3.93 | 60.17 -0.84 -4.70 | 81.04 -1.15 -5.17 | 70.15 -0.93 -4.77 | 72.47 -0.83 -4.03 | 66.71 -0.76 -4.18 | 61.04 -0.64 -3.53 | 53.90 -0.56 -3.84 |
| LOVETT____3 23632 | 104.28 3.68 -56.77 | 98.41 3.78 -49.68 | 96.71 4.22 -42.86 | 96.81 4.03 -42.38 | 100.31 4.45 -42.27 | 114.34 5.56 -45.57 | 148.71 12.99 0.99 | 154.97 14.07 1.18 | 153.31 14.32 0.00 | 152.46 14.61 0.00 | 151.30 14.49 0.00 | 141.79 13.36 0.00 | 123.70 8.16 -37.04 | 113.49 6.51 -46.17 | 108.39 6.06 -44.64 | 105.65 5.14 -52.02 | 104.48 5.33 -49.37 | 121.50 6.08 -59.11 | 150.44 8.47 -64.94 | 133.54 7.29 -59.94 | 127.38 7.48 -50.63 | 122.48 6.64 -52.55 | 108.44 5.87 -44.43 | 103.44 4.61 -48.21 |
| LOVETT____4 23642 | 104.91 4.30 -56.79 | 99.06 4.41 -49.69 | 97.38 4.87 -42.87 | 97.48 4.69 -42.39 | 101.07 5.20 -42.29 | 115.17 6.38 -45.59 | 150.62 14.90 0.99 | 157.09 16.19 1.18 | 155.24 16.25 0.00 | 154.53 16.67 0.00 | 153.21 16.41 0.00 | 143.58 15.15 0.00 | 124.81 9.26 -37.06 | 114.35 7.35 -46.19 | 109.15 6.80 -44.66 | 106.34 5.82 -52.04 | 105.14 5.97 -49.38 | 122.30 6.87 -59.12 | 151.53 9.55 -64.96 | 134.48 8.22 -59.95 | 128.43 8.52 -50.64 | 123.38 7.53 -52.57 | 109.27 6.68 -44.44 | 104.11 5.26 -48.23 |
| LOVETT____5 23593 | 104.91 4.30 -56.79 | 99.06 4.41 -49.69 | 97.38 4.87 -42.87 | 97.48 4.69 -42.39 | 101.07 5.20 -42.29 | 115.17 6.38 -45.59 | 150.62 14.90 0.99 | 157.09 16.19 1.18 | 155.24 16.25 0.00 | 154.53 16.67 0.00 | 153.21 16.41 0.00 | 143.58 15.15 0.00 | 124.81 9.26 -37.06 | 114.35 7.35 -46.19 | 109.15 6.80 -44.66 | 106.34 5.82 -52.04 | 105.14 5.97 -49.38 | 122.30 6.87 -59.12 | 151.53 9.55 -64.96 | 134.48 8.22 -59.95 | 128.43 8.52 -50.64 | 123.38 7.53 -52.57 | 109.27 6.68 -44.44 | 104.11 5.26 -48.23 |
| LOWER RAQUET____HYD 24057 | 43.20 -1.88 -1.26 | 44.08 -1.98 -1.10 | 48.16 -2.43 -0.95 | 50.13 -1.21 -0.94 | 53.13 -1.39 -0.94 | 62.76 -1.45 -1.01 | 134.51 -2.19 0.00 | 139.80 -2.28 0.00 | 135.38 -3.61 0.00 | 133.72 -4.13 0.00 | 132.83 -3.97 0.00 | 124.20 -4.24 0.00 | 76.47 -2.82 -0.80 | 59.25 -2.55 -0.99 | 56.23 -2.42 -0.96 | 47.56 -2.08 -1.16 | 47.94 -1.84 0.00 | 54.62 -1.69 0.00 | 75.02 -2.00 0.00 | 64.58 -1.72 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.41 -2.73 0.00 | 48.54 -2.08 0.00 |
| LOWER____HUDSON 24059 | 124.95 3.72 -77.40 | 116.56 3.87 -67.74 | 112.44 4.37 -58.43 | 112.46 4.28 -57.78 | 115.99 4.77 -57.64 | 130.70 5.31 -62.18 | 147.91 11.21 0.00 | 153.02 10.94 0.00 | 149.84 10.85 0.00 | 149.44 11.58 0.00 | 148.30 11.49 0.00 | 139.48 11.05 0.00 | 135.70 6.75 -50.45 | 128.92 5.23 -62.89 | 123.51 5.02 -60.80 | 124.16 4.27 -71.40 | 121.24 4.03 -67.42 | 141.66 4.62 -80.73 | 171.95 6.24 -88.69 | 153.53 5.37 -81.86 | 144.03 5.61 -69.15 | 140.18 5.12 -71.77 | 123.82 5.00 -60.68 | 120.72 4.25 -65.84 |
| LWR____OSWEGATCHIE_HYD 23850 | 45.55 -0.75 -2.47 | 46.31 -0.81 -2.16 | 50.51 -0.99 -1.87 | 51.89 -0.35 -1.85 | 55.11 -0.32 -1.84 | 64.94 -0.25 -1.99 | 136.84 0.14 0.00 | 142.51 0.43 0.00 | 138.85 -0.14 0.00 | 137.31 -0.55 0.00 | 136.26 -0.55 0.00 | 127.40 -1.03 0.00 | 79.29 -0.78 -1.58 | 61.92 -0.85 -1.96 | 58.78 -0.81 -1.90 | 50.09 -0.68 -2.28 | 48.99 -0.80 0.00 | 55.75 -0.56 0.00 | 76.49 -0.54 0.00 | 65.91 -0.40 0.00 | 68.44 -0.83 0.00 | 62.27 -1.02 0.00 | 56.98 -1.16 0.00 | 49.81 -0.81 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| LYONS_FALL_HYD 23570 | 48.17 0.88 -3.47 | 48.89 0.90 -3.03 | 53.30 1.04 -2.62 | 53.99 1.01 -2.59 | 57.45 1.28 -2.58 | 67.44 1.45 -2.78 | 140.39 3.69 0.00 | 146.34 4.26 0.00 | 143.44 4.45 0.00 | 142.13 4.28 0.00 | 140.90 4.10 0.00 | 132.03 3.59 0.00 | 82.75 2.04 -2.22 | 65.02 1.46 -2.76 | 61.74 1.38 -2.67 | 52.89 1.21 -3.19 | 50.53 0.75 0.00 | 57.38 1.07 0.00 | 78.57 1.54 0.00 | 67.63 1.33 0.00 | 70.58 1.31 0.00 | 64.30 1.01 0.00 | 59.02 0.87 0.00 | 51.48 0.86 0.00 |
| MADISON___COUNTY_LFGE 323628 | 50.21 1.40 -4.98 | 50.76 1.44 -4.36 | 55.09 1.69 -3.76 | 55.58 1.46 -3.72 | 59.12 1.82 -3.71 | 69.23 2.02 -4.00 | 141.48 4.78 0.00 | 147.34 5.26 0.00 | 144.56 5.57 0.00 | 143.38 5.52 0.00 | 142.13 5.33 0.00 | 133.32 4.88 0.00 | 84.59 2.91 -3.19 | 67.04 2.25 -3.98 | 63.67 2.14 -3.85 | 54.87 1.80 -4.59 | 52.55 1.25 -1.52 | 59.65 1.52 -1.81 | 81.10 2.08 -1.99 | 70.00 1.85 -1.84 | 72.84 2.01 -1.55 | 66.61 1.71 -1.61 | 61.08 1.57 -1.36 | 53.52 1.42 -1.48 |
| MAPLE_RIDGE_WT_1 323574 | 43.43 -0.40 0.00 | 44.59 -0.36 0.00 | 49.30 -0.35 0.00 | 50.10 -0.30 0.00 | 53.37 -0.21 0.00 | 62.89 -0.31 0.00 | 136.02 -0.68 0.00 | 141.37 -0.71 0.00 | 138.44 -0.55 0.00 | 137.44 -0.41 0.00 | 136.39 -0.41 0.00 | 127.92 -0.51 0.00 | 78.10 -0.39 0.00 | 60.44 -0.36 0.00 | 57.29 -0.40 0.00 | 48.15 -0.34 0.00 | 45.90 -0.80 3.08 | 51.66 -0.96 3.69 | 71.43 -1.54 4.06 | 61.11 -1.46 3.74 | 64.52 -1.59 3.16 | 58.55 -1.45 3.28 | 53.97 -1.40 2.77 | 46.35 -1.26 3.01 |
| MAPLE_RIDGE_WT_2 323611 | 43.43 -0.40 0.00 | 44.59 -0.36 0.00 | 49.30 -0.35 0.00 | 50.10 -0.30 0.00 | 53.37 -0.21 0.00 | 62.89 -0.31 0.00 | 136.02 -0.68 0.00 | 141.37 -0.71 0.00 | 138.44 -0.55 0.00 | 137.44 -0.41 0.00 | 136.39 -0.41 0.00 | 127.92 -0.51 0.00 | 78.10 -0.39 0.00 | 60.44 -0.36 0.00 | 57.29 -0.40 0.00 | 48.15 -0.34 0.00 | 45.90 -0.80 3.08 | 51.66 -0.96 3.69 | 71.43 -1.54 4.06 | 61.11 -1.46 3.74 | 64.52 -1.59 3.16 | 58.55 -1.45 3.28 | 53.97 -1.40 2.77 | 46.35 -1.26 3.01 |
| MARBLE_RIVER_WT_PWR 323696 | 42.55 -1.27 0.00 | 43.61 -1.35 0.00 | 47.90 -1.74 0.00 | 49.19 -1.21 0.00 | 52.14 -1.44 0.00 | 61.69 -1.52 0.00 | 134.24 -2.46 0.00 | 139.37 -2.70 0.00 | 134.96 -4.04 0.00 | 133.44 -4.42 0.00 | 132.70 -4.10 0.00 | 124.07 -4.37 0.00 | 75.67 -2.82 0.00 | 58.37 -2.43 0.00 | 55.32 -2.37 0.00 | 46.40 -2.08 0.00 | 47.84 -1.94 0.00 | 54.34 -1.97 0.00 | 74.41 -2.62 0.00 | 63.92 -2.38 0.00 | 66.02 -3.25 0.00 | 60.13 -3.16 0.00 | 54.77 -3.37 0.00 | 47.89 -2.73 0.00 |
| MARSH_HILL_WT_PWR 323713 | 63.27 3.24 -16.20 | 62.82 3.69 -14.18 | 66.39 4.52 -12.23 | 66.43 3.93 -12.09 | 70.63 4.98 -12.06 | 81.66 5.62 -12.84 | 147.62 15.85 4.93 | 154.64 18.46 5.91 | 144.44 16.53 11.08 | 142.07 15.44 11.23 | 140.63 15.18 11.36 | 130.91 12.84 10.37 | 89.64 7.07 -4.08 | 74.83 5.71 -8.31 | 71.33 5.66 -7.98 | 67.14 5.19 -13.46 | 66.29 4.73 -11.77 | 75.25 4.84 -14.10 | 98.37 5.85 -15.49 | 85.44 4.84 -14.30 | 86.40 5.05 -12.08 | 79.37 3.54 -12.53 | 71.71 2.96 -10.60 | 64.75 2.63 -11.50 |
| MG INDUSTRY___DRP 24185 | 122.71 2.81 -76.07 | 114.45 2.92 -66.57 | 110.35 3.28 -57.43 | 110.36 3.18 -56.79 | 113.77 3.54 -56.65 | 128.30 3.98 -61.12 | 142.57 5.87 0.00 | 147.91 5.83 0.00 | 144.96 5.97 0.00 | 144.47 6.62 0.00 | 143.37 6.57 0.00 | 134.73 6.29 0.00 | 131.93 3.85 -49.59 | 125.66 3.04 -61.81 | 120.33 2.88 -59.76 | 121.06 2.47 -70.10 | 118.01 2.24 -65.98 | 137.85 2.54 -79.00 | 167.29 3.47 -86.79 | 149.40 2.99 -80.11 | 140.13 3.19 -67.67 | 136.44 2.91 -70.24 | 120.26 2.73 -59.38 | 118.10 3.04 -64.44 |
| MID___OSWEGATCHIE_HYD 23849 | 45.55 -0.75 -2.47 | 46.31 -0.81 -2.16 | 50.51 -0.99 -1.87 | 51.89 -0.35 -1.85 | 55.11 -0.32 -1.84 | 64.94 -0.25 -1.99 | 136.84 0.14 0.00 | 142.51 0.43 0.00 | 138.85 -0.14 0.00 | 137.31 -0.55 0.00 | 136.26 -0.55 0.00 | 127.40 -1.03 0.00 | 79.29 -0.78 -1.58 | 61.92 -0.85 -1.96 | 58.78 -0.81 -1.90 | 50.09 -0.68 -2.28 | 48.99 -0.80 0.00 | 55.75 -0.56 0.00 | 76.49 -0.54 0.00 | 65.91 -0.40 0.00 | 68.44 -0.83 0.00 | 62.27 -1.02 0.00 | 56.98 -1.16 0.00 | 49.81 -0.81 0.00 |
| MID___RAQUETTE_HYD 23851 | 43.20 -1.88 -1.26 | 44.08 -1.98 -1.10 | 48.16 -2.43 -0.95 | 50.13 -1.21 -0.94 | 53.13 -1.39 -0.94 | 62.76 -1.45 -1.01 | 134.51 -2.19 0.00 | 139.80 -2.28 0.00 | 135.38 -3.61 0.00 | 133.72 -4.13 0.00 | 132.83 -3.97 0.00 | 124.20 -4.24 0.00 | 76.47 -2.82 -0.80 | 59.25 -2.55 -0.99 | 56.23 -2.42 -0.96 | 47.56 -2.08 -1.16 | 47.94 -1.84 0.00 | 54.62 -1.69 0.00 | 75.02 -2.00 0.00 | 64.58 -1.72 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.41 -2.73 0.00 | 48.54 -2.08 0.00 |
| MILLIKEN___1 23584 | 57.33 0.22 -13.28 | 56.85 0.27 -11.62 | 60.02 0.35 -10.03 | 60.36 0.05 -9.92 | 63.85 0.38 -9.89 | 74.15 0.32 -10.63 | 136.70 1.23 1.23 | 142.45 1.84 1.47 | 138.35 2.09 2.72 | 137.17 2.07 2.76 | 135.78 1.77 2.79 | 127.43 1.55 2.55 | 86.42 0.87 -7.06 | 71.13 0.73 -9.60 | 67.70 0.75 -9.27 | 60.95 0.58 -11.87 | 59.17 0.10 -9.28 | 67.48 0.06 -11.11 | 89.39 0.15 -12.21 | 77.84 0.27 -11.27 | 79.14 0.35 -9.52 | 73.43 0.25 -9.88 | 66.67 0.17 -8.35 | 59.84 0.15 -9.07 |
| MILLIKEN___2 23585 | 57.33 0.22 -13.28 | 56.85 0.27 -11.62 | 60.02 0.35 -10.03 | 60.36 0.05 -9.92 | 63.85 0.38 -9.89 | 74.15 0.32 -10.63 | 136.70 1.23 1.23 | 142.45 1.84 1.47 | 138.35 2.09 2.72 | 137.17 2.07 2.76 | 135.78 1.77 2.79 | 127.43 1.55 2.55 | 86.42 0.87 -7.06 | 71.13 0.73 -9.60 | 67.70 0.75 -9.27 | 60.95 0.58 -11.87 | 59.17 0.10 -9.28 | 67.48 0.06 -11.11 | 89.39 0.15 -12.21 | 77.84 0.27 -11.27 | 79.14 0.35 -9.52 | 73.43 0.25 -9.88 | 66.67 0.17 -8.35 | 59.84 0.15 -9.07 |
| MILLIKEN___DIESEL 23629 | 57.33 0.22 -13.28 | 56.85 0.27 -11.62 | 60.02 0.35 -10.03 | 60.36 0.05 -9.92 | 63.85 0.38 -9.89 | 74.15 0.32 -10.63 | 136.70 1.23 1.23 | 142.45 1.84 1.47 | 138.35 2.09 2.72 | 137.17 2.07 2.76 | 135.78 1.77 2.79 | 127.43 1.55 2.55 | 86.42 0.87 -7.06 | 71.13 0.73 -9.60 | 67.70 0.75 -9.27 | 60.95 0.58 -11.87 | 59.17 0.10 -9.28 | 67.48 0.06 -11.11 | 89.39 0.15 -12.21 | 77.84 0.27 -11.27 | 79.14 0.35 -9.52 | 73.43 0.25 -9.88 | 66.67 0.17 -8.35 | 59.84 0.15 -9.07 |
| MILLSEAT___LFGE 323607 | 53.98 -1.80 -11.95 | 53.66 -1.75 -10.46 | 57.27 -1.39 -9.02 | 56.95 -2.37 -8.92 | 61.04 -1.44 -8.90 | 69.35 -4.05 -10.19 | 143.73 -9.16 -16.19 | 151.68 -9.80 -19.40 | 145.54 -9.59 -16.14 | 144.55 -9.65 -16.35 | 143.49 -9.85 -16.54 | 134.04 -9.50 -15.10 | 87.49 -5.65 -14.64 | 70.29 -4.07 -13.56 | 67.01 -3.86 -13.19 | 61.20 -3.10 -15.82 | 53.48 -3.83 -7.53 | 60.88 -4.45 -9.02 | 80.46 -6.47 -9.91 | 70.08 -5.37 -9.14 | 72.01 -4.99 -7.72 | 67.63 -3.67 -8.02 | 62.31 -2.62 -6.78 | 56.85 -1.11 -7.34 |
| MODEL_CITY_ENERGY 24167 | 53.65 -2.81 -12.63 | 53.17 -2.83 -11.05 | 56.69 -2.48 -9.53 | 56.30 -3.53 -9.43 | 60.36 -2.62 -9.40 | 65.10 -6.01 -7.90 | 61.23 -13.80 61.67 | 53.26 -14.92 73.90 | 44.84 -14.74 79.42 | 42.76 -14.62 80.48 | 40.60 -14.78 81.42 | 40.11 -14.00 74.33 | 39.44 -8.40 30.66 | 39.35 -6.33 15.13 | 36.70 -6.00 14.99 | 36.97 -4.85 6.67 | 52.33 -5.38 -7.92 | 59.49 -6.31 -9.48 | 78.20 -9.25 -10.42 | 68.17 -7.76 -9.62 | 70.33 -7.07 -8.12 | 66.40 -5.32 -8.43 | 61.32 -3.96 -7.13 | 56.32 -2.03 -7.73 |
| MODERN_LFGE___ 323580 | 53.65 -2.81 -12.63 | 53.17 -2.83 -11.05 | 56.69 -2.48 -9.53 | 56.30 -3.53 -9.43 | 60.36 -2.62 -9.40 | 65.10 -6.01 -7.90 | 61.23 -13.80 61.67 | 53.26 -14.92 73.90 | 44.84 -14.74 79.42 | 42.76 -14.62 80.48 | 40.60 -14.78 81.42 | 40.11 -14.00 74.33 | 39.44 -8.40 30.66 | 39.35 -6.33 15.13 | 36.70 -6.00 14.99 | 36.97 -4.85 6.67 | 52.33 -5.38 -7.92 | 59.49 -6.31 -9.48 | 78.20 -9.25 -10.42 | 68.17 -7.76 -9.62 | 70.33 -7.07 -8.12 | 66.40 -5.32 -8.43 | 61.32 -3.96 -7.13 | 56.32 -2.03 -7.73 |
| MOHAWK_PAPER___DRP 24187 | 124.85 3.24 -77.78 | 116.35 3.33 -68.07 | 112.18 3.82 -58.72 | 112.14 3.68 -58.06 | 115.63 4.13 -57.92 | 130.37 4.68 -62.49 | 146.27 9.57 0.00 | 151.45 9.37 0.00 | 148.45 9.46 0.00 | 147.91 10.06 0.00 | 146.78 9.98 0.00 | 137.94 9.50 0.00 | 135.00 5.81 -50.70 | 128.56 4.56 -63.19 | 123.12 4.33 -61.10 | 123.86 3.68 -71.69 | 120.65 3.43 -67.43 | 140.99 3.94 -80.74 | 171.04 5.31 -88.70 | 152.82 4.64 -81.87 | 143.28 4.85 -69.16 | 139.43 4.36 -71.78 | 123.02 4.19 -60.69 | 120.07 3.59 -65.85 |

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|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| MONGAUP___HYD 23641 | 102.17 4.12 -54.23 | 96.59 4.18 -47.46 | 95.30 4.72 -40.94 | 95.42 4.54 -40.48 | 98.95 4.98 -40.38 | 112.61 5.88 -43.53 | 148.81 13.12 1.02 | 154.21 13.35 1.22 | 152.20 13.21 0.00 | 151.51 13.65 0.00 | 150.07 13.27 0.00 | 140.89 12.45 0.00 | 121.90 8.01 -35.39 | 111.13 6.21 -44.12 | 106.05 5.71 -42.65 | 103.06 4.90 -49.67 | 101.42 4.53 -47.10 | 117.94 5.24 -56.39 | 146.69 7.70 -61.96 | 129.99 6.50 -57.18 | 124.23 6.65 -48.31 | 119.89 6.46 -50.14 | 106.64 6.10 -42.39 | 101.48 4.86 -46.00 |
| MONTAUK___DIESEL 23721 | 116.31 8.24 -64.25 | 109.94 8.45 -56.53 | 108.57 9.28 -49.65 | 108.71 9.17 -49.13 | 112.02 9.96 -48.47 | 127.31 12.20 -51.91 | 169.91 28.58 -4.64 | 205.95 32.10 -31.77 | 181.99 32.24 -10.75 | 178.68 32.40 -8.43 | 180.50 31.61 -12.08 | 165.75 29.02 -8.29 | 153.21 17.27 -57.45 | 142.52 13.26 -68.46 | 133.77 12.41 -63.68 | 135.56 10.62 -76.45 | 149.53 11.00 -88.74 | 165.29 12.95 -96.03 | 196.76 17.87 -101.86 | 179.85 15.51 -98.03 | 160.16 16.07 -74.82 | 138.85 14.49 -61.07 | 122.81 12.96 -51.70 | 116.47 10.68 -55.17 |
| MUNSVILLE_WIND_PWR 323609 | 68.88 5.04 -20.02 | 67.64 5.17 -17.52 | 70.56 5.81 -15.12 | 70.89 5.54 -14.95 | 74.92 6.43 -14.91 | 86.36 7.20 -15.96 | 150.38 17.22 3.55 | 156.87 19.04 4.25 | 153.18 19.04 4.85 | 151.42 18.48 4.91 | 149.61 17.78 4.97 | 139.95 16.05 4.54 | 98.59 9.49 -10.60 | 82.54 7.11 -14.63 | 78.55 6.75 -14.12 | 71.65 5.77 -17.40 | 70.74 5.57 -15.38 | 81.37 6.64 -18.41 | 106.34 9.08 -20.23 | 92.93 7.95 -18.67 | 93.42 8.38 -15.77 | 87.00 7.34 -16.37 | 78.73 6.74 -13.84 | 71.92 6.28 -15.02 |
| N SALMON___HYD 24042 | 42.86 -0.96 0.00 | 43.88 -1.08 0.00 | 48.15 -1.49 0.00 | 49.59 -0.81 0.00 | 52.62 -0.96 0.00 | 62.38 -0.82 0.00 | 136.16 -0.54 0.00 | 141.23 -0.85 0.00 | 136.07 -2.93 0.00 | 134.42 -3.44 0.00 | 133.66 -3.14 0.00 | 124.71 -3.73 0.00 | 75.98 -2.51 0.00 | 58.43 -2.37 0.00 | 55.38 -2.31 0.00 | 46.45 -2.03 0.00 | 48.04 -1.74 0.00 | 54.85 -1.46 0.00 | 75.41 -1.62 0.00 | 64.85 -1.46 0.00 | 66.64 -2.63 0.00 | 60.76 -2.53 0.00 | 55.12 -3.03 0.00 | 48.34 -2.28 0.00 |
| N.E_GEN_SANDY PD 24062 | 117.26 3.77 -69.67 | 109.79 3.87 -60.96 | 106.55 4.32 -52.59 | 106.64 4.23 -52.00 | 110.18 4.72 -51.88 | 124.48 5.31 -55.97 | 148.04 11.34 0.00 | 153.45 11.37 0.00 | 150.39 11.40 0.00 | 149.99 12.13 0.00 | 148.97 12.17 0.00 | 140.00 11.56 0.00 | 131.14 7.22 -45.43 | 123.02 5.59 -56.62 | 117.80 5.37 -54.75 | 117.30 4.61 -64.20 | 116.17 4.48 -61.90 | 135.55 5.12 -74.11 | 165.39 6.94 -81.43 | 147.43 5.97 -75.15 | 138.99 6.24 -63.48 | 135.00 5.82 -65.89 | 119.26 5.41 -55.71 | 115.52 4.46 -60.45 |
| NARROWS_GT1_1 24228 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_2 24229 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_3 24230 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_4 24231 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_5 24232 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_6 24233 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_7 24234 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT1_8 24235 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_1 24236 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_2 24237 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_3 24238 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |

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| NARROWS_GT2_4 24239 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_5 24240 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_6 24241 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_7 24242 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NARROWS_GT2_8 24243 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NEG CAPITAL___MECHNVIL 23645 | 127.52 4.12 -79.58 | 118.82 4.22 -69.64 | 114.58 4.87 -60.07 | 114.54 4.74 -59.40 | 118.10 5.25 -59.26 | 133.07 5.94 -63.93 | 150.10 13.40 0.00 | 155.29 13.22 0.00 | 152.05 13.06 0.00 | 151.51 13.65 0.00 | 150.35 13.55 0.00 | 141.28 12.84 0.00 | 138.06 7.70 -51.86 | 131.47 6.02 -64.65 | 125.90 5.71 -62.50 | 126.86 4.80 -73.57 | 123.49 4.58 -69.12 | 144.42 5.35 -82.76 | 175.12 7.16 -90.92 | 156.46 6.23 -83.92 | 146.67 6.51 -70.89 | 142.63 5.76 -73.58 | 126.11 5.76 -62.21 | 122.98 4.86 -67.50 |
| NEG CENTRAL_HIGH_ACRES 23767 | 51.93 -1.49 -9.59 | 51.82 -1.53 -8.40 | 55.34 -1.54 -7.24 | 55.59 -1.97 -7.16 | 59.07 -1.66 -7.14 | 68.66 -2.47 -7.92 | 137.34 -5.33 -5.97 | 143.84 -5.40 -7.16 | 139.45 -5.00 -5.45 | 138.43 -4.96 -5.53 | 137.20 -5.20 -5.59 | 128.53 -5.01 -5.10 | 84.02 -2.90 -8.42 | 67.72 -2.01 -8.92 | 64.48 -1.85 -8.65 | 57.55 -1.55 -10.61 | 53.02 -2.84 -6.07 | 60.37 -3.21 -7.27 | 80.54 -4.47 -7.98 | 69.90 -3.78 -7.37 | 71.75 -3.74 -6.22 | 66.59 -3.16 -6.46 | 60.93 -2.67 -5.46 | 54.59 -1.98 -5.94 |
| NEG CENTRAL___DRP 24199 | 54.43 0.31 -10.29 | 54.32 0.36 -9.01 | 57.96 0.55 -7.77 | 58.23 0.15 -7.68 | 61.79 0.54 -7.67 | 71.86 0.32 -8.34 | 139.97 1.23 -2.04 | 146.36 1.84 -2.44 | 140.52 1.53 0.00 | 139.23 1.38 0.00 | 137.89 1.09 0.00 | 129.34 0.91 0.00 | 85.34 0.55 -6.30 | 69.20 0.55 -7.85 | 65.85 0.58 -7.59 | 59.21 0.63 -10.09 | 56.41 0.00 -6.62 | 64.19 -0.06 -7.93 | 85.66 -0.08 -8.71 | 74.35 0.00 -8.04 | 76.20 0.14 -6.79 | 70.53 0.19 -7.05 | 64.34 0.23 -5.96 | 57.40 0.31 -6.48 |
| NEG CENTRAL___INDECK 23768 | 57.87 1.05 -12.99 | 57.40 1.08 -11.37 | 60.99 1.54 -9.81 | 61.01 0.91 -9.70 | 65.03 1.77 -9.68 | 75.05 1.20 -10.65 | 140.03 -2.32 -5.65 | 146.86 -1.99 -6.78 | 139.41 -2.36 -2.79 | 139.86 -0.82 -2.82 | 138.29 -1.37 -2.86 | 129.12 -1.92 -2.61 | 86.39 -0.94 -8.84 | 70.65 -0.36 -10.20 | 67.22 -0.34 -9.88 | 62.14 0.00 -13.65 | 57.77 -0.85 -8.83 | 65.20 -1.69 -10.57 | 86.33 -2.31 -11.62 | 75.17 -1.86 -10.72 | 79.30 0.97 -9.06 | 73.83 1.14 -9.40 | 67.32 1.22 -7.95 | 60.86 1.62 -8.61 |
| NEG CENTRAL___SENECA 23627 | 55.56 0.57 -11.17 | 55.36 0.63 -9.77 | 58.97 0.89 -8.43 | 59.19 0.45 -8.34 | 62.92 1.02 -8.32 | 73.08 0.82 -9.06 | 141.74 2.59 -2.44 | 148.28 3.27 -2.93 | 141.62 2.63 0.00 | 140.34 2.48 0.00 | 138.86 2.06 0.00 | 129.98 1.55 0.00 | 86.14 0.95 -6.70 | 70.07 0.91 -8.35 | 66.68 0.92 -8.08 | 60.53 1.02 -11.02 | 57.53 0.35 -7.40 | 65.51 0.34 -8.86 | 87.30 0.54 -9.73 | 75.81 0.53 -8.98 | 77.55 0.69 -7.59 | 71.80 0.63 -7.87 | 65.44 0.64 -6.66 | 58.62 0.76 -7.23 |
| NEG CENTRAL___STATE_STREET 24147 | 55.36 1.31 -10.22 | 55.29 1.40 -8.94 | 58.99 1.64 -7.72 | 59.34 1.31 -7.63 | 62.91 1.71 -7.61 | 73.44 1.96 -8.27 | 142.77 4.37 -1.69 | 149.21 5.11 -2.03 | 144.14 5.15 0.00 | 142.81 4.96 0.00 | 141.46 4.65 0.00 | 133.05 4.62 0.00 | 87.60 2.75 -6.36 | 70.98 2.25 -7.93 | 67.54 2.19 -7.66 | 60.25 1.84 -9.92 | 57.65 1.29 -6.57 | 65.53 1.35 -7.87 | 87.67 2.00 -8.64 | 76.14 1.85 -7.98 | 78.09 2.08 -6.74 | 72.12 1.84 -6.99 | 65.68 1.63 -5.91 | 58.46 1.42 -6.42 |
| NEG MILLWOOD___DRP 24198 | 111.11 5.26 -62.03 | 104.67 5.44 -54.28 | 102.52 6.05 -46.82 | 102.54 5.84 -46.30 | 106.15 6.37 -46.19 | 120.45 7.45 -49.80 | 153.14 17.36 0.92 | 159.73 18.75 1.10 | 157.89 18.90 0.00 | 157.30 19.44 0.00 | 155.81 19.01 0.00 | 151.77 17.73 -5.61 | 144.61 10.84 -55.28 | 135.91 8.45 -66.66 | 127.12 7.90 -61.53 | 129.78 6.74 -74.56 | 143.31 6.82 -86.71 | 157.19 7.72 -93.16 | 180.77 10.86 -92.88 | 159.58 9.28 -83.99 | 151.23 9.63 -72.34 | 129.29 8.61 -57.40 | 114.46 7.79 -48.53 | 109.36 6.22 -52.51 |
| NEG NORTH_FLCN_SEA 23793 | 43.17 -0.66 0.00 | 44.19 -0.76 0.00 | 48.55 -1.09 0.00 | 49.80 -0.60 0.00 | 52.83 -0.75 0.00 | 62.57 -0.63 0.00 | 136.29 -0.41 0.00 | 141.51 -0.57 0.00 | 136.63 -2.36 0.00 | 135.10 -2.76 0.00 | 134.34 -2.46 0.00 | 125.35 -3.08 0.00 | 76.45 -2.04 0.00 | 58.92 -1.89 0.00 | 55.84 -1.85 0.00 | 46.84 -1.65 0.00 | 48.34 -1.45 0.00 | 55.02 -1.29 0.00 | 75.49 -1.54 0.00 | 64.85 -1.46 0.00 | 66.84 -2.43 0.00 | 60.95 -2.34 0.00 | 55.41 -2.73 0.00 | 48.50 -2.12 0.00 |
| NEG NORTH_KES_CHATGAY 23792 | 42.60 -1.23 0.00 | 43.65 -1.31 0.00 | 47.95 -1.69 0.00 | 49.24 -1.16 0.00 | 52.14 -1.44 0.00 | 61.75 -1.45 0.00 | 134.51 -2.19 0.00 | 139.53 -2.55 0.00 | 134.96 -4.04 0.00 | 133.44 -4.42 0.00 | 132.70 -4.10 0.00 | 123.94 -4.50 0.00 | 75.59 -2.90 0.00 | 58.25 -2.55 0.00 | 55.21 -2.48 0.00 | 46.31 -2.18 0.00 | 47.84 -1.94 0.00 | 54.40 -1.91 0.00 | 74.64 -2.39 0.00 | 64.12 -2.19 0.00 | 66.15 -3.12 0.00 | 60.32 -2.97 0.00 | 54.89 -3.25 0.00 | 48.04 -2.58 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 43.21 -0.61 0.00 | 44.23 -0.72 0.00 | 48.50 -1.14 0.00 | 49.80 -0.60 0.00 | 52.83 -0.75 0.00 | 62.57 -0.63 0.00 | 136.56 -0.14 0.00 | 141.65 -0.42 0.00 | 136.49 -2.50 0.00 | 134.82 -3.03 0.00 | 134.20 -2.60 0.00 | 125.23 -3.21 0.00 | 76.30 -2.20 0.00 | 58.74 -2.07 0.00 | 55.67 -2.02 0.00 | 46.65 -1.84 0.00 | 48.24 -1.54 0.00 | 54.96 -1.35 0.00 | 75.56 -1.47 0.00 | 64.91 -1.40 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.24 -2.91 0.00 | 48.40 -2.23 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 43.21 -0.61 0.00 | 44.23 -0.72 0.00 | 48.50 -1.14 0.00 | 49.80 -0.60 0.00 | 52.83 -0.75 0.00 | 62.57 -0.63 0.00 | 136.56 -0.14 0.00 | 141.65 -0.42 0.00 | 136.49 -2.50 0.00 | 134.82 -3.03 0.00 | 134.20 -2.60 0.00 | 125.23 -3.21 0.00 | 76.30 -2.20 0.00 | 58.74 -2.07 0.00 | 55.67 -2.02 0.00 | 46.65 -1.84 0.00 | 48.24 -1.54 0.00 | 54.96 -1.35 0.00 | 75.56 -1.47 0.00 | 64.91 -1.40 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.24 -2.91 0.00 | 48.40 -2.23 0.00 |

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| NEG NORTH___PLATTSBURG 23628 | 43.21 -0.61 0.00 | 44.23 -0.72 0.00 | 48.50 -1.14 0.00 | 49.80 -0.60 0.00 | 52.83 -0.75 0.00 | 62.57 -0.63 0.00 | 136.56 -0.14 0.00 | 141.65 -0.42 0.00 | 136.49 -2.50 0.00 | 134.82 -3.03 0.00 | 134.20 -2.60 0.00 | 125.23 -3.21 0.00 | 76.30 -2.20 0.00 | 58.74 -2.07 0.00 | 55.67 -2.02 0.00 | 46.65 -1.84 0.00 | 48.24 -1.54 0.00 | 54.96 -1.35 0.00 | 75.56 -1.47 0.00 | 64.91 -1.40 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.24 -2.91 0.00 | 48.40 -2.23 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 53.40 -2.89 -12.47 | 52.99 -2.88 -10.92 | 56.53 -2.53 -9.42 | 56.13 -3.58 -9.31 | 60.20 -2.68 -9.29 | 65.13 -5.81 -7.74 | 61.06 -12.99 62.65 | 53.35 -13.64 75.09 | 44.87 -13.62 80.50 | 42.77 -13.50 81.58 | 40.59 -13.68 82.54 | 39.99 -13.10 75.35 | 39.32 -7.92 31.25 | 39.36 -5.90 15.55 | 36.64 -5.65 15.40 | 36.87 -4.51 7.11 | 52.55 -5.08 -7.84 | 59.79 -5.91 -9.39 | 78.63 -8.70 -10.31 | 68.53 -7.29 -9.52 | 70.66 -6.65 -8.04 | 66.51 -5.12 -8.34 | 61.36 -3.84 -7.05 | 56.19 -2.08 -7.65 |
| NEG WEST___LANCASTR 23811 | 55.71 -2.06 -13.94 | 55.13 -2.02 -12.20 | 58.53 -1.64 -10.53 | 58.18 -2.62 -10.41 | 62.25 -1.72 -10.38 | 68.83 -3.60 -9.23 | 75.67 -6.83 54.20 | 70.88 -6.25 64.95 | 60.85 -6.81 71.34 | 58.54 -7.03 72.29 | 56.14 -7.52 73.14 | 53.83 -7.84 66.77 | 47.52 -4.79 26.19 | 45.37 -3.53 11.90 | 42.45 -3.40 11.83 | 42.77 -2.47 3.24 | 56.01 -2.89 -9.11 | 64.01 -3.21 -10.91 | 84.31 -4.70 -11.98 | 73.59 -3.78 -11.06 | 75.15 -3.46 -9.34 | 70.39 -2.60 -9.70 | 64.43 -1.92 -8.20 | 58.65 -0.86 -8.89 |
| NEG_PENN_ALLEGHNY 23528 | 66.62 1.01 -21.79 | 65.10 1.08 -19.07 | 67.48 1.39 -16.45 | 67.67 1.01 -16.26 | 71.31 1.50 -16.23 | 81.92 1.45 -17.27 | 133.99 3.82 6.53 | 138.66 4.41 7.82 | 135.69 4.86 8.16 | 134.54 4.96 8.27 | 133.09 4.65 8.37 | 125.03 4.23 7.64 | 91.33 2.59 -10.25 | 78.02 2.07 -15.14 | 74.26 1.96 -14.61 | 68.13 1.50 -18.14 | 67.86 1.15 -16.93 | 77.87 1.30 -20.27 | 100.98 1.69 -22.26 | 88.38 1.53 -20.55 | 88.43 1.80 -17.36 | 83.02 1.71 -18.02 | 74.95 1.57 -15.23 | 68.62 1.47 -16.53 |
| NEG___GEN_MONROE 24207 | 53.62 -0.30 -10.10 | 53.53 -0.27 -8.84 | 57.27 0.00 -7.63 | 57.44 -0.50 -7.54 | 61.21 0.11 -7.52 | 70.55 -1.07 -8.42 | 142.30 -2.88 -8.47 | 148.69 -3.55 -10.16 | 143.87 -3.19 -8.07 | 143.00 -3.03 -8.18 | 141.66 -3.41 -8.27 | 132.65 -3.34 -7.55 | 86.67 -1.73 -9.90 | 69.89 -0.91 -10.00 | 66.53 -0.86 -9.70 | 59.63 -0.68 -11.82 | 54.23 -1.99 -6.43 | 61.65 -2.36 -7.70 | 82.18 -3.31 -8.46 | 71.40 -2.72 -7.81 | 73.16 -2.70 -6.60 | 68.05 -2.09 -6.85 | 62.48 -1.45 -5.79 | 56.43 -0.46 -6.26 |
| NEPA___ENERGY 23901 | 55.91 -2.54 -14.63 | 55.24 -2.52 -12.80 | 58.50 -2.18 -11.04 | 58.14 -3.17 -10.92 | 62.17 -2.30 -10.89 | 69.51 -3.67 -9.98 | 81.55 -6.42 48.72 | 78.29 -5.40 58.39 | 67.51 -6.39 65.09 | 65.15 -6.75 65.96 | 62.68 -7.39 66.73 | 59.43 -8.09 60.92 | 50.69 -4.94 22.86 | 47.71 -3.53 9.57 | 44.74 -3.40 9.55 | 45.13 -2.37 0.99 | 56.82 -2.74 -9.78 | 64.98 -3.04 -11.71 | 85.42 -4.47 -12.86 | 74.53 -3.65 -11.87 | 75.84 -3.46 -10.03 | 70.98 -2.72 -10.41 | 64.73 -2.21 -8.80 | 58.85 -1.32 -9.54 |
| NEVERSINK___HYD 23608 | 99.55 3.46 -52.26 | 94.24 3.55 -45.73 | 93.06 3.97 -39.45 | 93.24 3.83 -39.01 | 96.68 4.18 -38.92 | 110.14 4.99 -41.95 | 147.70 12.03 1.04 | 154.19 13.35 1.24 | 152.05 13.06 0.00 | 148.33 10.47 0.00 | 146.66 9.86 0.00 | 137.42 8.99 0.00 | 117.86 5.26 -34.11 | 107.46 4.14 -42.52 | 102.54 3.75 -41.11 | 99.49 3.15 -47.85 | 98.42 3.19 -45.45 | 114.50 3.77 -54.42 | 142.51 5.70 -59.78 | 126.32 4.84 -55.18 | 120.73 4.85 -46.61 | 117.87 6.21 -48.38 | 104.63 5.58 -40.90 | 99.44 4.40 -44.42 |
| NEWTON___FALLS_HYD 23847 | 45.55 -0.75 -2.47 | 46.31 -0.81 -2.16 | 50.51 -0.99 -1.87 | 51.89 -0.35 -1.85 | 55.11 -0.32 -1.84 | 64.94 -0.25 -1.99 | 136.84 0.14 0.00 | 142.51 0.43 0.00 | 138.85 -0.14 0.00 | 137.31 -0.55 0.00 | 136.26 -0.55 0.00 | 127.40 -1.03 0.00 | 79.29 -0.78 -1.58 | 61.92 -0.85 -1.96 | 58.78 -0.81 -1.90 | 50.09 -0.68 -2.28 | 48.99 -0.80 0.00 | 55.75 -0.56 0.00 | 76.49 -0.54 0.00 | 65.91 -0.40 0.00 | 68.44 -0.83 0.00 | 62.27 -1.02 0.00 | 56.98 -1.16 0.00 | 49.81 -0.81 0.00 |
| NIAGARA____ 23760 | 53.56 -3.11 -12.85 | 53.09 -3.10 -11.24 | 56.56 -2.78 -9.70 | 56.15 -3.83 -9.59 | 60.20 -2.95 -9.57 | 65.32 -6.01 -8.12 | 62.91 -13.39 60.40 | 55.78 -13.92 72.38 | 47.07 -13.90 78.03 | 45.00 -13.78 79.07 | 42.72 -14.09 80.00 | 42.04 -13.36 73.03 | 40.52 -8.08 29.89 | 40.21 -6.02 14.57 | 37.53 -5.71 14.45 | 37.83 -4.56 6.10 | 52.61 -5.08 -7.90 | 59.92 -5.86 -9.46 | 78.79 -8.63 -10.39 | 68.67 -7.23 -9.59 | 70.66 -6.72 -8.10 | 66.51 -5.19 -8.41 | 61.30 -3.96 -7.11 | 56.06 -2.28 -7.71 |
| NINE_MILE_1 23575 | 49.11 -1.09 -6.38 | 49.42 -1.12 -5.58 | 53.27 -1.19 -4.82 | 53.75 -1.41 -4.76 | 56.94 -1.39 -4.75 | 66.60 -1.77 -5.17 | 133.82 -3.97 -1.09 | 139.26 -4.12 -1.30 | 136.37 -3.61 -0.99 | 135.27 -3.59 -1.00 | 134.26 -3.56 -1.01 | 126.02 -3.34 -0.93 | 81.00 -2.04 -4.55 | 64.67 -1.52 -5.38 | 61.51 -1.39 -5.21 | 53.53 -1.16 -6.20 | 51.31 -1.69 -3.21 | 58.19 -1.97 -3.85 | 78.48 -2.77 -4.23 | 67.88 -2.32 -3.90 | 70.21 -2.36 -3.29 | 64.62 -2.09 -3.42 | 59.17 -1.86 -2.89 | 52.24 -1.52 -3.14 |
| NINE_MILE_2 23744 | 49.08 -1.09 -6.35 | 49.39 -1.12 -5.55 | 53.24 -1.19 -4.79 | 53.73 -1.41 -4.74 | 56.92 -1.39 -4.73 | 66.57 -1.77 -5.14 | 133.80 -3.97 -1.07 | 139.23 -4.12 -1.28 | 135.38 -3.61 0.00 | 134.27 -3.59 0.00 | 133.25 -3.56 0.00 | 125.10 -3.34 0.00 | 80.51 -2.04 -4.06 | 64.40 -1.46 -5.06 | 61.19 -1.39 -4.89 | 53.49 -1.16 -6.16 | 51.28 -1.69 -3.19 | 58.16 -1.97 -3.82 | 78.52 -2.70 -4.20 | 67.86 -2.32 -3.87 | 70.19 -2.36 -3.27 | 64.60 -2.09 -3.40 | 59.21 -1.80 -2.87 | 52.22 -1.52 -3.12 |
| NM_CAPITAL___DRP 24208 | 123.97 3.07 -77.08 | 115.55 3.15 -67.45 | 111.40 3.58 -58.19 | 111.41 3.47 -57.54 | 114.84 3.86 -57.40 | 129.48 4.36 -61.92 | 145.04 8.34 0.00 | 150.17 8.09 0.00 | 147.19 8.20 0.00 | 146.69 8.83 0.00 | 145.57 8.76 0.00 | 136.91 8.47 0.00 | 133.92 5.18 -50.24 | 127.50 4.07 -62.62 | 122.10 3.87 -60.55 | 122.83 3.30 -71.04 | 119.71 3.04 -66.89 | 139.89 3.49 -80.08 | 169.71 4.70 -87.98 | 151.56 4.05 -81.21 | 142.16 4.30 -68.60 | 138.35 3.86 -71.20 | 122.06 3.72 -60.19 | 119.18 3.24 -65.32 |
| NM_CENTRAL___DRP 24181 | 51.36 -0.04 -7.58 | 51.59 0.00 -6.63 | 55.41 0.05 -5.72 | 55.81 -0.25 -5.66 | 59.18 -0.05 -5.65 | 69.14 -0.19 -6.12 | 137.02 -0.54 -0.86 | 142.54 -0.57 -1.03 | 138.85 -0.14 0.00 | 137.86 0.00 0.00 | 136.67 -0.14 0.00 | 128.31 -0.13 0.00 | 83.27 -0.08 -4.85 | 66.85 0.00 -6.05 | 63.59 0.06 -5.85 | 55.73 0.00 -7.24 | 53.37 -0.55 -4.13 | 60.58 -0.67 -4.94 | 81.54 -0.92 -5.43 | 70.66 -0.66 -5.01 | 73.09 -0.41 -4.23 | 67.31 -0.38 -4.40 | 61.57 -0.29 -3.72 | 54.45 -0.20 -4.03 |
| NM_FRONTIER___DRP 24179 | 53.71 -2.98 -12.87 | 53.25 -2.97 -11.26 | 56.77 -2.58 -9.72 | 56.33 -3.68 -9.61 | 60.44 -2.73 -9.58 | 65.09 -6.26 -8.14 | 61.78 -14.49 60.43 | 54.03 -15.63 72.42 | 45.34 -15.56 78.08 | 43.29 -15.44 79.13 | 41.29 -15.46 80.05 | 40.71 -14.64 73.08 | 39.80 -8.79 29.91 | 39.60 -6.63 14.58 | 36.95 -6.29 14.45 | 37.32 -5.09 6.08 | 52.20 -5.57 -7.99 | 59.35 -6.53 -9.56 | 77.90 -9.63 -10.51 | 67.91 -8.09 -9.70 | 70.12 -7.34 -8.19 | 66.22 -5.57 -8.50 | 61.26 -4.07 -7.19 | 56.24 -2.18 -7.79 |
| NM_ST_REGIS___HYD 24053 | 43.35 -1.62 -1.15 | 44.21 -1.75 -1.01 | 48.32 -2.18 -0.87 | 50.15 -1.11 -0.86 | 53.15 -1.29 -0.86 | 62.86 -1.26 -0.92 | 135.07 -1.63 0.00 | 140.23 -1.85 0.00 | 135.65 -3.34 0.00 | 134.00 -3.86 0.00 | 133.12 -3.69 0.00 | 124.32 -4.12 0.00 | 76.47 -2.75 -0.73 | 59.22 -2.50 -0.91 | 56.14 -2.42 -0.88 | 47.46 -2.08 -1.06 | 47.94 -1.84 0.00 | 54.68 -1.63 0.00 | 75.18 -1.85 0.00 | 64.72 -1.59 0.00 | 66.71 -2.56 0.00 | 60.76 -2.53 0.00 | 55.35 -2.79 0.00 | 48.50 -2.12 0.00 |
| NORTHPORT___I 23551 | 113.23 5.66 -63.75 | 106.77 5.76 -56.06 | 105.06 6.31 -49.11 | 105.24 6.25 -48.60 | 108.34 6.75 -48.01 | 122.76 8.09 -51.46 | 160.04 18.99 -4.35 | 193.55 19.89 -31.58 | 169.72 20.29 -10.44 | 166.02 20.95 -7.22 | 168.43 20.66 -10.96 | 155.60 19.26 -7.91 | 147.29 11.77 -57.02 | 138.05 9.18 -68.06 | 129.57 8.65 -63.23 | 131.87 7.37 -76.01 | 145.55 7.47 -88.30 | 160.15 8.39 -95.45 | 189.34 10.86 -101.45 | 173.12 9.28 -97.53 | 153.42 9.83 -74.32 | 132.48 8.79 -60.39 | 117.23 7.97 -51.12 | 111.87 6.58 -54.67 |

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| NORTHPORT___2 23552 | 113.23 5.66 -63.75 | 106.77 5.76 -56.06 | 105.06 6.31 -49.11 | 105.24 6.25 -48.60 | 108.34 6.75 -48.01 | 122.76 8.09 -51.46 | 160.04 18.99 -4.35 | 193.55 19.89 -31.58 | 169.72 20.29 -10.44 | 166.02 20.95 -7.22 | 168.43 20.66 -10.96 | 155.60 19.26 -7.91 | 147.29 11.77 -57.02 | 138.05 9.18 -68.06 | 129.57 8.65 -63.23 | 131.87 7.37 -76.01 | 145.55 7.47 -88.30 | 160.15 8.39 -95.45 | 189.34 10.86 -101.45 | 173.12 9.28 -97.53 | 153.42 9.83 -74.32 | 132.48 8.79 -60.39 | 117.23 7.97 -51.12 | 111.87 6.58 -54.67 |
| NORTHPORT___3 23553 | 111.93 4.42 -63.68 | 105.44 4.50 -55.99 | 103.64 4.96 -49.04 | 103.76 4.84 -48.52 | 106.78 5.25 -47.94 | 120.98 6.38 -51.40 | 155.91 14.90 -4.31 | 189.40 15.77 -31.56 | 165.64 16.25 -10.40 | 161.86 16.95 -7.05 | 164.30 16.68 -10.81 | 151.82 15.53 -7.85 | 144.95 9.49 -56.96 | 136.22 7.42 -68.00 | 127.83 6.98 -63.17 | 130.40 5.96 -75.95 | 144.10 6.07 -88.24 | 158.66 6.98 -95.37 | 187.81 9.39 -101.39 | 171.78 8.02 -97.46 | 152.10 8.59 -74.25 | 131.18 7.59 -60.30 | 115.92 6.74 -51.04 | 110.64 5.42 -54.60 |
| NORTHPORT___4 23650 | 111.93 4.42 -63.68 | 105.44 4.50 -55.99 | 103.64 4.96 -49.04 | 103.76 4.84 -48.52 | 106.78 5.25 -47.94 | 120.98 6.38 -51.40 | 155.91 14.90 -4.31 | 189.40 15.77 -31.56 | 165.64 16.25 -10.40 | 161.86 16.95 -7.05 | 164.30 16.68 -10.81 | 151.82 15.53 -7.85 | 144.95 9.49 -56.96 | 136.22 7.42 -68.00 | 127.83 6.98 -63.17 | 130.40 5.96 -75.95 | 144.10 6.07 -88.24 | 158.66 6.98 -95.37 | 187.81 9.39 -101.39 | 171.78 8.02 -97.46 | 152.10 8.59 -74.25 | 131.18 7.59 -60.30 | 115.92 6.74 -51.04 | 110.64 5.42 -54.60 |
| NORTHPORT___IC 23718 | 113.23 5.66 -63.75 | 106.77 5.76 -56.06 | 105.06 6.31 -49.11 | 105.24 6.25 -48.60 | 108.34 6.75 -48.01 | 122.76 8.09 -51.46 | 160.04 18.99 -4.35 | 193.55 19.89 -31.58 | 169.72 20.29 -10.44 | 166.02 20.95 -7.22 | 168.43 20.66 -10.96 | 155.60 19.26 -7.91 | 147.29 11.77 -57.02 | 138.05 9.18 -68.06 | 129.57 8.65 -63.23 | 131.87 7.37 -76.01 | 145.55 7.47 -88.30 | 160.15 8.39 -95.45 | 189.34 10.86 -101.45 | 173.12 9.28 -97.53 | 153.42 9.83 -74.32 | 132.48 8.79 -60.39 | 117.23 7.97 -51.12 | 111.87 6.58 -54.67 |
| NPX_GEN_1385_PROXY 323591 | 112.57 4.99 -63.75 | 105.91 4.90 -56.06 | 103.91 5.16 -49.11 | 104.29 5.29 -48.60 | 107.27 5.68 -48.01 | 121.55 6.89 -51.46 | 158.69 17.64 -4.35 | 171.57 15.77 -13.72 | 158.32 16.39 -2.94 | 152.65 17.09 2.30 | 154.04 16.82 -0.41 | 144.38 15.66 -0.28 | 139.22 9.57 -51.15 | 123.77 7.48 -55.49 | 122.91 6.98 -58.24 | 123.57 5.96 -69.12 | 126.07 6.07 -70.21 | 133.79 6.81 -70.67 | 169.38 8.70 -83.65 | 147.65 7.42 -73.92 | 125.38 7.89 -48.22 | 130.83 7.15 -60.39 | 116.06 6.80 -51.12 | 111.41 6.12 -54.67 |
| NPX_GEN_CSC 323557 | 113.62 5.57 -64.23 | 107.18 5.71 -56.52 | 105.53 6.25 -49.63 | 105.66 6.15 -49.11 | 108.68 6.64 -48.45 | 123.18 8.09 -51.89 | 160.46 19.14 -4.63 | 196.56 22.73 -31.76 | 172.94 23.21 -10.74 | 169.95 23.72 -8.38 | 172.10 23.26 -12.04 | 158.42 21.71 -8.28 | 148.96 13.03 -57.43 | 139.35 10.10 -68.45 | 130.81 9.46 -63.66 | 133.02 8.10 -76.43 | 146.82 8.31 -88.72 | 161.95 9.63 -96.01 | 191.97 13.09 -101.85 | 175.53 11.21 -98.01 | 155.78 11.71 -74.80 | 134.84 10.51 -61.04 | 119.30 9.48 -51.68 | 113.46 7.69 -55.15 |
| NSINS_S_GLNS_FALLS 23858 | 127.95 4.25 -79.87 | 119.21 4.36 -69.90 | 114.95 5.01 -60.30 | 114.96 4.94 -59.62 | 118.53 5.47 -59.48 | 133.38 6.01 -64.17 | 150.65 13.95 0.00 | 155.58 13.50 0.00 | 152.05 13.06 0.00 | 151.77 13.92 0.00 | 150.76 13.96 0.00 | 142.04 13.61 0.00 | 138.72 8.16 -52.06 | 132.02 6.32 -64.89 | 126.48 6.06 -62.74 | 127.10 5.04 -73.57 | 123.74 4.83 -69.12 | 144.70 5.63 -82.76 | 175.50 7.55 -90.92 | 156.73 6.50 -83.92 | 146.88 6.72 -70.89 | 142.94 6.08 -73.58 | 126.57 6.22 -62.21 | 123.34 5.22 -67.50 |
| NUCOR_STEEL___DRP 24197 | 54.89 0.88 -10.19 | 54.77 0.90 -8.92 | 58.48 1.14 -7.69 | 58.76 0.76 -7.61 | 62.30 1.13 -7.59 | 72.64 1.20 -8.24 | 141.12 2.88 -1.54 | 147.33 3.40 -1.85 | 142.47 3.48 0.00 | 141.30 3.45 0.00 | 139.95 3.15 0.00 | 131.39 2.96 0.00 | 86.69 1.81 -6.39 | 70.28 1.52 -7.96 | 66.88 1.50 -7.70 | 59.55 1.21 -9.85 | 56.98 0.65 -6.55 | 64.77 0.62 -7.84 | 86.57 0.93 -8.61 | 75.19 0.93 -7.95 | 77.09 1.10 -6.72 | 71.33 1.07 -6.97 | 64.97 0.93 -5.89 | 57.88 0.86 -6.40 |
| NYISO_LBMP_REFERENCE 24008 | 43.82 0.00 0.00 | 44.96 0.00 0.00 | 49.64 0.00 0.00 | 50.40 0.00 0.00 | 53.59 0.00 0.00 | 63.20 0.00 0.00 | 136.70 0.00 0.00 | 142.08 0.00 0.00 | 138.99 0.00 0.00 | 137.86 0.00 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 78.49 0.00 0.00 | 60.80 0.00 0.00 | 57.69 0.00 0.00 | 48.49 0.00 0.00 | 49.79 0.00 0.00 | 56.31 0.00 0.00 | 77.03 0.00 0.00 | 66.31 0.00 0.00 | 69.27 0.00 0.00 | 63.29 0.00 0.00 | 58.14 0.00 0.00 | 50.62 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 114.81 6.09 -64.90 | 108.32 6.21 -57.16 | 106.80 6.80 -50.36 | 106.90 6.65 -49.84 | 109.89 7.23 -49.07 | 124.42 8.72 -52.49 | 162.09 20.37 -5.02 | 195.96 21.87 -32.01 | 172.38 22.23 -11.16 | 170.77 22.89 -10.02 | 172.93 22.57 -13.56 | 158.18 20.94 -8.80 | 149.30 12.80 -58.01 | 139.71 9.91 -68.99 | 131.30 9.34 -64.27 | 133.46 7.95 -77.02 | 147.21 8.12 -89.31 | 162.40 9.29 -96.80 | 191.84 12.40 -102.41 | 175.61 10.61 -98.69 | 155.90 11.16 -75.48 | 135.25 10.00 -61.97 | 119.57 8.95 -52.47 | 113.79 7.34 -55.83 |
| NYPA_GOWANUS____GT5 24156 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NYPA_GOWANUS____GT6 24157 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |
| NYPA_HARLEM__RVR__GT1 24160 | 110.10 5.48 -60.80 | 103.69 5.53 -53.20 | 101.69 6.15 -45.90 | 101.78 5.99 -45.38 | 105.39 6.54 -45.27 | 119.59 7.58 -48.81 | 150.53 14.77 0.94 | 156.44 15.49 1.13 | 155.38 16.39 0.00 | 154.94 17.09 0.00 | 153.90 17.10 0.00 | 150.48 16.44 -5.60 | 143.16 10.20 -54.47 | 134.48 8.03 -65.65 | 125.80 7.56 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.43 7.15 -91.96 | 178.14 9.55 -91.56 | 157.37 8.29 -82.77 | 149.45 8.87 -71.31 | 127.79 8.17 -56.33 | 114.09 8.31 -47.63 | 108.98 6.68 -51.68 |
| NYPA_HARLEM__RVR__GT2 24161 | 110.10 5.48 -60.80 | 103.69 5.53 -53.20 | 101.69 6.15 -45.90 | 101.78 5.99 -45.38 | 105.39 6.54 -45.27 | 119.59 7.58 -48.81 | 150.53 14.77 0.94 | 156.44 15.49 1.13 | 155.38 16.39 0.00 | 154.94 17.09 0.00 | 153.90 17.10 0.00 | 150.48 16.44 -5.60 | 143.16 10.20 -54.47 | 134.48 8.03 -65.65 | 125.80 7.56 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.43 7.15 -91.96 | 178.14 9.55 -91.56 | 157.37 8.29 -82.77 | 149.45 8.87 -71.31 | 127.79 8.17 -56.33 | 114.09 8.31 -47.63 | 108.98 6.68 -51.68 |
| NYPA_KENT____GT 24152 | 109.83 5.21 -60.79 | 103.41 5.26 -53.20 | 101.34 5.81 -45.89 | 101.42 5.64 -45.38 | 105.01 6.16 -45.27 | 119.02 7.01 -48.80 | 150.80 15.04 0.94 | 157.29 16.33 1.12 | 156.08 17.09 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.13 17.08 -5.61 | 143.56 10.59 -54.47 | 134.73 8.27 -65.66 | 126.03 7.78 -60.56 | 128.55 6.64 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.92 10.32 -91.57 | 157.97 8.89 -82.78 | 150.00 9.42 -71.31 | 128.16 8.54 -56.33 | 113.62 7.85 -47.63 | 108.62 6.33 -51.67 |
| NYPA_POUCH1____GT 24155 | 109.87 5.26 -60.79 | 103.41 5.26 -53.20 | 101.34 5.81 -45.89 | 101.42 5.64 -45.38 | 105.01 6.16 -45.27 | 119.02 7.01 -48.80 | 150.80 15.04 0.94 | 157.29 16.33 1.12 | 156.08 17.09 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.13 17.08 -5.61 | 143.56 10.59 -54.47 | 134.73 8.27 -65.66 | 126.03 7.78 -60.56 | 128.55 6.64 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.92 10.32 -91.57 | 157.97 8.89 -82.78 | 150.00 9.42 -71.31 | 128.16 8.54 -56.33 | 113.62 7.85 -47.63 | 108.62 6.33 -51.67 |

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|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| NYPYA_VERNON____GT2 24162 | 109.79 5.17 -60.79 | 103.37 5.21 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.21 7.20 -48.80 | 151.34 15.58 0.94 | 157.85 16.90 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.51 17.46 -5.61 | 143.80 10.84 -54.47 | 134.97 8.51 -65.66 | 126.26 8.02 -60.56 | 128.74 6.84 -73.42 | 142.36 6.87 -85.71 | 155.88 7.60 -91.97 | 178.92 10.32 -91.57 | 157.97 8.89 -82.78 | 150.07 9.49 -71.31 | 128.23 8.61 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| NYPYA_VERNON____GT3 24163 | 109.79 5.17 -60.79 | 103.37 5.21 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.21 7.20 -48.80 | 151.34 15.58 0.94 | 157.85 16.90 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.51 17.46 -5.61 | 143.80 10.84 -54.47 | 134.97 8.51 -65.66 | 126.26 8.02 -60.56 | 128.74 6.84 -73.42 | 142.36 6.87 -85.71 | 155.88 7.60 -91.97 | 178.92 10.32 -91.57 | 157.97 8.89 -82.78 | 150.07 9.49 -71.31 | 128.23 8.61 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| NYPYA____ASTORIA_CC1 323568 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.15 7.14 -48.80 | 151.07 15.31 0.94 | 157.43 16.47 1.12 | 156.22 17.23 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.26 17.22 0.00 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.68 10.09 -91.57 | 157.77 8.68 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| NYPYA____ASTORIA_CC2 323569 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.15 7.14 -48.80 | 151.07 15.31 0.94 | 157.43 16.47 1.12 | 156.22 17.23 0.00 | 155.77 17.91 0.00 | 154.72 17.92 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.77 7.49 -91.97 | 178.68 10.09 -91.57 | 157.77 8.68 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| NYPYA____HOLTSVILL 23794 | 113.67 5.66 -64.19 | 107.23 5.80 -56.47 | 105.58 6.36 -49.58 | 105.71 6.25 -49.07 | 108.75 6.75 -48.41 | 123.27 8.21 -51.85 | 160.58 19.28 -4.60 | 194.85 21.02 -31.74 | 171.25 21.54 -10.71 | 168.18 22.05 -8.27 | 170.50 21.75 -11.94 | 156.97 20.29 -8.24 | 148.13 12.24 -57.40 | 138.76 9.55 -68.41 | 130.25 8.94 -63.62 | 132.49 7.61 -76.39 | 146.29 7.82 -88.68 | 161.22 8.95 -95.96 | 190.85 12.01 -101.81 | 174.61 10.34 -97.97 | 154.90 10.88 -74.75 | 134.02 9.74 -60.99 | 118.49 8.72 -51.63 | 112.87 7.14 -55.10 |
| NYPYA____HELLGATE_GT1 24158 | 110.10 5.48 -60.80 | 103.69 5.53 -53.20 | 101.69 6.15 -45.90 | 101.78 5.99 -45.38 | 105.39 6.54 -45.27 | 119.59 7.58 -48.81 | 150.53 14.77 0.94 | 156.44 15.49 1.13 | 155.38 16.39 0.00 | 154.94 17.09 0.00 | 153.90 17.10 0.00 | 150.48 16.44 -5.60 | 143.16 10.20 -54.47 | 134.48 8.03 -65.65 | 125.80 7.56 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.43 7.15 -91.96 | 178.14 9.55 -91.56 | 157.37 8.29 -82.77 | 149.45 8.87 -71.31 | 127.79 8.17 -56.33 | 114.09 8.31 -47.63 | 108.98 6.68 -51.68 |
| NYPYA____HELLGATE_GT2 24159 | 110.10 5.48 -60.80 | 103.69 5.53 -53.20 | 101.69 6.15 -45.90 | 101.78 5.99 -45.38 | 105.39 6.54 -45.27 | 119.59 7.58 -48.81 | 150.53 14.77 0.94 | 156.44 15.49 1.13 | 155.38 16.39 0.00 | 154.94 17.09 0.00 | 153.90 17.10 0.00 | 150.48 16.44 -5.60 | 143.16 10.20 -54.47 | 134.48 8.03 -65.65 | 125.80 7.56 -60.56 | 128.35 6.45 -73.41 | 141.96 6.47 -85.70 | 155.43 7.15 -91.96 | 178.14 9.55 -91.56 | 157.37 8.29 -82.77 | 149.45 8.87 -71.31 | 127.79 8.17 -56.33 | 114.09 8.31 -47.63 | 108.98 6.68 -51.68 |
| NYS_BARGE____HYD 23848 | 53.56 -2.63 -12.37 | 53.17 -2.61 -10.82 | 56.69 -2.28 -9.34 | 56.30 -3.33 -9.23 | 60.44 -2.36 -9.21 | 65.35 -5.50 -7.65 | 61.34 -12.44 62.92 | 53.46 -13.21 75.41 | 45.16 -13.07 80.76 | 43.05 -12.96 81.84 | 40.87 -13.13 82.80 | 40.27 -12.58 75.59 | 39.46 -7.61 31.42 | 39.46 -5.65 15.69 | 36.72 -5.42 15.54 | 36.89 -4.32 7.29 | 52.63 -4.93 -7.78 | 59.88 -5.74 -9.31 | 78.86 -8.39 -10.23 | 68.72 -7.03 -9.44 | 70.81 -6.44 -7.98 | 66.75 -4.81 -8.28 | 61.59 -3.55 -7.00 | 56.39 -1.82 -7.58 |
| O.H_GEN_BRUCE 24063 | 54.56 -2.89 -13.62 | 54.00 -2.88 -11.92 | 57.34 -2.58 -10.29 | 56.99 -3.58 -10.17 | 61.00 -2.73 -10.15 | 66.86 -5.31 -8.97 | 71.06 -11.21 54.44 | 65.47 -11.37 65.24 | 56.00 -11.67 71.32 | 53.87 -11.72 72.27 | 51.65 -12.04 73.12 | 50.00 -11.69 66.75 | 45.12 -7.06 26.31 | 43.51 -5.23 12.06 | 40.68 -5.02 11.99 | 41.00 -3.88 3.61 | 54.14 -4.33 -8.69 | 61.70 -5.01 -10.40 | 81.13 -7.32 -11.43 | 70.75 -6.10 -10.55 | 72.50 -5.68 -8.91 | 68.10 -4.43 -9.25 | 62.53 -3.43 -7.82 | 57.07 -2.03 -8.48 |
| OAK_ORCHARD____HYD 24046 | 53.07 -0.75 -9.99 | 52.93 -0.76 -8.74 | 56.59 -0.59 -7.54 | 56.75 -1.11 -7.46 | 60.38 -0.64 -7.44 | 69.94 -1.58 -8.32 | 141.15 -3.55 -8.01 | 147.84 -3.83 -9.59 | 143.10 -3.47 -7.58 | 142.10 -3.44 -7.68 | 140.89 -3.69 -7.77 | 131.93 -3.60 -7.09 | 86.15 -1.96 -9.61 | 69.30 -1.28 -9.78 | 66.02 -1.15 -9.49 | 59.15 -0.92 -11.58 | 53.86 -2.29 -6.37 | 61.23 -2.70 -7.62 | 81.63 -3.77 -8.37 | 70.92 -3.12 -7.73 | 72.75 -3.05 -6.53 | 67.66 -2.40 -6.78 | 61.96 -1.92 -5.73 | 55.75 -1.07 -6.20 |
| OCC_CHEM____DRP 24175 | 53.80 -2.89 -12.87 | 53.34 -2.88 -11.27 | 56.83 -2.53 -9.72 | 56.43 -3.58 -9.61 | 60.49 -2.68 -9.59 | 65.28 -6.07 -8.15 | 62.19 -14.08 60.43 | 54.59 -15.06 72.42 | 45.89 -15.01 78.09 | 43.83 -14.89 79.14 | 41.83 -14.91 80.06 | 41.22 -14.13 73.09 | 40.03 -8.55 29.91 | 39.78 -6.45 14.58 | 37.12 -6.12 14.45 | 37.51 -4.90 6.08 | 52.41 -5.38 -8.00 | 59.58 -6.31 -9.58 | 78.23 -9.32 -10.52 | 68.19 -7.82 -9.71 | 70.34 -7.13 -8.20 | 66.42 -5.38 -8.51 | 61.39 -3.96 -7.20 | 56.35 -2.08 -7.81 |
| OLIN_CORP_DRP 24177 | 53.76 -2.89 -12.83 | 53.31 -2.88 -11.23 | 56.80 -2.53 -9.69 | 56.40 -3.58 -9.58 | 60.46 -2.68 -9.56 | 65.18 -6.13 -8.10 | 61.94 -14.08 60.68 | 54.29 -15.06 72.72 | 45.61 -15.01 78.37 | 43.55 -14.89 79.42 | 41.41 -15.05 80.34 | 40.96 -14.13 73.35 | 39.88 -8.55 30.06 | 39.67 -6.45 14.69 | 37.02 -6.12 14.55 | 37.40 -4.90 6.19 | 52.41 -5.43 -8.05 | 59.59 -6.36 -9.64 | 78.21 -9.40 -10.59 | 68.19 -7.89 -9.77 | 70.39 -7.13 -8.25 | 66.48 -5.38 -8.57 | 61.43 -3.96 -7.24 | 56.40 -2.08 -7.85 |
| OLIN_CORP_DSASP 323712 | 53.80 -2.89 -12.87 | 53.34 -2.88 -11.27 | 56.83 -2.53 -9.72 | 56.43 -3.58 -9.61 | 60.49 -2.68 -9.59 | 65.28 -6.07 -8.15 | 62.19 -14.08 60.43 | 54.59 -15.06 72.42 | 45.89 -15.01 78.09 | 43.83 -14.89 79.14 | 41.83 -14.91 80.06 | 41.22 -14.13 73.09 | 40.03 -8.55 29.91 | 39.78 -6.45 14.58 | 37.12 -6.12 14.45 | 37.51 -4.90 6.08 | 52.41 -5.38 -8.00 | 59.58 -6.31 -9.58 | 78.23 -9.32 -10.52 | 68.19 -7.82 -9.71 | 70.34 -7.13 -8.20 | 66.42 -5.38 -8.51 | 61.39 -3.96 -7.20 | 56.35 -2.08 -7.81 |
| ONEIDA_HERK_LFGE 323681 | 48.49 1.31 -3.35 | 49.23 1.35 -2.93 | 53.71 1.54 -2.53 | 54.36 1.46 -2.50 | 57.85 1.77 -2.49 | 67.92 2.02 -2.69 | 141.61 4.91 0.00 | 147.48 5.40 0.00 | 144.69 5.70 0.00 | 143.51 5.65 0.00 | 142.13 5.33 0.00 | 133.32 4.88 0.00 | 83.46 2.82 -2.14 | 65.54 2.07 -2.67 | 62.23 1.96 -2.58 | 53.27 1.70 -3.08 | 50.98 1.19 0.00 | 57.83 1.52 0.00 | 79.18 2.15 0.00 | 68.16 1.85 0.00 | 71.21 1.94 0.00 | 64.87 1.58 0.00 | 59.54 1.39 0.00 | 51.94 1.31 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 52.67 0.31 -8.54 | 52.74 0.32 -7.47 | 56.48 0.40 -6.44 | 56.92 0.15 -6.37 | 60.21 0.27 -6.36 | 70.34 0.25 -6.89 | 138.06 0.55 -0.81 | 143.76 0.71 -0.97 | 140.10 1.11 0.00 | 139.09 1.24 0.00 | 137.89 1.09 0.00 | 129.34 0.91 0.00 | 84.50 0.55 -5.46 | 68.09 0.48 -6.80 | 64.78 0.52 -6.57 | 57.03 0.44 -8.10 | 54.71 -0.10 -5.02 | 62.16 -0.17 -6.01 | 83.40 -0.23 -6.60 | 72.34 -0.07 -6.10 | 74.56 0.14 -5.15 | 68.76 0.13 -5.34 | 62.84 0.17 -4.52 | 55.68 0.15 -4.90 |
| ONONDAGA____COGEN 23986 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |

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|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|
| ONTARIO___LFGE 23819 | 55.56 0.57 -11.17 | 55.36 0.63 -9.77 | 58.97 0.89 -8.43 | 59.19 0.45 -8.34 | 62.92 1.02 -8.32 | 73.08 0.82 -9.06 | 141.74 2.59 -2.44 | 148.28 3.27 -2.93 | 141.62 2.63 0.00 | 140.34 2.48 0.00 | 138.86 2.06 0.00 | 129.98 1.55 0.00 | 86.14 0.95 -6.70 | 70.07 0.91 -8.35 | 66.68 0.92 -8.08 | 60.53 1.02 -11.02 | 57.53 0.35 -7.40 | 65.51 0.34 -8.86 | 87.30 0.54 -9.73 | 75.81 0.53 -8.98 | 77.55 0.69 -7.59 | 71.80 0.63 -7.87 | 65.44 0.64 -6.66 | 58.62 0.76 -7.23 | |
| ORANGEVILLE_WT_PWR 323706 | 56.70 -1.36 -14.24 | 56.11 -1.31 -12.46 | 59.45 -0.94 -10.75 | 59.22 -1.81 -10.63 | 63.28 -0.91 -10.60 | 72.29 -2.84 -11.93 | 144.56 -5.74 -13.59 | 152.83 -5.54 -16.29 | 144.21 -6.25 -11.47 | 143.28 -6.20 -11.63 | 141.87 -6.70 -11.76 | 132.36 -6.81 -10.74 | 87.89 -4.16 -13.56 | 71.39 -2.98 -13.57 | 67.97 -2.88 -13.17 | 63.65 -1.99 -17.16 | 56.85 -2.44 -9.50 | 64.87 -2.81 -11.37 | 85.29 -4.24 -12.50 | 74.39 -3.45 -11.53 | 76.11 -2.91 -9.74 | 71.37 -2.03 -10.11 | 65.30 -1.40 -8.55 | 59.54 -0.35 -9.27 | |
| OSWEGATCHIE___HYD 24044 | 45.55 -0.75 -2.47 | 46.31 -0.81 -2.16 | 50.51 -0.99 -1.87 | 51.89 -0.35 -1.85 | 55.11 -0.32 -1.84 | 64.94 -0.25 -1.99 | 136.84 0.14 0.00 | 142.51 0.43 0.00 | 138.85 -0.14 0.00 | 137.31 -0.55 0.00 | 136.26 -0.55 0.00 | 127.40 -1.03 0.00 | 79.29 -0.78 -1.58 | 61.92 -0.85 -1.96 | 58.78 -0.81 -1.90 | 50.09 -0.68 -2.28 | 48.99 -0.80 0.00 | 55.75 -0.56 0.00 | 76.49 -0.54 0.00 | 65.91 -0.40 0.00 | 68.44 -0.83 0.00 | 62.27 -1.02 0.00 | 56.98 -1.16 0.00 | 49.81 -0.81 0.00 | |
| OSWEGO___5 23606 | 49.88 -0.75 -6.80 | 50.14 -0.76 -5.95 | 53.98 -0.80 -5.14 | 54.47 -1.01 -5.08 | 57.74 -0.91 -5.07 | 67.50 -1.20 -5.50 | 134.88 -2.73 -0.91 | 140.33 -2.84 -1.09 | 136.49 -2.50 0.00 | 135.51 -2.34 0.00 | 134.34 -2.46 0.00 | 126.13 -2.31 0.00 | 81.52 -1.33 -4.36 | 65.26 -0.98 -5.44 | 62.08 -0.86 -5.26 | 54.30 -0.73 -6.54 | 52.23 -1.24 -3.68 | 48.99 -0.80 -4.41 | 55.75 -0.56 -4.85 | 76.49 -0.54 -4.47 | 65.91 -0.40 -3.78 | 68.44 -0.83 -3.92 | 62.27 -1.02 -3.32 | 56.98 -1.16 -3.60 | 49.81 -0.81 -3.60 |
| OSWEGO___6 23613 | 49.88 -0.75 -6.80 | 50.14 -0.76 -5.95 | 53.98 -0.80 -5.14 | 54.47 -1.01 -5.08 | 57.74 -0.91 -5.07 | 67.50 -1.20 -5.50 | 134.88 -2.73 -0.91 | 140.33 -2.84 -1.09 | 136.49 -2.50 0.00 | 135.51 -2.34 0.00 | 134.34 -2.46 0.00 | 126.13 -2.31 0.00 | 81.52 -1.33 -4.36 | 65.26 -0.98 -5.44 | 62.08 -0.86 -5.26 | 54.30 -0.73 -6.54 | 52.23 -1.24 -3.68 | 48.99 -0.80 -4.41 | 55.75 -0.56 -4.85 | 76.49 -0.54 -4.47 | 65.91 -0.40 -3.78 | 68.44 -0.83 -3.92 | 62.27 -1.02 -3.32 | 56.98 -1.16 -3.60 | 49.81 -0.81 -3.60 |
| OUTOKUMPU-AB___DRP 24206 | 54.69 -2.02 -12.88 | 54.25 -1.98 -11.27 | 57.83 -1.54 -9.72 | 57.39 -2.62 -9.62 | 61.57 -1.61 -9.59 | 66.86 -4.49 -8.15 | 66.24 -9.84 60.62 | 59.07 -10.37 72.64 | 50.39 -10.28 78.32 | 48.29 -10.20 79.37 | 46.11 -10.40 80.30 | 44.98 -10.15 73.30 | 42.28 -6.20 30.01 | 41.54 -4.62 14.64 | 38.79 -4.39 14.51 | 38.92 -3.44 6.13 | 53.91 -3.98 -8.11 | 61.41 -4.62 -9.71 | 80.84 -6.86 -10.67 | 70.52 -5.64 -9.85 | 72.54 -5.05 -8.32 | 68.32 -3.60 -8.64 | 62.95 -2.50 -7.30 | 57.53 -1.01 -7.92 | |
| OXBOW___ 24026 | 54.38 -2.32 -12.88 | 53.93 -2.29 -11.27 | 57.48 -1.89 -9.72 | 57.04 -2.97 -9.61 | 61.19 -1.98 -9.59 | 66.29 -5.06 -8.15 | 64.83 -11.34 60.53 | 57.47 -12.08 72.53 | 48.69 -12.09 78.21 | 46.61 -11.99 79.25 | 44.45 -12.18 80.18 | 43.68 -11.56 73.20 | 41.47 -7.06 29.96 | 40.91 -5.29 14.61 | 38.19 -5.02 14.48 | 38.41 -3.98 6.10 | 53.36 -4.48 -8.06 | 60.72 -5.24 -9.65 | 79.85 -7.78 -10.60 | 69.66 -6.43 -9.78 | 71.72 -5.82 -8.26 | 67.63 -4.24 -8.58 | 62.37 -3.03 -7.25 | 57.12 -1.36 -7.86 | |
| OXY_CHEM_DSASP 323612 | 53.80 -2.89 -12.87 | 53.34 -2.88 -11.27 | 56.83 -2.53 -9.72 | 56.43 -3.58 -9.61 | 60.49 -2.68 -9.59 | 65.28 -6.07 -8.15 | 62.19 -14.08 60.43 | 54.59 -15.06 72.42 | 45.89 -15.01 78.09 | 43.83 -14.89 79.14 | 41.83 -14.91 80.06 | 41.22 -14.13 73.09 | 40.03 -8.55 29.91 | 39.78 -6.45 14.58 | 37.12 -6.12 14.45 | 37.51 -4.90 6.08 | 52.41 -5.38 -8.00 | 59.58 -6.31 -9.58 | 78.23 -9.32 -10.52 | 68.19 -7.82 -9.71 | 70.34 -7.13 -8.20 | 66.42 -5.38 -8.51 | 61.39 -3.96 -7.20 | 56.35 -2.08 -7.81 | |
| PEEKSKILL___ 23653 | 108.23 4.42 -59.98 | 101.98 4.54 -52.49 | 99.93 5.01 -45.28 | 100.01 4.84 -44.77 | 103.56 5.31 -44.67 | 117.74 6.38 -48.15 | 150.52 14.77 0.95 | 156.99 16.05 1.13 | 155.24 16.25 0.00 | 154.67 16.81 0.00 | 153.35 16.55 0.00 | 149.58 15.53 -5.61 | 141.94 9.49 -53.95 | 133.28 7.48 -65.00 | 124.65 7.04 -59.92 | 127.12 5.96 -72.67 | 140.85 6.07 -84.99 | 154.35 6.92 -91.11 | 177.20 9.55 -90.63 | 156.44 8.22 -81.91 | 148.37 8.52 -70.58 | 126.45 7.59 -55.57 | 111.93 6.80 -46.98 | 107.02 5.42 -50.98 | |
| PGE MADISON___WINDPWR 24146 | 68.88 5.04 -20.02 | 67.64 5.17 -17.52 | 70.56 5.81 -15.12 | 70.89 5.54 -14.95 | 74.92 6.43 -14.91 | 86.36 7.20 -15.96 | 150.38 17.22 3.55 | 156.87 19.04 4.25 | 153.18 19.04 4.85 | 151.42 18.48 4.91 | 149.61 17.78 4.97 | 139.95 16.05 4.54 | 98.59 9.49 -10.60 | 82.54 7.11 -14.63 | 78.55 6.75 -14.12 | 71.65 5.77 -17.40 | 70.74 5.57 -15.38 | 81.37 6.64 -18.41 | 106.34 9.08 -20.23 | 92.93 7.95 -18.67 | 93.42 8.38 -15.77 | 87.00 7.34 -16.37 | 78.73 6.74 -13.84 | 71.92 6.28 -15.02 | |
| PIERCEFIELD___HYD 23852 | 43.20 -1.88 -1.26 | 44.08 -1.98 -1.10 | 48.16 -2.43 -0.95 | 50.13 -1.21 -0.94 | 53.13 -1.39 -0.94 | 62.76 -1.45 -1.01 | 134.51 -2.19 0.00 | 139.80 -2.28 0.00 | 135.38 -3.61 0.00 | 133.72 -4.13 0.00 | 132.83 -3.97 0.00 | 124.20 -4.24 0.00 | 76.47 -2.82 -0.80 | 59.25 -2.55 -0.99 | 56.23 -2.42 -0.96 | 47.56 -2.08 -1.16 | 47.94 -1.84 0.00 | 54.62 -1.69 0.00 | 75.02 -2.00 0.00 | 64.58 -1.72 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.41 -2.73 0.00 | 48.54 -2.08 0.00 | |
| PINELAWN_CC_1 323563 | 118.26 6.18 -68.26 | 111.65 6.29 -60.41 | 110.55 6.90 -54.01 | 110.69 6.80 -53.49 | 113.16 7.40 -52.18 | 127.56 8.85 -55.51 | 162.95 19.28 -6.98 | 195.48 20.17 -33.24 | 172.83 20.57 -13.27 | 177.29 21.22 -18.22 | 178.89 20.93 -21.16 | 159.50 19.65 -11.42 | 152.11 12.71 -60.90 | 142.43 9.91 -71.72 | 134.34 9.34 -67.30 | 136.41 7.95 -79.97 | 150.16 8.12 -92.26 | 166.35 9.29 -100.74 | 194.81 12.56 -105.22 | 179.15 10.74 -102.10 | 159.51 11.36 -78.88 | 140.06 10.19 -66.57 | 123.65 9.07 -56.44 | 117.34 7.49 -59.22 | |
| PJM_GEN_HTP_PROXY 323702 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.69 5.84 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 157.05 18.06 0.00 | 156.34 18.48 0.00 | 155.26 18.46 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.85 8.39 -65.65 | 126.15 7.90 -60.56 | 128.64 6.74 -73.41 | 142.26 6.77 -85.70 | 155.93 7.66 -91.96 | 179.14 10.55 -91.56 | 158.17 9.08 -82.77 | 150.00 9.42 -71.31 | 128.10 8.48 -56.33 | 113.32 7.56 -47.62 | 108.31 6.02 -51.67 | |
| PJM_GEN_KEYSTONE 24065 | 85.96 1.49 -40.64 | 82.09 1.57 -35.57 | 82.31 1.99 -30.68 | 82.20 1.46 -30.34 | 82.87 2.09 -27.20 | 100.48 2.21 -35.07 | 124.65 5.87 17.93 | 127.41 6.82 21.48 | 121.47 6.67 24.19 | 119.96 6.62 24.52 | 118.30 6.30 24.80 | 111.18 5.39 22.64 | 96.25 3.37 -14.38 | 88.56 2.80 -24.96 | 84.24 2.54 -24.02 | 83.00 2.38 -32.14 | 86.35 2.34 -34.22 | 99.99 2.70 -40.98 | 125.74 3.70 -45.02 | 111.11 3.25 -41.55 | 107.83 3.46 -35.10 | 102.95 3.23 -36.43 | 91.91 2.96 -30.80 | 86.57 2.53 -33.42 | |
| PJM_GEN_NEPTUNE_PROXY 323594 | 107.75 5.48 -58.45 | 101.47 5.57 -50.94 | 99.19 6.20 -43.34 | 99.28 6.05 -42.83 | 103.22 6.54 -43.10 | 118.58 7.77 -47.61 | 157.71 17.90 -3.11 | 191.64 18.75 -30.80 | 167.14 19.04 -9.11 | 153.94 19.71 3.63 | 162.52 19.56 -6.16 | 150.45 18.23 -3.78 | 142.17 11.22 -52.46 | 133.32 8.76 -63.76 | 124.38 8.25 -58.44 | 126.88 7.03 -71.36 | 140.56 7.12 -83.65 | 157.37 8.11 -92.95 | 187.71 11.01 -99.67 | 171.03 9.35 -95.37 | 151.48 10.04 -72.16 | 129.75 8.98 -57.48 | 111.09 8.08 -44.86 | 109.56 6.63 -52.31 | |
| PJM_GEN_VFT_PROXY 323633 | 109.39 4.78 -60.79 | 103.01 4.86 -53.20 | 100.90 5.36 -45.89 | 100.97 5.19 -45.38 | 104.53 5.68 -45.27 | 118.83 6.83 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.64 6.74 -73.41 | 142.26 6.77 -85.70 | 155.99 7.72 -91.96 | 179.23 10.63 -91.57 | 158.24 9.15 -82.78 | 150.14 9.56 -71.31 | 128.16 8.54 -56.33 | 113.44 7.67 -47.62 | 108.31 6.02 -51.67 | |

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| PLEASANTVLY___LBMP 24000 | 110.72 4.25 -62.64 | 104.09 4.32 -54.82 | 101.75 4.81 -47.29 | 101.85 4.69 -46.76 | 105.33 5.09 -46.65 | 119.44 5.94 -50.29 | 149.19 13.40 0.91 | 155.33 14.34 1.10 | 153.58 14.59 0.00 | 153.02 15.16 0.00 | 151.85 15.05 0.00 | 142.56 14.13 0.00 | 128.07 8.71 -40.86 | 118.55 6.81 -50.94 | 113.39 6.46 -49.25 | 111.42 5.48 -57.46 | 109.83 5.48 -54.57 | 127.89 6.25 -65.33 | 157.43 8.63 -71.78 | 139.91 7.36 -66.25 | 132.92 7.69 -55.96 | 128.34 6.96 -58.08 | 113.53 6.28 -49.11 | 108.96 5.06 -53.28 |
| POLETTI____ 23519 | 109.48 4.86 -60.79 | 103.05 4.90 -53.20 | 100.99 5.46 -45.89 | 101.07 5.29 -45.38 | 104.64 5.79 -45.27 | 118.90 6.89 -48.80 | 151.48 15.71 0.94 | 158.14 17.18 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.85 8.39 -65.66 | 126.15 7.90 -60.56 | 128.60 6.69 -73.41 | 142.26 6.77 -85.70 | 155.93 7.66 -91.96 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.10 8.48 -56.33 | 113.32 7.56 -47.62 | 108.31 6.02 -51.67 |
| PORT_JEFF_3 23555 | 113.62 5.57 -64.23 | 107.23 5.76 -56.52 | 105.58 6.31 -49.63 | 105.71 6.20 -49.12 | 108.68 6.64 -48.45 | 123.12 8.03 -51.89 | 160.32 18.99 -4.63 | 194.43 20.59 -31.76 | 170.85 21.12 -10.74 | 167.89 21.64 -8.39 | 170.06 21.20 -12.05 | 156.74 20.03 -8.28 | 148.01 12.08 -57.43 | 138.61 9.36 -68.45 | 130.12 8.77 -63.67 | 132.44 7.52 -76.43 | 146.17 7.66 -88.72 | 161.16 8.84 -96.01 | 190.81 11.94 -101.85 | 174.53 10.21 -98.01 | 154.81 10.74 -74.80 | 133.96 9.62 -61.05 | 118.43 8.60 -51.68 | 112.81 7.03 -55.15 |
| PORT_JEFF_4 23616 | 113.62 5.57 -64.23 | 107.23 5.76 -56.52 | 105.58 6.31 -49.63 | 105.71 6.20 -49.12 | 108.68 6.64 -48.45 | 123.12 8.03 -51.89 | 160.32 18.99 -4.63 | 194.43 20.59 -31.76 | 170.85 21.12 -10.74 | 167.89 21.64 -8.39 | 170.06 21.20 -12.05 | 156.74 20.03 -8.28 | 148.01 12.08 -57.43 | 138.61 9.36 -68.45 | 130.12 8.77 -63.67 | 132.44 7.52 -76.43 | 146.17 7.66 -88.72 | 161.16 8.84 -96.01 | 190.81 11.94 -101.85 | 174.53 10.21 -98.01 | 154.81 10.74 -74.80 | 133.96 9.62 -61.05 | 118.43 8.60 -51.68 | 112.81 7.03 -55.15 |
| PORT_JEFF_IC 23713 | 113.92 5.74 -64.36 | 107.53 5.93 -56.64 | 105.92 6.50 -49.77 | 106.01 6.35 -49.26 | 109.02 6.86 -48.57 | 123.49 8.28 -52.01 | 160.95 19.55 -4.70 | 194.91 21.02 -31.81 | 171.21 21.40 -10.82 | 168.48 21.92 -8.70 | 170.75 21.61 -12.34 | 157.36 20.54 -8.38 | 148.44 12.40 -57.55 | 138.96 9.60 -68.55 | 130.46 9.00 -63.78 | 132.69 7.66 -76.55 | 146.49 7.86 -88.84 | 161.54 9.07 -96.16 | 191.23 12.25 -101.96 | 175.00 10.54 -98.14 | 155.22 11.02 -74.93 | 134.38 9.87 -61.23 | 118.88 8.90 -51.83 | 113.14 7.24 -55.28 |
| PPL PILGRIM_ST_GT1 24216 | 114.81 6.09 -64.90 | 108.32 6.21 -57.16 | 106.80 6.80 -50.36 | 106.90 6.65 -49.84 | 109.89 7.23 -49.07 | 124.42 8.72 -52.49 | 162.09 20.37 -5.02 | 195.96 21.87 -32.01 | 172.38 22.23 -11.16 | 170.77 22.89 -10.02 | 172.93 22.57 -13.56 | 158.18 20.94 -8.80 | 149.30 12.80 -58.01 | 139.71 9.91 -68.99 | 131.30 9.34 -64.27 | 133.46 7.95 -77.02 | 147.21 8.12 -89.31 | 162.40 9.29 -96.80 | 191.84 12.40 -102.41 | 175.61 10.61 -98.69 | 155.90 11.16 -75.48 | 135.25 10.00 -61.97 | 119.57 8.95 -52.47 | 113.79 7.34 -55.83 |
| PPL PILGRIM_ST_GT2 24217 | 114.81 6.09 -64.90 | 108.32 6.21 -57.16 | 106.80 6.80 -50.36 | 106.90 6.65 -49.84 | 109.89 7.23 -49.07 | 124.42 8.72 -52.49 | 162.09 20.37 -5.02 | 195.96 21.87 -32.01 | 172.38 22.23 -11.16 | 170.77 22.89 -10.02 | 172.93 22.57 -13.56 | 158.18 20.94 -8.80 | 149.30 12.80 -58.01 | 139.71 9.91 -68.99 | 131.30 9.34 -64.27 | 133.46 7.95 -77.02 | 147.21 8.12 -89.31 | 162.40 9.29 -96.80 | 191.84 12.40 -102.41 | 175.61 10.61 -98.69 | 155.90 11.16 -75.48 | 135.25 10.00 -61.97 | 119.57 8.95 -52.47 | 113.79 7.34 -55.83 |
| PPL_SHRM_GT3 24213 | 113.68 5.57 -64.29 | 107.24 5.71 -56.57 | 105.59 6.25 -49.69 | 105.72 6.15 -49.18 | 108.73 6.64 -48.50 | 123.23 8.09 -51.94 | 160.50 19.14 -4.66 | 196.59 22.73 -31.78 | 172.84 23.08 -10.78 | 170.09 23.72 -8.52 | 172.23 23.26 -12.17 | 158.33 21.57 -8.32 | 149.01 13.03 -57.48 | 139.39 10.10 -68.49 | 130.86 9.46 -63.71 | 133.07 8.10 -76.48 | 146.82 8.27 -88.77 | 161.96 9.57 -96.07 | 191.94 13.02 -101.89 | 175.58 11.21 -98.07 | 155.84 11.71 -74.86 | 134.92 10.51 -61.12 | 119.31 9.42 -51.75 | 113.47 7.64 -55.20 |
| PPL_SHRM_GT4 24214 | 113.68 5.57 -64.29 | 107.24 5.71 -56.57 | 105.59 6.25 -49.69 | 105.72 6.15 -49.18 | 108.73 6.64 -48.50 | 123.23 8.09 -51.94 | 160.50 19.14 -4.66 | 196.59 22.73 -31.78 | 172.84 23.08 -10.78 | 170.09 23.72 -8.52 | 172.23 23.26 -12.17 | 158.33 21.57 -8.32 | 149.01 13.03 -57.48 | 139.39 10.10 -68.49 | 130.86 9.46 -63.71 | 133.07 8.10 -76.48 | 146.82 8.27 -88.77 | 161.96 9.57 -96.07 | 191.94 13.02 -101.89 | 175.58 11.21 -98.07 | 155.84 11.71 -74.86 | 134.92 10.51 -61.12 | 119.31 9.42 -51.75 | 113.47 7.64 -55.20 |
| PROJECT___ORANGE 1 24174 | 51.50 0.00 -7.67 | 51.67 0.00 -6.71 | 55.53 0.10 -5.79 | 55.93 -0.20 -5.73 | 59.30 0.00 -5.71 | 69.27 -0.13 -6.20 | 137.14 -0.41 -0.85 | 142.68 -0.42 -1.02 | 138.99 0.00 0.00 | 137.99 0.14 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 83.41 0.00 -4.91 | 66.99 0.06 -6.12 | 63.73 0.12 -5.92 | 55.86 0.05 -7.32 | 53.51 -0.50 -4.22 | 60.69 -0.67 -5.05 | 81.73 -0.85 -5.55 | 70.83 -0.60 -5.12 | 73.25 -0.34 -4.32 | 67.40 -0.38 -4.49 | 61.71 -0.23 -3.80 | 54.54 -0.20 -4.12 |
| PROJECT___ORANGE 2 24166 | 51.50 0.00 -7.67 | 51.67 0.00 -6.71 | 55.53 0.10 -5.79 | 55.93 -0.20 -5.73 | 59.30 0.00 -5.71 | 69.27 -0.13 -6.20 | 137.14 -0.41 -0.85 | 142.68 -0.42 -1.02 | 138.99 0.00 0.00 | 137.99 0.14 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 83.41 0.00 -4.91 | 66.99 0.06 -6.12 | 63.73 0.12 -5.92 | 55.86 0.05 -7.32 | 53.51 -0.50 -4.22 | 60.69 -0.67 -5.05 | 81.73 -0.85 -5.55 | 70.83 -0.60 -5.12 | 73.25 -0.34 -4.32 | 67.40 -0.38 -4.49 | 61.71 -0.23 -3.80 | 54.54 -0.20 -4.12 |
| PYRITES___HYD 24023 | 43.87 -1.14 -1.19 | 44.78 -1.21 -1.04 | 48.95 -1.59 -0.90 | 50.88 -0.40 -0.89 | 53.94 -0.54 -0.89 | 63.65 -0.51 -0.96 | 136.70 0.00 0.00 | 142.22 0.14 0.00 | 137.87 -1.12 0.00 | 136.06 -1.80 0.00 | 135.17 -1.64 0.00 | 126.38 -2.06 0.00 | 77.76 -1.49 -0.75 | 60.16 -1.58 -0.94 | 57.04 -1.55 -0.91 | 48.28 -1.31 -1.09 | 48.74 -1.05 0.00 | 55.64 -0.67 0.00 | 76.33 -0.69 0.00 | 65.77 -0.53 0.00 | 67.95 -1.32 0.00 | 61.84 -1.45 0.00 | 56.40 -1.74 0.00 | 49.46 -1.16 0.00 |
| RAMAPO___LBMP 323565 | 105.02 4.25 -56.94 | 99.14 4.36 -49.83 | 97.49 4.87 -42.99 | 97.59 4.69 -42.51 | 101.13 5.14 -42.40 | 115.23 6.32 -45.71 | 150.48 14.77 0.98 | 156.95 16.05 1.18 | 155.11 16.12 0.00 | 154.25 16.40 0.00 | 153.08 16.27 0.00 | 143.46 15.02 0.00 | 124.83 9.18 -37.16 | 114.41 7.29 -46.31 | 109.21 6.75 -44.78 | 106.44 5.77 -52.18 | 105.23 5.92 -49.52 | 122.41 6.81 -59.29 | 151.64 9.47 -65.14 | 134.58 8.15 -60.12 | 128.44 8.38 -50.79 | 123.47 7.46 -52.71 | 109.34 6.63 -44.56 | 104.25 5.26 -48.36 |
| RANKINE____ 23646 | 55.29 -1.97 -13.44 | 54.79 -1.93 -11.76 | 58.25 -1.54 -10.15 | 57.86 -2.57 -10.03 | 61.99 -1.61 -10.01 | 67.90 -3.98 -8.68 | 70.27 -8.07 58.36 | 64.18 -7.95 69.94 | 54.81 -8.20 75.98 | 52.73 -8.13 76.99 | 50.43 -8.48 77.90 | 48.72 -8.60 71.11 | 44.61 -5.26 28.63 | 43.38 -3.83 13.59 | 40.51 -3.69 13.49 | 40.78 -2.76 4.94 | 55.11 -3.29 -8.61 | 62.85 -3.77 -10.31 | 82.73 -5.62 -11.33 | 72.19 -4.57 -10.45 | 74.08 -4.02 -8.83 | 69.48 -2.97 -9.16 | 63.80 -2.09 -7.75 | 58.16 -0.86 -8.40 |
| RAVENSWOOD_GT2_1 24244 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD_GT2_2 24245 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |

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| RAVENSWOOD_GT2_3 24246 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.09 5.56 -45.89 | 101.17 5.40 -45.38 | 104.75 5.89 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.94 7.66 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.07 9.49 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD_GT2_4 24247 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.09 5.56 -45.89 | 101.17 5.40 -45.38 | 104.75 5.89 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.38 17.33 -5.61 | 143.64 10.67 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.26 6.77 -85.71 | 155.94 7.66 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.07 9.49 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD_GT3_1 24248 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD_GT3_2 24249 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD_GT3_3 24250 | 109.57 4.95 -60.79 | 103.19 5.03 -53.20 | 101.09 5.56 -45.89 | 101.22 5.44 -45.38 | 104.75 5.89 -45.27 | 119.02 7.01 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 157.05 18.06 0.00 | 156.46 18.60 0.00 | 155.26 18.46 0.00 | 151.51 17.46 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.69 6.79 -73.42 | 142.31 6.82 -85.71 | 155.99 7.72 -91.97 | 179.15 10.55 -91.57 | 158.17 9.08 -82.78 | 150.14 9.56 -71.31 | 128.16 8.54 -56.33 | 113.44 7.67 -47.63 | 108.42 6.12 -51.67 |
| RAVENSWOOD_GT3_4 24251 | 109.57 4.95 -60.79 | 103.19 5.03 -53.20 | 101.09 5.56 -45.89 | 101.22 5.44 -45.38 | 104.75 5.89 -45.27 | 119.02 7.01 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 157.05 18.06 0.00 | 156.46 18.60 0.00 | 155.26 18.46 0.00 | 151.51 17.46 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.69 6.79 -73.42 | 142.31 6.82 -85.71 | 155.99 7.72 -91.97 | 179.15 10.55 -91.57 | 158.17 9.08 -82.78 | 150.14 9.56 -71.31 | 128.16 8.54 -56.33 | 113.44 7.67 -47.63 | 108.42 6.12 -51.67 |
| RAVENSWOOD_GT_1 23729 | 109.79 5.17 -60.79 | 103.37 5.21 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.96 6.11 -45.27 | 119.21 7.20 -48.80 | 151.34 15.58 0.94 | 157.85 16.90 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.51 17.46 -5.61 | 143.80 10.84 -54.47 | 134.97 8.51 -65.66 | 126.26 8.02 -60.56 | 128.74 6.84 -73.42 | 142.36 6.87 -85.71 | 155.88 7.60 -91.97 | 178.92 10.32 -91.57 | 157.97 8.89 -82.78 | 150.07 9.49 -71.31 | 128.23 8.61 -56.33 | 113.68 7.91 -47.63 | 108.62 6.33 -51.67 |
| RAVENSWOOD_GT_10 24258 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_11 24259 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_4 24252 | 109.48 4.86 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.64 5.79 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.21 6.72 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_5 24254 | 109.48 4.86 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.64 5.79 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.21 6.72 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_6 24253 | 109.48 4.86 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.64 5.79 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.21 6.72 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_7 24255 | 109.48 4.86 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.64 5.79 -45.27 | 118.96 6.95 -48.80 | 151.61 15.85 0.94 | 158.43 17.47 1.12 | 156.93 17.94 0.00 | 156.34 18.48 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.56 10.59 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.21 6.72 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD_GT_9 24257 | 109.52 4.91 -60.79 | 103.10 4.95 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.33 7.56 -47.63 | 108.31 6.02 -51.67 |
| RAVENSWOOD___I 23533 | 109.74 5.12 -60.79 | 103.32 5.17 -53.20 | 101.29 5.76 -45.89 | 101.37 5.59 -45.38 | 104.91 6.05 -45.27 | 119.15 7.14 -48.80 | 151.21 15.44 0.94 | 157.71 16.76 1.12 | 156.50 17.51 0.00 | 156.05 18.20 0.00 | 155.00 18.20 0.00 | 151.38 17.33 -5.61 | 143.80 10.84 -54.47 | 134.91 8.45 -65.66 | 126.21 7.96 -60.56 | 128.69 6.79 -73.42 | 142.31 6.82 -85.71 | 155.83 7.55 -91.97 | 178.84 10.25 -91.57 | 157.91 8.82 -82.78 | 150.00 9.42 -71.31 | 128.16 8.54 -56.33 | 113.62 7.85 -47.63 | 108.57 6.28 -51.67 |

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| RAVENSWOOD___2 23534 | 109.70 5.08 -60.79 | 103.32 5.17 -53.20 | 101.24 5.71 -45.89 | 101.32 5.54 -45.38 | 104.91 6.05 -45.27 | 119.08 7.08 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.50 17.51 0.00 | 156.05 18.20 0.00 | 154.86 18.06 0.00 | 151.38 17.33 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.31 6.82 -85.71 | 155.83 7.55 -91.97 | 178.76 10.17 -91.57 | 157.91 8.82 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.62 7.85 -47.63 | 108.57 6.28 -51.67 |
| RAVENSWOOD___3 23535 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.04 5.51 -45.89 | 101.12 5.34 -45.38 | 104.70 5.84 -45.27 | 118.96 6.95 -48.80 | 151.48 15.71 0.94 | 158.28 17.33 1.12 | 156.93 17.94 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.26 17.22 -5.61 | 143.64 10.67 -54.47 | 134.79 8.33 -65.66 | 126.09 7.84 -60.56 | 128.60 6.69 -73.42 | 142.26 6.77 -85.71 | 155.88 7.60 -91.97 | 179.07 10.47 -91.57 | 158.10 9.02 -82.78 | 150.00 9.42 -71.31 | 128.11 8.48 -56.33 | 113.39 7.61 -47.63 | 108.37 6.07 -51.67 |
| RAVENSWOOD___4 23820 | 109.70 5.08 -60.79 | 103.28 5.12 -53.20 | 101.24 5.71 -45.89 | 101.32 5.54 -45.38 | 104.91 6.05 -45.27 | 119.08 7.08 -48.80 | 151.07 15.31 0.94 | 157.57 16.62 1.12 | 156.36 17.37 0.00 | 155.91 18.05 0.00 | 154.86 18.06 0.00 | 151.26 17.22 -5.61 | 143.72 10.75 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.31 6.82 -85.71 | 155.83 7.55 -91.97 | 178.76 10.17 -91.57 | 157.84 8.75 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.62 7.85 -47.63 | 108.57 6.28 -51.67 |
| RCPI_TRUST___DRP 24196 | 109.52 4.91 -60.79 | 103.14 4.99 -53.20 | 101.09 5.56 -45.89 | 101.17 5.40 -45.38 | 104.75 5.89 -45.27 | 119.02 7.01 -48.80 | 151.75 15.99 0.94 | 158.57 17.61 1.12 | 157.19 18.20 0.00 | 156.60 18.75 0.00 | 155.41 18.60 0.00 | 151.51 17.46 -5.61 | 143.72 10.75 -54.47 | 134.91 8.45 -65.65 | 126.21 7.96 -60.56 | 128.69 6.79 -73.41 | 142.31 6.82 -85.70 | 155.99 7.72 -91.96 | 179.22 10.63 -91.56 | 158.23 9.15 -82.77 | 150.07 9.49 -71.31 | 128.16 8.54 -56.33 | 113.38 7.61 -47.62 | 108.36 6.07 -51.67 |
| RENSSELAER___COGEN 23796 | 123.02 2.98 -76.22 | 114.71 3.06 -66.70 | 110.65 3.47 -57.54 | 110.67 3.38 -56.89 | 114.09 3.75 -56.76 | 128.67 4.24 -61.23 | 144.35 7.65 0.00 | 149.60 7.53 0.00 | 146.63 7.64 0.00 | 146.13 8.27 0.00 | 145.01 8.21 0.00 | 136.27 7.84 0.00 | 132.97 4.79 -49.68 | 126.50 3.77 -61.93 | 121.14 3.58 -59.88 | 121.79 3.06 -70.25 | 118.77 2.84 -66.15 | 138.72 3.21 -79.20 | 168.43 4.39 -87.02 | 150.40 3.78 -80.31 | 141.13 4.02 -67.84 | 137.31 3.61 -70.42 | 121.11 3.43 -59.53 | 118.36 3.14 -64.60 |
| REVERE_CPPR_DRP 24186 | 50.09 1.80 -4.47 | 50.71 1.84 -3.91 | 55.15 2.13 -3.37 | 55.70 1.96 -3.34 | 59.27 2.36 -3.33 | 69.45 2.65 -3.59 | 142.99 6.29 0.00 | 149.04 6.96 0.00 | 146.21 7.22 0.00 | 145.02 7.16 0.00 | 143.78 6.97 0.00 | 134.73 6.29 0.00 | 85.05 3.69 -2.86 | 67.17 2.80 -3.57 | 63.85 2.71 -3.45 | 54.88 2.28 -4.12 | 52.59 1.74 -1.07 | 59.73 2.14 -1.28 | 81.43 3.00 -1.40 | 70.18 2.58 -1.29 | 73.14 2.77 -1.09 | 66.77 2.34 -1.13 | 61.26 2.15 -0.96 | 53.59 1.92 -1.04 |
| RIVERBAY___ 323610 | 109.92 5.30 -60.80 | 103.51 5.35 -53.20 | 101.49 5.95 -45.90 | 101.58 5.79 -45.38 | 105.13 6.27 -45.27 | 119.40 7.39 -48.81 | 150.67 14.90 0.94 | 156.72 15.77 1.13 | 155.52 16.53 0.00 | 155.22 17.37 0.00 | 154.18 17.38 0.00 | 150.73 16.69 -5.60 | 143.33 10.36 -54.47 | 134.61 8.15 -65.65 | 125.86 7.61 -60.56 | 128.40 6.50 -73.41 | 142.06 6.57 -85.70 | 155.54 7.27 -91.96 | 178.37 9.78 -91.56 | 157.57 8.49 -82.77 | 149.65 9.07 -71.31 | 127.91 8.29 -56.33 | 113.91 8.14 -47.63 | 108.83 6.53 -51.68 |
| ROCHESTER_9_IC 23652 | 53.13 -0.61 -9.92 | 53.01 -0.63 -8.68 | 56.64 -0.50 -7.49 | 56.85 -0.96 -7.41 | 60.49 -0.48 -7.39 | 70.07 -1.39 -8.26 | 141.45 -3.14 -7.89 | 148.12 -3.41 -9.45 | 143.40 -3.06 -7.47 | 142.52 -2.90 -7.57 | 141.17 -3.28 -7.66 | 132.22 -3.21 -6.99 | 86.29 -1.73 -9.53 | 69.47 -1.03 -9.70 | 66.18 -0.93 -9.42 | 59.20 -0.78 -11.49 | 53.98 -2.14 -6.33 | 61.41 -2.48 -7.58 | 81.89 -3.46 -8.33 | 71.08 -2.92 -7.68 | 72.92 -2.84 -6.49 | 67.81 -2.22 -6.74 | 62.10 -1.74 -5.70 | 55.87 -0.91 -6.16 |
| ROSETON___1 23587 | 107.81 3.99 -60.00 | 101.55 4.09 -52.50 | 99.50 4.56 -45.29 | 99.62 4.44 -44.79 | 102.98 4.72 -44.68 | 116.87 5.50 -48.17 | 148.19 12.44 0.95 | 154.29 13.35 1.14 | 152.75 13.76 0.00 | 152.06 14.20 0.00 | 150.90 14.09 0.00 | 141.67 13.23 0.00 | 125.80 8.16 -39.14 | 115.98 6.38 -48.79 | 110.86 6.00 -47.17 | 108.63 5.14 -55.01 | 107.11 5.13 -52.20 | 124.61 5.80 -62.50 | 153.70 8.01 -68.66 | 136.58 6.90 -63.37 | 130.01 7.20 -53.53 | 125.37 6.52 -55.56 | 110.93 5.81 -46.98 | 106.25 4.65 -50.97 |
| ROSETON___2 23588 | 107.81 3.99 -60.00 | 101.55 4.09 -52.50 | 99.50 4.56 -45.29 | 99.62 4.44 -44.79 | 102.98 4.72 -44.68 | 116.87 5.50 -48.17 | 148.19 12.44 0.95 | 154.29 13.35 1.14 | 152.75 13.76 0.00 | 152.06 14.20 0.00 | 150.90 14.09 0.00 | 141.67 13.23 0.00 | 125.80 8.16 -39.14 | 115.98 6.38 -48.79 | 110.86 6.00 -47.17 | 108.63 5.14 -55.01 | 107.11 5.13 -52.20 | 124.61 5.80 -62.50 | 153.70 8.01 -68.66 | 136.58 6.90 -63.37 | 130.01 7.20 -53.53 | 125.37 6.52 -55.56 | 110.93 5.81 -46.98 | 106.25 4.65 -50.97 |
| RUSSELL___1 23602 | 53.36 -0.40 -9.93 | 53.24 -0.41 -8.69 | 56.94 -0.20 -7.50 | 57.11 -0.71 -7.41 | 60.77 -0.21 -7.40 | 70.45 -1.01 -8.27 | 142.27 -2.32 -7.90 | 148.99 -2.55 -9.46 | 144.38 -2.08 -7.47 | 143.37 -2.06 -7.57 | 142.01 -2.46 -7.66 | 132.99 -2.44 -7.00 | 86.77 -1.26 -9.53 | 69.85 -0.67 -9.71 | 66.53 -0.58 -9.42 | 59.55 -0.44 -11.49 | 54.33 -1.79 -6.33 | 61.81 -2.08 -7.58 | 82.51 -2.85 -8.33 | 71.61 -2.38 -7.69 | 73.41 -2.36 -6.50 | 68.19 -1.84 -6.74 | 62.45 -1.40 -5.70 | 56.18 -0.61 -6.17 |
| RUSSELL___2 23532 | 53.36 -0.40 -9.93 | 53.24 -0.41 -8.69 | 56.94 -0.20 -7.50 | 57.11 -0.71 -7.41 | 60.77 -0.21 -7.40 | 70.45 -1.01 -8.27 | 142.27 -2.32 -7.90 | 148.99 -2.55 -9.46 | 144.38 -2.08 -7.47 | 143.37 -2.06 -7.57 | 142.01 -2.46 -7.66 | 132.99 -2.44 -7.00 | 86.77 -1.26 -9.53 | 69.85 -0.67 -9.71 | 66.53 -0.58 -9.42 | 59.55 -0.44 -11.49 | 54.33 -1.79 -6.33 | 61.81 -2.08 -7.58 | 82.51 -2.85 -8.33 | 71.61 -2.38 -7.69 | 73.41 -2.36 -6.50 | 68.19 -1.84 -6.74 | 62.45 -1.40 -5.70 | 56.18 -0.61 -6.17 |
| RUSSELL___3 23549 | 53.36 -0.40 -9.93 | 53.24 -0.41 -8.69 | 56.94 -0.20 -7.50 | 57.11 -0.71 -7.41 | 60.77 -0.21 -7.40 | 70.45 -1.01 -8.27 | 142.27 -2.32 -7.90 | 148.99 -2.55 -9.46 | 144.38 -2.08 -7.47 | 143.37 -2.06 -7.57 | 142.01 -2.46 -7.66 | 132.99 -2.44 -7.00 | 86.77 -1.26 -9.53 | 69.85 -0.67 -9.71 | 66.53 -0.58 -9.42 | 59.55 -0.44 -11.49 | 54.33 -1.79 -6.33 | 61.81 -2.08 -7.58 | 82.51 -2.85 -8.33 | 71.61 -2.38 -7.69 | 73.41 -2.36 -6.50 | 68.19 -1.84 -6.74 | 62.45 -1.40 -5.70 | 56.18 -0.61 -6.17 |
| RUSSELL___4 23556 | 53.36 -0.40 -9.93 | 53.24 -0.41 -8.69 | 56.94 -0.20 -7.50 | 57.11 -0.71 -7.41 | 60.77 -0.21 -7.40 | 70.45 -1.01 -8.27 | 142.27 -2.32 -7.90 | 148.99 -2.55 -9.46 | 144.38 -2.08 -7.47 | 143.37 -2.06 -7.57 | 142.01 -2.46 -7.66 | 132.99 -2.44 -7.00 | 86.77 -1.26 -9.53 | 69.85 -0.67 -9.71 | 66.53 -0.58 -9.42 | 59.55 -0.44 -11.49 | 54.33 -1.79 -6.33 | 61.81 -2.08 -7.58 | 82.51 -2.85 -8.33 | 71.61 -2.38 -7.69 | 73.41 -2.36 -6.50 | 68.19 -1.84 -6.74 | 62.45 -1.40 -5.70 | 56.18 -0.61 -6.17 |
| RUSSELL___STATION 23914 | 53.36 -0.40 -9.93 | 53.24 -0.41 -8.69 | 56.94 -0.20 -7.50 | 57.11 -0.71 -7.41 | 60.77 -0.21 -7.40 | 70.45 -1.01 -8.27 | 142.27 -2.32 -7.90 | 148.99 -2.55 -9.46 | 144.38 -2.08 -7.47 | 143.37 -2.06 -7.57 | 142.01 -2.46 -7.66 | 132.99 -2.44 -7.00 | 86.77 -1.26 -9.53 | 69.85 -0.67 -9.71 | 66.53 -0.58 -9.42 | 59.55 -0.44 -11.49 | 54.33 -1.79 -6.33 | 61.81 -2.08 -7.58 | 82.51 -2.85 -8.33 | 71.61 -2.38 -7.69 | 73.41 -2.36 -6.50 | 68.19 -1.84 -6.74 | 62.45 -1.40 -5.70 | 56.18 -0.61 -6.17 |
| S SALMON___HYD 24043 | 50.38 0.04 -6.52 | 50.70 0.05 -5.70 | 54.61 0.05 -4.92 | 55.21 -0.05 -4.86 | 58.55 0.11 -4.85 | 68.54 0.06 -5.27 | 137.64 0.00 -0.94 | 143.21 0.00 -1.13 | 139.27 0.28 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.31 -0.13 0.00 | 82.66 0.00 -4.16 | 66.11 0.12 -5.19 | 62.88 0.17 -5.01 | 54.92 0.15 -6.28 | 52.69 -0.40 -3.30 | 59.93 -0.34 -3.96 | 80.99 -0.38 -4.35 | 70.05 -0.26 -4.01 | 72.38 -0.28 -3.39 | 66.49 -0.31 -3.52 | 60.94 -0.17 -2.97 | 53.75 -0.10 -3.23 |

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|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| SELKIRK___I 23801 | 122.71 2.81 -76.07 | 114.45 2.92 -66.57 | 110.35 3.28 -57.43 | 110.36 3.18 -56.79 | 113.77 3.54 -56.65 | 128.30 3.98 -61.12 | 142.57 5.87 0.00 | 147.91 5.83 0.00 | 144.96 5.97 0.00 | 144.47 6.62 0.00 | 143.37 6.57 0.00 | 134.73 6.29 0.00 | 131.93 3.85 -49.59 | 125.66 3.04 -61.81 | 120.33 2.88 -59.76 | 121.06 2.47 -70.10 | 118.01 2.24 -65.98 | 137.85 2.54 -79.00 | 167.29 3.47 -86.79 | 149.40 2.99 -80.11 | 140.13 3.19 -67.67 | 136.44 2.91 -70.24 | 120.26 2.73 -59.38 | 118.10 3.04 -64.44 |
| SELKIRK___II 23799 | 122.71 2.81 -76.08 | 114.45 2.92 -66.58 | 110.35 3.28 -57.43 | 110.37 3.18 -56.79 | 113.78 3.54 -56.65 | 128.31 3.98 -61.12 | 142.57 5.87 0.00 | 147.91 5.83 0.00 | 144.96 5.97 0.00 | 144.47 6.62 0.00 | 143.37 6.57 0.00 | 134.73 6.29 0.00 | 132.01 3.92 -49.60 | 125.66 3.04 -61.82 | 120.34 2.88 -59.77 | 121.07 2.47 -70.11 | 118.02 2.24 -65.99 | 137.86 2.54 -79.01 | 167.30 3.47 -86.80 | 149.41 2.99 -80.11 | 140.13 3.19 -67.68 | 136.44 2.91 -70.24 | 120.26 2.73 -59.39 | 118.10 3.04 -64.44 |
| SENECA OSWGO___HYD 24041 | 50.78 -0.26 -7.22 | 51.01 -0.27 -6.32 | 54.85 -0.25 -5.45 | 55.29 -0.50 -5.39 | 58.59 -0.37 -5.38 | 68.53 -0.51 -5.84 | 136.37 -1.37 -1.03 | 142.04 -1.28 -1.24 | 138.02 -0.97 0.00 | 137.03 -0.82 0.00 | 135.85 -0.95 0.00 | 127.54 -0.89 0.00 | 82.56 -0.55 -4.61 | 66.31 -0.24 -5.75 | 63.07 -0.17 -5.56 | 55.25 -0.19 -6.96 | 53.06 -0.65 -3.93 | 60.17 -0.84 -4.70 | 81.04 -1.15 -5.17 | 70.15 -0.93 -4.77 | 72.47 -0.83 -4.03 | 66.71 -0.76 -4.18 | 61.04 -0.64 -3.53 | 53.90 -0.56 -3.84 |
| SENECA___ENERGY 23797 | 54.13 0.04 -10.26 | 54.02 0.09 -8.98 | 57.64 0.25 -7.75 | 57.91 -0.15 -7.66 | 61.39 0.16 -7.64 | 71.45 -0.06 -8.31 | 138.86 0.27 -1.88 | 145.19 0.86 -2.26 | 139.69 0.70 0.00 | 138.41 0.55 0.00 | 137.08 0.27 0.00 | 128.44 0.00 0.00 | 84.82 0.00 -6.32 | 68.87 0.18 -7.88 | 65.54 0.23 -7.62 | 58.79 0.29 -10.01 | 56.04 -0.35 -6.60 | 63.76 -0.45 -7.90 | 85.09 -0.62 -8.68 | 73.86 -0.46 -8.01 | 75.76 -0.28 -6.77 | 70.06 -0.25 -7.03 | 63.97 -0.12 -5.94 | 57.07 0.00 -6.45 |
| SHOEMAKER___GT 23640 | 101.78 3.72 -54.23 | 96.23 3.82 -47.46 | 94.85 4.27 -40.94 | 95.01 4.13 -40.48 | 98.47 4.50 -40.38 | 111.98 5.24 -43.53 | 147.72 12.03 1.02 | 153.79 12.93 1.22 | 152.05 13.06 0.00 | 151.37 13.52 0.00 | 150.07 13.27 0.00 | 140.89 12.45 0.00 | 121.50 7.61 -35.39 | 110.88 5.96 -44.12 | 105.88 5.54 -42.65 | 102.86 4.70 -49.67 | 101.57 4.68 -47.10 | 118.06 5.35 -56.39 | 146.54 7.55 -61.96 | 129.99 6.50 -57.18 | 124.29 6.72 -48.31 | 119.50 6.08 -50.14 | 106.00 5.46 -42.39 | 101.02 4.40 -46.00 |
| SHOREHAM_IC_1 23715 | 113.68 5.57 -64.29 | 107.24 5.71 -56.57 | 105.59 6.25 -49.69 | 105.72 6.15 -49.18 | 108.73 6.64 -48.50 | 123.23 8.09 -51.94 | 160.50 19.14 -4.66 | 196.59 22.73 -31.78 | 172.84 23.08 -10.78 | 170.09 23.72 -8.52 | 172.23 23.26 -12.17 | 158.33 21.57 -8.32 | 149.01 13.03 -57.48 | 139.39 10.10 -68.49 | 130.86 9.46 -63.71 | 133.07 8.10 -76.48 | 146.82 8.27 -88.77 | 161.96 9.57 -96.07 | 191.94 13.02 -101.89 | 175.58 11.21 -98.07 | 155.84 11.71 -74.86 | 134.92 10.51 -61.12 | 119.31 9.42 -51.75 | 113.47 7.64 -55.20 |
| SHOREHAM_IC_2 23716 | 113.68 5.57 -64.29 | 107.24 5.71 -56.57 | 105.59 6.25 -49.69 | 105.72 6.15 -49.18 | 108.73 6.64 -48.50 | 123.23 8.09 -51.94 | 160.50 19.14 -4.66 | 196.59 22.73 -31.78 | 172.84 23.08 -10.78 | 170.09 23.72 -8.52 | 172.23 23.26 -12.17 | 158.33 21.57 -8.32 | 149.01 13.03 -57.48 | 139.39 10.10 -68.49 | 130.86 9.46 -63.71 | 133.07 8.10 -76.48 | 146.82 8.27 -88.77 | 161.96 9.57 -96.07 | 191.94 13.02 -101.89 | 175.58 11.21 -98.07 | 155.84 11.71 -74.86 | 134.92 10.51 -61.12 | 119.31 9.42 -51.75 | 113.47 7.64 -55.20 |
| SISSONVILLE____ 23735 | 43.20 -1.88 -1.26 | 44.08 -1.98 -1.10 | 48.16 -2.43 -0.95 | 50.13 -1.21 -0.94 | 53.13 -1.39 -0.94 | 62.76 -1.45 -1.01 | 134.51 -2.19 0.00 | 139.80 -2.28 0.00 | 135.38 -3.61 0.00 | 133.72 -4.13 0.00 | 132.83 -3.97 0.00 | 124.20 -4.24 0.00 | 76.47 -2.82 -0.80 | 59.25 -2.55 -0.99 | 56.23 -2.42 -0.96 | 47.56 -2.08 -1.16 | 47.94 -1.84 0.00 | 54.62 -1.69 0.00 | 75.02 -2.00 0.00 | 64.58 -1.72 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.41 -2.73 0.00 | 48.54 -2.08 0.00 |
| SITHE_IND_GS1 24169 | 49.11 -1.14 -6.42 | 49.41 -1.17 -5.62 | 53.25 -1.24 -4.85 | 53.73 -1.46 -4.79 | 56.92 -1.44 -4.78 | 66.57 -1.83 -5.20 | 133.71 -4.10 -1.11 | 139.15 -4.26 -1.33 | 136.26 -3.75 -1.01 | 135.17 -3.72 -1.03 | 134.15 -3.69 -1.04 | 125.92 -3.46 -0.95 | 80.96 -2.12 -4.59 | 64.71 -1.52 -5.42 | 61.49 -1.44 -5.25 | 53.52 -1.21 -6.25 | 51.28 -1.74 -3.24 | 58.16 -2.02 -3.88 | 78.52 -2.77 -4.26 | 67.85 -2.38 -3.93 | 70.17 -2.43 -3.32 | 64.58 -2.15 -3.45 | 59.20 -1.86 -2.91 | 52.21 -1.57 -3.16 |
| SITHE_IND_GS2 24170 | 49.11 -1.14 -6.42 | 49.41 -1.17 -5.62 | 53.25 -1.24 -4.85 | 53.73 -1.46 -4.79 | 56.92 -1.44 -4.78 | 66.57 -1.83 -5.20 | 133.71 -4.10 -1.11 | 139.15 -4.26 -1.33 | 136.26 -3.75 -1.01 | 135.17 -3.72 -1.03 | 134.15 -3.69 -1.04 | 125.92 -3.46 -0.95 | 80.96 -2.12 -4.59 | 64.71 -1.52 -5.42 | 61.49 -1.44 -5.25 | 53.52 -1.21 -6.25 | 51.28 -1.74 -3.24 | 58.16 -2.02 -3.88 | 78.52 -2.77 -4.26 | 67.85 -2.38 -3.93 | 70.17 -2.43 -3.32 | 64.58 -2.15 -3.45 | 59.20 -1.86 -2.91 | 52.21 -1.57 -3.16 |
| SITHE_IND_GS3 24171 | 49.11 -1.14 -6.42 | 49.41 -1.17 -5.62 | 53.25 -1.24 -4.85 | 53.73 -1.46 -4.79 | 56.92 -1.44 -4.78 | 66.57 -1.83 -5.20 | 133.71 -4.10 -1.11 | 139.15 -4.26 -1.33 | 136.26 -3.75 -1.01 | 135.17 -3.72 -1.03 | 134.15 -3.69 -1.04 | 125.92 -3.46 -0.95 | 80.96 -2.12 -4.59 | 64.71 -1.52 -5.42 | 61.49 -1.44 -5.25 | 53.52 -1.21 -6.25 | 51.28 -1.74 -3.24 | 58.16 -2.02 -3.88 | 78.52 -2.77 -4.26 | 67.85 -2.38 -3.93 | 70.17 -2.43 -3.32 | 64.58 -2.15 -3.45 | 59.20 -1.86 -2.91 | 52.21 -1.57 -3.16 |
| SITHE_IND_GS4 24172 | 49.11 -1.14 -6.42 | 49.41 -1.17 -5.62 | 53.25 -1.24 -4.85 | 53.73 -1.46 -4.79 | 56.92 -1.44 -4.78 | 66.57 -1.83 -5.20 | 133.71 -4.10 -1.11 | 139.15 -4.26 -1.33 | 136.26 -3.75 -1.01 | 135.17 -3.72 -1.03 | 134.15 -3.69 -1.04 | 125.92 -3.46 -0.95 | 80.96 -2.12 -4.59 | 64.71 -1.52 -5.42 | 61.49 -1.44 -5.25 | 53.52 -1.21 -6.25 | 51.28 -1.74 -3.24 | 58.16 -2.02 -3.88 | 78.52 -2.77 -4.26 | 67.85 -2.38 -3.93 | 70.17 -2.43 -3.32 | 64.58 -2.15 -3.45 | 59.20 -1.86 -2.91 | 52.21 -1.57 -3.16 |
| SITHE___BATAVIA 24024 | 54.09 -1.36 -11.62 | 53.78 -1.35 -10.17 | 57.42 -0.99 -8.77 | 57.21 -1.86 -8.68 | 61.22 -1.02 -8.65 | 69.79 -3.29 -9.87 | 143.99 -7.52 -14.81 | 151.74 -8.09 -17.75 | 145.90 -7.78 -14.69 | 144.89 -7.85 -14.89 | 143.80 -8.07 -15.06 | 134.35 -7.84 -13.75 | 87.66 -4.63 -13.80 | 70.45 -3.28 -12.93 | 67.14 -3.12 -12.56 | 61.12 -2.47 -15.11 | 53.83 -3.29 -7.33 | 61.26 -3.83 -8.78 | 81.13 -5.55 -9.65 | 70.57 -4.64 -8.90 | 72.56 -4.23 -7.52 | 68.00 -3.10 -7.81 | 62.54 -2.21 -6.60 | 56.96 -0.81 -7.15 |
| SITHE___INDEPEND 23800 | 49.11 -1.14 -6.42 | 49.41 -1.17 -5.62 | 53.25 -1.24 -4.85 | 53.73 -1.46 -4.79 | 56.92 -1.44 -4.78 | 66.57 -1.83 -5.20 | 133.71 -4.10 -1.11 | 139.15 -4.26 -1.33 | 136.26 -3.75 -1.01 | 135.17 -3.72 -1.03 | 134.15 -3.69 -1.04 | 125.92 -3.46 -0.95 | 80.96 -2.12 -4.59 | 64.71 -1.52 -5.42 | 61.49 -1.44 -5.25 | 53.52 -1.21 -6.25 | 51.28 -1.74 -3.24 | 58.16 -2.02 -3.88 | 78.52 -2.77 -4.26 | 67.85 -2.38 -3.93 | 70.17 -2.43 -3.32 | 64.58 -2.15 -3.45 | 59.20 -1.86 -2.91 | 52.21 -1.57 -3.16 |
| SITHE___MASSENA 23902 | 41.72 -2.10 0.00 | 42.75 -2.20 0.00 | 47.01 -2.63 0.00 | 48.69 -1.71 0.00 | 51.60 -1.98 0.00 | 61.05 -2.15 0.00 | 132.60 -4.10 0.00 | 137.67 -4.41 0.00 | 133.57 -5.42 0.00 | 131.93 -5.92 0.00 | 131.19 -5.61 0.00 | 122.66 -5.78 0.00 | 74.88 -3.61 0.00 | 57.71 -3.10 0.00 | 54.75 -2.94 0.00 | 45.96 -2.52 0.00 | 47.50 -2.29 0.00 | 54.00 -2.31 0.00 | 74.10 -2.93 0.00 | 63.79 -2.52 0.00 | 66.02 -3.25 0.00 | 60.25 -3.04 0.00 | 55.00 -3.14 0.00 | 48.04 -2.58 0.00 |
| SITHE___OGDNSBRG 24021 | 42.25 -1.58 0.00 | 43.29 -1.66 0.00 | 47.56 -2.08 0.00 | 49.44 -0.96 0.00 | 52.41 -1.18 0.00 | 62.07 -1.14 0.00 | 135.20 -1.50 0.00 | 140.52 -1.56 0.00 | 136.21 -2.78 0.00 | 134.55 -3.31 0.00 | 133.66 -3.14 0.00 | 124.84 -3.60 0.00 | 76.06 -2.43 0.00 | 58.56 -2.25 0.00 | 55.55 -2.13 0.00 | 46.65 -1.84 0.00 | 48.29 -1.49 0.00 | 55.02 -1.29 0.00 | 75.56 -1.47 0.00 | 65.05 -1.26 0.00 | 67.26 -2.01 0.00 | 61.26 -2.03 0.00 | 55.82 -2.33 0.00 | 48.85 -1.77 0.00 |

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| SITHE___STERLING 23777 | 50.21 1.40 -4.98 | 50.76 1.44 -4.36 | 55.09 1.69 -3.76 | 55.58 1.46 -3.72 | 59.12 1.82 -3.71 | 69.23 2.02 -4.00 | 141.48 4.78 0.00 | 147.34 5.26 0.00 | 144.56 5.57 0.00 | 143.38 5.52 0.00 | 142.13 5.33 0.00 | 133.32 4.88 0.00 | 84.59 2.91 -3.19 | 67.04 2.25 -3.98 | 63.67 2.14 -3.85 | 54.87 1.80 -4.59 | 52.55 1.25 -1.52 | 59.65 1.52 -1.81 | 81.10 2.08 -1.99 | 70.00 1.85 -1.84 | 72.84 2.01 -1.55 | 66.61 1.71 -1.61 | 61.08 1.57 -1.36 | 53.52 1.42 -1.48 |
| SOUTH CAIRO___GT 23612 | 114.38 4.91 -65.64 | 107.43 5.03 -57.44 | 104.80 5.61 -49.56 | 104.89 5.49 -49.00 | 108.52 6.05 -48.88 | 122.92 7.01 -52.70 | 150.61 14.77 0.86 | 156.96 15.91 1.03 | 154.28 15.29 0.00 | 154.12 16.26 0.00 | 152.26 15.45 0.00 | 142.82 14.38 0.00 | 129.79 8.48 -42.81 | 120.80 6.63 -53.36 | 115.39 6.11 -51.59 | 113.86 5.14 -60.24 | 111.53 5.13 -56.61 | 130.06 5.97 -67.78 | 160.35 8.85 -74.47 | 142.60 7.56 -68.73 | 134.95 7.62 -58.06 | 130.39 6.84 -60.26 | 115.37 6.28 -50.95 | 111.35 5.42 -55.31 |
| SOUTH HAMPTN___IC 23720 | 115.43 7.36 -64.25 | 109.04 7.55 -56.53 | 107.58 8.29 -49.65 | 107.70 8.16 -49.13 | 110.95 8.90 -48.47 | 125.98 10.87 -51.91 | 166.89 25.56 -4.64 | 202.82 28.98 -31.77 | 178.94 29.20 -10.75 | 175.79 29.51 -8.42 | 177.74 28.86 -12.08 | 163.31 26.59 -8.29 | 151.80 15.86 -57.45 | 141.43 12.16 -68.46 | 132.79 11.42 -63.68 | 134.68 9.75 -76.45 | 148.63 10.10 -88.74 | 164.17 11.83 -96.03 | 195.14 16.25 -101.86 | 178.39 14.06 -98.03 | 158.70 14.61 -74.82 | 137.53 13.17 -61.07 | 121.59 11.75 -51.70 | 115.46 9.67 -55.17 |
| SOUTHOLD___IC 23719 | 116.14 8.06 -64.25 | 109.76 8.27 -56.54 | 108.38 9.08 -49.65 | 108.51 8.97 -49.14 | 111.81 9.75 -48.47 | 127.06 11.95 -51.91 | 169.50 28.16 -4.64 | 205.67 31.82 -31.77 | 181.57 31.82 -10.75 | 178.27 31.98 -8.43 | 179.94 31.05 -12.09 | 165.25 28.52 -8.29 | 152.90 16.95 -57.45 | 142.28 13.01 -68.46 | 133.54 12.17 -63.68 | 135.37 10.43 -76.45 | 149.38 10.85 -88.74 | 165.13 12.78 -96.03 | 196.69 17.80 -101.86 | 179.66 15.32 -98.03 | 159.95 15.86 -74.82 | 138.66 14.30 -61.07 | 122.59 12.74 -51.70 | 116.27 10.48 -55.17 |
| ST LAWRENCE___ 23600 | 41.77 -2.06 0.00 | 42.80 -2.16 0.00 | 47.11 -2.53 0.00 | 48.43 -1.97 0.00 | 51.28 -2.30 0.00 | 60.67 -2.53 0.00 | 131.51 -5.19 0.00 | 136.68 -5.40 0.00 | 132.88 -6.11 0.00 | 131.38 -6.48 0.00 | 130.51 -6.29 0.00 | 122.15 -6.29 0.00 | 74.57 -3.92 0.00 | 57.58 -3.22 0.00 | 54.63 -3.06 0.00 | 45.87 -2.62 0.00 | 47.35 -2.44 0.00 | 53.72 -2.59 0.00 | 73.64 -3.39 0.00 | 63.39 -2.92 0.00 | 65.74 -3.53 0.00 | 60.00 -3.29 0.00 | 54.83 -3.31 0.00 | 47.84 -2.78 0.00 |
| STATION 5_MISC_HYD 23604 | 53.13 -0.61 -9.92 | 53.01 -0.63 -8.68 | 56.64 -0.50 -7.49 | 56.85 -0.96 -7.41 | 60.49 -0.48 -7.39 | 70.07 -1.39 -8.26 | 141.45 -3.14 -7.89 | 148.12 -3.41 -9.45 | 143.40 -3.06 -7.47 | 142.52 -2.90 -7.57 | 141.17 -3.28 -7.66 | 132.22 -3.21 -6.99 | 86.29 -1.73 -9.53 | 69.47 -1.03 -9.70 | 66.18 -0.93 -9.42 | 59.20 -0.78 -11.49 | 53.98 -2.14 -6.33 | 61.41 -2.48 -7.58 | 81.89 -3.46 -8.33 | 71.08 -2.92 -7.68 | 72.92 -2.84 -6.49 | 67.81 -2.22 -6.74 | 62.10 -1.74 -5.70 | 55.87 -0.91 -6.16 |
| STEEL___WIND 323596 | 55.34 -1.93 -13.44 | 54.83 -1.89 -11.76 | 58.30 -1.49 -10.15 | 57.91 -2.52 -10.03 | 62.04 -1.56 -10.01 | 67.96 -3.92 -8.68 | 70.41 -7.93 58.36 | 64.32 -7.81 69.94 | 55.10 -7.92 75.98 | 52.86 -8.00 76.99 | 50.56 -8.35 77.90 | 48.84 -8.48 71.11 | 44.69 -5.18 28.63 | 43.44 -3.77 13.59 | 40.57 -3.63 13.49 | 40.83 -2.71 4.94 | 55.16 -3.24 -8.61 | 62.90 -3.72 -10.31 | 82.81 -5.55 -11.33 | 72.25 -4.51 -10.45 | 74.16 -3.95 -8.83 | 69.54 -2.91 -9.16 | 63.86 -2.04 -7.75 | 58.21 -0.81 -8.40 |
| STEBEN_REC_LFGE 323667 | 63.05 3.02 -16.20 | 62.50 3.37 -14.18 | 66.04 4.17 -12.23 | 66.12 3.63 -12.09 | 70.26 4.61 -12.06 | 81.22 5.18 -12.84 | 146.41 14.63 4.93 | 153.22 17.04 5.91 | 143.07 15.15 11.08 | 140.83 14.20 11.23 | 139.26 13.81 11.36 | 129.63 11.56 10.37 | 89.01 6.44 -4.08 | 74.28 5.17 -8.31 | 70.80 5.13 -7.98 | 66.71 4.75 -13.46 | 65.89 4.33 -11.77 | 74.92 4.51 -14.10 | 98.06 5.55 -15.49 | 85.24 4.64 -14.30 | 86.19 4.85 -12.08 | 79.37 3.54 -12.53 | 71.71 2.96 -10.60 | 64.75 2.63 -11.50 |
| STONY___BROOK 24151 | 113.92 5.74 -64.36 | 107.53 5.93 -56.64 | 105.92 6.50 -49.77 | 106.01 6.35 -49.26 | 109.02 6.86 -48.57 | 123.49 8.28 -52.01 | 160.95 19.55 -4.70 | 194.91 21.02 -31.81 | 171.21 21.40 -10.82 | 168.48 21.92 -8.70 | 170.75 21.61 -12.34 | 157.36 20.54 -8.38 | 148.44 12.40 -57.55 | 138.96 9.60 -68.55 | 130.46 7.66 -63.78 | 132.69 7.66 -76.55 | 146.49 7.86 -88.84 | 161.54 9.07 -96.16 | 191.23 12.25 -101.96 | 175.00 10.54 -98.14 | 155.22 11.02 -74.93 | 134.38 9.87 -61.23 | 118.88 8.90 -51.83 | 113.14 7.24 -55.28 |
| STURGEON_POOL_HYD 23609 | 108.97 4.30 -60.85 | 102.61 4.41 -53.25 | 100.49 4.92 -45.94 | 100.56 4.74 -45.42 | 104.09 5.20 -45.31 | 118.12 6.07 -48.85 | 149.99 14.22 0.92 | 156.46 15.49 1.11 | 154.14 15.15 0.00 | 153.29 15.44 0.00 | 151.58 14.78 0.00 | 142.19 13.75 0.00 | 126.28 8.09 -39.70 | 116.61 6.32 -49.48 | 111.35 5.82 -47.84 | 109.18 4.90 -55.80 | 107.00 4.98 -52.24 | 124.66 5.80 -62.54 | 154.36 8.63 -68.71 | 137.08 7.36 -63.42 | 130.33 7.48 -53.57 | 125.85 6.96 -55.60 | 111.43 6.28 -47.01 | 106.64 4.96 -51.06 |
| SYNERGY___BIOGAS 323694 | 54.09 -1.36 -11.62 | 53.78 -1.35 -10.17 | 57.42 -0.99 -8.77 | 57.21 -1.86 -8.68 | 61.22 -1.02 -8.65 | 69.79 -3.29 -9.87 | 143.99 -7.52 -14.81 | 151.74 -8.09 -17.75 | 145.90 -7.78 -14.69 | 144.89 -7.85 -14.89 | 143.80 -8.07 -15.06 | 134.35 -7.84 -13.75 | 87.66 -4.63 -13.80 | 70.45 -3.28 -12.93 | 67.14 -3.12 -12.56 | 61.12 -2.47 -15.11 | 53.83 -3.29 -7.33 | 61.26 -3.83 -8.78 | 81.13 -5.55 -9.65 | 70.57 -4.64 -8.90 | 72.56 -4.23 -7.52 | 68.00 -3.10 -7.81 | 62.54 -2.21 -6.60 | 56.96 -0.81 -7.15 |
| SYRACUSE___ENERGY_ST1 323597 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |
| SYRACUSE___ENERGY_ST2 323598 | 52.84 0.31 -8.71 | 52.89 0.32 -7.62 | 56.61 0.40 -6.57 | 57.05 0.15 -6.50 | 60.07 0.00 -6.48 | 70.05 -0.19 -7.04 | 137.72 -0.27 -1.30 | 143.49 -0.14 -1.55 | 139.13 0.14 0.00 | 138.13 0.28 0.00 | 136.80 0.00 0.00 | 128.44 0.00 0.00 | 84.02 0.00 -5.52 | 67.81 0.12 -6.88 | 64.46 0.12 -6.65 | 57.19 0.29 -8.41 | 54.80 -0.20 -5.22 | 62.00 -0.56 -6.25 | 83.19 -0.69 -6.86 | 72.11 -0.53 -6.33 | 74.14 -0.48 -5.35 | 68.53 -0.31 -5.55 | 63.01 0.17 -4.70 | 55.82 0.10 -5.10 |
| SYRACUSE___POWER 24017 | 52.67 0.31 -8.54 | 52.74 0.32 -7.47 | 56.48 0.40 -6.44 | 56.92 0.15 -6.37 | 60.21 0.27 -6.36 | 70.34 0.25 -6.89 | 138.06 0.55 -0.81 | 143.76 0.71 -0.97 | 140.10 1.11 0.00 | 139.09 1.24 0.00 | 137.89 1.09 0.00 | 129.34 0.91 0.00 | 84.50 0.55 -5.46 | 68.09 0.48 -6.80 | 64.78 0.52 -6.57 | 57.03 0.44 -8.10 | 54.71 -0.10 -5.02 | 62.16 -0.17 -6.01 | 83.40 -0.23 -6.60 | 72.34 -0.07 -6.10 | 74.56 0.14 -5.15 | 68.76 0.13 -5.34 | 62.84 0.17 -4.52 | 55.68 0.15 -4.90 |
| TRIGEN___CC 323695 | 137.02 5.39 -87.81 | 129.72 5.48 -79.28 | 131.03 6.10 -75.29 | 131.15 5.99 -74.75 | 130.34 6.48 -70.27 | 143.97 7.71 -73.06 | 172.44 17.36 -18.38 | 200.83 18.34 -40.42 | 183.16 18.63 -25.54 | 223.25 19.44 -65.95 | 221.35 19.15 -65.40 | 173.06 17.98 -26.64 | 167.31 11.07 -77.75 | 157.08 8.69 -87.58 | 150.84 8.19 -84.97 | 152.60 6.98 -97.13 | 166.22 7.02 -109.41 | 188.04 7.99 -123.74 | 209.47 10.86 -121.58 | 197.46 9.21 -121.94 | 177.85 9.90 -98.68 | 165.55 8.86 -93.40 | 145.68 8.03 -79.51 | 136.21 6.58 -79.01 |
| UNION___PROCESSING_DRP 323587 | 53.07 -0.75 -9.99 | 52.93 -0.76 -8.74 | 56.59 -0.59 -7.54 | 56.75 -1.11 -7.46 | 60.38 -0.64 -7.44 | 69.94 -1.58 -8.32 | 141.15 -3.55 -8.01 | 147.84 -3.83 -9.59 | 143.10 -3.47 -7.58 | 142.10 -3.44 -7.68 | 140.89 -3.69 -7.77 | 131.93 -3.60 -7.09 | 86.15 -1.96 -9.61 | 69.30 -1.28 -9.78 | 66.02 -1.15 -9.49 | 59.15 -0.92 -11.58 | 53.86 -2.29 -6.37 | 61.23 -2.70 -7.62 | 81.63 -3.77 -8.37 | 70.92 -3.12 -7.73 | 72.75 -3.05 -6.53 | 67.66 -2.40 -6.78 | 61.96 -1.92 -5.73 | 55.75 -1.07 -6.20 |

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| UPPER HUDSON___HYD 24058 | 128.15 3.99 -80.34 | 119.31 4.05 -70.30 | 115.01 4.72 -60.65 | 115.00 4.63 -59.97 | 118.55 5.14 -59.82 | 133.31 5.56 -64.54 | 149.69 12.99 0.00 | 154.72 12.64 0.00 | 151.22 12.23 0.00 | 150.96 13.10 0.00 | 150.07 13.27 0.00 | 141.28 12.84 0.00 | 138.55 7.70 -52.36 | 132.09 6.02 -65.26 | 126.50 5.71 -63.10 | 127.21 4.75 -73.96 | 123.75 4.53 -69.43 | 144.68 5.24 -83.13 | 175.37 7.01 -91.33 | 156.64 6.03 -84.30 | 146.71 6.24 -71.21 | 142.83 5.63 -73.91 | 126.50 5.87 -62.48 | 123.34 4.91 -67.80 |
| UPPER RAQUET___HYD 24056 | 43.20 -1.88 -1.26 | 44.08 -1.98 -1.10 | 48.16 -2.43 -0.95 | 50.13 -1.21 -0.94 | 53.13 -1.39 -0.94 | 62.76 -1.45 -1.01 | 134.51 -2.19 0.00 | 139.80 -2.28 0.00 | 135.38 -3.61 0.00 | 133.72 -4.13 0.00 | 132.83 -3.97 0.00 | 124.20 -4.24 0.00 | 76.47 -2.82 -0.80 | 59.25 -2.55 -0.99 | 56.23 -2.42 -0.96 | 47.56 -2.08 -1.16 | 47.94 -1.84 0.00 | 54.62 -1.69 0.00 | 75.02 -2.00 0.00 | 64.58 -1.72 0.00 | 66.78 -2.49 0.00 | 60.82 -2.47 0.00 | 55.41 -2.73 0.00 | 48.54 -2.08 0.00 |
| VISCHER___FERRY HYD 24020 | 124.95 3.72 -77.40 | 116.56 3.87 -67.74 | 112.44 4.37 -58.43 | 112.46 4.28 -57.78 | 115.99 4.77 -57.64 | 130.70 5.31 -62.18 | 147.91 11.21 0.00 | 153.02 10.94 0.00 | 149.84 10.85 0.00 | 149.44 11.58 0.00 | 148.30 11.49 0.00 | 139.48 11.05 0.00 | 135.70 6.75 -50.45 | 128.92 5.23 -62.89 | 123.51 5.02 -60.80 | 124.16 4.27 -71.40 | 121.24 4.03 -67.42 | 141.66 4.62 -80.73 | 171.95 6.24 -88.69 | 153.53 5.37 -81.86 | 144.03 5.61 -69.15 | 140.18 5.12 -71.77 | 123.82 5.00 -60.68 | 120.72 4.25 -65.84 |
| WADING RIVER_IC_1 23522 | 113.62 5.57 -64.23 | 107.18 5.71 -56.51 | 105.52 6.25 -49.63 | 105.66 6.15 -49.11 | 108.68 6.64 -48.45 | 123.18 8.09 -51.89 | 160.46 19.14 -4.63 | 196.72 22.88 -31.76 | 173.07 23.34 -10.74 | 170.08 23.85 -8.38 | 172.23 23.39 -12.04 | 158.42 21.71 -8.28 | 149.03 13.11 -57.43 | 139.40 10.15 -68.44 | 130.87 9.52 -63.66 | 133.02 8.10 -76.43 | 146.87 8.36 -88.72 | 162.01 9.69 -96.01 | 191.97 13.09 -101.85 | 175.59 11.27 -98.01 | 155.84 11.78 -74.80 | 134.90 10.57 -61.04 | 119.30 9.48 -51.68 | 113.51 7.75 -55.15 |
| WADING RIVER_IC_2 23547 | 113.62 5.57 -64.23 | 107.18 5.71 -56.51 | 105.52 6.25 -49.63 | 105.66 6.15 -49.11 | 108.68 6.64 -48.45 | 123.18 8.09 -51.89 | 160.46 19.14 -4.63 | 196.72 22.88 -31.76 | 173.07 23.34 -10.74 | 170.08 23.85 -8.38 | 172.23 23.39 -12.04 | 158.42 21.71 -8.28 | 149.03 13.11 -57.43 | 139.40 10.15 -68.44 | 130.87 9.52 -63.66 | 133.02 8.10 -76.43 | 146.87 8.36 -88.72 | 162.01 9.69 -96.01 | 191.97 13.09 -101.85 | 175.59 11.27 -98.01 | 155.84 11.78 -74.80 | 134.90 10.57 -61.04 | 119.30 9.48 -51.68 | 113.51 7.75 -55.15 |
| WADING RIVER_IC_3 23601 | 113.62 5.57 -64.23 | 107.18 5.71 -56.51 | 105.52 6.25 -49.63 | 105.66 6.15 -49.11 | 108.68 6.64 -48.45 | 123.18 8.09 -51.89 | 160.46 19.14 -4.63 | 196.72 22.88 -31.76 | 173.07 23.34 -10.74 | 170.08 23.85 -8.38 | 172.23 23.39 -12.04 | 158.42 21.71 -8.28 | 149.03 13.11 -57.43 | 139.40 10.15 -68.44 | 130.87 9.52 -63.66 | 133.02 8.10 -76.43 | 146.87 8.36 -88.72 | 162.01 9.69 -96.01 | 191.97 13.09 -101.85 | 175.59 11.27 -98.01 | 155.84 11.78 -74.80 | 134.90 10.57 -61.04 | 119.30 9.48 -51.68 | 113.51 7.75 -55.15 |
| WALDEN___HYDRO 24148 | 105.68 4.30 -57.56 | 99.68 4.36 -50.37 | 97.96 4.87 -43.45 | 98.05 4.69 -42.96 | 101.54 5.09 -42.86 | 115.53 6.13 -46.20 | 150.21 14.48 0.97 | 156.68 15.77 1.17 | 154.83 15.84 0.00 | 154.12 16.26 0.00 | 152.80 16.00 0.00 | 143.20 14.76 0.00 | 125.07 9.02 -37.55 | 114.66 7.05 -46.81 | 109.52 6.57 -45.26 | 106.81 5.57 -52.75 | 106.33 5.67 -50.87 | 123.74 6.53 -60.90 | 153.18 9.24 -66.91 | 136.02 7.95 -61.76 | 129.61 8.17 -52.17 | 124.77 7.34 -54.15 | 110.43 6.51 -45.78 | 105.55 5.17 -49.77 |
| WARRENSBURG___ 23737 | 128.15 3.99 -80.34 | 119.31 4.05 -70.30 | 115.01 4.72 -60.65 | 115.00 4.63 -59.97 | 118.55 5.14 -59.82 | 133.31 5.56 -64.54 | 149.69 12.99 0.00 | 154.72 12.64 0.00 | 151.22 12.23 0.00 | 150.96 13.10 0.00 | 150.07 13.27 0.00 | 141.28 12.84 0.00 | 138.55 7.70 -52.36 | 132.09 6.02 -65.26 | 126.50 5.71 -63.10 | 127.21 4.75 -73.96 | 123.75 4.53 -69.43 | 144.68 5.24 -83.13 | 175.37 7.01 -91.33 | 156.64 6.03 -84.30 | 146.71 6.24 -71.21 | 142.83 5.63 -73.91 | 126.50 5.87 -62.48 | 123.34 4.91 -67.80 |
| WATERSIDE___6 8 9 23538 | 109.70 5.08 -60.79 | 103.28 5.12 -53.20 | 101.24 5.71 -45.89 | 101.32 5.54 -45.38 | 104.91 6.05 -45.27 | 119.08 7.08 -48.80 | 151.07 15.31 0.94 | 157.57 16.62 1.12 | 156.36 17.37 0.00 | 155.91 18.05 0.00 | 154.86 18.06 0.00 | 151.26 17.22 -5.61 | 143.72 10.75 -54.47 | 134.86 8.39 -65.66 | 126.15 7.90 -60.56 | 128.64 6.74 -73.42 | 142.31 6.82 -85.71 | 155.83 7.55 -91.97 | 178.76 10.17 -91.57 | 157.84 8.75 -82.78 | 149.93 9.35 -71.31 | 128.11 8.48 -56.33 | 113.62 7.85 -47.63 | 108.57 6.28 -51.67 |
| WDELAWARE___HYD 323627 | 99.37 3.16 -52.39 | 94.04 3.24 -45.85 | 92.81 3.62 -39.55 | 92.98 3.47 -39.11 | 96.40 3.80 -39.01 | 109.81 4.55 -42.05 | 146.73 11.07 1.03 | 153.19 12.35 1.24 | 151.08 12.09 0.00 | 148.06 10.20 0.00 | 146.38 9.57 0.00 | 137.29 8.86 0.00 | 117.79 5.10 -34.20 | 107.44 4.01 -42.62 | 102.54 3.64 -41.21 | 99.52 3.06 -47.97 | 98.44 3.09 -45.57 | 114.53 3.66 -54.56 | 142.52 5.55 -59.94 | 126.34 4.71 -55.32 | 120.78 4.78 -46.73 | 117.68 5.89 -48.51 | 104.44 5.29 -41.01 | 99.31 4.15 -44.54 |
| WEST BABYLON___IC 23714 | 119.92 6.62 -69.47 | 113.32 6.79 -61.58 | 112.42 7.44 -55.34 | 112.52 7.31 -54.82 | 114.82 7.93 -53.30 | 129.35 9.54 -56.60 | 166.12 21.74 -7.68 | 198.78 23.01 -33.69 | 176.52 23.50 -14.03 | 183.03 23.98 -21.19 | 184.38 23.67 -23.91 | 162.90 22.10 -12.36 | 154.03 13.58 -61.95 | 144.09 10.58 -72.70 | 136.02 9.93 -68.40 | 138.01 8.48 -81.03 | 151.77 8.66 -93.32 | 168.46 9.97 -102.17 | 196.82 13.56 -106.24 | 181.24 11.60 -103.33 | 161.64 12.26 -80.11 | 142.48 10.95 -68.24 | 125.78 9.77 -57.87 | 119.13 8.05 -60.46 |
| WEST CANADA___HYD 24049 | 46.83 0.83 -2.17 | 47.71 0.85 -1.90 | 52.33 1.04 -1.64 | 52.88 0.86 -1.62 | 56.27 1.07 -1.62 | 66.09 1.14 -1.75 | 139.16 2.46 0.00 | 144.64 2.56 0.00 | 141.91 2.92 0.00 | 141.03 3.17 0.00 | 139.81 3.01 0.00 | 131.39 2.96 0.00 | 81.69 1.81 -1.39 | 63.93 1.40 -1.73 | 60.69 1.33 -1.67 | 51.60 1.12 -2.00 | 48.94 0.50 1.34 | 55.27 0.56 1.60 | 76.03 0.77 1.76 | 65.28 0.60 1.63 | 68.59 0.69 1.37 | 62.43 0.57 1.43 | 57.52 0.58 1.21 | 49.82 0.51 1.31 |
| WESTERN_NY_WIND 24143 | 54.16 -1.45 -11.78 | 53.83 -1.44 -10.31 | 57.49 -1.04 -8.89 | 57.28 -1.92 -8.80 | 61.29 -1.07 -8.77 | 69.82 -3.41 -10.03 | 144.53 -7.65 -15.48 | 152.25 -8.38 -18.55 | 146.32 -8.07 -15.39 | 145.32 -8.13 -15.60 | 144.24 -8.35 -15.78 | 134.62 -8.22 -14.41 | 87.91 -4.79 -14.21 | 70.64 -3.40 -13.23 | 67.32 -3.23 -12.87 | 61.37 -2.57 -15.45 | 53.88 -3.34 -7.43 | 61.32 -3.88 -8.89 | 81.10 -5.70 -9.77 | 70.62 -4.71 -9.02 | 72.53 -4.36 -7.62 | 68.03 -3.16 -7.91 | 62.62 -2.21 -6.69 | 57.05 -0.81 -7.24 |
| WESTOVER___LESR 323668 | 66.37 0.88 -21.67 | 64.87 0.95 -18.97 | 67.24 1.24 -16.36 | 67.43 0.86 -16.18 | 71.06 1.34 -16.14 | 81.56 1.20 -17.16 | 133.18 3.28 6.80 | 137.91 3.97 8.14 | 134.62 4.31 8.68 | 133.47 4.41 8.80 | 132.01 4.10 8.90 | 124.04 3.73 8.12 | 90.65 2.28 -9.88 | 77.47 1.82 -14.84 | 73.72 1.73 -14.31 | 67.75 1.31 -17.95 | 67.54 0.94 -16.81 | 77.51 1.07 -20.13 | 100.53 1.39 -22.12 | 87.98 1.26 -20.41 | 88.04 1.52 -17.24 | 82.70 1.52 -17.90 | 74.73 1.45 -15.13 | 68.41 1.37 -16.42 |
| WETHRSFD_WT_PWR 323626 | 56.86 -1.27 -14.31 | 56.22 -1.26 -12.52 | 59.60 -0.84 -10.80 | 59.31 -1.77 -10.68 | 63.38 -0.86 -10.65 | 72.46 -2.72 -11.97 | 144.27 -5.47 -13.04 | 152.46 -5.25 -15.63 | 143.78 -5.97 -10.76 | 142.84 -5.92 -10.91 | 141.41 -6.43 -11.04 | 131.83 -6.68 -10.08 | 87.75 -4.00 -13.26 | 71.34 -2.86 -13.40 | 67.92 -2.77 -13.00 | 63.70 -1.84 -17.06 | 57.02 -2.34 -9.57 | 65.07 -2.70 -11.46 | 85.54 -4.08 -12.59 | 74.62 -3.31 -11.62 | 76.32 -2.77 -9.82 | 71.58 -1.90 -10.19 | 65.48 -1.28 -8.62 | 59.67 -0.30 -9.35 |
| YORK___WARBASSE 23770 | 109.92 5.30 -60.79 | 103.46 5.30 -53.20 | 101.44 5.90 -45.89 | 101.47 5.69 -45.38 | 105.12 6.27 -45.27 | 119.21 7.20 -48.80 | 151.07 15.31 0.94 | 157.71 16.76 1.12 | 156.64 17.65 0.00 | 156.19 18.34 0.00 | 155.14 18.34 0.00 | 151.64 17.60 -5.61 | 143.88 10.91 -54.47 | 134.97 8.51 -65.66 | 126.21 7.96 -60.56 | 128.74 6.84 -73.42 | 142.41 6.92 -85.71 | 155.94 7.66 -91.97 | 179.15 10.55 -91.57 | 158.10 9.02 -82.78 | 150.21 9.63 -71.31 | 128.29 8.67 -56.33 | 113.80 8.03 -47.63 | 108.72 6.43 -51.67 |