

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/27/2020

| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 17.43 | 15.85 | 13.77 | 13.78 | 12.78 | 11.93 | 12.41 | 14.01 | 15.60 | 17.52 | 19.38 | 21.63 | 22.98 | 24.81 | 25.52 | 26.86 | 31.04 | 29.43 | 28.36 | 25.19 | 22.98 | 23.15 | 21.53 | 18.51 |
| 24138 | 1.52 | 1.50 | 1.35 | 1.16 | 1.14 | 0.98 | 1.20 | 1.33 | 1.56 | 1.84 | 2.01 | 2.32 | 2.79 | 3.00 | 3.04 | 2.99 | 3.22 | 3.60 | 3.44 | 2.95 | 2.55 | 2.51 | 2.30 | 1.82 |
| | -2.21 | -0.71 | 0.00 | -2.04 | -1.20 | -1.78 | -0.29 | -0.02 | -0.20 | -0.97 | -1.82 | -2.49 | 0.00 | -0.39 | -0.43 | -2.69 | -5.00 | -0.50 | -0.01 | -0.59 | -0.63 | -1.43 | -1.55 | -1.92 |
| 74TH STREET_GT_1 | 17.36 | 15.78 | 13.71 | 13.73 | 12.72 | 11.89 | 12.36 | 13.95 | 15.53 | 17.42 | 19.32 | 21.60 | 22.88 | 24.70 | 25.43 | 26.79 | 30.89 | 29.28 | 28.19 | 25.09 | 22.91 | 23.10 | 21.46 | 18.44 |
| 24260 | 1.45 | 1.43 | 1.29 | 1.11 | 1.09 | 0.94 | 1.15 | 1.27 | 1.48 | 1.71 | 1.88 | 2.20 | 2.69 | 2.87 | 2.93 | 2.86 | 3.06 | 3.45 | 3.26 | 2.84 | 2.47 | 2.42 | 2.17 | 1.74 |
| | -2.21 | -0.71 | 0.00 | -2.04 | -1.20 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | 0.00 | -0.41 | -0.45 | -2.75 | -5.00 | -0.50 | -0.01 | -0.59 | -0.64 | -1.48 | -1.60 | -1.92 |
| 74TH STREET_GT_2 | 17.36 | 15.78 | 13.71 | 13.73 | 12.72 | 11.89 | 12.36 | 13.95 | 15.53 | 17.42 | 19.32 | 21.60 | 22.88 | 24.70 | 25.43 | 26.79 | 30.89 | 29.28 | 28.19 | 25.09 | 22.91 | 23.10 | 21.46 | 18.44 |
| 24261 | 1.45 | 1.43 | 1.29 | 1.11 | 1.09 | 0.94 | 1.15 | 1.27 | 1.48 | 1.71 | 1.88 | 2.20 | 2.69 | 2.87 | 2.93 | 2.86 | 3.06 | 3.45 | 3.26 | 2.84 | 2.47 | 2.42 | 2.17 | 1.74 |
| | -2.21 | -0.71 | 0.00 | -2.04 | -1.20 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | 0.00 | -0.41 | -0.45 | -2.75 | -5.00 | -0.50 | -0.01 | -0.59 | -0.64 | -1.48 | -1.60 | -1.92 |
| ADK HUDSON___FALLS | 18.25 | 16.01 | 13.65 | 14.44 | 13.13 | 12.55 | 12.41 | 13.90 | 15.32 | 16.44 | 17.31 | 18.56 | 22.36 | 23.87 | 24.40 | 23.29 | 25.39 | 28.31 | 28.19 | 25.01 | 23.02 | 21.99 | 19.97 | 19.15 |
| 24011 | 1.51 | 1.39 | 1.23 | 1.05 | 1.04 | 0.94 | 1.10 | 1.23 | 1.48 | 1.72 | 1.74 | 1.68 | 1.96 | 2.19 | 2.03 | 1.84 | 2.24 | 2.53 | 2.86 | 2.53 | 2.57 | 2.53 | 2.19 | 1.76 |
| | -3.05 | -0.98 | 0.00 | -2.81 | -1.66 | -2.44 | -0.39 | 0.00 | 0.00 | 0.00 | -0.01 | -0.06 | -0.21 | -0.26 | -0.32 | -0.26 | -0.33 | -0.44 | -0.41 | -0.81 | -0.65 | -0.25 | -0.09 | -2.62 |
| ADK RESOURCE___RCVRY | 18.34 | 16.09 | 13.71 | 14.49 | 13.19 | 12.59 | 12.47 | 13.97 | 15.40 | 16.54 | 17.42 | 18.64 | 22.48 | 24.00 | 24.51 | 23.37 | 25.53 | 28.46 | 28.37 | 25.16 | 23.18 | 22.14 | 20.11 | 19.28 |
| 23798 | 1.59 | 1.47 | 1.29 | 1.10 | 1.10 | 0.98 | 1.16 | 1.31 | 1.56 | 1.82 | 1.85 | 1.77 | 2.08 | 2.31 | 2.14 | 1.93 | 2.37 | 2.68 | 3.04 | 2.69 | 2.73 | 2.69 | 2.33 | 1.88 |
| | -3.05 | -0.98 | 0.00 | -2.82 | -1.66 | -2.45 | -0.39 | 0.00 | 0.00 | 0.00 | -0.01 | -0.06 | -0.21 | -0.26 | -0.32 | -0.26 | -0.33 | -0.44 | -0.41 | -0.82 | -0.65 | -0.25 | -0.09 | -2.63 |
| ADK S GLENS___FALLS | 18.25 | 16.01 | 13.65 | 14.44 | 13.13 | 12.55 | 12.41 | 13.90 | 15.32 | 16.44 | 17.31 | 18.56 | 22.36 | 23.87 | 24.40 | 23.29 | 25.39 | 28.31 | 28.19 | 25.01 | 23.02 | 21.99 | 19.97 | 19.15 |
| 24028 | 1.51 | 1.39 | 1.23 | 1.05 | 1.04 | 0.94 | 1.10 | 1.23 | 1.48 | 1.72 | 1.74 | 1.68 | 1.96 | 2.19 | 2.03 | 1.84 | 2.24 | 2.53 | 2.86 | 2.53 | 2.57 | 2.53 | 2.19 | 1.76 |
| | -3.05 | -0.98 | 0.00 | -2.81 | -1.66 | -2.44 | -0.39 | 0.00 | 0.00 | 0.00 | -0.01 | -0.06 | -0.21 | -0.26 | -0.32 | -0.26 | -0.33 | -0.44 | -0.41 | -0.81 | -0.65 | -0.25 | -0.09 | -2.62 |
| ADK_NYS___DAM | 17.75 | 15.68 | 13.41 | 14.12 | 12.86 | 12.26 | 12.19 | 13.63 | 14.98 | 16.03 | 16.98 | 18.39 | 22.06 | 23.50 | 24.12 | 23.38 | 26.14 | 28.06 | 27.58 | 24.47 | 22.28 | 21.23 | 19.41 | 18.57 |
| 23527 | 1.14 | 1.10 | 0.99 | 0.85 | 0.84 | 0.75 | 0.90 | 0.96 | 1.14 | 1.31 | 1.42 | 1.53 | 1.70 | 1.86 | 1.81 | 1.80 | 2.01 | 2.25 | 2.32 | 2.06 | 1.88 | 1.80 | 1.65 | 1.28 |
| | -2.92 | -0.94 | 0.00 | -2.69 | -1.59 | -2.34 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.05 | -0.17 | -0.22 | -0.27 | -0.39 | -1.31 | -0.47 | -0.34 | -0.75 | -0.60 | -0.22 | -0.08 | -2.51 |
| AIR_PRODUCTS___DRP | 17.31 | 15.27 | 13.05 | 13.78 | 12.54 | 11.94 | 11.80 | 13.20 | 14.46 | 15.44 | 16.34 | 17.65 | 21.25 | 22.62 | 23.22 | 22.30 | 24.11 | 26.84 | 26.41 | 23.43 | 21.36 | 20.38 | 18.62 | 17.92 |
| 24190 | 0.74 | 0.71 | 0.63 | 0.55 | 0.54 | 0.48 | 0.51 | 0.53 | 0.62 | 0.72 | 0.78 | 0.79 | 0.91 | 1.01 | 0.95 | 0.93 | 1.05 | 1.19 | 1.20 | 1.06 | 0.99 | 0.98 | 0.87 | 0.68 |
| | -2.87 | -0.92 | 0.00 | -2.65 | -1.56 | -2.30 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.04 | -0.15 | -0.19 | -0.23 | -0.18 | -0.23 | -0.31 | -0.29 | -0.71 | -0.57 | -0.20 | -0.07 | -2.47 |
| ALBANY___1 | 17.31 | 15.27 | 13.05 | 13.78 | 12.54 | 11.94 | 11.80 | 13.20 | 14.46 | 15.44 | 16.34 | 17.65 | 21.25 | 22.62 | 23.22 | 22.30 | 24.11 | 26.84 | 26.41 | 23.43 | 21.36 | 20.38 | 18.62 | 17.92 |
| 23571 | 0.74 | 0.71 | 0.63 | 0.55 | 0.54 | 0.48 | 0.51 | 0.53 | 0.62 | 0.72 | 0.78 | 0.79 | 0.91 | 1.01 | 0.95 | 0.93 | 1.05 | 1.19 | 1.20 | 1.06 | 0.99 | 0.98 | 0.87 | 0.68 |
| | -2.87 | -0.92 | 0.00 | -2.65 | -1.56 | -2.30 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.04 | -0.15 | -0.19 | -0.23 | -0.18 | -0.23 | -0.31 | -0.29 | -0.71 | -0.57 | -0.20 | -0.07 | -2.47 |
| ALBANY___2 | 17.31 | 15.27 | 13.05 | 13.78 | 12.54 | 11.94 | 11.80 | 13.20 | 14.46 | 15.44 | 16.34 | 17.65 | 21.25 | 22.62 | 23.22 | 22.30 | 24.11 | 26.84 | 26.41 | 23.43 | 21.36 | 20.38 | 18.62 | 17.92 |
| 23572 | 0.74 | 0.71 | 0.63 | 0.55 | 0.54 | 0.48 | 0.51 | 0.53 | 0.62 | 0.72 | 0.78 | 0.79 | 0.91 | 1.01 | 0.95 | 0.93 | 1.05 | 1.19 | 1.20 | 1.06 | 0.99 | 0.98 | 0.87 | 0.68 |
| | -2.87 | -0.92 | 0.00 | -2.65 | -1.56 | -2.30 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.04 | -0.15 | -0.19 | -0.23 | -0.18 | -0.23 | -0.31 | -0.29 | -0.71 | -0.57 | -0.20 | -0.07 | -2.47 |
| ALBANY___3 | 17.31 | 15.27 | 13.05 | 13.78 | 12.54 | 11.94 | 11.80 | 13.20 | 14.46 | 15.44 | 16.34 | 17.65 | 21.25 | 22.62 | 23.22 | 22.30 | 24.11 | 26.84 | 26.41 | 23.43 | 21.36 | 20.38 | 18.62 | 17.92 |
| 23573 | 0.74 | 0.71 | 0.63 | 0.55 | 0.54 | 0.48 | 0.51 | 0.53 | 0.62 | 0.72 | 0.78 | 0.79 | 0.91 | 1.01 | 0.95 | 0.93 | 1.05 | 1.19 | 1.20 | 1.06 | 0.99 | 0.98 | 0.87 | 0.68 |
| | -2.87 | -0.92 | 0.00 | -2.65 | -1.56 | -2.30 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.04 | -0.15 | -0.19 | -0.23 | -0.18 | -0.23 | -0.31 | -0.29 | -0.71 | -0.57 | -0.20 | -0.07 | -2.47 |
| ALBANY___4 | 17.31 | 15.27 | 13.05 | 13.78 | 12.54 | 11.94 | 11.80 | 13.20 | 14.46 | 15.44 | 16.34 | 17.65 | 21.25 | 22.62 | 23.22 | 22.30 | 24.11 | 26.84 | 26.41 | 23.43 | 21.36 | 20.38 | 18.62 | 17.92 |
| 23574 | 0.74 | 0.71 | 0.63 | 0.55 | 0.54 | 0.48 | 0.51 | 0.53 | 0.62 | 0.72 | 0.78 | 0.79 | 0.91 | 1.01 | 0.95 | 0.93 | 1.05 | 1.19 | 1.20 | 1.06 | 0.99 | 0.98 | 0.87 | 0.68 |
| | -2.87 | -0.92 | 0.00 | -2.65 | -1.56 | -2.30 | -0.37 | 0.00 | 0.00 | 0.00 | -0.01 | -0.04 | -0.15 | -0.19 | -0.23 | -0.18 | -0.23 | -0.31 | -0.29 | -0.71 | -0.57 | -0.20 | -0.07 | -2.47 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 17.51 0.89 -2.93 | 15.43 0.85 -0.94 | 13.17 0.76 0.00 | 13.92 0.65 -2.70 | 12.67 0.65 -1.59 | 12.08 0.57 -2.35 | 11.93 0.63 -0.38 | 13.34 0.67 0.00 | 14.63 0.79 0.00 | 15.64 0.93 0.00 | 16.56 1.00 -0.01 | 17.87 1.01 -0.05 | 21.53 1.17 -0.16 | 22.92 1.29 -0.21 | 23.54 1.23 -0.26 | 22.58 1.19 -0.21 | 24.46 1.37 -0.26 | 27.21 1.52 -0.35 | 26.82 1.57 -0.33 | 23.79 1.39 -0.74 | 21.70 1.31 -0.59 | 20.68 1.27 -0.21 | 18.89 1.13 -0.07 | 18.18 0.89 -2.52 |
| ALCOA_RYNLDS___DRP 24188 | 13.16 -0.53 0.00 | 13.19 -0.45 0.00 | 12.03 -0.38 0.00 | 10.24 -0.34 0.00 | 10.12 -0.31 0.00 | 8.90 -0.27 0.00 | 10.56 -0.36 0.00 | 12.26 -0.41 0.00 | 13.30 -0.54 0.00 | 14.13 -0.59 0.00 | 14.58 -0.70 0.28 | 14.83 -0.76 1.23 | 14.75 -0.93 4.51 | 14.69 -0.99 5.74 | 13.97 -1.01 7.06 | 14.60 -0.93 5.66 | 14.58 -1.03 7.22 | 14.72 -1.14 9.61 | 14.80 -1.17 9.02 | 14.86 -1.04 5.82 | 14.86 -0.91 4.02 | 14.82 -0.86 3.52 | 14.86 -0.78 2.05 | 14.18 -0.59 0.00 |
| ALCOA___DSASP 323711 | 13.16 -0.53 0.00 | 13.19 -0.45 0.00 | 12.03 -0.38 0.00 | 10.24 -0.34 0.00 | 10.12 -0.31 0.00 | 8.90 -0.27 0.00 | 10.56 -0.36 0.00 | 12.26 -0.41 0.00 | 13.30 -0.54 0.00 | 14.13 -0.59 0.00 | 14.58 -0.70 0.28 | 14.83 -0.76 1.23 | 14.75 -0.93 4.51 | 14.69 -0.99 5.74 | 13.97 -1.01 7.06 | 14.60 -0.93 5.66 | 14.58 -1.03 7.22 | 14.72 -1.14 9.61 | 14.80 -1.17 9.02 | 14.86 -1.04 5.82 | 14.86 -0.91 4.02 | 14.82 -0.86 3.52 | 14.86 -0.78 2.05 | 14.18 -0.59 0.00 |
| ALLEGHENY___COGEN 23514 | 14.32 0.23 -0.39 | 13.79 0.03 -0.12 | 12.40 -0.01 0.00 | 10.89 -0.04 -0.36 | 10.60 -0.04 -0.21 | 9.43 -0.05 -0.31 | 10.96 -0.01 -0.05 | 13.19 0.14 -0.38 | 16.34 0.32 -2.18 | 17.65 0.50 -2.43 | 19.83 0.67 -3.60 | 21.33 0.55 -3.96 | 27.69 0.75 -6.75 | 29.93 0.71 -7.80 | 31.60 0.93 -8.63 | 23.00 0.64 -1.18 | 24.91 0.82 -1.26 | 27.22 0.81 -1.07 | 26.32 0.95 -0.46 | 22.60 0.78 -0.16 | 20.39 0.53 -0.06 | 19.75 0.52 -0.03 | 18.14 0.46 0.00 | 15.43 0.32 -0.34 |
| ALTONA_WT_PWR 323606 | 13.05 -0.64 0.00 | 13.08 -0.56 0.00 | 11.94 -0.47 0.00 | 10.17 -0.40 0.00 | 10.08 -0.35 0.00 | 8.89 -0.27 0.00 | 10.58 -0.34 0.00 | 12.33 -0.34 0.00 | 13.38 -0.46 0.00 | 14.26 -0.46 0.00 | 14.71 -0.56 0.29 | 14.95 -0.59 1.28 | 14.75 -0.77 4.68 | 14.66 -0.81 5.95 | 13.90 -0.84 7.31 | 14.56 -0.76 5.86 | 14.57 -0.78 7.48 | 14.54 -0.84 9.96 | 14.82 -0.75 9.35 | 14.98 -0.65 6.03 | 15.02 -0.61 4.17 | 14.90 -0.65 3.65 | 14.93 -0.64 2.12 | 14.24 -0.53 0.00 |
| AMERICAN_REF_FUEL 24010 | 13.16 -0.89 -0.36 | 12.69 -1.06 -0.11 | 11.42 -0.99 0.00 | 10.05 -0.86 -0.33 | 9.81 -0.81 -0.19 | 8.71 -0.74 -0.29 | 10.03 -0.93 -0.04 | 10.88 -0.95 0.84 | 8.28 -0.90 4.67 | 8.87 -0.65 5.20 | 7.30 -0.56 7.70 | 7.49 -0.88 8.45 | 5.14 -0.67 14.39 | 0.65 -0.88 19.89 | 1.82 -0.46 19.77 | 11.49 -1.27 8.43 | 12.59 -1.21 9.02 | 13.81 -1.39 10.13 | 18.77 -1.45 4.71 | 19.52 -1.21 0.93 | 18.37 -1.43 0.00 | 17.71 -1.23 0.26 | 16.41 -1.24 0.04 | 14.02 -1.06 -0.31 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 13.80 -0.30 -0.40 | 13.27 -0.50 -0.13 | 11.92 -0.50 0.00 | 10.52 -0.42 -0.37 | 10.27 -0.39 -0.22 | 9.11 -0.38 -0.32 | 10.55 -0.41 -0.05 | 14.33 -0.39 -2.06 | 25.19 -0.33 -11.68 | 27.70 -0.03 -13.01 | 34.92 0.08 -19.29 | 37.81 -0.18 -21.18 | 56.33 0.02 -36.11 | 63.46 -0.13 -42.17 | 68.70 0.29 -46.37 | 34.52 -0.42 -13.76 | 37.26 -0.30 -14.73 | 40.52 -0.20 -15.38 | 31.69 -0.17 -6.95 | 23.07 -0.09 -1.50 | 19.55 -0.36 -0.11 | 19.42 -0.15 -0.38 | 17.50 -0.21 -0.03 | 14.88 -0.24 -0.35 |
| ARTHUR_KILL_GT_1 23520 | 17.41 1.49 -2.22 | 15.85 1.49 -0.72 | 13.78 1.35 -0.01 | 13.80 1.17 -2.05 | 12.78 1.14 -1.21 | 11.89 0.94 -1.78 | 12.28 1.07 -0.29 | 13.85 1.18 -0.01 | 15.45 1.41 -0.19 | 17.36 1.66 -0.98 | 19.27 1.87 -1.84 | 21.58 2.22 -2.54 | 26.00 2.75 -3.06 | 26.00 2.94 -1.65 | 26.87 3.04 -1.78 | 28.72 2.99 -4.55 | 31.01 3.20 -4.99 | 29.40 3.57 -0.49 | 29.19 3.41 -0.86 | 26.29 2.92 -1.71 | 26.00 2.53 -3.67 | 26.00 2.48 -4.32 | 21.44 2.17 -1.58 | 18.57 1.86 -1.93 |
| ARTHUR_KILL_2 23512 | 17.37 1.45 -2.22 | 15.80 1.45 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.87 0.92 -1.78 | 12.26 1.05 -0.29 | 13.83 1.15 -0.01 | 15.42 1.38 -0.19 | 17.31 1.62 -0.98 | 19.22 1.82 -1.84 | 21.53 2.17 -2.54 | 25.94 2.69 -3.06 | 25.94 2.87 -1.65 | 26.80 2.98 -1.78 | 28.66 2.92 -4.55 | 30.92 3.10 -4.99 | 29.30 3.47 -0.49 | 29.09 3.31 -0.86 | 26.23 2.86 -1.71 | 25.94 2.47 -3.67 | 25.94 2.42 -4.32 | 21.41 2.14 -1.58 | 18.52 1.82 -1.93 |
| ARTHUR_KILL_3 23513 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.41 1.71 -0.98 | 19.27 1.87 -1.85 | 21.54 2.17 -2.55 | 25.95 2.69 -3.07 | 25.93 2.85 -1.65 | 26.70 2.86 -1.79 | 28.54 2.80 -4.55 | 30.84 3.01 -5.00 | 29.21 3.37 -0.50 | 28.97 3.19 -0.87 | 26.17 2.80 -1.72 | 25.93 2.45 -3.68 | 25.93 2.40 -4.33 | 21.44 2.17 -1.58 | 18.41 1.71 -1.93 |
| ARTHUR_KILL_COGEN 323718 | 17.41 1.49 -2.22 | 15.85 1.49 -0.72 | 13.78 1.35 -0.01 | 13.80 1.17 -2.05 | 12.78 1.14 -1.21 | 11.89 0.94 -1.78 | 12.28 1.07 -0.29 | 13.85 1.18 -0.01 | 15.45 1.41 -0.19 | 17.36 1.66 -0.98 | 19.27 1.87 -1.84 | 21.58 2.22 -2.54 | 26.00 2.75 -3.06 | 26.00 2.94 -1.65 | 26.87 3.04 -1.78 | 28.72 2.99 -4.55 | 31.01 3.20 -4.99 | 29.40 3.57 -0.49 | 29.19 3.41 -0.86 | 26.29 2.92 -1.71 | 26.00 2.53 -3.67 | 26.00 2.48 -4.32 | 21.44 2.17 -1.58 | 18.57 1.86 -1.93 |
| ASHOKAN____ 23654 | 17.25 1.19 -2.36 | 15.52 1.12 -0.76 | 13.38 0.97 0.00 | 13.59 0.84 -2.18 | 12.51 0.79 -1.29 | 11.69 0.62 -1.90 | 11.95 0.73 -0.30 | 13.45 0.79 0.00 | 14.73 0.89 0.00 | 15.78 1.06 0.00 | 16.79 1.23 0.00 | 17.91 1.09 0.00 | 21.69 1.49 0.00 | 23.10 1.67 0.00 | 23.57 1.52 0.00 | 22.76 1.57 0.00 | 24.77 1.94 0.00 | 27.57 2.23 0.00 | 27.13 2.22 0.00 | 23.80 1.71 -0.43 | 22.26 2.10 -0.36 | 21.23 1.96 -0.07 | 19.52 1.84 0.00 | 18.29 1.48 -2.04 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.93 0.98 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.52 1.48 -0.19 | 17.40 1.71 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.71 2.89 -0.39 | 25.46 2.98 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.09 2.44 -1.45 | 21.45 2.19 -1.57 | 18.45 1.76 -1.91 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.78 1.14 -1.21 | 11.93 0.98 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.52 1.48 -0.19 | 17.40 1.71 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.71 2.89 -0.39 | 25.46 2.98 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.09 2.44 -1.45 | 21.45 2.19 -1.57 | 18.45 1.76 -1.91 |
| ASTORIA_GT2_I 24094 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT2_2 24095 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT2_3 24096 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT2_4 24097 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT3_1 24098 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT3_2 24099 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT3_3 24100 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT3_4 24101 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA_GT4_1 24102 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0 | | | | | | | | | | | | | | | | | | | | | |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT_13 24227 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.90 0.95 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.44 2.16 -1.60 | 18.45 1.76 -1.92 |
| ASTORIA_GT_5 24106 | 17.43 1.51 -2.22 | 15.86 1.50 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.81 1.17 -1.21 | 11.95 1.00 -1.78 | 12.37 1.16 -0.29 | 13.98 1.31 -0.01 | 15.56 1.52 -0.19 | 17.44 1.75 -0.98 | 19.33 1.93 -1.84 | 21.62 2.27 -2.53 | 22.97 2.79 0.01 | 24.79 2.98 -0.39 | 25.52 3.04 -0.43 | 26.84 2.94 -2.71 | 30.88 3.06 -4.99 | 29.25 3.42 -0.49 | 28.24 3.31 -0.01 | 25.17 2.92 -0.58 | 22.98 2.55 -0.62 | 23.15 2.50 -1.45 | 21.50 2.25 -1.57 | 18.49 1.80 -1.91 |
| ASTORIA_GT_7 24107 | 17.43 1.51 -2.22 | 15.86 1.50 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.81 1.17 -1.21 | 11.95 1.00 -1.78 | 12.37 1.16 -0.29 | 13.98 1.31 -0.01 | 15.56 1.52 -0.19 | 17.44 1.75 -0.98 | 19.33 1.93 -1.84 | 21.62 2.27 -2.53 | 22.97 2.79 0.01 | 24.79 2.98 -0.39 | 25.52 3.04 -0.43 | 26.84 2.94 -2.71 | 30.88 3.06 -4.99 | 29.25 3.42 -0.49 | 28.24 3.31 -0.01 | 25.17 2.92 -0.58 | 22.98 2.55 -0.62 | 23.15 2.50 -1.45 | 21.50 2.25 -1.57 | 18.49 1.80 -1.91 |
| ASTORIA_GT_8 24108 | 17.43 1.51 -2.22 | 15.86 1.50 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.81 1.17 -1.21 | 11.95 1.00 -1.78 | 12.37 1.16 -0.29 | 13.98 1.31 -0.01 | 15.56 1.52 -0.19 | 17.44 1.75 -0.98 | 19.33 1.93 -1.84 | 21.62 2.27 -2.53 | 22.97 2.79 0.01 | 24.79 2.98 -0.39 | 25.52 3.04 -0.43 | 26.84 2.94 -2.71 | 30.88 3.06 -4.99 | 29.25 3.42 -0.49 | 28.24 3.31 -0.01 | 25.17 2.92 -0.58 | 22.98 2.55 -0.62 | 23.15 2.50 -1.45 | 21.50 2.25 -1.57 | 18.49 1.80 -1.91 |
| ASTORIA___2 24149 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA___3 23516 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.90 0.95 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.44 2.16 -1.60 | 18.45 1.76 -1.92 |
| ASTORIA___4 23517 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.79 1.37 -0.01 | 13.80 1.17 -2.05 | 12.79 1.15 -1.21 | 11.94 0.99 -1.78 | 12.35 1.14 -0.29 | 13.96 1.28 -0.01 | 15.53 1.50 -0.19 | 17.41 1.72 -0.98 | 19.28 1.88 -1.84 | 21.57 2.22 -2.53 | 22.91 2.73 0.01 | 24.73 2.91 -0.39 | 25.48 3.00 -0.43 | 26.78 2.88 -2.71 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.16 3.24 -0.01 | 25.10 2.86 -0.58 | 22.92 2.49 -0.62 | 23.11 2.46 -1.45 | 21.45 2.19 -1.57 | 18.46 1.77 -1.91 |
| ASTORIA___5 23518 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.76 1.13 -2.05 | 12.76 1.12 -1.21 | 11.90 0.95 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.44 2.16 -1.60 | 18.45 1.76 -1.92 |
| AST_ENERGY_2_CC3 323677 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.94 1.25 -0.02 | 15.50 1.45 -0.20 | 17.38 1.68 -0.98 | 19.24 1.83 -1.85 | 21.51 2.15 -2.54 | 22.82 2.62 0.00 | 24.63 2.81 -0.40 | 25.35 2.86 -0.44 | 26.70 2.80 -2.72 | 30.84 3.01 -5.00 | 29.21 3.37 -0.50 | 28.14 3.22 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.02 2.36 -1.46 | 21.38 2.12 -1.58 | 18.39 1.70 -1.92 |
| AST_ENERGY_2_CC4 323678 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.94 1.25 -0.02 | 15.50 1.45 -0.20 | 17.38 1.68 -0.98 | 19.24 1.83 -1.85 | 21.51 2.15 -2.54 | 22.82 2.62 0.00 | 24.63 2.81 -0.40 | 25.35 2.86 -0.44 | 26.70 2.80 -2.72 | 30.84 3.01 -5.00 | 29.21 3.37 -0.50 | 28.14 3.22 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.02 2.36 -1.46 | 21.38 2.12 -1.58 | 18.39 1.70 -1.92 |
| ATHENS_STG_1 23668 | 16.97 0.81 -2.47 | 15.22 0.79 -0.79 | 13.12 0.71 0.00 | 13.47 0.61 -2.28 | 12.38 0.60 -1.34 | 11.67 0.52 -1.98 | 11.87 0.63 -0.32 | 13.34 0.67 0.00 | 14.66 0.82 0.00 | 15.66 0.94 0.00 | 16.60 1.04 0.00 | 18.01 1.19 0.00 | 21.63 1.43 0.00 | 22.97 1.54 0.00 | 23.57 1.52 0.00 | 22.93 1.50 -0.24 | 25.83 1.62 -1.38 | 27.27 1.80 -0.14 | 26.66 1.74 0.00 | 23.64 1.54 -0.45 | 21.54 1.37 -0.38 | 20.62 1.34 -0.07 | 18.90 1.22 0.00 | 17.86 0.96 -2.12 |
| ATHENS_STG_2 23670 | 16.97 0.81 -2.47 | 15.22 0.79 -0.79 | 13.12 0.71 0.00 | 13.47 0.61 -2.28 | 12.38 0.60 -1.34 | 11.67 0.52 -1.98 | 11.87 0.63 -0.32 | 13.34 0.67 0.00 | 14.66 0.82 0.00 | 15.66 0.94 0.00 | 16.60 1.04 0.00 | 18.01 1.19 0.00 | 21.63 1.43 0.00 | 22.97 1.54 0.00 | 23.57 1.52 0.00 | 22.93 1.50 -0.24 | 25.83 1.62 -1.38 | 27.27 1.80 -0.14 | 26.66 1.74 0.00 | 23.64 1.54 -0.45 | 21.54 1.37 -0.38 | 20.62 1.34 -0.07 | 18.90 1.22 0.00 | 17.86 0.96 -2.12 |
| ATHENS_STG_3 23677 | 16.97 0.81 -2.47 | 15.22 0.79 -0.79 | 13.12 0.71 0.00 | 13.47 0.61 -2.28 | 12.38 0.60 -1.34 | 11.67 0.52 -1.98 | 11.87 0.63 -0.32 | 13.34 0.67 0.00 | 14.66 0.82 0.00 | 15.66 0.94 0.00 | 16.60 1.04 0.00 | 18.01 1.19 0.00 | 21.63 1.43 0.00 | 22.97 1.54 0.00 | 23.57 1.52 0.00 | 22.93 1.50 -0.24 | 25.83 1.62 -1.38 | 27.27 1.80 -0.14 | 26.66 1.74 0.00 | 23.64 1.54 -0.45 | 21.54 1.37 -0.38 | 20.62 1.34 -0.07 | 18.90 1.22 0.00 | 17.86 0.96 -2.12 |
| AUBURN___LFGE 323710 | 14.12 0.14 -0.28 | 13.75 0.01 -0.09 | 12.42 0.00 0.00 | 10.84 0.00 -0.26 | 10.57 -0.02 -0.15 | 9.37 -0.03 -0.23 | 10.97 0.01 -0.04 | 12.78 0.11 0.00 | 14.05 0.21 0.00 | 14.91 0.19 0.00 | 15.84 0.28 0.00 | 17.05 0.24 0.00 | 20.50 0.30 0.00 | 21.72 0.30 0.00 | 22.44 0.40 0.00 | 21.55 0.36 0.00 | 23.19 0.36 0.00 | 25.77 0.43 0.00 | 25.34 0.42 0.00 | 21.97 0.26 -0.05 | 20.10 0.26 -0.04 | 19.46 0.25 -0.01 | 17.91 0.23 0.00 | 15.20 0.18 -0.24 |
| BABYLON_RES_REC 323704 | 20.71 1.78 -5.24 | 17.19 1.77 -1.77 | 14.42 1.60 -0.40 | 13.93 1.31 -2.05 | 12.88 1.24 -1.20 | 12.09 1.15 -1.78 | 12.83 1.39 -0.53 | 15.44 1.57 -1.20 | 18.50 1.79 -2.87 | 21.28 2.02 -4.54 | 21.35 2.13 -3.66 | 22.10 2.29 -3.00 | 23.89 2.77 -0.92 | 25.31 2.89 -0.99 | 26.74 3.04 -1.65 | 29.33 2.94 -5.20 | 32.80 3.06 -6.92 | 35.39 3.50 -6.55 | 29.20 3.51 -0.77 | 26.11 3.01 -1.44 | 24.34 2.63 -1.91 | 22.88 2.57 -1.10 | 22.50 2.37 -2.44 | 21.94 1.92 -5.25 |

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|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|
| BARRETT_IC_1 23704 | 48.81 1.55 -33.56 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.62 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.05 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 62.99 3.34 -34.31 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.27 2.26 -25.32 | 53.14 1.83 -36.54 |
| BARRETT_IC_10 23701 | 48.81 1.55 -33.57 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.63 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.06 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 63.00 3.34 -34.32 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.28 2.26 -25.33 | 53.15 1.83 -36.55 |
| BARRETT_IC_11 23702 | 48.81 1.55 -33.57 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.63 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.06 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 63.00 3.34 -34.32 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.28 2.26 -25.33 | 53.15 1.83 -36.55 |
| BARRETT_IC_12 23703 | 48.81 1.55 -33.57 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.63 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.06 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 63.00 3.34 -34.32 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.28 2.26 -25.33 | 53.15 1.83 -36.55 |
| BARRETT_IC_2 23705 | 48.81 1.55 -33.56 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.62 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.05 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 62.99 3.34 -34.31 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.27 2.26 -25.32 | 53.14 1.83 -36.54 |
| BARRETT_IC_3 23706 | 48.81 1.55 -33.56 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.62 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.05 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 62.99 3.34 -34.31 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.27 2.26 -25.32 | 53.14 1.83 -36.54 |
| BARRETT_IC_4 23707 | 48.81 1.55 -33.56 | 25.22 1.54 -10.04 | 18.01 1.40 -4.19 | 13.86 1.17 -2.11 | 12.83 1.13 -1.27 | 11.99 1.04 -1.78 | 12.76 1.26 -0.59 | 20.66 1.37 -6.62 | 25.98 1.55 -10.59 | 27.01 1.75 -10.54 | 23.01 1.83 -5.62 | 24.78 2.12 -5.84 | 32.47 2.62 -9.65 | 34.59 2.81 -10.36 | 42.05 2.89 -17.12 | 45.69 2.73 -21.77 | 44.71 3.01 -18.87 | 62.99 3.34 -34.31 | 32.33 3.19 -4.22 | 30.72 2.77 -6.29 | 31.25 2.41 -9.04 | 25.50 2.34 -3.96 | 45.27 2.26 -25.32 | 53.14 1.83 -36.54</ |

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|-----------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG2 323683 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG3 323684 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG4 323685 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG5 323686 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG6 323687 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG7 323688 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG8 323689 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BAYONEEC___CTG9 323749 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| BEACON___LESR 323632 | 17.47 0.92 -2.86 | 15.43 0.87 -0.92 | 13.19 0.77 0.00 | 13.87 0.66 -2.64 | 12.65 0.66 -1.55 | 12.05 0.59 -2.29 | 11.94 0.66 -0.37 | 13.36 0.70 0.00 | 14.67 0.83 0.00 | 15.70 0.99 0.00 | 16.62 1.06 -0.01 | 17.93 1.08 -0.04 | 21.57 1.23 -0.15 | 22.98 1.37 -0.19 | 23.58 1.30 -0.23 | 22.62 1.25 -0.18 | 24.50 1.44 -0.23 | 27.25 1.60 -0.31 | 26.83 1.62 -0.29 | 23.79 1.43 -0.70 | 21.73 1.37 -0.57 | 20.74 1.34 -0.20 | 18.94 1.19 -0.07 | 18.18 0.95 -2.46 |
| BEAVER RIVER___HYD 24048 | 13.88 0.14 -0.05 | 13.76 0.11 -0.01 | 12.51 0.10 0.00 | 10.67 0.05 -0.04 | 10.50 0.04 -0.02 | 9.26 0.06 -0.04 | 10.99 0.07 -0.01 | 12.81 0.14 0.00 | 14.09 0.25 0.00 | 15.00 0.28 0.00 | 15.71 0.23 0.08 | 16.67 0.20 0.35 | 19.15 0.24 1.28 | 19.94 0.15 1.63 | 20.19 0.16 2.01 | 19.73 0.15 1.61 | 20.61 -0.16 2.06 | 22.42 -0.18 2.74 | 22.37 0.02 2.57 | 20.01 0.00 1.65 | 19.04 0.38 1.14 | 18.59 0.38 1.00 | 17.44 0.34 0.58 | 15.06 0.25 -0.04 |
| BEEBEE_GT_13 23619 | 13.73 -0.25 -0.28 | 13.33 -0.40 -0.09 | 12.03 -0.38 0.00 | 10.48 -0.35 -0.26 | 10.25 -0.33 -0.15 | 9.08 -0.31 -0.22 | 10.59 -0.36 -0.03 | 12.30 -0.37 0.00 | 13.59 -0.25 0.00 | 14.60 -0.12 0.00 | 15.56 0.00 0.00 | 16.67 -0.15 0.00 | 20.11 -0.08 0.00 | 21.63 -0.15 -0.36 | 22.20 0.00 -0.15 | 20.68 -0.30 0.21 | 22.42 -0.18 0.22 | 24.78 -0.30 0.25 | 24.69 -0.15 0.08 | 21.50 -0.20 -0.03 | 19.52 -0.32 -0.04 | 18.92 -0.29 0.00 | 17.40 -0.28 0.00 | 14.76 -0.25 -0.24 |
| BETHLEHEM___GRP 23843 | 17.31 0.74 -2.87 | 15.27 0.71 -0.92 | 13.05 0.63 0.00 | 13.78 0.55 -2.65 | 12.54 0.54 -1.56 | 11.94 0.48 -2.30 | 11.80 0.51 -0.37 | 13.20 0.53 0.00 | 14.46 0.62 0.00 | 15.44 0.72 0.00 | 16.34 0.78 -0.01 | 17.65 0.79 -0.04 | 21.25 0.91 -0.15 | 22.62 1.01 -0.19 | 23.22 0.95 -0.23 | 22.30 0.93 -0.18 | 24.11 1.05 -0.23 | 26.84 1.19 -0.31 | 26.41 1.20 -0.29 | 23.43 1.06 -0.71 | 21.36 0.99 -0.57 | 20.38 0.98 -0.20 | 18.62 0.87 -0.07 | 17.92 0.68 -2.47 |
| BETHLEHEM___GS1 323560 | 17.31 0.74 -2.87 | 15.27 0.71 -0.92 | 13.05 0.63 0.00 | 13.78 0.55 -2.65 | 12.54 0.54 -1.56 | 11.94 0.48 -2.30 | 11.80 0.51 -0.37 | 13.20 0.53 0.00 | 14.46 0.62 0.00 | 15.44 0.72 0.00 | 16.34 0.78 -0.01 | 17.65 0.79 -0.04 | 21.25 0.91 -0.15 | 22.62 1.01 -0.19 | 23.22 0.95 -0.23 | 22.30 0.93 -0.18 | 24.11 1.05 -0.23 | 26.84 1.19 -0.31 | 26.41 1.20 -0.29 | 23.43 1.06 -0.71 | 21.36 0.99 -0.57 | 20.38 0.98 -0.20 | 18.62 0.87 -0.07 | 17.92 0.68 -2.47 |
| BETHLEHEM___GS2 323561 | 17.31 0.74 -2.87 | 15.27 0.71 -0.92 | 13.05 0.63 0.00 | 13.78 0.55 -2.65 | 12.54 0.54 -1.56 | 11.94 0.48 -2.30 | 11.80 0.51 -0.37 | 13.20 0.53 0.00 | 14.46 0.62 0.00 | 15.44 0.72 0.00 | 16.34 0.78 -0.01 | 17.65 0.79 -0.04 | 21.25 0.91 -0.15 | 22.62 1.01 -0.19 | 23.22 0.95 -0.23 | 22.30 0.93 -0.18 | 24.11 1.05 -0.23 | 26.84 1.19 -0.31 | 26.41 1.20 -0.29 | 23.43 1.06 -0.71 | 21.36 0.99 -0.57 | 20.38 0.98 -0.20 | 18.62 0.87 -0.07 | 17.92 0.68 -2.47 |

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|---|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 17.31 0.74 -2.87 | 15.27 0.71 -0.92 | 13.05 0.63 0.00 | 13.78 0.55 -2.65 | 12.54 0.54 -1.56 | 11.94 0.48 -2.30 | 11.80 0.51 -0.37 | 13.20 0.53 0.00 | 14.46 0.62 0.00 | 15.44 0.72 0.00 | 16.34 0.78 -0.01 | 17.65 0.79 -0.04 | 21.25 0.91 -0.15 | 22.62 1.01 -0.19 | 23.22 0.95 -0.23 | 22.30 0.93 -0.18 | 24.11 1.05 -0.23 | 26.84 1.19 -0.31 | 26.41 1.20 -0.29 | 23.43 1.06 -0.71 | 21.36 0.99 -0.57 | 20.38 0.98 -0.20 | 18.62 0.87 -0.07 | 17.92 0.68 -2.47 |
| BETHLEHEM___STEEL 23779 | 13.72 -0.36 -0.38 | 13.23 -0.53 -0.12 | 11.88 -0.53 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.49 -0.48 -0.05 | 14.43 -0.46 -2.21 | 26.02 -0.37 -12.55 | 28.61 -0.09 -13.98 | 36.30 0.02 -20.73 | 39.33 -0.25 -22.76 | 59.07 0.06 -38.82 | 66.93 -0.11 -45.61 | 72.34 0.33 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.95 -0.38 -17.99 | 32.62 -0.40 -8.11 | 23.09 -0.30 -1.74 | 19.34 -0.57 -0.11 | 19.24 -0.40 -0.44 | 17.27 -0.44 -0.03 | 14.67 -0.43 -0.33 |
| BETHPAGE_CC_5 323564 | 21.27 1.74 -5.83 | 17.32 1.73 -1.95 | 14.46 1.56 -0.48 | 13.90 1.28 -2.05 | 12.86 1.22 -1.21 | 12.06 1.12 -1.78 | 12.81 1.36 -0.53 | 15.51 1.53 -1.31 | 18.63 1.76 -3.03 | 21.39 2.00 -4.67 | 21.34 2.09 -3.70 | 22.25 2.37 -3.06 | 24.21 2.91 -1.11 | 25.68 3.06 -1.19 | 27.15 3.13 -1.97 | 29.74 3.01 -5.55 | 33.24 3.24 -7.17 | 36.10 3.62 -7.14 | 29.27 3.51 -0.84 | 26.28 3.07 -1.54 | 24.53 2.67 -2.06 | 22.97 2.61 -1.16 | 23.01 2.40 -2.92 | 22.64 1.97 -5.90 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 13.84 -0.25 -0.39 | 13.33 -0.44 -0.12 | 11.97 -0.45 0.00 | 10.54 -0.39 -0.36 | 10.28 -0.37 -0.21 | 9.12 -0.36 -0.31 | 10.55 -0.41 -0.05 | 14.68 -0.37 -2.38 | 27.04 -0.26 -13.47 | 29.76 0.04 -15.00 | 37.95 0.16 -22.24 | 41.12 -0.12 -24.42 | 62.08 0.24 -41.64 | 71.13 0.09 -49.62 | 76.46 0.53 -53.88 | 37.75 -0.21 -16.78 | 40.70 -0.09 -17.97 | 44.51 -0.13 -19.30 | 33.50 -0.15 -8.73 | 23.44 -0.09 -1.87 | 19.54 -0.38 -0.12 | 19.45 -0.23 -0.47 | 17.43 -0.28 -0.03 | 14.81 -0.30 -0.33 |
| BINGHAMTON___COGEN 23790 | 14.65 0.23 -0.72 | 14.02 0.15 -0.23 | 12.53 0.11 0.00 | 11.32 0.08 -0.66 | 10.91 0.08 -0.39 | 9.81 0.06 -0.58 | 11.10 0.09 -0.09 | 12.87 0.16 -0.04 | 14.34 0.26 -0.23 | 15.30 0.32 -0.26 | 16.33 0.39 -0.38 | 17.61 0.37 -0.42 | 21.42 0.51 -0.72 | 22.44 0.51 -0.51 | 23.47 0.64 -0.79 | 22.23 0.49 -0.55 | 23.92 0.50 -0.59 | 26.39 0.58 -0.46 | 25.71 0.57 -0.22 | 22.33 0.50 -0.17 | 20.30 0.40 -0.11 | 19.66 0.42 -0.03 | 18.06 0.37 0.00 | 15.69 0.30 -0.62 |
| BLACK RIVER___HYD 24047 | 14.07 0.29 -0.09 | 13.89 0.22 -0.03 | 12.61 0.20 0.00 | 10.78 0.13 -0.08 | 10.59 0.10 -0.05 | 9.36 0.12 -0.07 | 11.09 0.16 -0.01 | 12.95 0.28 0.00 | 14.28 0.44 0.00 | 15.17 0.46 0.00 | 15.92 0.42 0.05 | 16.96 0.39 0.24 | 19.77 0.46 0.89 | 20.63 0.34 1.13 | 21.01 0.35 1.39 | 20.41 0.34 1.11 | 21.34 -0.07 1.42 | 23.42 -0.03 1.89 | 23.39 0.25 1.78 | 20.72 0.19 1.13 | 19.69 0.67 0.78 | 19.17 0.65 0.69 | 17.85 0.57 0.40 | 15.28 0.43 -0.08 |
| BLISS_WT_PWR 323608 | 13.87 -0.23 -0.41 | 13.35 -0.42 -0.13 | 11.98 -0.43 0.00 | 10.58 -0.37 -0.38 | 10.31 -0.34 -0.22 | 9.16 -0.34 -0.33 | 10.57 -0.39 -0.05 | 14.69 -0.29 -2.31 | 26.77 -0.15 -13.08 | 29.45 0.16 -14.57 | 37.44 0.28 -21.60 | 40.47 -0.07 -23.72 | 60.95 0.30 -40.45 | 69.86 0.13 -48.30 | 75.03 0.60 -52.38 | 35.17 -0.19 -14.18 | 37.94 -0.07 -15.18 | 41.49 -0.08 -16.22 | 32.23 -0.02 -7.34 | 23.27 0.02 -1.58 | 19.61 -0.30 -0.11 | 19.47 -0.13 -0.40 | 17.50 -0.21 -0.03 | 14.87 -0.25 -0.35 |
| BLUE_CIRC_CHEM_DRP 24182 | 17.25 0.74 -2.82 | 15.27 0.72 -0.90 | 13.06 0.65 0.00 | 13.73 0.55 -2.60 | 12.52 0.55 -1.53 | 11.91 0.49 -2.26 | 11.83 0.55 -0.36 | 13.24 0.57 0.00 | 14.52 0.68 0.00 | 15.51 0.79 0.00 | 16.41 0.86 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.70 1.37 0.00 | 26.29 1.37 0.00 | 23.38 1.21 -0.51 | 21.34 1.11 -0.43 | 20.38 1.09 -0.08 | 18.68 0.99 0.00 | 17.97 0.77 -2.42 |
| BOC_GAS_DRP 24189 | 17.23 0.68 -2.85 | 15.22 0.67 -0.92 | 13.02 0.61 0.00 | 13.73 0.52 -2.63 | 12.49 0.51 -1.55 | 11.90 0.45 -2.29 | 11.81 0.52 -0.37 | 13.21 0.54 0.00 | 14.49 0.65 0.00 | 15.48 0.76 0.00 | 16.38 0.82 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.68 1.34 0.00 | 26.24 1.32 0.00 | 23.36 1.19 -0.51 | 21.30 1.07 -0.44 | 20.32 1.04 -0.08 | 18.64 0.95 0.00 | 17.97 0.74 -2.45 |
| BORALEX_4TH_BRANCH 23824 | 17.75 1.14 -2.92 | 15.68 1.10 -0.94 | 13.41 0.99 0.00 | 14.12 0.85 -2.69 | 12.86 0.84 -1.59 | 12.26 0.75 -2.34 | 12.19 0.90 -0.37 | 13.63 0.96 0.00 | 14.98 1.14 0.00 | 16.03 1.31 0.00 | 16.98 1.42 -0.01 | 18.39 1.53 -0.05 | 22.06 1.70 -0.17 | 23.50 1.86 -0.22 | 24.12 1.81 -0.27 | 23.38 1.80 -0.39 | 26.14 2.01 -1.31 | 28.06 2.25 -0.47 | 27.58 2.32 -0.34 | 24.47 2.06 -0.75 | 22.28 1.88 -0.60 | 21.23 1.80 -0.22 | 19.41 1.65 -0.08 | 18.57 1.28 -2.51 |
| BOWLINE___1 23526 | 17.04 1.19 -2.15 | 15.49 1.16 -0.69 | 13.47 1.05 0.00 | 13.46 0.90 -1.99 | 12.48 0.88 -1.17 | 11.64 0.75 -1.72 | 12.12 0.93 -0.28 | 13.68 1.01 0.00 | 15.04 1.20 0.00 | 16.13 1.41 0.00 | 17.11 1.56 0.00 | 18.63 1.82 0.00 | 22.44 2.24 0.00 | 23.82 2.40 0.00 | 24.47 2.43 0.00 | 24.90 2.37 -1.34 | 33.04 2.53 -7.68 | 28.93 2.84 -0.76 | 27.63 2.72 0.00 | 24.39 2.34 -0.39 | 22.17 2.04 -0.33 | 21.28 2.02 -0.06 | 19.51 1.82 0.00 | 18.07 1.45 -1.85 |
| BOWLINE___2 23595 | 17.04 1.19 -2.15 | 15.49 1.16 -0.69 | 13.47 1.05 0.00 | 13.46 0.90 -1.99 | 12.48 0.88 -1.17 | 11.64 0.75 -1.73 | 12.12 0.93 -0.28 | 13.68 1.01 0.00 | 15.04 1.20 0.00 | 16.13 1.41 0.00 | 17.11 1.56 0.00 | 18.63 1.82 0.00 | 22.44 2.24 0.00 | 23.82 2.40 0.00 | 24.47 2.43 0.00 | 24.89 2.37 -1.33 | 33.00 2.53 -7.64 | 28.93 2.84 -0.76 | 27.63 2.72 0.00 | 24.39 2.34 -0.39 | 22.17 2.04 -0.33 | 21.28 2.02 -0.06 | 19.51 1.82 0.00 | 18.07 1.45 -1.85 |
| BROOKHAVEN___DRP 24191 | 18.94 1.81 -3.43 | 16.81 1.92 -1.25 | 14.33 1.76 -0.16 | 14.06 1.44 -2.04 | 13.00 1.37 -1.20 | 12.21 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.81 -0.85 | 18.16 1.94 -2.38 | 20.94 2.06 -4.16 | 21.36 2.27 -3.54 | 22.35 2.71 -2.82 | 23.75 3.19 -0.37 | 25.03 3.21 -0.40 | 26.22 3.51 -0.67 | 28.79 3.45 -4.15 | 32.52 3.54 -6.16 | 34.20 4.08 -4.78 | 29.63 4.16 -0.56 | 26.33 3.53 -1.14 | 24.35 3.09 -1.46 | 23.16 3.03 -0.92 | 21.34 2.67 -0.98 | 20.15 2.13 -3.25 |
| BROOKLYN_NAVY_YARD 23515 | 17.35 1.44 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.36 1.15 -0.29 | 13.94 1.25 -0.02 | 15.51 1.47 -0.20 | 17.39 1.69 -0.98 | 19.24 1.83 -1.85 | 21.51 2.15 -2.54 | 22.82 2.62 0.00 | 24.65 2.83 -0.40 | 25.38 2.89 -0.44 | 26.72 2.82 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.05 2.80 -0.59 | 22.85 2.41 -0.63 | 23.04 2.38 -1.46 | 21.44 2.17 -1.58 | 18.42 1.73 -1.92 |
| BROOKLYN___ARMY_DRP 323595 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |

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|----------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BROOME_2_LFGE 323671 | 14.65 0.23 -0.72 | 14.02 0.15 -0.23 | 12.53 0.11 0.00 | 11.32 0.08 -0.66 | 10.91 0.08 -0.39 | 9.81 0.06 -0.58 | 11.10 0.09 -0.09 | 12.87 0.16 -0.04 | 14.34 0.26 -0.23 | 15.30 0.32 -0.26 | 16.33 0.39 -0.38 | 17.61 0.37 -0.42 | 21.42 0.51 -0.72 | 22.44 0.51 -0.51 | 23.47 0.64 -0.79 | 22.23 0.49 -0.55 | 23.92 0.50 -0.59 | 26.39 0.58 -0.46 | 25.71 0.57 -0.22 | 22.33 0.50 -0.17 | 20.30 0.40 -0.11 | 19.66 0.42 -0.03 | 18.06 0.37 0.00 | 15.69 0.30 -0.62 |
| BROOME__LFGE 323600 | 14.65 0.23 -0.72 | 14.02 0.15 -0.23 | 12.53 0.11 0.00 | 11.32 0.08 -0.66 | 10.91 0.08 -0.39 | 9.81 0.06 -0.58 | 11.10 0.09 -0.09 | 12.87 0.16 -0.04 | 14.34 0.26 -0.23 | 15.30 0.32 -0.26 | 16.33 0.39 -0.38 | 17.61 0.37 -0.42 | 21.42 0.51 -0.72 | 22.44 0.51 -0.51 | 23.47 0.64 -0.79 | 22.23 0.49 -0.55 | 23.92 0.50 -0.59 | 26.39 0.58 -0.46 | 25.71 0.57 -0.22 | 22.33 0.50 -0.17 | 20.30 0.40 -0.11 | 19.66 0.42 -0.03 | 18.06 0.37 0.00 | 15.69 0.30 -0.62 |
| BURROWS__LYONSDAL 23803 | 13.97 0.27 0.00 | 13.87 0.23 0.00 | 12.63 0.21 0.00 | 10.71 0.14 0.00 | 10.57 0.14 0.00 | 9.30 0.14 0.00 | 11.09 0.17 0.00 | 12.92 0.25 0.00 | 14.21 0.37 0.00 | 15.13 0.41 0.00 | 15.93 0.40 0.03 | 17.08 0.40 0.15 | 20.13 0.46 0.53 | 21.15 0.41 0.68 | 21.63 0.42 0.83 | 20.95 0.42 0.67 | 22.16 0.18 0.85 | 24.43 0.23 1.13 | 24.25 0.40 1.06 | 21.28 0.30 0.68 | 19.92 0.59 0.47 | 19.35 0.56 0.41 | 17.94 0.49 0.24 | 15.14 0.37 0.00 |
| CAITHNESS_CC_1 323624 | 18.92 1.79 -3.43 | 16.77 1.88 -1.24 | 14.30 1.73 -0.16 | 14.02 1.41 -2.04 | 12.97 1.34 -1.20 | 12.18 1.24 -1.78 | 12.92 1.48 -0.52 | 15.27 1.75 -0.85 | 18.11 1.90 -2.38 | 20.91 2.03 -4.16 | 21.32 2.22 -3.54 | 22.28 2.64 -2.82 | 23.67 3.11 -0.37 | 24.97 3.15 -0.40 | 26.13 3.42 -0.66 | 28.68 3.35 -4.15 | 32.43 3.45 -6.15 | 34.09 3.98 -4.78 | 29.51 4.04 -0.55 | 26.22 3.42 -1.14 | 24.25 2.99 -1.46 | 23.08 2.96 -0.92 | 21.28 2.62 -0.98 | 20.12 2.10 -3.25 |
| CALPINE BETH_PAGE_GT4 24209 | 22.30 1.74 -6.86 | 17.61 1.72 -2.25 | 14.58 1.55 -0.62 | 13.90 1.28 -2.05 | 12.86 1.22 -1.21 | 12.06 1.12 -1.78 | 12.80 1.35 -0.53 | 15.71 1.53 -1.51 | 18.91 1.76 -3.31 | 21.61 2.00 -4.89 | 21.45 2.12 -3.77 | 22.37 2.39 -3.16 | 24.57 2.95 -1.43 | 26.08 3.13 -1.53 | 27.73 3.15 -2.53 | 30.35 3.01 -6.15 | 33.67 3.24 -7.60 | 37.10 3.62 -8.14 | 29.40 3.51 -0.97 | 26.50 3.12 -1.72 | 24.83 2.71 -2.32 | 23.12 2.65 -1.26 | 23.88 2.44 -3.75 | 23.79 1.98 -7.04 |
| CALPINE_BETH_PAGE_GT_4 323586 | 22.30 1.74 -6.86 | 17.61 1.72 -2.25 | 14.58 1.55 -0.62 | 13.90 1.28 -2.05 | 12.86 1.22 -1.21 | 12.06 1.12 -1.78 | 12.80 1.35 -0.53 | 15.71 1.53 -1.51 | 18.91 1.76 -3.31 | 21.61 2.00 -4.89 | 21.45 2.12 -3.77 | 22.37 2.39 -3.16 | 24.57 2.95 -1.43 | 26.08 3.13 -1.53 | 27.73 3.15 -2.53 | 30.35 3.01 -6.15 | 33.67 3.24 -7.60 | 37.10 3.62 -8.14 | 29.40 3.51 -0.97 | 26.50 3.12 -1.72 | 24.83 2.71 -2.32 | 23.12 2.65 -1.26 | 23.88 2.44 -3.75 | 23.79 1.98 -7.04 |
| CALPINE_BP_GT1 23823 | 22.30 1.74 -6.86 | 17.61 1.72 -2.25 | 14.58 1.55 -0.62 | 13.90 1.28 -2.05 | 12.86 1.22 -1.21 | 12.06 1.12 -1.78 | 12.80 1.35 -0.53 | 15.71 1.53 -1.51 | 18.91 1.76 -3.31 | 21.61 2.00 -4.89 | 21.45 2.12 -3.77 | 22.37 2.39 -3.16 | 24.57 2.95 -1.43 | 26.08 3.13 -1.53 | 27.73 3.15 -2.53 | 30.35 3.01 -6.15 | 33.67 3.24 -7.60 | 37.10 3.62 -8.14 | 29.40 3.51 -0.97 | 26.50 3.12 -1.72 | 24.83 2.71 -2.32 | 23.12 2.65 -1.26 | 23.88 2.44 -3.75 | 23.79 1.98 -7.04 |
| CALSPAN__DRP 24200 | 13.72 -0.36 -0.38 | 13.23 -0.53 -0.12 | 11.88 -0.53 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.49 -0.48 -0.05 | 14.43 -0.46 -2.21 | 26.02 -0.37 -12.55 | 28.61 -0.09 -13.98 | 36.30 0.02 -20.73 | 39.33 -0.25 -22.76 | 59.07 0.06 -38.82 | 66.93 -0.11 -45.61 | 72.34 0.33 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.95 -0.38 -17.99 | 32.62 -0.40 -8.11 | 23.09 -0.30 -1.74 | 19.34 -0.57 -0.11 | 19.24 -0.40 -0.44 | 17.27 -0.44 -0.03 | 14.67 -0.43 -0.33 |
| CANDIGU_WT_PWR 323617 | 14.18 -0.01 -0.50 | 13.64 -0.16 -0.16 | 12.23 -0.19 0.00 | 10.87 -0.17 -0.46 | 10.54 -0.17 -0.27 | 9.39 -0.17 -0.40 | 10.81 -0.18 -0.06 | 13.22 -0.09 -0.64 | 17.48 0.00 -3.64 | 18.92 0.15 -4.05 | 21.80 0.23 -6.01 | 23.50 0.08 -6.60 | 31.73 0.28 -11.25 | 34.32 0.21 -12.69 | 36.81 0.51 -14.26 | 26.33 0.11 -5.04 | 28.38 0.16 -5.39 | 30.82 0.20 -5.28 | 27.48 0.20 -2.37 | 22.43 0.19 -0.58 | 19.89 0.00 -0.09 | 19.42 0.08 -0.14 | 17.75 0.05 -0.01 | 15.22 0.01 -0.43 |
| CARR STREET_E_SYR 24060 | 13.89 -0.01 -0.20 | 13.62 -0.08 -0.06 | 12.33 -0.09 0.00 | 10.68 -0.08 -0.19 | 10.45 -0.09 -0.11 | 9.24 -0.09 -0.16 | 10.86 -0.09 -0.03 | 12.66 -0.01 0.00 | 13.90 0.06 0.00 | 14.70 -0.01 0.00 | 15.57 0.02 0.00 | 16.80 -0.02 0.00 | 20.13 -0.06 0.00 | 21.27 -0.15 0.00 | 21.96 -0.09 0.00 | 21.08 -0.11 0.00 | 22.71 -0.11 0.00 | 25.19 -0.15 0.00 | 24.77 -0.15 0.00 | 21.55 -0.15 -0.04 | 19.73 -0.10 -0.03 | 19.15 -0.06 -0.01 | 17.65 -0.04 0.00 | 14.93 -0.01 -0.17 |
| CARTHAGE__PAPER 23857 | 13.99 0.22 -0.08 | 13.84 0.18 -0.02 | 12.58 0.16 0.00 | 10.74 0.09 -0.07 | 10.56 0.08 -0.04 | 9.33 0.10 -0.06 | 11.05 0.12 -0.01 | 12.90 0.23 0.00 | 14.20 0.36 0.00 | 15.10 0.38 0.00 | 15.84 0.34 0.06 | 16.85 0.30 0.27 | 19.56 0.36 1.00 | 20.41 0.26 1.27 | 20.75 0.27 1.56 | 20.19 0.26 1.25 | 21.11 -0.11 1.60 | 23.11 -0.10 2.13 | 23.07 0.15 2.00 | 20.49 0.11 1.28 | 19.47 0.55 0.88 | 18.96 0.54 0.78 | 17.71 0.48 0.45 | 15.19 0.35 -0.07 |
| CE_DUNWOOD__DRP 24194 | 17.21 1.30 -2.21 | 15.63 1.28 -0.71 | 13.57 1.15 0.00 | 13.61 0.99 -2.04 | 12.61 0.97 -1.20 | 11.77 0.83 -1.77 | 12.23 1.03 -0.28 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.25 1.53 0.00 | 17.25 1.70 0.00 | 18.82 2.00 0.00 | 22.66 2.46 0.00 | 24.06 2.63 0.00 | 24.71 2.67 0.00 | 24.72 2.63 -0.90 | 30.81 2.81 -5.18 | 28.99 3.14 -0.51 | 27.91 2.99 0.00 | 24.63 2.58 -0.40 | 22.37 2.24 -0.34 | 21.45 2.19 -0.06 | 19.67 1.98 0.00 | 18.24 1.57 -1.90 |
| CE_MILLWOOD__DRP 24193 | 17.16 1.26 -2.20 | 15.59 1.24 -0.71 | 13.53 1.12 0.00 | 13.57 0.96 -2.03 | 12.57 0.94 -1.20 | 11.73 0.80 -1.77 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.11 1.27 0.00 | 16.20 1.49 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.58 2.38 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.68 2.52 -0.97 | 31.12 2.72 -5.58 | 28.93 3.04 -0.55 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.29 2.16 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.19 1.52 -1.90 |
| CE_NYC2_DRP 24202 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.42 1.71 -1.00 | 19.32 1.88 -1.88 | 21.62 2.22 -2.58 | 22.92 2.73 0.00 | 24.72 2.89 -0.41 | 25.45 2.96 -0.45 | 26.82 2.88 -2.75 | 30.89 3.06 -5.00 | 29.26 3.42 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.93 2.49 -0.64 | 23.12 2.44 -1.48 | 21.46 2.17 -1.60 | 18.47 1.77 -1.92 |
| CE_NYC_DRP 24195 | 17.36 1.45 -2.21 | 15.78 1.43 -0.71 | 13.72 1.30 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.20 | 17.42 1.72 -0.98 | 19.28 1.88 -1.84 | 21.55 2.20 -2.53 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.42 2.93 -0.44 | 26.76 2.86 -2.71 | 30.90 3.08 -5.00 | 29.28 3.45 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.90 2.47 -0.63 | 23.09 2.44 -1.45 | 21.45 2.19 -1.57 | 18.44 1.74 -1.92 |

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|------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CHAFFEE___LFGE 323603 | 13.82 -0.27 -0.39 | 13.30 -0.46 -0.13 | 11.94 -0.47 0.00 | 10.54 -0.40 -0.36 | 10.27 -0.38 -0.21 | 9.11 -0.38 -0.32 | 10.55 -0.41 -0.05 | 14.56 -0.37 -2.26 | 26.39 -0.26 -12.81 | 29.03 0.04 -14.27 | 36.88 0.17 -21.16 | 39.93 -0.12 -23.23 | 60.07 0.26 -39.61 | 68.43 0.09 -46.92 | 73.74 0.55 -51.14 | 35.87 -0.21 -14.90 | 38.69 -0.09 -15.95 | 42.34 -0.13 -17.13 | 32.50 -0.15 -7.73 | 23.24 -0.09 -1.66 | 19.51 -0.40 -0.11 | 19.37 -0.25 -0.42 | 17.41 -0.30 -0.03 | 14.79 -0.33 -0.34 |
| CHATEAUG_WT_PWR 323614 | 13.03 -0.67 0.00 | 13.05 -0.59 0.00 | 11.92 -0.50 0.00 | 10.15 -0.42 0.00 | 10.05 -0.39 0.00 | 8.86 -0.30 0.00 | 10.55 -0.37 0.00 | 12.28 -0.39 0.00 | 13.34 -0.50 0.00 | 14.20 -0.52 0.00 | 14.65 -0.62 0.29 | 14.88 -0.66 1.28 | 14.67 -0.85 4.68 | 14.59 -0.88 5.95 | 13.80 -0.93 7.32 | 14.50 -0.83 5.86 | 14.48 -0.87 7.48 | 14.44 -0.94 9.96 | 14.69 -0.87 9.35 | 14.87 -0.76 6.03 | 14.92 -0.71 4.17 | 14.80 -0.75 3.65 | 14.85 -0.71 2.13 | 14.18 -0.59 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 13.00 -0.70 0.00 | 13.03 -0.61 0.00 | 11.89 -0.52 0.00 | 10.13 -0.44 0.00 | 10.04 -0.40 0.00 | 8.84 -0.32 0.00 | 10.53 -0.39 0.00 | 12.26 -0.41 0.00 | 13.30 -0.54 0.00 | 14.16 -0.56 0.00 | 14.62 -0.65 0.28 | 14.87 -0.69 1.25 | 14.72 -0.89 4.59 | 14.65 -0.94 5.83 | 13.90 -0.97 7.17 | 14.57 -0.87 5.75 | 14.60 -0.89 7.34 | 14.58 -0.99 9.77 | 14.85 -0.90 9.17 | 14.97 -0.78 5.91 | 15.00 -0.71 4.09 | 14.86 -0.77 3.58 | 14.86 -0.74 2.08 | 14.17 -0.61 0.00 |
| CHAUTAUQUA___LFGE 323629 | 13.89 -0.21 -0.39 | 13.37 -0.40 -0.13 | 12.02 -0.40 0.00 | 10.60 -0.34 -0.36 | 10.34 -0.31 -0.21 | 9.17 -0.31 -0.32 | 10.63 -0.34 -0.05 | 14.35 -0.32 -2.00 | 24.94 -0.24 -11.34 | 27.41 0.06 -12.63 | 34.46 0.17 -18.73 | 37.30 -0.08 -20.57 | 55.44 0.18 -35.07 | 62.00 0.02 -40.55 | 67.35 0.44 -44.86 | 34.94 -0.25 -14.01 | 37.69 -0.14 -15.00 | 40.86 -0.08 -15.60 | 31.90 -0.05 -7.04 | 23.18 0.00 -1.52 | 19.63 -0.28 -0.10 | 19.49 -0.10 -0.38 | 17.55 -0.16 -0.02 | 14.92 -0.19 -0.34 |
| CH_MIDHUDSON___DRP 24192 | 17.31 1.25 -2.36 | 15.63 1.23 -0.76 | 13.52 1.10 0.00 | 13.71 0.95 -2.18 | 12.65 0.93 -1.28 | 11.86 0.80 -1.89 | 12.20 0.98 -0.30 | 13.72 1.05 0.00 | 15.09 1.25 0.00 | 16.17 1.46 0.00 | 17.17 1.62 0.00 | 18.68 1.87 0.00 | 22.50 2.30 0.00 | 23.91 2.48 0.00 | 24.52 2.47 0.00 | 23.86 2.44 -0.24 | 26.81 2.62 -1.36 | 28.44 2.96 -0.13 | 27.73 2.81 0.00 | 24.51 2.43 -0.43 | 22.32 2.16 -0.36 | 21.38 2.11 -0.07 | 19.60 1.91 0.00 | 18.33 1.52 -2.03 |
| CH_MISC_IPPS 23765 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| CH_RES_BVR_FALLS 23983 | 13.36 -0.21 0.14 | 13.39 -0.20 0.04 | 12.23 -0.19 0.00 | 10.29 -0.16 0.13 | 10.20 -0.16 0.07 | 8.92 -0.14 0.11 | 10.74 -0.16 0.02 | 12.49 -0.18 0.00 | 13.68 -0.17 0.00 | 14.56 -0.16 0.00 | 15.54 -0.17 -0.15 | 17.30 -0.20 -0.68 | 22.46 -0.24 -2.51 | 24.38 -0.24 -3.19 | 25.75 -0.22 -3.92 | 24.14 -0.19 -3.14 | 26.63 -0.21 -4.01 | 30.44 -0.23 -5.34 | 29.70 -0.22 -5.01 | 24.65 -0.22 -3.20 | 21.83 -0.18 -2.21 | 20.98 -0.17 -1.95 | 18.66 -0.16 -1.14 | 14.52 -0.13 0.12 |
| CH_RES_NIAGARA 23895 | 13.05 -1.00 -0.35 | 12.59 -1.16 -0.11 | 11.32 -1.09 0.00 | 9.99 -0.91 -0.32 | 9.77 -0.86 -0.19 | 8.70 -0.77 -0.30 | 10.05 -0.93 -0.06 | 12.83 -1.03 -1.19 | 19.60 -1.00 -6.76 | 21.47 -0.78 -7.53 | 26.02 -0.70 -11.17 | 28.05 -1.03 -12.26 | 40.22 -0.89 -20.91 | 37.79 -1.11 -17.48 | 45.26 -0.73 -23.94 | 31.04 -1.40 -11.25 | 33.51 -1.37 -12.05 | 16.45 -1.75 7.14 | 19.89 -1.72 3.30 | 19.57 -1.45 0.63 | 18.21 -1.60 -0.01 | 17.58 -1.44 0.18 | 16.31 -1.38 0.00 | 13.91 -1.17 -0.30 |
| CH_RES_SYRACUSE 23985 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| CLINTON_WT_PWR 323605 | 13.03 -0.67 0.00 | 13.05 -0.59 0.00 | 11.92 -0.50 0.00 | 10.15 -0.42 0.00 | 10.05 -0.39 0.00 | 8.86 -0.30 0.00 | 10.55 -0.37 0.00 | 12.28 -0.39 0.00 | 13.34 -0.50 0.00 | 14.20 -0.52 0.00 | 14.65 -0.62 0.29 | 14.88 -0.66 1.28 | 14.67 -0.85 4.68 | 14.59 -0.88 5.95 | 13.80 -0.93 7.32 | 14.50 -0.83 5.86 | 14.48 -0.87 7.48 | 14.44 -0.94 9.96 | 14.69 -0.87 9.35 | 14.87 -0.76 6.03 | 14.92 -0.71 4.17 | 14.80 -0.75 3.65 | 14.85 -0.71 2.13 | 14.18 -0.59 0.00 |
| CLINTON___LFGE 323618 | 13.12 -0.57 0.00 | 13.15 -0.49 0.00 | 12.01 -0.41 0.00 | 10.22 -0.36 0.00 | 10.12 -0.31 0.00 | 8.93 -0.24 0.00 | 10.61 -0.31 0.00 | 12.36 -0.30 0.00 | 13.44 -0.40 0.00 | 14.32 -0.40 0.00 | 14.77 -0.50 0.29 | 15.04 -0.50 1.27 | 14.85 -0.69 4.65 | 14.80 -0.71 5.92 | 14.02 -0.75 7.28 | 14.67 -0.68 5.83 | 14.72 -0.66 7.44 | 14.69 -0.74 9.91 | 15.01 -0.60 9.30 | 15.16 -0.50 6.00 | 15.19 -0.45 4.15 | 15.04 -0.54 3.63 | 15.04 -0.53 2.11 | 14.32 -0.46 0.00 |
| COLONIE_LFGE___ 323577 | 17.69 1.01 -2.98 | 15.57 0.97 -0.96 | 13.28 0.87 0.00 | 14.07 0.74 -2.75 | 12.78 0.73 -1.62 | 12.21 0.65 -2.39 | 12.07 0.76 -0.38 | 13.49 0.82 0.00 | 14.82 0.98 0.00 | 15.87 1.15 0.00 | 16.80 1.23 -0.01 | 18.13 1.26 -0.05 | 21.82 1.43 -0.19 | 23.25 1.59 -0.24 | 23.86 1.52 -0.29 | 22.88 1.46 -0.24 | 24.82 1.69 -0.30 | 27.64 1.90 -0.40 | 27.26 1.97 -0.38 | 24.19 1.75 -0.78 | 22.06 1.64 -0.62 | 21.05 1.61 -0.23 | 19.22 1.45 -0.09 | 18.47 1.14 -2.56 |
| COPENHAGEN_WT_PWR 323753 | 14.03 0.23 -0.10 | 13.85 0.18 -0.03 | 12.58 0.16 0.00 | 10.76 0.09 -0.09 | 10.57 0.08 -0.05 | 9.34 0.09 -0.08 | 11.06 0.13 -0.01 | 12.91 0.24 0.00 | 14.23 0.39 0.00 | 15.10 0.38 0.00 | 15.87 0.36 0.05 | 16.93 0.34 0.22 | 19.79 0.40 0.81 | 20.67 0.28 1.03 | 21.06 0.29 1.27 | 20.44 0.27 1.02 | 21.44 -0.09 1.30 | 23.53 -0.08 1.73 | 23.47 0.18 1.62 | 20.78 0.15 1.03 | 19.68 0.59 0.71 | 19.13 0.56 0.63 | 17.81 0.49 0.37 | 15.23 0.37 -0.08 |
| CORNELL_____ 23752 | 14.51 0.32 -0.50 | 14.02 0.22 -0.16 | 12.59 0.17 0.00 | 11.17 0.14 -0.46 | 10.83 0.13 -0.27 | 9.67 0.10 -0.40 | 11.14 0.15 -0.06 | 13.02 0.30 -0.04 | 14.49 0.40 -0.25 | 15.39 0.40 -0.28 | 16.44 0.47 -0.41 | 17.71 0.44 -0.45 | 21.51 0.55 -0.77 | 22.50 0.54 -0.54 | 23.55 0.66 -0.84 | 22.24 0.59 -0.46 | 23.92 0.59 -0.50 | 26.41 0.68 -0.39 | 25.82 0.72 -0.18 | 22.37 0.59 -0.13 | 20.43 0.55 -0.08 | 19.76 0.54 -0.02 | 18.18 0.49 0.00 | 15.59 0.38 -0.43 |
| COXSACKIE___GT 23611 | 17.40 1.27 -2.43 | 15.65 1.23 -0.78 | 13.48 1.07 0.00 | 13.74 0.92 -2.24 | 12.65 0.90 -1.32 | 11.86 0.75 -1.95 | 12.11 0.88 -0.31 | 13.64 0.98 0.00 | 14.96 1.12 0.00 | 16.01 1.30 0.00 | 17.00 1.45 0.00 | 18.20 1.38 0.00 | 21.95 1.76 0.00 | 23.35 1.93 0.00 | 23.90 1.85 0.00 | 23.03 1.84 0.00 | 24.97 2.15 0.00 | 27.75 2.41 0.00 | 27.31 2.39 0.00 | 24.07 1.97 -0.44 | 22.29 2.12 -0.37 | 21.29 2.02 -0.07 | 19.54 1.86 0.00 | 18.34 1.48 -2.09 |

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|--------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CPV_VALLEY___CC1 323721 | 16.55 0.92 -1.93 | 15.16 0.90 -0.62 | 13.22 0.81 0.00 | 13.06 0.70 -1.78 | 12.16 0.68 -1.05 | 11.30 0.59 -1.55 | 11.89 0.72 -0.25 | 13.45 0.79 0.00 | 14.78 0.94 0.00 | 15.82 1.10 0.00 | 16.77 1.21 0.00 | 18.23 1.41 0.00 | 21.93 1.74 0.00 | 23.29 1.86 0.00 | 23.92 1.87 0.00 | 22.64 1.84 0.39 | 22.54 1.96 2.25 | 27.32 2.20 0.22 | 27.03 2.12 0.00 | 23.83 1.82 -0.35 | 21.70 1.60 -0.29 | 20.83 1.57 -0.06 | 19.12 1.43 0.00 | 17.56 1.12 -1.66 |
| CPV_VALLEY___CC2 323722 | 16.55 0.92 -1.93 | 15.16 0.90 -0.62 | 13.22 0.81 0.00 | 13.06 0.70 -1.78 | 12.16 0.68 -1.05 | 11.30 0.59 -1.55 | 11.89 0.72 -0.25 | 13.45 0.79 0.00 | 14.78 0.94 0.00 | 15.82 1.10 0.00 | 16.77 1.21 0.00 | 18.23 1.41 0.00 | 21.93 1.74 0.00 | 23.29 1.86 0.00 | 23.92 1.87 0.00 | 22.64 1.84 0.39 | 22.54 1.96 2.25 | 27.32 2.20 0.22 | 27.03 2.12 0.00 | 23.83 1.82 -0.35 | 21.70 1.60 -0.29 | 20.83 1.57 -0.06 | 19.12 1.43 0.00 | 17.56 1.12 -1.66 |
| CRESCENT___HYD 24018 | 17.69 1.01 -2.98 | 15.57 0.97 -0.96 | 13.28 0.87 0.00 | 14.07 0.74 -2.75 | 12.78 0.73 -1.62 | 12.21 0.65 -2.39 | 12.07 0.76 -0.38 | 13.49 0.82 0.00 | 14.82 0.98 0.00 | 15.87 1.15 0.00 | 16.80 1.23 -0.01 | 18.13 1.26 -0.05 | 21.82 1.43 -0.19 | 23.25 1.59 -0.24 | 23.86 1.52 -0.29 | 22.88 1.46 -0.24 | 24.82 1.69 -0.30 | 27.64 1.90 -0.40 | 27.26 1.97 -0.38 | 24.19 1.75 -0.78 | 22.06 1.64 -0.62 | 21.05 1.61 -0.23 | 19.22 1.45 -0.09 | 18.47 1.14 -2.56 |
| CRICKET___VALLEY_CC1 323756 | 17.08 1.05 -2.33 | 15.44 1.05 -0.75 | 13.37 0.96 0.00 | 13.55 0.83 -2.15 | 12.53 0.83 -1.27 | 11.76 0.72 -1.87 | 12.10 0.88 -0.30 | 13.58 0.91 0.00 | 14.93 1.09 0.00 | 15.98 1.27 0.00 | 16.96 1.40 0.00 | 18.45 1.63 0.00 | 22.15 1.96 0.00 | 23.52 2.10 0.00 | 24.14 2.10 0.00 | 23.72 2.10 -0.43 | 27.53 2.24 -2.47 | 28.09 2.51 -0.24 | 27.31 2.39 0.00 | 24.18 2.10 -0.42 | 22.00 1.84 -0.36 | 21.06 1.79 -0.07 | 19.31 1.63 0.00 | 18.05 1.27 -2.00 |
| CRICKET___VALLEY_CC2 323757 | 17.08 1.05 -2.33 | 15.44 1.05 -0.75 | 13.37 0.96 0.00 | 13.55 0.83 -2.15 | 12.53 0.83 -1.27 | 11.76 0.72 -1.87 | 12.10 0.88 -0.30 | 13.58 0.91 0.00 | 14.93 1.09 0.00 | 15.98 1.27 0.00 | 16.96 1.40 0.00 | 18.45 1.63 0.00 | 22.15 1.96 0.00 | 23.52 2.10 0.00 | 24.14 2.10 0.00 | 23.72 2.10 -0.43 | 27.53 2.24 -2.47 | 28.09 2.51 -0.24 | 27.31 2.39 0.00 | 24.18 2.10 -0.42 | 22.00 1.84 -0.36 | 21.06 1.79 -0.07 | 19.31 1.63 0.00 | 18.05 1.27 -2.00 |
| CRICKET___VALLEY_CC3 323758 | 17.08 1.05 -2.33 | 15.44 1.05 -0.75 | 13.37 0.96 0.00 | 13.55 0.83 -2.15 | 12.53 0.83 -1.27 | 11.76 0.72 -1.87 | 12.10 0.88 -0.30 | 13.58 0.91 0.00 | 14.93 1.09 0.00 | 15.98 1.27 0.00 | 16.96 1.40 0.00 | 18.45 1.63 0.00 | 22.15 1.96 0.00 | 23.52 2.10 0.00 | 24.14 2.10 0.00 | 23.72 2.10 -0.43 | 27.53 2.24 -2.47 | 28.09 2.51 -0.24 | 27.31 2.39 0.00 | 24.18 2.10 -0.42 | 22.00 1.84 -0.36 | 21.06 1.79 -0.07 | 19.31 1.63 0.00 | 18.05 1.27 -2.00 |
| CRUCIBLE_METL_DRP 24180 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| DAHOWA___HYDRO 323763 | 18.10 1.37 -3.04 | 15.90 1.28 -0.97 | 13.55 1.13 0.00 | 14.34 0.96 -2.80 | 13.04 0.96 -1.65 | 12.46 0.86 -2.44 | 12.32 1.02 -0.39 | 13.80 1.13 0.00 | 15.17 1.33 0.00 | 16.26 1.54 0.00 | 17.17 1.60 -0.01 | 18.44 1.56 -0.06 | 22.22 1.82 -0.20 | 23.72 2.04 -0.26 | 24.26 1.90 -0.32 | 23.20 1.76 -0.25 | 25.25 2.10 -0.32 | 28.15 2.38 -0.43 | 27.91 2.59 -0.41 | 24.76 2.29 -0.81 | 22.72 2.28 -0.64 | 21.69 2.25 -0.25 | 19.74 1.96 -0.09 | 18.97 1.58 -2.61 |
| DANC___LFGE 323619 | 13.92 0.10 -0.13 | 13.71 0.03 -0.04 | 12.44 0.02 0.00 | 10.68 -0.01 -0.12 | 10.48 -0.02 -0.07 | 9.26 -0.01 -0.10 | 10.95 0.01 -0.02 | 12.76 0.09 0.00 | 14.05 0.21 0.00 | 14.89 0.18 0.00 | 15.68 0.16 0.03 | 16.79 0.12 0.15 | 19.79 0.14 0.55 | 20.79 0.06 0.69 | 21.28 0.09 0.85 | 20.55 0.04 0.68 | 21.73 -0.23 0.87 | 23.95 -0.23 1.16 | 23.75 -0.07 1.09 | 20.94 -0.04 0.68 | 19.61 0.28 0.47 | 19.03 0.25 0.42 | 17.67 0.23 0.25 | 15.04 0.16 -0.11 |
| DANSKAMMER___1 23586 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| DANSKAMMER___2 23589 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| DANSKAMMER___3 23590 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| DANSKAMMER___4 23591 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| DANSKAMMER___DIESEL 23592 | 17.31 1.36 -2.26 | 15.69 1.32 -0.73 | 13.60 1.18 0.00 | 13.68 1.02 -2.09 | 12.64 0.98 -1.23 | 11.81 0.83 -1.81 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.26 1.54 0.00 | 17.27 1.71 0.00 | 18.75 1.93 0.00 | 22.64 2.44 0.00 | 24.06 2.63 0.00 | 24.63 2.58 0.00 | 23.73 2.54 0.00 | 25.59 2.76 0.00 | 28.45 3.12 0.00 | 27.91 2.99 0.00 | 24.60 2.53 -0.41 | 22.46 2.32 -0.35 | 21.51 2.25 -0.06 | 19.74 2.05 0.00 | 18.36 1.64 -1.94 |
| DASHVILLE___HYD 23610 | 16.96 0.99 -2.28 | 15.34 0.97 -0.73 | 13.27 0.86 0.00 | 13.42 0.74 -2.10 | 12.39 0.72 -1.24 | 11.60 0.60 -1.83 | 11.95 0.74 -0.29 | 13.44 0.77 0.00 | 14.77 0.93 0.00 | 15.82 1.10 0.00 | 16.79 1.23 0.00 | 18.25 1.43 0.00 | 21.95 1.76 0.00 | 23.33 1.91 0.00 | 23.92 1.87 0.00 | 23.07 1.89 0.00 | 24.86 2.03 0.00 | 27.64 2.31 0.00 | 27.11 2.19 0.00 | 23.93 1.86 -0.41 | 21.85 1.70 -0.35 | 20.94 1.67 -0.07 | 19.21 1.52 0.00 | 17.95 1.21 -1.96 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DELAWARE___LFGE 323621 | 15.20 0.55 -0.95 | 14.45 0.50 -0.31 | 12.86 0.45 0.00 | 11.82 0.37 -0.88 | 11.32 0.36 -0.52 | 10.25 0.32 -0.76 | 11.45 0.40 -0.12 | 13.14 0.46 -0.02 | 14.54 0.58 -0.12 | 15.54 0.69 -0.13 | 16.50 0.75 -0.19 | 17.85 0.82 -0.21 | 21.57 1.01 -0.36 | 22.73 1.05 -0.25 | 23.52 1.08 -0.39 | 22.48 1.02 -0.27 | 24.14 1.03 -0.29 | 26.73 1.17 -0.23 | 26.19 1.17 -0.11 | 22.89 1.04 -0.19 | 20.93 0.99 -0.15 | 20.21 0.98 -0.03 | 18.55 0.87 0.00 | 16.27 0.68 -0.82 |
| DOGLEVILLE___HYD 23807 | 14.36 0.73 0.06 | 14.32 0.70 0.02 | 13.05 0.63 0.00 | 11.06 0.54 0.05 | 10.92 0.52 0.03 | 9.58 0.46 0.05 | 11.47 0.56 0.01 | 13.31 0.65 0.00 | 14.59 0.75 0.00 | 15.54 0.82 0.00 | 16.42 0.86 -0.01 | 17.75 0.87 -0.06 | 21.43 1.03 -0.21 | 22.74 1.05 -0.26 | 23.43 1.06 -0.32 | 22.42 0.98 -0.26 | 24.12 0.96 -0.33 | 26.89 1.11 -0.44 | 26.58 1.25 -0.41 | 23.04 1.13 -0.26 | 21.10 1.13 -0.18 | 20.46 1.09 -0.16 | 18.77 0.99 -0.09 | 15.52 0.80 0.05 |
| DUNKIRK___1 23563 | 13.89 -0.21 -0.39 | 13.37 -0.40 -0.13 | 12.02 -0.40 0.00 | 10.60 -0.34 -0.36 | 10.34 -0.31 -0.21 | 9.17 -0.31 -0.32 | 10.63 -0.34 -0.05 | 14.34 -0.32 -1.99 | 24.91 -0.24 -11.30 | 27.37 0.06 -12.59 | 34.40 0.17 -18.67 | 37.24 -0.08 -20.50 | 55.34 0.18 -34.96 | 61.83 0.02 -40.39 | 67.19 0.44 -44.70 | 34.97 -0.25 -14.03 | 37.71 -0.14 -15.02 | 40.89 -0.08 -15.63 | 31.89 -0.07 -7.05 | 23.18 0.00 -1.52 | 19.61 -0.30 -0.10 | 19.47 -0.11 -0.38 | 17.55 -0.16 -0.02 | 14.92 -0.19 -0.34 |
| DUNKIRK___2 23564 | 13.89 -0.21 -0.39 | 13.37 -0.40 -0.13 | 12.02 -0.40 0.00 | 10.60 -0.34 -0.36 | 10.34 -0.31 -0.21 | 9.17 -0.31 -0.32 | 10.63 -0.34 -0.05 | 14.34 -0.32 -1.99 | 24.91 -0.24 -11.30 | 27.37 0.06 -12.59 | 34.40 0.17 -18.67 | 37.24 -0.08 -20.50 | 55.34 0.18 -34.96 | 61.83 0.02 -40.39 | 67.19 0.44 -44.70 | 34.97 -0.25 -14.03 | 37.71 -0.14 -15.02 | 40.89 -0.08 -15.63 | 31.89 -0.07 -7.05 | 23.18 0.00 -1.52 | 19.61 -0.30 -0.10 | 19.47 -0.11 -0.38 | 17.55 -0.16 -0.02 | 14.92 -0.19 -0.34 |
| DUNKIRK___3 23565 | 13.84 -0.25 -0.39 | 13.33 -0.44 -0.13 | 11.98 -0.43 0.00 | 10.57 -0.37 -0.36 | 10.30 -0.34 -0.21 | 9.14 -0.34 -0.32 | 10.59 -0.38 -0.05 | 14.21 -0.35 -1.89 | 24.31 -0.28 -10.75 | 26.69 0.00 -11.97 | 33.42 0.11 -17.75 | 36.16 -0.15 -19.49 | 53.57 0.14 -33.23 | 59.30 -0.02 -37.90 | 64.74 0.40 -42.29 | 34.72 -0.30 -13.83 | 37.45 -0.18 -14.81 | 40.36 -0.18 -15.20 | 31.59 -0.17 -6.85 | 23.03 -0.11 -1.48 | 19.52 -0.38 -0.10 | 19.36 -0.21 -0.37 | 17.46 -0.25 -0.02 | 14.85 -0.27 -0.34 |
| DUNKIRK___4 23566 | 13.84 -0.25 -0.39 | 13.33 -0.44 -0.13 | 11.98 -0.43 0.00 | 10.57 -0.37 -0.36 | 10.30 -0.34 -0.21 | 9.14 -0.34 -0.32 | 10.59 -0.38 -0.05 | 14.21 -0.35 -1.89 | 24.31 -0.28 -10.75 | 26.69 0.00 -11.97 | 33.42 0.11 -17.75 | 36.16 -0.15 -19.49 | 53.57 0.14 -33.23 | 59.30 -0.02 -37.90 | 64.74 0.40 -42.29 | 34.72 -0.30 -13.83 | 37.45 -0.18 -14.81 | 40.36 -0.18 -15.20 | 31.59 -0.17 -6.85 | 23.03 -0.11 -1.48 | 19.52 -0.38 -0.10 | 19.36 -0.21 -0.37 | 17.46 -0.25 -0.02 | 14.85 -0.27 -0.34 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 17.26 1.34 -2.21 | 15.69 1.34 -0.71 | 13.62 1.20 0.00 | 13.66 1.04 -2.04 | 12.64 1.00 -1.20 | 11.80 0.86 -1.78 | 12.27 1.07 -0.28 | 13.85 1.18 0.00 | 15.22 1.38 0.00 | 16.32 1.60 0.00 | 17.31 1.76 0.00 | 18.90 2.08 0.00 | 22.74 2.54 0.00 | 24.14 2.72 0.00 | 24.83 2.78 0.00 | 24.75 2.71 -0.85 | 30.65 2.92 -4.90 | 29.09 3.27 -0.48 | 28.01 3.09 0.00 | 24.74 2.69 -0.40 | 22.47 2.34 -0.34 | 21.55 2.28 -0.06 | 19.74 2.05 0.00 | 18.32 1.64 -1.91 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 17.06 1.18 -2.18 | 15.49 1.15 -0.70 | 13.45 1.03 0.00 | 13.48 0.89 -2.01 | 12.48 0.87 -1.19 | 11.65 0.73 -1.75 | 12.10 0.91 -0.28 | 13.66 0.99 0.00 | 15.00 1.16 0.00 | 16.09 1.37 0.00 | 17.07 1.51 0.00 | 18.55 1.73 0.00 | 22.36 2.16 0.00 | 23.74 2.31 0.00 | 24.36 2.31 0.00 | 23.46 2.27 0.00 | 25.27 2.44 0.00 | 28.10 2.76 0.00 | 27.56 2.64 0.00 | 24.31 2.25 -0.39 | 22.17 2.04 -0.33 | 21.24 1.98 -0.06 | 19.49 1.80 0.00 | 18.08 1.43 -1.88 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 17.39 1.47 -2.22 | 15.82 1.46 -0.72 | 13.74 1.32 -0.01 | 13.75 1.12 -2.05 | 12.74 1.10 -1.21 | 11.89 0.94 -1.78 | 12.31 1.10 -0.29 | 13.89 1.22 -0.01 | 15.46 1.43 -0.19 | 16.68 1.65 -0.31 | 17.62 1.80 -0.26 | 19.16 2.14 -0.21 | 22.81 2.62 0.01 | 24.22 2.81 0.01 | 24.92 2.86 -0.01 | 25.12 2.77 -1.15 | 30.78 2.97 -4.99 | 29.15 3.32 -0.49 | 28.11 3.19 -0.01 | 24.88 2.75 -0.47 | 22.63 2.39 -0.44 | 21.70 2.36 -0.13 | 19.80 2.10 -0.01 | 18.40 1.71 -1.91 |
| EAST HAMPTON___GT 23717 | 19.86 2.73 -3.44 | 17.70 2.81 -1.25 | 15.12 2.54 -0.16 | 14.69 2.07 -2.04 | 13.62 1.98 -1.20 | 12.75 1.81 -1.78 | 13.63 2.20 -0.52 | 16.17 2.65 -0.86 | 19.20 2.98 -2.38 | 22.18 3.30 -4.16 | 22.84 3.75 -3.54 | 24.03 4.39 -2.83 | 25.86 5.29 -0.37 | 27.18 5.36 -0.40 | 28.58 5.86 -0.67 | 31.19 5.85 -4.16 | 34.99 6.00 -6.16 | 37.12 6.99 -4.79 | 32.52 7.05 -0.56 | 28.69 5.89 -1.14 | 26.39 5.13 -1.46 | 25.12 4.99 -0.92 | 22.90 4.23 -0.99 | 21.31 3.28 -3.26 |
| EAST RIVER___6 23660 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.39 1.69 -0.98 | 19.26 1.85 -1.85 | 21.51 2.15 -2.54 | 22.80 2.61 0.00 | 24.61 2.78 -0.40 | 25.33 2.85 -0.44 | 26.68 2.77 -2.72 | 30.77 2.95 -5.00 | 29.16 3.32 -0.50 | 28.11 3.19 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.04 2.38 -1.46 | 21.42 2.16 -1.58 | 18.44 1.74 -1.92 |
| EAST RIVER___7 23524 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.39 1.69 -0.98 | 19.26 1.85 -1.85 | 21.51 2.15 -2.54 | 22.80 2.61 0.00 | 24.61 2.78 -0.40 | 25.33 2.85 -0.44 | 26.68 2.77 -2.72 | 30.77 2.95 -5.00 | 29.16 3.32 -0.50 | 28.11 3.19 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.04 2.38 -1.46 | 21.42 2.16 -1.58 | 18.44 1.74 -1.92 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 17.21 1.30 -2.21 | 15.63 1.28 -0.71 | 13.57 1.15 0.00 | 13.61 0.99 -2.04 | 12.61 0.97 -1.20 | 11.77 0.83 -1.77 | 12.23 1.03 -0.28 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.25 1.53 0.00 | 17.25 1.70 0.00 | 18.82 2.00 0.00 | 22.66 2.46 0.00 | 24.06 2.63 0.00 | 24.71 2.67 0.00 | 24.72 2.63 -0.90 | 30.81 2.81 -5.18 | 28.99 3.14 -0.51 | 27.91 2.99 0.00 | 24.63 2.58 -0.40 | 22.37 2.24 -0.34 | 21.45 2.19 -0.06 | 19.67 1.98 0.00 | 18.24 1.57 -1.90 |
| EAST_HAMPTON___DIESEL 23722 | 19.86 2.73 -3.44 | 17.70 2.81 -1.25 | 15.12 2.54 -0.16 | 14.69 2.07 -2.04 | 13.62 1.98 -1.20 | 12.76 1.82 -1.78 | 13.65 2.21 -0.52 | 16.17 2.65 -0.86 | 19.21 2.99 -2.38 | 22.18 3.30 -4.16 | 22.86 3.76 -3.54 | 24.05 4.41 -2.83 | 25.86 5.29 -0.37 | 27.20 5.38 -0.40 | 28.60 5.89 -0.67 | 31.19 5.85 -4.16 | 35.01 6.03 -6.16 | 37.15 7.02 -4.79 | 32.55 7.08 -0.56 | 28.69 5.89 -1.14 | 26.39 5.13 -1.46 | 25.12 4.99 -0.92 | 22.90 4.23 -0.99 | 21.33 3.29 -3.26 |
| EAST_RIVER___1 323558 | 17.36 1.45 -2.21 | 15.78 1.43 -0.71 | 13.72 1.30 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.20 | 17.42 1.72 -0.98 | 19.28 1.88 -1.84 | 21.55 2.20 -2.53 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.42 2.93 -0.44 | 26.76 2.86 -2.71 | 30.90 3.08 -5.00 | 29.28 3.45 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.90 2.47 -0.63 | 23.09 2.44 -1.45 | 21.45 2.19 -1.57 | 18.44 1.74 -1.92 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST_RIVER___2 323559 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.39 1.69 -0.98 | 19.26 1.85 -1.85 | 21.51 2.15 -2.54 | 22.80 2.61 0.00 | 24.61 2.78 -0.40 | 25.33 2.85 -0.44 | 26.68 2.77 -2.72 | 30.77 2.95 -5.00 | 29.16 3.32 -0.50 | 28.11 3.19 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.04 2.38 -1.46 | 21.42 2.16 -1.58 | 18.44 1.74 -1.92 |
| EAST___DELAWARE_HYD 23607 | 16.61 0.90 -2.01 | 15.16 0.87 -0.64 | 13.19 0.77 0.00 | 13.09 0.66 -1.85 | 12.16 0.64 -1.09 | 11.31 0.53 -1.61 | 11.83 0.66 -0.26 | 13.38 0.71 0.00 | 14.69 0.84 0.00 | 15.73 1.01 0.00 | 16.68 1.12 0.00 | 18.08 1.26 0.00 | 21.81 1.62 0.00 | 23.16 1.73 0.00 | 23.72 1.67 0.00 | 22.88 1.70 0.00 | 24.65 1.83 0.00 | 27.44 2.10 0.00 | 26.96 2.04 0.00 | 23.71 1.69 -0.36 | 21.79 1.68 -0.31 | 20.89 1.63 -0.06 | 19.17 1.49 0.00 | 17.67 1.17 -1.73 |
| ELEC_TRO_TEK 24086 | 26.81 1.57 -11.54 | 18.82 1.57 -3.61 | 15.07 1.41 -1.24 | 13.81 1.17 -2.06 | 12.77 1.12 -1.22 | 11.97 1.03 -1.78 | 12.70 1.24 -0.54 | 16.46 1.38 -2.41 | 20.02 1.59 -4.59 | 22.41 1.81 -5.88 | 21.60 1.94 -4.10 | 22.69 2.24 -3.63 | 25.85 2.79 -2.87 | 27.48 2.98 -3.08 | 30.18 3.04 -5.09 | 32.98 2.90 -8.89 | 35.57 3.17 -9.58 | 41.58 3.52 -12.73 | 29.82 3.36 -1.54 | 27.12 2.95 -2.52 | 25.85 2.55 -3.50 | 23.42 2.48 -1.73 | 27.53 2.32 -7.53 | 28.86 1.88 -12.21 |
| ELLENBURG_WT_PWR 323604 | 13.03 -0.67 0.00 | 13.05 -0.59 0.00 | 11.92 -0.50 0.00 | 10.15 -0.42 0.00 | 10.05 -0.39 0.00 | 8.86 -0.30 0.00 | 10.55 -0.37 0.00 | 12.28 -0.39 0.00 | 13.34 -0.50 0.00 | 14.20 -0.52 0.00 | 14.65 -0.62 0.29 | 14.88 -0.66 1.28 | 14.67 -0.85 4.68 | 14.59 -0.88 5.95 | 13.80 -0.93 7.32 | 14.50 -0.83 5.86 | 14.48 -0.87 7.48 | 14.44 -0.94 9.96 | 14.69 -0.87 9.35 | 14.87 -0.76 6.03 | 14.92 -0.71 4.17 | 14.80 -0.75 3.65 | 14.85 -0.71 2.13 | 14.18 -0.59 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 13.59 -0.48 -0.37 | 13.11 -0.65 -0.12 | 11.77 -0.65 0.00 | 10.37 -0.55 -0.34 | 10.13 -0.51 -0.20 | 8.98 -0.49 -0.30 | 10.39 -0.58 -0.05 | 14.26 -0.58 -2.17 | 25.68 -0.51 -12.35 | 28.22 -0.25 -13.76 | 35.80 -0.16 -20.40 | 38.78 -0.44 -22.40 | 58.23 -0.16 -38.20 | 62.70 -0.34 -41.62 | 69.91 0.07 -47.80 | 36.69 -0.64 -16.14 | 39.56 -0.55 -17.28 | 41.40 -0.66 -16.73 | 31.77 -0.67 -7.53 | 22.73 -0.54 -1.61 | 19.10 -0.79 -0.10 | 18.97 -0.63 -0.40 | 17.07 -0.64 -0.02 | 14.52 -0.58 -0.32 |
| EMPIRE_CC_1 323656 | 17.14 0.68 -2.76 | 15.21 0.68 -0.89 | 13.04 0.62 0.00 | 13.65 0.53 -2.55 | 12.47 0.53 -1.50 | 11.86 0.48 -2.21 | 11.83 0.56 -0.35 | 13.23 0.56 0.00 | 14.51 0.66 0.00 | 15.50 0.78 0.00 | 16.41 0.86 0.00 | 17.76 0.94 0.00 | 21.26 1.07 0.00 | 22.58 1.16 0.00 | 23.13 1.08 0.00 | 22.46 1.08 -0.19 | 25.14 1.21 -1.10 | 26.79 1.34 -0.11 | 26.26 1.34 0.00 | 23.37 1.21 -0.50 | 21.31 1.09 -0.42 | 20.34 1.06 -0.08 | 18.68 0.99 0.00 | 17.92 0.77 -2.38 |
| EMPIRE_CC_2 323658 | 17.14 0.68 -2.76 | 15.21 0.68 -0.89 | 13.04 0.62 0.00 | 13.65 0.53 -2.55 | 12.47 0.53 -1.50 | 11.86 0.48 -2.21 | 11.83 0.56 -0.35 | 13.23 0.56 0.00 | 14.51 0.66 0.00 | 15.50 0.78 0.00 | 16.41 0.86 0.00 | 17.76 0.94 0.00 | 21.26 1.07 0.00 | 22.58 1.16 0.00 | 23.13 1.08 0.00 | 22.46 1.08 -0.19 | 25.14 1.21 -1.10 | 26.79 1.34 -0.11 | 26.26 1.34 0.00 | 23.37 1.21 -0.50 | 21.31 1.09 -0.42 | 20.34 1.06 -0.08 | 18.68 0.99 0.00 | 17.92 0.77 -2.38 |
| ERIE_WT_PWR 323693 | 13.74 -0.34 -0.38 | 13.23 -0.53 -0.12 | 11.89 -0.52 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.50 -0.47 -0.05 | 14.44 -0.44 -2.21 | 26.03 -0.36 -12.55 | 28.61 -0.09 -13.98 | 36.32 0.03 -20.73 | 39.33 -0.25 -22.76 | 59.09 0.08 -38.82 | 66.95 -0.09 -45.61 | 72.36 0.35 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.97 -0.35 -17.99 | 32.65 -0.37 -8.11 | 23.11 -0.28 -1.74 | 19.36 -0.55 -0.11 | 19.24 -0.40 -0.44 | 17.29 -0.42 -0.03 | 14.69 -0.41 -0.33 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 14.49 0.30 -0.50 | 14.00 0.20 -0.16 | 12.58 0.16 0.00 | 11.16 0.13 -0.46 | 10.82 0.11 -0.27 | 9.66 0.09 -0.40 | 11.12 0.14 -0.06 | 12.98 0.28 -0.04 | 14.43 0.37 -0.22 | 15.33 0.37 -0.24 | 16.35 0.43 -0.36 | 17.62 0.40 -0.40 | 21.38 0.51 -0.68 | 22.41 0.51 -0.48 | 23.40 0.62 -0.74 | 22.15 0.55 -0.41 | 23.81 0.55 -0.44 | 26.34 0.66 -0.35 | 25.75 0.67 -0.16 | 22.32 0.54 -0.12 | 20.41 0.53 -0.08 | 19.72 0.50 -0.02 | 18.16 0.48 0.00 | 15.57 0.37 -0.43 |
| E_CANADA_CAP_HY 24051 | 17.98 0.70 -3.59 | 15.39 0.60 -1.15 | 12.91 0.50 0.00 | 14.31 0.42 -3.31 | 12.79 0.41 -1.95 | 12.42 0.38 -2.88 | 11.85 0.47 -0.46 | 13.16 0.49 0.00 | 14.49 0.65 0.00 | 15.47 0.75 0.00 | 16.38 0.81 -0.01 | 17.59 0.72 -0.05 | 21.23 0.87 -0.17 | 22.58 0.94 -0.22 | 23.22 0.90 -0.27 | 22.23 0.83 -0.22 | 24.13 1.03 -0.28 | 26.94 1.24 -0.37 | 26.68 1.42 -0.34 | 23.81 1.28 -0.87 | 21.93 1.43 -0.70 | 20.84 1.40 -0.24 | 18.93 1.17 -0.08 | 18.76 0.90 -3.09 |
| E_CANADA_MHWK_HY 24050 | 14.36 0.73 0.06 | 14.32 0.70 0.02 | 13.05 0.63 0.00 | 11.06 0.54 0.05 | 10.92 0.52 0.03 | 9.58 0.46 0.05 | 11.47 0.56 0.01 | 13.31 0.65 0.00 | 14.59 0.75 0.00 | 15.54 0.82 0.00 | 16.42 0.86 -0.01 | 17.75 0.87 -0.06 | 21.43 1.03 -0.21 | 22.74 1.05 -0.26 | 23.43 1.06 -0.32 | 22.42 0.98 -0.26 | 24.12 0.96 -0.33 | 26.89 1.11 -0.44 | 26.58 1.25 -0.41 | 23.04 1.13 -0.26 | 21.10 1.13 -0.18 | 20.46 1.09 -0.16 | 18.77 0.99 -0.09 | 15.52 0.80 0.05 |
| E_FISHKILL___LBMP 23776 | 17.12 1.16 -2.26 | 15.51 1.15 -0.73 | 13.45 1.03 0.00 | 13.55 0.89 -2.09 | 12.54 0.88 -1.23 | 11.73 0.75 -1.81 | 12.14 0.93 -0.29 | 13.67 1.00 0.00 | 15.02 1.18 0.00 | 16.09 1.37 0.00 | 17.07 1.51 0.00 | 18.60 1.78 0.00 | 22.36 2.16 0.00 | 23.74 2.31 0.00 | 24.38 2.34 0.00 | 23.86 2.29 -0.39 | 27.51 2.47 -2.22 | 28.32 2.76 -0.22 | 27.56 2.64 0.00 | 24.36 2.29 -0.41 | 22.14 2.00 -0.35 | 21.23 1.96 -0.06 | 19.45 1.77 0.00 | 18.12 1.40 -1.95 |
| FAR ROCKAWAY___4 23548 | 38.01 1.81 -22.50 | 22.22 1.77 -6.81 | 16.73 1.60 -2.71 | 13.98 1.32 -2.08 | 12.95 1.27 -1.24 | 12.10 1.15 -1.78 | 12.89 1.41 -0.56 | 18.75 1.57 -4.51 | 23.21 1.80 -7.57 | 24.96 2.04 -8.20 | 22.48 2.07 -4.85 | 23.96 2.40 -4.73 | 29.45 3.01 -6.24 | 31.34 3.21 -6.70 | 36.45 3.33 -11.08 | 39.70 3.22 -15.30 | 40.52 3.49 -14.20 | 52.68 3.88 -23.47 | 31.48 3.69 -2.87 | 29.24 3.19 -4.39 | 28.85 2.79 -6.25 | 24.73 2.69 -2.84 | 36.58 2.51 -16.39 | 41.10 2.01 -24.32 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 17.38 1.47 -2.21 | 15.81 1.46 -0.71 | 13.73 1.32 0.00 | 13.75 1.13 -2.04 | 12.74 1.11 -1.20 | 11.90 0.95 -1.78 | 12.38 1.17 -0.29 | 13.98 1.29 -0.02 | 15.57 1.52 -0.20 | 17.45 1.75 -0.98 | 19.32 1.91 -1.85 | 21.59 2.24 -2.54 | 22.92 2.73 0.00 | 24.76 2.94 -0.40 | 25.46 2.98 -0.44 | 26.81 2.90 -2.72 | 30.95 3.13 -5.00 | 29.33 3.50 -0.50 | 28.26 3.34 -0.01 | 25.15 2.90 -0.59 | 22.95 2.51 -0.63 | 23.12 2.46 -1.46 | 21.47 2.21 -1.58 | 18.47 1.77 -1.92 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 17.38 1.47 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.90 0.95 -1.78 | 12.38 1.17 -0.29 | 13.96 1.28 -0.02 | 15.55 1.51 -0.20 | 17.44 1.74 -0.98 | 19.31 1.90 -1.85 | 21.58 2.22 -2.54 | 22.92 2.73 0.00 | 24.74 2.91 -0.40 | 25.44 2.96 -0.44 | 26.81 2.90 -2.72 | 30.93 3.10 -5.00 | 29.31 3.47 -0.50 | 28.24 3.31 -0.01 | 25.13 2.88 -0.59 | 22.93 2.49 -0.63 | 23.12 2.46 -1.46 | 21.47 2.21 -1.58 | 18.45 1.76 -1.92 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 17.36 1.45 -2.21 | 15.78 1.43 -0.71 | 13.72 1.30 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.20 | 17.42 1.72 -0.98 | 19.29 1.88 -1.85 | 21.56 2.20 -2.54 | 22.88 2.69 0.00 | 24.71 2.89 -0.40 | 25.42 2.93 -0.44 | 26.76 2.86 -2.72 | 30.90 3.08 -5.00 | 29.28 3.45 -0.50 | 28.21 3.29 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.63 | 23.08 2.42 -1.46 | 21.45 2.19 -1.58 | 18.44 1.74 -1.92 |
| FARRAGUT____LBMP 323566 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.41 1.71 -0.98 | 19.27 1.87 -1.85 | 21.54 2.19 -2.54 | 22.88 2.69 0.00 | 24.69 2.87 -0.40 | 25.40 2.91 -0.44 | 26.75 2.84 -2.72 | 30.88 3.06 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.89 2.45 -0.63 | 23.08 2.42 -1.46 | 21.44 2.17 -1.58 | 18.44 1.74 -1.92 |
| FENNER____WINDPWR 24204 | 14.24 0.30 -0.25 | 13.95 0.23 -0.08 | 12.61 0.20 0.00 | 10.96 0.16 -0.23 | 10.71 0.15 -0.13 | 9.49 0.13 -0.20 | 11.14 0.19 -0.03 | 12.96 0.29 0.00 | 14.24 0.40 0.00 | 15.13 0.41 0.00 | 16.01 0.45 0.00 | 17.27 0.45 0.00 | 20.74 0.55 0.00 | 21.94 0.51 0.00 | 22.62 0.57 0.00 | 21.74 0.55 0.00 | 23.28 0.46 0.00 | 25.87 0.53 0.00 | 25.51 0.60 0.00 | 22.20 0.50 -0.04 | 20.41 0.57 -0.04 | 19.75 0.54 -0.01 | 18.18 0.49 0.00 | 15.37 0.38 -0.21 |
| FIBERTEK____ENERGY 23856 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| FITZPATRICK____ 23598 | 13.55 -0.29 -0.14 | 13.34 -0.34 -0.04 | 12.09 -0.32 0.00 | 10.43 -0.28 -0.13 | 10.24 -0.27 -0.07 | 9.03 -0.25 -0.11 | 10.65 -0.28 -0.02 | 12.36 -0.30 0.00 | 13.55 -0.29 0.00 | 14.36 -0.35 0.00 | 15.20 -0.36 0.00 | 16.40 -0.42 0.00 | 19.71 -0.48 0.00 | 20.89 -0.53 0.00 | 21.52 -0.53 0.00 | 20.66 -0.53 0.00 | 22.28 -0.55 0.00 | 24.68 -0.66 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.02 | 19.29 -0.53 -0.02 | 18.69 -0.52 0.00 | 17.23 -0.46 0.00 | 14.55 -0.34 -0.12 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 17.34 1.38 -2.26 | 15.72 1.35 -0.73 | 13.62 1.20 0.00 | 13.70 1.04 -2.09 | 12.67 1.00 -1.23 | 11.83 0.85 -1.81 | 12.25 1.04 -0.29 | 13.81 1.14 0.00 | 15.18 1.34 0.00 | 16.28 1.56 0.00 | 17.30 1.74 0.00 | 18.78 1.97 0.00 | 22.66 2.46 0.00 | 24.10 2.68 0.00 | 24.67 2.62 0.00 | 23.77 2.58 0.00 | 25.63 2.81 0.00 | 28.50 3.17 0.00 | 27.96 3.04 0.00 | 24.62 2.55 -0.41 | 22.50 2.35 -0.35 | 21.55 2.28 -0.07 | 19.77 2.09 0.00 | 18.39 1.67 -1.95 |
| FORT ORANGE____ 23900 | 17.36 0.85 -2.82 | 15.36 0.82 -0.90 | 13.15 0.73 0.00 | 13.81 0.63 -2.60 | 12.59 0.63 -1.53 | 11.98 0.55 -2.26 | 11.90 0.62 -0.36 | 13.31 0.65 0.00 | 14.60 0.76 0.00 | 15.60 0.88 0.00 | 16.53 0.96 -0.01 | 17.86 1.01 -0.04 | 21.51 1.17 -0.14 | 22.91 1.31 -0.18 | 23.50 1.23 -0.22 | 22.77 1.23 -0.35 | 25.43 1.37 -1.23 | 27.28 1.55 -0.40 | 26.74 1.55 -0.28 | 23.71 1.37 -0.69 | 21.60 1.25 -0.56 | 20.62 1.23 -0.19 | 18.85 1.10 -0.06 | 18.06 0.86 -2.43 |
| FORT_DRUM_COGEN 23780 | 14.06 0.27 -0.09 | 13.89 0.22 -0.03 | 12.61 0.20 0.00 | 10.77 0.12 -0.08 | 10.58 0.10 -0.05 | 9.35 0.12 -0.07 | 11.08 0.15 -0.01 | 12.93 0.27 0.00 | 14.27 0.43 0.00 | 15.16 0.44 0.00 | 15.90 0.40 0.06 | 16.94 0.37 0.25 | 19.72 0.44 0.92 | 20.60 0.34 1.17 | 20.96 0.35 1.44 | 20.38 0.34 1.15 | 21.29 -0.07 1.47 | 23.33 -0.05 1.95 | 23.31 0.22 1.83 | 20.66 0.17 1.17 | 19.65 0.65 0.80 | 19.12 0.63 0.71 | 17.82 0.55 0.42 | 15.26 0.41 -0.07 |
| FPL FAR_ROCK_GT1 24212 | 38.01 1.81 -22.50 | 22.22 1.77 -6.81 | 16.73 1.60 -2.71 | 13.98 1.32 -2.08 | 12.95 1.27 -1.24 | 12.10 1.15 -1.78 | 12.89 1.41 -0.56 | 18.75 1.57 -4.51 | 23.21 1.80 -7.57 | 24.96 2.04 -8.20 | 22.48 2.07 -4.85 | 23.96 2.40 -4.73 | 29.45 3.01 -6.24 | 31.34 3.21 -6.70 | 36.45 3.33 -11.08 | 39.70 3.22 -15.30 | 40.52 3.49 -14.20 | 52.68 3.88 -23.47 | 31.48 3.69 -2.87 | 29.24 3.19 -4.39 | 28.85 2.79 -6.25 | 24.73 2.69 -2.84 | 36.58 2.51 -16.39 | 41.10 2.01 -24.32 |
| FPL FAR_ROCK_GT2 23815 | 38.01 1.81 -22.50 | 22.22 1.77 -6.81 | 16.73 1.60 -2.71 | 13.98 1.32 -2.08 | 12.95 1.27 -1.24 | 12.10 1.15 -1.78 | 12.89 1.41 -0.56 | 18.75 1.57 -4.51 | 23.21 1.80 -7.57 | 24.96 2.04 -8.20 | 22.48 2.07 -4.85 | 23.96 2.40 -4.73 | 29.45 3.01 -6.24 | 31.34 3.21 -6.70 | 36.45 3.33 -11.08 | 39.70 3.22 -15.30 | 40.52 3.49 -14.20 | 52.68 3.88 -23.47 | 31.48 3.69 -2.87 | 29.24 3.19 -4.39 | 28.85 2.79 -6.25 | 24.73 2.69 -2.84 | 36.58 2.51 -16.39 | 41.10 2.01 -24.32 |
| FRANKLIN_FALL_HYD 24054 | 13.11 -0.59 0.00 | 13.14 -0.50 0.00 | 11.99 -0.42 0.00 | 10.22 -0.36 0.00 | 10.11 -0.32 0.00 | 8.92 -0.25 0.00 | 10.58 -0.34 0.00 | 12.33 -0.34 0.00 | 13.40 -0.44 0.00 | 14.28 -0.44 0.00 | 14.74 -0.54 0.27 | 15.05 -0.57 1.19 | 15.06 -0.77 4.36 | 15.08 -0.79 5.55 | 14.38 -0.84 6.83 | 14.95 -0.76 5.47 | 15.05 -0.80 6.98 | 15.16 -0.89 9.29 | 15.39 -0.80 8.72 | 15.34 -0.69 5.62 | 15.31 -0.59 3.89 | 15.17 -0.63 3.40 | 15.08 -0.62 1.98 | 14.27 -0.50 0.00 |
| FREEPORT_EQUS_GT1 23764 | 25.99 1.73 -10.57 | 18.67 1.70 -3.33 | 15.07 1.54 -1.11 | 13.90 1.27 -2.06 | 12.86 1.21 -1.22 | 12.05 1.11 -1.78 | 12.81 1.35 -0.54 | 16.41 1.52 -2.22 | 19.91 1.74 -4.32 | 22.38 1.99 -5.67 | 21.72 2.13 -4.03 | 22.81 2.46 -3.54 | 25.79 3.03 -2.57 | 27.42 3.24 -2.76 | 29.94 3.33 -4.56 | 32.62 3.12 -8.32 | 35.37 3.38 -9.17 | 40.89 3.78 -11.78 | 29.95 3.61 -1.42 | 27.24 3.23 -2.35 | 25.86 2.81 -3.25 | 23.57 2.73 -1.64 | 26.96 2.53 -6.75 | 27.95 2.04 -11.14 |
| FREEPORT____CT2 23818 | 25.99 1.73 -10.57 | 18.67 1.70 -3.33 | 15.07 1.54 -1.11 | 13.90 1.27 -2.06 | 12.86 1.21 -1.22 | 12.05 1.11 -1.78 | 12.81 1.35 -0.54 | 16.41 1.52 -2.22 | 19.91 1.74 -4.32 | 22.38 1.99 -5.67 | 21.72 2.13 -4.03 | 22.81 2.46 -3.54 | 25.79 3.03 -2.57 | 27.42 3.24 -2.76 | 29.94 3.33 -4.56 | 32.62 3.12 -8.32 | 35.37 3.38 -9.17 | 40.89 3.78 -11.78 | 29.95 3.61 -1.42 | 27.24 3.23 -2.35 | 25.86 2.81 -3.25 | 23.57 2.73 -1.64 | 26.96 2.53 -6.75 | 27.95 2.04 -11.14 |
| FULTON COGEN____ 23766 | 13.83 -0.04 -0.17 | 13.59 -0.11 -0.06 | 12.29 -0.12 0.00 | 10.63 -0.11 -0.16 | 10.40 -0.12 -0.10 | 9.20 -0.11 -0.14 | 10.83 -0.11 -0.02 | 12.63 -0.04 0.00 | 13.87 0.03 0.00 | 14.66 -0.06 0.00 | 15.53 -0.03 0.00 | 16.75 -0.07 0.00 | 20.13 -0.06 0.00 | 21.34 -0.09 0.00 | 22.03 -0.02 0.00 | 21.15 -0.04 0.00 | 22.78 -0.05 0.00 | 25.26 -0.08 0.00 | 24.82 -0.10 0.00 | 21.60 -0.09 -0.03 | 19.71 -0.12 -0.03 | 19.09 -0.11 -0.01 | 17.60 -0.09 0.00 | 14.86 -0.06 -0.15 |
| FULTON____LFGE 323630 | 18.72 1.60 -3.42 | 16.17 1.43 -1.10 | 13.65 1.23 0.00 | 14.78 1.05 -3.15 | 13.32 1.03 -1.86 | 12.83 0.93 -2.74 | 12.46 1.10 -0.44 | 13.86 1.19 0.00 | 15.25 1.41 0.00 | 16.25 1.53 0.00 | 17.20 1.63 -0.01 | 18.33 1.46 -0.05 | 22.16 1.78 -0.19 | 23.63 1.97 -0.24 | 24.30 1.96 -0.29 | 23.20 1.78 -0.23 | 25.41 2.28 -0.30 | 28.42 2.68 -0.40 | 28.28 2.99 -0.37 | 25.20 2.69 -0.86 | 23.34 2.85 -0.69 | 22.29 2.84 -0.24 | 20.18 2.40 -0.08 | 19.68 1.97 -2.94 |

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| G.F.CEMENT___DRP 24184 | 18.25 1.51 -3.05 | 16.01 1.39 -0.98 | 13.65 1.23 0.00 | 14.44 1.05 -2.81 | 13.13 1.04 -1.66 | 12.55 0.94 -2.44 | 12.41 1.10 -0.39 | 13.90 1.23 0.00 | 15.32 1.48 0.00 | 16.44 1.72 0.00 | 17.31 1.74 -0.01 | 18.56 1.68 -0.06 | 22.36 1.96 -0.21 | 23.87 2.19 -0.26 | 24.40 2.03 -0.32 | 23.29 1.84 -0.26 | 25.39 2.24 -0.33 | 28.31 2.53 -0.44 | 28.19 2.86 -0.41 | 25.01 2.53 -0.81 | 23.02 2.57 -0.65 | 21.99 2.53 -0.25 | 19.97 2.19 -0.09 | 19.15 1.76 -2.62 |
| GARDENVILLE___LBMP 24039 | 13.68 -0.40 -0.38 | 13.18 -0.59 -0.12 | 11.83 -0.58 0.00 | 10.43 -0.50 -0.35 | 10.17 -0.47 -0.21 | 9.02 -0.45 -0.31 | 10.45 -0.51 -0.05 | 14.17 -0.51 -2.01 | 24.84 -0.43 -11.43 | 27.29 -0.16 -12.73 | 34.39 -0.05 -18.88 | 37.23 -0.32 -20.73 | 55.51 -0.04 -35.35 | 61.12 -0.21 -39.91 | 67.09 0.22 -44.82 | 35.22 -0.51 -14.54 | 37.99 -0.41 -15.57 | 40.66 -0.51 -15.83 | 31.55 -0.50 -7.13 | 22.80 -0.39 -1.53 | 19.25 -0.65 -0.10 | 19.09 -0.50 -0.38 | 17.20 -0.51 -0.02 | 14.61 -0.49 -0.33 |
| GENERAL___MILLS 23808 | 13.72 -0.36 -0.38 | 13.23 -0.53 -0.12 | 11.88 -0.53 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.49 -0.48 -0.05 | 14.43 -0.46 -2.21 | 26.02 -0.37 -12.55 | 28.61 -0.09 -13.98 | 36.30 0.02 -20.73 | 39.33 -0.25 -22.76 | 59.07 0.06 -38.82 | 66.93 -0.11 -45.61 | 72.34 0.33 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.95 -0.38 -17.99 | 32.62 -0.40 -8.11 | 23.09 -0.30 -1.74 | 19.34 -0.57 -0.11 | 19.24 -0.40 -0.44 | 17.27 -0.44 -0.03 | 14.67 -0.43 -0.33 |
| GE_PLASTICS___DRP 24183 | 17.26 0.74 -2.82 | 15.27 0.72 -0.91 | 13.06 0.65 0.00 | 13.73 0.55 -2.60 | 12.51 0.54 -1.53 | 11.90 0.48 -2.26 | 11.83 0.55 -0.36 | 13.24 0.57 0.00 | 14.52 0.68 0.00 | 15.51 0.79 0.00 | 16.41 0.86 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.70 1.37 0.00 | 26.29 1.37 0.00 | 23.38 1.21 -0.51 | 21.34 1.11 -0.43 | 20.38 1.09 -0.08 | 18.68 0.99 0.00 | 17.97 0.77 -2.43 |
| GILBOA___1 23756 | 16.53 0.66 -2.18 | 14.98 0.64 -0.70 | 12.99 0.57 0.00 | 13.07 0.49 -2.01 | 12.10 0.48 -1.18 | 11.33 0.41 -1.75 | 11.70 0.50 -0.28 | 13.21 0.54 0.00 | 14.51 0.66 0.00 | 15.48 0.76 0.00 | 16.41 0.86 0.00 | 17.78 0.96 0.00 | 21.34 1.15 0.00 | 22.64 1.22 0.00 | 23.28 1.23 0.00 | 22.39 1.21 0.00 | 24.08 1.25 0.00 | 26.73 1.39 0.00 | 26.26 1.34 0.00 | 23.29 1.23 -0.39 | 21.24 1.11 -0.33 | 20.34 1.07 -0.06 | 18.68 0.99 0.00 | 17.42 0.77 -1.88 |
| GILBOA___2 23757 | 16.53 0.66 -2.18 | 14.98 0.64 -0.70 | 12.99 0.57 0.00 | 13.07 0.49 -2.01 | 12.10 0.48 -1.18 | 11.33 0.41 -1.75 | 11.70 0.50 -0.28 | 13.21 0.54 0.00 | 14.51 0.66 0.00 | 15.48 0.76 0.00 | 16.41 0.86 0.00 | 17.78 0.96 0.00 | 21.34 1.15 0.00 | 22.64 1.22 0.00 | 23.28 1.23 0.00 | 22.39 1.21 0.00 | 24.08 1.25 0.00 | 26.73 1.39 0.00 | 26.26 1.34 0.00 | 23.29 1.23 -0.39 | 21.24 1.11 -0.33 | 20.34 1.07 -0.06 | 18.68 0.99 0.00 | 17.42 0.77 -1.88 |
| GILBOA___3 23758 | 16.53 0.66 -2.18 | 14.98 0.64 -0.70 | 12.99 0.57 0.00 | 13.07 0.49 -2.01 | 12.10 0.48 -1.18 | 11.33 0.41 -1.75 | 11.70 0.50 -0.28 | 13.21 0.54 0.00 | 14.51 0.66 0.00 | 15.48 0.76 0.00 | 16.41 0.86 0.00 | 17.78 0.96 0.00 | 21.34 1.15 0.00 | 22.64 1.22 0.00 | 23.28 1.23 0.00 | 22.39 1.21 0.00 | 24.08 1.25 0.00 | 26.73 1.39 0.00 | 26.26 1.34 0.00 | 23.29 1.23 -0.39 | 21.24 1.11 -0.33 | 20.34 1.07 -0.06 | 18.68 0.99 0.00 | 17.42 0.77 -1.88 |
| GILBOA___4 23759 | 16.53 0.66 -2.18 | 14.98 0.64 -0.70 | 12.99 0.57 0.00 | 13.07 0.49 -2.01 | 12.10 0.48 -1.18 | 11.33 0.41 -1.75 | 11.70 0.50 -0.28 | 13.21 0.54 0.00 | 14.51 0.66 0.00 | 15.48 0.76 0.00 | 16.41 0.86 0.00 | 17.78 0.96 0.00 | 21.34 1.15 0.00 | 22.64 1.22 0.00 | 23.28 1.23 0.00 | 22.39 1.21 0.00 | 24.08 1.25 0.00 | 26.73 1.39 0.00 | 26.26 1.34 0.00 | 23.29 1.23 -0.39 | 21.24 1.11 -0.33 | 20.34 1.07 -0.06 | 18.68 0.99 0.00 | 17.42 0.77 -1.88 |
| GILBOA____ 23599 | 16.53 0.66 -2.18 | 14.98 0.64 -0.70 | 12.99 0.57 0.00 | 13.07 0.49 -2.01 | 12.10 0.48 -1.18 | 11.33 0.41 -1.75 | 11.70 0.50 -0.28 | 13.21 0.54 0.00 | 14.51 0.66 0.00 | 15.48 0.76 0.00 | 16.41 0.86 0.00 | 17.78 0.96 0.00 | 21.34 1.15 0.00 | 22.64 1.22 0.00 | 23.28 1.23 0.00 | 22.39 1.21 0.00 | 24.08 1.25 0.00 | 26.73 1.39 0.00 | 26.26 1.34 0.00 | 23.29 1.23 -0.39 | 21.24 1.11 -0.33 | 20.34 1.07 -0.06 | 18.68 0.99 0.00 | 17.42 0.77 -1.88 |
| GINNA____ 23603 | 13.06 -0.90 -0.27 | 12.70 -1.02 -0.09 | 11.47 -0.94 0.00 | 9.99 -0.84 -0.25 | 9.76 -0.81 -0.14 | 8.65 -0.72 -0.21 | 10.10 -0.85 -0.03 | 11.73 -0.94 0.00 | 12.94 -0.90 0.00 | 13.83 -0.88 0.00 | 14.72 -0.84 0.00 | 15.81 -1.01 0.00 | 19.02 -1.17 0.00 | 20.14 -1.28 0.00 | 20.79 -1.26 0.00 | 19.52 -1.36 0.31 | 21.12 -1.37 0.33 | 23.48 -1.60 0.26 | 23.38 -1.42 0.12 | 20.41 -1.28 -0.02 | 18.57 -1.27 -0.04 | 17.96 -1.25 0.00 | 16.55 -1.13 0.00 | 14.06 -0.95 -0.23 |
| GLEN PARK____ 23778 | 14.12 0.33 -0.09 | 13.94 0.27 -0.03 | 12.66 0.25 0.00 | 10.82 0.16 -0.08 | 10.62 0.14 -0.05 | 9.39 0.16 -0.07 | 11.13 0.20 -0.01 | 13.00 0.33 0.00 | 14.34 0.50 0.00 | 15.23 0.51 0.00 | 15.99 0.48 0.05 | 17.03 0.45 0.24 | 19.87 0.55 0.87 | 20.75 0.43 1.11 | 21.13 0.44 1.36 | 20.52 0.42 1.09 | 21.44 0.00 1.39 | 23.51 0.03 1.85 | 23.53 0.35 1.74 | 20.84 0.28 1.10 | 19.83 0.79 0.76 | 19.28 0.75 0.67 | 17.95 0.65 0.39 | 15.34 0.49 -0.08 |
| GLENWOOD_IC_1_G5 23712 | 23.36 1.57 -8.09 | 17.79 1.54 -2.60 | 14.59 1.39 -0.78 | 13.79 1.16 -2.05 | 12.76 1.12 -1.21 | 11.94 1.00 -1.78 | 12.67 1.22 -0.53 | 15.78 1.37 -1.75 | 19.08 1.59 -3.65 | 21.69 1.82 -5.15 | 21.42 2.01 -3.86 | 22.44 2.34 -3.29 | 24.88 2.89 -1.80 | 26.45 3.09 -1.94 | 28.27 3.02 -3.20 | 30.98 2.92 -6.87 | 34.10 3.15 -8.12 | 38.20 3.52 -9.34 | 29.37 3.34 -1.12 | 26.62 3.03 -1.93 | 25.06 2.63 -2.63 | 23.16 2.57 -1.39 | 24.76 2.33 -4.74 | 25.04 1.88 -8.39 |
| GLENWOOD_IC_2_G1 23688 | 20.40 1.47 -5.24 | 16.86 1.45 -1.77 | 14.12 1.30 -0.40 | 13.72 1.10 -2.05 | 12.70 1.06 -1.20 | 11.89 0.94 -1.78 | 12.59 1.15 -0.53 | 15.15 1.28 -1.20 | 18.19 1.48 -2.87 | 20.97 1.71 -4.54 | 21.08 1.87 -3.66 | 22.00 2.19 -3.00 | 23.81 2.69 -0.92 | 25.29 2.87 -0.99 | 26.60 2.91 -1.65 | 29.23 2.84 -5.20 | 32.80 3.06 -6.92 | 35.31 3.42 -6.55 | 28.92 3.24 -0.77 | 25.94 2.84 -1.44 | 24.16 2.45 -1.91 | 22.70 2.40 -1.10 | 22.30 2.17 -2.44 | 21.76 1.74 -5.25 |
| GLENWOOD_IC_3_G1 23689 | 20.40 1.47 -5.24 | 16.86 1.45 -1.77 | 14.12 1.30 -0.40 | 13.72 1.10 -2.05 | 12.70 1.06 -1.20 | 11.89 0.94 -1.78 | 12.59 1.15 -0.53 | 15.15 1.28 -1.20 | 18.19 1.48 -2.87 | 20.97 1.71 -4.54 | 21.08 1.87 -3.66 | 22.00 2.19 -3.00 | 23.81 2.69 -0.92 | 25.29 2.87 -0.99 | 26.60 2.91 -1.65 | 29.23 2.84 -5.20 | 32.80 3.06 -6.92 | 35.31 3.42 -6.55 | 28.92 3.24 -0.77 | 25.94 2.84 -1.44 | 24.16 2.45 -1.91 | 22.70 2.40 -1.10 | 22.30 2.17 -2.44 | 21.76 1.74 -5.25 |
| GLENWOOD___4 23550 | 23.36 1.57 -8.09 | 17.79 1.54 -2.60 | 14.59 1.39 -0.78 | 13.79 1.16 -2.05 | 12.76 1.12 -1.21 | 11.94 1.00 -1.78 | 12.67 1.22 -0.53 | 15.78 1.37 -1.75 | 19.08 1.59 -3.65 | 21.69 1.82 -5.15 | 21.42 2.01 -3.86 | 22.44 2.34 -3.29 | 24.88 2.89 -1.80 | 26.45 3.09 -1.94 | 28.31 3.06 -3.20 | 31.04 2.99 -6.87 | 34.17 3.22 -8.12 | 38.26 3.57 -9.34 | 29.42 3.39 -1.12 | 26.62 3.03 -1.93 | 25.06 2.63 -2.63 | 23.16 2.57 -1.39 | 24.76 2.33 -4.74 | 25.04 1.88 -8.39 |

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|--|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|
| GLENWOOD___5 23614 | 23.36 1.57 -8.09 | 17.79 1.54 -2.60 | 14.59 1.39 -0.78 | 13.79 1.16 -2.05 | 12.76 1.12 -1.21 | 11.94 1.00 -1.78 | 12.67 1.22 -0.53 | 15.78 1.37 -1.75 | 19.08 1.59 -3.65 | 21.69 1.82 -5.15 | 21.42 2.01 -3.86 | 22.44 2.34 -3.29 | 24.88 2.89 -1.80 | 26.45 3.09 -1.94 | 28.31 3.06 -3.20 | 31.04 2.99 -6.87 | 34.17 3.22 -8.12 | 38.26 3.57 -9.34 | 29.42 3.39 -1.12 | 26.62 3.03 -1.93 | 25.06 2.63 -2.63 | 23.16 2.57 -1.39 | 24.76 2.33 -4.74 | 25.04 1.88 -8.39 |
| GLOBAL GREEN_PORT_GT1 23814 | 19.89 2.75 -3.44 | 17.73 2.84 -1.25 | 15.13 2.56 -0.16 | 14.71 2.09 -2.04 | 13.64 2.00 -1.20 | 12.77 1.82 -1.78 | 13.66 2.22 -0.52 | 16.19 2.66 -0.86 | 19.21 2.99 -2.38 | 22.25 3.37 -4.16 | 23.00 3.90 -3.54 | 24.22 4.57 -2.83 | 26.06 5.49 -0.37 | 27.44 5.61 -0.40 | 28.87 6.15 -0.67 | 31.47 6.12 -4.16 | 35.29 6.30 -6.16 | 37.48 7.35 -4.79 | 32.90 7.43 -0.56 | 28.99 6.19 -1.14 | 26.65 5.38 -1.46 | 25.39 5.26 -0.92 | 23.08 4.40 -0.99 | 21.37 3.34 -3.26 |
| GLOBE___DSASP 323697 | 12.99 -1.05 -0.35 | 12.54 -1.21 -0.11 | 11.27 -1.14 0.00 | 9.96 -0.94 -0.32 | 9.74 -0.89 -0.19 | 8.61 -0.82 -0.26 | 9.96 -0.98 -0.02 | 11.05 -1.09 0.53 | 9.87 -1.07 2.91 | 10.62 -0.85 3.24 | 9.99 -0.78 4.79 | 10.44 -1.11 5.26 | 10.24 -0.99 8.96 | 10.06 -1.22 10.14 | 9.84 -0.84 11.37 | 13.83 -1.50 5.85 | 15.08 -1.48 6.26 | 16.70 -1.87 6.76 | 19.97 -1.82 3.13 | 19.53 -1.54 0.60 | 18.13 -1.68 -0.01 | 17.51 -1.52 0.17 | 16.24 -1.45 0.00 | 13.85 -1.23 -0.30 |
| GOETHSLN___LBMP 323567 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.71 1.07 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.94 1.25 -0.02 | 15.53 1.48 -0.20 | 17.41 1.71 -0.98 | 19.27 1.87 -1.85 | 21.53 2.17 -2.54 | 22.86 2.67 0.00 | 24.65 2.83 -0.40 | 25.33 2.85 -0.44 | 26.70 2.80 -2.72 | 30.81 2.99 -5.00 | 29.21 3.37 -0.50 | 28.09 3.16 -0.01 | 25.05 2.80 -0.59 | 22.89 2.45 -0.63 | 23.06 2.40 -1.46 | 21.42 2.16 -1.58 | 18.41 1.71 -1.92 |
| GOODYEAR_LAKE_HYD 323669 | 14.90 0.56 -0.64 | 14.35 0.50 -0.21 | 12.86 0.45 0.00 | 11.53 0.36 -0.59 | 11.14 0.35 -0.35 | 10.00 0.32 -0.51 | 11.40 0.40 -0.08 | 13.15 0.48 0.00 | 14.46 0.62 0.00 | 15.45 0.74 0.00 | 16.35 0.79 0.00 | 17.67 0.86 0.00 | 21.24 1.05 0.00 | 22.49 1.07 0.00 | 23.15 1.10 0.00 | 22.46 1.04 -0.23 | 24.08 1.00 -0.25 | 26.67 1.14 -0.19 | 26.23 1.22 -0.09 | 22.85 1.06 -0.13 | 21.00 1.11 -0.10 | 20.30 1.07 -0.02 | 18.64 0.95 0.00 | 16.05 0.72 -0.55 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 14.65 0.23 -0.72 | 14.02 0.15 -0.23 | 12.53 0.11 0.00 | 11.33 0.09 -0.66 | 10.91 0.08 -0.39 | 9.80 0.06 -0.57 | 11.11 0.10 -0.09 | 12.87 0.16 -0.04 | 14.34 0.26 -0.24 | 15.30 0.32 -0.26 | 16.34 0.39 -0.39 | 17.62 0.37 -0.43 | 21.46 0.52 -0.74 | 22.45 0.51 -0.52 | 23.51 0.66 -0.80 | 22.24 0.49 -0.57 | 23.96 0.53 -0.61 | 26.42 0.61 -0.48 | 25.73 0.60 -0.22 | 22.35 0.52 -0.17 | 20.30 0.40 -0.11 | 19.66 0.42 -0.03 | 18.07 0.39 0.00 | 15.68 0.30 -0.62 |
| GOUDEY___7 23579 | 14.66 0.25 -0.72 | 14.03 0.16 -0.23 | 12.54 0.12 0.00 | 11.34 0.11 -0.66 | 10.92 0.09 -0.39 | 9.81 0.07 -0.57 | 11.12 0.11 -0.09 | 12.89 0.18 -0.04 | 14.36 0.28 -0.24 | 15.32 0.34 -0.26 | 16.35 0.40 -0.39 | 17.65 0.40 -0.43 | 21.48 0.55 -0.74 | 22.48 0.54 -0.52 | 23.53 0.68 -0.80 | 22.26 0.51 -0.57 | 23.98 0.55 -0.61 | 26.45 0.63 -0.48 | 25.76 0.62 -0.22 | 22.37 0.54 -0.17 | 20.32 0.42 -0.11 | 19.68 0.44 -0.03 | 18.09 0.41 0.00 | 15.70 0.31 -0.62 |
| GOUDEY___8 23580 | 14.65 0.23 -0.72 | 14.02 0.15 -0.23 | 12.53 0.11 0.00 | 11.33 0.09 -0.66 | 10.91 0.08 -0.39 | 9.80 0.06 -0.57 | 11.11 0.10 -0.09 | 12.87 0.16 -0.04 | 14.34 0.26 -0.24 | 15.30 0.32 -0.26 | 16.34 0.39 -0.39 | 17.62 0.37 -0.43 | 21.46 0.52 -0.74 | 22.45 0.51 -0.52 | 23.51 0.66 -0.80 | 22.24 0.49 -0.57 | 23.96 0.53 -0.61 | 26.42 0.61 -0.48 | 25.73 0.60 -0.22 | 22.35 0.52 -0.17 | 20.30 0.40 -0.11 | 19.66 0.42 -0.03 | 18.07 0.39 0.00 | 15.68 0.30 -0.62 |
| GOWANUS_GT1_1 24077 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_2 24078 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_3 24079 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_4 24080 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_5 24084 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_6 24111 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT1_7 24112 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT1_8 24113 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_1 24114 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_2 24115 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_3 24116 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_4 24117 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_5 24118 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_6 24119 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_7 24120 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT2_8 24121 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_1 24122 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_2 24123 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_3 24124 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_4 24125 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_5 24126 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_6 24127 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |

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|---|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT3_7 24128 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT3_8 24129 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_1 24130 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_2 24131 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_3 24132 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_4 24133 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_5 24134 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_6 24135 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_7 24136 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GOWANUS_GT4_8 24137 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GREENIDGE___3 23582 | 14.18 0.04 -0.44 | 13.69 -0.09 -0.14 | 12.29 -0.12 0.00 | 10.87 -0.12 -0.41 | 10.55 -0.12 -0.24 | 9.40 -0.12 -0.35 | 10.87 -0.11 -0.06 | 12.95 0.01 -0.27 | 15.46 0.11 -1.51 | 16.55 0.15 -1.68 | 18.24 0.19 -2.50 | 19.63 0.07 -2.74 | 24.85 -0.02 -4.67 | 26.64 -0.09 -5.30 | 28.11 0.13 -5.93 | 22.11 0.09 -0.83 | 23.70 -0.02 -0.89 | 26.07 0.03 -0.70 | 25.32 0.07 -0.33 | 21.87 0.07 -0.14 | 19.95 0.08 -0.07 | 19.31 0.08 -0.03 | 17.90 0.21 0.00 | 15.28 0.13 -0.38 |
| GREENIDGE___4 23583 | 14.18 0.04 -0.44 | 13.69 -0.09 -0.14 | 12.29 -0.12 0.00 | 10.87 -0.12 -0.41 | 10.55 -0.12 -0.24 | 9.40 -0.12 -0.35 | 10.87 -0.11 -0.06 | 12.95 0.01 -0.27 | 15.46 0.11 -1.51 | 16.55 0.15 -1.68 | 18.24 0.19 -2.50 | 19.63 0.07 -2.74 | 24.85 -0.02 -4.67 | 26.64 -0.09 -5.30 | 28.11 0.13 -5.93 | 22.11 0.09 -0.83 | 23.70 -0.02 -0.89 | 26.07 0.03 -0.70 | 25.32 0.07 -0.33 | 21.87 0.07 -0.14 | 19.95 0.08 -0.07 | 19.31 0.08 -0.03 | 17.90 0.21 0.00 | 15.28 0.13 -0.38 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| GROVEVILLE___HYD 323602 | 17.34 1.38 -2.26 | 15.72 1.35 -0.73 | 13.62 1.20 0.00 | 13.70 1.04 -2.09 | 12.67 1.00 -1.23 | 11.83 0.85 -1.81 | 12.25 1.04 -0.29 | 13.81 1.14 0.00 | 15.18 1.34 0.00 | 16.28 1.56 0.00 | 17.30 1.74 0.00 | 18.78 1.97 0.00 | 22.66 2.46 0.00 | 24.10 2.68 0.00 | 24.67 2.62 0.00 | 23.77 2.58 0.00 | 25.63 2.81 0.00 | 28.50 3.17 0.00 | 27.96 3.04 0.00 | 24.62 2.55 -0.41 | 22.50 2.35 -0.35 | 21.55 2.28 -0.07 | 19.77 2.09 0.00 | 18.39 1.67 -1.95 |
| HAMPSHIRE___PAPER_HYD 323593 | 13.56 -0.14 0.00 | 13.50 -0.14 0.00 | 12.30 -0.11 0.00 | 10.46 -0.12 0.00 | 10.32 -0.11 0.00 | 9.08 -0.08 0.00 | 10.80 -0.12 0.00 | 12.58 -0.09 0.00 | 13.77 -0.07 0.00 | 14.64 -0.07 0.00 | 15.27 -0.14 0.15 | 15.98 -0.17 0.67 | 17.50 -0.24 2.46 | 17.98 -0.32 3.13 | 17.87 -0.33 3.84 | 17.79 -0.32 3.08 | 18.33 -0.57 3.93 | 19.47 -0.63 5.23 | 19.48 -0.52 4.91 | 18.02 -0.48 3.17 | 17.45 -0.16 2.19 | 17.15 -0.13 1.92 | 16.45 -0.12 1.12 | 14.70 -0.07 0.00 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HARDSCRABBLE_WT_PWR 323673 | 14.23 0.59 0.06 | 14.19 0.57 0.02 | 12.94 0.52 0.00 | 10.96 0.43 0.05 | 10.82 0.42 0.03 | 9.49 0.38 0.05 | 11.36 0.45 0.01 | 13.19 0.52 0.00 | 14.46 0.62 0.00 | 15.39 0.68 0.00 | 16.27 0.70 -0.01 | 17.56 0.69 -0.06 | 21.19 0.79 -0.21 | 22.48 0.79 -0.26 | 23.16 0.79 -0.32 | 22.17 0.72 -0.26 | 23.84 0.68 -0.33 | 26.61 0.83 -0.44 | 26.30 0.97 -0.41 | 22.80 0.89 -0.26 | 20.90 0.93 -0.18 | 20.27 0.90 -0.16 | 18.59 0.81 -0.09 | 15.37 0.65 0.05 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 17.03 1.25 -2.08 | 15.52 1.21 -0.67 | 13.50 1.08 0.00 | 13.43 0.93 -1.92 | 12.46 0.90 -1.13 | 11.61 0.77 -1.67 | 12.13 0.94 -0.27 | 13.71 1.04 0.00 | 15.07 1.23 0.00 | 16.16 1.44 0.00 | 17.16 1.60 0.00 | 18.62 1.80 0.00 | 22.44 2.24 0.00 | 23.84 2.42 0.00 | 24.45 2.40 0.00 | 26.93 2.35 -3.39 | 44.86 2.56 -19.48 | 30.13 2.86 -1.93 | 27.66 2.74 0.00 | 24.35 2.32 -0.38 | 22.24 2.12 -0.32 | 21.34 2.07 -0.06 | 19.58 1.89 0.00 | 18.08 1.51 -1.79 |
| HARZA MOOSE__RIVER 24016 | 13.97 0.27 0.00 | 13.87 0.23 0.00 | 12.63 0.21 0.00 | 10.71 0.14 0.00 | 10.57 0.14 0.00 | 9.30 0.14 0.00 | 11.09 0.17 0.00 | 12.92 0.25 0.00 | 14.21 0.37 0.00 | 15.13 0.41 0.00 | 15.93 0.40 0.03 | 17.08 0.40 0.15 | 20.13 0.46 0.53 | 21.15 0.41 0.68 | 21.63 0.42 0.83 | 20.95 0.42 0.67 | 22.16 0.18 0.85 | 24.43 0.23 1.13 | 24.25 0.40 1.06 | 21.28 0.30 0.68 | 19.92 0.59 0.47 | 19.35 0.56 0.41 | 17.94 0.49 0.24 | 15.14 0.37 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.42 1.71 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.46 2.17 -1.60 | 18.45 1.76 -1.92 |
| HEMPSTEAD____ 23647 | 24.13 1.59 -8.84 | 18.05 1.58 -2.82 | 14.72 1.43 -0.88 | 13.80 1.17 -2.05 | 12.77 1.13 -1.21 | 11.97 1.03 -1.78 | 12.70 1.24 -0.53 | 15.95 1.39 -1.89 | 19.30 1.60 -3.85 | 21.86 1.84 -5.31 | 21.46 1.99 -3.91 | 22.48 2.30 -3.36 | 25.08 2.85 -2.03 | 26.63 3.02 -2.19 | 28.73 3.06 -3.62 | 31.44 2.94 -7.31 | 34.46 3.20 -8.44 | 38.97 3.55 -10.08 | 29.51 3.39 -1.21 | 26.71 2.99 -2.06 | 25.23 2.61 -2.82 | 23.20 2.53 -1.46 | 25.37 2.33 -5.35 | 25.89 1.89 -9.23 |
| HICKLING__1 23621 | 14.48 0.22 -0.56 | 13.90 0.08 -0.18 | 12.45 0.04 0.00 | 11.12 0.02 -0.52 | 10.75 0.01 -0.31 | 9.61 -0.01 -0.45 | 11.00 0.01 -0.07 | 13.14 0.15 -0.32 | 15.91 0.26 -1.80 | 17.11 0.38 -2.01 | 19.01 0.48 -2.97 | 20.50 0.42 -3.27 | 26.39 0.63 -5.57 | 28.39 0.60 -6.36 | 30.02 0.88 -7.09 | 25.00 0.57 -3.24 | 26.89 0.59 -3.47 | 29.47 0.68 -3.44 | 27.16 0.70 -1.55 | 22.66 0.59 -0.42 | 20.27 0.38 -0.10 | 19.72 0.42 -0.10 | 18.08 0.39 -0.01 | 15.55 0.30 -0.48 |
| HICKLING__2 23622 | 14.48 0.22 -0.56 | 13.90 0.08 -0.18 | 12.45 0.04 0.00 | 11.12 0.02 -0.52 | 10.75 0.01 -0.31 | 9.61 -0.01 -0.45 | 11.00 0.01 -0.07 | 13.14 0.15 -0.32 | 15.91 0.26 -1.80 | 17.11 0.38 -2.01 | 19.01 0.48 -2.97 | 20.50 0.42 -3.27 | 26.39 0.63 -5.57 | 28.39 0.60 -6.36 | 30.02 0.88 -7.09 | 25.00 0.57 -3.24 | 26.89 0.59 -3.47 | 29.47 0.68 -3.44 | 27.16 0.70 -1.55 | 22.66 0.59 -0.42 | 20.27 0.38 -0.10 | 19.72 0.42 -0.10 | 18.08 0.39 -0.01 | 15.55 0.30 -0.48 |
| HIGH FALLS__HY 23754 | 17.07 1.16 -2.21 | 15.47 1.12 -0.71 | 13.42 1.01 0.00 | 13.47 0.86 -2.04 | 12.47 0.83 -1.20 | 11.64 0.71 -1.77 | 12.08 0.87 -0.28 | 13.62 0.95 0.00 | 14.96 1.12 0.00 | 16.03 1.31 0.00 | 17.00 1.45 0.00 | 18.45 1.63 0.00 | 22.26 2.06 0.00 | 23.63 2.21 0.00 | 24.23 2.18 0.00 | 23.37 2.18 0.00 | 25.18 2.35 0.00 | 28.02 2.68 0.00 | 27.51 2.59 0.00 | 24.24 2.19 -0.40 | 22.21 2.08 -0.34 | 21.28 2.02 -0.06 | 19.52 1.84 0.00 | 18.12 1.45 -1.90 |
| HILLBURN__GT 23639 | 17.04 1.23 -2.11 | 15.53 1.21 -0.68 | 13.51 1.09 0.00 | 13.46 0.93 -1.95 | 12.49 0.91 -1.15 | 11.64 0.78 -1.69 | 12.15 0.96 -0.27 | 13.73 1.06 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.17 1.62 0.00 | 18.70 1.88 0.00 | 22.52 2.32 0.00 | 23.91 2.48 0.00 | 24.54 2.49 0.00 | 26.24 2.44 -2.61 | 40.47 2.62 -15.02 | 29.76 2.94 -1.48 | 27.73 2.81 0.00 | 24.47 2.43 -0.38 | 22.26 2.14 -0.32 | 21.36 2.09 -0.06 | 19.58 1.89 0.00 | 18.10 1.51 -1.82 |
| HISHELDN_WT_PWR 323625 | 13.75 -0.36 -0.41 | 13.24 -0.53 -0.13 | 11.88 -0.53 0.00 | 10.49 -0.47 -0.38 | 10.22 -0.44 -0.22 | 9.07 -0.42 -0.33 | 10.49 -0.48 -0.05 | 13.44 -0.46 -1.23 | 20.45 -0.39 -7.00 | 22.33 -0.18 -7.79 | 27.02 -0.09 -11.56 | 29.17 -0.34 -12.69 | 41.73 -0.10 -21.64 | 45.63 -0.26 -24.46 | 49.63 0.13 -27.45 | 29.40 -0.49 -8.70 | 31.73 -0.41 -9.31 | 34.31 -0.51 -9.48 | 28.71 -0.47 -4.27 | 22.26 -0.35 -0.95 | 19.29 -0.59 -0.09 | 19.00 -0.44 -0.23 | 17.24 -0.46 -0.01 | 14.69 -0.43 -0.35 |
| HOLTSVILLE_IC_1 23690 | 18.91 1.79 -3.42 | 16.75 1.87 -1.24 | 14.26 1.69 -0.15 | 14.00 1.39 -2.04 | 12.95 1.31 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.71 -0.85 | 18.08 1.87 -2.37 | 20.92 2.04 -4.16 | 21.30 2.21 -3.54 | 22.23 2.59 -2.82 | 23.63 3.07 -0.36 | 24.94 3.13 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 34.01 3.90 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |
| HOLTSVILLE_IC_10 23699 | 19.11 1.89 -3.52 | 16.86 1.95 -1.27 | 14.36 1.78 -0.17 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.22 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.79 -0.87 | 18.21 1.96 -2.40 | 21.05 2.15 -4.18 | 21.45 2.35 -3.54 | 22.41 2.76 -2.83 | 23.86 3.27 -0.40 | 25.19 3.34 -0.43 | 26.36 3.60 -0.71 | 28.93 3.54 -4.20 | 32.62 3.61 -6.19 | 34.36 4.16 -4.87 | 29.72 4.24 -0.57 | 26.36 3.55 -1.15 | 24.41 3.13 -1.48 | 23.21 3.07 -0.93 | 21.48 2.74 -1.05 | 20.32 2.20 -3.35 |
| HOLTSVILLE_IC_2 23691 | 18.91 1.79 -3.42 | 16.75 1.87 -1.24 | 14.26 1.69 -0.15 | 14.00 1.39 -2.04 | 12.95 1.31 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.71 -0.85 | 18.08 1.87 -2.37 | 20.92 2.04 -4.16 | 21.30 2.21 -3.54 | 22.23 2.59 -2.82 | 23.63 3.07 -0.36 | 24.94 3.13 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 34.01 3.90 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |
| HOLTSVILLE_IC_3 23692 | 18.91 1.79 -3.42 | 16.75 1.87 -1.24 | 14.26 1.69 -0.15 | 14.00 1.39 -2.04 | 12.95 1.31 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.71 -0.85 | 18.08 1.87 -2.37 | 20.92 2.04 -4.16 | 21.30 2.21 -3.54 | 22.23 2.59 -2.82 | 23.63 3.07 -0.36 | 24.94 3.13 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 34.01 3.90 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |
| HOLTSVILLE_IC_4 23693 | 18.91 1.79 -3.42 | 16.75 1.87 -1.24 | 14.26 1.69 -0.15 | 14.00 1.39 -2.04 | 12.95 1.31 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.71 -0.85 | 18.08 1.87 -2.37 | 20.92 2.04 -4.16 | 21.30 2.21 -3.54 | 22.23 2.59 -2.82 | 23.63 3.07 -0.36 | 24.94 3.13 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 34.01 3.90 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HOLTSVILLE_IC_5 23694 | 18.91 1.79 -3.42 | 16.75 1.87 -1.24 | 14.26 1.69 -0.15 | 14.00 1.39 -2.04 | 12.95 1.31 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.71 -0.85 | 18.08 1.87 -2.37 | 20.92 2.04 -4.16 | 21.30 2.21 -3.54 | 22.23 2.59 -2.82 | 23.63 3.07 -0.36 | 24.94 3.13 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 34.01 3.90 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |
| HOLTSVILLE_IC_6 23695 | 19.11 1.89 -3.52 | 16.86 1.95 -1.27 | 14.36 1.78 -0.17 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.22 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.79 -0.87 | 18.21 1.96 -2.40 | 21.05 2.15 -4.18 | 21.45 2.35 -3.54 | 22.41 2.76 -2.83 | 23.86 3.27 -0.40 | 25.19 3.34 -0.43 | 26.36 3.60 -0.71 | 28.93 3.54 -4.20 | 32.62 3.61 -6.19 | 34.36 4.16 -4.87 | 29.72 4.24 -0.57 | 26.36 3.55 -1.15 | 24.41 3.13 -1.48 | 23.21 3.07 -0.93 | 21.48 2.74 -1.05 | 20.32 2.20 -3.35 |
| HOLTSVILLE_IC_7 23696 | 19.11 1.89 -3.52 | 16.86 1.95 -1.27 | 14.36 1.78 -0.17 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.22 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.79 -0.87 | 18.21 1.96 -2.40 | 21.05 2.15 -4.18 | 21.45 2.35 -3.54 | 22.41 2.76 -2.83 | 23.86 3.27 -0.40 | 25.19 3.34 -0.43 | 26.36 3.60 -0.71 | 28.93 3.54 -4.20 | 32.62 3.61 -6.19 | 34.36 4.16 -4.87 | 29.72 4.24 -0.57 | 26.36 3.55 -1.15 | 24.41 3.13 -1.48 | 23.21 3.07 -0.93 | 21.48 2.74 -1.05 | 20.32 2.20 -3.35 |
| HOLTSVILLE_IC_8 23697 | 19.11 1.89 -3.52 | 16.86 1.95 -1.27 | 14.36 1.78 -0.17 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.22 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.79 -0.87 | 18.21 1.96 -2.40 | 21.05 2.15 -4.18 | 21.45 2.35 -3.54 | 22.41 2.76 -2.83 | 23.86 3.27 -0.40 | 25.19 3.34 -0.43 | 26.36 3.60 -0.71 | 28.93 3.54 -4.20 | 32.62 3.61 -6.19 | 34.36 4.16 -4.87 | 29.72 4.24 -0.57 | 26.36 3.55 -1.15 | 24.41 3.13 -1.48 | 23.21 3.07 -0.93 | 21.48 2.74 -1.05 | 20.32 2.20 -3.35 |
| HOLTSVILLE_IC_9 23698 | 19.11 1.89 -3.52 | 16.86 1.95 -1.27 | 14.36 1.78 -0.17 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.22 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.79 -0.87 | 18.21 1.96 -2.40 | 21.05 2.15 -4.18 | 21.45 2.35 -3.54 | 22.41 2.76 -2.83 | 23.86 3.27 -0.40 | 25.19 3.34 -0.43 | 26.36 3.60 -0.71 | 28.93 3.54 -4.20 | 32.62 3.61 -6.19 | 34.36 4.16 -4.87 | 29.72 4.24 -0.57 | 26.36 3.55 -1.15 | 24.41 3.13 -1.48 | 23.21 3.07 -0.93 | 21.48 2.74 -1.05 | 20.32 2.20 -3.35 |
| HOWARD_WT_PWR 323690 | 14.29 0.12 -0.47 | 13.71 -0.08 -0.15 | 12.28 -0.14 0.00 | 10.87 -0.14 -0.43 | 10.53 -0.16 -0.26 | 9.39 -0.16 -0.38 | 10.83 -0.15 -0.06 | 13.48 0.01 -0.80 | 18.45 0.10 -4.52 | 19.98 0.23 -5.03 | 23.34 0.33 -7.46 | 25.16 0.15 -8.19 | 34.50 0.34 -13.96 | 38.07 0.26 -16.39 | 40.63 0.62 -17.96 | 26.69 0.26 -5.24 | 28.76 0.32 -5.62 | 31.32 0.43 -5.55 | 27.91 0.50 -2.50 | 22.71 0.46 -0.60 | 20.10 0.22 -0.09 | 19.64 0.29 -0.14 | 17.94 0.25 -0.01 | 15.34 0.16 -0.40 |
| HQ_GEN_CEDARS 23644 | 13.18 -0.52 0.00 | 13.20 -0.44 0.00 | 12.04 -0.37 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.91 -0.26 0.00 | 10.57 -0.35 0.00 | 12.28 -0.39 0.00 | 13.33 -0.51 0.00 | 14.17 -0.54 0.00 | 14.62 -0.67 0.27 | 14.88 -0.74 1.20 | 14.88 -0.93 4.39 | 14.88 -0.96 5.58 | 14.22 -0.97 6.86 | 14.78 -0.91 5.50 | 14.78 -1.03 7.01 | 14.86 -1.14 9.34 | 14.88 -1.27 8.77 | 14.88 -1.13 5.65 | 14.88 -1.01 3.91 | 14.88 -0.90 3.42 | 14.88 -0.81 1.99 | 14.21 -0.56 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 13.18 -0.52 0.00 | 13.20 -0.44 0.00 | 12.04 -0.37 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.91 -0.26 0.00 | 10.57 -0.35 0.00 | 12.40 -0.39 -0.13 | 13.20 -0.51 0.13 | 14.17 -0.54 0.00 | 14.62 -0.67 0.27 | 14.88 -0.74 1.20 | 14.88 -0.93 4.39 | 14.88 -0.96 5.58 | 14.22 -0.97 6.86 | 14.78 -0.91 5.50 | 14.78 -1.03 7.01 | 14.86 -1.14 9.34 | 14.88 -1.27 8.77 | 14.88 -1.13 5.65 | 14.88 -1.01 3.91 | 14.88 -0.90 3.42 | 14.88 -0.81 1.99 | 14.21 -0.56 0.00 |
| HQ_GEN_IMPORT 323601 | 13.30 -0.40 0.00 | 13.30 -0.34 0.00 | 12.13 -0.29 0.00 | 10.33 -0.24 0.00 | 10.19 -0.24 0.00 | 8.96 -0.20 0.00 | 10.67 -0.25 0.00 | 12.50 -0.29 -0.13 | 13.30 -0.41 0.13 | 14.26 -0.46 0.00 | 14.96 -0.53 0.07 | 15.94 -0.57 0.30 | 18.40 -0.69 1.10 | 19.29 -0.73 1.41 | 19.57 -0.75 1.73 | 19.10 -0.70 1.38 | 20.31 -0.75 1.77 | 22.15 -0.84 2.35 | 21.89 -0.82 2.21 | 19.52 -0.71 1.42 | 18.16 -0.65 0.98 | 17.49 -0.63 1.07 | 16.60 -0.58 0.50 | 14.30 -0.47 0.00 |
| HQ_GEN_WHEEL 23651 | 13.30 -0.40 0.00 | 13.30 -0.34 0.00 | 12.13 -0.29 0.00 | 10.33 -0.24 0.00 | 10.19 -0.24 0.00 | 8.96 -0.20 0.00 | 10.67 -0.25 0.00 | 12.50 -0.29 -0.13 | 13.30 -0.41 0.13 | 14.26 -0.46 0.00 | 14.96 -0.53 0.07 | 15.94 -0.57 0.30 | 18.40 -0.69 1.10 | 19.29 -0.73 1.41 | 19.57 -0.75 1.73 | 19.10 -0.70 1.38 | 20.31 -0.75 1.77 | 22.15 -0.84 2.35 | 21.89 -0.82 2.21 | 19.52 -0.71 1.42 | 18.16 -0.65 0.98 | 17.49 -0.63 1.07 | 16.60 -0.58 0.50 | 14.30 -0.47 0.00 |
| HUDSON_AVE_GT_3 23810 | 17.38 1.47 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.90 0.95 -1.78 | 12.38 1.17 -0.29 | 13.98 1.29 -0.02 | 15.55 1.51 -0.20 | 17.44 1.74 -0.98 | 19.31 1.90 -1.85 | 21.58 2.22 -2.54 | 22.92 2.73 0.00 | 24.74 2.91 -0.40 | 25.44 2.96 -0.44 | 26.81 2.90 -2.72 | 30.93 3.10 -5.00 | 29.33 3.50 -0.50 | 28.24 3.31 -0.01 | 25.13 2.88 -0.59 | 22.93 2.49 -0.63 | 23.12 2.46 -1.46 | 21.47 2.21 -1.58 | 18.47 1.77 -1.92 |
| HUDSON_AVE_GT_4 23540 | 17.38 1.47 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.90 0.95 -1.78 | 12.38 1.17 -0.29 | 13.98 1.29 -0.02 | 15.55 1.51 -0.20 | 17.44 1.74 -0.98 | 19.31 1.90 -1.85 | 21.58 2.22 -2.54 | 22.92 2.73 0.00 | 24.74 2.91 -0.40 | 25.44 2.96 -0.44 | 26.81 2.90 -2.72 | 30.93 3.10 -5.00 | 29.33 3.50 -0.50 | 28.24 3.31 -0.01 | 25.13 2.88 -0.59 | 22.93 2.49 -0.63 | 23.12 2.46 -1.46 | 21.47 2.21 -1.58 | 18.47 1.77 -1.92 |
| HUDSON_AVE_GT_5 23657 | 17.38 1.47 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.90 0.95 -1.78 | 12.38 1.17 -0.29 | 13.98 1.29 -0.02 | 15.55 1.51 -0.20 | 17.44 1.74 -0.98 | 19.31 1.90 -1.85 | 21.58 2.22 -2.54 | 22.92 2.73 0.00 | 24.74 2.91 -0.40 | 25.44 2.96 -0.44 | 26.81 2.90 -2.72 | 30.93 3.10 -5.00 | 29.33 3.50 -0.50 | 28.24 3.31 -0.01 | 25.13 2.88 -0.59 | 22.93 2.49 -0.63 | 23.12 2.46 -1.46 | 21.47 2.21 -1.58 | 18.47 1.77 -1.92 |
| HUDSON_AVE_10 24168 | 17.35 1.44 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.36 1.15 -0.29 | 13.94 1.25 -0.02 | 15.51 1.47 -0.20 | 17.39 1.69 -0.98 | 19.24 1.83 -1.85 | 21.51 2.15 -2.54 | 22.82 2.62 0.00 | 24.65 2.83 -0.40 | 25.38 2.89 -0.44 | 26.72 2.82 -2.72 | 30.86 3.04 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.05 2.80 -0.59 | 22.85 2.41 -0.63 | 23.04 2.38 -1.46 | 21.44 2.17 -1.58 | 18.42 1.73 -1.92 |
| HUNTER_MOUNT___DRP 323613 | 17.40 1.27 -2.43 | 15.65 1.23 -0.78 | 13.48 1.07 0.00 | 13.74 0.92 -2.24 | 12.65 0.90 -1.32 | 11.86 0.75 -1.95 | 12.11 0.88 -0.31 | 13.64 0.98 0.00 | 14.96 1.12 0.00 | 16.01 1.30 0.00 | 17.00 1.45 0.00 | 18.20 1.38 0.00 | 21.95 1.76 0.00 | 23.35 1.93 0.00 | 23.90 1.85 0.00 | 23.03 1.84 0.00 | 24.97 2.15 0.00 | 27.75 2.41 0.00 | 27.31 2.39 0.00 | 24.07 1.97 -0.44 | 22.29 2.12 -0.37 | 21.29 2.02 -0.07 | 19.54 1.86 0.00 | 18.34 1.48 -2.09 |

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|------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUNTINGTON_RES_REC 323705 | 18.93 1.71 -3.52 | 16.64 1.73 -1.27 | 14.15 1.56 -0.17 | 13.89 1.27 -2.04 | 12.84 1.21 -1.20 | 12.06 1.12 -1.78 | 12.79 1.35 -0.52 | 15.10 1.56 -0.87 | 18.00 1.76 -2.40 | 20.88 1.99 -4.18 | 21.14 2.04 -3.54 | 22.02 2.37 -2.83 | 23.48 2.89 -0.40 | 24.85 3.00 -0.43 | 25.94 3.18 -0.71 | 28.48 3.09 -4.20 | 32.26 3.24 -6.19 | 33.88 3.67 -4.87 | 29.09 3.61 -0.56 | 25.84 3.03 -1.15 | 23.91 2.63 -1.48 | 22.71 2.57 -0.93 | 21.11 2.37 -1.05 | 20.15 2.02 -3.35 |
| HUNTLEY___63 23557 | 13.51 -0.55 -0.36 | 13.02 -0.74 -0.11 | 11.70 -0.72 0.00 | 10.30 -0.60 -0.33 | 10.06 -0.56 -0.19 | 8.93 -0.53 -0.30 | 10.34 -0.63 -0.05 | 13.17 -0.63 -1.14 | 19.75 -0.55 -6.46 | 21.65 -0.26 -7.20 | 26.08 -0.16 -10.68 | 28.07 -0.47 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.80 -0.64 -7.62 | 37.75 -0.84 -13.25 | 31.14 -0.77 -6.99 | 22.54 -0.63 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.93 -0.76 0.00 | 14.39 -0.69 -0.31 |
| HUNTLEY___64 23558 | 13.51 -0.55 -0.36 | 13.02 -0.74 -0.11 | 11.70 -0.72 0.00 | 10.30 -0.60 -0.33 | 10.06 -0.56 -0.19 | 8.93 -0.53 -0.30 | 10.34 -0.63 -0.05 | 13.17 -0.63 -1.14 | 19.75 -0.55 -6.46 | 21.65 -0.26 -7.20 | 26.08 -0.16 -10.68 | 28.07 -0.47 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.80 -0.64 -7.62 | 37.75 -0.84 -13.25 | 31.14 -0.77 -6.99 | 22.54 -0.63 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.93 -0.76 0.00 | 14.39 -0.69 -0.31 |
| HUNTLEY___65 23559 | 13.51 -0.55 -0.36 | 13.02 -0.74 -0.11 | 11.70 -0.72 0.00 | 10.30 -0.60 -0.33 | 10.06 -0.56 -0.19 | 8.93 -0.53 -0.30 | 10.34 -0.63 -0.05 | 13.17 -0.63 -1.14 | 19.75 -0.55 -6.46 | 21.65 -0.26 -7.20 | 26.08 -0.16 -10.68 | 28.07 -0.47 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.80 -0.64 -7.62 | 37.75 -0.84 -13.25 | 31.14 -0.77 -6.99 | 22.54 -0.63 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.93 -0.76 0.00 | 14.39 -0.69 -0.31 |
| HUNTLEY___66 23560 | 13.51 -0.55 -0.36 | 13.02 -0.74 -0.11 | 11.70 -0.72 0.00 | 10.30 -0.60 -0.33 | 10.06 -0.56 -0.19 | 8.93 -0.53 -0.30 | 10.34 -0.63 -0.05 | 13.17 -0.63 -1.14 | 19.75 -0.55 -6.46 | 21.65 -0.26 -7.20 | 26.08 -0.16 -10.68 | 28.07 -0.47 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.80 -0.64 -7.62 | 37.75 -0.84 -13.25 | 31.14 -0.77 -6.99 | 22.54 -0.63 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.93 -0.76 0.00 | 14.39 -0.69 -0.31 |
| HUNTLEY___67 23561 | 13.45 -0.62 -0.37 | 12.97 -0.79 -0.12 | 11.66 -0.76 0.00 | 10.27 -0.65 -0.34 | 10.03 -0.61 -0.20 | 8.89 -0.57 -0.29 | 10.29 -0.68 -0.05 | 14.26 -0.72 -2.31 | 26.33 -0.66 -13.16 | 28.96 -0.41 -14.66 | 36.97 -0.33 -21.74 | 40.07 -0.62 -23.87 | 60.52 -0.38 -40.71 | 63.89 -0.58 -43.05 | 72.26 -0.18 -50.39 | 37.75 -0.87 -17.44 | 40.70 -0.80 -18.67 | 41.84 -0.96 -17.47 | 31.80 -0.97 -7.86 | 22.53 -0.80 -1.67 | 18.88 -1.01 -0.09 | 18.77 -0.84 -0.41 | 16.88 -0.83 -0.02 | 14.36 -0.72 -0.31 |
| HUNTLEY___68 23562 | 13.45 -0.62 -0.37 | 12.97 -0.79 -0.12 | 11.66 -0.76 0.00 | 10.27 -0.65 -0.34 | 10.03 -0.61 -0.20 | 8.89 -0.57 -0.29 | 10.29 -0.68 -0.05 | 14.26 -0.72 -2.31 | 26.33 -0.66 -13.16 | 28.96 -0.41 -14.66 | 36.97 -0.33 -21.74 | 40.07 -0.62 -23.87 | 60.52 -0.38 -40.71 | 63.89 -0.58 -43.05 | 72.26 -0.18 -50.39 | 37.75 -0.87 -17.44 | 40.70 -0.80 -18.67 | 41.84 -0.96 -17.47 | 31.80 -0.97 -7.86 | 22.53 -0.80 -1.67 | 18.88 -1.01 -0.09 | 18.77 -0.84 -0.41 | 16.88 -0.83 -0.02 | 14.36 -0.72 -0.31 |
| HYLAND___LFGE 323620 | 14.35 0.26 -0.39 | 13.82 0.05 -0.12 | 12.43 0.01 0.00 | 10.91 -0.02 -0.36 | 10.61 -0.03 -0.21 | 9.45 -0.03 -0.31 | 10.98 0.01 -0.05 | 13.22 0.16 -0.38 | 16.37 0.35 -2.18 | 17.68 0.53 -2.43 | 19.88 0.72 -3.60 | 21.38 0.60 -3.96 | 27.73 0.79 -6.75 | 29.99 0.77 -7.80 | 31.63 0.95 -8.63 | 23.07 0.70 -1.18 | 24.98 0.89 -1.26 | 27.30 0.89 -1.07 | 26.42 1.05 -0.46 | 22.67 0.84 -0.16 | 20.45 0.59 -0.06 | 19.81 0.58 -0.03 | 18.20 0.51 0.00 | 15.46 0.35 -0.34 |
| INDECK___CORINTH 23802 | 18.23 1.48 -3.05 | 15.98 1.36 -0.98 | 13.62 1.20 0.00 | 14.42 1.03 -2.82 | 13.11 1.01 -1.66 | 12.52 0.91 -2.45 | 12.39 1.08 -0.39 | 13.87 1.20 0.00 | 15.29 1.45 0.00 | 16.41 1.69 0.00 | 17.25 1.68 -0.01 | 18.50 1.63 -0.06 | 22.30 1.90 -0.21 | 23.81 2.12 -0.26 | 24.31 1.94 -0.32 | 23.18 1.74 -0.26 | 25.30 2.15 -0.33 | 28.19 2.41 -0.44 | 28.12 2.79 -0.41 | 24.92 2.45 -0.82 | 22.96 2.51 -0.65 | 21.93 2.48 -0.25 | 19.94 2.16 -0.09 | 19.13 1.73 -2.63 |
| INDECK___ILION 23567 | 14.02 0.38 0.06 | 13.98 0.35 0.02 | 12.74 0.32 0.00 | 10.79 0.26 0.05 | 10.66 0.26 0.03 | 9.35 0.23 0.05 | 11.19 0.28 0.01 | 13.00 0.33 0.00 | 14.24 0.40 0.00 | 15.16 0.44 0.00 | 16.04 0.47 -0.01 | 17.36 0.49 -0.06 | 20.97 0.56 -0.21 | 22.27 0.58 -0.26 | 22.94 0.57 -0.32 | 21.98 0.53 -0.26 | 23.68 0.53 -0.33 | 26.39 0.61 -0.44 | 26.00 0.67 -0.41 | 22.52 0.61 -0.26 | 20.59 0.61 -0.18 | 19.96 0.60 -0.16 | 18.33 0.55 -0.09 | 15.15 0.43 0.05 |
| INDECK___OLEAN 23982 | 14.17 0.04 -0.43 | 13.64 -0.14 -0.14 | 12.24 -0.17 0.00 | 10.82 -0.15 -0.39 | 10.54 -0.12 -0.23 | 9.36 -0.15 -0.34 | 10.76 -0.21 -0.05 | 14.87 -0.08 -2.27 | 26.79 0.06 -12.89 | 29.47 0.40 -14.36 | 37.37 0.53 -21.29 | 40.24 0.05 -23.37 | 60.41 0.36 -39.85 | 69.56 0.19 -47.94 | 74.47 0.66 -51.76 | 33.98 -0.08 -12.88 | 36.62 0.00 -13.79 | 40.02 0.08 -14.60 | 31.89 0.35 -6.62 | 23.43 0.33 -1.44 | 19.95 0.04 -0.11 | 19.78 0.21 -0.36 | 17.85 0.14 -0.03 | 15.20 0.06 -0.37 |
| INDECK___OSWEGO 23783 | 13.72 -0.15 -0.17 | 13.49 -0.20 -0.05 | 12.22 -0.20 0.00 | 10.55 -0.18 -0.16 | 10.34 -0.19 -0.09 | 9.14 -0.16 -0.14 | 10.75 -0.19 -0.02 | 12.50 -0.17 0.00 | 13.72 -0.12 0.00 | 14.52 -0.19 0.00 | 15.37 -0.19 0.00 | 16.58 -0.24 0.00 | 19.91 -0.28 0.00 | 21.10 -0.32 0.00 | 21.76 -0.29 0.00 | 20.89 -0.30 0.00 | 22.48 -0.34 0.00 | 24.93 -0.41 0.00 | 24.52 -0.40 0.00 | 21.34 -0.35 -0.03 | 19.53 -0.30 -0.03 | 18.92 -0.29 0.00 | 17.44 -0.25 0.00 | 14.74 -0.18 -0.15 |
| INDECK___YERKES 23781 | 13.51 -0.55 -0.36 | 13.03 -0.72 -0.11 | 11.71 -0.71 0.00 | 10.31 -0.59 -0.33 | 10.07 -0.55 -0.19 | 8.94 -0.52 -0.30 | 10.35 -0.62 -0.05 | 13.18 -0.62 -1.14 | 19.76 -0.54 -6.46 | 21.67 -0.25 -7.20 | 26.08 -0.16 -10.68 | 28.09 -0.45 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.78 -0.66 -7.62 | 37.73 -0.86 -13.25 | 31.16 -0.75 -6.99 | 22.56 -0.61 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.94 -0.74 0.00 | 14.40 -0.68 -0.31 |
| INDIAN POINT_GT_1 24139 | 17.14 1.25 -2.19 | 15.57 1.23 -0.70 | 13.52 1.10 0.00 | 13.55 0.95 -2.02 | 12.55 0.93 -1.19 | 11.72 0.80 -1.76 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.60 2.40 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.76 2.54 -1.03 | 31.44 2.72 -5.90 | 28.96 3.04 -0.58 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.27 2.14 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.18 1.52 -1.89 |
| INDIAN POINT_GT_2 23659 | 17.14 1.25 -2.19 | 15.57 1.23 -0.70 | 13.52 1.10 0.00 | 13.55 0.95 -2.02 | 12.55 0.93 -1.19 | 11.72 0.80 -1.76 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.60 2.40 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.76 2.54 -1.03 | 31.44 2.72 -5.90 | 28.96 3.04 -0.58 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.27 2.14 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.18 1.52 -1.89 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| INDIAN POINT_GT_3 24019 | 17.14 1.25 -2.19 | 15.57 1.23 -0.70 | 13.52 1.10 0.00 | 13.55 0.95 -2.02 | 12.55 0.93 -1.19 | 11.72 0.80 -1.76 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.60 2.40 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.76 2.54 -1.03 | 31.44 2.72 -5.90 | 28.96 3.04 -0.58 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.27 2.14 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.18 1.52 -1.89 |
| INDIAN POINT___2 23530 | 17.10 1.23 -2.16 | 15.55 1.21 -0.69 | 13.51 1.09 0.00 | 13.51 0.93 -2.00 | 12.53 0.92 -1.18 | 11.69 0.79 -1.74 | 12.16 0.96 -0.28 | 13.72 1.05 0.00 | 15.09 1.25 0.00 | 16.17 1.46 0.00 | 17.16 1.60 0.00 | 18.70 1.88 0.00 | 22.52 2.32 0.00 | 23.91 2.48 0.00 | 24.56 2.51 0.00 | 24.84 2.46 -1.20 | 32.33 2.62 -6.88 | 28.98 2.96 -0.68 | 27.73 2.81 0.00 | 24.48 2.43 -0.39 | 22.25 2.12 -0.33 | 21.34 2.07 -0.06 | 19.56 1.87 0.00 | 18.13 1.49 -1.86 |
| INDIAN POINT___3 23531 | 17.05 1.16 -2.19 | 15.49 1.15 -0.70 | 13.45 1.03 0.00 | 13.49 0.89 -2.03 | 12.49 0.87 -1.19 | 11.67 0.74 -1.76 | 12.12 0.92 -0.28 | 13.67 1.00 0.00 | 15.03 1.19 0.00 | 16.10 1.38 0.00 | 17.08 1.53 0.00 | 18.62 1.80 0.00 | 22.42 2.22 0.00 | 23.80 2.38 0.00 | 24.45 2.40 0.00 | 24.57 2.35 -1.03 | 31.27 2.51 -5.93 | 28.76 2.84 -0.59 | 27.61 2.69 0.00 | 24.37 2.32 -0.40 | 22.15 2.02 -0.34 | 21.26 2.00 -0.06 | 19.47 1.79 0.00 | 18.08 1.42 -1.89 |
| IP CORINTH___1 23988 | 18.23 1.48 -3.05 | 15.98 1.36 -0.98 | 13.62 1.20 0.00 | 14.42 1.03 -2.82 | 13.11 1.01 -1.66 | 12.52 0.91 -2.45 | 12.39 1.08 -0.39 | 13.87 1.20 0.00 | 15.29 1.45 0.00 | 16.41 1.69 0.00 | 17.25 1.68 -0.01 | 18.50 1.63 -0.06 | 22.30 1.90 -0.21 | 23.81 2.12 -0.26 | 24.31 1.94 -0.32 | 23.18 1.74 -0.26 | 25.30 2.15 -0.33 | 28.19 2.41 -0.44 | 28.12 2.79 -0.41 | 24.92 2.45 -0.82 | 22.96 2.51 -0.65 | 21.93 2.48 -0.25 | 19.94 2.16 -0.09 | 19.13 1.73 -2.63 |
| IP___TICONDEROGA 23804 | 18.61 1.86 -3.05 | 16.32 1.70 -0.98 | 13.90 1.49 0.00 | 14.67 1.28 -2.82 | 13.35 1.26 -1.66 | 12.75 1.14 -2.45 | 12.66 1.35 -0.39 | 14.23 1.56 0.00 | 15.71 1.87 0.00 | 16.89 2.18 0.00 | 17.81 2.24 -0.01 | 19.01 2.14 -0.06 | 22.90 2.50 -0.21 | 24.47 2.78 -0.26 | 24.97 2.60 -0.32 | 23.78 2.33 -0.26 | 26.03 2.88 -0.33 | 29.05 3.27 -0.44 | 29.01 3.69 -0.41 | 25.68 3.21 -0.82 | 23.74 3.29 -0.65 | 22.68 3.23 -0.25 | 20.54 2.76 -0.09 | 19.61 2.22 -2.63 |
| ISLIP_RES_REC 323679 | 19.28 2.00 -3.59 | 16.99 2.06 -1.29 | 14.47 1.87 -0.18 | 14.14 1.52 -2.04 | 13.08 1.45 -1.20 | 12.28 1.34 -1.78 | 13.06 1.62 -0.52 | 15.44 1.89 -0.88 | 18.34 2.08 -2.42 | 21.19 2.28 -4.19 | 21.62 2.52 -3.55 | 22.60 2.94 -2.84 | 24.12 3.51 -0.42 | 25.45 3.58 -0.45 | 26.66 3.86 -0.75 | 29.24 3.81 -4.24 | 32.95 3.90 -6.22 | 34.78 4.51 -4.94 | 30.05 4.56 -0.57 | 26.66 3.83 -1.16 | 24.66 3.37 -1.50 | 23.44 3.30 -0.94 | 21.71 2.92 -1.11 | 20.53 2.33 -3.42 |
| JARVIS____ 23743 | 13.76 0.12 0.06 | 13.73 0.11 0.02 | 12.50 0.09 0.00 | 10.60 0.07 0.05 | 10.48 0.07 0.03 | 9.18 0.06 0.05 | 11.00 0.09 0.01 | 12.76 0.09 0.00 | 13.97 0.12 0.00 | 14.86 0.15 0.00 | 15.73 0.16 -0.01 | 17.04 0.17 -0.06 | 20.60 0.20 -0.21 | 21.90 0.21 -0.26 | 22.59 0.22 -0.32 | 21.64 0.19 -0.26 | 23.36 0.20 -0.33 | 26.01 0.23 -0.44 | 25.58 0.25 -0.41 | 22.13 0.22 -0.26 | 20.19 0.22 -0.18 | 19.57 0.21 -0.16 | 17.97 0.19 -0.09 | 14.89 0.16 0.05 |
| JENNISON___1 23625 | 15.05 0.58 -0.77 | 14.38 0.49 -0.25 | 12.84 0.42 0.00 | 11.62 0.33 -0.71 | 11.17 0.31 -0.42 | 10.07 0.28 -0.62 | 11.40 0.38 -0.10 | 13.22 0.52 -0.03 | 14.72 0.69 -0.18 | 15.70 0.78 -0.20 | 16.70 0.84 -0.30 | 18.01 0.86 -0.33 | 21.85 1.09 -0.57 | 22.85 1.03 -0.40 | 23.81 1.15 -0.62 | 22.66 1.06 -0.41 | 24.18 0.91 -0.44 | 26.75 1.06 -0.35 | 26.32 1.25 -0.16 | 22.87 1.04 -0.17 | 21.10 1.19 -0.12 | 20.37 1.13 -0.03 | 18.69 1.01 0.00 | 16.21 0.77 -0.66 |
| JENNISON___2 23626 | 15.05 0.58 -0.77 | 14.38 0.49 -0.25 | 12.84 0.42 0.00 | 11.62 0.33 -0.71 | 11.17 0.31 -0.42 | 10.07 0.28 -0.62 | 11.40 0.38 -0.10 | 13.22 0.52 -0.03 | 14.72 0.69 -0.18 | 15.70 0.78 -0.20 | 16.70 0.84 -0.30 | 18.01 0.86 -0.33 | 21.85 1.09 -0.57 | 22.85 1.03 -0.40 | 23.81 1.15 -0.62 | 22.66 1.06 -0.41 | 24.18 0.91 -0.44 | 26.75 1.06 -0.35 | 26.32 1.25 -0.16 | 22.87 1.04 -0.17 | 21.10 1.19 -0.12 | 20.37 1.13 -0.03 | 18.69 1.01 0.00 | 16.21 0.77 -0.66 |
| JERICHO_RISE_WT_PWR 323719 | 12.97 -0.73 0.00 | 13.00 -0.64 0.00 | 11.87 -0.55 0.00 | 10.12 -0.45 0.00 | 10.02 -0.42 0.00 | 8.84 -0.33 0.00 | 10.51 -0.40 0.00 | 12.24 -0.43 0.00 | 13.27 -0.57 0.00 | 14.13 -0.59 0.00 | 14.59 -0.68 0.28 | 14.84 -0.72 1.25 | 14.68 -0.93 4.58 | 14.61 -0.99 5.83 | 13.86 -1.01 7.17 | 14.53 -0.91 5.75 | 14.56 -0.94 7.33 | 14.53 -1.04 9.76 | 14.78 -0.97 9.16 | 14.91 -0.85 5.91 | 14.94 -0.77 4.09 | 14.82 -0.81 3.58 | 14.83 -0.78 2.08 | 14.12 -0.65 0.00 |
| KCE_NY_1 323755 | 17.99 1.25 -3.04 | 15.79 1.17 -0.98 | 13.46 1.04 0.00 | 14.28 0.89 -2.81 | 12.97 0.88 -1.66 | 12.40 0.79 -2.44 | 12.24 0.93 -0.39 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.13 1.41 0.00 | 17.05 1.48 -0.01 | 18.34 1.46 -0.06 | 22.10 1.70 -0.20 | 23.57 1.89 -0.26 | 24.18 1.81 -0.32 | 23.12 1.67 -0.26 | 25.14 1.98 -0.33 | 28.00 2.23 -0.44 | 27.72 2.39 -0.41 | 24.60 2.12 -0.81 | 22.52 2.08 -0.65 | 21.48 2.03 -0.25 | 19.58 1.80 -0.09 | 18.84 1.45 -2.62 |
| KEDC PORT_JEFF_GT2 24210 | 19.09 1.92 -3.48 | 16.89 1.99 -1.26 | 14.38 1.80 -0.16 | 14.09 1.47 -2.04 | 13.03 1.40 -1.20 | 12.23 1.29 -1.78 | 13.00 1.56 -0.52 | 15.36 1.82 -0.86 | 18.24 2.01 -2.39 | 21.10 2.21 -4.17 | 21.51 2.41 -3.54 | 22.47 2.82 -2.83 | 23.91 3.33 -0.38 | 25.22 3.38 -0.41 | 26.38 3.64 -0.69 | 28.95 3.58 -4.18 | 32.54 3.54 -6.18 | 34.25 4.08 -4.83 | 29.74 4.26 -0.56 | 26.40 3.60 -1.15 | 24.42 3.15 -1.47 | 23.24 3.11 -0.93 | 21.48 2.78 -1.02 | 20.32 2.24 -3.30 |
| KEDC PORT_JEFF_GT3 24211 | 19.09 1.92 -3.48 | 16.89 1.99 -1.26 | 14.38 1.80 -0.16 | 14.09 1.47 -2.04 | 13.03 1.40 -1.20 | 12.23 1.29 -1.78 | 13.00 1.56 -0.52 | 15.36 1.82 -0.86 | 18.24 2.01 -2.39 | 21.10 2.21 -4.17 | 21.51 2.41 -3.54 | 22.47 2.82 -2.83 | 23.91 3.33 -0.38 | 25.22 3.38 -0.41 | 26.38 3.64 -0.69 | 28.95 3.58 -4.18 | 32.54 3.54 -6.18 | 34.25 4.08 -4.83 | 29.74 4.26 -0.56 | 26.40 3.60 -1.15 | 24.42 3.15 -1.47 | 23.24 3.11 -0.93 | 21.48 2.78 -1.02 | 20.32 2.24 -3.30 |
| KEDC_GLWD_GT4 24219 | 23.36 1.57 -8.09 | 17.79 1.54 -2.60 | 14.59 1.39 -0.78 | 13.79 1.16 -2.05 | 12.76 1.12 -1.21 | 11.94 1.00 -1.78 | 12.67 1.22 -0.53 | 15.78 1.37 -1.75 | 19.08 1.59 -3.65 | 21.69 1.82 -5.15 | 21.42 2.01 -3.86 | 22.44 2.34 -3.29 | 24.88 2.89 -1.80 | 26.45 3.09 -1.94 | 28.27 3.02 -3.20 | 30.98 2.92 -6.87 | 34.10 3.15 -8.12 | 38.20 3.52 -9.34 | 29.37 3.34 -1.12 | 26.62 3.03 -1.93 | 25.06 2.63 -2.63 | 23.16 2.57 -1.39 | 24.76 2.33 -4.74 | 25.04 1.88 -8.39 |
| KEDC_GLWD_GT5 24220 | 23.36 1.57 -8.09 | 17.79 1.54 -2.60 | 14.59 1.39 -0.78 | 13.79 1.16 -2.05 | 12.76 1.12 -1.21 | 11.94 1.00 -1.78 | 12.67 1.22 -0.53 | 15.78 1.37 -1.75 | 19.08 1.59 -3.65 | 21.69 1.82 -5.15 | 21.42 2.01 -3.86 | 22.44 2.34 -3.29 | 24.88 2.89 -1.80 | 26.45 3.09 -1.94 | 28.27 3.02 -3.20 | 30.98 2.92 -6.87 | 34.10 3.15 -8.12 | 38.20 3.52 -9.34 | 29.37 3.34 -1.12 | 26.62 3.03 -1.93 | 25.06 2.63 -2.63 | 23.16 2.57 -1.39 | 24.76 2.33 -4.74 | 25.04 1.88 -8.39 |

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|---|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| KENSICO____ 23655 | 17.21 1.30 -2.21 | 15.63 1.28 -0.71 | 13.57 1.15 0.00 | 13.61 0.99 -2.04 | 12.61 0.97 -1.20 | 11.77 0.83 -1.77 | 12.23 1.03 -0.28 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.25 1.53 0.00 | 17.25 1.70 0.00 | 18.82 2.00 0.00 | 22.66 2.46 0.00 | 24.06 2.63 0.00 | 24.71 2.67 0.00 | 24.72 2.63 -0.90 | 30.81 2.81 -5.18 | 28.99 3.14 -0.51 | 27.91 2.99 0.00 | 24.63 2.58 -0.40 | 22.37 2.24 -0.34 | 21.45 2.19 -0.06 | 19.67 1.98 0.00 | 18.24 1.57 -1.90 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 16.99 1.19 -2.10 | 15.46 1.15 -0.67 | 13.43 1.02 0.00 | 13.39 0.88 -1.94 | 12.42 0.84 -1.14 | 11.56 0.72 -1.68 | 12.07 0.88 -0.27 | 13.63 0.96 0.00 | 14.98 1.14 0.00 | 16.04 1.33 0.00 | 17.02 1.46 0.00 | 18.47 1.65 0.00 | 22.27 2.08 0.00 | 23.65 2.23 0.00 | 24.25 2.20 0.00 | 23.39 2.20 0.00 | 25.20 2.37 0.00 | 28.05 2.71 0.00 | 27.56 2.64 0.00 | 24.25 2.21 -0.38 | 22.24 2.12 -0.32 | 21.32 2.06 -0.06 | 19.56 1.87 0.00 | 18.06 1.48 -1.81 |
| KIAC_JFK_GT1 23816 | 17.36 1.45 -2.21 | 15.80 1.45 -0.71 | 13.71 1.29 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.89 0.94 -1.78 | 12.38 1.17 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.36 1.66 -0.98 | 19.15 1.74 -1.85 | 21.42 2.07 -2.54 | 22.72 2.52 0.00 | 24.61 2.78 -0.40 | 25.27 2.78 -0.44 | 26.60 2.69 -2.72 | 30.81 2.99 -5.00 | 29.21 3.37 -0.50 | 28.16 3.24 -0.01 | 24.94 2.69 -0.59 | 22.81 2.37 -0.63 | 23.00 2.34 -1.46 | 21.45 2.19 -1.58 | 18.45 1.76 -1.92 |
| KIAC_JFK_GT2 23817 | 17.36 1.45 -2.21 | 15.80 1.45 -0.71 | 13.71 1.29 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.89 0.94 -1.78 | 12.38 1.17 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.20 | 17.36 1.66 -0.98 | 19.15 1.74 -1.85 | 21.42 2.07 -2.54 | 22.72 2.52 0.00 | 24.61 2.78 -0.40 | 25.27 2.78 -0.44 | 26.60 2.69 -2.72 | 30.81 2.99 -5.00 | 29.21 3.37 -0.50 | 28.16 3.24 -0.01 | 24.94 2.69 -0.59 | 22.81 2.37 -0.63 | 23.00 2.34 -1.46 | 21.45 2.19 -1.58 | 18.45 1.76 -1.92 |
| KINTIGH____ 23543 | 13.33 -0.67 -0.31 | 12.93 -0.80 -0.10 | 11.66 -0.76 0.00 | 10.20 -0.66 -0.28 | 9.98 -0.63 -0.17 | 8.84 -0.57 -0.25 | 10.27 -0.69 -0.04 | 11.58 -0.76 0.33 | 11.28 -0.71 1.86 | 12.09 -0.56 2.07 | 12.00 -0.48 3.07 | 12.72 -0.72 3.38 | 13.81 -0.63 5.76 | 14.09 -0.79 6.54 | 14.23 -0.51 7.32 | 16.36 -1.02 3.81 | 17.79 -0.96 4.08 | 19.80 -1.14 4.40 | 21.80 -1.10 2.02 | 20.35 -0.95 0.36 | 18.76 -1.07 -0.03 | 18.15 -0.96 0.10 | 16.78 -0.90 0.01 | 14.27 -0.77 -0.27 |
| LEDERLE____ 23769 | 17.12 1.29 -2.13 | 15.59 1.27 -0.69 | 13.56 1.14 0.00 | 13.52 0.97 -1.97 | 12.54 0.95 -1.16 | 11.69 0.82 -1.71 | 12.20 1.00 -0.27 | 13.77 1.10 0.00 | 15.14 1.30 0.00 | 16.23 1.52 0.00 | 17.24 1.68 0.00 | 18.75 1.93 0.00 | 22.60 2.40 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 25.58 2.52 -1.88 | 36.32 2.72 -10.78 | 29.47 3.06 -1.07 | 27.83 2.91 0.00 | 24.56 2.51 -0.39 | 22.34 2.22 -0.33 | 21.45 2.19 -0.06 | 19.65 1.96 0.00 | 18.18 1.57 -1.84 |
| LINDEN COGEN____ 23786 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.36 1.15 -0.29 | 13.94 1.25 -0.02 | 15.51 1.47 -0.20 | 17.39 1.69 -0.98 | 19.27 1.87 -1.85 | 21.51 2.15 -2.54 | 22.86 2.67 0.00 | 24.65 2.83 -0.40 | 25.33 2.85 -0.44 | 26.68 2.77 -2.72 | 30.81 2.99 -5.00 | 29.18 3.34 -0.50 | 28.09 3.16 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.63 | 23.04 2.38 -1.46 | 21.42 2.16 -1.58 | 18.41 1.71 -1.92 |
| LIPA_MISC_IPP 23656 | 18.94 1.81 -3.43 | 16.81 1.92 -1.25 | 14.33 1.76 -0.16 | 14.06 1.44 -2.04 | 13.00 1.37 -1.20 | 12.21 1.27 -1.78 | 12.97 1.53 -0.52 | 15.33 1.81 -0.85 | 18.16 1.94 -2.38 | 20.94 2.06 -4.16 | 21.36 2.27 -3.54 | 22.35 2.71 -2.82 | 23.75 3.19 -0.37 | 25.03 3.21 -0.40 | 26.22 3.51 -0.67 | 28.79 3.45 -4.15 | 32.52 3.54 -6.16 | 34.20 4.08 -4.78 | 29.63 4.16 -0.56 | 26.33 3.53 -1.14 | 24.35 3.09 -1.46 | 23.16 3.03 -0.92 | 21.34 2.67 -0.98 | 20.15 2.13 -3.25 |
| LISF____SOLAR 323691 | 18.99 1.85 -3.45 | 16.87 1.98 -1.25 | 14.39 1.81 -0.16 | 14.09 1.47 -2.04 | 13.03 1.40 -1.20 | 12.23 1.29 -1.78 | 13.00 1.56 -0.52 | 15.37 1.85 -0.86 | 18.19 1.96 -2.38 | 20.97 2.09 -4.17 | 21.41 2.32 -3.54 | 22.42 2.77 -2.83 | 23.82 3.25 -0.37 | 25.08 3.26 -0.40 | 26.32 3.60 -0.67 | 28.87 3.52 -4.16 | 32.62 3.63 -6.16 | 34.34 4.21 -4.80 | 29.73 4.26 -0.56 | 26.44 3.64 -1.14 | 24.43 3.17 -1.47 | 23.26 3.13 -0.92 | 21.42 2.74 -0.99 | 20.21 2.17 -3.27 |
| LITTLE FALLS____HYD 24013 | 14.36 0.73 0.06 | 14.32 0.70 0.02 | 13.05 0.63 0.00 | 11.06 0.54 0.05 | 10.92 0.52 0.03 | 9.58 0.46 0.05 | 11.47 0.56 0.01 | 13.31 0.65 0.00 | 14.59 0.75 0.00 | 15.54 0.82 0.00 | 16.42 0.86 -0.01 | 17.75 0.87 -0.06 | 21.43 1.03 -0.21 | 22.74 1.05 -0.26 | 23.43 1.06 -0.32 | 22.42 0.98 -0.26 | 24.12 0.96 -0.33 | 26.89 1.11 -0.44 | 26.58 1.25 -0.41 | 23.04 1.13 -0.26 | 21.10 1.13 -0.18 | 20.46 1.09 -0.16 | 18.77 0.99 -0.09 | 15.52 0.80 0.05 |
| LI_NEWBRDGE____DRP 323616 | 17.71 1.56 -2.45 | 16.15 1.55 -0.96 | 13.84 1.40 -0.02 | 13.77 1.15 -2.04 | 12.73 1.10 -1.20 | 11.96 1.02 -1.78 | 12.67 1.23 -0.52 | 14.72 1.38 -0.67 | 17.51 1.56 -2.11 | 20.45 1.78 -3.95 | 20.91 1.88 -3.47 | 21.71 2.17 -2.72 | 22.95 2.69 -0.07 | 24.35 2.85 -0.07 | 25.11 2.93 -0.13 | 27.58 2.82 -3.57 | 31.65 3.08 -5.74 | 32.58 3.42 -3.82 | 28.61 3.26 -0.43 | 25.46 2.84 -0.96 | 23.48 2.47 -1.21 | 22.42 2.40 -0.82 | 20.14 2.26 -0.19 | 18.79 1.85 -2.17 |
| LOCKPORT____CC1 323769 | 13.36 -0.68 -0.34 | 12.88 -0.87 -0.11 | 11.58 -0.83 0.00 | 10.19 -0.71 -0.32 | 9.95 -0.67 -0.19 | 8.82 -0.62 -0.28 | 10.21 -0.75 -0.04 | 11.93 -0.77 -0.03 | 13.37 -0.71 -0.23 | 14.53 -0.44 -0.26 | 15.60 -0.34 -0.38 | 16.47 -0.77 -0.42 | 20.35 -0.57 -0.72 | 21.09 -0.77 -0.44 | 22.43 -0.37 -0.76 | 18.96 -1.14 1.08 | 20.59 -1.07 1.16 | 23.68 -1.27 0.39 | 23.63 -1.27 0.02 | 20.67 -1.04 -0.05 | 18.58 -1.27 -0.05 | 18.11 -1.09 0.00 | 16.58 -1.10 0.01 | 14.12 -0.95 -0.30 |
| LOCKPORT____CC2 323770 | 13.36 -0.68 -0.34 | 12.88 -0.87 -0.11 | 11.58 -0.83 0.00 | 10.19 -0.71 -0.32 | 9.95 -0.67 -0.19 | 8.82 -0.62 -0.28 | 10.21 -0.75 -0.04 | 11.93 -0.77 -0.03 | 13.37 -0.71 -0.23 | 14.53 -0.44 -0.26 | 15.60 -0.34 -0.38 | 16.47 -0.77 -0.42 | 20.35 -0.57 -0.72 | 21.09 -0.77 -0.44 | 22.43 -0.37 -0.76 | 18.96 -1.14 1.08 | 20.59 -1.07 1.16 | 23.68 -1.27 0.39 | 23.63 -1.27 0.02 | 20.67 -1.04 -0.05 | 18.58 -1.27 -0.05 | 18.11 -1.09 0.00 | 16.58 -1.10 0.01 | 14.12 -0.95 -0.30 |
| LOCKPORT____CC3 323771 | 13.36 -0.68 -0.34 | 12.88 -0.87 -0.11 | 11.58 -0.83 0.00 | 10.19 -0.71 -0.32 | 9.95 -0.67 -0.19 | 8.82 -0.62 -0.28 | 10.21 -0.75 -0.04 | 11.93 -0.77 -0.03 | 13.37 -0.71 -0.23 | 14.53 -0.44 -0.26 | 15.60 -0.34 -0.38 | 16.47 -0.77 -0.42 | 20.35 -0.57 -0.72 | 21.09 -0.77 -0.44 | 22.43 -0.37 -0.76 | 18.96 -1.14 1.08 | 20.59 -1.07 1.16 | 23.68 -1.27 0.39 | 23.63 -1.27 0.02 | 20.67 -1.04 -0.05 | 18.58 -1.27 -0.05 | 18.11 -1.09 0.00 | 16.58 -1.10 0.01 | 14.12 -0.95 -0.30 |
| LONG_LAKE_PHOENIX 24014 | 13.83 -0.04 -0.17 | 13.59 -0.11 -0.06 | 12.29 -0.12 0.00 | 10.63 -0.11 -0.16 | 10.40 -0.12 -0.10 | 9.20 -0.11 -0.14 | 10.83 -0.11 -0.02 | 12.63 -0.04 0.00 | 13.87 0.03 0.00 | 14.66 -0.06 0.00 | 15.53 -0.03 0.00 | 16.75 -0.07 0.00 | 20.13 -0.06 0.00 | 21.34 -0.09 0.00 | 22.03 -0.02 0.00 | 21.15 -0.04 0.00 | 22.78 -0.05 0.00 | 25.26 -0.08 0.00 | 24.82 -0.10 0.00 | 21.60 -0.09 -0.03 | 19.71 -0.12 -0.03 | 19.09 -0.11 -0.01 | 17.60 -0.09 0.00 | 14.86 -0.06 -0.15 |

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| LOVETT___3 23632 | 17.03 1.19 -2.14 | 15.50 1.17 -0.69 | 13.47 1.05 0.00 | 13.46 0.91 -1.98 | 12.49 0.89 -1.17 | 11.65 0.76 -1.72 | 12.13 0.94 -0.28 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.13 1.41 0.00 | 17.13 1.57 0.00 | 18.65 1.83 0.00 | 22.46 2.26 0.00 | 23.84 2.42 0.00 | 24.49 2.45 0.00 | 25.18 2.39 -1.60 | 34.55 2.56 -9.17 | 29.11 2.86 -0.91 | 27.66 2.74 0.00 | 24.41 2.36 -0.39 | 22.18 2.06 -0.33 | 21.30 2.03 -0.06 | 19.52 1.84 0.00 | 18.08 1.46 -1.84 |
| LOVETT___4 23642 | 17.03 1.19 -2.14 | 15.50 1.17 -0.69 | 13.47 1.05 0.00 | 13.46 0.91 -1.98 | 12.49 0.89 -1.17 | 11.65 0.76 -1.72 | 12.13 0.94 -0.28 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.13 1.41 0.00 | 17.13 1.57 0.00 | 18.65 1.83 0.00 | 22.46 2.26 0.00 | 23.84 2.42 0.00 | 24.49 2.45 0.00 | 25.18 2.39 -1.60 | 34.55 2.56 -9.17 | 29.11 2.86 -0.91 | 27.66 2.74 0.00 | 24.41 2.36 -0.39 | 22.18 2.06 -0.33 | 21.30 2.03 -0.06 | 19.52 1.84 0.00 | 18.08 1.46 -1.84 |
| LOVETT___5 23593 | 17.03 1.19 -2.14 | 15.50 1.17 -0.69 | 13.47 1.05 0.00 | 13.46 0.91 -1.98 | 12.49 0.89 -1.17 | 11.65 0.76 -1.72 | 12.13 0.94 -0.28 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.13 1.41 0.00 | 17.13 1.57 0.00 | 18.65 1.83 0.00 | 22.46 2.26 0.00 | 23.84 2.42 0.00 | 24.49 2.45 0.00 | 25.18 2.39 -1.60 | 34.55 2.56 -9.17 | 29.11 2.86 -0.91 | 27.66 2.74 0.00 | 24.41 2.36 -0.39 | 22.18 2.06 -0.33 | 21.30 2.03 -0.06 | 19.52 1.84 0.00 | 18.08 1.46 -1.84 |
| LOWER RAQUET___HYD 24057 | 13.21 -0.49 0.00 | 13.22 -0.42 0.00 | 12.06 -0.36 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.93 -0.24 0.00 | 10.59 -0.33 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.72 -0.61 0.23 | 15.15 -0.66 1.01 | 15.64 -0.85 3.71 | 15.79 -0.92 4.72 | 15.30 -0.95 5.80 | 15.67 -0.87 4.65 | 15.85 -1.05 5.93 | 16.28 -1.17 7.90 | 16.33 -1.17 7.41 | 15.82 -1.06 4.78 | 15.66 -0.83 3.31 | 15.56 -0.75 2.89 | 15.31 -0.69 1.68 | 14.27 -0.50 0.00 |
| LOWER___HUDSON 24059 | 17.69 1.01 -2.98 | 15.57 0.97 -0.96 | 13.28 0.87 0.00 | 14.07 0.74 -2.75 | 12.78 0.73 -1.62 | 12.21 0.65 -2.39 | 12.07 0.76 -0.38 | 13.49 0.82 0.00 | 14.82 0.98 0.00 | 15.87 1.15 0.00 | 16.80 1.23 -0.01 | 18.13 1.26 -0.05 | 21.82 1.43 -0.19 | 23.25 1.59 -0.24 | 23.86 1.52 -0.29 | 22.88 1.46 -0.24 | 24.82 1.69 -0.30 | 27.64 1.90 -0.40 | 27.26 1.97 -0.38 | 24.19 1.75 -0.78 | 22.06 1.64 -0.62 | 21.05 1.61 -0.23 | 19.22 1.45 -0.09 | 18.47 1.14 -2.56 |
| LWR___OSWEGATCHIE_HYD 23850 | 13.56 -0.14 0.00 | 13.50 -0.14 0.00 | 12.30 -0.11 0.00 | 10.46 -0.12 0.00 | 10.32 -0.11 0.00 | 9.08 -0.08 0.00 | 10.80 -0.12 0.00 | 12.58 -0.09 0.00 | 13.77 -0.07 0.00 | 14.64 -0.07 0.00 | 15.27 -0.14 0.15 | 15.98 -0.17 0.67 | 17.50 -0.24 2.46 | 17.98 -0.32 3.13 | 17.87 -0.33 3.84 | 17.79 -0.32 3.08 | 18.33 -0.57 3.93 | 19.47 -0.63 5.23 | 19.48 -0.52 4.91 | 18.02 -0.48 3.17 | 17.45 -0.16 2.19 | 17.15 -0.13 1.92 | 16.45 -0.12 1.12 | 14.70 -0.07 0.00 |
| LYONS_FALL_HYD 23570 | 13.97 0.27 0.00 | 13.87 0.23 0.00 | 12.63 0.21 0.00 | 10.71 0.14 0.00 | 10.57 0.14 0.00 | 9.30 0.14 0.00 | 11.09 0.17 0.00 | 12.92 0.25 0.00 | 14.21 0.37 0.00 | 15.13 0.41 0.00 | 15.93 0.40 0.03 | 17.08 0.40 0.15 | 20.13 0.46 0.53 | 21.15 0.41 0.68 | 21.63 0.42 0.83 | 20.95 0.42 0.67 | 22.16 0.18 0.85 | 24.43 0.23 1.13 | 24.25 0.40 1.06 | 21.28 0.30 0.68 | 19.92 0.59 0.47 | 19.35 0.56 0.41 | 17.94 0.49 0.24 | 15.14 0.37 0.00 |
| MADISON___COUNTY_LFGE 323628 | 14.14 0.36 -0.09 | 13.96 0.29 -0.03 | 12.68 0.26 0.00 | 10.86 0.20 -0.08 | 10.66 0.18 -0.05 | 9.40 0.17 -0.07 | 11.16 0.23 -0.01 | 13.01 0.34 0.00 | 14.31 0.47 0.00 | 15.22 0.50 0.00 | 16.09 0.53 0.00 | 17.36 0.54 0.00 | 20.84 0.65 0.00 | 22.04 0.62 0.00 | 22.71 0.66 0.00 | 21.82 0.64 0.00 | 23.33 0.50 0.00 | 25.92 0.58 0.00 | 25.59 0.67 0.00 | 22.24 0.56 -0.02 | 20.50 0.69 -0.01 | 19.86 0.65 0.00 | 18.27 0.58 0.00 | 15.31 0.46 -0.08 |
| MAPLE_RIDGE_WT_1 323574 | 13.32 -0.23 0.14 | 13.36 -0.23 0.05 | 12.20 -0.21 0.00 | 10.26 -0.18 0.13 | 10.18 -0.18 0.08 | 8.89 -0.16 0.12 | 10.71 -0.19 0.02 | 12.47 -0.20 0.00 | 13.66 -0.18 0.00 | 14.56 -0.16 0.00 | 15.53 -0.16 -0.13 | 17.21 -0.18 -0.58 | 22.09 -0.22 -2.11 | 23.88 -0.24 -2.69 | 25.16 -0.20 -3.31 | 23.67 -0.17 -2.65 | 26.02 -0.18 -3.38 | 29.64 -0.20 -4.50 | 28.94 -0.20 -4.23 | 24.16 -0.20 -2.70 | 21.50 -0.16 -1.86 | 20.69 -0.15 -1.64 | 18.49 -0.16 -0.96 | 14.52 -0.13 0.12 |
| MAPLE_RIDGE_WT_2 323611 | 13.32 -0.23 0.14 | 13.36 -0.23 0.05 | 12.20 -0.21 0.00 | 10.26 -0.18 0.13 | 10.18 -0.18 0.08 | 8.89 -0.16 0.12 | 10.71 -0.19 0.02 | 12.47 -0.20 0.00 | 13.66 -0.18 0.00 | 14.56 -0.16 0.00 | 15.53 -0.16 -0.13 | 17.21 -0.18 -0.58 | 22.09 -0.22 -2.11 | 23.88 -0.24 -2.69 | 25.16 -0.20 -3.31 | 23.67 -0.17 -2.65 | 26.02 -0.18 -3.38 | 29.64 -0.20 -4.50 | 28.94 -0.20 -4.23 | 24.16 -0.20 -2.70 | 21.50 -0.16 -1.86 | 20.69 -0.15 -1.64 | 18.49 -0.16 -0.96 | 14.52 -0.13 0.12 |
| MARBLE_RIVER_WT_PWR 323696 | 13.00 -0.70 0.00 | 13.03 -0.61 0.00 | 11.88 -0.53 0.00 | 10.13 -0.44 0.00 | 10.04 -0.40 0.00 | 8.85 -0.31 0.00 | 10.54 -0.38 0.00 | 12.28 -0.39 0.00 | 13.33 -0.51 0.00 | 14.20 -0.52 0.00 | 14.66 -0.61 0.29 | 14.88 -0.66 1.28 | 14.67 -0.85 4.68 | 14.57 -0.90 5.95 | 13.80 -0.93 7.32 | 14.50 -0.83 5.86 | 14.50 -0.84 7.48 | 14.44 -0.94 9.96 | 14.72 -0.85 9.35 | 14.89 -0.74 6.03 | 14.93 -0.69 4.17 | 14.82 -0.73 3.65 | 14.85 -0.71 2.13 | 14.18 -0.59 0.00 |
| MARSH_HILL_WT_PWR 323713 | 14.28 0.12 -0.46 | 13.72 -0.07 -0.15 | 12.29 -0.12 0.00 | 10.88 -0.13 -0.43 | 10.55 -0.14 -0.25 | 9.39 -0.15 -0.37 | 10.85 -0.13 -0.06 | 13.55 0.03 -0.86 | 18.84 0.12 -4.88 | 20.42 0.27 -5.43 | 23.97 0.36 -8.06 | 25.85 0.19 -8.85 | 35.66 0.38 -15.08 | 39.45 0.30 -17.72 | 42.12 0.66 -19.41 | 27.03 0.27 -5.57 | 29.13 0.34 -5.96 | 32.21 0.46 -6.41 | 28.32 0.50 -2.90 | 22.82 0.48 -0.68 | 20.13 0.24 -0.09 | 19.66 0.29 -0.17 | 17.94 0.25 -0.01 | 15.34 0.16 -0.40 |
| MG INDUSTRY___DRP 24185 | 17.25 0.74 -2.82 | 15.27 0.72 -0.90 | 13.06 0.65 0.00 | 13.73 0.55 -2.60 | 12.52 0.55 -1.53 | 11.91 0.49 -2.26 | 11.83 0.55 -0.36 | 13.24 0.57 0.00 | 14.52 0.68 0.00 | 15.51 0.79 0.00 | 16.41 0.86 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.70 1.37 0.00 | 26.29 1.37 0.00 | 23.38 1.21 -0.51 | 21.34 1.11 -0.43 | 20.38 1.09 -0.08 | 18.68 0.99 0.00 | 17.97 0.77 -2.42 |
| MID___OSWEGATCHIE_HYD 23849 | 13.56 -0.14 0.00 | 13.50 -0.14 0.00 | 12.30 -0.11 0.00 | 10.46 -0.12 0.00 | 10.32 -0.11 0.00 | 9.08 -0.08 0.00 | 10.80 -0.12 0.00 | 12.58 -0.09 0.00 | 13.77 -0.07 0.00 | 14.64 -0.07 0.00 | 15.27 -0.14 0.15 | 15.98 -0.17 0.67 | 17.50 -0.24 2.46 | 17.98 -0.32 3.13 | 17.87 -0.33 3.84 | 17.79 -0.32 3.08 | 18.33 -0.57 3.93 | 19.47 -0.63 5.23 | 19.48 -0.52 4.91 | 18.02 -0.48 3.17 | 17.45 -0.16 2.19 | 17.15 -0.13 1.92 | 16.45 -0.12 1.12 | 14.70 -0.07 0.00 |
| MID___RAQUETTE_HYD 23851 | 13.21 -0.49 0.00 | 13.22 -0.42 0.00 | 12.06 -0.36 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.93 -0.24 0.00 | 10.59 -0.33 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.72 -0.61 0.23 | 15.15 -0.66 1.01 | 15.64 -0.85 3.71 | 15.79 -0.92 4.72 | 15.30 -0.95 5.80 | 15.67 -0.87 4.65 | 15.85 -1.05 5.93 | 16.28 -1.17 7.90 | 16.33 -1.17 7.41 | 15.82 -1.06 4.78 | 15.66 -0.83 3.31 | 15.56 -0.75 2.89 | 15.31 -0.69 1.68 | 14.27 -0.50 0.00 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| MILLIKEN___1 23584 | 14.45 0.30 -0.45 | 13.99 0.20 -0.14 | 12.58 0.16 0.00 | 11.12 0.13 -0.41 | 10.79 0.11 -0.24 | 9.62 0.09 -0.36 | 11.12 0.14 -0.06 | 12.99 0.29 -0.03 | 14.41 0.39 -0.18 | 15.28 0.37 -0.20 | 16.29 0.43 -0.29 | 17.54 0.40 -0.32 | 21.25 0.51 -0.55 | 22.32 0.51 -0.39 | 23.27 0.62 -0.60 | 22.07 0.55 -0.33 | 23.75 0.57 -0.35 | 26.27 0.66 -0.28 | 25.74 0.70 -0.13 | 22.33 0.56 -0.11 | 20.40 0.53 -0.07 | 19.72 0.50 -0.02 | 18.16 0.48 0.00 | 15.53 0.37 -0.39 |
| MILLIKEN___2 23585 | 14.45 0.30 -0.45 | 13.99 0.20 -0.14 | 12.58 0.16 0.00 | 11.12 0.13 -0.41 | 10.79 0.11 -0.24 | 9.62 0.09 -0.36 | 11.12 0.14 -0.06 | 12.99 0.29 -0.03 | 14.41 0.39 -0.18 | 15.28 0.37 -0.20 | 16.29 0.43 -0.29 | 17.54 0.40 -0.32 | 21.25 0.51 -0.55 | 22.32 0.51 -0.39 | 23.27 0.62 -0.60 | 22.07 0.55 -0.33 | 23.75 0.57 -0.35 | 26.27 0.66 -0.28 | 25.74 0.70 -0.13 | 22.33 0.56 -0.11 | 20.40 0.53 -0.07 | 19.72 0.50 -0.02 | 18.16 0.48 0.00 | 15.53 0.37 -0.39 |
| MILLIKEN___DIESEL 23629 | 14.45 0.30 -0.45 | 13.99 0.20 -0.14 | 12.58 0.16 0.00 | 11.12 0.13 -0.41 | 10.79 0.11 -0.24 | 9.62 0.09 -0.36 | 11.12 0.14 -0.06 | 12.99 0.29 -0.03 | 14.41 0.39 -0.18 | 15.28 0.37 -0.20 | 16.29 0.43 -0.29 | 17.54 0.40 -0.32 | 21.25 0.51 -0.55 | 22.32 0.51 -0.39 | 23.27 0.62 -0.60 | 22.07 0.55 -0.33 | 23.75 0.57 -0.35 | 26.27 0.66 -0.28 | 25.74 0.70 -0.13 | 22.33 0.56 -0.11 | 20.40 0.53 -0.07 | 19.72 0.50 -0.02 | 18.16 0.48 0.00 | 15.53 0.37 -0.39 |
| MILLSEAT___LFGE 323607 | 13.60 -0.42 -0.33 | 13.13 -0.61 -0.11 | 11.82 -0.60 0.00 | 10.35 -0.53 -0.30 | 10.12 -0.49 -0.18 | 8.97 -0.46 -0.27 | 10.40 -0.56 -0.04 | 12.13 -0.53 0.01 | 13.39 -0.43 0.02 | 14.55 -0.15 0.02 | 15.53 0.00 0.03 | 16.45 -0.34 0.03 | 20.02 -0.12 0.05 | 20.74 -0.26 0.43 | 21.90 0.07 0.22 | 19.30 -0.59 1.29 | 20.99 -0.46 1.38 | 24.10 -0.63 0.61 | 24.25 -0.55 0.11 | 21.21 -0.48 -0.03 | 19.13 -0.71 -0.04 | 18.60 -0.60 0.00 | 17.05 -0.62 0.01 | 14.48 -0.58 -0.28 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 17.16 1.26 -2.20 | 15.59 1.24 -0.71 | 13.53 1.12 0.00 | 13.57 0.96 -2.03 | 12.57 0.94 -1.20 | 11.73 0.80 -1.77 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.11 1.27 0.00 | 16.20 1.49 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.58 2.38 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.68 2.52 -0.97 | 31.12 2.72 -5.58 | 28.93 3.04 -0.55 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.29 2.16 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.19 1.52 -1.90 |
| MODEL_CITY_ENERGY 24167 | 13.20 -0.85 -0.35 | 12.73 -1.02 -0.11 | 11.45 -0.97 0.00 | 10.06 -0.84 -0.32 | 9.83 -0.79 -0.19 | 8.72 -0.72 -0.28 | 10.07 -0.90 -0.04 | 11.43 -0.90 0.34 | 11.12 -0.84 1.88 | 12.03 -0.59 2.10 | 11.97 -0.48 3.10 | 12.59 -0.82 3.40 | 13.80 -0.61 5.79 | 13.90 -0.81 6.70 | 14.22 -0.42 7.41 | 15.66 -1.25 4.28 | 17.09 -1.16 4.58 | 19.36 -1.37 4.61 | 21.47 -1.39 2.06 | 20.12 -1.17 0.37 | 18.44 -1.39 -0.02 | 17.90 -1.19 0.11 | 16.44 -1.22 0.02 | 14.02 -1.05 -0.30 |
| MODERN_LFGE___ 323580 | 13.20 -0.85 -0.35 | 12.73 -1.02 -0.11 | 11.45 -0.97 0.00 | 10.06 -0.84 -0.32 | 9.83 -0.79 -0.19 | 8.72 -0.72 -0.28 | 10.07 -0.90 -0.04 | 11.43 -0.90 0.34 | 11.12 -0.84 1.88 | 12.03 -0.59 2.10 | 11.97 -0.48 3.10 | 12.59 -0.82 3.40 | 13.80 -0.61 5.79 | 13.90 -0.81 6.70 | 14.22 -0.42 7.41 | 15.66 -1.25 4.28 | 17.09 -1.16 4.58 | 19.36 -1.37 4.61 | 21.47 -1.39 2.06 | 20.12 -1.17 0.37 | 18.44 -1.39 -0.02 | 17.90 -1.19 0.11 | 16.44 -1.22 0.02 | 14.02 -1.05 -0.30 |
| MOHAWK_PAPER___DRP 24187 | 17.55 0.93 -2.92 | 15.46 0.89 -0.94 | 13.21 0.80 0.00 | 13.95 0.68 -2.69 | 12.69 0.67 -1.59 | 12.10 0.60 -2.34 | 11.97 0.68 -0.37 | 13.39 0.72 0.00 | 14.70 0.86 0.00 | 15.72 1.00 0.00 | 16.64 1.07 -0.01 | 17.97 1.11 -0.04 | 21.63 1.27 -0.16 | 23.04 1.41 -0.21 | 23.65 1.35 -0.25 | 22.68 1.29 -0.20 | 24.57 1.48 -0.26 | 27.36 1.67 -0.35 | 26.96 1.72 -0.33 | 23.91 1.52 -0.74 | 21.82 1.43 -0.59 | 20.81 1.40 -0.21 | 19.02 1.26 -0.07 | 18.28 0.99 -2.51 |
| MONGAUP___HYD 23641 | 16.92 1.19 -2.03 | 15.44 1.15 -0.65 | 13.43 1.02 0.00 | 13.32 0.87 -1.87 | 12.38 0.84 -1.10 | 11.51 0.72 -1.63 | 12.04 0.86 -0.26 | 13.61 0.94 0.00 | 14.92 1.08 0.00 | 15.98 1.27 0.00 | 16.96 1.40 0.00 | 18.35 1.53 0.00 | 22.13 1.94 0.00 | 23.54 2.12 0.00 | 24.12 2.07 0.00 | 20.55 2.05 2.70 | 9.59 2.26 15.50 | 26.42 2.61 1.53 | 27.43 2.52 0.00 | 24.13 2.10 -0.37 | 22.17 2.06 -0.31 | 21.26 2.00 -0.06 | 19.51 1.82 0.00 | 17.97 1.45 -1.75 |
| MONTAUK___DIESEL 23721 | 19.86 2.73 -3.44 | 17.70 2.81 -1.25 | 15.12 2.54 -0.16 | 14.69 2.07 -2.04 | 13.62 1.98 -1.20 | 12.75 1.81 -1.78 | 13.63 2.20 -0.52 | 16.17 2.65 -0.86 | 19.20 2.98 -2.38 | 22.18 3.30 -4.16 | 22.84 3.75 -3.54 | 24.03 4.39 -2.83 | 25.86 5.29 -0.37 | 27.18 5.36 -0.40 | 28.58 5.86 -0.67 | 31.19 5.85 -4.16 | 34.99 6.00 -6.16 | 37.12 6.99 -4.79 | 32.52 7.05 -0.56 | 28.69 5.89 -1.14 | 26.39 5.13 -1.46 | 25.12 4.99 -0.92 | 22.90 4.23 -0.99 | 21.31 3.28 -3.26 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 17.32 1.41 -2.21 | 15.74 1.39 -0.71 | 13.68 1.27 0.00 | 13.70 1.08 -2.04 | 12.69 1.05 -1.20 | 11.85 0.91 -1.77 | 12.31 1.11 -0.28 | 13.89 1.23 0.01 | 15.18 1.44 0.10 | 15.91 1.66 0.47 | 16.50 1.83 0.89 | 17.74 2.14 1.22 | 22.82 2.62 0.00 | 24.04 2.81 0.19 | 24.70 2.86 0.21 | 23.94 2.80 0.04 | 30.65 2.99 -4.84 | 29.16 3.34 -0.48 | 28.10 3.19 0.00 | 24.74 2.77 -0.31 | 22.41 2.41 -0.20 | 20.96 2.36 0.60 | 19.05 2.12 0.76 | 18.37 1.70 -1.90 |
| MUNSVILLE_WIND_PWR 323609 | 15.07 0.68 -0.69 | 14.42 0.56 -0.22 | 12.90 0.48 0.00 | 11.56 0.35 -0.63 | 11.13 0.32 -0.37 | 10.01 0.29 -0.55 | 11.42 0.41 -0.09 | 13.30 0.60 -0.03 | 14.85 0.82 -0.19 | 15.83 0.90 -0.22 | 16.81 0.93 -0.32 | 18.09 0.92 -0.35 | 21.97 1.17 -0.60 | 22.92 1.07 -0.42 | 23.92 1.21 -0.66 | 22.79 1.19 -0.41 | 24.20 0.94 -0.44 | 26.77 1.09 -0.35 | 26.50 1.42 -0.16 | 22.98 1.17 -0.16 | 21.43 1.52 -0.10 | 20.65 1.42 -0.03 | 18.96 1.27 0.00 | 16.31 0.95 -0.59 |
| N SALMON___HYD 24042 | 13.11 -0.59 0.00 | 13.14 -0.50 0.00 | 11.99 -0.42 0.00 | 10.22 -0.36 0.00 | 10.11 -0.32 0.00 | 8.92 -0.25 0.00 | 10.58 -0.34 0.00 | 12.33 -0.34 0.00 | 13.40 -0.44 0.00 | 14.28 -0.44 0.00 | 14.74 -0.54 0.27 | 15.05 -0.57 1.19 | 15.06 -0.77 4.36 | 15.08 -0.79 5.55 | 14.38 -0.84 6.83 | 14.95 -0.76 5.47 | 15.05 -0.80 6.98 | 15.16 -0.89 9.29 | 15.39 -0.80 8.72 | 15.34 -0.69 5.62 | 15.31 -0.59 3.89 | 15.17 -0.63 3.40 | 15.08 -0.62 1.98 | 14.27 -0.50 0.00 |
| N.E._GEN_SANDY PD 24062 | 17.29 0.97 -2.62 | 15.80 0.97 -1.19 | 14.98 0.87 -1.70 | 14.56 0.75 -3.23 | 13.89 0.75 -2.70 | 14.20 0.66 -4.37 | 13.06 0.80 -1.35 | 15.30 0.82 -1.81 | 15.10 0.98 -0.28 | 17.00 1.13 -1.15 | 17.40 1.25 -0.60 | 18.70 1.40 -0.49 | 21.83 1.64 0.00 | 23.18 1.76 0.00 | 23.79 1.74 0.00 | 23.18 1.72 -0.28 | 26.30 1.87 -1.60 | 27.60 2.10 -0.16 | 26.98 2.07 0.00 | 23.95 1.82 -0.47 | 21.82 1.62 -0.40 | 20.85 1.57 -0.08 | 19.12 1.43 0.00 | 18.15 1.12 -2.25 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 17.07 1.23 -2.14 | 15.54 1.21 -0.69 | 13.51 1.09 0.00 | 13.48 0.93 -1.98 | 12.50 0.91 -1.16 | 11.66 0.78 -1.72 | 12.15 0.96 -0.27 | 13.72 1.05 0.00 | 15.09 1.25 0.00 | 16.17 1.46 0.00 | 17.17 1.62 0.00 | 18.68 1.87 0.00 | 22.52 2.32 0.00 | 23.91 2.48 0.00 | 24.54 2.49 0.00 | 25.35 2.44 -1.73 | 35.38 2.62 -9.93 | 29.26 2.94 -0.98 | 27.71 2.79 0.00 | 24.45 2.40 -0.39 | 22.24 2.12 -0.33 | 21.36 2.09 -0.06 | 19.58 1.89 0.00 | 18.12 1.51 -1.84 |

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|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| NARROWS_GT1_1 24228 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_2 24229 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_3 24230 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_4 24231 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_5 24232 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_6 24233 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_7 24234 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT1_8 24235 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_1 24236 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_2 24237 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_3 24238 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_4 24239 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_5 24240 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_6 24241 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |
| NARROWS_GT2_7 24242 | 17.51 | 15.89 | 13.81 | 13.82 | 12.80 | 11.93 | 12.36 | 13.95 | 15.56 | 17.47 | 19.38 | 21.70 | 27.07 | 27.08 | 28.29 | 40.46 | 40.52 | 54.57 | 46.05 | 27.58 | 29.13 | 28.97 | 21.55 | 18.60 |
| | 1.59 | 1.53 | 1.39 | 1.19 | 1.16 | 0.98 | 1.15 | 1.27 | 1.51 | 1.75 | 1.94 | 2.30 | 2.85 | 3.02 | 3.11 | 3.05 | 3.24 | 3.62 | 3.46 | 2.99 | 2.61 | 2.55 | 2.26 | 1.89 |
| | -2.22 | -0.72 | -0.01 | -2.05 | -1.21 | -1.78 | -0.29 | -0.02 | -0.21 | -1.00 | -1.88 | -2.58 | -4.03 | -2.64 | -3.14 | -16.22 | -14.45 | -25.61 | -17.68 | -2.93 | -6.72 | -7.22 | -1.60 | -1.93 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| NARROWS_GT2_8 24243 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 17.40 1.27 -2.43 | 15.65 1.23 -0.78 | 13.48 1.07 0.00 | 13.74 0.92 -2.24 | 12.65 0.90 -1.32 | 11.86 0.75 -1.95 | 12.11 0.88 -0.31 | 13.64 0.98 0.00 | 14.96 1.12 0.00 | 16.01 1.30 0.00 | 17.00 1.45 0.00 | 18.20 1.38 0.00 | 21.95 1.76 0.00 | 23.35 1.93 0.00 | 23.90 1.85 0.00 | 23.03 1.84 0.00 | 24.97 2.15 0.00 | 27.75 2.41 0.00 | 27.31 2.39 0.00 | 24.07 1.97 -0.44 | 22.29 2.12 -0.37 | 21.29 2.02 -0.07 | 19.54 1.86 0.00 | 18.34 1.48 -2.09 |
| NEG CAPITAL___MECHNVIL 23645 | 17.97 1.25 -3.03 | 15.79 1.17 -0.97 | 13.46 1.04 0.00 | 14.26 0.89 -2.79 | 12.96 0.88 -1.65 | 12.38 0.79 -2.43 | 12.23 0.93 -0.39 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.13 1.41 0.00 | 17.08 1.51 -0.01 | 18.37 1.50 -0.05 | 22.13 1.74 -0.20 | 23.61 1.93 -0.26 | 24.19 1.83 -0.31 | 23.15 1.72 -0.25 | 25.18 2.03 -0.32 | 28.05 2.28 -0.43 | 27.73 2.42 -0.40 | 24.61 2.14 -0.81 | 22.52 2.08 -0.64 | 21.48 2.03 -0.24 | 19.58 1.80 -0.09 | 18.83 1.45 -2.61 |
| NEG CENTRAL_HIGH_ACRES 23767 | 13.43 -0.53 -0.27 | 13.07 -0.65 -0.09 | 11.81 -0.61 0.00 | 10.28 -0.54 -0.25 | 10.05 -0.53 -0.14 | 8.90 -0.48 -0.21 | 10.40 -0.56 -0.03 | 12.10 -0.57 0.00 | 13.33 -0.51 0.00 | 14.25 -0.47 0.00 | 15.14 -0.42 0.00 | 16.26 -0.55 0.00 | 19.59 -0.61 0.00 | 20.74 -0.69 0.00 | 21.45 -0.59 0.00 | 20.15 -0.76 0.27 | 21.80 -0.73 0.29 | 24.25 -0.86 0.23 | 24.07 -0.75 0.10 | 20.97 -0.71 -0.03 | 19.09 -0.75 -0.04 | 18.48 -0.73 0.00 | 17.01 -0.67 0.00 | 14.44 -0.56 -0.23 |
| NEG CENTRAL___DRP 24199 | 14.02 0.03 -0.29 | 13.65 -0.08 -0.09 | 12.32 -0.10 0.00 | 10.74 -0.11 -0.27 | 10.48 -0.11 -0.16 | 9.29 -0.11 -0.23 | 10.86 -0.10 -0.04 | 12.68 0.01 0.00 | 13.95 0.11 0.00 | 14.82 0.10 0.00 | 15.73 0.17 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.51 0.09 0.00 | 22.27 0.22 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.54 0.20 0.00 | 25.14 0.22 0.00 | 21.86 0.15 -0.05 | 19.96 0.12 -0.04 | 19.31 0.10 -0.01 | 17.83 0.14 0.00 | 15.11 0.09 -0.25 |
| NEG CENTRAL___INDECK 23768 | 14.26 0.18 -0.39 | 13.75 -0.01 -0.13 | 12.37 -0.05 0.00 | 10.86 -0.07 -0.36 | 10.56 -0.08 -0.21 | 9.40 -0.08 -0.31 | 10.91 -0.05 -0.05 | 13.14 0.09 -0.39 | 16.29 0.25 -2.20 | 17.59 0.43 -2.44 | 19.76 0.58 -3.62 | 21.27 0.47 -3.98 | 27.65 0.67 -6.79 | 29.89 0.62 -7.85 | 31.57 0.84 -8.68 | 22.92 0.55 -1.19 | 24.78 0.68 -1.27 | 27.10 0.68 -1.08 | 26.18 0.80 -0.46 | 22.47 0.65 -0.16 | 20.27 0.42 -0.06 | 19.64 0.40 -0.03 | 18.04 0.35 0.00 | 15.34 0.24 -0.34 |
| NEG CENTRAL___SENECA 23627 | 14.08 0.06 -0.32 | 13.65 -0.09 -0.10 | 12.30 -0.11 0.00 | 10.77 -0.11 -0.30 | 10.50 -0.11 -0.18 | 9.32 -0.11 -0.26 | 10.86 -0.10 -0.04 | 12.72 0.03 -0.03 | 14.12 0.12 -0.15 | 15.03 0.15 -0.17 | 16.03 0.22 -0.25 | 17.23 0.13 -0.28 | 20.81 0.14 -0.48 | 21.86 0.11 -0.33 | 22.85 0.29 -0.52 | 21.40 0.21 0.00 | 23.01 0.18 0.00 | 25.56 0.23 0.00 | 25.22 0.30 0.00 | 21.96 0.24 -0.06 | 20.03 0.18 -0.05 | 19.37 0.15 -0.01 | 17.91 0.23 0.00 | 15.20 0.15 -0.28 |
| NEG CENTRAL___STATE_STREET 24147 | 14.12 0.14 -0.28 | 13.75 0.01 -0.09 | 12.42 0.00 0.00 | 10.84 0.00 -0.26 | 10.57 -0.02 -0.15 | 9.37 -0.03 -0.23 | 10.97 0.01 -0.04 | 12.78 0.11 0.00 | 14.05 0.21 0.00 | 14.91 0.19 0.00 | 15.84 0.28 0.00 | 17.05 0.24 0.00 | 20.50 0.30 0.00 | 21.72 0.30 0.00 | 22.44 0.40 0.00 | 21.55 0.36 0.00 | 23.19 0.36 0.00 | 25.77 0.43 0.00 | 25.34 0.42 0.00 | 21.97 0.26 -0.05 | 20.10 0.26 -0.04 | 19.46 0.25 -0.01 | 17.91 0.23 0.00 | 15.20 0.18 -0.24 |
| NEG MILLWOOD___DRP 24198 | 17.40 1.42 -2.28 | 15.76 1.39 -0.73 | 13.65 1.23 0.00 | 13.75 1.07 -2.11 | 12.70 1.02 -1.24 | 11.84 0.84 -1.83 | 12.26 1.05 -0.29 | 13.83 1.16 0.00 | 15.21 1.37 0.00 | 16.34 1.62 0.00 | 17.36 1.80 0.00 | 19.10 2.29 0.00 | 23.08 2.89 0.00 | 24.55 3.13 0.00 | 25.07 3.02 0.00 | 24.51 2.99 -0.34 | 28.01 3.24 -1.94 | 29.18 3.65 -0.19 | 28.40 3.49 0.00 | 25.04 2.97 -0.41 | 22.54 2.39 -0.35 | 21.59 2.32 -0.07 | 19.82 2.14 0.00 | 18.46 1.73 -1.96 |
| NEG NORTH_FLCN_SEA 23793 | 13.12 -0.57 0.00 | 13.15 -0.49 0.00 | 12.01 -0.41 0.00 | 10.23 -0.35 0.00 | 10.13 -0.30 0.00 | 8.94 -0.23 0.00 | 10.62 -0.29 0.00 | 12.38 -0.29 0.00 | 13.45 -0.39 0.00 | 14.32 -0.40 0.00 | 14.79 -0.48 0.29 | 15.04 -0.50 1.27 | 14.84 -0.69 4.67 | 14.78 -0.71 5.94 | 14.00 -0.75 7.30 | 14.68 -0.66 5.85 | 14.70 -0.66 7.47 | 14.66 -0.74 9.94 | 14.96 -0.62 9.33 | 15.10 -0.54 6.02 | 15.14 -0.49 4.16 | 15.01 -0.56 3.64 | 15.02 -0.55 2.12 | 14.32 -0.46 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 13.00 -0.70 0.00 | 13.03 -0.61 0.00 | 11.89 -0.52 0.00 | 10.13 -0.44 0.00 | 10.04 -0.40 0.00 | 8.84 -0.32 0.00 | 10.53 -0.39 0.00 | 12.26 -0.41 0.00 | 13.30 -0.54 0.00 | 14.16 -0.56 0.00 | 14.62 -0.65 0.28 | 14.87 -0.69 1.25 | 14.72 -0.89 4.59 | 14.65 -0.94 5.83 | 13.90 -0.97 7.17 | 14.57 -0.87 5.75 | 14.60 -0.89 7.34 | 14.58 -0.99 9.77 | 14.85 -0.90 9.17 | 14.97 -0.78 5.91 | 15.00 -0.71 4.09 | 14.86 -0.77 3.58 | 14.86 -0.74 2.08 | 14.17 -0.61 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 13.12 -0.57 0.00 | 13.15 -0.49 0.00 | 12.01 -0.41 0.00 | 10.22 -0.36 0.00 | 10.12 -0.31 0.00 | 8.93 -0.24 0.00 | 10.61 -0.31 0.00 | 12.36 -0.30 0.00 | 13.44 -0.40 0.00 | 14.32 -0.40 0.00 | 14.77 -0.50 0.29 | 15.04 -0.50 1.27 | 14.85 -0.69 4.65 | 14.80 -0.71 5.92 | 14.02 -0.75 7.28 | 14.67 -0.68 5.83 | 14.72 -0.66 7.44 | 14.69 -0.74 9.91 | 15.01 -0.60 9.30 | 15.16 -0.50 6.00 | 15.19 -0.45 4.15 | 15.04 -0.54 3.63 | 15.04 -0.53 2.11 | 14.32 -0.46 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 13.12 -0.57 0.00 | 13.15 -0.49 0.00 | 12.01 -0.41 0.00 | 10.22 -0.36 0.00 | 10.12 -0.31 0.00 | 8.93 -0.24 0.00 | 10.61 -0.31 0.00 | 12.36 -0.30 0.00 | 13.44 -0.40 0.00 | 14.32 -0.40 0.00 | 14.77 -0.50 0.29 | 15.04 -0.50 1.27 | 14.85 -0.69 4.65 | 14.80 -0.71 5.92 | 14.02 -0.75 7.28 | 14.67 -0.68 5.83 | 14.72 -0.66 7.44 | 14.69 -0.74 9.91 | 15.01 -0.60 9.30 | 15.16 -0.50 6.00 | 15.19 -0.45 4.15 | 15.04 -0.54 3.63 | 15.04 -0.53 2.11 | 14.32 -0.46 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 13.12 -0.57 0.00 | 13.15 -0.49 0.00 | 12.01 -0.41 0.00 | 10.22 -0.36 0.00 | 10.12 -0.31 0.00 | 8.93 -0.24 0.00 | 10.61 -0.31 0.00 | 12.36 -0.30 0.00 | 13.44 -0.40 0.00 | 14.32 -0.40 0.00 | 14.77 -0.50 0.29 | 15.04 -0.50 1.27 | 14.85 -0.69 4.65 | 14.80 -0.71 5.92 | 14.02 -0.75 7.28 | 14.67 -0.68 5.83 | 14.72 -0.66 7.44 | 14.69 -0.74 9.91 | 15.01 -0.60 9.30 | 15.16 -0.50 6.00 | 15.19 -0.45 4.15 | 15.04 -0.54 3.63 | 15.04 -0.53 2.11 | 14.32 -0.46 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 13.36 -0.68 -0.34 | 12.88 -0.87 -0.11 | 11.58 -0.83 0.00 | 10.19 -0.71 -0.32 | 9.95 -0.67 -0.19 | 8.82 -0.62 -0.28 | 10.21 -0.75 -0.04 | 11.93 -0.77 -0.03 | 13.37 -0.71 -0.23 | 14.53 -0.44 -0.26 | 15.60 -0.34 -0.38 | 16.47 -0.77 -0.42 | 20.35 -0.57 -0.72 | 21.09 -0.77 -0.44 | 22.43 -0.37 -0.76 | 18.96 -1.14 1.08 | 20.59 -1.07 1.16 | 23.68 -1.27 0.39 | 23.63 -1.27 0.02 | 20.67 -1.04 -0.05 | 18.58 -1.27 -0.05 | 18.11 -1.09 0.00 | 16.58 -1.10 0.01 | 14.12 -0.95 -0.30 |

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| NEG WEST___LANCASTR 23811 | 13.98 -0.12 -0.40 | 13.46 -0.31 -0.13 | 12.08 -0.33 0.00 | 10.66 -0.29 -0.37 | 10.39 -0.26 -0.22 | 9.22 -0.27 -0.32 | 10.64 -0.33 -0.05 | 15.37 -0.24 -2.95 | 30.41 -0.11 -16.68 | 33.49 0.19 -18.58 | 43.43 0.33 -27.55 | 47.08 0.02 -30.25 | 72.15 0.38 -51.57 | 85.36 0.24 -63.70 | 90.42 0.71 -67.67 | 42.11 -0.06 -20.98 | 45.34 0.05 -22.47 | 49.30 0.05 -23.91 | 35.91 0.07 -10.92 | 24.10 0.11 -2.33 | 19.74 -0.20 -0.14 | 19.76 -0.04 -0.60 | 17.63 -0.11 -0.05 | 14.99 -0.13 -0.35 |
| NEG_PENN_ALLEGHNY 23528 | 14.68 0.26 -0.72 | 14.05 0.18 -0.23 | 12.55 0.14 0.00 | 11.35 0.11 -0.66 | 10.93 0.10 -0.39 | 9.83 0.08 -0.58 | 11.12 0.11 -0.09 | 12.91 0.20 -0.04 | 14.38 0.30 -0.23 | 15.34 0.37 -0.26 | 16.38 0.43 -0.39 | 17.66 0.42 -0.42 | 21.50 0.59 -0.72 | 22.51 0.58 -0.51 | 23.54 0.71 -0.79 | 22.31 0.57 -0.55 | 24.01 0.59 -0.59 | 26.49 0.68 -0.47 | 25.81 0.67 -0.22 | 22.42 0.59 -0.17 | 20.36 0.46 -0.11 | 19.71 0.48 -0.03 | 18.11 0.42 0.00 | 15.73 0.34 -0.62 |
| NEG___GEN_MONROE 24207 | 13.76 -0.22 -0.28 | 13.38 -0.35 -0.09 | 12.06 -0.36 0.00 | 10.48 -0.36 -0.26 | 10.24 -0.34 -0.15 | 9.06 -0.33 -0.23 | 10.55 -0.40 -0.04 | 12.30 -0.37 0.00 | 13.66 -0.18 0.00 | 14.72 0.00 0.00 | 15.65 0.09 0.00 | 16.72 -0.10 0.00 | 20.19 0.00 0.00 | 21.92 -0.06 -0.56 | 22.37 0.09 -0.24 | 19.40 -0.21 1.58 | 21.07 -0.07 1.69 | 23.23 -0.23 1.87 | 24.04 -0.05 0.83 | 21.47 -0.06 0.12 | 19.56 -0.28 -0.04 | 18.94 -0.23 0.04 | 17.45 -0.23 0.00 | 14.76 -0.25 -0.24 |
| NEPA___ENERGY 23901 | 13.95 -0.15 -0.41 | 13.44 -0.33 -0.13 | 12.08 -0.33 0.00 | 10.67 -0.29 -0.38 | 10.39 -0.26 -0.22 | 9.24 -0.26 -0.33 | 10.69 -0.28 -0.05 | 13.97 -0.28 -1.58 | 22.61 -0.19 -8.96 | 24.76 0.06 -9.98 | 30.51 0.16 -14.80 | 33.02 -0.05 -16.25 | 48.12 0.22 -27.71 | 53.11 0.09 -31.60 | 57.77 0.46 -35.26 | 33.35 -0.19 -12.35 | 35.96 -0.09 -13.22 | 38.88 -0.05 -13.59 | 31.00 -0.05 -6.13 | 22.99 0.00 -1.33 | 19.64 -0.26 -0.10 | 19.46 -0.08 -0.33 | 17.57 -0.14 -0.02 | 14.98 -0.15 -0.35 |
| NEVERSINK___HYD 23608 | 16.68 0.99 -2.00 | 15.22 0.94 -0.64 | 13.25 0.83 0.00 | 13.14 0.72 -1.84 | 12.21 0.69 -1.09 | 11.35 0.59 -1.60 | 11.90 0.72 -0.26 | 13.45 0.79 0.00 | 14.77 0.93 0.00 | 15.81 1.09 0.00 | 16.77 1.21 0.00 | 18.16 1.35 0.00 | 21.93 1.74 0.00 | 23.27 1.84 0.00 | 23.86 1.81 0.00 | 23.01 1.82 0.00 | 24.79 1.96 0.00 | 27.57 2.23 0.00 | 27.08 2.17 0.00 | 23.84 1.82 -0.36 | 21.90 1.80 -0.31 | 20.99 1.73 -0.06 | 19.28 1.59 0.00 | 17.73 1.24 -1.72 |
| NEWTON___FALLS_HYD 23847 | 13.56 -0.14 0.00 | 13.50 -0.14 0.00 | 12.30 -0.11 0.00 | 10.46 -0.12 0.00 | 10.32 -0.11 0.00 | 9.08 -0.08 0.00 | 10.80 -0.12 0.00 | 12.58 -0.09 0.00 | 13.77 -0.07 0.00 | 14.64 -0.07 0.00 | 15.27 -0.14 0.15 | 15.98 -0.17 0.67 | 17.50 -0.24 2.46 | 17.98 -0.32 3.13 | 17.87 -0.33 3.84 | 17.79 -0.32 3.08 | 18.33 -0.57 3.93 | 19.47 -0.63 5.23 | 19.48 -0.52 4.91 | 18.02 -0.48 3.17 | 17.45 -0.16 2.19 | 17.15 -0.13 1.92 | 16.45 -0.12 1.12 | 14.70 -0.07 0.00 |
| NIAGARA_115E_LBMP 323715 | 13.11 -0.94 -0.35 | 12.64 -1.12 -0.11 | 11.36 -1.06 0.00 | 10.00 -0.90 -0.33 | 9.77 -0.86 -0.19 | 8.67 -0.78 -0.28 | 9.99 -0.97 -0.04 | 11.17 -0.98 0.53 | 10.01 -0.93 2.91 | 10.80 -0.68 3.24 | 10.19 -0.58 4.79 | 10.65 -0.91 5.26 | 10.55 -0.69 8.96 | 10.36 -0.92 10.14 | 10.20 -0.49 11.37 | 13.98 -1.36 5.85 | 15.28 -1.28 6.26 | 17.11 -1.47 6.76 | 20.24 -1.54 3.13 | 19.77 -1.30 0.60 | 18.31 -1.51 -0.01 | 17.72 -1.31 0.17 | 16.33 -1.33 0.03 | 13.94 -1.14 -0.30 |
| NIAGARA_115W_LBMP 323714 | 12.99 -1.05 -0.35 | 12.54 -1.21 -0.11 | 11.27 -1.14 0.00 | 9.96 -0.94 -0.32 | 9.74 -0.89 -0.19 | 8.61 -0.82 -0.26 | 9.96 -0.98 -0.02 | 11.05 -1.09 0.53 | 9.87 -1.07 2.91 | 10.62 -0.85 3.24 | 9.99 -0.78 4.79 | 10.44 -1.11 5.26 | 10.24 -0.99 8.96 | 10.06 -1.22 10.14 | 9.84 -0.84 11.37 | 13.83 -1.50 5.85 | 15.08 -1.48 6.26 | 16.70 -1.87 6.76 | 19.97 -1.82 3.13 | 19.53 -1.54 0.60 | 18.13 -1.68 -0.01 | 17.51 -1.52 0.17 | 16.24 -1.45 0.00 | 13.85 -1.23 -0.30 |
| NIAGARA_230_LBMP 323716 | 13.21 -0.84 -0.35 | 12.76 -1.00 -0.11 | 11.47 -0.94 0.00 | 10.09 -0.80 -0.32 | 9.86 -0.76 -0.19 | 8.75 -0.70 -0.28 | 10.11 -0.85 -0.04 | 11.21 -0.95 0.51 | 10.04 -0.91 2.89 | 10.79 -0.71 3.22 | 10.16 -0.62 4.77 | 10.65 -0.92 5.24 | 10.46 -0.79 8.94 | 10.32 -0.99 10.12 | 10.08 -0.62 11.35 | 14.06 -1.29 5.83 | 15.33 -1.26 6.24 | 17.13 -1.47 6.74 | 20.34 -1.47 3.11 | 19.85 -1.23 0.58 | 18.45 -1.39 -0.03 | 17.82 -1.23 0.15 | 16.51 -1.17 0.01 | 14.10 -0.98 -0.30 |
| NIAGARA____ 23760 | 13.05 -1.00 -0.35 | 12.58 -1.17 -0.11 | 11.32 -1.09 0.00 | 9.98 -0.92 -0.32 | 9.75 -0.88 -0.19 | 8.64 -0.80 -0.27 | 9.99 -0.96 -0.04 | 11.17 -0.99 0.51 | 9.99 -0.95 2.89 | 10.75 -0.74 3.23 | 10.12 -0.65 4.78 | 10.61 -0.96 5.25 | 10.42 -0.83 8.95 | 10.25 -1.05 10.13 | 10.03 -0.66 11.35 | 13.99 -1.36 5.84 | 15.27 -1.30 6.25 | 16.99 -1.60 6.75 | 20.23 -1.57 3.12 | 19.73 -1.34 0.59 | 18.32 -1.51 -0.02 | 17.72 -1.32 0.16 | 16.36 -1.31 0.01 | 13.91 -1.17 -0.30 |
| NINE_MILE_1 23575 | 13.54 -0.30 -0.14 | 13.35 -0.34 -0.05 | 12.09 -0.32 0.00 | 10.43 -0.28 -0.13 | 10.23 -0.28 -0.08 | 9.03 -0.25 -0.11 | 10.65 -0.28 -0.02 | 12.36 -0.30 0.00 | 13.55 -0.29 0.00 | 14.36 -0.35 0.00 | 15.20 -0.36 0.00 | 16.40 -0.42 0.00 | 19.71 -0.48 0.00 | 20.89 -0.53 0.00 | 21.52 -0.53 0.00 | 20.66 -0.53 0.00 | 22.26 -0.57 0.00 | 24.68 -0.66 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.29 -0.53 -0.02 | 18.69 -0.52 0.00 | 17.23 -0.46 0.00 | 14.55 -0.34 -0.12 |
| NINE_MILE_2 23744 | 13.55 -0.29 -0.14 | 13.34 -0.34 -0.04 | 12.09 -0.32 0.00 | 10.43 -0.28 -0.13 | 10.24 -0.27 -0.08 | 9.03 -0.25 -0.11 | 10.65 -0.28 -0.02 | 12.36 -0.30 0.00 | 13.55 -0.29 0.00 | 14.36 -0.35 0.00 | 15.20 -0.36 0.00 | 16.40 -0.42 0.00 | 19.71 -0.48 0.00 | 20.89 -0.53 0.00 | 21.54 -0.51 0.00 | 20.66 -0.53 0.00 | 22.28 -0.55 0.00 | 24.68 -0.66 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.29 -0.53 -0.02 | 18.69 -0.52 0.00 | 17.23 -0.46 0.00 | 14.55 -0.34 -0.12 |
| NM_CAPITAL___DRP 24208 | 17.43 0.84 -2.89 | 15.37 0.80 -0.93 | 13.14 0.72 0.00 | 13.87 0.62 -2.67 | 12.62 0.62 -1.57 | 12.03 0.54 -2.32 | 11.90 0.61 -0.37 | 13.30 0.63 0.00 | 14.59 0.75 0.00 | 15.58 0.87 0.00 | 16.50 0.93 -0.01 | 17.83 0.98 -0.04 | 21.46 1.11 -0.16 | 22.84 1.22 -0.20 | 23.46 1.17 -0.24 | 22.53 1.14 -0.19 | 24.37 1.30 -0.25 | 27.11 1.44 -0.33 | 26.70 1.47 -0.31 | 23.68 1.30 -0.72 | 21.59 1.21 -0.58 | 20.60 1.19 -0.20 | 18.84 1.08 -0.07 | 18.11 0.84 -2.49 |
| NM_CENTRAL___DRP 24181 | 13.89 0.00 -0.19 | 13.64 -0.07 -0.06 | 12.34 -0.07 0.00 | 10.68 -0.07 -0.18 | 10.46 -0.08 -0.11 | 9.24 -0.08 -0.16 | 10.87 -0.08 -0.02 | 12.67 0.00 0.00 | 13.92 0.08 0.00 | 14.72 0.00 0.00 | 15.60 0.05 0.00 | 16.82 0.00 0.00 | 20.19 0.00 0.00 | 21.36 -0.06 0.00 | 22.05 0.00 0.00 | 21.17 -0.02 0.00 | 22.80 -0.02 0.00 | 25.29 -0.05 0.00 | 24.84 -0.07 0.00 | 21.63 -0.06 -0.04 | 19.77 -0.06 -0.03 | 19.17 -0.04 -0.01 | 17.67 -0.02 0.00 | 14.94 0.00 -0.17 |
| NM_FRONTIER___DRP 24179 | 12.99 -1.05 -0.35 | 12.54 -1.21 -0.11 | 11.27 -1.14 0.00 | 9.96 -0.94 -0.32 | 9.74 -0.89 -0.19 | 8.61 -0.82 -0.26 | 9.96 -0.98 -0.02 | 11.05 -1.09 0.53 | 9.87 -1.07 2.91 | 10.62 -0.85 3.24 | 9.99 -0.78 4.79 | 10.44 -1.11 5.26 | 10.24 -0.99 8.96 | 10.06 -1.22 10.14 | 9.84 -0.84 11.37 | 13.83 -1.50 5.85 | 15.08 -1.48 6.26 | 16.70 -1.87 6.76 | 19.97 -1.82 3.13 | 19.53 -1.54 0.60 | 18.13 -1.68 -0.01 | 17.51 -1.52 0.17 | 16.24 -1.45 0.00 | 13.85 -1.23 -0.30 |

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| NM_ST_REGIS___HYD 24053 | 13.16 -0.53 0.00 | 13.19 -0.45 0.00 | 12.03 -0.38 0.00 | 10.24 -0.34 0.00 | 10.12 -0.31 0.00 | 8.92 -0.25 0.00 | 10.58 -0.34 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.73 -0.59 0.24 | 15.13 -0.64 1.05 | 15.52 -0.83 3.84 | 15.63 -0.90 4.89 | 15.11 -0.93 6.01 | 15.52 -0.85 4.82 | 15.68 -1.00 6.15 | 16.04 -1.11 8.18 | 16.14 -1.10 7.68 | 15.75 -0.95 4.95 | 15.60 -0.77 3.43 | 15.48 -0.73 3.00 | 15.27 -0.67 1.75 | 14.27 -0.50 0.00 |
| NORTHPORT___1 23551 | 18.65 1.71 -3.24 | 16.56 1.73 -1.19 | 14.12 1.58 -0.13 | 13.90 1.28 -2.04 | 12.85 1.22 -1.20 | 12.07 1.13 -1.78 | 12.79 1.35 -0.52 | 15.03 1.54 -0.82 | 17.90 1.73 -2.33 | 20.75 1.91 -4.12 | 21.07 1.99 -3.52 | 21.85 2.24 -2.80 | 23.23 2.73 -0.31 | 24.50 2.74 -0.33 | 25.51 2.91 -0.56 | 28.06 2.84 -4.03 | 30.09 2.99 -4.28 | 32.09 3.40 -3.36 | 28.83 3.39 -0.53 | 25.64 2.88 -1.10 | 23.74 2.53 -1.41 | 22.60 2.50 -0.90 | 20.90 2.39 -0.83 | 19.81 1.99 -3.04 |
| NORTHPORT___2 23552 | 18.65 1.71 -3.24 | 16.56 1.73 -1.19 | 14.12 1.58 -0.13 | 13.90 1.28 -2.04 | 12.85 1.22 -1.20 | 12.07 1.13 -1.78 | 12.79 1.35 -0.52 | 15.03 1.54 -0.82 | 17.90 1.73 -2.33 | 20.75 1.91 -4.12 | 21.07 1.99 -3.52 | 21.85 2.24 -2.80 | 23.23 2.73 -0.31 | 24.50 2.74 -0.33 | 25.51 2.91 -0.56 | 28.06 2.84 -4.03 | 30.09 2.99 -4.28 | 32.09 3.40 -3.36 | 28.83 3.39 -0.53 | 25.64 2.88 -1.10 | 23.74 2.53 -1.41 | 22.60 2.50 -0.90 | 20.90 2.39 -0.83 | 19.81 1.99 -3.04 |
| NORTHPORT___3 23553 | 18.49 1.57 -3.22 | 16.39 1.57 -1.18 | 13.96 1.41 -0.13 | 13.77 1.15 -2.04 | 12.73 1.10 -1.20 | 11.96 1.02 -1.78 | 12.67 1.23 -0.52 | 14.88 1.39 -0.81 | 17.75 1.59 -2.32 | 20.66 1.82 -4.12 | 20.79 1.71 -3.52 | 21.59 1.98 -2.79 | 22.93 2.44 -0.30 | 24.31 2.57 -0.32 | 25.27 2.69 -0.54 | 27.81 2.61 -4.02 | 23.01 2.81 2.62 | 27.08 3.14 1.40 | 28.45 3.01 -0.52 | 25.32 2.58 -1.09 | 23.41 2.22 -1.39 | 22.26 2.17 -0.89 | 20.53 2.03 -0.81 | 19.64 1.85 -3.02 |
| NORTHPORT___4 23650 | 18.49 1.57 -3.22 | 16.39 1.57 -1.18 | 13.96 1.41 -0.13 | 13.77 1.15 -2.04 | 12.73 1.10 -1.20 | 11.96 1.02 -1.78 | 12.67 1.23 -0.52 | 14.88 1.39 -0.81 | 17.75 1.59 -2.32 | 20.66 1.82 -4.12 | 20.79 1.71 -3.52 | 21.59 1.98 -2.79 | 22.93 2.44 -0.30 | 24.31 2.57 -0.32 | 25.27 2.69 -0.54 | 27.81 2.61 -4.02 | 23.01 2.81 2.62 | 27.08 3.14 1.40 | 28.45 3.01 -0.52 | 25.32 2.58 -1.09 | 23.41 2.22 -1.39 | 22.26 2.17 -0.89 | 20.53 2.03 -0.81 | 19.64 1.85 -3.02 |
| NORTHPORT___IC 23718 | 18.65 1.71 -3.24 | 16.56 1.73 -1.19 | 14.12 1.58 -0.13 | 13.90 1.28 -2.04 | 12.85 1.22 -1.20 | 12.07 1.13 -1.78 | 12.79 1.35 -0.52 | 15.03 1.54 -0.82 | 17.90 1.73 -2.33 | 20.75 1.91 -4.12 | 21.07 1.99 -3.52 | 21.85 2.24 -2.80 | 23.23 2.73 -0.31 | 24.50 2.74 -0.33 | 25.51 2.91 -0.56 | 28.06 2.84 -4.03 | 30.09 2.99 -4.28 | 32.09 3.40 -3.36 | 28.83 3.39 -0.53 | 25.64 2.88 -1.10 | 23.74 2.53 -1.41 | 22.60 2.50 -0.90 | 20.90 2.39 -0.83 | 19.81 1.99 -3.04 |
| NPX_GEN_1385_PROXY 323591 | 18.65 1.71 -3.24 | 16.56 1.73 -1.19 | 14.12 1.58 -0.13 | 13.90 1.28 -2.04 | 12.85 1.22 -1.20 | 12.07 1.13 -1.78 | 12.73 1.29 -0.52 | 15.09 1.48 -0.94 | 17.66 1.62 -2.20 | 20.44 1.60 -4.12 | 20.78 1.70 -3.52 | 21.60 1.98 -2.80 | 22.85 2.34 -0.31 | 24.07 2.31 -0.33 | 25.12 2.51 -0.56 | 27.70 2.48 -4.03 | 29.64 2.53 -4.28 | 31.61 2.91 -3.36 | 28.83 3.39 -0.53 | 25.51 2.75 -1.10 | 23.62 2.41 -1.41 | 22.50 2.40 -0.90 | 20.74 2.23 -0.83 | 19.68 1.86 -3.04 |
| NPX_GEN_CSC 323557 | 18.90 1.77 -3.43 | 16.81 1.92 -1.25 | 14.36 1.79 -0.16 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.23 1.28 -1.78 | 12.98 1.54 -0.52 | 15.51 1.86 -0.98 | 18.03 1.94 -2.25 | 20.88 2.00 -4.16 | 21.35 2.26 -3.54 | 22.37 2.72 -2.82 | 23.75 3.19 -0.37 | 24.97 3.15 -0.40 | 26.22 3.51 -0.67 | 28.77 3.43 -4.15 | 32.48 3.49 -6.16 | 34.17 4.05 -4.78 | 29.61 4.14 -0.56 | 26.35 3.55 -1.14 | 24.35 3.09 -1.46 | 23.18 3.05 -0.92 | 21.28 2.62 -0.98 | 20.09 2.07 -3.25 |
| NSINS_S_GLNS_FALLS 23858 | 18.28 1.53 -3.05 | 16.04 1.42 -0.98 | 13.66 1.24 0.00 | 14.46 1.07 -2.82 | 13.15 1.05 -1.66 | 12.57 0.95 -2.45 | 12.44 1.12 -0.39 | 13.92 1.25 0.00 | 15.35 1.51 0.00 | 16.47 1.75 0.00 | 17.34 1.77 -0.01 | 18.57 1.70 -0.06 | 22.38 1.98 -0.21 | 23.91 2.23 -0.26 | 24.42 2.05 -0.32 | 23.29 1.84 -0.26 | 25.42 2.26 -0.33 | 28.33 2.56 -0.44 | 28.22 2.89 -0.41 | 25.03 2.55 -0.82 | 23.06 2.61 -0.65 | 22.01 2.55 -0.25 | 20.01 2.23 -0.09 | 19.19 1.79 -2.63 |
| NUCOR_STEEL___DRP 24197 | 14.13 0.16 -0.27 | 13.77 0.04 -0.09 | 12.44 0.02 0.00 | 10.86 0.03 -0.25 | 10.58 0.00 -0.15 | 9.37 -0.01 -0.22 | 10.99 0.03 -0.03 | 12.81 0.14 0.00 | 14.08 0.24 0.00 | 14.92 0.21 0.00 | 15.82 0.26 0.00 | 17.04 0.22 0.00 | 20.48 0.28 0.00 | 21.72 0.30 0.00 | 22.42 0.37 0.00 | 21.51 0.32 0.00 | 23.15 0.32 0.00 | 25.72 0.38 0.00 | 25.31 0.40 0.00 | 21.93 0.22 -0.05 | 20.08 0.24 -0.04 | 19.44 0.23 -0.01 | 17.91 0.23 0.00 | 15.18 0.18 -0.23 |
| NYISO_LBMP_REFERENCE 24008 | 13.70 0.00 0.00 | 13.64 0.00 0.00 | 12.42 0.00 0.00 | 10.58 0.00 0.00 | 10.43 0.00 0.00 | 9.17 0.00 0.00 | 10.92 0.00 0.00 | 12.67 0.00 0.00 | 13.84 0.00 0.00 | 14.72 0.00 0.00 | 15.56 0.00 0.00 | 16.82 0.00 0.00 | 20.19 0.00 0.00 | 21.42 0.00 0.00 | 22.05 0.00 0.00 | 21.19 0.00 0.00 | 22.83 0.00 0.00 | 25.34 0.00 0.00 | 24.92 0.00 0.00 | 21.66 0.00 0.00 | 19.80 0.00 0.00 | 19.20 0.00 0.00 | 17.69 0.00 0.00 | 14.77 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 19.27 1.90 -3.67 | 16.88 1.92 -1.31 | 14.34 1.74 -0.19 | 14.04 1.42 -2.04 | 12.98 1.35 -1.20 | 12.19 1.25 -1.78 | 12.95 1.51 -0.52 | 15.29 1.72 -0.90 | 18.22 1.94 -2.44 | 21.08 2.15 -4.21 | 21.41 2.30 -3.55 | 22.30 2.64 -2.84 | 23.83 3.19 -0.44 | 25.11 3.21 -0.48 | 26.26 3.42 -0.79 | 28.80 3.33 -4.29 | 32.58 3.49 -6.26 | 34.35 4.00 -5.02 | 29.48 3.99 -0.58 | 26.19 3.36 -1.17 | 24.34 3.03 -1.52 | 23.12 2.98 -0.94 | 21.58 2.72 -1.17 | 20.50 2.22 -3.51 |
| NYPA_GOWANUS___GT5 24156 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.44 3.03 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| NYPA_GOWANUS___GT6 24157 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.44 3.03 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |
| NYPA_HARLEM__RVR__GT1 24160 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.78 1.35 -0.01 | 13.78 1.15 -2.05 | 12.77 1.13 -1.21 | 11.92 0.97 -1.78 | 12.34 1.12 -0.29 | 13.94 1.27 -0.01 | 15.50 1.47 -0.19 | 16.79 1.69 -0.38 | 17.83 1.87 -0.40 | 23.65 2.20 -4.63 | 22.89 2.71 0.01 | 24.33 2.87 -0.03 | 25.05 2.96 -0.05 | 25.32 2.86 -1.28 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.08 2.84 -0.58 | 23.06 2.47 -0.79 | 21.88 2.42 -0.26 | 20.02 2.17 -0.16 | 18.43 1.74 -1.91 |

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|--------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| NYPA_HARLEM__RVR__GT2 24161 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.78 1.35 -0.01 | 13.78 1.15 -2.05 | 12.77 1.13 -1.21 | 11.92 0.97 -1.78 | 12.34 1.12 -0.29 | 13.94 1.27 -0.01 | 15.50 1.47 -0.19 | 16.79 1.69 -0.38 | 17.83 1.87 -0.40 | 23.65 2.20 -4.63 | 22.89 2.71 0.01 | 24.33 2.87 -0.03 | 25.05 2.96 -0.05 | 25.32 2.86 -1.28 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.08 2.84 -0.58 | 23.06 2.47 -0.79 | 21.88 2.42 -0.26 | 20.02 2.17 -0.16 | 18.43 1.74 -1.91 |
| NYPA_KENT____GT 24152 | 17.45 1.53 -2.22 | 15.86 1.50 -0.72 | 13.79 1.37 -0.01 | 13.79 1.16 -2.05 | 12.78 1.14 -1.21 | 11.92 0.97 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.45 1.74 -1.00 | 19.35 1.91 -1.88 | 21.67 2.27 -2.58 | 25.29 2.79 -2.30 | 26.06 2.96 -1.68 | 27.08 3.04 -1.99 | 27.12 2.97 -2.97 | 40.44 3.15 -14.47 | 29.35 3.55 -0.47 | 28.28 3.39 0.02 | 27.47 2.92 -2.89 | 26.47 2.55 -4.12 | 26.46 2.50 -4.76 | 21.51 2.23 -1.60 | 18.53 1.83 -1.93 |
| NYPA_POUCH1____GT 24155 | 17.54 1.62 -2.22 | 15.87 1.51 -0.72 | 13.79 1.37 -0.01 | 13.81 1.18 -2.05 | 12.79 1.15 -1.21 | 11.90 0.95 -1.78 | 12.31 1.10 -0.29 | 13.92 1.23 -0.02 | 15.52 1.47 -0.21 | 17.43 1.71 -1.01 | 19.37 1.91 -1.90 | 21.68 2.27 -2.60 | 27.47 2.81 -4.47 | 27.50 2.98 -3.09 | 28.90 3.09 -3.77 | 45.86 3.03 -21.64 | 44.89 3.22 -18.85 | 66.20 3.60 -37.27 | 53.84 3.44 -25.48 | 28.13 2.97 -3.50 | 30.51 2.57 -8.14 | 30.28 2.51 -8.56 | 21.52 2.23 -1.61 | 18.58 1.88 -1.93 |
| NYPA_VERNON____GT2 24162 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.76 1.34 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.44 1.72 -1.00 | 19.34 1.90 -1.88 | 21.62 2.22 -2.58 | 23.50 2.73 -0.58 | 25.04 2.89 -0.73 | 25.86 2.98 -0.84 | 26.87 2.88 -2.80 | 30.90 3.08 -4.99 | 29.27 3.45 -0.49 | 28.21 3.29 0.00 | 25.13 2.86 -0.61 | 23.81 2.49 -1.52 | 23.95 2.44 -2.31 | 21.48 2.19 -1.60 | 18.48 1.79 -1.92 |
| NYPA_VERNON____GT3 24163 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.76 1.34 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.44 1.72 -1.00 | 19.34 1.90 -1.88 | 21.62 2.22 -2.58 | 23.50 2.73 -0.58 | 25.04 2.89 -0.73 | 25.86 2.98 -0.84 | 26.87 2.88 -2.80 | 30.90 3.08 -4.99 | 29.27 3.45 -0.49 | 28.21 3.29 0.00 | 25.13 2.86 -0.61 | 23.81 2.49 -1.52 | 23.95 2.44 -2.31 | 21.48 2.19 -1.60 | 18.48 1.79 -1.92 |
| NYPA__ASTORIA_CC1 323568 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.90 0.95 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.44 2.16 -1.60 | 18.45 1.76 -1.92 |
| NYPA__ASTORIA_CC2 323569 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.90 0.95 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.60 2.20 -2.58 | 22.90 2.71 0.00 | 24.70 2.87 -0.41 | 25.45 2.96 -0.45 | 26.79 2.86 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.91 2.47 -0.64 | 23.10 2.42 -1.48 | 21.44 2.16 -1.60 | 18.45 1.76 -1.92 |
| NYPA__HOLTSVILL 23794 | 18.91 1.79 -3.42 | 16.74 1.85 -1.24 | 14.26 1.69 -0.15 | 13.99 1.37 -2.04 | 12.94 1.30 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.22 1.70 -0.85 | 18.08 1.87 -2.37 | 20.91 2.03 -4.16 | 21.30 2.21 -3.54 | 22.21 2.57 -2.82 | 23.63 3.07 -0.36 | 24.92 3.11 -0.39 | 26.06 3.35 -0.66 | 28.62 3.28 -4.14 | 32.35 3.38 -6.15 | 33.98 3.88 -4.77 | 29.41 3.94 -0.55 | 26.13 3.33 -1.14 | 24.19 2.93 -1.46 | 23.00 2.88 -0.92 | 21.26 2.60 -0.97 | 20.11 2.10 -3.24 |
| NYPA____HELLGATE_GT1 24158 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.78 1.35 -0.01 | 13.78 1.15 -2.05 | 12.77 1.13 -1.21 | 11.92 0.97 -1.78 | 12.34 1.12 -0.29 | 13.94 1.27 -0.01 | 15.50 1.47 -0.19 | 17.99 1.69 -1.58 | 20.71 1.87 -3.28 | 19.45 2.20 -0.43 | 22.89 2.71 0.01 | 25.05 2.87 -0.75 | 25.82 2.96 -0.82 | 25.08 2.86 -1.03 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.08 2.84 -0.58 | 22.73 2.47 -0.46 | 24.26 2.42 -2.64 | 22.84 2.17 -2.98 | 18.43 1.74 -1.91 |
| NYPA____HELLGATE_GT2 24159 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.78 1.35 -0.01 | 13.78 1.15 -2.05 | 12.77 1.13 -1.21 | 11.92 0.97 -1.78 | 12.34 1.12 -0.29 | 13.94 1.27 -0.01 | 15.50 1.47 -0.19 | 17.99 1.69 -1.58 | 20.71 1.87 -3.28 | 19.45 2.20 -0.43 | 22.89 2.71 0.01 | 25.05 2.87 -0.75 | 25.82 2.96 -0.82 | 25.08 2.86 -1.03 | 30.81 2.99 -4.99 | 29.17 3.34 -0.49 | 28.14 3.22 -0.01 | 25.08 2.84 -0.58 | 22.73 2.47 -0.46 | 24.26 2.42 -2.64 | 22.84 2.17 -2.98 | 18.43 1.74 -1.91 |
| NYS_BARGE__HYD 23848 | 13.35 -0.68 -0.34 | 12.88 -0.87 -0.11 | 11.58 -0.83 0.00 | 10.18 -0.71 -0.32 | 9.95 -0.67 -0.19 | 8.82 -0.62 -0.28 | 10.20 -0.76 -0.04 | 11.92 -0.76 -0.01 | 13.24 -0.69 -0.09 | 14.41 -0.41 -0.10 | 15.40 -0.31 -0.16 | 16.30 -0.69 -0.17 | 20.03 -0.46 -0.30 | 20.66 -0.66 0.10 | 21.98 -0.26 -0.20 | 18.91 -1.04 1.24 | 20.54 -0.96 1.33 | 23.80 -1.14 0.39 | 23.78 -1.15 -0.01 | 20.76 -0.95 -0.06 | 18.66 -1.19 -0.04 | 18.19 -1.02 0.00 | 16.65 -1.03 0.01 | 14.17 -0.90 -0.29 |
| OAK ORCHARD__HYD 24046 | 13.70 -0.27 -0.28 | 13.31 -0.42 -0.09 | 12.01 -0.41 0.00 | 10.46 -0.37 -0.26 | 10.23 -0.35 -0.15 | 9.06 -0.33 -0.22 | 10.57 -0.38 -0.04 | 12.28 -0.39 0.00 | 13.56 -0.28 0.00 | 14.56 -0.16 0.00 | 15.51 -0.05 0.00 | 16.62 -0.20 0.00 | 20.07 -0.12 0.00 | 21.65 -0.19 -0.42 | 22.16 -0.07 -0.18 | 20.85 -0.34 0.00 | 22.58 -0.25 0.00 | 24.90 -0.35 0.08 | 24.69 -0.22 0.00 | 21.47 -0.24 -0.05 | 19.46 -0.38 -0.04 | 18.87 -0.35 -0.01 | 17.35 -0.34 0.00 | 14.73 -0.28 -0.24 |
| OCC_CHEM__DRP 24175 | 13.05 -1.00 -0.35 | 12.59 -1.16 -0.11 | 11.32 -1.09 0.00 | 9.99 -0.91 -0.32 | 9.77 -0.86 -0.19 | 8.70 -0.77 -0.30 | 10.05 -0.93 -0.06 | 12.83 -1.03 -1.19 | 19.60 -1.00 -6.76 | 21.47 -0.78 -7.53 | 26.02 -0.70 -11.17 | 28.05 -1.03 -12.26 | 40.22 -0.89 -20.91 | 37.79 -1.11 -17.48 | 45.26 -0.73 -23.94 | 31.04 -1.40 -11.25 | 33.51 -1.37 -12.05 | 16.45 -1.75 7.14 | 19.89 -1.72 3.30 | 19.57 -1.45 0.63 | 18.21 -1.60 -0.01 | 17.58 -1.44 0.18 | 16.31 -1.38 0.00 | 13.91 -1.17 -0.30 |
| OH_GEN_PROXY 24063 | 13.24 -0.81 -0.35 | 12.01 -0.97 0.66 | 10.70 -0.92 0.80 | 10.00 -0.78 -0.21 | 9.88 -0.74 -0.19 | 8.77 -0.68 -0.28 | 8.77 -0.83 1.32 | 11.44 -0.92 0.30 | 10.39 -0.89 2.56 | 11.32 -0.68 2.72 | 10.92 -0.61 4.03 | 11.50 -0.89 4.43 | 11.90 -0.75 7.55 | 11.90 -0.94 8.58 | 11.88 -0.57 9.59 | 15.18 -1.25 4.76 | 16.54 -1.19 5.10 | 18.31 -1.42 5.61 | 20.93 -1.39 2.59 | 20.00 -1.19 0.47 | 18.51 -1.33 -0.04 | 17.89 -1.19 0.12 | 16.57 -1.11 0.01 | 14.00 -0.95 -0.17 |
| OLIN_CORP_DRP 24177 | 13.16 -0.89 -0.36 | 12.69 -1.06 -0.11 | 11.42 -0.99 0.00 | 10.05 -0.86 -0.33 | 9.81 -0.81 -0.19 | 8.71 -0.74 -0.29 | 10.03 -0.93 -0.04 | 10.88 -0.95 0.84 | 8.28 -0.90 4.67 | 8.87 -0.65 5.20 | 7.30 -0.56 7.70 | 7.49 -0.88 8.45 | 5.14 -0.67 14.39 | 0.65 -0.88 19.89 | 1.82 -0.46 19.77 | 11.49 -1.27 8.43 | 12.59 -1.21 9.02 | 13.81 -1.39 10.13 | 18.77 -1.45 4.71 | 19.52 -1.21 0.93 | 18.37 -1.43 0.00 | 17.71 -1.23 0.26 | 16.41 -1.24 0.04 | 14.02 -1.06 -0.31 |

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| OLIN_CORP_DSASP 323712 | 13.05 -1.00 -0.35 | 12.59 -1.16 -0.11 | 11.32 -1.09 0.00 | 9.99 -0.91 -0.32 | 9.77 -0.86 -0.19 | 8.70 -0.77 -0.30 | 10.05 -0.93 -0.06 | 12.83 -1.03 -1.19 | 19.60 -1.00 -6.76 | 21.47 -0.78 -7.53 | 26.02 -0.70 -11.17 | 28.05 -1.03 -12.26 | 40.22 -0.89 -20.91 | 37.79 -1.11 -17.48 | 45.26 -0.73 -23.94 | 31.04 -1.40 -11.25 | 33.51 -1.37 -12.05 | 16.45 -1.75 7.14 | 19.89 -1.72 3.30 | 19.57 -1.45 0.63 | 18.21 -1.60 -0.01 | 17.58 -1.44 0.18 | 16.31 -1.38 0.00 | 13.91 -1.17 -0.30 |
| ONEIDA_HERK_LFGE 323681 | 13.99 0.29 0.00 | 13.89 0.25 0.00 | 12.64 0.22 0.00 | 10.73 0.16 0.00 | 10.59 0.16 0.00 | 9.31 0.15 0.00 | 11.12 0.20 0.00 | 12.95 0.28 0.00 | 14.23 0.39 0.00 | 15.14 0.43 0.00 | 15.97 0.43 0.02 | 17.17 0.44 0.08 | 20.39 0.51 0.31 | 21.50 0.47 0.39 | 22.03 0.46 0.48 | 21.27 0.47 0.38 | 22.61 0.27 0.49 | 24.99 0.31 0.65 | 24.78 0.47 0.61 | 21.63 0.37 0.39 | 20.14 0.61 0.27 | 19.54 0.58 0.24 | 18.06 0.51 0.14 | 15.17 0.40 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 14.04 0.10 -0.24 | 13.75 0.03 -0.08 | 12.42 0.00 0.00 | 10.79 -0.01 -0.22 | 10.54 -0.02 -0.13 | 9.33 -0.03 -0.20 | 10.94 -0.01 -0.03 | 12.77 0.10 0.00 | 14.02 0.18 0.00 | 14.85 0.13 0.00 | 15.73 0.17 0.00 | 16.97 0.15 0.00 | 20.38 0.18 0.00 | 21.57 0.15 0.00 | 22.29 0.24 0.00 | 21.38 0.19 0.00 | 23.03 0.20 0.00 | 25.54 0.20 0.00 | 25.11 0.20 0.00 | 21.83 0.13 -0.04 | 19.96 0.12 -0.04 | 19.35 0.14 -0.01 | 17.81 0.12 0.00 | 15.10 0.12 -0.21 |
| ONONDAGA___COGEN 23986 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| ONTARIO___LFGE 23819 | 14.08 0.06 -0.32 | 13.65 -0.09 -0.10 | 12.30 -0.11 0.00 | 10.77 -0.11 -0.30 | 10.50 -0.11 -0.18 | 9.32 -0.11 -0.26 | 10.86 -0.10 -0.04 | 12.72 0.03 -0.03 | 14.12 0.12 -0.15 | 15.03 0.15 -0.17 | 16.03 0.22 -0.25 | 17.23 0.13 -0.28 | 20.81 0.14 -0.48 | 21.86 0.11 -0.33 | 22.85 0.29 -0.52 | 21.40 0.21 0.00 | 23.01 0.18 0.00 | 25.56 0.23 0.00 | 25.22 0.30 0.00 | 21.96 0.24 -0.06 | 20.03 0.18 -0.05 | 19.37 0.15 -0.01 | 17.91 0.23 0.00 | 15.20 0.15 -0.28 |
| ORANGEVILLE_WT_PWR 323706 | 13.82 -0.30 -0.42 | 13.30 -0.48 -0.13 | 11.94 -0.47 0.00 | 10.55 -0.41 -0.39 | 10.27 -0.40 -0.23 | 9.12 -0.38 -0.34 | 10.53 -0.44 -0.05 | 13.41 -0.39 -1.14 | 19.97 -0.33 -6.46 | 21.78 -0.13 -7.19 | 26.18 -0.05 -10.67 | 28.26 -0.27 -11.71 | 40.13 -0.04 -19.97 | 43.83 -0.19 -22.60 | 47.56 0.18 -25.34 | 28.88 -0.40 -8.09 | 31.15 -0.34 -8.67 | 33.79 -0.38 -8.83 | 28.52 -0.37 -3.98 | 22.29 -0.26 -0.89 | 19.39 -0.49 -0.09 | 19.06 -0.37 -0.22 | 17.33 -0.37 -0.01 | 14.78 -0.35 -0.36 |
| OSWEGATCHIE___HYD 24044 | 13.56 -0.14 0.00 | 13.50 -0.14 0.00 | 12.30 -0.11 0.00 | 10.46 -0.12 0.00 | 10.32 -0.11 0.00 | 9.08 -0.08 0.00 | 10.80 -0.12 0.00 | 12.58 -0.09 0.00 | 13.77 -0.07 0.00 | 14.64 -0.07 0.00 | 15.27 -0.14 0.15 | 15.98 -0.17 0.67 | 17.50 -0.24 2.46 | 17.98 -0.32 3.13 | 17.87 -0.33 3.84 | 17.79 -0.32 3.08 | 18.33 -0.57 3.93 | 19.47 -0.63 5.23 | 19.48 -0.52 4.91 | 18.02 -0.48 3.17 | 17.45 -0.16 2.19 | 17.15 -0.13 1.92 | 16.45 -0.12 1.12 | 14.70 -0.07 0.00 |
| OSWEGO___5 23606 | 13.65 -0.21 -0.16 | 13.45 -0.25 -0.05 | 12.18 -0.24 0.00 | 10.51 -0.21 -0.15 | 10.31 -0.21 -0.09 | 9.10 -0.19 -0.13 | 10.73 -0.21 -0.02 | 12.45 -0.22 0.00 | 13.66 -0.18 0.00 | 14.48 -0.24 0.00 | 15.32 -0.23 0.00 | 16.53 -0.29 0.00 | 19.87 -0.32 0.00 | 21.06 -0.36 0.00 | 21.72 -0.33 0.00 | 20.83 -0.36 0.00 | 22.44 -0.39 0.00 | 24.88 -0.46 0.00 | 24.47 -0.45 0.00 | 21.30 -0.39 -0.03 | 19.45 -0.38 -0.02 | 18.84 -0.37 0.00 | 17.37 -0.32 0.00 | 14.69 -0.22 -0.14 |
| OSWEGO___6 23613 | 13.65 -0.21 -0.16 | 13.45 -0.25 -0.05 | 12.18 -0.24 0.00 | 10.51 -0.21 -0.15 | 10.31 -0.21 -0.09 | 9.10 -0.19 -0.13 | 10.73 -0.21 -0.02 | 12.45 -0.22 0.00 | 13.66 -0.18 0.00 | 14.48 -0.24 0.00 | 15.32 -0.23 0.00 | 16.53 -0.29 0.00 | 19.87 -0.32 0.00 | 21.06 -0.36 0.00 | 21.72 -0.33 0.00 | 20.83 -0.36 0.00 | 22.44 -0.39 0.00 | 24.88 -0.46 0.00 | 24.47 -0.45 0.00 | 21.30 -0.39 -0.03 | 19.45 -0.38 -0.02 | 18.84 -0.37 0.00 | 17.37 -0.32 0.00 | 14.69 -0.22 -0.14 |
| OUTOKUMPU-AB___DRP 24206 | 13.51 -0.55 -0.36 | 13.02 -0.74 -0.11 | 11.70 -0.72 0.00 | 10.30 -0.60 -0.33 | 10.06 -0.56 -0.19 | 8.93 -0.53 -0.30 | 10.34 -0.63 -0.05 | 13.17 -0.63 -1.14 | 19.75 -0.55 -6.46 | 21.65 -0.26 -7.20 | 26.08 -0.16 -10.68 | 28.07 -0.47 -11.73 | 39.95 -0.24 -20.00 | 41.63 -0.45 -20.66 | 46.57 -0.02 -24.55 | 27.56 -0.74 -7.11 | 29.80 -0.64 -7.62 | 37.75 -0.84 -13.25 | 31.14 -0.77 -6.99 | 22.54 -0.63 -1.50 | 19.01 -0.89 -0.10 | 18.85 -0.73 -0.38 | 16.93 -0.76 0.00 | 14.39 -0.69 -0.31 |
| OXBOW___ 24026 | 13.30 -0.75 -0.35 | 12.83 -0.93 -0.11 | 11.53 -0.88 0.00 | 10.16 -0.74 -0.33 | 9.93 -0.70 -0.19 | 8.82 -0.64 -0.30 | 10.21 -0.76 -0.06 | 13.01 -0.81 -1.16 | 19.68 -0.75 -6.58 | 21.57 -0.49 -7.34 | 26.03 -0.40 -10.88 | 28.06 -0.71 -11.95 | 40.06 -0.50 -20.37 | 39.67 -0.71 -18.95 | 45.87 -0.31 -24.13 | 29.35 -1.00 -9.16 | 31.70 -0.94 -9.81 | 37.79 -1.22 -13.67 | 30.77 -1.17 -7.02 | 22.20 -0.97 -1.51 | 18.71 -1.19 -0.10 | 18.55 -1.04 -0.38 | 16.66 -1.03 0.00 | 14.18 -0.90 -0.31 |
| OXY_CHEM_DSASP 323612 | 13.05 -1.00 -0.35 | 12.59 -1.16 -0.11 | 11.32 -1.09 0.00 | 9.99 -0.91 -0.32 | 9.77 -0.86 -0.19 | 8.70 -0.77 -0.30 | 10.05 -0.93 -0.06 | 12.83 -1.03 -1.19 | 19.60 -1.00 -6.76 | 21.47 -0.78 -7.53 | 26.02 -0.70 -11.17 | 28.05 -1.03 -12.26 | 40.22 -0.89 -20.91 | 37.79 -1.11 -17.48 | 45.26 -0.73 -23.94 | 31.04 -1.40 -11.25 | 33.51 -1.37 -12.05 | 16.45 -1.75 7.14 | 19.89 -1.72 3.30 | 19.57 -1.45 0.63 | 18.21 -1.60 -0.01 | 17.58 -1.44 0.18 | 16.31 -1.38 0.00 | 13.91 -1.17 -0.30 |
| PACKARD_I115_KV_ADAMS_187_REV_LBMP_A 345013 | 13.05 -1.00 -0.35 | 12.59 -1.16 -0.11 | 11.32 -1.09 0.00 | 9.99 -0.91 -0.32 | 9.77 -0.86 -0.19 | 8.70 -0.77 -0.30 | 10.05 -0.93 -0.06 | 12.83 -1.03 -1.19 | 19.60 -1.00 -6.76 | 21.47 -0.78 -7.53 | 26.02 -0.70 -11.17 | 28.05 -1.03 -12.26 | 40.22 -0.89 -20.91 | 37.79 -1.11 -17.48 | 45.26 -0.73 -23.94 | 31.04 -1.40 -11.25 | 33.51 -1.37 -12.05 | 16.45 -1.75 7.14 | 19.89 -1.72 3.30 | 19.57 -1.45 0.63 | 18.21 -1.60 -0.01 | 17.58 -1.44 0.18 | 16.31 -1.38 0.00 | 13.91 -1.17 -0.30 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 17.37 1.45 -2.22 | 15.80 1.45 -0.72 | 13.73 1.30 -0.01 | 13.74 1.11 -2.05 | 12.73 1.09 -1.21 | 11.89 0.94 -1.78 | 12.30 1.09 -0.29 | 13.88 1.20 -0.01 | 15.45 1.41 -0.19 | 16.66 1.63 -0.31 | 17.60 1.79 -0.26 | 19.15 2.12 -0.21 | 22.81 2.62 0.01 | 24.20 2.78 0.01 | 24.92 2.86 -0.01 | 25.12 2.77 -1.15 | 30.76 2.95 -4.99 | 29.12 3.29 -0.49 | 28.11 3.19 -0.01 | 24.85 2.73 -0.47 | 22.62 2.37 -0.44 | 21.68 2.34 -0.13 | 19.78 2.09 -0.01 | 18.39 1.70 -1.91 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.76 1.13 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.33 1.11 -0.29 | 13.92 1.24 -0.01 | 15.47 1.44 -0.19 | 16.69 1.66 -0.31 | 17.65 1.83 -0.26 | 19.20 2.17 -0.21 | 22.87 2.69 0.01 | 24.27 2.85 0.01 | 24.99 2.93 -0.01 | 25.16 2.82 -1.15 | 30.83 3.01 -4.99 | 29.20 3.37 -0.49 | 28.19 3.26 -0.01 | 24.92 2.80 -0.47 | 22.67 2.43 -0.44 | 21.72 2.38 -0.13 | 19.84 2.14 -0.01 | 18.42 1.73 -1.91 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 13.92 -0.16 -0.39 | 13.41 -0.35 -0.13 | 12.04 -0.37 0.00 | 10.61 -0.33 -0.36 | 10.34 -0.30 -0.21 | 9.18 -0.30 -0.31 | 10.61 -0.36 -0.05 | 16.23 -0.28 -3.84 | 35.40 -0.15 -21.72 | 39.07 0.16 -24.19 | 51.71 0.29 -35.86 | 56.21 0.02 -39.37 | 87.74 0.42 -67.12 | 107.12 0.26 -85.44 | 111.92 0.73 -89.14 | 53.41 -0.02 -32.24 | 57.44 0.09 -34.52 | 62.03 0.10 -36.59 | 41.82 0.07 -16.83 | 25.32 0.11 -3.55 | 19.77 -0.22 -0.19 | 20.06 -0.06 -0.92 | 17.62 -0.14 -0.08 | 14.92 -0.19 -0.34 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 17.40 1.42 -2.28 | 15.76 1.39 -0.73 | 13.65 1.23 0.00 | 13.75 1.07 -2.11 | 12.70 1.02 -1.24 | 11.84 0.84 -1.83 | 12.26 1.05 -0.29 | 13.83 1.16 0.00 | 15.21 1.37 0.00 | 16.34 1.62 0.00 | 17.36 1.80 0.00 | 19.10 2.29 0.00 | 23.08 2.89 0.00 | 24.55 3.13 0.00 | 25.07 3.02 0.00 | 24.51 2.99 -0.34 | 28.01 3.24 -1.94 | 29.18 3.65 -0.19 | 28.40 3.49 0.00 | 25.04 2.97 -0.41 | 22.54 2.39 -0.35 | 21.59 2.32 -0.07 | 19.82 2.14 0.00 | 18.46 1.73 -1.96 |
| PEEKSKILL____ 23653 | 17.14 1.25 -2.19 | 15.57 1.23 -0.70 | 13.52 1.10 0.00 | 13.55 0.95 -2.02 | 12.55 0.93 -1.19 | 11.72 0.80 -1.76 | 12.18 0.98 -0.28 | 13.74 1.08 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.19 1.63 0.00 | 18.77 1.95 0.00 | 22.60 2.40 0.00 | 23.99 2.57 0.00 | 24.63 2.58 0.00 | 24.76 2.54 -1.03 | 31.44 2.72 -5.90 | 28.96 3.04 -0.58 | 27.81 2.89 0.00 | 24.57 2.51 -0.40 | 22.27 2.14 -0.34 | 21.38 2.11 -0.06 | 19.60 1.91 0.00 | 18.18 1.52 -1.89 |
| PGE MADISON____WINDPWR 24146 | 15.07 0.68 -0.69 | 14.42 0.56 -0.22 | 12.90 0.48 0.00 | 11.56 0.35 -0.63 | 11.13 0.32 -0.37 | 10.01 0.29 -0.55 | 11.42 0.41 -0.09 | 13.30 0.60 -0.03 | 14.85 0.82 -0.19 | 15.83 0.90 -0.22 | 16.81 0.93 -0.32 | 18.09 0.92 -0.35 | 21.97 1.17 -0.60 | 22.92 1.07 -0.42 | 23.92 1.21 -0.66 | 22.79 1.19 -0.41 | 24.20 0.94 -0.44 | 26.77 1.09 -0.35 | 26.50 1.42 -0.16 | 22.98 1.17 -0.16 | 21.43 1.52 -0.10 | 20.65 1.42 -0.03 | 18.96 1.27 0.00 | 16.31 0.95 -0.59 |
| PIERCEFIELD____HYD 23852 | 13.21 -0.49 0.00 | 13.22 -0.42 0.00 | 12.06 -0.36 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.93 -0.24 0.00 | 10.59 -0.33 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.72 -0.61 0.23 | 15.15 -0.66 1.01 | 15.64 -0.85 3.71 | 15.79 -0.92 4.72 | 15.30 -0.95 5.80 | 15.67 -0.87 4.65 | 15.85 -1.05 5.93 | 16.28 -1.17 7.90 | 16.33 -1.17 7.41 | 15.82 -1.06 4.78 | 15.66 -0.83 3.31 | 15.56 -0.75 2.89 | 15.31 -0.69 1.68 | 14.27 -0.50 0.00 |
| PINELAWN_CC_1 323563 | 20.71 1.78 -5.24 | 17.19 1.77 -1.77 | 14.42 1.60 -0.40 | 13.93 1.31 -2.05 | 12.88 1.24 -1.20 | 12.09 1.15 -1.78 | 12.83 1.39 -0.53 | 15.44 1.57 -1.20 | 18.50 1.79 -2.87 | 21.28 2.02 -4.54 | 21.35 2.13 -3.66 | 22.10 2.29 -3.00 | 23.89 2.77 -0.92 | 25.31 2.89 -0.99 | 26.74 3.04 -1.65 | 29.33 2.94 -5.20 | 32.80 3.06 -6.92 | 35.39 3.50 -6.55 | 29.20 3.51 -0.77 | 26.11 3.01 -1.44 | 24.34 2.63 -1.91 | 22.88 2.57 -1.10 | 22.50 2.37 -2.44 | 21.94 1.92 -5.25 |
| PJM_GEN_HTP_PROXY 323702 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.71 1.29 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 14.08 1.27 -0.14 | 15.40 1.48 -0.07 | 17.39 1.71 -0.97 | 19.26 1.88 -1.82 | 21.50 2.19 -2.49 | 22.86 2.67 0.00 | 24.67 2.85 -0.39 | 25.39 2.91 -0.43 | 26.71 2.84 -2.69 | 30.88 3.06 -5.00 | 29.26 3.42 -0.50 | 28.16 3.24 -0.01 | 25.06 2.81 -0.59 | 22.88 2.45 -0.63 | 23.04 2.40 -1.43 | 21.39 2.16 -1.55 | 18.42 1.73 -1.92 |
| PJM_GEN_KEystone 24065 | 15.53 0.47 -1.37 | 14.48 0.40 -0.44 | 12.75 0.34 0.00 | 12.13 0.29 -1.26 | 11.47 0.29 -0.74 | 10.50 0.24 -1.10 | 11.38 0.28 -0.18 | 13.11 0.32 -0.13 | 14.17 0.44 0.11 | 15.42 0.63 -0.07 | 16.43 0.75 -0.13 | 17.79 0.79 -0.18 | 21.28 1.09 0.00 | 22.59 1.13 -0.03 | 23.36 1.28 -0.03 | 25.27 1.02 -3.06 | 30.43 1.12 -6.49 | 29.44 1.27 -2.84 | 27.21 1.20 -1.10 | 23.21 1.06 -0.49 | 20.85 0.81 -0.24 | 20.28 0.88 -0.20 | 18.58 0.78 -0.12 | 16.55 0.59 -1.18 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 17.70 1.55 -2.45 | 16.14 1.54 -0.96 | 13.84 1.40 -0.02 | 13.76 1.14 -2.04 | 12.72 1.09 -1.20 | 11.95 1.01 -1.78 | 12.66 1.22 -0.52 | 14.83 1.37 -0.79 | 17.39 1.56 -1.98 | 20.45 1.78 -3.95 | 20.89 1.87 -3.47 | 21.69 2.15 -2.72 | 22.93 2.67 -0.07 | 24.32 2.83 -0.07 | 25.08 2.91 -0.13 | 27.56 2.80 -3.57 | 31.65 3.08 -5.74 | 32.58 3.42 -3.82 | 28.61 3.26 -0.43 | 25.46 2.84 -0.96 | 23.46 2.45 -1.21 | 22.40 2.38 -0.82 | 20.12 2.25 -0.19 | 18.77 1.83 -2.17 |
| PJM_GEN_VFT_PROXY 323633 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.36 1.15 -0.29 | 14.06 1.25 -0.14 | 15.38 1.47 -0.08 | 17.39 1.69 -0.98 | 19.27 1.87 -1.85 | 21.51 2.15 -2.54 | 22.86 2.67 0.00 | 24.65 2.83 -0.40 | 25.33 2.85 -0.44 | 26.68 2.77 -2.72 | 30.81 2.99 -5.00 | 29.18 3.34 -0.50 | 28.09 3.16 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.63 | 23.04 2.38 -1.46 | 21.42 2.16 -1.58 | 18.41 1.71 -1.92 |
| PLEASANTVLY____LBMP 24000 | 17.14 1.14 -2.30 | 15.51 1.13 -0.74 | 13.43 1.02 0.00 | 13.58 0.88 -2.12 | 12.55 0.87 -1.25 | 11.75 0.74 -1.85 | 12.13 0.92 -0.30 | 13.64 0.98 0.00 | 15.00 1.16 0.00 | 16.07 1.35 0.00 | 17.05 1.49 0.00 | 18.57 1.75 0.00 | 22.31 2.12 0.00 | 23.72 2.29 0.00 | 24.34 2.29 0.00 | 23.90 2.27 -0.44 | 27.79 2.42 -2.55 | 28.30 2.71 -0.25 | 27.51 2.59 0.00 | 24.33 2.25 -0.42 | 22.11 1.96 -0.35 | 21.19 1.92 -0.07 | 19.42 1.73 0.00 | 18.13 1.37 -1.98 |
| PLSNTVLE_13_KV_13KVDisA_REV_LBMP_I 345020 | 17.23 1.30 -2.23 | 15.64 1.28 -0.72 | 13.57 1.15 0.00 | 13.63 0.99 -2.06 | 12.62 0.97 -1.21 | 11.78 0.83 -1.79 | 12.22 1.02 -0.29 | 13.78 1.12 0.00 | 15.16 1.32 0.00 | 16.25 1.53 0.00 | 17.25 1.70 0.00 | 18.83 2.02 0.00 | 22.68 2.48 0.00 | 24.10 2.68 0.00 | 24.76 2.71 0.00 | 24.54 2.67 -0.69 | 29.65 2.88 -3.95 | 28.95 3.22 -0.39 | 27.96 3.04 0.00 | 24.68 2.62 -0.40 | 22.40 2.26 -0.34 | 21.47 2.21 -0.06 | 19.67 1.98 0.00 | 18.28 1.58 -1.92 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 17.32 1.26 -2.36 | 15.64 1.24 -0.76 | 13.53 1.12 0.00 | 13.71 0.95 -2.18 | 12.66 0.94 -1.29 | 11.87 0.81 -1.90 | 12.21 0.98 -0.30 | 13.73 1.06 0.00 | 15.10 1.26 0.00 | 16.19 1.47 0.00 | 17.19 1.63 0.00 | 18.65 1.83 0.00 | 22.48 2.28 0.00 | 23.89 2.46 0.00 | 24.47 2.43 0.00 | 23.84 2.41 -0.24 | 26.83 2.62 -1.38 | 28.41 2.94 -0.14 | 27.73 2.81 0.00 | 24.49 2.40 -0.43 | 22.36 2.20 -0.36 | 21.40 2.13 -0.07 | 19.61 1.93 0.00 | 18.35 1.54 -2.04 |
| POLETTI____ 23519 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.69 1.28 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.94 1.25 -0.02 | 15.50 1.45 -0.20 | 17.38 1.68 -0.98 | 19.24 1.83 -1.85 | 21.51 2.15 -2.54 | 22.82 2.62 0.00 | 24.63 2.81 -0.40 | 25.35 2.86 -0.44 | 26.70 2.80 -2.72 | 30.84 3.01 -5.00 | 29.21 3.37 -0.50 | 28.14 3.22 -0.01 | 25.02 2.77 -0.59 | 22.85 2.41 -0.63 | 23.02 2.36 -1.46 | 21.40 2.14 -1.58 | 18.39 1.70 -1.92 |
| PORT_JEFF_3 23555 | 18.98 1.85 -3.43 | 16.81 1.92 -1.25 | 14.31 1.74 -0.16 | 14.03 1.42 -2.04 | 12.98 1.35 -1.20 | 12.19 1.25 -1.78 | 12.95 1.51 -0.52 | 15.28 1.76 -0.85 | 18.16 1.94 -2.38 | 21.00 2.12 -4.16 | 21.40 2.30 -3.54 | 22.30 2.66 -2.82 | 23.67 3.11 -0.37 | 24.99 3.17 -0.40 | 26.09 3.37 -0.67 | 28.67 3.33 -4.15 | 32.34 3.36 -6.16 | 34.00 3.88 -4.79 | 29.46 3.99 -0.56 | 26.16 3.36 -1.14 | 24.21 2.95 -1.46 | 23.04 2.92 -0.92 | 21.32 2.65 -0.98 | 20.18 2.16 -3.25 |

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|-----------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 18.98 1.85 -3.43 | 16.81 1.92 -1.25 | 14.31 1.74 -0.16 | 14.03 1.42 -2.04 | 12.98 1.35 -1.20 | 12.19 1.25 -1.78 | 12.95 1.51 -0.52 | 15.28 1.76 -0.85 | 18.16 1.94 -2.38 | 21.00 2.12 -4.16 | 21.40 2.30 -3.54 | 22.30 2.66 -2.82 | 23.67 3.11 -0.37 | 24.99 3.17 -0.40 | 26.09 3.37 -0.67 | 28.67 3.33 -4.15 | 32.34 3.36 -6.16 | 34.00 3.88 -4.79 | 29.46 3.99 -0.56 | 26.16 3.36 -1.14 | 24.21 2.95 -1.46 | 23.04 2.92 -0.92 | 21.32 2.65 -0.98 | 20.18 2.16 -3.25 |
| PORT_JEFF_IC 23713 | 19.09 1.92 -3.48 | 16.89 1.99 -1.26 | 14.38 1.80 -0.16 | 14.09 1.47 -2.04 | 13.03 1.40 -1.20 | 12.23 1.29 -1.78 | 13.00 1.56 -0.52 | 15.36 1.82 -0.86 | 18.24 2.01 -2.39 | 21.10 2.21 -4.17 | 21.51 2.41 -3.54 | 22.47 2.82 -2.83 | 23.91 3.33 -0.38 | 25.22 3.38 -0.41 | 26.38 3.64 -0.69 | 28.95 3.58 -4.18 | 32.54 3.54 -6.18 | 34.25 4.08 -4.83 | 29.74 4.26 -0.56 | 26.40 3.60 -1.15 | 24.42 3.15 -1.47 | 23.24 3.11 -0.93 | 21.48 2.78 -1.02 | 20.32 2.24 -3.30 |
| PPL PILGRIM_ST_GT1 24216 | 19.27 1.90 -3.67 | 16.88 1.92 -1.31 | 14.34 1.74 -0.19 | 14.04 1.42 -2.04 | 12.98 1.35 -1.20 | 12.19 1.25 -1.78 | 12.95 1.51 -0.52 | 15.29 1.72 -0.90 | 18.22 1.94 -2.44 | 21.08 2.15 -4.21 | 21.41 2.30 -3.55 | 22.30 2.64 -2.84 | 23.83 3.19 -0.44 | 25.11 3.21 -0.48 | 26.26 3.42 -0.79 | 28.80 3.33 -4.29 | 32.58 3.49 -6.26 | 34.35 4.00 -5.02 | 29.48 3.99 -0.58 | 26.19 3.36 -1.17 | 24.34 3.03 -1.52 | 23.12 2.98 -0.94 | 21.58 2.72 -1.17 | 20.50 2.22 -3.51 |
| PPL PILGRIM_ST_GT2 24217 | 19.27 1.90 -3.67 | 16.88 1.92 -1.31 | 14.34 1.74 -0.19 | 14.04 1.42 -2.04 | 12.98 1.35 -1.20 | 12.19 1.25 -1.78 | 12.95 1.51 -0.52 | 15.29 1.72 -0.90 | 18.22 1.94 -2.44 | 21.08 2.15 -4.21 | 21.41 2.30 -3.55 | 22.30 2.64 -2.84 | 23.83 3.19 -0.44 | 25.11 3.21 -0.48 | 26.26 3.42 -0.79 | 28.80 3.33 -4.29 | 32.58 3.49 -6.26 | 34.35 4.00 -5.02 | 29.48 3.99 -0.58 | 26.19 3.36 -1.17 | 24.34 3.03 -1.52 | 23.12 2.98 -0.94 | 21.58 2.72 -1.17 | 20.50 2.22 -3.51 |
| PPL_SHRM_GT3 24213 | 18.90 1.75 -3.45 | 16.80 1.91 -1.25 | 14.34 1.76 -0.16 | 14.06 1.44 -2.04 | 12.99 1.36 -1.20 | 12.21 1.27 -1.78 | 12.96 1.52 -0.52 | 15.35 1.82 -0.86 | 18.13 1.91 -2.38 | 20.87 1.99 -4.17 | 21.32 2.22 -3.54 | 22.33 2.69 -2.83 | 23.72 3.15 -0.38 | 24.95 3.13 -0.40 | 26.19 3.46 -0.68 | 28.72 3.37 -4.16 | 32.44 3.45 -6.17 | 34.14 4.00 -4.80 | 29.56 4.09 -0.56 | 26.29 3.49 -1.14 | 24.31 3.05 -1.47 | 23.12 2.99 -0.93 | 21.27 2.58 -1.00 | 20.10 2.05 -3.27 |
| PPL_SHRM_GT4 24214 | 18.90 1.75 -3.45 | 16.80 1.91 -1.25 | 14.34 1.76 -0.16 | 14.06 1.44 -2.04 | 12.99 1.36 -1.20 | 12.21 1.27 -1.78 | 12.96 1.52 -0.52 | 15.35 1.82 -0.86 | 18.13 1.91 -2.38 | 20.87 1.99 -4.17 | 21.32 2.22 -3.54 | 22.33 2.69 -2.83 | 23.72 3.15 -0.38 | 24.95 3.13 -0.40 | 26.19 3.46 -0.68 | 28.72 3.37 -4.16 | 32.44 3.45 -6.17 | 34.14 4.00 -4.80 | 29.56 4.09 -0.56 | 26.29 3.49 -1.14 | 24.31 3.05 -1.47 | 23.12 2.99 -0.93 | 21.27 2.58 -1.00 | 20.10 2.05 -3.27 |
| PROJECT___ORANGE 1 24174 | 13.91 0.01 -0.20 | 13.64 -0.07 -0.06 | 12.34 -0.07 0.00 | 10.69 -0.07 -0.18 | 10.46 -0.08 -0.11 | 9.24 -0.08 -0.16 | 10.87 -0.08 -0.03 | 12.68 0.01 0.00 | 13.92 0.08 0.00 | 14.73 0.01 0.00 | 15.60 0.05 0.00 | 16.83 0.02 0.00 | 20.19 0.00 0.00 | 21.38 -0.04 0.00 | 22.07 0.02 0.00 | 21.17 -0.02 0.00 | 22.83 0.00 0.00 | 25.31 -0.03 0.00 | 24.87 -0.05 0.00 | 21.63 -0.06 -0.04 | 19.77 -0.06 -0.03 | 19.17 -0.04 -0.01 | 17.67 -0.02 0.00 | 14.96 0.01 -0.17 |
| PROJECT___ORANGE 2 24166 | 13.91 0.01 -0.20 | 13.64 -0.07 -0.06 | 12.34 -0.07 0.00 | 10.69 -0.07 -0.18 | 10.46 -0.08 -0.11 | 9.24 -0.08 -0.16 | 10.87 -0.08 -0.03 | 12.68 0.01 0.00 | 13.92 0.08 0.00 | 14.73 0.01 0.00 | 15.60 0.05 0.00 | 16.83 0.02 0.00 | 20.19 0.00 0.00 | 21.38 -0.04 0.00 | 22.07 0.02 0.00 | 21.17 -0.02 0.00 | 22.83 0.00 0.00 | 25.31 -0.03 0.00 | 24.87 -0.05 0.00 | 21.63 -0.06 -0.04 | 19.77 -0.06 -0.03 | 19.17 -0.04 -0.01 | 17.67 -0.02 0.00 | 14.96 0.01 -0.17 |
| PYRITES___HYD 24023 | 13.26 -0.44 0.00 | 13.29 -0.35 0.00 | 12.13 -0.29 0.00 | 10.30 -0.28 0.00 | 10.18 -0.25 0.00 | 8.97 -0.19 0.00 | 10.66 -0.26 0.00 | 12.40 -0.27 0.00 | 13.48 -0.36 0.00 | 14.35 -0.37 0.00 | 14.81 -0.51 0.23 | 15.20 -0.57 1.04 | 15.63 -0.75 3.81 | 15.74 -0.84 4.85 | 15.22 -0.86 5.97 | 15.62 -0.78 4.78 | 15.68 -1.05 6.10 | 16.05 -1.17 8.12 | 16.20 -1.10 7.62 | 15.75 -1.00 4.91 | 15.75 -0.65 3.40 | 15.61 -0.62 2.97 | 15.39 -0.57 1.73 | 14.36 -0.41 0.00 |
| RAMAPO___LBMP 323565 | 17.01 1.18 -2.13 | 15.47 1.15 -0.68 | 13.46 1.04 0.00 | 13.43 0.89 -1.97 | 12.46 0.87 -1.16 | 11.62 0.74 -1.71 | 12.11 0.92 -0.27 | 13.67 1.00 0.00 | 15.03 1.19 0.00 | 16.12 1.40 0.00 | 17.10 1.54 0.00 | 18.62 1.80 0.00 | 22.40 2.20 0.00 | 23.80 2.38 0.00 | 24.43 2.33 0.00 | 24.93 2.33 -1.41 | 33.44 2.51 -8.11 | 28.95 2.81 -0.80 | 27.58 2.67 0.00 | 24.36 2.32 -0.38 | 22.14 2.02 -0.33 | 21.26 2.00 -0.06 | 19.49 1.80 0.00 | 18.04 1.43 -1.84 |
| RANKINE___ 23646 | 13.72 -0.36 -0.38 | 13.23 -0.53 -0.12 | 11.88 -0.53 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.49 -0.48 -0.05 | 14.43 -0.46 -2.21 | 26.02 -0.37 -12.55 | 28.61 -0.09 -13.98 | 36.30 0.02 -20.73 | 39.33 -0.25 -22.76 | 59.07 0.06 -38.82 | 66.93 -0.11 -45.61 | 72.34 0.33 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.95 -0.38 -17.99 | 32.62 -0.40 -8.11 | 23.09 -0.30 -1.74 | 19.34 -0.57 -0.11 | 19.24 -0.40 -0.44 | 17.27 -0.44 -0.03 | 14.67 -0.43 -0.33 |
| RAVENSWOOD_GT2_1 24244 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT2_2 24245 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT2_3 24246 | 17.35 1.44 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.94 1.25 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.58 2.19 -2.58 | 22.86 2.67 0.00 | 24.68 2.85 -0.41 | 25.40 2.91 -0.45 | 26.77 2.84 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.16 3.24 -0.01 | 25.07 2.81 -0.59 | 22.89 2.45 -0.64 | 23.08 2.40 -1.48 | 21.44 2.16 -1.60 | 18.42 1.73 -1.92 |
| RAVENSWOOD_GT2_4 24247 | 17.35 1.44 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.94 1.25 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.30 1.87 -1.88 | 21.58 2.19 -2.58 | 22.86 2.67 0.00 | 24.68 2.85 -0.41 | 25.40 2.91 -0.45 | 26.77 2.84 -2.75 | 30.86 3.04 -5.00 | 29.23 3.40 -0.50 | 28.16 3.24 -0.01 | 25.07 2.81 -0.59 | 22.89 2.45 -0.64 | 23.08 2.40 -1.48 | 21.44 2.16 -1.60 | 18.42 1.73 -1.92 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT3_1 24248 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT3_2 24249 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT3_3 24250 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.42 1.71 -1.00 | 19.30 1.87 -1.88 | 21.58 2.19 -2.58 | 22.88 2.69 0.00 | 24.70 2.87 -0.41 | 25.40 2.91 -0.45 | 26.79 2.86 -2.75 | 30.89 3.06 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.89 2.45 -0.64 | 23.10 2.42 -1.48 | 21.46 2.17 -1.60 | 18.44 1.74 -1.92 |
| RAVENSWOOD_GT3_4 24251 | 17.35 1.44 -2.21 | 15.78 1.43 -0.71 | 13.71 1.29 0.00 | 13.73 1.11 -2.04 | 12.72 1.09 -1.20 | 11.89 0.94 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.53 1.48 -0.21 | 17.42 1.71 -1.00 | 19.30 1.87 -1.88 | 21.58 2.19 -2.58 | 22.88 2.69 0.00 | 24.70 2.87 -0.41 | 25.40 2.91 -0.45 | 26.79 2.86 -2.75 | 30.89 3.06 -5.00 | 29.26 3.42 -0.50 | 28.19 3.26 -0.01 | 25.09 2.84 -0.59 | 22.89 2.45 -0.64 | 23.10 2.42 -1.48 | 21.46 2.17 -1.60 | 18.44 1.74 -1.92 |
| RAVENSWOOD_GT_1 23729 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.76 1.34 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.44 1.72 -1.00 | 19.34 1.90 -1.88 | 21.62 2.22 -2.58 | 23.50 2.73 -0.58 | 25.04 2.89 -0.73 | 25.86 2.98 -0.84 | 26.87 2.88 -2.80 | 30.90 3.08 -4.99 | 29.27 3.45 -0.49 | 28.21 3.29 0.00 | 25.13 2.86 -0.61 | 23.81 2.49 -1.52 | 23.95 2.44 -2.31 | 21.48 2.19 -1.60 | 18.48 1.79 -1.92 |
| RAVENSWOOD_GT_10 24258 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_11 24259 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_4 24252 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.87 0.92 -1.78 | 12.34 1.12 -0.29 | 13.93 1.24 -0.02 | 15.50 1.45 -0.21 | 17.39 1.68 -1.00 | 19.29 1.85 -1.88 | 21.55 2.15 -2.58 | 23.28 2.64 -0.44 | 24.90 2.83 -0.65 | 25.66 2.86 -0.74 | 26.80 2.82 -2.79 | 30.83 3.01 -5.00 | 29.20 3.37 -0.49 | 28.13 3.22 0.00 | 25.06 2.80 -0.61 | 23.52 2.41 -1.31 | 23.70 2.38 -2.11 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_5 24254 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.87 0.92 -1.78 | 12.34 1.12 -0.29 | 13.93 1.24 -0.02 | 15.50 1.45 -0.21 | 17.39 1.68 -1.00 | 19.29 1.85 -1.88 | 21.55 2.15 -2.58 | 23.28 2.64 -0.44 | 24.90 2.83 -0.65 | 25.66 2.86 -0.74 | 26.80 2.82 -2.79 | 30.83 3.01 -5.00 | 29.20 3.37 -0.49 | 28.13 3.22 0.00 | 25.06 2.80 -0.61 | 23.52 2.41 -1.31 | 23.70 2.38 -2.11 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_6 24253 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.87 0.92 -1.78 | 12.34 1.12 -0.29 | 13.93 1.24 -0.02 | 15.50 1.45 -0.21 | 17.39 1.68 -1.00 | 19.29 1.85 -1.88 | 21.55 2.15 -2.58 | 23.28 2.64 -0.44 | 24.90 2.83 -0.65 | 25.66 2.86 -0.74 | 26.80 2.82 -2.79 | 30.83 3.01 -5.00 | 29.20 3.37 -0.49 | 28.13 3.22 0.00 | 25.06 2.80 -0.61 | 23.52 2.41 -1.31 | 23.70 2.38 -2.11 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_7 24255 | 17.32 1.41 -2.21 | 15.76 1.41 -0.71 | 13.68 1.27 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.87 0.92 -1.78 | 12.34 1.12 -0.29 | 13.93 1.24 -0.02 | 15.50 1.45 -0.21 | 17.39 1.68 -1.00 | 19.29 1.85 -1.88 | 21.55 2.15 -2.58 | 23.28 2.64 -0.44 | 24.90 2.83 -0.65 | 25.66 2.86 -0.74 | 26.80 2.82 -2.79 | 30.83 3.01 -5.00 | 29.20 3.37 -0.49 | 28.13 3.22 0.00 | 25.06 2.80 -0.61 | 23.52 2.41 -1.31 | 23.70 2.38 -2.11 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD_GT_9 24257 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.71 1.09 -2.04 | 12.70 1.06 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD___1 23533 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.44 1.72 -1.00 | 19.32 1.88 -1.88 | 21.62 2.22 -2.58 | 22.92 2.73 0.00 | 24.72 2.89 -0.41 | 25.47 2.98 -0.45 | 26.82 2.88 -2.75 | 30.91 3.08 -5.00 | 29.28 3.45 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.93 2.49 -0.64 | 23.12 2.44 -1.48 | 21.48 2.19 -1.60 | 18.48 1.79 -1.92 |
| RAVENSWOOD___2 23534 | 17.41 1.49 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.42 1.71 -1.00 | 19.32 1.88 -1.88 | 21.62 2.22 -2.58 | 22.92 2.73 0.00 | 24.72 2.89 -0.41 | 25.47 2.98 -0.45 | 26.82 2.88 -2.75 | 30.91 3.08 -5.00 | 29.28 3.45 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.93 2.49 -0.64 | 23.12 2.44 -1.48 | 21.48 2.19 -1.60 | 18.48 1.79 -1.92 |

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|-----------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| RAVENSWOOD___3 23535 | 17.34 1.42 -2.21 | 15.77 1.42 -0.71 | 13.69 1.28 0.00 | 13.72 1.10 -2.04 | 12.71 1.07 -1.20 | 11.88 0.93 -1.78 | 12.35 1.14 -0.29 | 13.93 1.24 -0.02 | 15.51 1.47 -0.21 | 17.41 1.69 -1.00 | 19.29 1.85 -1.88 | 21.57 2.17 -2.58 | 22.84 2.64 0.00 | 24.66 2.83 -0.41 | 25.38 2.89 -0.45 | 26.75 2.82 -2.75 | 30.84 3.01 -5.00 | 29.23 3.40 -0.50 | 28.14 3.22 -0.01 | 25.05 2.80 -0.59 | 22.87 2.43 -0.64 | 23.06 2.38 -1.48 | 21.42 2.14 -1.60 | 18.41 1.71 -1.92 |
| RAVENSWOOD___4 23820 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.42 1.71 -1.00 | 19.32 1.88 -1.88 | 21.60 2.20 -2.58 | 22.34 2.73 0.57 | 24.40 2.89 -0.09 | 25.09 2.98 -0.06 | 26.76 2.88 -2.69 | 30.89 3.06 -5.00 | 29.29 3.45 -0.51 | 28.22 3.29 -0.02 | 25.10 2.86 -0.58 | 22.06 2.49 0.23 | 22.30 2.44 -0.66 | 21.46 2.17 -1.60 | 18.47 1.77 -1.92 |
| RCPL_TRUST___DRP 24196 | 17.36 1.45 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.20 | 17.42 1.74 -0.97 | 19.29 1.91 -1.82 | 21.53 2.22 -2.49 | 22.88 2.69 0.00 | 24.71 2.89 -0.39 | 25.41 2.93 -0.43 | 26.75 2.88 -2.69 | 30.90 3.08 -5.00 | 29.31 3.47 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.90 2.47 -0.63 | 23.07 2.44 -1.43 | 21.43 2.19 -1.55 | 18.44 1.74 -1.92 |
| RENSSELAER___COGEN 23796 | 17.34 0.78 -2.86 | 15.32 0.76 -0.92 | 13.10 0.68 0.00 | 13.80 0.58 -2.64 | 12.56 0.57 -1.55 | 11.97 0.51 -2.29 | 11.85 0.57 -0.37 | 13.25 0.58 0.00 | 14.53 0.69 0.00 | 15.53 0.81 0.00 | 16.44 0.87 -0.01 | 17.75 0.89 -0.04 | 21.37 1.03 -0.15 | 22.74 1.13 -0.19 | 23.36 1.08 -0.23 | 22.43 1.06 -0.18 | 24.25 1.19 -0.23 | 26.99 1.34 -0.31 | 26.55 1.34 -0.29 | 23.58 1.21 -0.70 | 21.47 1.11 -0.57 | 20.49 1.09 -0.20 | 18.74 0.99 -0.07 | 18.00 0.77 -2.46 |
| REVERE_CPPR_DRP 24186 | 14.15 0.38 -0.07 | 13.99 0.33 -0.02 | 12.71 0.30 0.00 | 10.86 0.22 -0.06 | 10.68 0.21 -0.04 | 9.41 0.19 -0.05 | 11.19 0.26 -0.01 | 13.04 0.37 0.00 | 14.35 0.51 0.00 | 15.26 0.54 0.00 | 16.12 0.58 0.01 | 17.37 0.59 0.04 | 20.76 0.71 0.14 | 21.88 0.64 0.18 | 22.50 0.68 0.23 | 21.68 0.68 0.18 | 23.07 0.48 0.23 | 25.59 0.56 0.31 | 25.35 0.72 0.29 | 22.07 0.59 0.18 | 20.47 0.79 0.12 | 19.84 0.75 0.11 | 18.29 0.67 0.07 | 15.33 0.50 -0.06 |
| RIVERBAY___ 323610 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.76 1.13 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.33 1.11 -0.29 | 13.92 1.24 -0.01 | 15.47 1.44 -0.19 | 16.69 1.66 -0.31 | 17.65 1.83 -0.26 | 19.20 2.17 -0.21 | 22.87 2.69 0.01 | 24.27 2.85 0.01 | 24.99 2.93 -0.01 | 25.16 2.82 -1.15 | 30.83 3.01 -4.99 | 29.20 3.37 -0.49 | 28.19 3.26 -0.01 | 24.92 2.80 -0.47 | 22.67 2.43 -0.44 | 21.72 2.38 -0.13 | 19.84 2.14 -0.01 | 18.42 1.73 -1.91 |
| ROCHESTER_9_IC 23652 | 13.73 -0.25 -0.28 | 13.33 -0.40 -0.09 | 12.03 -0.38 0.00 | 10.48 -0.35 -0.26 | 10.25 -0.33 -0.15 | 9.08 -0.31 -0.22 | 10.59 -0.36 -0.03 | 12.30 -0.37 0.00 | 13.59 -0.25 0.00 | 14.60 -0.12 0.00 | 15.56 0.00 0.00 | 16.67 -0.15 0.00 | 20.11 -0.08 0.00 | 21.63 -0.15 -0.36 | 22.20 0.00 -0.15 | 20.68 -0.30 0.21 | 22.42 -0.18 0.22 | 24.78 -0.30 0.25 | 24.69 -0.15 0.08 | 21.50 -0.20 -0.03 | 19.52 -0.32 -0.04 | 18.92 -0.29 0.00 | 17.40 -0.28 0.00 | 14.76 -0.25 -0.24 |
| ROSETON___1 23587 | 17.03 1.11 -2.22 | 15.44 1.09 -0.71 | 13.40 0.98 0.00 | 13.47 0.85 -2.05 | 12.48 0.83 -1.21 | 11.66 0.72 -1.78 | 12.09 0.88 -0.29 | 13.62 0.95 0.00 | 14.98 1.14 0.00 | 16.03 1.31 0.00 | 17.00 1.45 0.00 | 18.52 1.70 0.00 | 22.26 2.06 0.00 | 23.65 2.23 0.00 | 24.27 2.23 0.00 | 23.37 2.18 0.00 | 25.18 2.35 0.00 | 27.97 2.63 0.00 | 27.43 2.52 0.00 | 24.25 2.19 -0.40 | 22.06 1.92 -0.34 | 21.15 1.88 -0.06 | 19.38 1.70 0.00 | 18.03 1.34 -1.91 |
| ROSETON___2 23588 | 17.03 1.11 -2.22 | 15.44 1.09 -0.71 | 13.40 0.98 0.00 | 13.47 0.85 -2.05 | 12.48 0.83 -1.21 | 11.66 0.72 -1.78 | 12.09 0.88 -0.29 | 13.62 0.95 0.00 | 14.98 1.14 0.00 | 16.03 1.31 0.00 | 17.00 1.45 0.00 | 18.52 1.70 0.00 | 22.26 2.06 0.00 | 23.65 2.23 0.00 | 24.27 2.23 0.00 | 23.37 2.18 0.00 | 25.18 2.35 0.00 | 27.97 2.63 0.00 | 27.43 2.52 0.00 | 24.25 2.19 -0.40 | 22.06 1.92 -0.34 | 21.15 1.88 -0.06 | 19.38 1.70 0.00 | 18.03 1.34 -1.91 |
| RUSSELL___1 23602 | 13.80 -0.18 -0.28 | 13.39 -0.34 -0.09 | 12.08 -0.33 0.00 | 10.52 -0.31 -0.26 | 10.29 -0.29 -0.15 | 9.11 -0.27 -0.22 | 10.65 -0.31 -0.03 | 12.36 -0.30 0.00 | 13.66 -0.18 0.00 | 14.67 -0.04 0.00 | 15.65 0.09 0.00 | 16.77 -0.05 0.00 | 20.23 0.04 0.00 | 21.76 -0.02 -0.36 | 22.31 0.11 -0.15 | 20.82 -0.17 0.20 | 22.57 -0.05 0.22 | 24.97 -0.13 0.25 | 24.86 0.02 0.08 | 21.67 -0.02 -0.03 | 19.66 -0.18 -0.04 | 19.03 -0.17 0.00 | 17.53 -0.16 0.00 | 14.86 -0.15 -0.24 |
| RUSSELL___2 23532 | 13.80 -0.18 -0.28 | 13.39 -0.34 -0.09 | 12.08 -0.33 0.00 | 10.52 -0.31 -0.26 | 10.29 -0.29 -0.15 | 9.11 -0.27 -0.22 | 10.65 -0.31 -0.03 | 12.36 -0.30 0.00 | 13.66 -0.18 0.00 | 14.67 -0.04 0.00 | 15.65 0.09 0.00 | 16.77 -0.05 0.00 | 20.23 0.04 0.00 | 21.76 -0.02 -0.36 | 22.31 0.11 -0.15 | 20.82 -0.17 0.20 | 22.57 -0.05 0.22 | 24.97 -0.13 0.25 | 24.86 0.02 0.08 | 21.67 -0.02 -0.03 | 19.66 -0.18 -0.04 | 19.03 -0.17 0.00 | 17.53 -0.16 0.00 | 14.86 -0.15 -0.24 |
| RUSSELL___3 23549 | 13.80 -0.18 -0.28 | 13.39 -0.34 -0.09 | 12.08 -0.33 0.00 | 10.52 -0.31 -0.26 | 10.29 -0.29 -0.15 | 9.11 -0.27 -0.22 | 10.65 -0.31 -0.03 | 12.36 -0.30 0.00 | 13.66 -0.18 0.00 | 14.67 -0.04 0.00 | 15.65 0.09 0.00 | 16.77 -0.05 0.00 | 20.23 0.04 0.00 | 21.76 -0.02 -0.36 | 22.31 0.11 -0.15 | 20.82 -0.17 0.20 | 22.57 -0.05 0.22 | 24.97 -0.13 0.25 | 24.86 0.02 0.08 | 21.67 -0.02 -0.03 | 19.66 -0.18 -0.04 | 19.03 -0.17 0.00 | 17.53 -0.16 0.00 | 14.86 -0.15 -0.24 |
| RUSSELL___4 23556 | 13.80 -0.18 -0.28 | 13.39 -0.34 -0.09 | 12.08 -0.33 0.00 | 10.52 -0.31 -0.26 | 10.29 -0.29 -0.15 | 9.11 -0.27 -0.22 | 10.65 -0.31 -0.03 | 12.36 -0.30 0.00 | 13.66 -0.18 0.00 | 14.67 -0.04 0.00 | 15.65 0.09 0.00 | 16.77 -0.05 0.00 | 20.23 0.04 0.00 | 21.76 -0.02 -0.36 | 22.31 0.11 -0.15 | 20.82 -0.17 0.20 | 22.57 -0.05 0.22 | 24.97 -0.13 0.25 | 24.86 0.02 0.08 | 21.67 -0.02 -0.03 | 19.66 -0.18 -0.04 | 19.03 -0.17 0.00 | 17.53 -0.16 0.00 | 14.86 -0.15 -0.24 |
| RUSSELL___STATION 23914 | 13.80 -0.18 -0.28 | 13.39 -0.34 -0.09 | 12.08 -0.33 0.00 | 10.52 -0.31 -0.26 | 10.29 -0.29 -0.15 | 9.11 -0.27 -0.22 | 10.65 -0.31 -0.03 | 12.36 -0.30 0.00 | 13.66 -0.18 0.00 | 14.67 -0.04 0.00 | 15.65 0.09 0.00 | 16.77 -0.05 0.00 | 20.23 0.04 0.00 | 21.76 -0.02 -0.36 | 22.31 0.11 -0.15 | 20.82 -0.17 0.20 | 22.57 -0.05 0.22 | 24.97 -0.13 0.25 | 24.86 0.02 0.08 | 21.67 -0.02 -0.03 | 19.66 -0.18 -0.04 | 19.03 -0.17 0.00 | 17.53 -0.16 0.00 | 14.86 -0.15 -0.24 |
| S SALMON___HYD 24043 | 13.86 0.01 -0.15 | 13.63 -0.05 -0.05 | 12.35 -0.06 0.00 | 10.64 -0.07 -0.14 | 10.43 -0.08 -0.08 | 9.22 -0.06 -0.12 | 10.87 -0.07 -0.02 | 12.68 0.01 0.00 | 13.94 0.10 0.00 | 14.75 0.03 0.00 | 15.57 0.03 0.02 | 16.73 0.00 0.09 | 19.86 0.00 0.34 | 20.93 -0.06 0.43 | 21.50 -0.02 0.53 | 20.68 -0.08 0.42 | 22.02 -0.27 0.54 | 24.32 -0.30 0.72 | 24.05 -0.20 0.67 | 21.12 -0.13 0.41 | 19.58 0.06 0.28 | 19.00 0.06 0.26 | 17.59 0.05 0.15 | 14.95 0.04 -0.13 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 13.50 -0.56 -0.37 | 13.01 -0.75 -0.12 | 11.70 -0.72 0.00 | 10.30 -0.61 -0.34 | 10.06 -0.57 -0.20 | 8.92 -0.54 -0.29 | 10.31 -0.65 -0.05 | 14.30 -0.68 -2.31 | 26.40 -0.62 -13.18 | 29.03 -0.37 -14.68 | 37.05 -0.28 -21.78 | 40.18 -0.55 -23.91 | 60.67 -0.30 -40.78 | 64.02 -0.49 -43.09 | 72.43 -0.09 -50.47 | 37.88 -0.78 -17.48 | 40.84 -0.71 -18.72 | 41.98 -0.86 -17.51 | 31.95 -0.85 -7.88 | 22.62 -0.71 -1.67 | 18.96 -0.93 -0.09 | 18.85 -0.77 -0.41 | 16.95 -0.76 -0.02 | 14.42 -0.66 -0.31 |
| SELKIRK___I 23801 | 17.25 0.74 -2.82 | 15.27 0.72 -0.90 | 13.06 0.65 0.00 | 13.73 0.55 -2.60 | 12.52 0.55 -1.53 | 11.91 0.49 -2.26 | 11.83 0.55 -0.36 | 13.24 0.57 0.00 | 14.52 0.68 0.00 | 15.51 0.79 0.00 | 16.41 0.86 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.70 1.37 0.00 | 26.29 1.37 0.00 | 23.38 1.21 -0.51 | 21.34 1.11 -0.43 | 20.38 1.09 -0.08 | 18.68 0.99 0.00 | 17.97 0.77 -2.42 |
| SELKIRK___II 23799 | 17.26 0.74 -2.82 | 15.27 0.72 -0.91 | 13.06 0.65 0.00 | 13.73 0.55 -2.60 | 12.51 0.54 -1.53 | 11.90 0.48 -2.26 | 11.83 0.55 -0.36 | 13.24 0.57 0.00 | 14.52 0.68 0.00 | 15.51 0.79 0.00 | 16.41 0.86 0.00 | 17.73 0.91 0.00 | 21.24 1.05 0.00 | 22.58 1.16 0.00 | 23.17 1.12 0.00 | 22.29 1.10 0.00 | 24.04 1.21 0.00 | 26.70 1.37 0.00 | 26.29 1.37 0.00 | 23.38 1.21 -0.51 | 21.34 1.11 -0.43 | 20.38 1.09 -0.08 | 18.68 0.99 0.00 | 17.97 0.77 -2.43 |
| SENECA OSWGO___HYD 24041 | 13.83 -0.04 -0.17 | 13.59 -0.11 -0.06 | 12.29 -0.12 0.00 | 10.63 -0.11 -0.16 | 10.40 -0.12 -0.10 | 9.20 -0.11 -0.14 | 10.83 -0.11 -0.02 | 12.63 -0.04 0.00 | 13.87 0.03 0.00 | 14.66 -0.06 0.00 | 15.53 -0.03 0.00 | 16.75 -0.07 0.00 | 20.13 -0.06 0.00 | 21.34 -0.09 0.00 | 22.03 -0.02 0.00 | 21.15 -0.04 0.00 | 22.78 -0.05 0.00 | 25.26 -0.08 0.00 | 24.82 -0.10 0.00 | 21.60 -0.09 -0.03 | 19.71 -0.12 -0.03 | 19.09 -0.11 -0.01 | 17.60 -0.09 0.00 | 14.86 -0.06 -0.15 |
| SENECA___ENERGY 23797 | 13.90 -0.08 -0.29 | 13.53 -0.20 -0.09 | 12.20 -0.21 0.00 | 10.65 -0.19 -0.27 | 10.39 -0.20 -0.16 | 9.21 -0.18 -0.23 | 10.77 -0.19 -0.04 | 12.57 -0.10 0.00 | 13.83 -0.01 0.00 | 14.70 -0.01 0.00 | 15.59 0.03 0.00 | 16.78 -0.03 0.00 | 20.15 -0.04 0.00 | 21.34 -0.09 0.00 | 22.09 0.04 0.00 | 21.17 -0.02 0.00 | 22.80 -0.02 0.00 | 25.34 0.00 0.00 | 24.97 0.05 0.00 | 21.69 -0.02 -0.05 | 19.78 -0.06 -0.04 | 19.15 -0.06 -0.01 | 17.67 -0.02 0.00 | 14.98 -0.04 -0.25 |
| SHOEMAKER___GT 23640 | 16.71 0.99 -2.03 | 15.26 0.97 -0.65 | 13.28 0.87 0.00 | 13.19 0.74 -1.87 | 12.26 0.72 -1.10 | 11.42 0.62 -1.63 | 11.93 0.75 -0.26 | 13.49 0.82 0.00 | 14.82 0.98 0.00 | 15.87 1.15 0.00 | 16.82 1.26 0.00 | 18.25 1.43 0.00 | 21.97 1.78 0.00 | 23.33 1.91 0.00 | 23.94 1.90 0.00 | 20.36 1.86 2.70 | 9.36 2.03 15.50 | 26.09 2.28 1.53 | 27.11 2.19 0.00 | 23.89 1.86 -0.37 | 21.81 1.70 -0.31 | 20.93 1.67 -0.06 | 19.21 1.52 0.00 | 17.72 1.20 -1.75 |
| SHOREHAM_IC_1 23715 | 18.90 1.75 -3.45 | 16.80 1.91 -1.25 | 14.34 1.76 -0.16 | 14.06 1.44 -2.04 | 12.99 1.36 -1.20 | 12.21 1.27 -1.78 | 12.96 1.52 -0.52 | 15.35 1.82 -0.86 | 18.13 1.91 -2.38 | 20.87 1.99 -4.17 | 21.32 2.22 -3.54 | 22.33 2.69 -2.83 | 23.72 3.15 -0.38 | 24.95 3.13 -0.40 | 26.19 3.46 -0.68 | 28.72 3.37 -4.16 | 32.44 3.45 -6.17 | 34.14 4.00 -4.80 | 29.56 4.09 -0.56 | 26.29 3.49 -1.14 | 24.31 3.05 -1.47 | 23.12 2.99 -0.93 | 21.27 2.58 -1.00 | 20.10 2.05 -3.27 |
| SHOREHAM_IC_2 23716 | 18.90 1.75 -3.45 | 16.80 1.91 -1.25 | 14.34 1.76 -0.16 | 14.06 1.44 -2.04 | 12.99 1.36 -1.20 | 12.21 1.27 -1.78 | 12.96 1.52 -0.52 | 15.35 1.82 -0.86 | 18.13 1.91 -2.38 | 20.87 1.99 -4.17 | 21.32 2.22 -3.54 | 22.33 2.69 -2.83 | 23.72 3.15 -0.38 | 24.95 3.13 -0.40 | 26.19 3.46 -0.68 | 28.72 3.37 -4.16 | 32.44 3.45 -6.17 | 34.14 4.00 -4.80 | 29.56 4.09 -0.56 | 26.29 3.49 -1.14 | 24.31 3.05 -1.47 | 23.12 2.99 -0.93 | 21.27 2.58 -1.00 | 20.10 2.05 -3.27 |
| SISSONVILLE____ 23735 | 13.21 -0.49 0.00 | 13.22 -0.42 0.00 | 12.06 -0.36 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.93 -0.24 0.00 | 10.59 -0.33 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.72 -0.61 0.23 | 15.15 -0.66 1.01 | 15.64 -0.85 3.71 | 15.79 -0.92 4.72 | 15.30 -0.95 5.80 | 15.67 -0.87 4.65 | 15.85 -1.05 5.93 | 16.28 -1.17 7.90 | 16.33 -1.17 7.41 | 15.82 -1.06 4.78 | 15.66 -0.83 3.31 | 15.56 -0.75 2.89 | 15.31 -0.69 1.68 | 14.27 -0.50 0.00 |
| SITHE_IND_GS1 24169 | 13.55 -0.29 -0.14 | 13.36 -0.33 -0.05 | 12.11 -0.31 0.00 | 10.44 -0.26 -0.13 | 10.24 -0.27 -0.08 | 9.04 -0.24 -0.11 | 10.66 -0.27 -0.02 | 12.44 -0.23 0.00 | 13.63 -0.21 0.00 | 14.25 -0.47 0.00 | 15.04 -0.51 0.00 | 16.23 -0.59 0.00 | 19.51 -0.69 0.00 | 20.67 -0.75 0.00 | 21.32 -0.73 0.00 | 20.45 -0.74 0.00 | 22.12 -0.71 0.00 | 24.65 -0.68 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.27 -0.55 -0.02 | 18.67 -0.54 0.00 | 17.23 -0.46 0.00 | 14.56 -0.34 -0.12 |
| SITHE_IND_GS2 24170 | 13.55 -0.29 -0.14 | 13.36 -0.33 -0.05 | 12.11 -0.31 0.00 | 10.44 -0.26 -0.13 | 10.24 -0.27 -0.08 | 9.04 -0.24 -0.11 | 10.66 -0.27 -0.02 | 12.44 -0.23 0.00 | 13.63 -0.21 0.00 | 14.25 -0.47 0.00 | 15.04 -0.51 0.00 | 16.23 -0.59 0.00 | 19.51 -0.69 0.00 | 20.67 -0.75 0.00 | 21.32 -0.73 0.00 | 20.45 -0.74 0.00 | 22.12 -0.71 0.00 | 24.65 -0.68 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.27 -0.55 -0.02 | 18.67 -0.54 0.00 | 17.23 -0.46 0.00 | 14.56 -0.34 -0.12 |
| SITHE_IND_GS3 24171 | 13.55 -0.29 -0.14 | 13.36 -0.33 -0.05 | 12.11 -0.31 0.00 | 10.44 -0.26 -0.13 | 10.24 -0.27 -0.08 | 9.04 -0.24 -0.11 | 10.66 -0.27 -0.02 | 12.44 -0.23 0.00 | 13.63 -0.21 0.00 | 14.25 -0.47 0.00 | 15.04 -0.51 0.00 | 16.23 -0.59 0.00 | 19.51 -0.69 0.00 | 20.67 -0.75 0.00 | 21.32 -0.73 0.00 | 20.45 -0.74 0.00 | 22.12 -0.71 0.00 | 24.65 -0.68 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.27 -0.55 -0.02 | 18.67 -0.54 0.00 | 17.23 -0.46 0.00 | 14.56 -0.34 -0.12 |
| SITHE_IND_GS4 24172 | 13.55 -0.29 -0.14 | 13.36 -0.33 -0.05 | 12.11 -0.31 0.00 | 10.44 -0.26 -0.13 | 10.24 -0.27 -0.08 | 9.04 -0.24 -0.11 | 10.66 -0.27 -0.02 | 12.44 -0.23 0.00 | 13.63 -0.21 0.00 | 14.25 -0.47 0.00 | 15.04 -0.51 0.00 | 16.23 -0.59 0.00 | 19.51 -0.69 0.00 | 20.67 -0.75 0.00 | 21.32 -0.73 0.00 | 20.45 -0.74 0.00 | 22.12 -0.71 0.00 | 24.65 -0.68 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.27 -0.55 -0.02 | 18.67 -0.54 0.00 | 17.23 -0.46 0.00 | 14.56 -0.34 -0.12 |
| SITHE___BATAVIA 24024 | 13.71 -0.31 -0.32 | 13.23 -0.52 -0.10 | 11.92 -0.50 0.00 | 10.43 -0.44 -0.30 | 10.19 -0.42 -0.18 | 9.03 -0.39 -0.26 | 10.50 -0.46 -0.04 | 12.20 -0.44 0.02 | 13.44 -0.32 0.08 | 14.58 -0.04 0.09 | 15.53 0.11 0.14 | 16.48 -0.18 0.15 | 19.96 0.02 0.25 | 20.72 -0.09 0.62 | 21.79 0.20 0.46 | 19.46 -0.40 1.32 | 21.16 -0.25 1.41 | 24.20 -0.41 0.73 | 24.43 -0.30 0.19 | 21.42 -0.26 -0.01 | 19.33 -0.51 -0.04 | 18.77 -0.42 0.01 | 17.22 -0.46 0.01 | 14.62 -0.43 -0.28 |
| SITHE___INDEPEND 23800 | 13.55 -0.29 -0.14 | 13.36 -0.33 -0.05 | 12.11 -0.31 0.00 | 10.44 -0.26 -0.13 | 10.24 -0.27 -0.08 | 9.04 -0.24 -0.11 | 10.66 -0.27 -0.02 | 12.44 -0.23 0.00 | 13.63 -0.21 0.00 | 14.25 -0.47 0.00 | 15.04 -0.51 0.00 | 16.23 -0.59 0.00 | 19.51 -0.69 0.00 | 20.67 -0.75 0.00 | 21.32 -0.73 0.00 | 20.45 -0.74 0.00 | 22.12 -0.71 0.00 | 24.65 -0.68 0.00 | 24.24 -0.67 0.00 | 21.10 -0.58 -0.03 | 19.27 -0.55 -0.02 | 18.67 -0.54 0.00 | 17.23 -0.46 0.00 | 14.56 -0.34 -0.12 |

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|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE___MASSENA 23902 | 13.16 -0.53 0.00 | 13.19 -0.45 0.00 | 12.03 -0.38 0.00 | 10.24 -0.34 0.00 | 10.12 -0.31 0.00 | 8.90 -0.27 0.00 | 10.56 -0.36 0.00 | 12.26 -0.41 0.00 | 13.30 -0.54 0.00 | 14.13 -0.59 0.00 | 14.58 -0.70 0.28 | 14.83 -0.76 1.23 | 14.76 -0.93 4.50 | 14.71 -0.99 5.73 | 13.99 -1.01 7.04 | 14.61 -0.93 5.65 | 14.60 -1.03 7.20 | 14.58 -1.17 9.59 | 14.72 -1.20 9.00 | 14.82 -1.04 5.80 | 14.87 -0.91 4.01 | 14.83 -0.86 3.51 | 14.84 -0.80 2.05 | 14.18 -0.59 0.00 |
| SITHE___OGDNSBRG 24021 | 13.23 -0.47 0.00 | 13.26 -0.38 0.00 | 12.11 -0.31 0.00 | 10.29 -0.29 0.00 | 10.16 -0.27 0.00 | 8.96 -0.21 0.00 | 10.63 -0.28 0.00 | 12.36 -0.30 0.00 | 13.43 -0.41 0.00 | 14.29 -0.43 0.00 | 14.74 -0.58 0.25 | 15.08 -0.64 1.10 | 15.37 -0.81 4.02 | 15.43 -0.88 5.11 | 14.84 -0.93 6.28 | 15.33 -0.83 5.04 | 15.33 -1.07 6.43 | 15.59 -1.19 8.55 | 15.77 -1.12 8.03 | 15.46 -1.02 5.18 | 15.51 -0.71 3.58 | 15.40 -0.67 3.13 | 15.24 -0.62 1.82 | 14.32 -0.46 0.00 |
| SITHE___STERLING 23777 | 14.14 0.36 -0.09 | 13.96 0.29 -0.03 | 12.68 0.26 0.00 | 10.86 0.20 -0.08 | 10.66 0.18 -0.05 | 9.40 0.17 -0.07 | 11.16 0.23 -0.01 | 13.01 0.34 0.00 | 14.31 0.47 0.00 | 15.22 0.50 0.00 | 16.09 0.53 0.00 | 17.36 0.54 0.00 | 20.84 0.65 0.00 | 22.04 0.62 0.00 | 22.71 0.66 0.00 | 21.82 0.64 0.00 | 23.33 0.50 0.00 | 25.92 0.58 0.00 | 25.59 0.67 0.00 | 22.24 0.56 -0.02 | 20.50 0.69 -0.01 | 19.86 0.65 0.00 | 18.27 0.58 0.00 | 15.31 0.46 -0.08 |
| SOUTH CAIRO___GT 23612 | 17.40 1.27 -2.43 | 15.65 1.23 -0.78 | 13.48 1.07 0.00 | 13.74 0.92 -2.24 | 12.65 0.90 -1.32 | 11.86 0.75 -1.95 | 12.11 0.88 -0.31 | 13.64 0.98 0.00 | 14.96 1.12 0.00 | 16.01 1.30 0.00 | 17.00 1.45 0.00 | 18.20 1.38 0.00 | 21.95 1.76 0.00 | 23.35 1.93 0.00 | 23.90 1.85 0.00 | 23.03 1.84 0.00 | 24.97 2.15 0.00 | 27.75 2.41 0.00 | 27.31 2.39 0.00 | 24.07 1.97 -0.44 | 22.29 2.12 -0.37 | 21.29 2.02 -0.07 | 19.54 1.86 0.00 | 18.34 1.48 -2.09 |
| SOUTH HAMPTN___IC 23720 | 19.48 2.34 -3.44 | 17.33 2.44 -1.25 | 14.79 2.22 -0.16 | 14.43 1.81 -2.04 | 13.37 1.73 -1.20 | 12.53 1.59 -1.78 | 13.36 1.92 -0.52 | 15.83 2.31 -0.86 | 18.78 2.56 -2.38 | 21.66 2.78 -4.16 | 22.25 3.16 -3.54 | 23.38 3.73 -2.83 | 25.03 4.46 -0.37 | 26.34 4.52 -0.40 | 27.68 4.96 -0.67 | 30.26 4.92 -4.16 | 34.03 5.04 -6.16 | 35.98 5.85 -4.79 | 31.40 5.93 -0.56 | 27.78 4.98 -1.14 | 25.60 4.34 -1.46 | 24.37 4.24 -0.92 | 22.28 3.61 -0.99 | 20.84 2.81 -3.26 |
| SOUTHOLD___IC 23719 | 19.89 2.75 -3.44 | 17.73 2.84 -1.25 | 15.13 2.56 -0.16 | 14.71 2.09 -2.04 | 13.64 2.00 -1.20 | 12.77 1.82 -1.78 | 13.66 2.22 -0.52 | 16.19 2.66 -0.86 | 19.21 2.99 -2.38 | 22.25 3.37 -4.16 | 23.00 3.90 -3.54 | 24.22 4.57 -2.83 | 26.06 5.49 -0.37 | 27.44 5.61 -0.40 | 28.87 6.15 -0.67 | 31.47 6.12 -4.16 | 35.29 6.30 -6.16 | 37.48 7.35 -4.79 | 32.90 7.43 -0.56 | 28.99 6.19 -1.14 | 26.65 5.38 -1.46 | 25.39 5.26 -0.92 | 23.08 4.40 -0.99 | 21.37 3.34 -3.26 |
| ST LAWRENCE___ 23600 | 13.07 -0.63 0.00 | 13.09 -0.55 0.00 | 11.94 -0.47 0.00 | 10.17 -0.40 0.00 | 10.05 -0.39 0.00 | 8.84 -0.33 0.00 | 10.50 -0.41 0.00 | 12.19 -0.48 0.00 | 13.20 -0.64 0.00 | 14.03 -0.69 0.00 | 14.48 -0.79 0.29 | 14.70 -0.84 1.27 | 14.50 -1.03 4.66 | 14.40 -1.09 5.93 | 13.63 -1.12 7.30 | 14.30 -1.04 5.85 | 14.22 -1.14 7.46 | 14.16 -1.24 9.93 | 14.35 -1.25 9.32 | 14.57 -1.08 6.01 | 14.67 -0.97 4.16 | 14.61 -0.96 3.64 | 14.68 -0.88 2.12 | 14.06 -0.71 0.00 |
| STATION 5_MISC_HYD 23604 | 13.73 -0.25 -0.28 | 13.33 -0.40 -0.09 | 12.03 -0.38 0.00 | 10.48 -0.35 -0.26 | 10.25 -0.33 -0.15 | 9.08 -0.31 -0.22 | 10.59 -0.36 -0.03 | 12.30 -0.37 0.00 | 13.59 -0.25 0.00 | 14.60 -0.12 0.00 | 15.56 0.00 0.00 | 16.67 -0.15 0.00 | 20.11 -0.08 0.00 | 21.63 -0.15 -0.36 | 22.20 0.00 -0.15 | 20.68 -0.30 0.21 | 22.42 -0.18 0.22 | 24.78 -0.30 0.25 | 24.69 -0.15 0.08 | 21.50 -0.20 -0.03 | 19.52 -0.32 -0.04 | 18.92 -0.29 0.00 | 17.40 -0.28 0.00 | 14.76 -0.25 -0.24 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 13.85 -0.12 -0.27 | 13.47 -0.26 -0.09 | 12.17 -0.25 0.00 | 10.60 -0.23 -0.25 | 10.34 -0.24 -0.15 | 9.18 -0.21 -0.22 | 10.72 -0.23 -0.03 | 12.48 -0.19 0.00 | 13.76 -0.08 0.00 | 14.70 -0.01 0.00 | 15.64 0.08 0.00 | 16.80 -0.02 0.00 | 20.19 0.00 0.00 | 21.38 -0.04 0.00 | 22.11 0.07 0.00 | 21.12 -0.06 0.00 | 22.83 0.00 0.00 | 25.29 -0.05 0.00 | 24.99 0.07 0.00 | 21.71 0.00 -0.05 | 19.74 -0.10 -0.04 | 19.12 -0.10 -0.01 | 17.62 -0.07 0.00 | 14.94 -0.07 -0.24 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 13.64 -0.33 -0.27 | 13.25 -0.48 -0.09 | 11.97 -0.45 0.00 | 10.42 -0.41 -0.25 | 10.19 -0.40 -0.15 | 9.03 -0.36 -0.22 | 10.54 -0.41 -0.03 | 12.24 -0.43 0.00 | 13.51 -0.33 0.00 | 14.50 -0.22 0.00 | 15.43 -0.13 0.00 | 16.57 -0.25 0.00 | 19.97 -0.22 0.00 | 21.46 -0.28 -0.31 | 22.00 -0.18 -0.13 | 20.58 -0.40 0.21 | 22.28 -0.32 0.22 | 24.73 -0.43 0.17 | 24.54 -0.30 0.08 | 21.37 -0.32 -0.03 | 19.42 -0.42 -0.04 | 18.80 -0.40 0.00 | 17.30 -0.39 0.00 | 14.68 -0.33 -0.24 |
| STEEL___WIND 323596 | 13.74 -0.34 -0.38 | 13.23 -0.53 -0.12 | 11.89 -0.52 0.00 | 10.47 -0.45 -0.35 | 10.21 -0.43 -0.21 | 9.06 -0.41 -0.31 | 10.50 -0.47 -0.05 | 14.44 -0.44 -2.21 | 26.03 -0.36 -12.55 | 28.61 -0.09 -13.98 | 36.32 0.03 -20.73 | 39.33 -0.25 -22.76 | 59.09 0.08 -38.82 | 66.95 -0.09 -45.61 | 72.36 0.35 -49.96 | 36.36 -0.40 -15.58 | 39.21 -0.30 -16.68 | 42.97 -0.35 -17.99 | 32.65 -0.37 -8.11 | 23.11 -0.28 -1.74 | 19.36 -0.55 -0.11 | 19.24 -0.40 -0.44 | 17.29 -0.42 -0.03 | 14.69 -0.41 -0.33 |
| STEBEN_REC_LFGE 323667 | 14.35 0.16 -0.49 | 13.76 -0.04 -0.16 | 12.32 -0.10 0.00 | 10.92 -0.11 -0.45 | 10.57 -0.12 -0.27 | 9.43 -0.13 -0.39 | 10.86 -0.12 -0.06 | 13.33 0.08 -0.59 | 17.36 0.18 -3.34 | 18.74 0.31 -3.72 | 21.49 0.42 -5.51 | 23.12 0.25 -6.05 | 30.96 0.44 -10.32 | 33.93 0.36 -12.15 | 36.06 0.73 -13.29 | 25.84 0.38 -4.27 | 27.85 0.46 -4.57 | 30.44 0.58 -4.52 | 27.60 0.65 -2.03 | 22.75 0.59 -0.51 | 20.22 0.34 -0.09 | 19.69 0.36 -0.12 | 18.03 0.34 -0.01 | 15.42 0.22 -0.42 |
| STONY___BROOK 24151 | 19.01 1.82 -3.49 | 16.77 1.87 -1.26 | 14.28 1.70 -0.16 | 13.99 1.37 -2.04 | 12.94 1.30 -1.20 | 12.15 1.21 -1.78 | 12.90 1.46 -0.52 | 15.23 1.70 -0.87 | 18.12 1.88 -2.39 | 20.98 2.09 -4.18 | 21.35 2.26 -3.54 | 22.29 2.64 -2.83 | 23.71 3.13 -0.39 | 25.05 3.21 -0.42 | 26.21 3.46 -0.70 | 28.76 3.39 -4.19 | 32.41 3.40 -6.18 | 34.06 3.88 -4.84 | 29.46 3.99 -0.56 | 26.14 3.33 -1.15 | 24.19 2.91 -1.48 | 23.01 2.88 -0.93 | 21.32 2.60 -1.03 | 20.22 2.13 -3.32 |
| STURGEON_POOL_HYD 23609 | 17.03 1.05 -2.27 | 15.41 1.04 -0.73 | 13.35 0.93 0.00 | 13.48 0.80 -2.10 | 12.45 0.78 -1.24 | 11.66 0.67 -1.82 | 12.03 0.82 -0.29 | 13.54 0.87 0.00 | 14.87 1.02 0.00 | 15.94 1.22 0.00 | 16.91 1.35 0.00 | 18.38 1.56 0.00 | 22.13 1.94 0.00 | 23.52 2.10 0.00 | 24.12 2.07 0.00 | 23.24 2.05 0.00 | 25.04 2.21 0.00 | 27.85 2.51 0.00 | 27.31 2.39 0.00 | 24.11 2.04 -0.41 | 21.99 1.84 -0.35 | 21.07 1.80 -0.07 | 19.33 1.65 0.00 | 18.03 1.30 -1.96 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 16.88 1.11 -2.07 | 15.38 1.08 -0.67 | 13.38 0.97 0.00 | 13.32 0.84 -1.91 | 12.37 0.81 -1.13 | 11.52 0.70 -1.66 | 12.04 0.85 -0.27 | 13.61 0.94 0.00 | 14.95 1.11 0.00 | 16.01 1.30 0.00 | 16.99 1.43 0.00 | 18.47 1.65 0.00 | 22.23 2.04 0.00 | 23.63 2.21 0.00 | 24.25 2.20 0.00 | 27.08 2.16 -3.73 | 46.58 2.33 -21.42 | 30.07 2.61 -2.12 | 27.41 2.49 0.00 | 24.18 2.14 -0.37 | 22.02 1.90 -0.32 | 21.15 1.88 -0.06 | 19.38 1.70 0.00 | 17.90 1.34 -1.78 |

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| SYNERGY___BIOGAS 323694 | 13.71 -0.31 -0.32 | 13.23 -0.52 -0.10 | 11.92 -0.50 0.00 | 10.43 -0.44 -0.30 | 10.19 -0.42 -0.18 | 9.03 -0.39 -0.26 | 10.50 -0.46 -0.04 | 12.20 -0.44 0.02 | 13.44 -0.32 0.08 | 14.58 -0.04 0.09 | 15.53 0.11 0.14 | 16.48 -0.18 0.15 | 19.96 0.02 0.25 | 20.72 -0.09 0.62 | 21.79 0.20 0.46 | 19.46 -0.40 1.32 | 21.16 -0.25 1.41 | 24.20 -0.41 0.73 | 24.43 -0.30 0.19 | 21.42 -0.26 -0.01 | 19.33 -0.51 -0.04 | 18.77 -0.42 0.01 | 17.22 -0.46 0.01 | 14.62 -0.43 -0.28 |
| SYRACUSE___ENERGY_ST1 323597 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| SYRACUSE___ENERGY_ST2 323598 | 13.99 0.07 -0.23 | 13.70 -0.01 -0.07 | 12.39 -0.02 0.00 | 10.76 -0.02 -0.21 | 10.51 -0.04 -0.12 | 9.30 -0.05 -0.18 | 10.93 -0.02 -0.03 | 12.74 0.08 0.00 | 13.99 0.15 0.00 | 14.81 0.09 0.00 | 15.68 0.12 0.00 | 16.92 0.10 0.00 | 20.32 0.12 0.00 | 21.53 0.11 0.00 | 22.22 0.18 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.79 0.09 -0.04 | 19.91 0.08 -0.03 | 19.29 0.08 -0.01 | 17.77 0.09 0.00 | 15.06 0.09 -0.19 |
| SYRACUSE___POWER 24017 | 14.02 0.08 -0.24 | 13.72 0.00 -0.08 | 12.40 -0.01 0.00 | 10.77 -0.02 -0.22 | 10.53 -0.03 -0.13 | 9.32 -0.04 -0.19 | 10.93 -0.02 -0.03 | 12.76 0.09 0.00 | 14.01 0.17 0.00 | 14.82 0.10 0.00 | 15.71 0.16 0.00 | 16.94 0.12 0.00 | 20.34 0.14 0.00 | 21.53 0.11 0.00 | 22.25 0.20 0.00 | 21.36 0.17 0.00 | 22.99 0.16 0.00 | 25.52 0.18 0.00 | 25.07 0.15 0.00 | 21.81 0.11 -0.04 | 19.93 0.10 -0.04 | 19.31 0.10 -0.01 | 17.79 0.11 0.00 | 15.07 0.09 -0.20 |
| TRIGEN___CC 323695 | 26.81 1.57 -11.54 | 18.82 1.57 -3.61 | 15.07 1.41 -1.24 | 13.81 1.17 -2.06 | 12.77 1.12 -1.22 | 11.97 1.03 -1.78 | 12.70 1.24 -0.54 | 16.46 1.38 -2.41 | 20.02 1.59 -4.59 | 22.41 1.81 -5.88 | 21.60 1.94 -4.10 | 22.69 2.24 -3.63 | 25.85 2.79 -2.87 | 27.48 2.98 -3.08 | 30.18 3.04 -5.09 | 32.98 2.90 -8.89 | 35.57 3.17 -9.58 | 41.58 3.52 -12.73 | 29.82 3.36 -1.54 | 27.12 2.95 -2.52 | 25.85 2.55 -3.50 | 23.42 2.48 -1.73 | 27.53 2.32 -7.53 | 28.86 1.88 -12.21 |
| UNION___PROCESSING_DRP 323587 | 13.70 -0.27 -0.28 | 13.31 -0.42 -0.09 | 12.01 -0.41 0.00 | 10.46 -0.37 -0.26 | 10.23 -0.35 -0.15 | 9.06 -0.33 -0.22 | 10.57 -0.38 -0.04 | 12.28 -0.39 0.00 | 13.56 -0.28 0.00 | 14.56 -0.16 0.00 | 15.51 -0.05 0.00 | 16.62 -0.20 0.00 | 20.07 -0.12 0.00 | 21.65 -0.19 -0.42 | 22.16 -0.07 -0.18 | 20.85 -0.34 0.00 | 22.58 -0.25 0.00 | 24.90 -0.35 0.08 | 24.69 -0.22 0.00 | 21.47 -0.24 -0.05 | 19.46 -0.38 -0.04 | 18.87 -0.35 -0.01 | 17.35 -0.34 0.00 | 14.73 -0.28 -0.24 |
| UPPER HUDSON___HYD 24058 | 18.23 1.48 -3.05 | 15.98 1.36 -0.98 | 13.62 1.20 0.00 | 14.42 1.03 -2.82 | 13.11 1.01 -1.66 | 12.52 0.91 -2.45 | 12.39 1.08 -0.39 | 13.87 1.20 0.00 | 15.29 1.45 0.00 | 16.41 1.69 0.00 | 17.25 1.68 -0.01 | 18.50 1.63 -0.06 | 22.30 1.90 -0.21 | 23.81 2.12 -0.26 | 24.31 1.94 -0.32 | 23.18 1.74 -0.26 | 25.30 2.15 -0.33 | 28.19 2.41 -0.44 | 28.12 2.79 -0.41 | 24.92 2.45 -0.82 | 22.96 2.51 -0.65 | 21.93 2.48 -0.25 | 19.94 2.16 -0.09 | 19.13 1.73 -2.63 |
| UPPER RAQUET___HYD 24056 | 13.21 -0.49 0.00 | 13.22 -0.42 0.00 | 12.06 -0.36 0.00 | 10.25 -0.33 0.00 | 10.13 -0.30 0.00 | 8.93 -0.24 0.00 | 10.59 -0.33 0.00 | 12.31 -0.35 0.00 | 13.38 -0.46 0.00 | 14.25 -0.47 0.00 | 14.72 -0.61 0.23 | 15.15 -0.66 1.01 | 15.64 -0.85 3.71 | 15.79 -0.92 4.72 | 15.30 -0.95 5.80 | 15.67 -0.87 4.65 | 15.85 -1.05 5.93 | 16.28 -1.17 7.90 | 16.33 -1.17 7.41 | 15.82 -1.06 4.78 | 15.66 -0.83 3.31 | 15.56 -0.75 2.89 | 15.31 -0.69 1.68 | 14.27 -0.50 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 15.27 0.62 -0.95 | 14.52 0.57 -0.31 | 12.92 0.51 0.00 | 11.88 0.42 -0.88 | 11.37 0.42 -0.52 | 10.30 0.37 -0.76 | 11.50 0.46 -0.12 | 13.21 0.52 -0.02 | 14.62 0.66 -0.12 | 15.63 0.78 -0.13 | 16.59 0.84 -0.19 | 17.94 0.91 -0.21 | 21.67 1.11 -0.36 | 22.81 1.13 -0.25 | 23.61 1.17 -0.39 | 22.58 1.12 -0.27 | 24.19 1.07 -0.29 | 26.78 1.22 -0.23 | 26.27 1.25 -0.11 | 22.96 1.10 -0.19 | 21.05 1.11 -0.15 | 20.31 1.07 -0.03 | 18.66 0.97 0.00 | 16.35 0.75 -0.82 |
| VISCHER___FERRY HYD 24020 | 17.69 1.01 -2.98 | 15.57 0.97 -0.96 | 13.28 0.87 0.00 | 14.07 0.74 -2.75 | 12.78 0.73 -1.62 | 12.21 0.65 -2.39 | 12.07 0.76 -0.38 | 13.49 0.82 0.00 | 14.82 0.98 0.00 | 15.87 1.15 0.00 | 16.80 1.23 -0.01 | 18.13 1.26 -0.05 | 21.82 1.43 -0.19 | 23.25 1.59 -0.24 | 23.86 1.52 -0.29 | 22.88 1.46 -0.24 | 24.82 1.69 -0.30 | 27.64 1.90 -0.40 | 27.26 1.97 -0.38 | 24.19 1.75 -0.78 | 22.06 1.64 -0.62 | 21.05 1.61 -0.23 | 19.22 1.45 -0.09 | 18.47 1.14 -2.56 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 17.12 1.29 -2.14 | 15.58 1.25 -0.69 | 13.55 1.13 0.00 | 13.51 0.96 -1.98 | 12.54 0.94 -1.16 | 11.69 0.81 -1.72 | 12.19 0.99 -0.28 | 13.76 1.09 0.00 | 15.13 1.29 0.00 | 16.22 1.50 0.00 | 17.22 1.67 0.00 | 18.73 1.92 0.00 | 22.58 2.38 0.00 | 23.97 2.55 0.00 | 24.60 2.56 0.00 | 25.38 2.50 -1.69 | 35.24 2.69 -9.72 | 29.34 3.04 -0.96 | 27.81 2.89 0.00 | 24.54 2.49 -0.39 | 22.32 2.20 -0.33 | 21.43 2.17 -0.06 | 19.63 1.95 0.00 | 18.17 1.55 -1.84 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 17.36 1.45 -2.21 | 15.80 1.45 -0.71 | 13.72 1.30 0.00 | 13.74 1.12 -2.04 | 12.73 1.10 -1.20 | 11.89 0.94 -1.78 | 12.37 1.16 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.20 | 17.42 1.74 -0.97 | 19.29 1.91 -1.82 | 21.53 2.22 -2.49 | 22.88 2.69 0.00 | 24.71 2.89 -0.39 | 25.41 2.93 -0.43 | 26.75 2.88 -2.69 | 30.90 3.08 -5.00 | 29.31 3.47 -0.50 | 28.21 3.29 -0.01 | 25.11 2.86 -0.59 | 22.90 2.47 -0.63 | 23.07 2.44 -1.43 | 21.43 2.19 -1.55 | 18.44 1.74 -1.92 |
| WADING RIVER_IC_1 23522 | 18.90 1.77 -3.43 | 16.82 1.94 -1.25 | 14.36 1.79 -0.16 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.23 1.28 -1.78 | 12.98 1.54 -0.52 | 15.39 1.86 -0.85 | 18.16 1.94 -2.38 | 20.88 2.00 -4.16 | 21.35 2.26 -3.54 | 22.38 2.74 -2.82 | 23.75 3.19 -0.37 | 24.99 3.17 -0.40 | 26.24 3.53 -0.67 | 28.77 3.43 -4.15 | 32.48 3.49 -6.16 | 34.20 4.08 -4.78 | 29.61 4.14 -0.56 | 26.35 3.55 -1.14 | 24.35 3.09 -1.46 | 23.18 3.05 -0.92 | 21.28 2.62 -0.98 | 20.09 2.07 -3.25 |
| WADING RIVER_IC_2 23547 | 18.90 1.77 -3.43 | 16.82 1.94 -1.25 | 14.36 1.79 -0.16 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.23 1.28 -1.78 | 12.98 1.54 -0.52 | 15.39 1.86 -0.85 | 18.16 1.94 -2.38 | 20.88 2.00 -4.16 | 21.35 2.26 -3.54 | 22.38 2.74 -2.82 | 23.75 3.19 -0.37 | 24.99 3.17 -0.40 | 26.24 3.53 -0.67 | 28.77 3.43 -4.15 | 32.48 3.49 -6.16 | 34.20 4.08 -4.78 | 29.61 4.14 -0.56 | 26.35 3.55 -1.14 | 24.35 3.09 -1.46 | 23.18 3.05 -0.92 | 21.28 2.62 -0.98 | 20.09 2.07 -3.25 |
| WADING RIVER_IC_3 23601 | 18.90 1.77 -3.43 | 16.82 1.94 -1.25 | 14.36 1.79 -0.16 | 14.07 1.45 -2.04 | 13.01 1.38 -1.20 | 12.23 1.28 -1.78 | 12.98 1.54 -0.52 | 15.39 1.86 -0.85 | 18.16 1.94 -2.38 | 20.88 2.00 -4.16 | 21.35 2.26 -3.54 | 22.38 2.74 -2.82 | 23.75 3.19 -0.37 | 24.99 3.17 -0.40 | 26.24 3.53 -0.67 | 28.77 3.43 -4.15 | 32.48 3.49 -6.16 | 34.20 4.08 -4.78 | 29.61 4.14 -0.56 | 26.35 3.55 -1.14 | 24.35 3.09 -1.46 | 23.18 3.05 -0.92 | 21.28 2.62 -0.98 | 20.09 2.07 -3.25 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WALDEN___HYDRO 24148 | 17.07 1.19 -2.18 | 15.50 1.16 -0.70 | 13.46 1.04 0.00 | 13.48 0.89 -2.01 | 12.48 0.87 -1.19 | 11.65 0.73 -1.75 | 12.09 0.90 -0.28 | 13.64 0.98 0.00 | 14.99 1.15 0.00 | 16.07 1.35 0.00 | 17.08 1.53 0.00 | 18.55 1.73 0.00 | 22.33 2.14 0.00 | 23.76 2.34 0.00 | 24.36 2.31 0.00 | 23.46 2.27 0.00 | 25.27 2.44 0.00 | 28.10 2.76 0.00 | 27.56 2.64 0.00 | 24.33 2.27 -0.39 | 22.17 2.04 -0.33 | 21.28 2.02 -0.06 | 19.52 1.84 0.00 | 18.11 1.46 -1.88 |
| WARRENSBURG___ 23737 | 18.23 1.48 -3.05 | 15.98 1.36 -0.98 | 13.62 1.20 0.00 | 14.42 1.03 -2.82 | 13.11 1.01 -1.66 | 12.52 0.91 -2.45 | 12.39 1.08 -0.39 | 13.87 1.20 0.00 | 15.29 1.45 0.00 | 16.41 1.69 0.00 | 17.25 1.68 -0.01 | 18.50 1.63 -0.06 | 22.30 1.90 -0.21 | 23.81 2.12 -0.26 | 24.31 1.94 -0.32 | 23.18 1.74 -0.26 | 25.30 2.15 -0.33 | 28.19 2.41 -0.44 | 28.12 2.79 -0.41 | 24.92 2.45 -0.82 | 22.96 2.51 -0.65 | 21.93 2.48 -0.25 | 19.94 2.16 -0.09 | 19.13 1.73 -2.63 |
| WATERSIDE___6 8 9 23538 | 17.40 1.48 -2.22 | 15.83 1.47 -0.72 | 13.75 1.33 -0.01 | 13.77 1.14 -2.05 | 12.76 1.12 -1.21 | 11.91 0.96 -1.78 | 12.36 1.15 -0.29 | 13.96 1.28 -0.02 | 15.54 1.50 -0.21 | 17.42 1.71 -1.00 | 19.32 1.88 -1.88 | 21.60 2.20 -2.58 | 22.34 2.73 0.57 | 24.40 2.89 -0.09 | 25.09 2.98 -0.06 | 26.76 2.88 -2.69 | 30.89 3.06 -5.00 | 29.29 3.45 -0.51 | 28.22 3.29 -0.02 | 25.10 2.86 -0.58 | 22.06 2.49 0.23 | 22.30 2.44 -0.66 | 21.46 2.17 -1.60 | 18.47 1.77 -1.92 |
| WDELAWARE___HYD 323627 | 16.62 0.92 -2.01 | 15.16 0.87 -0.64 | 13.19 0.77 0.00 | 13.09 0.67 -1.85 | 12.16 0.64 -1.09 | 11.31 0.53 -1.61 | 11.84 0.67 -0.26 | 13.38 0.71 0.00 | 14.69 0.84 0.00 | 15.73 1.01 0.00 | 16.69 1.14 0.00 | 18.08 1.26 0.00 | 21.81 1.62 0.00 | 23.16 1.73 0.00 | 23.72 1.67 0.00 | 22.90 1.72 0.00 | 24.67 1.85 0.00 | 27.44 2.10 0.00 | 26.96 2.04 0.00 | 23.73 1.71 -0.36 | 21.81 1.70 -0.31 | 20.89 1.63 -0.06 | 19.19 1.50 0.00 | 17.67 1.17 -1.73 |
| WEST BABYLON___IC 23714 | 20.85 1.92 -5.24 | 17.34 1.92 -1.77 | 14.54 1.73 -0.40 | 14.04 1.42 -2.05 | 12.98 1.35 -1.20 | 12.18 1.24 -1.78 | 12.94 1.50 -0.53 | 15.58 1.71 -1.20 | 18.66 1.95 -2.87 | 21.45 2.19 -4.54 | 21.57 2.35 -3.66 | 22.47 2.66 -3.00 | 24.35 3.23 -0.92 | 25.78 3.36 -0.99 | 27.25 3.55 -1.65 | 29.82 3.43 -5.20 | 33.37 3.63 -6.92 | 36.02 4.13 -6.55 | 29.77 4.09 -0.77 | 26.59 3.49 -1.44 | 24.78 3.07 -1.91 | 23.30 2.99 -1.10 | 22.85 2.72 -2.44 | 22.22 2.20 -5.25 |
| WEST CANADA___HYD 24049 | 13.76 0.12 0.06 | 13.73 0.11 0.02 | 12.50 0.09 0.00 | 10.60 0.07 0.05 | 10.48 0.07 0.03 | 9.18 0.06 0.05 | 11.00 0.09 0.01 | 12.76 0.09 0.00 | 13.97 0.12 0.00 | 14.86 0.15 0.00 | 15.73 0.16 -0.01 | 17.04 0.17 -0.06 | 20.60 0.20 -0.21 | 21.90 0.21 -0.26 | 22.59 0.22 -0.32 | 21.64 0.19 -0.26 | 23.36 0.20 -0.33 | 26.01 0.23 -0.44 | 25.58 0.25 -0.41 | 22.13 0.22 -0.26 | 20.19 0.22 -0.18 | 19.57 0.21 -0.16 | 17.97 0.19 -0.09 | 14.89 0.16 0.05 |
| WESTERN_NY_WIND 24143 | 13.69 -0.33 -0.33 | 13.23 -0.52 -0.10 | 11.91 -0.51 0.00 | 10.42 -0.45 -0.30 | 10.18 -0.43 -0.18 | 9.03 -0.39 -0.26 | 10.49 -0.47 -0.04 | 12.21 -0.44 0.02 | 13.44 -0.33 0.06 | 14.58 -0.06 0.07 | 15.54 0.09 0.11 | 16.50 -0.20 0.12 | 20.02 0.02 0.19 | 20.75 -0.11 0.57 | 21.83 0.18 0.39 | 19.45 -0.42 1.31 | 21.15 -0.27 1.40 | 24.21 -0.43 0.69 | 24.43 -0.32 0.17 | 21.40 -0.28 -0.02 | 19.31 -0.53 -0.04 | 18.76 -0.44 0.01 | 17.20 -0.48 0.01 | 14.61 -0.44 -0.28 |
| WESTOVER___LESR 323668 | 14.66 0.25 -0.72 | 14.03 0.16 -0.23 | 12.54 0.12 0.00 | 11.34 0.11 -0.66 | 10.92 0.09 -0.39 | 9.81 0.07 -0.57 | 11.12 0.11 -0.09 | 12.89 0.18 -0.04 | 14.36 0.28 -0.24 | 15.32 0.34 -0.26 | 16.35 0.40 -0.39 | 17.65 0.40 -0.43 | 21.48 0.55 -0.74 | 22.48 0.54 -0.52 | 23.53 0.68 -0.80 | 22.26 0.51 -0.57 | 23.98 0.55 -0.61 | 26.45 0.63 -0.48 | 25.76 0.62 -0.22 | 22.37 0.54 -0.17 | 20.32 0.42 -0.11 | 19.68 0.44 -0.03 | 18.09 0.41 0.00 | 15.70 0.31 -0.62 |
| WETHRSFD_WT_PWR 323626 | 13.83 -0.29 -0.42 | 13.33 -0.45 -0.14 | 11.96 -0.46 0.00 | 10.56 -0.40 -0.39 | 10.28 -0.39 -0.23 | 9.14 -0.37 -0.34 | 10.56 -0.41 -0.05 | 13.40 -0.38 -1.11 | 19.84 -0.32 -6.32 | 21.63 -0.12 -7.04 | 25.96 -0.03 -10.43 | 28.02 -0.25 -11.45 | 39.71 -0.02 -19.53 | 43.36 -0.17 -22.11 | 47.03 0.20 -24.79 | 28.74 -0.38 -7.93 | 31.03 -0.30 -8.50 | 33.64 -0.35 -8.66 | 28.47 -0.35 -3.90 | 22.30 -0.24 -0.88 | 19.41 -0.48 -0.09 | 19.07 -0.35 -0.22 | 17.35 -0.35 -0.01 | 14.80 -0.34 -0.36 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 17.03 1.19 -2.14 | 15.50 1.17 -0.69 | 13.47 1.05 0.00 | 13.46 0.91 -1.98 | 12.48 0.89 -1.16 | 11.64 0.76 -1.72 | 12.13 0.94 -0.28 | 13.69 1.03 0.00 | 15.06 1.22 0.00 | 16.14 1.43 0.00 | 17.13 1.57 0.00 | 18.65 1.83 0.00 | 22.46 2.26 0.00 | 23.84 2.42 0.00 | 24.49 2.45 0.00 | 25.21 2.39 -1.63 | 34.73 2.56 -9.34 | 29.15 2.89 -0.92 | 27.66 2.74 0.00 | 24.41 2.36 -0.39 | 22.18 2.06 -0.33 | 21.30 2.03 -0.06 | 19.52 1.84 0.00 | 18.08 1.46 -1.84 |
| YORK___WARBASSE 23770 | 17.51 1.59 -2.22 | 15.89 1.53 -0.72 | 13.81 1.39 -0.01 | 13.82 1.19 -2.05 | 12.80 1.16 -1.21 | 11.93 0.98 -1.78 | 12.36 1.15 -0.29 | 13.95 1.27 -0.02 | 15.56 1.51 -0.21 | 17.47 1.75 -1.00 | 19.38 1.94 -1.88 | 21.70 2.30 -2.58 | 27.07 2.85 -4.03 | 27.08 3.02 -2.64 | 28.29 3.11 -3.14 | 40.46 3.05 -16.22 | 40.52 3.24 -14.45 | 54.57 3.62 -25.61 | 46.05 3.46 -17.68 | 27.58 2.99 -2.93 | 29.13 2.61 -6.72 | 28.97 2.55 -7.22 | 21.55 2.26 -1.60 | 18.60 1.89 -1.93 |