

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/14/2019

| Name | PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|-------------------------------|------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 59TH STREET_GT_1 24138 | | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.08 2.53 -0.01 | 23.31 2.54 -0.25 | 26.32 2.90 -0.03 | 28.10 3.01 -0.58 | 29.44 3.19 -0.93 | 29.98 3.30 -0.07 | 30.55 3.38 -0.11 | 30.71 3.36 -0.21 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.42 3.27 0.00 | 27.06 2.97 -0.28 | 25.78 2.75 -0.28 | 23.40 2.57 -0.88 | 21.19 2.23 -1.54 | 19.08 2.03 -0.98 |
| 74TH STREET_GT_1 24260 | | 21.38 2.38 0.00 | 19.78 2.13 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.90 2.15 -0.12 | 21.71 2.37 -0.09 | 23.12 2.57 -0.02 | 23.33 2.54 -0.26 | 26.35 2.92 -0.03 | 28.17 3.04 -0.62 | 29.51 3.19 -0.99 | 30.02 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.23 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.48 3.32 0.00 | 27.13 3.02 -0.30 | 25.84 2.80 -0.30 | 23.48 2.59 -0.94 | 21.33 2.26 -1.64 | 19.12 2.06 -0.99 |
| 74TH STREET_GT_2 24261 | | 21.38 2.38 0.00 | 19.78 2.13 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.90 2.15 -0.12 | 21.71 2.37 -0.09 | 23.12 2.57 -0.02 | 23.33 2.54 -0.26 | 26.35 2.92 -0.03 | 28.17 3.04 -0.62 | 29.51 3.19 -0.99 | 30.02 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.23 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.48 3.32 0.00 | 27.13 3.02 -0.30 | 25.84 2.80 -0.30 | 23.48 2.59 -0.94 | 21.33 2.26 -1.64 | 19.12 2.06 -0.99 |
| ADK HUDSON___FALLS 24011 | | 20.83 1.82 0.00 | 19.29 1.64 0.00 | 16.99 1.43 0.00 | 16.58 1.37 0.00 | 16.40 1.37 0.00 | 18.74 1.56 0.00 | 19.27 1.64 0.00 | 21.19 1.94 0.00 | 22.74 2.20 0.00 | 22.74 2.22 0.00 | 25.68 2.29 0.00 | 26.94 2.43 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.61 2.54 0.00 | 29.77 2.63 0.00 | 31.33 2.77 0.00 | 31.60 2.87 0.00 | 28.95 2.80 0.00 | 26.28 2.48 0.00 | 25.21 2.46 0.00 | 22.10 2.15 0.00 | 19.24 1.81 0.00 | 18.83 1.59 -1.16 |
| ADK RESOURCE___RCVRY 23798 | | 20.89 1.88 0.00 | 19.32 1.68 0.00 | 17.02 1.46 0.00 | 16.61 1.40 0.00 | 16.43 1.40 0.00 | 18.79 1.61 0.00 | 19.34 1.71 0.00 | 21.27 2.02 0.00 | 22.84 2.30 0.00 | 22.82 2.30 0.00 | 25.78 2.39 0.00 | 27.04 2.53 0.00 | 27.93 2.61 0.00 | 29.33 2.72 0.00 | 29.72 2.65 0.00 | 29.87 2.74 0.00 | 31.48 2.91 0.00 | 31.75 3.02 0.00 | 29.11 2.95 0.00 | 26.40 2.59 0.00 | 25.34 2.59 0.00 | 22.20 2.25 0.00 | 19.31 1.88 0.00 | 18.89 1.66 -1.16 |
| ADK S GLENS___FALLS 24028 | | 20.83 1.82 0.00 | 19.29 1.64 0.00 | 16.99 1.43 0.00 | 16.58 1.37 0.00 | 16.40 1.37 0.00 | 18.74 1.56 0.00 | 19.27 1.64 0.00 | 21.19 1.94 0.00 | 22.74 2.20 0.00 | 22.74 2.22 0.00 | 25.68 2.29 0.00 | 26.94 2.43 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.61 2.54 0.00 | 29.77 2.63 0.00 | 31.33 2.77 0.00 | 31.60 2.87 0.00 | 28.95 2.80 0.00 | 26.28 2.48 0.00 | 25.21 2.46 0.00 | 22.10 2.15 0.00 | 19.24 1.81 0.00 | 18.83 1.59 -1.16 |
| ADK_NYS___DAM 23527 | | 20.79 1.79 0.00 | 19.23 1.59 0.00 | 16.99 1.43 0.00 | 16.55 1.34 0.00 | 16.42 1.38 0.00 | 18.67 1.49 0.00 | 19.20 1.57 0.00 | 21.19 1.94 0.00 | 22.66 2.12 0.00 | 22.63 2.11 0.00 | 25.75 2.36 0.00 | 26.91 2.40 0.00 | 27.83 2.51 0.00 | 29.15 2.53 0.00 | 29.55 2.49 0.00 | 29.66 2.52 0.00 | 31.25 2.68 0.00 | 31.46 2.73 0.00 | 28.59 2.43 0.00 | 26.02 2.21 0.00 | 24.84 2.09 0.00 | 21.84 1.90 0.00 | 19.11 1.69 0.00 | 18.68 1.50 -1.10 |
| AIR_PRODUCTS___DRP 24190 | | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| ALBANY___1 23571 | | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| ALBANY___2 23572 | | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| ALBANY___3 23573 | | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| ALBANY___4 23574 | | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ALBANY___LFGE 323615 | 20.43 1.43 0.00 | 18.93 1.29 0.00 | 16.69 1.14 0.00 | 16.29 1.08 0.00 | 16.13 1.10 0.00 | 18.38 1.20 0.00 | 18.62 0.99 0.00 | 20.41 1.15 0.00 | 21.83 1.29 0.00 | 21.83 1.31 0.00 | 24.89 1.50 0.00 | 26.03 1.52 0.00 | 26.92 1.60 0.00 | 28.24 1.62 0.00 | 28.72 1.65 0.00 | 28.82 1.68 0.00 | 30.33 1.77 0.00 | 30.54 1.81 0.00 | 27.83 1.68 0.00 | 25.30 1.50 0.00 | 24.16 1.41 0.00 | 21.24 1.30 0.00 | 18.66 1.24 0.00 | 18.27 1.08 -1.11 |
| ALCOA_RYNLDS___DRP 24188 | 17.77 -1.24 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.31 -0.90 0.00 | 14.13 -0.90 0.00 | 16.14 -1.03 0.00 | 16.59 -1.04 0.00 | 18.21 -1.04 0.00 | 19.41 -1.13 0.00 | 19.43 -1.09 0.00 | 22.13 -1.26 0.00 | 23.24 -1.28 0.00 | 23.91 -1.42 0.00 | 25.15 -1.46 0.00 | 25.55 -1.52 0.00 | 25.56 -1.57 0.00 | 26.94 -1.63 0.00 | 27.21 -1.52 0.00 | 24.69 -1.46 0.00 | 22.54 -1.26 0.00 | 21.59 -1.16 0.00 | 18.83 -1.12 0.00 | 16.47 -0.96 0.00 | 15.20 -0.88 0.00 |
| ALCOA___DSASP 323711 | 17.77 -1.24 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.31 -0.90 0.00 | 14.13 -0.90 0.00 | 16.14 -1.03 0.00 | 16.59 -1.04 0.00 | 18.21 -1.04 0.00 | 19.41 -1.13 0.00 | 19.43 -1.09 0.00 | 22.13 -1.26 0.00 | 23.24 -1.28 0.00 | 23.91 -1.42 0.00 | 25.15 -1.46 0.00 | 25.55 -1.52 0.00 | 25.56 -1.57 0.00 | 26.94 -1.63 0.00 | 27.21 -1.52 0.00 | 24.69 -1.46 0.00 | 22.54 -1.26 0.00 | 21.59 -1.16 0.00 | 18.83 -1.12 0.00 | 16.47 -0.96 0.00 | 15.20 -0.88 0.00 |
| ALLEGHENY___COGEN 23514 | 19.92 0.91 0.00 | 18.37 0.72 0.00 | 16.13 0.58 0.00 | 15.91 0.70 0.00 | 15.71 0.68 0.00 | 18.15 0.98 0.00 | 18.56 0.93 0.00 | 20.50 0.75 -0.50 | 22.03 0.64 -0.85 | 21.36 0.53 -0.31 | 24.36 0.73 -0.24 | 25.51 0.81 -0.19 | 26.38 0.86 -0.20 | 27.69 0.99 -0.09 | 28.44 1.05 -0.32 | 28.30 1.03 -0.14 | 30.26 1.14 -0.55 | 29.42 0.69 0.00 | 26.70 0.76 0.22 | 24.10 0.62 0.32 | 23.69 0.77 -0.17 | 20.18 0.46 0.22 | 17.88 0.33 -0.13 | 16.68 0.42 -0.18 |
| ALTONA_WT_PWR 323606 | 18.06 -0.95 0.00 | 16.80 -0.85 0.00 | 14.86 -0.70 0.00 | 14.54 -0.67 0.00 | 14.37 -0.66 0.00 | 16.44 -0.74 0.00 | 16.91 -0.72 0.00 | 18.62 -0.63 0.00 | 19.88 -0.66 0.00 | 19.88 -0.64 0.00 | 22.64 -0.75 0.00 | 23.80 -0.71 0.00 | 24.49 -0.84 0.00 | 25.76 -0.85 0.00 | 26.17 -0.89 0.00 | 26.18 -0.95 0.00 | 27.62 -0.94 0.00 | 27.93 -0.80 0.00 | 25.29 -0.86 0.00 | 23.06 -0.74 0.00 | 22.04 -0.71 0.00 | 19.19 -0.76 0.00 | 16.80 -0.63 0.00 | 15.50 -0.58 0.00 |
| AMERICAN_REF_FUEL 24010 | 18.82 -0.19 0.00 | 17.36 -0.28 0.00 | 15.26 -0.30 0.00 | 15.09 -0.12 0.00 | 14.90 -0.14 0.00 | 17.17 0.00 0.00 | 17.31 -0.32 0.00 | 37.24 -0.41 -18.40 | 51.41 -0.53 -31.40 | 17.78 -0.68 2.06 | 19.66 -0.87 2.86 | 20.54 -0.86 3.11 | 20.74 -0.86 3.72 | 21.75 -0.93 3.94 | 22.50 -0.97 3.59 | 22.38 -1.11 3.64 | 21.66 -1.14 5.76 | 23.91 -1.64 3.19 | 23.36 -1.23 1.57 | 20.78 -1.29 1.74 | 19.56 -1.09 2.10 | 17.43 -1.04 1.47 | 15.78 -0.80 0.85 | 15.55 -0.45 0.08 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 19.99 0.99 0.00 | 18.42 0.78 0.00 | 16.18 0.62 0.00 | 15.94 0.73 0.00 | 15.72 0.69 0.00 | 18.26 1.08 0.00 | 18.56 0.93 0.00 | 23.73 1.04 -3.44 | 27.46 1.05 -5.87 | 57.77 0.64 -36.61 | 71.37 0.61 -47.37 | 75.32 0.69 -50.12 | 85.47 0.73 -59.41 | 87.20 0.74 -59.84 | 87.21 0.73 -59.42 | 84.39 0.57 -56.69 | 95.87 0.60 -66.70 | 77.11 0.09 -48.29 | 46.03 0.39 -19.49 | 44.12 0.17 -20.16 | 58.11 0.25 -35.11 | 38.08 0.14 -18.00 | 32.83 0.19 -15.22 | 20.44 0.50 -3.86 |
| ARTHUR_KILL_GT_1 23520 | 21.45 2.43 -0.01 | 19.84 2.19 -0.01 | 17.43 1.87 -0.01 | 16.93 1.72 -0.01 | 16.74 1.70 -0.01 | 19.09 1.91 -0.01 | 19.81 2.06 -0.12 | 21.58 2.25 -0.08 | 23.01 2.46 -0.01 | 24.10 2.48 -1.10 | 31.92 2.88 -5.65 | 29.36 3.01 -1.84 | 32.30 3.14 -3.84 | 32.30 3.25 -2.44 | 33.99 3.36 -3.57 | 34.18 3.36 -3.68 | 34.72 3.54 -2.62 | 35.42 3.62 -3.07 | 32.30 3.30 -2.85 | 31.92 3.00 -5.12 | 31.92 2.77 -6.40 | 28.61 2.57 -6.09 | 31.92 2.25 -12.25 | 19.49 2.03 -1.38 |
| ARTHUR_KILL_2 23512 | 21.45 2.43 -0.01 | 19.84 2.19 -0.01 | 17.43 1.87 -0.01 | 16.93 1.72 -0.01 | 16.74 1.70 -0.01 | 19.09 1.91 -0.01 | 19.81 2.06 -0.12 | 21.58 2.25 -0.08 | 23.01 2.46 -0.01 | 24.10 2.48 -1.10 | 31.92 2.88 -5.65 | 29.36 3.01 -1.84 | 32.30 3.14 -3.84 | 32.30 3.25 -2.44 | 33.99 3.36 -3.57 | 34.18 3.36 -3.68 | 34.72 3.54 -2.62 | 35.42 3.62 -3.07 | 32.30 3.30 -2.85 | 31.92 3.00 -5.12 | 31.92 2.77 -6.40 | 28.61 2.57 -6.09 | 31.92 2.25 -12.25 | 19.49 2.03 -1.38 |
| ARTHUR_KILL_3 23513 | 21.31 2.30 0.00 | 19.73 2.08 0.00 | 17.39 1.83 0.00 | 16.91 1.70 0.00 | 16.70 1.67 0.00 | 19.08 1.91 0.00 | 19.85 2.10 -0.12 | 21.61 2.27 -0.09 | 23.00 2.44 -0.02 | 24.07 2.44 -1.11 | 31.83 2.78 -5.66 | 29.26 2.92 -1.83 | 32.23 3.06 -3.84 | 32.20 3.14 -2.44 | 33.83 3.19 -3.58 | 34.02 3.20 -3.69 | 34.56 3.37 -2.62 | 35.23 3.42 -3.08 | 32.15 3.14 -2.86 | 31.79 2.88 -5.11 | 31.80 2.66 -6.39 | 28.54 2.51 -6.09 | 31.86 2.20 -12.24 | 19.44 1.99 -1.37 |
| ARTHUR_KILL_COGEN 323718 | 21.45 2.43 -0.01 | 19.84 2.19 -0.01 | 17.43 1.87 -0.01 | 16.93 1.72 -0.01 | 16.74 1.70 -0.01 | 19.09 1.91 -0.01 | 19.81 2.06 -0.12 | 21.58 2.25 -0.08 | 23.01 2.46 -0.01 | 24.10 2.48 -1.10 | 31.92 2.88 -5.65 | 29.36 3.01 -1.84 | 32.30 3.14 -3.84 | 32.30 3.25 -2.44 | 33.99 3.36 -3.57 | 34.18 3.36 -3.68 | 34.72 3.54 -2.62 | 35.42 3.62 -3.07 | 32.30 3.30 -2.85 | 31.92 3.00 -5.12 | 31.92 2.77 -6.40 | 28.61 2.57 -6.09 | 31.92 2.25 -12.25 | 19.49 2.03 -1.38 |
| ASHOKAN____ 23654 | 20.57 1.56 0.00 | 19.20 1.55 0.00 | 16.91 1.35 0.00 | 16.45 1.25 0.00 | 16.31 1.28 0.00 | 18.60 1.42 0.00 | 19.11 1.48 0.00 | 20.66 1.40 0.00 | 22.16 1.62 0.00 | 22.10 1.58 0.00 | 25.33 1.94 0.00 | 26.50 1.98 0.00 | 27.50 2.18 0.00 | 28.99 2.37 0.00 | 29.50 2.44 0.00 | 29.74 2.61 0.00 | 31.31 2.74 0.00 | 31.60 2.87 0.00 | 28.79 2.64 0.00 | 26.11 2.31 0.00 | 24.71 1.96 0.00 | 21.76 1.81 0.00 | 18.90 1.48 0.00 | 18.37 1.38 -0.91 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 21.39 2.38 -0.01 | 19.84 2.19 -0.01 | 17.46 1.90 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.64 2.31 -0.08 | 23.05 2.50 -0.01 | 23.35 2.59 -0.25 | 26.39 2.97 -0.02 | 28.19 3.09 -0.59 | 29.52 3.24 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.35 3.62 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.50 2.63 -0.92 | 21.33 2.30 -1.60 | 19.15 2.09 -0.98 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 21.39 2.38 -0.01 | 19.84 2.19 -0.01 | 17.46 1.90 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.64 2.31 -0.08 | 23.05 2.50 -0.01 | 23.35 2.59 -0.25 | 26.39 2.97 -0.02 | 28.19 3.09 -0.59 | 29.52 3.24 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.35 3.62 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.50 2.63 -0.92 | 21.33 2.30 -1.60 | 19.15 2.09 -0.98 |
| ASTORIA_GT2_I 24094 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT2_2 24095 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT2_3 24096 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT2_4 24097 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT3_1 24098 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT3_2 24099 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT3_3 24100 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT3_4 24101 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT4_1 24102 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT4_2 24103 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT4_3 24104 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT4_4 24105 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT_1 23523 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.81 1.77 -0.01 | 19.24 2.06 -0.01 | 19.90 2.15 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.37 2.61 -0.25 | 26.39 2.97 -0.02 | 28.21 3.11 -0.59 | 29.55 3.27 -0.95 | 30.03 3.35 -0.06 | 30.58 3.41 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.40 3.24 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.52 2.65 -0.92 | 21.34 2.32 -1.60 | 19.16 2.11 -0.98 |
| ASTORIA_GT_10 24110 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 26.43 2.59 -3.33 | 28.35 2.95 -2.01 | 28.19 3.06 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.51 3.35 -0.01 | 27.15 3.05 -0.30 | 26.35 2.82 -0.78 | 23.52 2.63 -0.94 | 21.35 2.28 -1.64 | 20.58 2.11 -2.39 |
| ASTORIA_GT_11 24225 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 26.43 2.59 -3.33 | 28.35 2.95 -2.01 | 28.19 3.06 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.51 3.35 -0.01 | 27.15 3.05 -0.30 | 26.35 2.82 -0.78 | 23.52 2.63 -0.94 | 21.35 2.28 -1.64 | 20.58 2.11 -2.39 |
| ASTORIA_GT_12 24226 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 26.43 2.59 -3.33 | 28.35 2.95 -2.01 | 28.19 3.06 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.51 3.35 -0.01 | 27.15 3.05 -0.30 | 26.35 2.82 -0.78 | 23.52 2.63 -0.94 | 21.35 2.28 -1.64 | 20.58 2.11 -2.39 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| ASTORIA_GT_13 24227 | 21.43 | 19.84 | 17.50 | 17.01 | 16.81 | 19.19 | 19.92 | 21.74 | 23.14 | 26.43 | 28.35 | 28.19 | 29.56 | 30.35 | 30.84 | 30.81 | 32.17 | 32.41 | 29.51 | 27.15 | 26.35 | 23.52 | 21.35 | 20.58 |
| | 2.41 | 2.19 | 1.93 | 1.79 | 1.77 | 2.01 | 2.17 | 2.41 | 2.59 | 2.59 | 2.95 | 3.06 | 3.24 | 3.35 | 3.44 | 3.45 | 3.60 | 3.68 | 3.35 | 3.05 | 2.82 | 2.63 | 2.28 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.09 | -0.02 | -3.33 | -2.01 | -0.62 | -0.99 | -0.38 | -0.33 | -0.23 | -0.01 | 0.00 | -0.01 | -0.30 | -0.78 | -0.94 | -1.64 | -2.39 |
| ASTORIA_GT_5 24106 | 21.41 | 19.84 | 17.48 | 16.99 | 16.81 | 19.24 | 19.90 | 21.66 | 23.07 | 23.37 | 26.39 | 28.21 | 29.55 | 30.03 | 30.58 | 30.69 | 32.08 | 32.38 | 29.40 | 27.07 | 25.81 | 23.52 | 21.34 | 19.16 |
| | 2.39 | 2.19 | 1.91 | 1.78 | 1.77 | 2.06 | 2.15 | 2.33 | 2.53 | 2.61 | 2.97 | 3.11 | 3.27 | 3.35 | 3.41 | 3.34 | 3.51 | 3.65 | 3.24 | 2.97 | 2.77 | 2.65 | 2.32 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.08 | -0.01 | -0.25 | -0.02 | -0.59 | -0.95 | -0.06 | -0.11 | -0.22 | -0.01 | 0.00 | -0.01 | -0.29 | -0.29 | -0.92 | -1.60 | -0.98 |
| ASTORIA_GT_7 24107 | 21.41 | 19.84 | 17.48 | 16.99 | 16.81 | 19.24 | 19.90 | 21.66 | 23.07 | 23.37 | 26.39 | 28.21 | 29.55 | 30.03 | 30.58 | 30.69 | 32.08 | 32.38 | 29.40 | 27.07 | 25.81 | 23.52 | 21.34 | 19.16 |
| | 2.39 | 2.19 | 1.91 | 1.78 | 1.77 | 2.06 | 2.15 | 2.33 | 2.53 | 2.61 | 2.97 | 3.11 | 3.27 | 3.35 | 3.41 | 3.34 | 3.51 | 3.65 | 3.24 | 2.97 | 2.77 | 2.65 | 2.32 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.08 | -0.01 | -0.25 | -0.02 | -0.59 | -0.95 | -0.06 | -0.11 | -0.22 | -0.01 | 0.00 | -0.01 | -0.29 | -0.29 | -0.92 | -1.60 | -0.98 |
| ASTORIA_GT_8 24108 | 21.41 | 19.84 | 17.48 | 16.99 | 16.81 | 19.24 | 19.90 | 21.66 | 23.07 | 23.37 | 26.39 | 28.21 | 29.55 | 30.03 | 30.58 | 30.69 | 32.08 | 32.38 | 29.40 | 27.07 | 25.81 | 23.52 | 21.34 | 19.16 |
| | 2.39 | 2.19 | 1.91 | 1.78 | 1.77 | 2.06 | 2.15 | 2.33 | 2.53 | 2.61 | 2.97 | 3.11 | 3.27 | 3.35 | 3.41 | 3.34 | 3.51 | 3.65 | 3.24 | 2.97 | 2.77 | 2.65 | 2.32 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.08 | -0.01 | -0.25 | -0.02 | -0.59 | -0.95 | -0.06 | -0.11 | -0.22 | -0.01 | 0.00 | -0.01 | -0.29 | -0.29 | -0.92 | -1.60 | -0.98 |
| ASTORIA___2 24149 | 21.41 | 19.84 | 17.48 | 16.99 | 16.81 | 19.24 | 19.90 | 21.66 | 23.07 | 23.37 | 26.39 | 28.21 | 29.55 | 30.03 | 30.58 | 30.69 | 32.08 | 32.38 | 29.40 | 27.07 | 25.81 | 23.52 | 21.34 | 19.16 |
| | 2.39 | 2.19 | 1.91 | 1.78 | 1.77 | 2.06 | 2.15 | 2.33 | 2.53 | 2.61 | 2.97 | 3.11 | 3.27 | 3.35 | 3.41 | 3.34 | 3.51 | 3.65 | 3.24 | 2.97 | 2.77 | 2.65 | 2.32 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.08 | -0.01 | -0.25 | -0.02 | -0.59 | -0.95 | -0.06 | -0.11 | -0.22 | -0.01 | 0.00 | -0.01 | -0.29 | -0.29 | -0.92 | -1.60 | -0.98 |
| ASTORIA___3 23516 | 21.43 | 19.84 | 17.50 | 17.01 | 16.81 | 19.19 | 19.92 | 21.74 | 23.14 | 26.43 | 28.35 | 28.19 | 29.56 | 30.35 | 30.84 | 30.81 | 32.17 | 32.41 | 29.51 | 27.15 | 26.35 | 23.52 | 21.35 | 20.58 |
| | 2.41 | 2.19 | 1.93 | 1.79 | 1.77 | 2.01 | 2.17 | 2.41 | 2.59 | 2.59 | 2.95 | 3.06 | 3.24 | 3.35 | 3.44 | 3.45 | 3.60 | 3.68 | 3.35 | 3.05 | 2.82 | 2.63 | 2.28 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.09 | -0.02 | -3.33 | -2.01 | -0.62 | -0.99 | -0.38 | -0.33 | -0.23 | -0.01 | 0.00 | -0.01 | -0.30 | -0.78 | -0.94 | -1.64 | -2.39 |
| ASTORIA___4 23517 | 21.41 | 19.84 | 17.48 | 16.99 | 16.81 | 19.24 | 19.90 | 21.66 | 23.07 | 23.37 | 26.39 | 28.21 | 29.55 | 30.03 | 30.58 | 30.69 | 32.08 | 32.38 | 29.40 | 27.07 | 25.81 | 23.52 | 21.34 | 19.16 |
| | 2.39 | 2.19 | 1.91 | 1.78 | 1.77 | 2.06 | 2.15 | 2.33 | 2.53 | 2.61 | 2.97 | 3.11 | 3.27 | 3.35 | 3.41 | 3.34 | 3.51 | 3.65 | 3.24 | 2.97 | 2.77 | 2.65 | 2.32 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.08 | -0.01 | -0.25 | -0.02 | -0.59 | -0.95 | -0.06 | -0.11 | -0.22 | -0.01 | 0.00 | -0.01 | -0.29 | -0.29 | -0.92 | -1.60 | -0.98 |
| ASTORIA___5 23518 | 21.43 | 19.84 | 17.50 | 17.01 | 16.81 | 19.19 | 19.92 | 21.74 | 23.14 | 26.43 | 28.35 | 28.19 | 29.56 | 30.35 | 30.84 | 30.81 | 32.17 | 32.41 | 29.51 | 27.15 | 26.35 | 23.52 | 21.35 | 20.58 |
| | 2.41 | 2.19 | 1.93 | 1.79 | 1.77 | 2.01 | 2.17 | 2.41 | 2.59 | 2.59 | 2.95 | 3.06 | 3.24 | 3.35 | 3.44 | 3.45 | 3.60 | 3.68 | 3.35 | 3.05 | 2.82 | 2.63 | 2.28 | 2.11 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.12 | -0.09 | -0.02 | -3.33 | -2.01 | -0.62 | -0.99 | -0.38 | -0.33 | -0.23 | -0.01 | 0.00 | -0.01 | -0.30 | -0.78 | -0.94 | -1.64 | -2.39 |
| AST_ENERGY_2_CC3 323677 | 21.31 | 19.74 | 17.39 | 16.91 | 16.72 | 19.08 | 19.85 | 21.65 | 23.04 | 23.26 | 26.25 | 28.05 | 29.40 | 29.91 | 30.45 | 30.64 | 32.03 | 32.24 | 29.37 | 27.02 | 25.74 | 23.39 | 21.25 | 19.07 |
| | 2.30 | 2.10 | 1.83 | 1.70 | 1.68 | 1.91 | 2.10 | 2.31 | 2.48 | 2.48 | 2.83 | 2.94 | 3.11 | 3.22 | 3.27 | 3.28 | 3.45 | 3.50 | 3.22 | 2.93 | 2.71 | 2.53 | 2.23 | 2.01 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.12 | -0.09 | -0.02 | -0.26 | -0.03 | -0.60 | -0.96 | -0.07 | -0.11 | -0.22 | -0.01 | 0.00 | 0.00 | -0.29 | -0.29 | -0.91 | -1.59 | -0.98 |
| AST_ENERGY_2_CC4 323678 | 21.31 | 19.74 | 17.39 | 16.91 | 16.72 | 19.08 | 19.85 | 21.65 | 23.04 | 23.26 | 26.25 | 28.05 | 29.40 | 29.91 | 30.45 | 30.64 | 32.03 | 32.24 | 29.37 | 27.02 | 25.74 | 23.39 | 21.25 | 19.07 |
| | 2.30 | 2.10 | 1.83 | 1.70 | 1.68 | 1.91 | 2.10 | 2.31 | 2.48 | 2.48 | 2.83 | 2.94 | 3.11 | 3.22 | 3.27 | 3.28 | 3.45 | 3.50 | 3.22 | 2.93 | 2.71 | 2.53 | 2.23 | 2.01 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.12 | -0.09 | -0.02 | -0.26 | -0.03 | -0.60 | -0.96 | -0.07 | -0.11 | -0.22 | -0.01 | 0.00 | 0.00 | -0.29 | -0.29 | -0.91 | -1.59 | -0.98 |
| ATHENS_STG_1 23668 | 20.36 | 18.86 | 16.63 | 16.20 | 16.02 | 18.27 | 18.79 | 20.56 | 21.96 | 21.93 | 25.00 | 26.15 | 27.07 | 28.40 | 28.88 | 28.98 | 30.51 | 30.69 | 27.96 | 25.44 | 24.27 | 21.38 | 18.70 | 18.16 |
| | 1.35 | 1.22 | 1.07 | 0.99 | 0.99 | 1.10 | 1.16 | 1.31 | 1.42 | 1.41 | 1.61 | 1.64 | 1.75 | 1.78 | 1.81 | 1.85 | 1.94 | 1.95 | 1.80 | 1.64 | 1.52 | 1.44 | 1.27 | 1.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 |
| ATHENS_STG_2 23670 | 20.36 | 18.86 | 16.63 | 16.20 | 16.02 | 18.27 | 18.79 | 20.56 | 21.96 | 21.93 | 25.00 | 26.15 | 27.07 | 28.40 | 28.88 | 28.98 | 30.51 | 30.69 | 27.96 | 25.44 | 24.27 | 21.38 | 18.70 | 18.16 |
| | 1.35 | 1.22 | 1.07 | 0.99 | 0.99 | 1.10 | 1.16 | 1.31 | 1.42 | 1.41 | 1.61 | 1.64 | 1.75 | 1.78 | 1.81 | 1.85 | 1.94 | 1.95 | 1.80 | 1.64 | 1.52 | 1.44 | 1.27 | 1.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 |
| ATHENS_STG_3 23677 | 20.36 | 18.86 | 16.63 | 16.20 | 16.02 | 18.27 | 18.79 | 20.56 | 21.96 | 21.93 | 25.00 | 26.15 | 27.07 | 28.40 | 28.88 | 28.98 | 30.51 | 30.69 | 27.96 | 25.44 | 24.27 | 21.38 | 18.70 | 18.16 |
| | 1.35 | 1.22 | 1.07 | 0.99 | 0.99 | 1.10 | 1.16 | 1.31 | 1.42 | 1.41 | 1.61 | 1.64 | 1.75 | 1.78 | 1.81 | 1.85 | 1.94 | 1.95 | 1.80 | 1.64 | 1.52 | 1.44 | 1.27 | 1.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 |
| AUBURN___LFGE 323710 | 19.37 | 17.96 | 15.79 | 15.48 | 15.29 | 17.54 | 18.02 | 19.62 | 20.95 | 20.87 | 23.83 | 25.05 | 25.91 | 27.31 | 27.77 | 27.84 | 29.19 | 29.19 | 26.57 | 24.18 | 23.18 | 20.22 | 17.62 | 16.37 |
| | 0.36 | 0.32 | 0.23 | 0.27 | 0.26 | 0.36 | 0.39 | 0.36 | 0.41 | 0.35 | 0.44 | 0.54 | 0.58 | 0.69 | 0.70 | 0.70 | 0.63 | 0.46 | 0.42 | 0.38 | 0.43 | 0.28 | 0.19 | 0.18 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.11 |
| BABYLON_RES_REC 323704 | 27.60 | 22.49 | 19.05 | 18.77 | 19.24 | 20.59 | 22.10 | 25.43 | 25.98 | 27.37 | 27.23 | 27.86 | 28.67 | 31.16 | 32.43 | 34.22 | 41.07 | 49.43 | 34.29 | 31.59 | 30.20 | 28.05 | 26.28 | 21.49 |
| | 2.91 | 2.59 | 2.30 | 2.16 | 2.15 | 2.44 | 2.61 | 2.85 | 3.04 | 3.02 | 3.37 | 3.21 | 3.34 | 3.49 | 3.65 | 3.66 | 3.85 | 3.82 | 3.63 | 3.26 | 3.00 | 2.79 | 2.68 | 2.46 |
| | -5.68 | -2.25 | -1.19 | -1.41 | -2.06 | -0.98 | -1.87 | -3.33 | -2.41 | -3.83 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -6.17 | -2.95 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| BARRETT_IC_1 23704 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_10 23701 | 80.49 2.55 -58.93 | 43.28 2.28 -23.36 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.47 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_11 23702 | 80.49 2.55 -58.93 | 43.28 2.28 -23.36 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.47 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_12 23703 | 80.49 2.55 -58.93 | 43.28 2.28 -23.36 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.47 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_2 23705 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_3 23706 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_4 23707 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_5 23708 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_6 23709 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_7 23710 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_8 23711 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT_IC_9 23700 | 80.49 2.55 -58.93 | 43.28 2.28 -23.36 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.47 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT___1 23545 | 80.47 2.55 -58.92 | 43.28 2.28 -23.35 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.46 2.32 -34.72 | 30.83 2.14 -12.61 |
| BARRETT___2 23546 | 80.49 2.55 -58.93 | 43.28 2.28 -23.36 | 28.36 2.01 -10.79 | 28.09 1.89 -11.00 | 28.36 1.86 -11.46 | 28.36 2.11 -9.07 | 28.94 2.26 -9.05 | 28.94 2.45 -7.24 | 29.79 2.63 -6.62 | 30.09 2.61 -6.96 | 26.76 2.90 -0.47 | 27.67 3.01 -0.14 | 28.41 3.09 0.00 | 30.90 3.22 -1.06 | 32.14 3.36 -1.72 | 33.92 3.36 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.88 2.61 -5.32 | 54.47 2.32 -34.72 | 30.83 2.14 -12.61 |
| BAYONEEC___CTG1 323682 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |

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|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG2 323683 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG3 323684 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG4 323685 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG5 323686 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG6 323687 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG7 323688 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG8 323689 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BAYONEEC___CTG9 323749 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.28 2.50 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.43 3.14 -0.96 | 29.93 3.25 -0.07 | 30.48 3.30 -0.11 | 30.66 3.31 -0.22 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 27.04 2.95 -0.29 | 25.77 2.73 -0.29 | 23.43 2.57 -0.91 | 21.25 2.23 -1.59 | 19.10 2.04 -0.98 |
| BEACON___LESR 323632 | 20.45 1.44 0.00 | 18.93 1.29 0.00 | 16.69 1.14 0.00 | 16.27 1.06 0.00 | 16.12 1.08 0.00 | 18.36 1.18 0.00 | 18.60 0.97 0.00 | 20.41 1.15 0.00 | 21.83 1.29 0.00 | 21.83 1.31 0.00 | 24.89 1.50 0.00 | 26.06 1.55 0.00 | 26.92 1.60 0.00 | 28.27 1.65 0.00 | 28.72 1.65 0.00 | 28.82 1.68 0.00 | 30.36 1.80 0.00 | 30.57 1.84 0.00 | 27.83 1.68 0.00 | 25.33 1.52 0.00 | 24.18 1.43 0.00 | 21.26 1.32 0.00 | 18.68 1.26 0.00 | 18.27 1.11 -1.09 |
| BEAVER RIVER___HYD 24048 | 19.14 0.13 0.00 | 17.75 0.11 0.00 | 15.62 0.06 0.00 | 15.31 0.11 0.00 | 15.11 0.08 0.00 | 17.36 0.19 0.00 | 17.88 0.25 0.00 | 19.56 0.31 0.00 | 20.91 0.37 0.00 | 20.95 0.43 0.00 | 24.01 0.59 -0.03 | 25.17 0.61 -0.05 | 25.84 0.46 -0.06 | 27.20 0.50 -0.08 | 27.67 0.57 -0.04 | 27.72 0.51 -0.07 | 28.99 0.43 0.00 | 29.10 0.37 0.00 | 26.55 0.39 0.00 | 24.23 0.43 0.00 | 23.32 0.57 0.00 | 20.34 0.40 0.00 | 17.67 0.24 0.00 | 16.24 0.14 -0.02 |
| BEEBEE_GT_13 23619 | 19.22 0.21 0.00 | 17.77 0.12 0.00 | 15.62 0.06 0.00 | 15.39 0.18 0.00 | 15.20 0.17 0.00 | 17.50 0.33 0.00 | 17.81 0.18 0.00 | 18.79 -0.06 0.41 | 19.64 -0.21 0.70 | 19.56 -0.21 0.76 | 22.03 -0.16 1.20 | 23.01 -0.15 1.35 | 23.56 -0.13 1.64 | 24.73 -0.08 1.81 | 25.55 -0.05 1.46 | 25.44 -0.08 1.62 | 27.15 -0.03 1.38 | 26.80 -0.40 1.53 | 24.96 -0.29 0.91 | 22.42 -0.31 1.07 | 21.69 -0.18 0.88 | 18.80 -0.28 0.87 | 16.86 -0.26 0.31 | 15.99 -0.11 -0.03 |
| BETHLEHEM___GRP 23843 | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| BETHLEHEM___GS1 323560 | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| BETHLEHEM___GS2 323561 | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|
| BETHLEHEM___GS3 323562 | 20.28 1.27 0.00 | 18.81 1.16 0.00 | 16.58 1.03 0.00 | 16.17 0.96 0.00 | 16.01 0.98 0.00 | 18.24 1.07 0.00 | 18.39 0.76 0.00 | 20.14 0.89 0.00 | 21.55 1.01 0.00 | 21.52 1.01 0.00 | 24.54 1.15 0.00 | 25.69 1.18 0.00 | 26.54 1.22 0.00 | 27.87 1.25 0.00 | 28.31 1.25 0.00 | 28.41 1.28 0.00 | 29.91 1.34 0.00 | 30.11 1.38 0.00 | 27.44 1.28 0.00 | 24.94 1.14 0.00 | 23.82 1.07 0.00 | 20.96 1.02 0.00 | 18.47 1.05 0.00 | 18.07 0.90 -1.09 |
| BETHLEHEM___STEEL 23779 | 19.63 0.63 0.00 | 18.10 0.46 0.00 | 15.92 0.36 0.00 | 15.68 0.47 0.00 | 15.47 0.44 0.00 | 17.90 0.72 0.00 | 18.18 0.55 0.00 | 24.17 0.58 -4.34 | 28.48 0.53 -7.41 | 65.34 0.21 -44.61 | 81.28 0.14 -57.75 | 85.85 0.22 -61.12 | 98.03 0.25 -72.45 | 99.85 0.24 -73.00 | 99.75 0.24 -72.44 | 96.38 0.11 -69.14 | 109.56 0.14 -80.85 | 87.28 -0.37 -58.92 | 49.89 -0.08 -23.81 | 48.21 -0.24 -24.65 | 65.44 -0.11 -42.81 | 41.76 -0.18 -21.99 | 35.91 -0.05 -18.54 | 20.98 0.24 -4.66 |
| BETHPAGE_CC_5 323564 | 28.62 2.81 -6.80 | 22.86 2.52 -2.69 | 19.17 2.22 -1.39 | 18.91 2.10 -1.61 | 19.36 2.08 -2.25 | 20.68 2.35 -1.15 | 22.16 2.52 -2.01 | 25.42 2.75 -3.41 | 25.99 2.96 -2.49 | 27.35 2.93 -3.90 | 27.09 3.23 -0.47 | 27.89 3.24 -0.14 | 28.72 3.39 0.00 | 31.22 3.54 -1.06 | 32.46 3.68 -1.72 | 34.19 3.64 -3.42 | 41.04 3.83 -8.65 | 49.46 3.85 -16.87 | 34.24 3.58 -4.51 | 31.59 3.26 -4.52 | 30.22 3.03 -4.45 | 28.07 2.81 -5.31 | 26.75 2.56 -6.77 | 21.62 2.40 -3.15 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 19.77 0.76 0.00 | 18.21 0.56 0.00 | 16.01 0.45 0.00 | 15.77 0.56 0.00 | 15.56 0.53 0.00 | 18.02 0.84 0.00 | 18.30 0.67 0.00 | 24.36 0.73 -4.38 | 28.71 0.70 -7.47 | 63.30 0.35 -42.43 | 78.59 0.28 -54.91 | 82.99 0.37 -58.12 | 94.62 0.40 -68.89 | 96.45 0.42 -69.40 | 96.38 0.43 -68.88 | 93.14 0.27 -65.74 | 106.42 0.34 -77.52 | 84.58 -0.17 -56.02 | 48.92 0.13 -22.63 | 47.15 0.13 -23.42 | 63.50 0.05 -40.70 | 40.81 -0.04 -20.90 | 35.13 0.07 -17.63 | 20.89 0.37 -4.44 |
| BINGHAMTON___COGEN 23790 | 19.73 0.72 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.54 0.51 0.00 | 17.84 0.67 0.00 | 18.30 0.67 0.00 | 20.09 0.65 -0.18 | 21.55 0.70 -0.31 | 21.07 0.55 0.00 | 23.98 0.63 0.05 | 25.13 0.69 0.07 | 25.97 0.73 0.09 | 27.29 0.80 0.12 | 27.82 0.81 0.05 | 27.85 0.81 0.10 | 29.39 0.83 0.00 | 29.29 0.69 0.13 | 26.77 0.73 0.12 | 24.29 0.64 0.15 | 23.35 0.64 0.04 | 20.37 0.54 0.12 | 17.90 0.47 0.00 | 16.87 0.51 -0.28 |
| BLACK RIVER___HYD 24047 | 19.41 0.40 0.00 | 17.98 0.33 0.00 | 15.82 0.26 0.00 | 15.51 0.30 0.00 | 15.30 0.27 0.00 | 17.62 0.45 0.00 | 18.14 0.51 0.00 | 19.85 0.60 0.00 | 21.24 0.70 0.00 | 21.30 0.78 0.00 | 24.46 1.01 -0.07 | 25.66 1.05 -0.10 | 26.36 0.91 -0.13 | 27.72 0.93 -0.17 | 28.19 1.05 -0.07 | 28.33 1.06 -0.14 | 29.53 0.97 0.00 | 29.76 0.86 -0.17 | 27.18 0.86 -0.16 | 24.86 0.86 -0.20 | 23.80 1.00 -0.05 | 20.84 0.74 -0.16 | 17.91 0.49 0.00 | 16.47 0.35 -0.03 |
| BLISS_WT_PWR 323608 | 19.75 0.74 0.00 | 18.21 0.56 0.00 | 16.01 0.45 0.00 | 15.75 0.55 0.00 | 15.56 0.53 0.00 | 18.05 0.88 0.00 | 18.39 0.76 0.00 | 23.77 0.85 -3.68 | 27.63 0.82 -6.27 | 56.35 0.33 -35.51 | 69.56 0.23 -45.94 | 73.41 0.30 -48.61 | 83.27 0.33 -57.61 | 84.97 0.32 -58.03 | 85.01 0.33 -57.62 | 82.27 0.16 -54.97 | 93.67 0.20 -64.91 | 75.28 -0.29 -46.83 | 45.10 0.05 -18.89 | 43.20 -0.14 -19.54 | 56.73 -0.07 -34.05 | 37.29 -0.10 -17.45 | 32.22 0.03 -14.76 | 20.20 0.37 -3.75 |
| BLUE_CIRC_CHEM_DRP 24182 | 20.26 1.25 0.00 | 18.78 1.13 0.00 | 16.55 1.00 0.00 | 16.15 0.94 0.00 | 15.98 0.95 0.00 | 18.22 1.05 0.00 | 18.55 0.92 0.00 | 20.29 1.04 0.00 | 21.71 1.17 0.00 | 21.69 1.17 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.05 1.44 0.00 | 28.50 1.43 0.00 | 28.60 1.46 0.00 | 30.10 1.54 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.13 1.33 0.00 | 24.00 1.25 0.00 | 21.10 1.16 0.00 | 18.52 1.10 0.00 | 18.12 0.96 -1.07 |
| BOC_GAS_DRP 24189 | 20.17 1.16 0.00 | 18.70 1.06 0.00 | 16.49 0.93 0.00 | 16.07 0.87 0.00 | 15.92 0.89 0.00 | 18.14 0.96 0.00 | 18.51 0.88 0.00 | 20.27 1.02 0.00 | 21.67 1.13 0.00 | 21.65 1.13 0.00 | 24.65 1.26 0.00 | 25.81 1.30 0.00 | 26.69 1.37 0.00 | 28.00 1.38 0.00 | 28.47 1.41 0.00 | 28.54 1.41 0.00 | 30.05 1.48 0.00 | 30.25 1.52 0.00 | 27.57 1.41 0.00 | 25.06 1.26 0.00 | 23.93 1.18 0.00 | 21.06 1.12 0.00 | 18.47 1.05 0.00 | 18.10 0.93 -1.08 |
| BORALEX_4TH_BRANCH 23824 | 20.79 1.79 0.00 | 19.23 1.59 0.00 | 16.99 1.43 0.00 | 16.55 1.34 0.00 | 16.42 1.38 0.00 | 18.67 1.49 0.00 | 19.20 1.57 0.00 | 21.19 1.94 0.00 | 22.66 2.12 0.00 | 22.63 2.11 0.00 | 25.75 2.36 0.00 | 26.91 2.40 0.00 | 27.83 2.51 0.00 | 29.15 2.53 0.00 | 29.55 2.49 0.00 | 29.66 2.52 0.00 | 31.25 2.68 0.00 | 31.46 2.73 0.00 | 28.59 2.43 0.00 | 26.02 2.21 0.00 | 24.84 2.09 0.00 | 21.84 1.90 0.00 | 19.11 1.69 0.00 | 18.68 1.50 -1.10 |
| BOWLINE___1 23526 | 20.89 1.88 0.00 | 19.36 1.71 0.00 | 17.05 1.49 0.00 | 16.59 1.38 0.00 | 16.40 1.37 0.00 | 18.72 1.55 0.00 | 19.32 1.69 0.00 | 21.08 1.83 0.00 | 22.53 1.99 0.00 | 22.49 1.97 0.00 | 25.64 2.25 0.00 | 26.84 2.33 0.00 | 27.81 2.48 0.00 | 29.17 2.56 0.00 | 29.69 2.62 0.00 | 29.77 2.63 0.00 | 31.36 2.80 0.00 | 31.58 2.85 0.00 | 28.77 2.62 0.00 | 26.18 2.38 0.00 | 24.91 2.16 0.00 | 22.00 2.05 0.00 | 19.22 1.80 0.00 | 18.56 1.66 -0.82 |
| BOWLINE___2 23595 | 20.89 1.88 0.00 | 19.36 1.71 0.00 | 17.05 1.49 0.00 | 16.59 1.38 0.00 | 16.40 1.37 0.00 | 18.72 1.55 0.00 | 19.32 1.69 0.00 | 21.08 1.83 0.00 | 22.53 1.99 0.00 | 22.49 1.97 0.00 | 25.64 2.25 0.00 | 26.84 2.33 0.00 | 27.81 2.48 0.00 | 29.17 2.56 0.00 | 29.69 2.62 0.00 | 29.77 2.63 0.00 | 31.36 2.80 0.00 | 31.58 2.85 0.00 | 28.77 2.62 0.00 | 26.18 2.38 0.00 | 24.91 2.16 0.00 | 22.00 2.05 0.00 | 19.22 1.80 0.00 | 18.56 1.66 -0.82 |
| BROOKHAVEN___DRP 24191 | 24.39 3.14 -2.25 | 21.23 2.70 -0.89 | 18.66 2.54 -0.57 | 18.39 2.39 -0.79 | 18.84 2.36 -1.45 | 20.29 2.66 -0.46 | 21.87 2.84 -1.40 | 25.35 3.02 -3.08 | 25.73 3.06 -2.13 | 27.11 2.96 -3.63 | 27.35 3.49 -0.47 | 28.13 3.48 -0.14 | 29.05 3.72 0.00 | 31.51 3.83 -1.06 | 32.81 4.03 -1.72 | 34.57 4.02 -3.42 | 41.47 4.26 -8.65 | 49.97 4.37 -16.87 | 34.66 4.00 -4.51 | 31.94 3.62 -4.52 | 30.52 3.32 -4.45 | 28.31 3.05 -5.31 | 24.44 2.68 -4.33 | 20.85 2.44 -2.32 |
| BROOKLYN_NAVY_YARD 23515 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.72 1.68 0.00 | 19.10 1.92 0.00 | 19.86 2.11 -0.12 | 21.68 2.35 -0.09 | 23.08 2.53 -0.02 | 23.30 2.52 -0.26 | 26.25 2.83 -0.03 | 28.07 2.96 -0.60 | 29.43 3.14 -0.96 | 29.96 3.27 -0.07 | 30.53 3.36 -0.11 | 30.72 3.36 -0.22 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.42 3.27 0.00 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.43 2.57 -0.91 | 21.28 2.26 -1.59 | 19.10 2.04 -0.98 |
| BROOKLYN___ARMY_DRP 323595 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |

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| BROOME_2_LFGE 323671 | 19.73 0.72 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.54 0.51 0.00 | 17.84 0.67 0.00 | 18.30 0.67 0.00 | 20.09 0.65 -0.18 | 21.55 0.70 -0.31 | 21.07 0.55 0.00 | 23.98 0.63 0.05 | 25.13 0.69 0.07 | 25.97 0.73 0.09 | 27.29 0.80 0.12 | 27.82 0.81 0.05 | 27.85 0.81 0.10 | 29.39 0.83 0.00 | 29.29 0.69 0.13 | 26.77 0.73 0.12 | 24.29 0.64 0.15 | 23.35 0.64 0.04 | 20.37 0.54 0.12 | 17.90 0.47 0.00 | 16.87 0.51 -0.28 |
| BROOME___LFGE 323600 | 19.73 0.72 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.54 0.51 0.00 | 17.84 0.67 0.00 | 18.30 0.67 0.00 | 20.09 0.65 -0.18 | 21.55 0.70 -0.31 | 21.07 0.55 0.00 | 23.98 0.63 0.05 | 25.13 0.69 0.07 | 25.97 0.73 0.09 | 27.29 0.80 0.12 | 27.82 0.81 0.05 | 27.85 0.81 0.10 | 29.39 0.83 0.00 | 29.29 0.69 0.13 | 26.77 0.73 0.12 | 24.29 0.64 0.15 | 23.35 0.64 0.04 | 20.37 0.54 0.12 | 17.90 0.47 0.00 | 16.87 0.51 -0.28 |
| BURROWS___LYONSDAL 23803 | 19.42 0.42 0.00 | 18.02 0.37 0.00 | 15.85 0.29 0.00 | 15.53 0.32 0.00 | 15.32 0.28 0.00 | 17.60 0.43 0.00 | 18.11 0.48 0.00 | 19.81 0.56 0.00 | 21.18 0.64 0.00 | 21.20 0.68 0.00 | 24.26 0.87 0.00 | 25.39 0.88 0.00 | 26.11 0.79 0.00 | 27.47 0.85 0.00 | 27.99 0.92 0.00 | 28.06 0.92 0.00 | 29.45 0.89 0.00 | 29.57 0.83 0.00 | 26.94 0.78 0.00 | 24.54 0.74 0.00 | 23.57 0.82 0.00 | 20.56 0.62 0.00 | 17.88 0.45 0.00 | 16.43 0.35 0.00 |
| CAITHNESS_CC_1 323624 | 24.33 3.08 -2.24 | 21.19 2.66 -0.88 | 18.60 2.47 -0.57 | 18.34 2.34 -0.79 | 18.80 2.31 -1.45 | 20.22 2.59 -0.46 | 21.80 2.77 -1.40 | 25.29 2.96 -3.08 | 25.69 3.02 -2.13 | 27.06 2.91 -3.63 | 27.28 3.42 -0.47 | 28.06 3.41 -0.14 | 29.00 3.67 0.00 | 31.43 3.75 -1.06 | 32.73 3.95 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.86 4.25 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.67 -4.32 | 20.83 2.43 -2.32 |
| CALPINE BETH_PAGE_GT4 24209 | 30.52 2.79 -8.72 | 23.62 2.52 -3.45 | 19.50 2.21 -1.74 | 19.24 2.08 -1.95 | 19.68 2.06 -2.59 | 20.95 2.34 -1.44 | 22.40 2.50 -2.27 | 25.56 2.75 -3.55 | 26.14 2.96 -2.65 | 27.47 2.93 -4.01 | 27.11 3.25 -0.47 | 27.91 3.26 -0.14 | 28.72 3.39 0.00 | 31.22 3.54 -1.06 | 32.46 3.68 -1.72 | 34.16 3.61 -3.42 | 41.01 3.80 -8.65 | 49.43 3.82 -16.87 | 34.19 3.53 -4.51 | 31.59 3.26 -4.52 | 30.25 3.05 -4.45 | 28.11 2.85 -5.31 | 27.80 2.58 -7.80 | 21.97 2.40 -3.50 |
| CALPINE_BETH_PAGE_GT_4 323586 | 30.52 2.79 -8.72 | 23.62 2.52 -3.45 | 19.50 2.21 -1.74 | 19.24 2.08 -1.95 | 19.68 2.06 -2.59 | 20.95 2.34 -1.44 | 22.40 2.50 -2.27 | 25.56 2.75 -3.55 | 26.14 2.96 -2.65 | 27.47 2.93 -4.01 | 27.11 3.25 -0.47 | 27.91 3.26 -0.14 | 28.72 3.39 0.00 | 31.22 3.54 -1.06 | 32.46 3.68 -1.72 | 34.16 3.61 -3.42 | 41.01 3.80 -8.65 | 49.43 3.82 -16.87 | 34.19 3.53 -4.51 | 31.59 3.26 -4.52 | 30.25 3.05 -4.45 | 28.11 2.85 -5.31 | 27.80 2.58 -7.80 | 21.97 2.40 -3.50 |
| CALPINE_BP_GT1 23823 | 30.52 2.79 -8.72 | 23.62 2.52 -3.45 | 19.50 2.21 -1.74 | 19.24 2.08 -1.95 | 19.68 2.06 -2.59 | 20.95 2.34 -1.44 | 22.40 2.50 -2.27 | 25.56 2.75 -3.55 | 26.14 2.96 -2.65 | 27.47 2.93 -4.01 | 27.11 3.25 -0.47 | 27.91 3.26 -0.14 | 28.72 3.39 0.00 | 31.22 3.54 -1.06 | 32.46 3.68 -1.72 | 34.16 3.61 -3.42 | 41.01 3.80 -8.65 | 49.43 3.82 -16.87 | 34.19 3.53 -4.51 | 31.59 3.26 -4.52 | 30.25 3.05 -4.45 | 28.11 2.85 -5.31 | 27.80 2.58 -7.80 | 21.97 2.40 -3.50 |
| CALSPAN___DRP 24200 | 19.63 0.63 0.00 | 18.10 0.46 0.00 | 15.92 0.36 0.00 | 15.68 0.47 0.00 | 15.47 0.44 0.00 | 17.90 0.72 0.00 | 18.18 0.55 0.00 | 24.17 0.58 -4.34 | 28.48 0.53 -7.41 | 65.34 0.21 -44.61 | 81.28 0.14 -57.75 | 85.85 0.22 -61.12 | 98.03 0.25 -72.45 | 99.85 0.24 -73.00 | 99.75 0.24 -72.44 | 96.38 0.11 -69.14 | 109.56 0.14 -80.85 | 87.28 -0.37 -58.92 | 49.89 -0.08 -23.81 | 48.21 -0.24 -24.65 | 65.44 -0.11 -42.81 | 41.76 -0.18 -21.99 | 35.91 -0.05 -18.54 | 20.98 0.24 -4.66 |
| CANDIGU_WT_PWR 323617 | 19.80 0.80 0.00 | 18.28 0.63 0.00 | 16.07 0.51 0.00 | 15.79 0.58 0.00 | 15.59 0.56 0.00 | 18.00 0.82 0.00 | 18.37 0.74 0.00 | 21.18 0.73 -1.19 | 23.30 0.72 -2.04 | 20.83 0.31 0.00 | 23.57 0.30 0.12 | 24.73 0.39 0.17 | 25.50 0.40 0.23 | 26.78 0.48 0.31 | 27.42 0.49 0.14 | 27.31 0.43 0.25 | 28.99 0.43 0.00 | 28.54 0.12 0.31 | 26.18 0.31 0.29 | 23.62 0.19 0.37 | 22.93 0.27 0.10 | 19.82 0.16 0.28 | 17.58 0.16 0.00 | 16.62 0.35 -0.19 |
| CARR STREET_E_SYR 24060 | 19.08 0.08 0.00 | 17.70 0.05 0.00 | 15.59 0.03 0.00 | 15.27 0.06 0.00 | 15.08 0.05 0.00 | 17.28 0.10 0.00 | 17.74 0.11 0.00 | 19.31 0.06 0.00 | 20.60 0.06 0.00 | 20.56 0.04 0.00 | 23.42 0.07 0.04 | 24.57 0.12 0.06 | 25.37 0.13 0.08 | 26.69 0.19 0.11 | 27.21 0.19 0.05 | 27.26 0.22 0.09 | 28.76 0.20 0.00 | 28.67 0.06 0.12 | 26.12 0.08 0.12 | 23.70 0.05 0.15 | 22.80 0.09 0.04 | 19.85 0.02 0.11 | 17.41 -0.02 0.00 | 16.16 0.00 -0.08 |
| CARTHAGE___PAPER 23857 | 19.29 0.29 0.00 | 17.87 0.23 0.00 | 15.73 0.17 0.00 | 15.42 0.21 0.00 | 15.21 0.18 0.00 | 17.50 0.33 0.00 | 18.02 0.39 0.00 | 19.73 0.48 0.00 | 21.09 0.55 0.00 | 21.16 0.64 0.00 | 24.29 0.84 -0.06 | 25.45 0.86 -0.08 | 26.17 0.73 -0.11 | 27.51 0.74 -0.15 | 27.99 0.87 -0.06 | 28.07 0.81 -0.12 | 29.30 0.74 0.00 | 29.54 0.66 -0.15 | 26.97 0.68 -0.14 | 24.67 0.69 -0.17 | 23.64 0.84 -0.05 | 20.67 0.60 -0.13 | 17.81 0.38 0.00 | 16.37 0.26 -0.03 |
| CE_DUNWOOD___DRP 24194 | 21.10 2.09 0.00 | 19.53 1.89 0.00 | 17.22 1.67 0.00 | 16.74 1.54 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.52 1.89 0.00 | 21.33 2.08 0.00 | 22.80 2.26 0.00 | 22.78 2.26 0.00 | 25.96 2.57 0.00 | 27.18 2.67 0.00 | 28.16 2.84 0.00 | 29.55 2.93 0.00 | 30.07 3.00 0.00 | 30.15 3.01 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.21 2.46 0.00 | 22.26 2.31 0.00 | 19.43 2.00 0.00 | 18.76 1.83 -0.84 |
| CE_MILLWOOD___DRP 24193 | 21.02 2.01 0.00 | 19.46 1.82 0.00 | 17.15 1.59 0.00 | 16.68 1.47 0.00 | 16.49 1.46 0.00 | 18.82 1.65 0.00 | 19.45 1.82 0.00 | 21.23 1.98 0.00 | 22.70 2.16 0.00 | 22.65 2.13 0.00 | 25.85 2.46 0.00 | 27.06 2.55 0.00 | 28.01 2.68 0.00 | 29.41 2.79 0.00 | 29.91 2.84 0.00 | 30.01 2.87 0.00 | 31.59 3.03 0.00 | 31.81 3.08 0.00 | 28.98 2.83 0.00 | 26.35 2.55 0.00 | 25.09 2.34 0.00 | 22.16 2.21 0.00 | 19.34 1.92 0.00 | 18.67 1.75 -0.84 |
| CE_NYC2_DRP 24202 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.16 2.61 -0.02 | 26.45 2.61 -3.33 | 28.37 2.97 -2.01 | 28.22 3.09 -0.62 | 29.56 3.24 -0.99 | 30.38 3.38 -0.38 | 30.84 3.44 -0.33 | 30.84 3.47 -0.23 | 32.20 3.63 -0.01 | 32.41 3.68 0.00 | 29.54 3.38 -0.01 | 27.17 3.07 -0.30 | 26.37 2.84 -0.78 | 23.52 2.63 -0.94 | 21.37 2.30 -1.64 | 20.58 2.11 -2.39 |
| CE_NYC_DRP 24195 | 21.36 2.36 0.00 | 19.78 2.13 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.11 1.94 0.00 | 19.90 2.15 -0.12 | 21.70 2.37 -0.08 | 23.10 2.55 -0.02 | 23.32 2.54 -0.25 | 26.35 2.92 -0.03 | 28.14 3.04 -0.59 | 29.47 3.19 -0.96 | 30.01 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.81 2.77 -0.29 | 23.44 2.59 -0.91 | 21.27 2.26 -1.58 | 19.12 2.06 -0.98 |

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| CHAFFEE___LFGE 323603 | 19.73 0.72 0.00 | 18.17 0.53 0.00 | 15.98 0.42 0.00 | 15.74 0.53 0.00 | 15.53 0.50 0.00 | 18.00 0.82 0.00 | 18.30 0.67 0.00 | 24.02 0.75 -4.02 | 28.11 0.72 -6.86 | 61.06 0.35 -40.19 | 75.68 0.28 -52.01 | 79.89 0.34 -55.04 | 90.95 0.38 -65.24 | 92.74 0.40 -65.73 | 92.71 0.41 -65.24 | 89.63 0.24 -62.25 | 101.98 0.31 -73.11 | 81.58 -0.20 -53.04 | 47.68 0.11 -21.42 | 45.87 -0.09 -22.17 | 61.32 0.02 -38.55 | 39.67 -0.06 -19.78 | 34.16 0.03 -16.70 | 20.64 0.34 -4.22 |
| CHATEAUG_WT_PWR 323614 | 18.00 -1.01 0.00 | 16.73 -0.92 0.00 | 14.80 -0.76 0.00 | 14.48 -0.73 0.00 | 14.31 -0.72 0.00 | 16.37 -0.81 0.00 | 16.84 -0.79 0.00 | 18.52 -0.73 0.00 | 19.78 -0.76 0.00 | 19.78 -0.74 0.00 | 22.53 -0.87 0.00 | 23.65 -0.86 0.00 | 24.36 -0.96 0.00 | 25.63 -0.98 0.00 | 26.04 -1.03 0.00 | 26.05 -1.09 0.00 | 27.48 -1.09 0.00 | 27.78 -0.95 0.00 | 25.16 -0.99 0.00 | 22.95 -0.86 0.00 | 21.91 -0.84 0.00 | 19.11 -0.84 0.00 | 16.71 -0.72 0.00 | 15.42 -0.66 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 17.96 -1.05 0.00 | 16.69 -0.95 0.00 | 14.77 -0.79 0.00 | 14.45 -0.76 0.00 | 14.28 -0.75 0.00 | 16.33 -0.84 0.00 | 16.80 -0.83 0.00 | 18.50 -0.75 0.00 | 19.74 -0.80 0.00 | 19.74 -0.78 0.00 | 22.48 -0.91 0.00 | 23.60 -0.91 0.00 | 24.31 -1.01 0.00 | 25.58 -1.04 0.00 | 25.98 -1.08 0.00 | 26.00 -1.14 0.00 | 27.42 -1.14 0.00 | 27.75 -0.98 0.00 | 25.11 -1.05 0.00 | 22.92 -0.88 0.00 | 21.91 -0.84 0.00 | 19.09 -0.86 0.00 | 16.69 -0.73 0.00 | 15.40 -0.67 0.00 |
| CHAUTAUQUA___LFGE 323629 | 19.98 0.97 0.00 | 18.40 0.76 0.00 | 16.16 0.61 0.00 | 15.92 0.71 0.00 | 15.71 0.68 0.00 | 18.22 1.05 0.00 | 18.53 0.90 0.00 | 23.74 0.96 -3.53 | 27.50 0.95 -6.02 | 59.89 0.53 -38.83 | 74.13 0.49 -50.25 | 78.25 0.56 -53.18 | 88.96 0.61 -63.03 | 90.72 0.61 -63.49 | 90.72 0.62 -63.04 | 87.74 0.46 -60.14 | 99.67 0.51 -70.59 | 79.97 0.00 -51.24 | 47.16 0.31 -20.69 | 45.32 0.12 -21.40 | 60.20 0.20 -37.25 | 39.17 0.12 -19.10 | 33.76 0.19 -16.14 | 20.66 0.50 -4.08 |
| CH_MIDHUDSON___DRP 24192 | 21.00 2.00 0.00 | 19.48 1.84 0.00 | 17.16 1.60 0.00 | 16.70 1.49 0.00 | 16.52 1.49 0.00 | 18.84 1.67 0.00 | 19.45 1.82 0.00 | 21.23 1.98 0.00 | 22.70 2.16 0.00 | 22.65 2.13 0.00 | 25.85 2.46 0.00 | 27.06 2.55 0.00 | 28.04 2.71 0.00 | 29.44 2.82 0.00 | 29.93 2.87 0.00 | 30.04 2.90 0.00 | 31.65 3.09 0.00 | 31.86 3.13 0.00 | 29.03 2.88 0.00 | 26.40 2.59 0.00 | 25.11 2.37 0.00 | 22.16 2.21 0.00 | 19.34 1.92 0.00 | 18.73 1.75 -0.90 |
| CH_MISC_IPPS 23765 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| CH_RES_BVR_FALLS 23983 | 18.72 -0.28 0.00 | 17.38 -0.26 0.00 | 15.34 -0.22 0.00 | 14.99 -0.21 0.00 | 14.82 -0.21 0.00 | 16.93 -0.24 0.00 | 17.40 -0.23 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.27 -0.25 0.00 | 23.11 -0.28 0.00 | 24.22 -0.29 0.00 | 24.99 -0.33 0.00 | 26.27 -0.35 0.00 | 26.71 -0.35 0.00 | 26.78 -0.35 0.00 | 28.19 -0.37 0.00 | 28.39 -0.34 0.00 | 25.81 -0.34 0.00 | 23.49 -0.31 0.00 | 22.45 -0.30 0.00 | 19.67 -0.28 0.00 | 17.16 -0.26 0.00 | 15.81 -0.23 0.05 |
| CH_RES_NIAGARA 23895 | 18.74 -0.27 0.00 | 17.31 -0.34 0.00 | 15.22 -0.34 0.00 | 15.01 -0.20 0.00 | 14.81 -0.23 0.00 | 16.88 -0.29 0.00 | 17.10 -0.51 0.02 | 16.92 -0.56 1.77 | 16.83 -0.70 3.01 | 12.74 -0.84 6.94 | 13.14 -1.05 9.20 | 13.66 -1.03 9.82 | 12.61 -1.04 11.68 | 13.60 -1.09 11.92 | 14.40 -1.16 11.51 | 14.62 -1.30 11.21 | 14.57 -1.28 12.71 | 17.28 -1.81 9.64 | 20.56 -1.39 4.21 | 17.93 -1.38 4.49 | 14.80 -1.18 6.77 | 14.91 -1.12 3.92 | 13.71 -0.85 2.86 | 15.00 -0.50 0.58 |
| CH_RES_SYRACUSE 23985 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |
| CLINTON_WT_PWR 323605 | 18.00 -1.01 0.00 | 16.73 -0.92 0.00 | 14.80 -0.76 0.00 | 14.48 -0.73 0.00 | 14.31 -0.72 0.00 | 16.37 -0.81 0.00 | 16.84 -0.79 0.00 | 18.52 -0.73 0.00 | 19.78 -0.76 0.00 | 19.78 -0.74 0.00 | 22.53 -0.87 0.00 | 23.65 -0.86 0.00 | 24.36 -0.96 0.00 | 25.63 -0.98 0.00 | 26.04 -1.03 0.00 | 26.05 -1.09 0.00 | 27.48 -1.09 0.00 | 27.78 -0.95 0.00 | 25.16 -0.99 0.00 | 22.95 -0.86 0.00 | 21.91 -0.84 0.00 | 19.11 -0.84 0.00 | 16.71 -0.72 0.00 | 15.42 -0.66 0.00 |
| CLINTON___LFGE 323618 | 18.11 -0.89 0.00 | 16.85 -0.79 0.00 | 14.92 -0.64 0.00 | 14.60 -0.61 0.00 | 14.43 -0.60 0.00 | 16.50 -0.67 0.00 | 16.98 -0.65 0.00 | 18.73 -0.52 0.00 | 19.99 -0.55 0.00 | 19.99 -0.53 0.00 | 22.76 -0.63 0.00 | 23.92 -0.59 0.00 | 24.62 -0.71 0.00 | 25.90 -0.72 0.00 | 26.34 -0.73 0.00 | 26.35 -0.79 0.00 | 27.82 -0.74 0.00 | 28.16 -0.57 0.00 | 25.45 -0.70 0.00 | 23.23 -0.57 0.00 | 22.20 -0.55 0.00 | 19.31 -0.64 0.00 | 16.88 -0.54 0.00 | 15.58 -0.50 0.00 |
| COLONIE_LFGE___ 323577 | 20.58 1.58 0.00 | 19.06 1.41 0.00 | 16.80 1.25 0.00 | 16.39 1.19 0.00 | 16.24 1.20 0.00 | 18.50 1.32 0.00 | 18.97 1.34 0.00 | 20.87 1.62 0.00 | 22.33 1.79 0.00 | 22.30 1.78 0.00 | 25.38 1.99 0.00 | 26.54 2.03 0.00 | 27.45 2.13 0.00 | 28.80 2.18 0.00 | 29.23 2.17 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.11 2.38 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.52 1.78 0.00 | 21.54 1.60 0.00 | 18.87 1.45 0.00 | 18.48 1.27 -1.13 |
| COPENHAGEN_WT_PWR 323753 | 19.35 0.34 0.00 | 17.94 0.30 0.00 | 15.78 0.22 0.00 | 15.47 0.26 0.00 | 15.26 0.23 0.00 | 17.55 0.38 0.00 | 18.07 0.44 0.00 | 19.77 0.52 0.00 | 21.14 0.60 0.00 | 21.20 0.68 0.00 | 24.35 0.89 -0.07 | 25.55 0.93 -0.11 | 26.25 0.79 -0.14 | 27.63 0.83 -0.19 | 28.07 0.92 -0.08 | 28.21 0.92 -0.15 | 29.39 0.83 0.00 | 29.67 0.75 -0.19 | 27.06 0.73 -0.18 | 24.76 0.74 -0.22 | 23.72 0.91 -0.06 | 20.75 0.64 -0.17 | 17.84 0.42 0.00 | 16.42 0.30 -0.04 |
| CORNELL_____ 23752 | 19.60 0.59 0.00 | 18.16 0.51 0.00 | 15.98 0.42 0.00 | 15.65 0.44 0.00 | 15.45 0.42 0.00 | 17.72 0.55 0.00 | 18.23 0.60 0.00 | 20.04 0.62 -0.17 | 21.49 0.66 -0.29 | 21.09 0.57 0.00 | 24.03 0.68 0.04 | 25.22 0.76 0.05 | 26.04 0.79 0.07 | 27.40 0.88 0.09 | 27.95 0.92 0.04 | 28.01 0.95 0.08 | 29.48 0.91 0.00 | 29.40 0.78 0.11 | 26.84 0.78 0.10 | 24.36 0.69 0.13 | 23.46 0.75 0.03 | 20.40 0.56 0.10 | 17.86 0.44 0.00 | 16.69 0.42 -0.19 |
| COXSACKIE___GT 23611 | 20.75 1.75 0.00 | 19.30 1.66 0.00 | 17.02 1.46 0.00 | 16.56 1.35 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.18 1.55 0.00 | 20.85 1.60 0.00 | 22.33 1.79 0.00 | 22.28 1.76 0.00 | 25.50 2.11 0.00 | 26.67 2.16 0.00 | 27.63 2.30 0.00 | 29.06 2.45 0.00 | 29.55 2.49 0.00 | 29.74 2.61 0.00 | 31.31 2.74 0.00 | 31.58 2.85 0.00 | 28.74 2.59 0.00 | 26.11 2.31 0.00 | 24.80 2.05 0.00 | 21.82 1.87 0.00 | 19.05 1.62 0.00 | 18.50 1.50 -0.93 |

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| CPV_VALLEY___CC1 323721 | 20.51 1.50 0.00 | 19.00 1.36 0.00 | 16.74 1.18 0.00 | 16.30 1.10 0.00 | 16.12 1.08 0.00 | 18.39 1.22 0.00 | 18.97 1.34 0.00 | 20.70 1.44 0.00 | 22.12 1.58 0.00 | 22.08 1.56 0.00 | 25.15 1.76 0.00 | 26.35 1.84 0.00 | 27.28 1.95 0.00 | 28.64 2.02 0.00 | 29.12 2.06 0.00 | 29.22 2.09 0.00 | 30.76 2.20 0.00 | 30.97 2.24 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.46 1.71 0.00 | 21.56 1.61 0.00 | 18.84 1.41 0.00 | 18.12 1.30 -0.74 |
| CPV_VALLEY___CC2 323722 | 20.51 1.50 0.00 | 19.00 1.36 0.00 | 16.74 1.18 0.00 | 16.30 1.10 0.00 | 16.12 1.08 0.00 | 18.39 1.22 0.00 | 18.97 1.34 0.00 | 20.70 1.44 0.00 | 22.12 1.58 0.00 | 22.08 1.56 0.00 | 25.15 1.76 0.00 | 26.35 1.84 0.00 | 27.28 1.95 0.00 | 28.64 2.02 0.00 | 29.12 2.06 0.00 | 29.22 2.09 0.00 | 30.76 2.20 0.00 | 30.97 2.24 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.46 1.71 0.00 | 21.56 1.61 0.00 | 18.84 1.41 0.00 | 18.12 1.30 -0.74 |
| CRESCENT___HYD 24018 | 20.58 1.58 0.00 | 19.06 1.41 0.00 | 16.80 1.25 0.00 | 16.39 1.19 0.00 | 16.24 1.20 0.00 | 18.50 1.32 0.00 | 18.97 1.34 0.00 | 20.87 1.62 0.00 | 22.33 1.79 0.00 | 22.30 1.78 0.00 | 25.38 1.99 0.00 | 26.54 2.03 0.00 | 27.45 2.13 0.00 | 28.80 2.18 0.00 | 29.23 2.17 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.11 2.38 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.52 1.78 0.00 | 21.54 1.60 0.00 | 18.87 1.45 0.00 | 18.48 1.27 -1.13 |
| CRUCIBLE_METL_DRP 24180 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |
| DANC___LFGE 323619 | 19.16 0.15 0.00 | 17.77 0.12 0.00 | 15.64 0.08 0.00 | 15.33 0.12 0.00 | 15.12 0.09 0.00 | 17.36 0.19 0.00 | 17.86 0.23 0.00 | 19.50 0.25 0.00 | 20.83 0.29 0.00 | 20.87 0.35 0.00 | 23.95 0.47 -0.10 | 25.14 0.49 -0.14 | 25.91 0.40 -0.18 | 27.27 0.40 -0.25 | 27.63 0.46 -0.11 | 27.80 0.46 -0.20 | 28.96 0.40 0.00 | 29.27 0.29 -0.25 | 26.70 0.31 -0.23 | 24.46 0.36 -0.30 | 23.33 0.50 -0.08 | 20.49 0.32 -0.23 | 17.60 0.17 0.00 | 16.24 0.11 -0.05 |
| DANSKAMMER___1 23586 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| DANSKAMMER___2 23589 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| DANSKAMMER___3 23590 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| DANSKAMMER___4 23591 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| DANSKAMMER___DIESEL 23592 | 21.04 2.03 0.00 | 19.51 1.87 0.00 | 17.21 1.65 0.00 | 16.73 1.52 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.50 1.87 0.00 | 21.25 2.00 0.00 | 22.72 2.18 0.00 | 22.67 2.15 0.00 | 25.90 2.50 0.00 | 27.08 2.57 0.00 | 28.09 2.76 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.12 2.98 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.36 1.93 0.00 | 18.73 1.78 -0.87 |
| DASHVILLE___HYD 23610 | 20.64 1.63 0.00 | 19.16 1.52 0.00 | 16.88 1.32 0.00 | 16.42 1.22 0.00 | 16.25 1.22 0.00 | 18.53 1.36 0.00 | 19.13 1.50 0.00 | 20.85 1.60 0.00 | 22.31 1.77 0.00 | 22.26 1.74 0.00 | 25.40 2.01 0.00 | 26.59 2.08 0.00 | 27.55 2.23 0.00 | 28.96 2.34 0.00 | 29.45 2.38 0.00 | 29.58 2.44 0.00 | 31.13 2.57 0.00 | 31.37 2.64 0.00 | 28.56 2.40 0.00 | 25.97 2.17 0.00 | 24.68 1.93 0.00 | 21.78 1.83 0.00 | 19.01 1.59 0.00 | 18.40 1.45 -0.88 |
| DELAWARE___LFGE 323621 | 19.99 0.99 0.00 | 18.53 0.88 0.00 | 16.32 0.76 0.00 | 15.94 0.73 0.00 | 15.74 0.71 0.00 | 18.02 0.84 0.00 | 18.53 0.90 0.00 | 20.23 0.98 0.00 | 21.63 1.09 0.00 | 21.57 1.05 0.00 | 24.61 1.22 0.00 | 25.76 1.25 0.00 | 26.62 1.29 0.00 | 27.97 1.36 0.00 | 28.47 1.41 0.00 | 28.54 1.41 0.00 | 30.05 1.48 0.00 | 30.20 1.46 0.00 | 27.54 1.39 0.00 | 25.04 1.24 0.00 | 23.93 1.18 0.00 | 21.00 1.06 0.00 | 18.33 0.91 0.00 | 17.28 0.84 -0.36 |
| DOGLEVILLE___HYD 23807 | 20.01 1.01 0.00 | 18.56 0.92 0.00 | 16.34 0.78 0.00 | 15.97 0.76 0.00 | 15.77 0.74 0.00 | 18.03 0.86 0.00 | 18.53 0.90 0.00 | 20.25 1.00 0.00 | 21.67 1.13 0.00 | 21.65 1.13 0.00 | 24.72 1.33 0.00 | 25.81 1.30 0.00 | 26.69 1.37 0.00 | 28.03 1.41 0.00 | 28.53 1.46 0.00 | 28.60 1.46 0.00 | 30.08 1.51 0.00 | 30.22 1.49 0.00 | 27.51 1.36 0.00 | 25.04 1.24 0.00 | 23.93 1.18 0.00 | 21.04 1.10 0.00 | 18.33 0.91 0.00 | 16.86 0.80 0.02 |
| DUNKIRK___1 23563 | 19.96 0.95 0.00 | 18.39 0.74 0.00 | 16.16 0.61 0.00 | 15.91 0.70 0.00 | 15.69 0.66 0.00 | 18.20 1.03 0.00 | 18.51 0.88 0.00 | 23.71 0.92 -3.54 | 27.48 0.90 -6.03 | 60.08 0.49 -39.06 | 74.38 0.44 -50.55 | 78.52 0.52 -53.49 | 89.29 0.56 -63.40 | 91.07 0.58 -63.87 | 91.04 0.57 -63.41 | 88.04 0.41 -60.50 | 100.01 0.46 -70.99 | 80.25 -0.03 -51.55 | 47.25 0.29 -20.81 | 45.43 0.10 -21.53 | 60.40 0.18 -37.47 | 39.26 0.10 -19.22 | 33.83 0.17 -16.24 | 20.68 0.50 -4.10 |
| DUNKIRK___2 23564 | 19.96 0.95 0.00 | 18.39 0.74 0.00 | 16.16 0.61 0.00 | 15.91 0.70 0.00 | 15.69 0.66 0.00 | 18.20 1.03 0.00 | 18.51 0.88 0.00 | 23.71 0.92 -3.54 | 27.48 0.90 -6.03 | 60.08 0.49 -39.06 | 74.38 0.44 -50.55 | 78.52 0.52 -53.49 | 89.29 0.56 -63.40 | 91.07 0.58 -63.87 | 91.04 0.57 -63.41 | 88.04 0.41 -60.50 | 100.01 0.46 -70.99 | 80.25 -0.03 -51.55 | 47.25 0.29 -20.81 | 45.43 0.10 -21.53 | 60.40 0.18 -37.47 | 39.26 0.10 -19.22 | 33.83 0.17 -16.24 | 20.68 0.50 -4.10 |

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|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| DUNKIRK___3 23565 | 19.82 0.82 0.00 | 18.26 0.62 0.00 | 16.06 0.50 0.00 | 15.82 0.61 0.00 | 15.60 0.57 0.00 | 18.08 0.91 0.00 | 18.37 0.74 0.00 | 23.42 0.77 -3.40 | 27.06 0.72 -5.80 | 60.17 0.35 -39.30 | 74.53 0.28 -50.86 | 78.67 0.34 -53.82 | 89.49 0.38 -63.79 | 91.25 0.37 -64.26 | 91.24 0.38 -63.79 | 88.22 0.22 -60.87 | 100.21 0.29 -71.36 | 80.39 -0.20 -51.86 | 47.22 0.13 -20.94 | 45.41 -0.05 -21.66 | 60.49 0.05 -37.70 | 39.26 -0.02 -19.33 | 33.83 0.07 -16.33 | 20.61 0.40 -4.13 |
| DUNKIRK___4 23566 | 19.82 0.82 0.00 | 18.26 0.62 0.00 | 16.06 0.50 0.00 | 15.82 0.61 0.00 | 15.60 0.57 0.00 | 18.08 0.91 0.00 | 18.37 0.74 0.00 | 23.42 0.77 -3.40 | 27.06 0.72 -5.80 | 60.17 0.35 -39.30 | 74.53 0.28 -50.86 | 78.67 0.34 -53.82 | 89.49 0.38 -63.79 | 91.25 0.37 -64.26 | 91.24 0.38 -63.79 | 88.22 0.22 -60.87 | 100.21 0.29 -71.36 | 80.39 -0.20 -51.86 | 47.22 0.13 -20.94 | 45.41 -0.05 -21.66 | 60.49 0.05 -37.70 | 39.26 -0.02 -19.33 | 33.83 0.07 -16.33 | 20.61 0.40 -4.13 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 21.17 2.17 0.00 | 19.62 1.98 0.00 | 17.29 1.73 0.00 | 16.80 1.60 0.00 | 16.61 1.58 0.00 | 18.96 1.79 0.00 | 19.62 1.99 0.00 | 21.44 2.19 0.00 | 22.92 2.38 0.00 | 22.90 2.38 0.00 | 26.10 2.71 0.00 | 27.33 2.82 0.00 | 28.31 2.99 0.00 | 29.70 3.09 0.00 | 30.23 3.17 0.00 | 30.31 3.17 0.00 | 31.90 3.34 0.00 | 32.12 3.39 0.00 | 29.26 3.11 0.00 | 26.61 2.81 0.00 | 25.34 2.59 0.00 | 22.38 2.43 0.00 | 19.55 2.13 0.00 | 18.85 1.93 -0.85 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.83 1.82 0.00 | 19.30 1.66 0.00 | 17.02 1.46 0.00 | 16.55 1.34 0.00 | 16.37 1.34 0.00 | 18.69 1.51 0.00 | 19.29 1.66 0.00 | 21.02 1.77 0.00 | 22.47 1.93 0.00 | 22.43 1.91 0.00 | 25.59 2.20 0.00 | 26.79 2.28 0.00 | 27.76 2.43 0.00 | 29.15 2.53 0.00 | 29.66 2.60 0.00 | 29.77 2.63 0.00 | 31.33 2.77 0.00 | 31.58 2.85 0.00 | 28.77 2.62 0.00 | 26.16 2.36 0.00 | 24.89 2.14 0.00 | 21.96 2.01 0.00 | 19.17 1.74 0.00 | 18.52 1.61 -0.83 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 21.41 2.39 -0.01 | 19.82 2.17 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.83 1.79 -0.01 | 19.23 2.04 -0.01 | 19.84 2.10 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.27 2.50 -0.25 | 26.29 2.88 -0.02 | 28.09 2.99 -0.59 | 29.42 3.14 -0.95 | 29.95 3.27 -0.06 | 30.50 3.33 -0.11 | 30.69 3.34 -0.22 | 32.11 3.54 -0.01 | 32.41 3.68 0.00 | 29.46 3.30 -0.01 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.42 2.55 -0.92 | 21.26 2.23 -1.60 | 19.10 2.04 -0.98 |
| EAST HAMPTON___GT 23717 | 25.80 4.52 -2.27 | 22.44 3.90 -0.89 | 19.74 3.61 -0.57 | 19.41 3.41 -0.79 | 19.87 3.38 -1.45 | 21.45 3.81 -0.46 | 23.05 4.02 -1.41 | 26.76 4.43 -3.08 | 27.31 4.64 -2.13 | 28.79 4.64 -3.63 | 29.46 5.59 -0.47 | 30.39 5.73 -0.14 | 31.48 6.15 0.00 | 34.06 6.39 -1.06 | 35.47 6.69 -1.72 | 37.39 6.84 -3.42 | 44.53 7.31 -8.65 | 53.04 7.44 -16.87 | 37.41 6.75 -4.51 | 34.32 6.00 -4.52 | 32.73 5.53 -4.45 | 30.12 4.87 -5.31 | 25.86 4.10 -4.34 | 22.04 3.63 -2.33 |
| EAST RIVER___6 23660 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.68 2.35 -0.09 | 23.10 2.55 -0.02 | 23.32 2.54 -0.26 | 26.32 2.90 -0.03 | 28.15 3.04 -0.60 | 29.48 3.19 -0.96 | 30.01 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.79 2.75 -0.29 | 23.45 2.59 -0.91 | 21.28 2.26 -1.59 | 19.12 2.06 -0.98 |
| EAST RIVER___7 23524 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.68 2.35 -0.09 | 23.10 2.55 -0.02 | 23.32 2.54 -0.26 | 26.32 2.90 -0.03 | 28.15 3.04 -0.60 | 29.48 3.19 -0.96 | 30.01 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.79 2.75 -0.29 | 23.45 2.59 -0.91 | 21.28 2.26 -1.59 | 19.12 2.06 -0.98 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 21.10 2.09 0.00 | 19.53 1.89 0.00 | 17.22 1.67 0.00 | 16.74 1.54 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.52 1.89 0.00 | 21.33 2.08 0.00 | 22.80 2.26 0.00 | 22.78 2.26 0.00 | 25.96 2.57 0.00 | 27.18 2.67 0.00 | 28.16 2.84 0.00 | 29.55 2.93 0.00 | 30.07 3.00 0.00 | 30.15 3.01 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.21 2.46 0.00 | 22.26 2.31 0.00 | 19.43 2.00 0.00 | 18.76 1.83 -0.84 |
| EAST_HAMPTON___DIESEL 23722 | 25.80 4.52 -2.27 | 22.46 3.92 -0.89 | 19.74 3.61 -0.57 | 19.42 3.42 -0.79 | 19.87 3.38 -1.45 | 21.45 3.81 -0.46 | 23.07 4.04 -1.41 | 26.76 4.43 -3.08 | 27.31 4.64 -2.13 | 28.79 4.64 -3.63 | 29.46 5.59 -0.47 | 30.39 5.73 -0.14 | 31.48 6.15 0.00 | 34.06 6.39 -1.06 | 35.47 6.69 -1.72 | 37.39 6.84 -3.42 | 44.53 7.31 -8.65 | 53.04 7.44 -16.87 | 37.38 6.72 -4.51 | 34.32 6.00 -4.52 | 32.75 5.55 -4.45 | 30.12 4.87 -5.31 | 25.86 4.10 -4.34 | 22.06 3.65 -2.33 |
| EAST_RIVER___1 323558 | 21.36 2.36 0.00 | 19.78 2.13 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.11 1.94 0.00 | 19.90 2.15 -0.12 | 21.70 2.37 -0.08 | 23.10 2.55 -0.02 | 23.32 2.54 -0.25 | 26.35 2.92 -0.03 | 28.14 3.04 -0.59 | 29.47 3.19 -0.96 | 30.01 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.81 2.77 -0.29 | 23.44 2.59 -0.91 | 21.27 2.26 -1.58 | 19.12 2.06 -0.98 |
| EAST_RIVER___2 323559 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.68 2.35 -0.09 | 23.10 2.55 -0.02 | 23.32 2.54 -0.26 | 26.32 2.90 -0.03 | 28.15 3.04 -0.60 | 29.48 3.19 -0.96 | 30.01 3.33 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.79 2.75 -0.29 | 23.45 2.59 -0.91 | 21.28 2.26 -1.59 | 19.12 2.06 -0.98 |
| EAST___DELAWARE_HYD 23607 | 19.96 0.95 0.00 | 18.51 0.86 0.00 | 16.31 0.75 0.00 | 15.88 0.67 0.00 | 15.69 0.66 0.00 | 17.93 0.75 0.00 | 18.51 0.88 0.00 | 20.19 0.94 0.00 | 21.59 1.05 0.00 | 21.59 1.07 0.00 | 24.65 1.26 0.00 | 25.81 1.30 0.00 | 26.72 1.39 0.00 | 28.08 1.46 0.00 | 28.61 1.54 0.00 | 28.71 1.57 0.00 | 30.19 1.63 0.00 | 30.43 1.69 0.00 | 27.72 1.57 0.00 | 25.21 1.40 0.00 | 24.00 1.25 0.00 | 21.14 1.20 0.00 | 18.42 0.99 0.00 | 17.73 0.90 -0.75 |
| ELEC_TRO_TEK 24086 | 39.10 2.51 -17.58 | 26.89 2.28 -6.97 | 20.90 2.01 -3.34 | 20.62 1.87 -3.54 | 21.03 1.85 -4.15 | 22.06 2.09 -2.79 | 23.35 2.26 -3.47 | 25.92 2.46 -4.21 | 26.54 2.65 -3.35 | 27.62 2.56 -4.53 | 26.74 2.88 -0.47 | 27.64 2.99 -0.14 | 28.46 3.14 0.00 | 30.92 3.25 -1.06 | 32.14 3.36 -1.72 | 33.95 3.39 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.83 2.57 -5.32 | 32.28 2.30 -12.55 | 23.29 2.11 -5.11 |
| ELLENBURG_WT_PWR 323604 | 18.00 -1.01 0.00 | 16.73 -0.92 0.00 | 14.80 -0.76 0.00 | 14.48 -0.73 0.00 | 14.31 -0.72 0.00 | 16.37 -0.81 0.00 | 16.84 -0.79 0.00 | 18.52 -0.73 0.00 | 19.78 -0.76 0.00 | 19.78 -0.74 0.00 | 22.53 -0.87 0.00 | 23.65 -0.86 0.00 | 24.36 -0.96 0.00 | 25.63 -0.98 0.00 | 26.04 -1.03 0.00 | 26.05 -1.09 0.00 | 27.48 -1.09 0.00 | 27.78 -0.95 0.00 | 25.16 -0.99 0.00 | 22.95 -0.86 0.00 | 21.91 -0.84 0.00 | 19.11 -0.84 0.00 | 16.71 -0.72 0.00 | 15.42 -0.66 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 19.44 0.44 0.00 | 17.93 0.28 0.00 | 15.76 0.20 0.00 | 15.54 0.33 0.00 | 15.33 0.30 0.00 | 17.74 0.57 0.00 | 18.00 0.37 0.00 | 23.03 0.36 -3.41 | 26.67 0.31 -5.82 | 63.77 0.00 -43.25 | 79.27 -0.09 -55.97 | 83.70 -0.05 -59.23 | 95.51 -0.03 -70.21 | 97.33 -0.03 -70.74 | 97.22 -0.05 -70.21 | 93.95 -0.19 -67.00 | 106.79 -0.17 -78.40 | 85.13 -0.69 -57.09 | 48.85 -0.37 -23.06 | 47.16 -0.50 -23.86 | 63.87 -0.36 -41.49 | 40.86 -0.38 -21.30 | 35.15 -0.24 -17.97 | 20.66 0.06 -4.52 |
| EMPIRE_CC_1 323656 | 20.15 1.14 0.00 | 18.67 1.02 0.00 | 16.48 0.92 0.00 | 16.09 0.88 0.00 | 15.93 0.90 0.00 | 18.10 0.93 0.00 | 18.51 0.88 0.00 | 20.33 1.08 0.00 | 21.73 1.19 0.00 | 21.71 1.19 0.00 | 24.75 1.36 0.00 | 25.86 1.35 0.00 | 26.72 1.39 0.00 | 28.03 1.41 0.00 | 28.44 1.38 0.00 | 28.54 1.41 0.00 | 30.05 1.48 0.00 | 30.25 1.52 0.00 | 27.54 1.39 0.00 | 25.06 1.26 0.00 | 23.95 1.20 0.00 | 21.10 1.16 0.00 | 18.51 1.08 0.00 | 18.06 0.93 -1.05 |
| EMPIRE_CC_2 323658 | 20.15 1.14 0.00 | 18.67 1.02 0.00 | 16.48 0.92 0.00 | 16.09 0.88 0.00 | 15.93 0.90 0.00 | 18.10 0.93 0.00 | 18.51 0.88 0.00 | 20.33 1.08 0.00 | 21.73 1.19 0.00 | 21.71 1.19 0.00 | 24.75 1.36 0.00 | 25.86 1.35 0.00 | 26.72 1.39 0.00 | 28.03 1.41 0.00 | 28.44 1.38 0.00 | 28.54 1.41 0.00 | 30.05 1.48 0.00 | 30.25 1.52 0.00 | 27.54 1.39 0.00 | 25.06 1.26 0.00 | 23.95 1.20 0.00 | 21.10 1.16 0.00 | 18.51 1.08 0.00 | 18.06 0.93 -1.05 |
| ERIE_WT_PWR 323693 | 19.65 0.65 0.00 | 18.12 0.48 0.00 | 15.93 0.37 0.00 | 15.69 0.49 0.00 | 15.48 0.45 0.00 | 17.93 0.75 0.00 | 18.20 0.56 0.00 | 24.21 0.62 -4.34 | 28.50 0.55 -7.41 | 65.36 0.23 -44.61 | 81.31 0.16 -57.75 | 85.88 0.25 -61.12 | 98.05 0.28 -72.45 | 99.88 0.27 -73.00 | 99.78 0.27 -72.44 | 96.38 0.11 -69.14 | 109.59 0.17 -80.85 | 87.31 -0.34 -58.92 | 49.92 -0.05 -23.81 | 48.23 -0.21 -24.65 | 65.46 -0.09 -42.81 | 41.78 -0.16 -21.99 | 35.93 -0.03 -18.54 | 21.00 0.26 -4.66 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.56 0.55 0.00 | 18.12 0.48 0.00 | 15.95 0.39 0.00 | 15.62 0.41 0.00 | 15.42 0.39 0.00 | 17.69 0.51 0.00 | 18.18 0.55 0.00 | 19.96 0.56 -0.15 | 21.42 0.62 -0.26 | 21.05 0.53 0.00 | 24.02 0.63 0.00 | 25.20 0.69 0.00 | 26.03 0.71 0.00 | 27.42 0.80 0.00 | 27.90 0.84 0.00 | 28.00 0.87 0.00 | 29.42 0.86 0.00 | 29.35 0.72 0.10 | 26.77 0.71 0.09 | 24.33 0.64 0.12 | 23.40 0.68 0.03 | 20.37 0.52 0.09 | 17.83 0.40 0.00 | 16.65 0.39 -0.19 |
| E_CANADA_CAP_HY 24051 | 20.11 1.10 0.00 | 18.63 0.99 0.00 | 16.40 0.84 0.00 | 16.01 0.81 0.00 | 15.83 0.80 0.00 | 18.17 1.00 0.00 | 18.76 1.13 0.00 | 20.52 1.27 0.00 | 21.94 1.40 0.00 | 21.87 1.35 0.00 | 24.87 1.47 0.00 | 25.91 1.40 0.00 | 26.74 1.42 0.00 | 28.11 1.49 0.00 | 28.63 1.57 0.00 | 28.79 1.66 0.00 | 30.31 1.74 0.00 | 30.57 1.84 0.00 | 27.93 1.78 0.00 | 25.37 1.57 0.00 | 24.30 1.55 0.00 | 21.38 1.44 0.00 | 18.56 1.13 0.00 | 18.44 1.00 -1.37 |
| E_CANADA_MHWK_HY 24050 | 20.01 1.01 0.00 | 18.56 0.92 0.00 | 16.34 0.78 0.00 | 15.97 0.76 0.00 | 15.77 0.74 0.00 | 18.03 0.86 0.00 | 18.53 0.90 0.00 | 20.25 1.00 0.00 | 21.67 1.13 0.00 | 21.65 1.13 0.00 | 24.72 1.33 0.00 | 25.81 1.30 0.00 | 26.69 1.37 0.00 | 28.03 1.41 0.00 | 28.53 1.46 0.00 | 28.60 1.46 0.00 | 30.08 1.51 0.00 | 30.22 1.49 0.00 | 27.51 1.36 0.00 | 25.04 1.24 0.00 | 23.93 1.18 0.00 | 21.04 1.10 0.00 | 18.33 0.91 0.00 | 16.86 0.80 0.02 |
| E_FISHKILL___LBMP 23776 | 20.93 1.92 0.00 | 19.38 1.73 0.00 | 17.08 1.53 0.00 | 16.62 1.41 0.00 | 16.43 1.40 0.00 | 18.75 1.58 0.00 | 19.34 1.71 0.00 | 21.16 1.91 0.00 | 22.59 2.05 0.00 | 22.57 2.05 0.00 | 25.73 2.34 0.00 | 26.94 2.43 0.00 | 27.88 2.56 0.00 | 29.28 2.66 0.00 | 29.77 2.71 0.00 | 29.85 2.71 0.00 | 31.42 2.86 0.00 | 31.63 2.90 0.00 | 28.82 2.67 0.00 | 26.23 2.43 0.00 | 24.98 2.23 0.00 | 22.04 2.09 0.00 | 19.25 1.83 0.00 | 18.60 1.66 -0.86 |
| FAR ROCKAWAY___4 23548 | 60.05 2.89 -38.15 | 35.36 2.59 -15.12 | 24.88 2.27 -7.05 | 24.59 2.13 -7.25 | 24.93 2.10 -7.79 | 25.49 2.40 -5.91 | 26.41 2.54 -6.25 | 27.76 2.79 -5.72 | 28.54 3.02 -4.98 | 29.26 3.00 -5.74 | 27.05 3.18 -0.47 | 27.99 3.33 -0.14 | 28.79 3.47 0.00 | 31.32 3.65 -1.06 | 32.57 3.79 -1.72 | 34.38 3.83 -3.42 | 41.27 4.05 -8.65 | 49.74 4.14 -16.87 | 34.45 3.79 -4.51 | 31.73 3.40 -4.52 | 30.34 3.14 -4.45 | 28.15 2.89 -5.32 | 43.53 2.53 -23.58 | 27.22 2.30 -8.84 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 21.38 2.38 0.00 | 19.80 2.15 0.00 | 17.46 1.90 0.00 | 16.97 1.76 0.00 | 16.76 1.73 0.00 | 19.15 1.97 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.14 2.59 -0.02 | 23.36 2.59 -0.26 | 26.37 2.95 -0.03 | 28.20 3.09 -0.60 | 29.53 3.24 -0.96 | 30.04 3.35 -0.07 | 30.61 3.44 -0.11 | 30.80 3.45 -0.22 | 32.20 3.63 -0.01 | 32.41 3.68 0.00 | 29.50 3.35 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.49 2.63 -0.91 | 21.32 2.30 -1.59 | 19.14 2.08 -0.98 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 21.38 2.38 0.00 | 19.80 2.15 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.92 2.17 -0.12 | 21.70 2.37 -0.09 | 23.12 2.57 -0.02 | 23.34 2.56 -0.26 | 26.35 2.92 -0.03 | 28.15 3.04 -0.60 | 29.50 3.22 -0.96 | 30.01 3.33 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.35 3.62 0.00 | 29.48 3.32 0.00 | 27.12 3.02 -0.29 | 25.83 2.80 -0.29 | 23.47 2.61 -0.91 | 21.30 2.28 -1.59 | 19.14 2.08 -0.98 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 21.36 2.36 0.00 | 19.78 2.13 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.11 1.94 0.00 | 19.90 2.15 -0.12 | 21.70 2.37 -0.09 | 23.10 2.55 -0.02 | 23.32 2.54 -0.26 | 26.32 2.90 -0.03 | 28.15 3.04 -0.60 | 29.48 3.19 -0.96 | 29.99 3.30 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.22 | 32.14 3.57 -0.01 | 32.32 3.59 0.00 | 29.45 3.30 0.00 | 27.09 3.00 -0.29 | 25.81 2.77 -0.29 | 23.45 2.59 -0.91 | 21.28 2.26 -1.59 | 19.12 2.06 -0.98 |
| FARRAGUT___LBMP 323566 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.11 1.94 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.09 | 23.08 2.53 -0.02 | 23.30 2.52 -0.26 | 26.30 2.88 -0.03 | 28.10 2.99 -0.60 | 29.45 3.17 -0.96 | 29.96 3.27 -0.07 | 30.50 3.33 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.43 2.57 -0.91 | 21.27 2.25 -1.59 | 19.10 2.04 -0.98 |
| FENNER___WINDPWR 24204 | 19.54 0.53 0.00 | 18.12 0.48 0.00 | 15.95 0.39 0.00 | 15.62 0.41 0.00 | 15.41 0.38 0.00 | 17.67 0.50 0.00 | 18.18 0.55 0.00 | 19.85 0.60 0.00 | 21.20 0.66 0.00 | 21.18 0.66 0.00 | 24.19 0.80 0.00 | 25.34 0.83 0.00 | 26.16 0.83 0.00 | 27.55 0.93 0.00 | 28.04 0.97 0.00 | 28.14 1.00 0.00 | 29.56 1.00 0.00 | 29.62 0.89 0.00 | 27.02 0.86 0.00 | 24.56 0.76 0.00 | 23.54 0.80 0.00 | 20.56 0.62 0.00 | 17.90 0.47 0.00 | 16.59 0.42 -0.09 |
| FIBERTEK___ENERGY 23856 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |

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| FITZPATRICK____ 23598 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.79 -0.46 0.00 | 20.03 -0.51 0.00 | 20.01 -0.51 0.00 | 22.81 -0.58 0.00 | 23.92 -0.59 0.00 | 24.72 -0.61 0.00 | 26.01 -0.61 0.00 | 26.44 -0.62 0.00 | 26.51 -0.62 0.00 | 27.91 -0.66 0.00 | 27.98 -0.75 0.00 | 25.50 -0.65 0.00 | 23.18 -0.62 0.00 | 22.20 -0.55 0.00 | 19.43 -0.52 0.00 | 16.95 -0.47 0.00 | 15.71 -0.42 -0.05 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 21.10 2.09 0.00 | 19.57 1.92 0.00 | 17.24 1.68 0.00 | 16.77 1.57 0.00 | 16.60 1.56 0.00 | 18.94 1.77 0.00 | 19.55 1.92 0.00 | 21.29 2.04 0.00 | 22.78 2.24 0.00 | 22.74 2.22 0.00 | 25.96 2.57 0.00 | 27.16 2.65 0.00 | 28.16 2.84 0.00 | 29.57 2.95 0.00 | 30.10 3.03 0.00 | 30.23 3.09 0.00 | 31.82 3.25 0.00 | 32.06 3.33 0.00 | 29.19 3.03 0.00 | 26.54 2.74 0.00 | 25.23 2.48 0.00 | 22.26 2.31 0.00 | 19.41 1.99 0.00 | 18.78 1.83 -0.87 |
| FORT ORANGE____ 23900 | 20.41 1.41 0.00 | 18.93 1.29 0.00 | 16.69 1.14 0.00 | 16.27 1.06 0.00 | 16.10 1.07 0.00 | 18.34 1.17 0.00 | 18.60 0.97 0.00 | 20.39 1.14 0.00 | 21.81 1.27 0.00 | 21.79 1.27 0.00 | 24.84 1.45 0.00 | 25.98 1.47 0.00 | 26.87 1.55 0.00 | 28.21 1.60 0.00 | 28.66 1.60 0.00 | 28.76 1.63 0.00 | 30.28 1.71 0.00 | 30.48 1.75 0.00 | 27.78 1.62 0.00 | 25.28 1.48 0.00 | 24.11 1.36 0.00 | 21.22 1.28 0.00 | 18.64 1.22 0.00 | 18.23 1.08 -1.07 |
| FORT_DRUM_COGEN 23780 | 19.39 0.38 0.00 | 17.96 0.32 0.00 | 15.81 0.25 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.60 0.43 0.00 | 18.12 0.49 0.00 | 19.83 0.58 0.00 | 21.20 0.66 0.00 | 21.26 0.74 0.00 | 24.44 0.98 -0.06 | 25.61 1.01 -0.09 | 26.31 0.86 -0.12 | 27.69 0.91 -0.17 | 28.16 1.03 -0.07 | 28.27 1.00 -0.13 | 29.48 0.91 0.00 | 29.73 0.83 -0.16 | 27.14 0.84 -0.15 | 24.83 0.83 -0.20 | 23.78 0.98 -0.05 | 20.79 0.70 -0.15 | 17.90 0.47 0.00 | 16.45 0.34 -0.03 |
| FPL_FAR_ROCK_GT1 24212 | 60.05 2.89 -38.15 | 35.36 2.59 -15.12 | 24.88 2.27 -7.05 | 24.59 2.13 -7.25 | 24.93 2.10 -7.79 | 25.49 2.40 -5.91 | 26.41 2.54 -6.25 | 27.76 2.79 -5.72 | 28.54 3.02 -4.98 | 29.26 3.00 -5.74 | 27.05 3.18 -0.47 | 27.99 3.33 -0.14 | 28.79 3.47 0.00 | 31.32 3.65 -1.06 | 32.57 3.79 -1.72 | 34.38 3.83 -3.42 | 41.27 4.05 -8.65 | 49.74 4.14 -16.87 | 34.45 3.79 -4.51 | 31.73 3.40 -4.52 | 30.34 3.14 -4.45 | 28.15 2.89 -5.32 | 43.53 2.53 -23.58 | 27.22 2.30 -8.84 |
| FPL_FAR_ROCK_GT2 23815 | 60.05 2.89 -38.15 | 35.36 2.59 -15.12 | 24.88 2.27 -7.05 | 24.59 2.13 -7.25 | 24.93 2.10 -7.79 | 25.49 2.40 -5.91 | 26.41 2.54 -6.25 | 27.76 2.79 -5.72 | 28.54 3.02 -4.98 | 29.26 3.00 -5.74 | 27.05 3.18 -0.47 | 27.99 3.33 -0.14 | 28.79 3.47 0.00 | 31.32 3.65 -1.06 | 32.57 3.79 -1.72 | 34.38 3.83 -3.42 | 41.27 4.05 -8.65 | 49.74 4.14 -16.87 | 34.45 3.79 -4.51 | 31.73 3.40 -4.52 | 30.34 3.14 -4.45 | 28.15 2.89 -5.32 | 43.53 2.53 -23.58 | 27.22 2.30 -8.84 |
| FRANKLIN_FALL_HYD 24054 | 17.96 -1.05 0.00 | 16.73 -0.92 0.00 | 14.80 -0.76 0.00 | 14.48 -0.73 0.00 | 14.30 -0.74 0.00 | 16.37 -0.81 0.00 | 16.84 -0.79 0.00 | 18.58 -0.67 0.00 | 19.82 -0.72 0.00 | 19.84 -0.68 0.00 | 22.60 -0.80 0.00 | 23.75 -0.76 0.00 | 24.41 -0.91 0.00 | 25.71 -0.91 0.00 | 26.09 -0.97 0.00 | 26.05 -1.09 0.00 | 27.48 -1.09 0.00 | 27.81 -0.92 0.00 | 25.19 -0.97 0.00 | 23.04 -0.76 0.00 | 22.04 -0.71 0.00 | 19.17 -0.78 0.00 | 16.76 -0.66 0.00 | 15.45 -0.63 0.00 |
| FREEPORT_EQUS_GT1 23764 | 37.48 2.79 -15.68 | 26.36 2.50 -6.21 | 20.74 2.19 -2.99 | 20.48 2.07 -3.20 | 20.90 2.04 -3.82 | 21.99 2.32 -2.50 | 23.33 2.49 -3.21 | 26.03 2.71 -4.07 | 26.67 2.94 -3.20 | 27.85 2.91 -4.42 | 27.14 3.27 -0.47 | 28.04 3.38 -0.14 | 28.87 3.55 0.00 | 31.38 3.70 -1.06 | 32.62 3.84 -1.72 | 34.41 3.85 -3.42 | 41.30 4.08 -8.65 | 49.74 4.14 -16.87 | 34.45 3.79 -4.51 | 31.75 3.43 -4.52 | 30.36 3.16 -4.45 | 28.19 2.93 -5.31 | 31.57 2.61 -11.53 | 23.22 2.38 -4.76 |
| FREEPORT____CT2 23818 | 37.48 2.79 -15.68 | 26.36 2.50 -6.21 | 20.74 2.19 -2.99 | 20.48 2.07 -3.20 | 20.90 2.04 -3.82 | 21.99 2.32 -2.50 | 23.33 2.49 -3.21 | 26.03 2.71 -4.07 | 26.67 2.94 -3.20 | 27.85 2.91 -4.42 | 27.14 3.27 -0.47 | 28.04 3.38 -0.14 | 28.87 3.55 0.00 | 31.38 3.70 -1.06 | 32.62 3.84 -1.72 | 34.41 3.85 -3.42 | 41.30 4.08 -8.65 | 49.74 4.14 -16.87 | 34.45 3.79 -4.51 | 31.75 3.43 -4.52 | 30.36 3.16 -4.45 | 28.19 2.93 -5.31 | 31.57 2.61 -11.53 | 23.22 2.38 -4.76 |
| FULTON COGEN____ 23766 | 18.91 -0.09 0.00 | 17.56 -0.09 0.00 | 15.47 -0.09 0.00 | 15.16 -0.05 0.00 | 14.97 -0.06 0.00 | 17.12 -0.05 0.00 | 17.58 -0.05 0.00 | 19.14 -0.11 0.00 | 20.42 -0.12 0.00 | 20.40 -0.12 0.00 | 23.47 -0.12 -0.19 | 24.69 -0.10 -0.28 | 25.59 -0.10 -0.37 | 27.04 -0.08 -0.50 | 27.23 -0.05 -0.22 | 27.49 -0.05 -0.41 | 28.51 -0.06 0.00 | 29.07 -0.17 -0.51 | 26.50 -0.13 -0.47 | 24.29 -0.12 -0.60 | 22.84 -0.07 -0.16 | 20.29 -0.12 -0.46 | 17.28 -0.14 0.00 | 16.02 -0.13 -0.07 |
| FULTON____LFGE 323630 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.36 1.80 0.00 | 16.97 1.76 0.00 | 16.79 1.76 0.00 | 19.34 2.16 0.00 | 19.96 2.33 0.00 | 21.85 2.60 0.00 | 23.31 2.77 0.00 | 23.19 2.67 0.00 | 26.29 2.90 0.00 | 27.50 2.99 0.00 | 28.36 3.04 0.00 | 29.84 3.22 0.00 | 30.45 3.38 0.00 | 30.61 3.47 0.00 | 32.33 3.77 0.00 | 32.75 4.02 0.00 | 30.00 3.85 0.00 | 27.25 3.45 0.00 | 26.07 3.32 0.00 | 22.86 2.91 0.00 | 19.78 2.35 0.00 | 19.48 2.11 -1.30 |
| G.F.CEMENT____DRP 24184 | 20.83 1.82 0.00 | 19.29 1.64 0.00 | 16.99 1.43 0.00 | 16.58 1.37 0.00 | 16.40 1.37 0.00 | 18.74 1.56 0.00 | 19.27 1.64 0.00 | 21.19 1.94 0.00 | 22.74 2.20 0.00 | 22.74 2.22 0.00 | 25.68 2.29 0.00 | 26.94 2.43 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.61 2.54 0.00 | 29.77 2.63 0.00 | 31.33 2.77 0.00 | 31.60 2.87 0.00 | 28.95 2.80 0.00 | 26.28 2.48 0.00 | 25.21 2.46 0.00 | 22.10 2.15 0.00 | 19.24 1.81 0.00 | 18.83 1.59 -1.16 |
| GARDENVILLE____LBMP 24039 | 19.56 0.55 0.00 | 18.03 0.39 0.00 | 15.85 0.29 0.00 | 15.62 0.41 0.00 | 15.41 0.38 0.00 | 17.83 0.65 0.00 | 18.09 0.46 0.00 | 23.27 0.48 -3.53 | 27.00 0.43 -6.03 | 64.04 0.12 -43.40 | 79.61 0.05 -56.17 | 84.05 0.10 -59.44 | 95.91 0.13 -70.46 | 97.74 0.13 -70.99 | 97.63 0.11 -70.46 | 94.35 -0.03 -67.24 | 107.24 0.00 -78.67 | 85.54 -0.49 -57.29 | 49.12 -0.18 -23.15 | 47.42 -0.33 -23.95 | 64.18 -0.21 -41.63 | 41.06 -0.26 -21.38 | 35.34 -0.12 -18.04 | 20.79 0.18 -4.54 |
| GENERAL____MILLS 23808 | 19.63 0.63 0.00 | 18.10 0.46 0.00 | 15.92 0.36 0.00 | 15.68 0.47 0.00 | 15.47 0.44 0.00 | 17.90 0.72 0.00 | 18.18 0.55 0.00 | 24.17 0.58 -4.34 | 28.48 0.53 -7.41 | 65.34 0.21 -44.61 | 81.28 0.14 -57.75 | 85.85 0.22 -61.12 | 98.03 0.25 -72.45 | 99.85 0.24 -73.00 | 99.75 0.24 -72.44 | 96.38 0.11 -69.14 | 109.56 0.14 -80.85 | 87.28 -0.37 -58.92 | 49.89 -0.08 -23.81 | 48.21 -0.24 -24.65 | 65.44 -0.11 -42.81 | 41.76 -0.18 -21.99 | 35.91 -0.05 -18.54 | 20.98 0.24 -4.66 |
| GE_PLASTICS____DRP 24183 | 20.24 1.23 0.00 | 18.78 1.13 0.00 | 16.55 1.00 0.00 | 16.15 0.94 0.00 | 15.98 0.95 0.00 | 18.20 1.03 0.00 | 18.53 0.90 0.00 | 20.29 1.04 0.00 | 21.69 1.15 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.05 1.44 0.00 | 28.50 1.43 0.00 | 28.60 1.46 0.00 | 30.10 1.54 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.52 1.10 0.00 | 18.12 0.96 -1.07 |

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|--------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| GILBOA___1 23756 | 20.13 1.12 0.00 | 18.65 1.01 0.00 | 16.44 0.89 0.00 | 16.03 0.82 0.00 | 15.86 0.83 0.00 | 18.10 0.93 0.00 | 18.58 0.95 0.00 | 20.31 1.06 0.00 | 21.71 1.17 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.08 1.46 0.00 | 28.53 1.46 0.00 | 28.63 1.49 0.00 | 30.13 1.57 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.45 1.03 0.00 | 17.84 0.93 -0.83 |
| GILBOA___2 23757 | 20.13 1.12 0.00 | 18.65 1.01 0.00 | 16.44 0.89 0.00 | 16.03 0.82 0.00 | 15.86 0.83 0.00 | 18.10 0.93 0.00 | 18.58 0.95 0.00 | 20.31 1.06 0.00 | 21.71 1.17 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.08 1.46 0.00 | 28.53 1.46 0.00 | 28.63 1.49 0.00 | 30.13 1.57 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.45 1.03 0.00 | 17.84 0.93 -0.83 |
| GILBOA___3 23758 | 20.13 1.12 0.00 | 18.65 1.01 0.00 | 16.44 0.89 0.00 | 16.03 0.82 0.00 | 15.86 0.83 0.00 | 18.10 0.93 0.00 | 18.58 0.95 0.00 | 20.31 1.06 0.00 | 21.71 1.17 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.08 1.46 0.00 | 28.53 1.46 0.00 | 28.63 1.49 0.00 | 30.13 1.57 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.45 1.03 0.00 | 17.84 0.93 -0.83 |
| GILBOA___4 23759 | 20.13 1.12 0.00 | 18.65 1.01 0.00 | 16.44 0.89 0.00 | 16.03 0.82 0.00 | 15.86 0.83 0.00 | 18.10 0.93 0.00 | 18.58 0.95 0.00 | 20.31 1.06 0.00 | 21.71 1.17 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.08 1.46 0.00 | 28.53 1.46 0.00 | 28.63 1.49 0.00 | 30.13 1.57 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.45 1.03 0.00 | 17.84 0.93 -0.83 |
| GILBOA____ 23599 | 20.13 1.12 0.00 | 18.65 1.01 0.00 | 16.44 0.89 0.00 | 16.03 0.82 0.00 | 15.86 0.83 0.00 | 18.10 0.93 0.00 | 18.58 0.95 0.00 | 20.31 1.06 0.00 | 21.71 1.17 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.08 1.46 0.00 | 28.53 1.46 0.00 | 28.63 1.49 0.00 | 30.13 1.57 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.45 1.03 0.00 | 17.84 0.93 -0.83 |
| GINNA____ 23603 | 18.15 -0.85 0.00 | 16.80 -0.85 0.00 | 14.77 -0.79 0.00 | 14.54 -0.67 0.00 | 14.37 -0.66 0.00 | 16.52 -0.65 0.00 | 16.85 -0.78 0.00 | 17.80 -1.12 0.33 | 18.62 -1.36 0.56 | 19.23 -1.29 0.00 | 21.79 -1.38 0.22 | 22.74 -1.45 0.32 | 23.44 -1.47 0.42 | 24.55 -1.49 0.58 | 25.35 -1.46 0.25 | 25.17 -1.49 0.47 | 27.08 -1.49 0.00 | 26.41 -1.78 0.54 | 24.06 -1.60 0.50 | 21.69 -1.48 0.64 | 21.29 -1.30 0.17 | 18.20 -1.26 0.49 | 16.31 -1.12 0.00 | 15.23 -0.95 -0.10 |
| GLEN PARK____ 23778 | 19.48 0.48 0.00 | 18.07 0.42 0.00 | 15.89 0.33 0.00 | 15.59 0.38 0.00 | 15.36 0.33 0.00 | 17.71 0.53 0.00 | 18.23 0.60 0.00 | 19.94 0.69 0.00 | 21.34 0.80 0.00 | 21.40 0.88 0.00 | 24.60 1.15 -0.07 | 25.79 1.18 -0.10 | 26.49 1.04 -0.13 | 27.89 1.09 -0.18 | 28.36 1.22 -0.08 | 28.50 1.22 -0.14 | 29.68 1.11 0.00 | 29.91 1.01 -0.18 | 27.34 1.02 -0.16 | 24.99 0.98 -0.21 | 23.96 1.16 -0.06 | 20.94 0.84 -0.16 | 18.00 0.57 0.00 | 16.53 0.42 -0.03 |
| GLENWOOD_IC_1_G5 23712 | 32.54 2.51 -11.03 | 24.27 2.26 -4.37 | 19.69 1.98 -2.15 | 19.43 1.85 -2.36 | 19.86 1.83 -2.99 | 21.04 2.08 -1.79 | 22.47 2.26 -2.58 | 25.46 2.48 -3.72 | 26.06 2.69 -2.83 | 27.33 2.67 -4.15 | 26.93 3.06 -0.47 | 27.84 3.19 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.19 3.41 -1.72 | 33.97 3.42 -3.42 | 40.81 3.60 -8.65 | 49.25 3.65 -16.87 | 33.98 3.32 -4.51 | 31.42 3.09 -4.52 | 30.13 2.94 -4.45 | 27.97 2.71 -5.31 | 28.83 2.37 -9.03 | 22.15 2.16 -3.92 |
| GLENWOOD_IC_2_G1 23688 | 27.05 2.36 -5.68 | 22.03 2.13 -2.25 | 18.61 1.87 -1.19 | 18.34 1.73 -1.40 | 18.81 1.73 -2.05 | 20.11 1.96 -0.98 | 21.60 2.11 -1.86 | 24.91 2.33 -3.33 | 25.47 2.53 -2.41 | 26.86 2.50 -3.83 | 26.72 2.85 -0.47 | 27.62 2.96 -0.14 | 28.46 3.14 0.00 | 30.92 3.25 -1.06 | 32.11 3.33 -1.72 | 33.89 3.34 -3.42 | 40.73 3.51 -8.65 | 49.17 3.56 -16.87 | 33.93 3.27 -4.51 | 31.28 2.95 -4.52 | 29.93 2.73 -4.45 | 27.81 2.55 -5.31 | 25.83 2.23 -6.17 | 21.07 2.04 -2.95 |
| GLENWOOD_IC_3_G1 23689 | 27.05 2.36 -5.68 | 22.03 2.13 -2.25 | 18.61 1.87 -1.19 | 18.34 1.73 -1.40 | 18.81 1.73 -2.05 | 20.11 1.96 -0.98 | 21.60 2.11 -1.86 | 24.91 2.33 -3.33 | 25.47 2.53 -2.41 | 26.86 2.50 -3.83 | 26.72 2.85 -0.47 | 27.62 2.96 -0.14 | 28.46 3.14 0.00 | 30.92 3.25 -1.06 | 32.11 3.33 -1.72 | 33.89 3.34 -3.42 | 40.73 3.51 -8.65 | 49.17 3.56 -16.87 | 33.93 3.27 -4.51 | 31.28 2.95 -4.52 | 29.93 2.73 -4.45 | 27.81 2.55 -5.31 | 25.83 2.23 -6.17 | 21.07 2.04 -2.95 |
| GLENWOOD___4 23550 | 32.54 2.51 -11.03 | 24.27 2.26 -4.37 | 19.69 1.98 -2.15 | 19.43 1.85 -2.36 | 19.86 1.83 -2.99 | 21.04 2.08 -1.79 | 22.47 2.26 -2.58 | 25.46 2.48 -3.72 | 26.06 2.69 -2.83 | 27.33 2.67 -4.15 | 26.93 3.06 -0.47 | 27.84 3.19 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.25 3.47 -1.72 | 34.06 3.50 -3.42 | 40.90 3.69 -8.65 | 49.34 3.73 -16.87 | 34.06 3.40 -4.51 | 31.44 3.12 -4.52 | 30.13 2.94 -4.45 | 27.97 2.71 -5.31 | 28.83 2.37 -9.03 | 22.15 2.16 -3.92 |
| GLENWOOD___5 23614 | 32.54 2.51 -11.03 | 24.27 2.26 -4.37 | 19.69 1.98 -2.15 | 19.43 1.85 -2.36 | 19.86 1.83 -2.99 | 21.04 2.08 -1.79 | 22.47 2.26 -2.58 | 25.46 2.48 -3.72 | 26.06 2.69 -2.83 | 27.33 2.67 -4.15 | 26.93 3.06 -0.47 | 27.84 3.19 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.25 3.47 -1.72 | 34.06 3.50 -3.42 | 40.90 3.69 -8.65 | 49.34 3.73 -16.87 | 34.06 3.40 -4.51 | 31.44 3.12 -4.52 | 30.13 2.94 -4.45 | 27.97 2.71 -5.31 | 28.83 2.37 -9.03 | 22.15 2.16 -3.92 |
| GLOBAL GREEN_PORT_GT1 23814 | 25.80 4.52 -2.27 | 22.44 3.90 -0.89 | 19.73 3.60 -0.57 | 19.41 3.41 -0.79 | 19.85 3.37 -1.45 | 21.45 3.81 -0.46 | 23.05 4.02 -1.41 | 26.74 4.41 -3.08 | 27.32 4.64 -2.13 | 28.81 4.66 -3.63 | 29.55 5.68 -0.47 | 30.51 5.86 -0.14 | 31.66 6.33 0.00 | 34.28 6.60 -1.06 | 35.68 6.90 -1.72 | 37.61 7.05 -3.42 | 44.76 7.54 -8.65 | 53.25 7.64 -16.87 | 37.59 6.93 -4.51 | 34.49 6.16 -4.52 | 32.88 5.69 -4.45 | 30.20 4.95 -5.31 | 25.93 4.16 -4.34 | 22.07 3.67 -2.33 |
| GLOBE___DSASP 323697 | 18.66 -0.34 0.00 | 17.24 -0.41 0.00 | 15.15 -0.40 0.00 | 14.93 -0.27 0.00 | 14.75 -0.29 0.00 | 16.76 -0.41 0.00 | 16.99 -0.62 0.02 | 16.79 -0.69 1.77 | 16.71 -0.82 3.01 | 12.86 -0.92 6.74 | 13.30 -1.15 8.94 | 13.83 -1.13 9.55 | 12.80 -1.16 11.36 | 13.82 -1.20 11.60 | 14.58 -1.27 11.21 | 14.79 -1.41 10.93 | 14.78 -1.43 12.36 | 17.40 -1.92 9.41 | 20.55 -1.49 4.11 | 17.96 -1.45 4.39 | 14.87 -1.27 6.60 | 14.92 -1.20 3.83 | 13.71 -0.92 2.79 | 14.97 -0.55 0.56 |
| GOETHSLN___LBMP 323567 | 21.31 2.30 0.00 | 19.73 2.08 0.00 | 17.38 1.82 0.00 | 16.90 1.69 0.00 | 16.70 1.67 0.00 | 19.06 1.89 0.00 | 19.85 2.10 -0.12 | 21.61 2.27 -0.09 | 23.00 2.44 -0.02 | 23.22 2.44 -0.26 | 26.20 2.78 -0.03 | 28.00 2.89 -0.60 | 29.35 3.06 -0.96 | 29.83 3.14 -0.07 | 30.37 3.19 -0.11 | 30.56 3.20 -0.22 | 31.94 3.37 -0.01 | 32.12 3.39 0.00 | 29.26 3.11 0.00 | 26.95 2.85 -0.29 | 25.67 2.64 -0.29 | 23.37 2.51 -0.91 | 21.20 2.18 -1.59 | 19.06 1.99 -0.98 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| GOODYEAR_LAKE_HYD 323669 | 20.03 1.03 0.00 | 18.56 0.92 0.00 | 16.34 0.78 0.00 | 15.97 0.76 0.00 | 15.77 0.74 0.00 | 18.08 0.91 0.00 | 18.63 1.00 0.00 | 20.37 1.12 0.00 | 21.75 1.21 0.00 | 21.73 1.21 0.00 | 24.79 1.40 0.00 | 25.93 1.42 0.00 | 26.77 1.44 0.00 | 28.13 1.52 0.00 | 28.66 1.60 0.00 | 28.76 1.63 0.00 | 30.25 1.68 0.00 | 30.37 1.64 0.00 | 27.72 1.57 0.00 | 25.21 1.40 0.00 | 24.11 1.36 0.00 | 21.14 1.20 0.00 | 18.40 0.98 0.00 | 17.21 0.88 -0.24 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.73 0.72 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.54 0.51 0.00 | 17.84 0.67 0.00 | 18.30 0.67 0.00 | 20.09 0.65 -0.19 | 21.54 0.68 -0.32 | 21.05 0.53 0.00 | 23.93 0.59 0.05 | 25.10 0.66 0.07 | 25.92 0.68 0.09 | 27.23 0.74 0.13 | 27.77 0.76 0.06 | 27.79 0.76 0.10 | 29.33 0.77 0.00 | 29.23 0.63 0.13 | 26.71 0.68 0.12 | 24.24 0.60 0.16 | 23.32 0.61 0.04 | 20.34 0.52 0.12 | 17.86 0.44 0.00 | 16.85 0.50 -0.27 |
| GOUDEY___7 23579 | 19.75 0.74 0.00 | 18.28 0.63 0.00 | 16.09 0.53 0.00 | 15.75 0.55 0.00 | 15.56 0.53 0.00 | 17.86 0.69 0.00 | 18.30 0.67 0.00 | 20.11 0.67 -0.19 | 21.56 0.70 -0.32 | 21.07 0.55 0.00 | 23.95 0.61 0.05 | 25.12 0.69 0.07 | 25.94 0.71 0.09 | 27.26 0.77 0.13 | 27.79 0.79 0.06 | 27.82 0.79 0.10 | 29.36 0.80 0.00 | 29.26 0.66 0.13 | 26.74 0.71 0.12 | 24.26 0.62 0.16 | 23.34 0.64 0.04 | 20.34 0.52 0.12 | 17.88 0.45 0.00 | 16.87 0.51 -0.27 |
| GOUDEY___8 23580 | 19.73 0.72 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.54 0.51 0.00 | 17.84 0.67 0.00 | 18.30 0.67 0.00 | 20.09 0.65 -0.19 | 21.54 0.68 -0.32 | 21.05 0.53 0.00 | 23.93 0.59 0.05 | 25.10 0.66 0.07 | 25.92 0.68 0.09 | 27.23 0.74 0.13 | 27.77 0.76 0.06 | 27.79 0.76 0.10 | 29.33 0.77 0.00 | 29.23 0.63 0.13 | 26.71 0.68 0.12 | 24.24 0.60 0.16 | 23.32 0.61 0.04 | 20.34 0.52 0.12 | 17.86 0.44 0.00 | 16.85 0.50 -0.27 |
| GOWANUS_GT1_1 24077 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_2 24078 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_3 24079 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_4 24080 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_5 24084 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_6 24111 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_7 24112 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT1_8 24113 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_1 24114 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_2 24115 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_3 24116 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| GOWANUS_GT2_4 24117 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_5 24118 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_6 24119 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_7 24120 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT2_8 24121 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_1 24122 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_2 24123 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_3 24124 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_4 24125 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_5 24126 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_6 24127 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_7 24128 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT3_8 24129 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_1 24130 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_2 24131 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_4 24133 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_5 24134 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_6 24135 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_7 24136 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GOWANUS_GT4_8 24137 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GREENIDGE___3 23582 | 19.69 0.68 0.00 | 18.21 0.56 0.00 | 16.01 0.45 0.00 | 15.71 0.50 0.00 | 15.51 0.48 0.00 | 17.88 0.70 0.00 | 18.32 0.69 0.00 | 20.22 0.65 -0.31 | 21.73 0.66 -0.54 | 20.99 0.47 0.00 | 23.83 0.54 0.10 | 25.02 0.66 0.15 | 25.81 0.68 0.20 | 27.15 0.80 0.27 | 27.76 0.81 0.12 | 27.73 0.81 0.22 | 29.42 0.86 0.00 | 29.04 0.57 0.27 | 26.56 0.65 0.25 | 24.03 0.55 0.32 | 23.28 0.61 0.08 | 20.12 0.42 0.24 | 17.72 0.30 0.00 | 16.62 0.37 -0.17 |
| GREENIDGE___4 23583 | 19.69 0.68 0.00 | 18.21 0.56 0.00 | 16.01 0.45 0.00 | 15.71 0.50 0.00 | 15.51 0.48 0.00 | 17.88 0.70 0.00 | 18.32 0.69 0.00 | 20.22 0.65 -0.31 | 21.73 0.66 -0.54 | 20.99 0.47 0.00 | 23.83 0.54 0.10 | 25.02 0.66 0.15 | 25.81 0.68 0.20 | 27.15 0.80 0.27 | 27.76 0.81 0.12 | 27.73 0.81 0.22 | 29.42 0.86 0.00 | 29.04 0.57 0.27 | 26.56 0.65 0.25 | 24.03 0.55 0.32 | 23.28 0.61 0.08 | 20.12 0.42 0.24 | 17.72 0.30 0.00 | 16.62 0.37 -0.17 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| GROVEVILLE___HYD 323602 | 21.10 2.09 0.00 | 19.57 1.92 0.00 | 17.24 1.68 0.00 | 16.77 1.57 0.00 | 16.60 1.56 0.00 | 18.94 1.77 0.00 | 19.55 1.92 0.00 | 21.29 2.04 0.00 | 22.78 2.24 0.00 | 22.74 2.22 0.00 | 25.96 2.57 0.00 | 27.16 2.65 0.00 | 28.16 2.84 0.00 | 29.57 2.95 0.00 | 30.10 3.03 0.00 | 30.23 3.09 0.00 | 31.82 3.25 0.00 | 32.06 3.33 0.00 | 29.19 3.03 0.00 | 26.54 2.74 0.00 | 25.23 2.48 0.00 | 22.26 2.31 0.00 | 19.41 1.99 0.00 | 18.78 1.83 -0.87 |
| HAMPSHIRE___PAPER_HYD 323593 | 18.55 -0.46 0.00 | 17.24 -0.41 0.00 | 15.20 -0.36 0.00 | 14.89 -0.32 0.00 | 14.69 -0.35 0.00 | 16.87 -0.31 0.00 | 17.35 -0.28 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.33 -0.19 0.00 | 23.23 -0.16 0.00 | 24.36 -0.15 0.00 | 25.02 -0.30 0.00 | 26.30 -0.32 0.00 | 26.74 -0.32 0.00 | 26.65 -0.49 0.00 | 27.99 -0.57 0.00 | 28.16 -0.57 0.00 | 25.68 -0.47 0.00 | 23.52 -0.28 0.00 | 22.64 -0.11 0.00 | 19.73 -0.22 0.00 | 17.18 -0.24 0.00 | 15.79 -0.29 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 19.82 0.82 0.00 | 18.39 0.74 0.00 | 16.20 0.64 0.00 | 15.83 0.62 0.00 | 15.62 0.59 0.00 | 17.86 0.69 0.00 | 18.37 0.74 0.00 | 20.08 0.83 0.00 | 21.48 0.95 0.00 | 21.48 0.96 0.00 | 24.54 1.15 0.00 | 25.64 1.13 0.00 | 26.52 1.19 0.00 | 27.84 1.23 0.00 | 28.34 1.27 0.00 | 28.41 1.28 0.00 | 29.88 1.31 0.00 | 29.99 1.26 0.00 | 27.30 1.15 0.00 | 24.85 1.05 0.00 | 23.77 1.02 0.00 | 20.86 0.92 0.00 | 18.17 0.75 0.00 | 16.70 0.64 0.02 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.89 1.88 0.00 | 19.36 1.71 0.00 | 17.05 1.49 0.00 | 16.59 1.38 0.00 | 16.42 1.38 0.00 | 18.74 1.56 0.00 | 19.34 1.71 0.00 | 21.06 1.81 0.00 | 22.51 1.97 0.00 | 22.47 1.95 0.00 | 25.66 2.27 0.00 | 26.86 2.35 0.00 | 27.83 2.51 0.00 | 29.25 2.64 0.00 | 29.77 2.71 0.00 | 29.87 2.74 0.00 | 31.45 2.88 0.00 | 31.69 2.96 0.00 | 28.87 2.72 0.00 | 26.23 2.43 0.00 | 24.95 2.21 0.00 | 22.02 2.07 0.00 | 19.20 1.78 0.00 | 18.53 1.66 -0.80 |
| HARZA MOOSE___RIVER 24016 | 19.42 0.42 0.00 | 18.02 0.37 0.00 | 15.85 0.29 0.00 | 15.53 0.32 0.00 | 15.32 0.28 0.00 | 17.60 0.43 0.00 | 18.11 0.48 0.00 | 19.81 0.56 0.00 | 21.18 0.64 0.00 | 21.20 0.68 0.00 | 24.26 0.87 0.00 | 25.39 0.88 0.00 | 26.11 0.79 0.00 | 27.47 0.85 0.00 | 27.99 0.92 0.00 | 28.06 0.92 0.00 | 29.45 0.89 0.00 | 29.57 0.83 0.00 | 26.94 0.78 0.00 | 24.54 0.74 0.00 | 23.57 0.82 0.00 | 20.56 0.62 0.00 | 17.88 0.45 0.00 | 16.43 0.35 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.21 2.03 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.16 2.61 -0.02 | 26.43 2.59 -3.33 | 28.37 2.97 -2.01 | 28.22 3.09 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.20 3.63 -0.01 | 32.44 3.71 0.00 | 29.54 3.38 -0.01 | 27.17 3.07 -0.30 | 26.37 2.84 -0.78 | 23.52 2.63 -0.94 | 21.37 2.30 -1.64 | 20.58 2.11 -2.39 |

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|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| HEMPSTEAD____ 23647 | 34.00 2.56 -12.43 | 24.88 2.31 -4.92 | 20.00 2.04 -2.40 | 19.72 1.90 -2.62 | 20.15 1.88 -3.24 | 21.31 2.13 -2.00 | 22.71 2.31 -2.77 | 25.60 2.52 -3.83 | 26.21 2.73 -2.94 | 27.46 2.71 -4.23 | 26.93 3.06 -0.47 | 27.79 3.14 -0.14 | 28.62 3.29 0.00 | 31.14 3.46 -1.06 | 32.30 3.52 -1.72 | 34.08 3.53 -3.42 | 40.93 3.71 -8.65 | 49.37 3.76 -16.87 | 34.11 3.45 -4.51 | 31.47 3.14 -4.52 | 30.11 2.91 -4.45 | 27.97 2.71 -5.31 | 29.62 2.41 -9.79 | 22.45 2.20 -4.17 |
| HICKLING____1 23621 | 20.01 1.01 0.00 | 18.47 0.83 0.00 | 16.24 0.68 0.00 | 15.95 0.74 0.00 | 15.74 0.71 0.00 | 18.15 0.98 0.00 | 18.58 0.95 0.00 | 20.94 0.92 -0.77 | 22.81 0.97 -1.31 | 24.69 0.64 -3.54 | 28.60 0.70 -4.50 | 30.06 0.81 -4.74 | 31.76 0.83 -5.60 | 33.14 0.93 -5.59 | 33.66 0.95 -5.65 | 33.38 0.92 -5.32 | 36.06 0.94 -6.56 | 33.88 0.66 -4.48 | 28.68 0.81 -1.71 | 26.19 0.67 -1.73 | 26.81 0.73 -3.34 | 22.07 0.56 -1.57 | 19.37 0.47 -1.47 | 17.28 0.63 -0.57 |
| HICKLING____2 23622 | 20.01 1.01 0.00 | 18.47 0.83 0.00 | 16.24 0.68 0.00 | 15.95 0.74 0.00 | 15.74 0.71 0.00 | 18.15 0.98 0.00 | 18.58 0.95 0.00 | 20.94 0.92 -0.77 | 22.81 0.97 -1.31 | 24.69 0.64 -3.54 | 28.60 0.70 -4.50 | 30.06 0.81 -4.74 | 31.76 0.83 -5.60 | 33.14 0.93 -5.59 | 33.66 0.95 -5.65 | 33.38 0.92 -5.32 | 36.06 0.94 -6.56 | 33.88 0.66 -4.48 | 28.68 0.81 -1.71 | 26.19 0.67 -1.73 | 26.81 0.73 -3.34 | 22.07 0.56 -1.57 | 19.37 0.47 -1.47 | 17.28 0.63 -0.57 |
| HIGH FALLS____HY 23754 | 20.98 1.98 0.00 | 19.48 1.84 0.00 | 17.16 1.60 0.00 | 16.68 1.47 0.00 | 16.52 1.49 0.00 | 18.86 1.68 0.00 | 19.50 1.87 0.00 | 21.19 1.94 0.00 | 22.66 2.12 0.00 | 22.61 2.09 0.00 | 25.82 2.43 0.00 | 27.04 2.53 0.00 | 28.04 2.71 0.00 | 29.49 2.88 0.00 | 30.02 2.95 0.00 | 30.15 3.01 0.00 | 31.76 3.20 0.00 | 32.01 3.27 0.00 | 29.16 3.01 0.00 | 26.49 2.69 0.00 | 25.16 2.41 0.00 | 22.20 2.25 0.00 | 19.32 1.90 0.00 | 18.70 1.77 -0.86 |
| HILLBURN____GT 23639 | 20.95 1.94 0.00 | 19.41 1.76 0.00 | 17.10 1.54 0.00 | 16.62 1.41 0.00 | 16.45 1.41 0.00 | 18.77 1.60 0.00 | 19.37 1.75 0.00 | 21.14 1.89 0.00 | 22.57 2.03 0.00 | 22.55 2.03 0.00 | 25.71 2.32 0.00 | 26.94 2.43 0.00 | 27.91 2.58 0.00 | 29.28 2.66 0.00 | 29.83 2.76 0.00 | 29.90 2.77 0.00 | 31.48 2.91 0.00 | 31.72 2.99 0.00 | 28.90 2.75 0.00 | 26.28 2.48 0.00 | 25.00 2.25 0.00 | 22.06 2.11 0.00 | 19.27 1.85 0.00 | 18.59 1.70 -0.81 |
| HISHELDN_WT_PWR 323625 | 19.54 0.53 0.00 | 18.02 0.37 0.00 | 15.84 0.28 0.00 | 15.60 0.39 0.00 | 15.39 0.36 0.00 | 17.81 0.64 0.00 | 18.09 0.46 0.00 | 21.69 0.44 -1.99 | 24.33 0.39 -3.40 | 20.35 -0.16 0.00 | 23.00 -0.23 0.16 | 24.09 -0.20 0.23 | 24.85 -0.18 0.30 | 26.05 -0.16 0.41 | 26.70 -0.19 0.18 | 26.53 -0.27 0.33 | 28.28 -0.29 0.00 | 27.64 -0.69 0.41 | 25.38 -0.39 0.38 | 22.80 -0.52 0.48 | 22.24 -0.39 0.13 | 19.14 -0.44 0.37 | 17.09 -0.33 0.00 | 16.17 -0.06 -0.16 |
| HOLTSVILLE_IC_1 23690 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.73 3.06 -2.13 | 27.12 2.97 -3.63 | 27.28 3.42 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.76 3.98 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.83 4.23 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| HOLTSVILLE_IC_10 23699 | 24.65 3.21 -2.43 | 21.41 2.81 -0.96 | 18.73 2.57 -0.60 | 18.45 2.42 -0.82 | 18.92 2.40 -1.48 | 20.37 2.71 -0.48 | 21.95 2.89 -1.43 | 25.46 3.12 -3.09 | 25.91 3.22 -2.15 | 27.30 3.14 -3.64 | 27.47 3.60 -0.47 | 28.31 3.65 -0.14 | 29.22 3.90 0.00 | 31.72 4.04 -1.06 | 33.03 4.25 -1.72 | 34.76 4.21 -3.42 | 41.67 4.45 -8.65 | 50.14 4.54 -16.87 | 34.87 4.21 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.49 3.23 -5.31 | 24.71 2.86 -4.43 | 21.03 2.59 -2.36 |
| HOLTSVILLE_IC_2 23691 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.73 3.06 -2.13 | 27.12 2.97 -3.63 | 27.28 3.42 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.76 3.98 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.83 4.23 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| HOLTSVILLE_IC_3 23692 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.73 3.06 -2.13 | 27.12 2.97 -3.63 | 27.28 3.42 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.76 3.98 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.83 4.23 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| HOLTSVILLE_IC_4 23693 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.73 3.06 -2.13 | 27.12 2.97 -3.63 | 27.28 3.42 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.76 3.98 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.83 4.23 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| HOLTSVILLE_IC_5 23694 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.73 3.06 -2.13 | 27.12 2.97 -3.63 | 27.28 3.42 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.76 3.98 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.83 4.23 -16.87 | 34.58 3.92 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| HOLTSVILLE_IC_6 23695 | 24.65 3.21 -2.43 | 21.41 2.81 -0.96 | 18.73 2.57 -0.60 | 18.45 2.42 -0.82 | 18.92 2.40 -1.48 | 20.37 2.71 -0.48 | 21.95 2.89 -1.43 | 25.46 3.12 -3.09 | 25.91 3.22 -2.15 | 27.30 3.14 -3.64 | 27.47 3.60 -0.47 | 28.31 3.65 -0.14 | 29.22 3.90 0.00 | 31.72 4.04 -1.06 | 33.03 4.25 -1.72 | 34.76 4.21 -3.42 | 41.67 4.45 -8.65 | 50.14 4.54 -16.87 | 34.87 4.21 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.49 3.23 -5.31 | 24.71 2.86 -4.43 | 21.03 2.59 -2.36 |
| HOLTSVILLE_IC_7 23696 | 24.65 3.21 -2.43 | 21.41 2.81 -0.96 | 18.73 2.57 -0.60 | 18.45 2.42 -0.82 | 18.92 2.40 -1.48 | 20.37 2.71 -0.48 | 21.95 2.89 -1.43 | 25.46 3.12 -3.09 | 25.91 3.22 -2.15 | 27.30 3.14 -3.64 | 27.47 3.60 -0.47 | 28.31 3.65 -0.14 | 29.22 3.90 0.00 | 31.72 4.04 -1.06 | 33.03 4.25 -1.72 | 34.76 4.21 -3.42 | 41.67 4.45 -8.65 | 50.14 4.54 -16.87 | 34.87 4.21 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.49 3.23 -5.31 | 24.71 2.86 -4.43 | 21.03 2.59 -2.36 |
| HOLTSVILLE_IC_8 23697 | 24.65 3.21 -2.43 | 21.41 2.81 -0.96 | 18.73 2.57 -0.60 | 18.45 2.42 -0.82 | 18.92 2.40 -1.48 | 20.37 2.71 -0.48 | 21.95 2.89 -1.43 | 25.46 3.12 -3.09 | 25.91 3.22 -2.15 | 27.30 3.14 -3.64 | 27.47 3.60 -0.47 | 28.31 3.65 -0.14 | 29.22 3.90 0.00 | 31.72 4.04 -1.06 | 33.03 4.25 -1.72 | 34.76 4.21 -3.42 | 41.67 4.45 -8.65 | 50.14 4.54 -16.87 | 34.87 4.21 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.49 3.23 -5.31 | 24.71 2.86 -4.43 | 21.03 2.59 -2.36 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| HOLTSVILLE_IC_9 23698 | 24.65 3.21 -2.43 | 21.41 2.81 -0.96 | 18.73 2.57 -0.60 | 18.45 2.42 -0.82 | 18.92 2.40 -1.48 | 20.37 2.71 -0.48 | 21.95 2.89 -1.43 | 25.46 3.12 -3.09 | 25.91 3.22 -2.15 | 27.30 3.14 -3.64 | 27.47 3.60 -0.47 | 28.31 3.65 -0.14 | 29.22 3.90 0.00 | 31.72 4.04 -1.06 | 33.03 4.25 -1.72 | 34.76 4.21 -3.42 | 41.67 4.45 -8.65 | 50.14 4.54 -16.87 | 34.87 4.21 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.49 3.23 -5.31 | 24.71 2.86 -4.43 | 21.03 2.59 -2.36 |
| HOWARD_WT_PWR 323690 | 20.05 1.04 0.00 | 18.49 0.85 0.00 | 16.26 0.70 0.00 | 15.98 0.78 0.00 | 15.77 0.74 0.00 | 18.26 1.08 0.00 | 18.69 1.06 0.00 | 21.58 1.10 -1.23 | 23.77 1.13 -2.10 | 27.99 0.70 -6.78 | 32.84 0.77 -8.68 | 34.59 0.93 -9.15 | 37.12 0.96 -10.83 | 38.56 1.09 -10.85 | 39.07 1.11 -10.89 | 38.49 1.06 -10.30 | 42.17 1.09 -12.52 | 38.18 0.72 -8.73 | 30.34 0.78 -3.40 | 27.86 0.60 -3.46 | 29.87 0.68 -6.44 | 23.53 0.46 -3.13 | 20.65 0.40 -2.82 | 17.49 0.55 -0.87 |
| HQ_GEN_CEDARS 23644 | 17.62 -1.39 0.00 | 16.39 -1.25 0.00 | 14.50 -1.06 0.00 | 14.19 -1.02 0.00 | 14.01 -1.02 0.00 | 16.01 -1.17 0.00 | 16.47 -1.16 0.00 | 18.08 -1.17 0.00 | 19.27 -1.27 0.00 | 19.29 -1.23 0.00 | 21.96 -1.43 0.00 | 23.06 -1.45 0.00 | 23.73 -1.59 0.00 | 24.97 -1.65 0.00 | 25.36 -1.70 0.00 | 25.29 -1.85 0.00 | 26.65 -1.91 0.00 | 26.95 -1.78 0.00 | 24.45 -1.70 0.00 | 22.37 -1.43 0.00 | 21.43 -1.32 0.00 | 18.69 -1.26 0.00 | 16.34 -1.08 0.00 | 15.07 -1.01 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 17.62 -1.39 0.00 | 16.39 -1.25 0.00 | 14.50 -1.06 0.00 | 14.19 -1.02 0.00 | 14.01 -1.02 0.00 | 16.01 -1.17 0.00 | 17.13 -1.16 -0.66 | 17.41 -1.17 0.66 | 19.27 -1.27 0.00 | 19.29 -1.23 0.00 | 21.96 -1.43 0.00 | 23.06 -1.45 0.00 | 23.73 -1.59 0.00 | 24.97 -1.65 0.00 | 25.36 -1.70 0.00 | 25.29 -1.85 0.00 | 26.65 -1.91 0.00 | 26.95 -1.78 0.00 | 24.45 -1.70 0.00 | 22.37 -1.43 0.00 | 21.43 -1.32 0.00 | 18.69 -1.26 0.00 | 16.25 -1.08 0.10 | 15.16 -1.01 -0.10 |
| HQ_GEN_IMPORT 323601 | 18.25 -0.76 0.00 | 16.96 -0.69 0.00 | 14.97 -0.59 0.00 | 14.63 -0.58 0.00 | 14.46 -0.57 0.00 | 16.52 -0.65 0.00 | 17.64 -0.65 -0.66 | 17.91 -0.67 0.66 | 19.80 -0.74 0.00 | 19.80 -0.72 0.00 | 22.08 -0.84 0.47 | 22.21 -0.86 1.44 | 24.20 -0.91 0.21 | 24.20 -0.96 1.46 | 24.20 -0.97 1.89 | 24.20 -1.00 1.93 | 26.32 -1.06 1.19 | 27.75 -0.98 0.00 | 25.21 -0.94 0.00 | 22.97 -0.83 0.00 | 21.95 -0.80 0.00 | 19.23 -0.72 0.00 | 16.70 -0.63 0.10 | 15.60 -0.58 -0.10 |
| HQ_GEN_WHEEL 23651 | 18.25 -0.76 0.00 | 16.96 -0.69 0.00 | 14.97 -0.59 0.00 | 14.63 -0.58 0.00 | 14.46 -0.57 0.00 | 16.52 -0.65 0.00 | 17.64 -0.65 -0.66 | 17.91 -0.67 0.66 | 19.80 -0.74 0.00 | 19.80 -0.72 0.00 | 22.08 -0.84 0.47 | 22.21 -0.86 1.44 | 24.20 -0.91 0.21 | 24.20 -0.96 1.46 | 24.20 -0.97 1.89 | 24.20 -1.00 1.93 | 26.32 -1.06 1.19 | 27.75 -0.98 0.00 | 25.21 -0.94 0.00 | 22.97 -0.83 0.00 | 21.95 -0.80 0.00 | 19.23 -0.72 0.00 | 16.70 -0.63 0.10 | 15.60 -0.58 -0.10 |
| HUDSON_AVE_GT_3 23810 | 21.38 2.38 0.00 | 19.80 2.15 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.12 2.57 -0.02 | 23.34 2.56 -0.26 | 26.35 2.92 -0.03 | 28.17 3.06 -0.60 | 29.50 3.22 -0.96 | 30.01 3.33 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.38 3.65 0.00 | 29.48 3.32 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.47 2.61 -0.91 | 21.30 2.28 -1.59 | 19.14 2.08 -0.98 |
| HUDSON_AVE_GT_4 23540 | 21.38 2.38 0.00 | 19.80 2.15 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.12 2.57 -0.02 | 23.34 2.56 -0.26 | 26.35 2.92 -0.03 | 28.17 3.06 -0.60 | 29.50 3.22 -0.96 | 30.01 3.33 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.38 3.65 0.00 | 29.48 3.32 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.47 2.61 -0.91 | 21.30 2.28 -1.59 | 19.14 2.08 -0.98 |
| HUDSON_AVE_GT_5 23657 | 21.38 2.38 0.00 | 19.80 2.15 0.00 | 17.44 1.88 0.00 | 16.96 1.75 0.00 | 16.76 1.73 0.00 | 19.13 1.96 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.12 2.57 -0.02 | 23.34 2.56 -0.26 | 26.35 2.92 -0.03 | 28.17 3.06 -0.60 | 29.50 3.22 -0.96 | 30.01 3.33 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.38 3.65 0.00 | 29.48 3.32 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.47 2.61 -0.91 | 21.30 2.28 -1.59 | 19.14 2.08 -0.98 |
| HUDSON_AVE_10 24168 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.72 1.68 0.00 | 19.10 1.92 0.00 | 19.86 2.11 -0.12 | 21.68 2.35 -0.09 | 23.08 2.53 -0.02 | 23.30 2.52 -0.26 | 26.25 2.83 -0.03 | 28.07 2.96 -0.60 | 29.43 3.14 -0.96 | 29.96 3.27 -0.07 | 30.53 3.36 -0.11 | 30.72 3.36 -0.22 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.42 3.27 0.00 | 27.07 2.97 -0.29 | 25.79 2.75 -0.29 | 23.43 2.57 -0.91 | 21.28 2.26 -1.59 | 19.10 2.04 -0.98 |
| HUNTER_MOUNT___DRP 323613 | 20.75 1.75 0.00 | 19.30 1.66 0.00 | 17.02 1.46 0.00 | 16.56 1.35 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.18 1.55 0.00 | 20.85 1.60 0.00 | 22.33 1.79 0.00 | 22.28 1.76 0.00 | 25.50 2.11 0.00 | 26.67 2.16 0.00 | 27.63 2.30 0.00 | 29.06 2.45 0.00 | 29.55 2.49 0.00 | 29.74 2.61 0.00 | 31.31 2.74 0.00 | 31.58 2.85 0.00 | 28.74 2.59 0.00 | 26.11 2.31 0.00 | 24.80 2.05 0.00 | 21.82 1.87 0.00 | 19.05 1.62 0.00 | 18.50 1.50 -0.93 |
| HUNTINGTON_RES_REC 323705 | 24.34 2.89 -2.45 | 21.15 2.54 -0.97 | 18.42 2.26 -0.61 | 18.19 2.16 -0.82 | 18.65 2.13 -1.48 | 20.08 2.42 -0.49 | 21.65 2.59 -1.43 | 25.17 2.83 -3.09 | 25.71 3.02 -2.15 | 27.12 2.96 -3.64 | 27.09 3.23 -0.47 | 27.96 3.31 -0.14 | 28.84 3.52 0.00 | 31.38 3.70 -1.06 | 32.65 3.87 -1.72 | 34.41 3.85 -3.42 | 41.30 4.08 -8.65 | 49.74 4.14 -16.87 | 34.48 3.82 -4.51 | 31.78 3.45 -4.52 | 30.36 3.16 -4.45 | 28.15 2.89 -5.31 | 24.53 2.67 -4.43 | 20.91 2.48 -2.36 |
| HUNTLEY___63 23557 | 19.39 0.38 0.00 | 17.87 0.23 0.00 | 15.71 0.16 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.59 0.41 0.00 | 17.87 0.23 -0.01 | 23.73 0.27 -4.21 | 27.89 0.21 -7.15 | 13.88 -0.06 6.58 | 14.50 -0.16 8.73 | 15.09 -0.10 9.32 | 14.17 -0.08 11.08 | 15.22 -0.08 11.32 | 16.02 -0.11 10.93 | 16.19 -0.27 10.67 | 15.92 -0.23 12.41 | 19.02 -0.77 8.94 | 21.79 -0.42 3.95 | 19.02 -0.57 4.21 | 16.04 -0.43 6.27 | 15.81 -0.46 3.68 | 14.44 -0.31 2.67 | 15.52 0.00 0.56 |
| HUNTLEY___64 23558 | 19.39 0.38 0.00 | 17.87 0.23 0.00 | 15.71 0.16 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.59 0.41 0.00 | 17.87 0.23 -0.01 | 23.73 0.27 -4.21 | 27.89 0.21 -7.15 | 13.88 -0.06 6.58 | 14.50 -0.16 8.73 | 15.09 -0.10 9.32 | 14.17 -0.08 11.08 | 15.22 -0.08 11.32 | 16.02 -0.11 10.93 | 16.19 -0.27 10.67 | 15.92 -0.23 12.41 | 19.02 -0.77 8.94 | 21.79 -0.42 3.95 | 19.02 -0.57 4.21 | 16.04 -0.43 6.27 | 15.81 -0.46 3.68 | 14.44 -0.31 2.67 | 15.52 0.00 0.56 |
| HUNTLEY___65 23559 | 19.39 0.38 0.00 | 17.87 0.23 0.00 | 15.71 0.16 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.59 0.41 0.00 | 17.87 0.23 -0.01 | 23.73 0.27 -4.21 | 27.89 0.21 -7.15 | 13.88 -0.06 6.58 | 14.50 -0.16 8.73 | 15.09 -0.10 9.32 | 14.17 -0.08 11.08 | 15.22 -0.08 11.32 | 16.02 -0.11 10.93 | 16.19 -0.27 10.67 | 15.92 -0.23 12.41 | 19.02 -0.77 8.94 | 21.79 -0.42 3.95 | 19.02 -0.57 4.21 | 16.04 -0.43 6.27 | 15.81 -0.46 3.68 | 14.44 -0.31 2.67 | 15.52 0.00 0.56 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| HUNTLEY___66 23560 | 19.39 0.38 0.00 | 17.87 0.23 0.00 | 15.71 0.16 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.59 0.41 0.00 | 17.87 0.23 -0.01 | 23.73 0.27 -4.21 | 27.89 0.21 -7.15 | 13.88 -0.06 6.58 | 14.50 -0.16 8.73 | 15.09 -0.10 9.32 | 14.17 -0.08 11.08 | 15.22 -0.08 11.32 | 16.02 -0.11 10.93 | 16.19 -0.27 10.67 | 15.92 -0.23 12.41 | 19.02 -0.77 8.94 | 21.79 -0.42 3.95 | 19.02 -0.57 4.21 | 16.04 -0.43 6.27 | 15.81 -0.46 3.68 | 14.44 -0.31 2.67 | 15.52 0.00 0.56 |
| HUNTLEY___67 23561 | 19.25 0.25 0.00 | 17.77 0.12 0.00 | 15.62 0.06 0.00 | 15.39 0.18 0.00 | 15.18 0.15 0.00 | 17.57 0.40 0.00 | 17.79 0.16 0.00 | 22.82 0.12 -3.45 | 26.48 0.04 -5.89 | 63.41 -0.27 -43.16 | 78.85 -0.40 -55.86 | 83.26 -0.37 -59.11 | 95.04 -0.35 -70.07 | 96.83 -0.37 -70.59 | 96.73 -0.41 -70.07 | 93.45 -0.54 -66.86 | 106.29 -0.51 -78.24 | 84.67 -1.03 -56.97 | 48.48 -0.68 -23.01 | 46.84 -0.76 -23.80 | 63.54 -0.61 -41.40 | 40.57 -0.62 -21.25 | 34.91 -0.45 -17.94 | 20.46 -0.13 -4.51 |
| HUNTLEY___68 23562 | 19.25 0.25 0.00 | 17.77 0.12 0.00 | 15.62 0.06 0.00 | 15.39 0.18 0.00 | 15.18 0.15 0.00 | 17.57 0.40 0.00 | 17.79 0.16 0.00 | 22.82 0.12 -3.45 | 26.48 0.04 -5.89 | 63.41 -0.27 -43.16 | 78.85 -0.40 -55.86 | 83.26 -0.37 -59.11 | 95.04 -0.35 -70.07 | 96.83 -0.37 -70.59 | 96.73 -0.41 -70.07 | 93.45 -0.54 -66.86 | 106.29 -0.51 -78.24 | 84.67 -1.03 -56.97 | 48.48 -0.68 -23.01 | 46.84 -0.76 -23.80 | 63.54 -0.61 -41.40 | 40.57 -0.62 -21.25 | 34.91 -0.45 -17.94 | 20.46 -0.13 -4.51 |
| HYLAND___LFGE 323620 | 19.94 0.93 0.00 | 18.40 0.76 0.00 | 16.15 0.59 0.00 | 15.94 0.73 0.00 | 15.74 0.71 0.00 | 18.19 1.01 0.00 | 18.60 0.97 0.00 | 20.52 0.77 -0.50 | 22.03 0.64 -0.85 | 21.40 0.57 -0.31 | 24.38 0.75 -0.24 | 25.53 0.83 -0.19 | 26.41 0.89 -0.20 | 27.74 1.04 -0.09 | 28.49 1.11 -0.32 | 28.36 1.09 -0.14 | 30.31 1.20 -0.55 | 29.48 0.75 0.00 | 26.72 0.78 0.22 | 24.15 0.67 0.32 | 23.73 0.82 -0.17 | 20.22 0.50 0.22 | 17.90 0.35 -0.13 | 16.69 0.43 -0.18 |
| INDECK___CORINTH 23802 | 20.57 1.56 0.00 | 19.02 1.38 0.00 | 16.77 1.21 0.00 | 16.36 1.16 0.00 | 16.19 1.16 0.00 | 18.48 1.30 0.00 | 19.02 1.39 0.00 | 20.92 1.67 0.00 | 22.45 1.91 0.00 | 22.45 1.93 0.00 | 25.33 1.94 0.00 | 26.57 2.06 0.00 | 27.48 2.15 0.00 | 28.83 2.21 0.00 | 29.18 2.11 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.15 2.41 0.00 | 28.59 2.43 0.00 | 25.94 2.14 0.00 | 24.91 2.16 0.00 | 21.82 1.87 0.00 | 19.01 1.59 0.00 | 18.62 1.38 -1.16 |
| INDECK___ILION 23567 | 19.56 0.55 0.00 | 18.14 0.49 0.00 | 15.98 0.42 0.00 | 15.62 0.41 0.00 | 15.44 0.41 0.00 | 17.65 0.48 0.00 | 18.12 0.49 0.00 | 19.79 0.54 0.00 | 21.16 0.62 0.00 | 21.13 0.62 0.00 | 24.12 0.73 0.00 | 25.22 0.71 0.00 | 26.06 0.73 0.00 | 27.39 0.77 0.00 | 27.88 0.81 0.00 | 27.95 0.81 0.00 | 29.42 0.86 0.00 | 29.57 0.83 0.00 | 26.91 0.76 0.00 | 24.49 0.69 0.00 | 23.41 0.66 0.00 | 20.54 0.60 0.00 | 17.91 0.49 0.00 | 16.49 0.43 0.02 |
| INDECK___OLEAN 23982 | 20.09 1.08 0.00 | 18.51 0.86 0.00 | 16.29 0.73 0.00 | 16.01 0.81 0.00 | 15.80 0.77 0.00 | 18.31 1.13 0.00 | 18.67 1.04 0.00 | 23.41 1.02 -3.14 | 26.86 0.97 -5.35 | 49.43 0.21 -28.70 | 60.55 0.05 -37.11 | 63.87 0.10 -39.26 | 71.96 0.10 -46.53 | 73.58 0.11 -46.85 | 73.73 0.11 -46.55 | 71.47 -0.05 -44.39 | 81.43 -0.03 -52.89 | 66.13 -0.40 -37.80 | 41.40 0.03 -15.22 | 39.44 -0.09 -15.73 | 50.19 -0.07 -27.51 | 33.98 -0.02 -14.05 | 29.62 0.26 -11.93 | 19.77 0.63 -3.07 |
| INDECK___OSWEGO 23783 | 18.74 -0.27 0.00 | 17.42 -0.23 0.00 | 15.34 -0.22 0.00 | 15.04 -0.17 0.00 | 14.85 -0.18 0.00 | 16.99 -0.19 0.00 | 17.44 -0.19 0.00 | 18.96 -0.29 0.00 | 20.23 -0.31 0.00 | 20.19 -0.33 0.00 | 23.33 -0.35 -0.29 | 24.59 -0.34 -0.42 | 25.52 -0.35 -0.55 | 27.01 -0.37 -0.76 | 27.04 -0.35 -0.33 | 27.40 -0.35 -0.62 | 28.19 -0.37 0.00 | 29.04 -0.46 -0.77 | 26.48 -0.39 -0.72 | 24.34 -0.38 -0.92 | 22.69 -0.30 -0.24 | 20.35 -0.30 -0.70 | 17.13 -0.30 0.00 | 15.87 -0.27 -0.07 |
| INDECK___YERKES 23781 | 19.41 0.40 0.00 | 17.89 0.25 0.00 | 15.73 0.17 0.00 | 15.51 0.30 0.00 | 15.30 0.27 0.00 | 17.60 0.43 0.00 | 17.89 0.25 -0.01 | 23.77 0.31 -4.21 | 27.91 0.23 -7.15 | 13.90 -0.04 6.58 | 14.55 -0.12 8.73 | 15.12 -0.07 9.32 | 14.20 -0.05 11.08 | 15.25 -0.05 11.32 | 16.05 -0.08 10.93 | 16.22 -0.24 10.67 | 15.98 -0.17 12.41 | 19.07 -0.72 8.94 | 21.81 -0.39 3.95 | 19.04 -0.55 4.21 | 16.07 -0.41 6.27 | 15.83 -0.44 3.68 | 14.46 -0.30 2.67 | 15.53 0.02 0.56 |
| INDIAN POINT_GT_1 24139 | 20.96 1.96 0.00 | 19.41 1.76 0.00 | 17.11 1.56 0.00 | 16.64 1.43 0.00 | 16.45 1.41 0.00 | 18.77 1.60 0.00 | 19.39 1.76 0.00 | 21.18 1.92 0.00 | 22.64 2.10 0.00 | 22.59 2.07 0.00 | 25.78 2.39 0.00 | 26.99 2.47 0.00 | 27.93 2.61 0.00 | 29.33 2.72 0.00 | 29.83 2.76 0.00 | 29.93 2.80 0.00 | 31.51 2.94 0.00 | 31.72 2.99 0.00 | 28.90 2.75 0.00 | 26.30 2.50 0.00 | 25.02 2.27 0.00 | 22.10 2.15 0.00 | 19.29 1.87 0.00 | 18.62 1.70 -0.84 |
| INDIAN POINT_GT_2 23659 | 20.96 1.96 0.00 | 19.41 1.76 0.00 | 17.11 1.56 0.00 | 16.64 1.43 0.00 | 16.45 1.41 0.00 | 18.77 1.60 0.00 | 19.39 1.76 0.00 | 21.18 1.92 0.00 | 22.64 2.10 0.00 | 22.59 2.07 0.00 | 25.78 2.39 0.00 | 26.99 2.47 0.00 | 27.93 2.61 0.00 | 29.33 2.72 0.00 | 29.83 2.76 0.00 | 29.93 2.80 0.00 | 31.51 2.94 0.00 | 31.72 2.99 0.00 | 28.90 2.75 0.00 | 26.30 2.50 0.00 | 25.02 2.27 0.00 | 22.10 2.15 0.00 | 19.29 1.87 0.00 | 18.62 1.70 -0.84 |
| INDIAN POINT_GT_3 24019 | 20.96 1.96 0.00 | 19.41 1.76 0.00 | 17.11 1.56 0.00 | 16.64 1.43 0.00 | 16.45 1.41 0.00 | 18.77 1.60 0.00 | 19.39 1.76 0.00 | 21.18 1.92 0.00 | 22.64 2.10 0.00 | 22.59 2.07 0.00 | 25.78 2.39 0.00 | 26.99 2.47 0.00 | 27.93 2.61 0.00 | 29.33 2.72 0.00 | 29.83 2.76 0.00 | 29.93 2.80 0.00 | 31.51 2.94 0.00 | 31.72 2.99 0.00 | 28.90 2.75 0.00 | 26.30 2.50 0.00 | 25.02 2.27 0.00 | 22.10 2.15 0.00 | 19.29 1.87 0.00 | 18.62 1.70 -0.84 |
| INDIAN POINT___2 23530 | 20.91 1.90 0.00 | 19.36 1.71 0.00 | 17.05 1.49 0.00 | 16.59 1.38 0.00 | 16.40 1.37 0.00 | 18.72 1.55 0.00 | 19.34 1.71 0.00 | 21.10 1.85 0.00 | 22.55 2.01 0.00 | 22.51 1.99 0.00 | 25.66 2.27 0.00 | 26.89 2.38 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.72 2.65 0.00 | 29.79 2.66 0.00 | 31.39 2.83 0.00 | 31.60 2.87 0.00 | 28.79 2.64 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.24 1.81 0.00 | 18.56 1.66 -0.83 |
| INDIAN POINT___3 23531 | 20.89 1.88 0.00 | 19.34 1.69 0.00 | 17.05 1.49 0.00 | 16.58 1.37 0.00 | 16.40 1.37 0.00 | 18.70 1.53 0.00 | 19.32 1.69 0.00 | 21.10 1.85 0.00 | 22.55 2.01 0.00 | 22.51 1.99 0.00 | 25.68 2.29 0.00 | 26.89 2.38 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.72 2.65 0.00 | 29.79 2.66 0.00 | 31.36 2.80 0.00 | 31.60 2.87 0.00 | 28.79 2.64 0.00 | 26.18 2.38 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.22 1.80 0.00 | 18.56 1.64 -0.84 |
| IP CORINTH___1 23988 | 20.68 1.67 0.00 | 19.13 1.48 0.00 | 16.87 1.31 0.00 | 16.45 1.25 0.00 | 16.28 1.25 0.00 | 18.60 1.42 0.00 | 19.13 1.50 0.00 | 21.04 1.79 0.00 | 22.57 2.03 0.00 | 22.57 2.05 0.00 | 25.47 2.08 0.00 | 26.72 2.21 0.00 | 27.61 2.28 0.00 | 28.99 2.37 0.00 | 29.34 2.27 0.00 | 29.47 2.33 0.00 | 31.05 2.48 0.00 | 31.32 2.59 0.00 | 28.74 2.59 0.00 | 26.06 2.26 0.00 | 25.05 2.30 0.00 | 21.94 1.99 0.00 | 19.11 1.69 0.00 | 18.70 1.46 -1.16 |

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| IP__TICONDEROGA 23804 | 21.21 2.20 0.00 | 19.60 1.96 0.00 | 17.25 1.70 0.00 | 16.84 1.63 0.00 | 16.66 1.62 0.00 | 19.06 1.89 0.00 | 19.67 2.04 0.00 | 21.68 2.43 0.00 | 23.29 2.75 0.00 | 23.29 2.77 0.00 | 26.29 2.90 0.00 | 27.60 3.09 0.00 | 28.49 3.17 0.00 | 29.92 3.30 0.00 | 30.34 3.27 0.00 | 30.53 3.39 0.00 | 32.19 3.63 0.00 | 32.49 3.76 0.00 | 29.79 3.63 0.00 | 27.01 3.21 0.00 | 25.93 3.18 0.00 | 22.68 2.73 0.00 | 19.67 2.25 0.00 | 19.20 1.96 -1.16 |
| ISLIP_RES_REC 323679 | 24.93 3.35 -2.57 | 21.57 2.91 -1.02 | 18.85 2.66 -0.63 | 18.58 2.53 -0.85 | 19.04 2.50 -1.51 | 20.50 2.82 -0.51 | 22.09 3.01 -1.45 | 25.63 3.27 -3.10 | 26.09 3.39 -2.16 | 27.49 3.32 -3.65 | 27.70 3.84 -0.47 | 28.55 3.90 -0.14 | 29.48 4.15 0.00 | 32.02 4.34 -1.06 | 33.36 4.58 -1.72 | 35.09 4.53 -3.42 | 42.01 4.80 -8.65 | 50.49 4.88 -16.87 | 35.16 4.50 -4.51 | 32.40 4.07 -4.52 | 30.95 3.75 -4.45 | 28.67 3.41 -5.31 | 24.93 3.00 -4.50 | 21.16 2.70 -2.38 |
| JARVIS____ 23743 | 19.22 0.21 0.00 | 17.84 0.19 0.00 | 15.73 0.17 0.00 | 15.38 0.17 0.00 | 15.20 0.17 0.00 | 17.36 0.19 0.00 | 17.82 0.19 0.00 | 19.46 0.21 0.00 | 20.77 0.23 0.00 | 20.75 0.23 0.00 | 23.67 0.28 0.00 | 24.78 0.27 0.00 | 25.60 0.28 0.00 | 26.91 0.29 0.00 | 27.36 0.30 0.00 | 27.46 0.33 0.00 | 28.88 0.31 0.00 | 29.05 0.32 0.00 | 26.44 0.29 0.00 | 24.06 0.26 0.00 | 23.00 0.25 0.00 | 20.16 0.22 0.00 | 17.62 0.19 0.00 | 16.22 0.16 0.02 |
| JENNISON____1 23625 | 20.22 1.22 0.00 | 18.70 1.06 0.00 | 16.44 0.89 0.00 | 16.12 0.91 0.00 | 15.90 0.87 0.00 | 18.31 1.13 0.00 | 18.84 1.22 0.00 | 20.70 1.31 -0.14 | 22.22 1.44 -0.24 | 21.92 1.40 0.00 | 25.02 1.66 0.04 | 26.20 1.74 0.05 | 27.00 1.75 0.07 | 28.38 1.86 0.10 | 29.00 1.97 0.04 | 29.04 1.98 0.08 | 30.53 1.97 0.00 | 30.47 1.84 0.10 | 27.84 1.78 0.09 | 25.28 1.59 0.12 | 24.33 1.62 0.03 | 21.17 1.32 0.09 | 18.49 1.06 0.00 | 17.36 0.98 -0.29 |
| JENNISON____2 23626 | 20.22 1.22 0.00 | 18.70 1.06 0.00 | 16.44 0.89 0.00 | 16.12 0.91 0.00 | 15.90 0.87 0.00 | 18.31 1.13 0.00 | 18.84 1.22 0.00 | 20.70 1.31 -0.14 | 22.22 1.44 -0.24 | 21.92 1.40 0.00 | 25.02 1.66 0.04 | 26.20 1.74 0.05 | 27.00 1.75 0.07 | 28.38 1.86 0.10 | 29.00 1.97 0.04 | 29.04 1.98 0.08 | 30.53 1.97 0.00 | 30.47 1.84 0.10 | 27.84 1.78 0.09 | 25.28 1.59 0.12 | 24.33 1.62 0.03 | 21.17 1.32 0.09 | 18.49 1.06 0.00 | 17.36 0.98 -0.29 |
| JERICHO_RISE_WT_PWR 323719 | 17.92 -1.08 0.00 | 16.67 -0.97 0.00 | 14.75 -0.81 0.00 | 14.42 -0.79 0.00 | 14.25 -0.78 0.00 | 16.30 -0.88 0.00 | 16.77 -0.86 0.00 | 18.46 -0.79 0.00 | 19.70 -0.84 0.00 | 19.70 -0.82 0.00 | 22.43 -0.96 0.00 | 23.55 -0.96 0.00 | 24.26 -1.06 0.00 | 25.53 -1.09 0.00 | 25.93 -1.14 0.00 | 25.94 -1.19 0.00 | 27.36 -1.20 0.00 | 27.67 -1.06 0.00 | 25.06 -1.10 0.00 | 22.85 -0.95 0.00 | 21.84 -0.91 0.00 | 19.05 -0.90 0.00 | 16.66 -0.77 0.00 | 15.37 -0.71 0.00 |
| KCE_NY_1 323755 | 20.77 1.77 0.00 | 19.23 1.59 0.00 | 16.96 1.40 0.00 | 16.53 1.32 0.00 | 16.37 1.34 0.00 | 18.69 1.51 0.00 | 19.18 1.55 0.00 | 21.08 1.83 0.00 | 22.57 2.03 0.00 | 22.57 2.05 0.00 | 25.61 2.22 0.00 | 26.84 2.33 0.00 | 27.73 2.41 0.00 | 29.09 2.48 0.00 | 29.55 2.49 0.00 | 29.68 2.55 0.00 | 31.28 2.71 0.00 | 31.49 2.76 0.00 | 28.74 2.59 0.00 | 26.09 2.29 0.00 | 24.98 2.23 0.00 | 21.90 1.96 0.00 | 19.11 1.69 0.00 | 18.75 1.51 -1.16 |
| KEDC_PORT_JEFF_GT2 24210 | 24.52 3.16 -2.35 | 21.32 2.75 -0.93 | 18.67 2.52 -0.59 | 18.40 2.39 -0.81 | 18.86 2.36 -1.47 | 20.31 2.66 -0.47 | 21.88 2.84 -1.42 | 25.42 3.08 -3.09 | 25.86 3.18 -2.14 | 27.26 3.10 -3.64 | 27.37 3.51 -0.47 | 28.18 3.53 -0.14 | 29.10 3.77 0.00 | 31.59 3.91 -1.06 | 32.89 4.11 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.86 4.25 -16.87 | 34.66 4.00 -4.51 | 32.02 3.69 -4.52 | 30.59 3.39 -4.45 | 28.43 3.17 -5.31 | 24.63 2.82 -4.38 | 20.98 2.56 -2.34 |
| KEDC_PORT_JEFF_GT3 24211 | 24.52 3.16 -2.35 | 21.32 2.75 -0.93 | 18.67 2.52 -0.59 | 18.40 2.39 -0.81 | 18.86 2.36 -1.47 | 20.31 2.66 -0.47 | 21.88 2.84 -1.42 | 25.42 3.08 -3.09 | 25.86 3.18 -2.14 | 27.26 3.10 -3.64 | 27.37 3.51 -0.47 | 28.18 3.53 -0.14 | 29.10 3.77 0.00 | 31.59 3.91 -1.06 | 32.89 4.11 -1.72 | 34.49 3.93 -3.42 | 41.39 4.17 -8.65 | 49.86 4.25 -16.87 | 34.66 4.00 -4.51 | 32.02 3.69 -4.52 | 30.59 3.39 -4.45 | 28.43 3.17 -5.31 | 24.63 2.82 -4.38 | 20.98 2.56 -2.34 |
| KEDC_GLWD_GT4 24219 | 32.54 2.51 -11.03 | 24.27 2.26 -4.37 | 19.69 1.98 -2.15 | 19.43 1.85 -2.36 | 19.86 1.83 -2.99 | 21.04 2.08 -1.79 | 22.47 2.26 -2.58 | 25.46 2.48 -3.72 | 26.06 2.69 -2.83 | 27.33 2.67 -4.15 | 26.93 3.06 -0.47 | 27.84 3.19 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.19 3.41 -1.72 | 33.97 3.42 -3.42 | 40.81 3.60 -8.65 | 49.25 3.65 -16.87 | 33.98 3.32 -4.51 | 31.42 3.09 -4.52 | 30.13 2.94 -4.45 | 27.97 2.71 -5.31 | 28.83 2.37 -9.03 | 22.15 2.16 -3.92 |
| KEDC_GLWD_GT5 24220 | 32.54 2.51 -11.03 | 24.27 2.26 -4.37 | 19.69 1.98 -2.15 | 19.43 1.85 -2.36 | 19.86 1.83 -2.99 | 21.04 2.08 -1.79 | 22.47 2.26 -2.58 | 25.46 2.48 -3.72 | 26.06 2.69 -2.83 | 27.33 2.67 -4.15 | 26.93 3.06 -0.47 | 27.84 3.19 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.19 3.41 -1.72 | 33.97 3.42 -3.42 | 40.81 3.60 -8.65 | 49.25 3.65 -16.87 | 33.98 3.32 -4.51 | 31.42 3.09 -4.52 | 30.13 2.94 -4.45 | 27.97 2.71 -5.31 | 28.83 2.37 -9.03 | 22.15 2.16 -3.92 |
| KENSICO____ 23655 | 21.10 2.09 0.00 | 19.53 1.89 0.00 | 17.22 1.67 0.00 | 16.74 1.54 0.00 | 16.55 1.52 0.00 | 18.89 1.72 0.00 | 19.52 1.89 0.00 | 21.33 2.08 0.00 | 22.80 2.26 0.00 | 22.78 2.26 0.00 | 25.96 2.57 0.00 | 27.18 2.67 0.00 | 28.16 2.84 0.00 | 29.55 2.93 0.00 | 30.07 3.00 0.00 | 30.15 3.01 0.00 | 31.73 3.17 0.00 | 31.95 3.22 0.00 | 29.11 2.95 0.00 | 26.47 2.67 0.00 | 25.21 2.46 0.00 | 22.26 2.31 0.00 | 19.43 2.00 0.00 | 18.76 1.83 -0.84 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 21.08 2.07 0.00 | 19.57 1.92 0.00 | 17.25 1.70 0.00 | 16.77 1.57 0.00 | 16.60 1.56 0.00 | 18.94 1.77 0.00 | 19.57 1.94 0.00 | 21.27 2.02 0.00 | 22.76 2.22 0.00 | 22.69 2.17 0.00 | 25.94 2.55 0.00 | 27.16 2.65 0.00 | 28.16 2.84 0.00 | 29.62 3.01 0.00 | 30.15 3.08 0.00 | 30.28 3.15 0.00 | 31.90 3.34 0.00 | 32.18 3.45 0.00 | 29.29 3.14 0.00 | 26.61 2.81 0.00 | 25.25 2.50 0.00 | 22.28 2.33 0.00 | 19.41 1.99 0.00 | 18.75 1.85 -0.82 |
| KIAC_JFK_GT1 23816 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.44 1.88 0.00 | 16.94 1.73 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.16 2.61 -0.02 | 23.38 2.61 -0.26 | 26.18 2.76 -0.03 | 28.07 2.96 -0.60 | 29.45 3.17 -0.96 | 29.99 3.30 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.50 3.35 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.45 2.59 -0.91 | 21.39 2.37 -1.59 | 19.12 2.06 -0.98 |
| KIAC_JFK_GT2 23817 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.44 1.88 0.00 | 16.94 1.73 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.92 2.17 -0.12 | 21.72 2.39 -0.09 | 23.16 2.61 -0.02 | 23.38 2.61 -0.26 | 26.18 2.76 -0.03 | 28.07 2.96 -0.60 | 29.45 3.17 -0.96 | 29.99 3.30 -0.07 | 30.59 3.41 -0.11 | 30.77 3.42 -0.22 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.50 3.35 0.00 | 27.14 3.05 -0.29 | 25.86 2.82 -0.29 | 23.45 2.59 -0.91 | 21.39 2.37 -1.59 | 19.12 2.06 -0.98 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| KINTIGH____ 23543 | 18.93 -0.08 0.00 | 17.49 -0.16 0.00 | 15.39 -0.17 0.00 | 15.15 -0.06 0.00 | 14.96 -0.07 0.00 | 17.26 0.09 0.00 | 17.49 -0.14 0.00 | 17.93 -0.31 1.01 | 18.38 -0.43 1.73 | 15.26 -0.62 4.65 | 16.41 -0.73 6.25 | 17.09 -0.71 6.71 | 16.62 -0.71 8.00 | 17.65 -0.75 8.22 | 18.48 -0.76 7.83 | 18.58 -0.84 7.72 | 19.20 -0.86 8.51 | 20.79 -1.26 6.68 | 22.17 -0.97 3.02 | 19.57 -0.98 3.26 | 17.33 -0.82 4.60 | 16.31 -0.82 2.81 | 14.87 -0.64 1.91 | 15.35 -0.39 0.35 |
| LEDERLE____ 23769 | 21.00 2.00 0.00 | 19.46 1.82 0.00 | 17.15 1.59 0.00 | 16.67 1.46 0.00 | 16.49 1.46 0.00 | 18.82 1.65 0.00 | 19.43 1.80 0.00 | 21.19 1.94 0.00 | 22.66 2.12 0.00 | 22.61 2.09 0.00 | 25.80 2.41 0.00 | 27.04 2.53 0.00 | 28.01 2.68 0.00 | 29.41 2.79 0.00 | 29.93 2.87 0.00 | 30.04 2.90 0.00 | 31.62 3.06 0.00 | 31.84 3.10 0.00 | 29.01 2.85 0.00 | 26.37 2.57 0.00 | 25.09 2.34 0.00 | 22.14 2.19 0.00 | 19.32 1.90 0.00 | 18.65 1.75 -0.82 |
| LINDEN COGEN____ 23786 | 21.29 2.28 0.00 | 19.71 2.06 0.00 | 17.38 1.82 0.00 | 16.90 1.69 0.00 | 16.70 1.67 0.00 | 19.06 1.89 0.00 | 19.83 2.08 -0.12 | 21.59 2.25 -0.09 | 22.98 2.42 -0.02 | 23.20 2.42 -0.26 | 26.18 2.76 -0.03 | 28.00 2.89 -0.60 | 29.35 3.06 -0.96 | 29.80 3.11 -0.07 | 30.34 3.17 -0.11 | 30.53 3.17 -0.22 | 31.91 3.34 -0.01 | 32.12 3.39 0.00 | 29.26 3.11 0.00 | 26.95 2.85 -0.29 | 25.67 2.64 -0.29 | 23.35 2.49 -0.91 | 21.20 2.18 -1.59 | 19.04 1.98 -0.98 |
| LIPA_MISC_IPP 23656 | 24.39 3.14 -2.25 | 21.23 2.70 -0.89 | 18.66 2.54 -0.57 | 18.39 2.39 -0.79 | 18.84 2.36 -1.45 | 20.29 2.66 -0.46 | 21.87 2.84 -1.40 | 25.35 3.02 -3.08 | 25.73 3.06 -2.13 | 27.11 2.96 -3.63 | 27.35 3.49 -0.47 | 28.13 3.48 -0.14 | 29.05 3.72 0.00 | 31.51 3.83 -1.06 | 32.81 4.03 -1.72 | 34.57 4.02 -3.42 | 41.47 4.26 -8.65 | 49.97 4.37 -16.87 | 34.66 4.00 -4.51 | 31.94 3.62 -4.52 | 30.52 3.32 -4.45 | 28.31 3.05 -5.31 | 24.44 2.68 -4.33 | 20.85 2.44 -2.32 |
| LISF__SOLAR 323691 | 24.46 3.17 -2.28 | 21.26 2.72 -0.90 | 18.70 2.57 -0.58 | 18.42 2.42 -0.80 | 18.89 2.40 -1.46 | 20.33 2.70 -0.46 | 21.91 2.87 -1.41 | 25.39 3.06 -3.08 | 25.76 3.08 -2.14 | 27.13 2.97 -3.63 | 27.40 3.53 -0.47 | 28.16 3.50 -0.14 | 29.10 3.77 0.00 | 31.54 3.86 -1.06 | 32.87 4.09 -1.72 | 34.65 4.10 -3.42 | 41.56 4.34 -8.65 | 50.03 4.42 -16.87 | 34.74 4.08 -4.51 | 31.99 3.66 -4.52 | 30.56 3.37 -4.45 | 28.35 3.09 -5.31 | 24.49 2.72 -4.35 | 20.87 2.46 -2.33 |
| LITTLE FALLS__HYD 24013 | 20.01 1.01 0.00 | 18.56 0.92 0.00 | 16.34 0.78 0.00 | 15.97 0.76 0.00 | 15.77 0.74 0.00 | 18.03 0.86 0.00 | 18.53 0.90 0.00 | 20.25 1.00 0.00 | 21.67 1.13 0.00 | 21.65 1.13 0.00 | 24.72 1.33 0.00 | 25.81 1.30 0.00 | 26.69 1.37 0.00 | 28.03 1.41 0.00 | 28.53 1.46 0.00 | 28.60 1.46 0.00 | 30.08 1.51 0.00 | 30.22 1.49 0.00 | 27.51 1.36 0.00 | 25.04 1.24 0.00 | 23.93 1.18 0.00 | 21.04 1.10 0.00 | 18.33 0.91 0.00 | 16.86 0.80 0.02 |
| LI_NEWBRDGE__DRP 323616 | 21.98 2.53 -0.45 | 20.11 2.29 -0.17 | 17.82 2.02 -0.24 | 17.55 1.89 -0.45 | 18.02 1.86 -1.12 | 19.47 2.11 -0.18 | 21.05 2.28 -1.15 | 24.68 2.48 -2.95 | 25.20 2.67 -1.99 | 26.67 2.63 -3.53 | 26.76 2.90 -0.47 | 27.64 2.99 -0.14 | 28.46 3.14 0.00 | 30.95 3.27 -1.06 | 32.16 3.38 -1.72 | 33.95 3.39 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 34.01 3.35 -4.51 | 31.35 3.02 -4.52 | 29.97 2.77 -4.45 | 27.83 2.57 -5.31 | 23.14 2.35 -3.36 | 20.23 2.16 -2.00 |
| LONG_LAKE_PHOENIX 24014 | 18.91 -0.09 0.00 | 17.56 -0.09 0.00 | 15.47 -0.09 0.00 | 15.16 -0.05 0.00 | 14.97 -0.06 0.00 | 17.12 -0.05 0.00 | 17.58 -0.05 0.00 | 19.14 -0.11 0.00 | 20.42 -0.12 0.00 | 20.40 -0.12 0.00 | 23.47 -0.12 -0.19 | 24.69 -0.10 -0.28 | 25.59 -0.10 -0.37 | 27.04 -0.08 -0.50 | 27.23 -0.05 -0.22 | 27.49 -0.05 -0.41 | 28.51 -0.06 0.00 | 29.07 -0.17 -0.51 | 26.50 -0.13 -0.47 | 24.29 -0.12 -0.60 | 22.84 -0.07 -0.16 | 20.29 -0.12 -0.46 | 17.28 -0.14 0.00 | 16.02 -0.13 -0.07 |
| LOVETT__3 23632 | 20.91 1.90 0.00 | 19.38 1.73 0.00 | 17.07 1.51 0.00 | 16.59 1.38 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.34 1.71 0.00 | 21.10 1.85 0.00 | 22.55 2.01 0.00 | 22.51 1.99 0.00 | 25.66 2.27 0.00 | 26.86 2.35 0.00 | 27.83 2.51 0.00 | 29.20 2.58 0.00 | 29.72 2.65 0.00 | 29.82 2.69 0.00 | 31.39 2.83 0.00 | 31.60 2.87 0.00 | 28.82 2.67 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.24 1.81 0.00 | 18.57 1.67 -0.82 |
| LOVETT__4 23642 | 20.91 1.90 0.00 | 19.38 1.73 0.00 | 17.07 1.51 0.00 | 16.59 1.38 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.34 1.71 0.00 | 21.10 1.85 0.00 | 22.55 2.01 0.00 | 22.51 1.99 0.00 | 25.66 2.27 0.00 | 26.86 2.35 0.00 | 27.83 2.51 0.00 | 29.20 2.58 0.00 | 29.72 2.65 0.00 | 29.82 2.69 0.00 | 31.39 2.83 0.00 | 31.60 2.87 0.00 | 28.82 2.67 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.24 1.81 0.00 | 18.57 1.67 -0.82 |
| LOVETT__5 23593 | 20.91 1.90 0.00 | 19.38 1.73 0.00 | 17.07 1.51 0.00 | 16.59 1.38 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.34 1.71 0.00 | 21.10 1.85 0.00 | 22.55 2.01 0.00 | 22.51 1.99 0.00 | 25.66 2.27 0.00 | 26.86 2.35 0.00 | 27.83 2.51 0.00 | 29.20 2.58 0.00 | 29.72 2.65 0.00 | 29.82 2.69 0.00 | 31.39 2.83 0.00 | 31.60 2.87 0.00 | 28.82 2.67 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.24 1.81 0.00 | 18.57 1.67 -0.82 |
| LOWER RAQUET__HYD 24057 | 17.79 -1.22 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.33 -0.88 0.00 | 14.13 -0.90 0.00 | 16.20 -0.98 0.00 | 16.66 -0.97 0.00 | 18.31 -0.94 0.00 | 19.51 -1.03 0.00 | 19.56 -0.96 0.00 | 22.32 -1.08 0.00 | 23.41 -1.10 0.00 | 24.06 -1.27 0.00 | 25.31 -1.30 0.00 | 25.63 -1.44 0.00 | 25.40 -1.74 0.00 | 26.73 -1.83 0.00 | 27.01 -1.72 0.00 | 24.59 -1.57 0.00 | 22.59 -1.21 0.00 | 21.77 -0.98 0.00 | 18.95 -1.00 0.00 | 16.54 -0.89 0.00 | 15.23 -0.85 0.00 |
| LOWER__HUDSON 24059 | 20.58 1.58 0.00 | 19.06 1.41 0.00 | 16.80 1.25 0.00 | 16.39 1.19 0.00 | 16.24 1.20 0.00 | 18.50 1.32 0.00 | 18.97 1.34 0.00 | 20.87 1.62 0.00 | 22.33 1.79 0.00 | 22.30 1.78 0.00 | 25.38 1.99 0.00 | 26.54 2.03 0.00 | 27.45 2.13 0.00 | 28.80 2.18 0.00 | 29.23 2.17 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.11 2.38 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.52 1.78 0.00 | 21.54 1.60 0.00 | 18.87 1.45 0.00 | 18.48 1.27 -1.13 |
| LWR__OSWEGATCHIE_HYD 23850 | 18.55 -0.46 0.00 | 17.24 -0.41 0.00 | 15.20 -0.36 0.00 | 14.89 -0.32 0.00 | 14.69 -0.35 0.00 | 16.87 -0.31 0.00 | 17.35 -0.28 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.33 -0.19 0.00 | 23.23 -0.16 0.00 | 24.36 -0.15 0.00 | 25.02 -0.30 0.00 | 26.30 -0.32 0.00 | 26.74 -0.32 0.00 | 26.65 -0.49 0.00 | 27.99 -0.57 0.00 | 28.16 -0.57 0.00 | 25.68 -0.47 0.00 | 23.52 -0.28 0.00 | 22.64 -0.11 0.00 | 19.73 -0.22 0.00 | 17.18 -0.24 0.00 | 15.79 -0.29 0.00 |
| LYONS_FALL_HYD 23570 | 19.42 0.42 0.00 | 18.02 0.37 0.00 | 15.85 0.29 0.00 | 15.53 0.32 0.00 | 15.32 0.28 0.00 | 17.60 0.43 0.00 | 18.11 0.48 0.00 | 19.81 0.56 0.00 | 21.18 0.64 0.00 | 21.20 0.68 0.00 | 24.26 0.87 0.00 | 25.39 0.88 0.00 | 26.11 0.79 0.00 | 27.47 0.85 0.00 | 27.99 0.92 0.00 | 28.06 0.92 0.00 | 29.45 0.89 0.00 | 29.57 0.83 0.00 | 26.94 0.78 0.00 | 24.54 0.74 0.00 | 23.57 0.82 0.00 | 20.56 0.62 0.00 | 17.88 0.45 0.00 | 16.43 0.35 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MADISON___COUNTY_LFGE 323628 | 19.63 0.63 0.00 | 18.19 0.55 0.00 | 16.01 0.45 0.00 | 15.68 0.47 0.00 | 15.48 0.45 0.00 | 17.76 0.58 0.00 | 18.26 0.63 0.00 | 19.94 0.69 0.00 | 21.32 0.78 0.00 | 21.32 0.80 0.00 | 24.37 0.98 0.00 | 25.54 1.03 0.00 | 26.34 1.01 0.00 | 27.71 1.09 0.00 | 28.23 1.16 0.00 | 28.33 1.19 0.00 | 29.76 1.20 0.00 | 29.82 1.09 0.00 | 27.20 1.05 0.00 | 24.73 0.93 0.00 | 23.70 0.96 0.00 | 20.70 0.76 0.00 | 18.00 0.57 0.00 | 16.60 0.48 -0.03 |
| MAPLE_RIDGE_WT_1 323574 | 18.80 -0.21 0.00 | 17.47 -0.18 0.00 | 15.40 -0.16 0.00 | 15.07 -0.14 0.00 | 14.90 -0.14 0.00 | 17.02 -0.15 0.00 | 17.47 -0.16 0.00 | 19.10 -0.15 0.00 | 20.37 -0.17 0.00 | 20.35 -0.16 0.00 | 23.20 -0.19 0.00 | 24.31 -0.20 0.00 | 25.12 -0.20 0.00 | 26.40 -0.21 0.00 | 26.85 -0.22 0.00 | 26.92 -0.22 0.00 | 28.31 -0.26 0.00 | 28.50 -0.23 0.00 | 25.92 -0.24 0.00 | 23.59 -0.21 0.00 | 22.54 -0.21 0.00 | 19.75 -0.20 0.00 | 17.23 -0.19 0.00 | 15.85 -0.18 0.05 |
| MAPLE_RIDGE_WT_2 323611 | 18.80 -0.21 0.00 | 17.47 -0.18 0.00 | 15.40 -0.16 0.00 | 15.07 -0.14 0.00 | 14.90 -0.14 0.00 | 17.02 -0.15 0.00 | 17.47 -0.16 0.00 | 19.10 -0.15 0.00 | 20.37 -0.17 0.00 | 20.35 -0.16 0.00 | 23.20 -0.19 0.00 | 24.31 -0.20 0.00 | 25.12 -0.20 0.00 | 26.40 -0.21 0.00 | 26.85 -0.22 0.00 | 26.92 -0.22 0.00 | 28.31 -0.26 0.00 | 28.50 -0.23 0.00 | 25.92 -0.24 0.00 | 23.59 -0.21 0.00 | 22.54 -0.21 0.00 | 19.75 -0.20 0.00 | 17.23 -0.19 0.00 | 15.85 -0.18 0.05 |
| MARBLE_RIVER_WT_PWR 323696 | 18.00 -1.01 0.00 | 16.75 -0.90 0.00 | 14.80 -0.76 0.00 | 14.49 -0.71 0.00 | 14.31 -0.72 0.00 | 16.38 -0.79 0.00 | 16.85 -0.78 0.00 | 18.54 -0.71 0.00 | 19.78 -0.76 0.00 | 19.80 -0.72 0.00 | 22.55 -0.84 0.00 | 23.68 -0.83 0.00 | 24.39 -0.94 0.00 | 25.66 -0.96 0.00 | 26.06 -1.00 0.00 | 26.08 -1.06 0.00 | 27.51 -1.06 0.00 | 27.78 -0.95 0.00 | 25.16 -0.99 0.00 | 22.95 -0.86 0.00 | 21.93 -0.82 0.00 | 19.13 -0.82 0.00 | 16.73 -0.70 0.00 | 15.44 -0.64 0.00 |
| MARSH_HILL_WT_PWR 323713 | 20.05 1.04 0.00 | 18.49 0.85 0.00 | 16.26 0.70 0.00 | 15.98 0.78 0.00 | 15.77 0.74 0.00 | 18.26 1.08 0.00 | 18.67 1.04 0.00 | 21.66 1.10 -1.31 | 23.88 1.11 -2.23 | 28.44 0.68 -7.24 | 33.42 0.75 -9.28 | 35.17 0.88 -9.78 | 37.81 0.91 -11.58 | 39.25 1.04 -11.60 | 39.76 1.05 -11.65 | 39.18 1.03 -11.01 | 43.00 1.06 -13.38 | 38.76 0.69 -9.34 | 30.58 0.78 -3.64 | 28.09 0.57 -3.71 | 30.29 0.66 -6.89 | 23.76 0.46 -3.35 | 20.82 0.38 -3.02 | 17.52 0.53 -0.91 |
| MG INDUSTRY___DRP 24185 | 20.26 1.25 0.00 | 18.78 1.13 0.00 | 16.55 1.00 0.00 | 16.15 0.94 0.00 | 15.98 0.95 0.00 | 18.22 1.05 0.00 | 18.55 0.92 0.00 | 20.29 1.04 0.00 | 21.71 1.17 0.00 | 21.69 1.17 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.05 1.44 0.00 | 28.50 1.43 0.00 | 28.60 1.46 0.00 | 30.10 1.54 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.13 1.33 0.00 | 24.00 1.25 0.00 | 21.10 1.16 0.00 | 18.52 1.10 0.00 | 18.12 0.96 -1.07 |
| MID___OSWEGATCHIE_HYD 23849 | 18.55 -0.46 0.00 | 17.24 -0.41 0.00 | 15.20 -0.36 0.00 | 14.89 -0.32 0.00 | 14.69 -0.35 0.00 | 16.87 -0.31 0.00 | 17.35 -0.28 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.33 -0.19 0.00 | 23.23 -0.16 0.00 | 24.36 -0.15 0.00 | 25.02 -0.30 0.00 | 26.30 -0.32 0.00 | 26.74 -0.32 0.00 | 26.65 -0.49 0.00 | 27.99 -0.57 0.00 | 28.16 -0.57 0.00 | 25.68 -0.47 0.00 | 23.52 -0.28 0.00 | 22.64 -0.11 0.00 | 19.73 -0.22 0.00 | 17.18 -0.24 0.00 | 15.79 -0.29 0.00 |
| MID___RAQUETTE_HYD 23851 | 17.79 -1.22 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.33 -0.88 0.00 | 14.13 -0.90 0.00 | 16.20 -0.98 0.00 | 16.66 -0.97 0.00 | 18.31 -0.94 0.00 | 19.51 -1.03 0.00 | 19.56 -0.96 0.00 | 22.32 -1.08 0.00 | 23.41 -1.10 0.00 | 24.06 -1.27 0.00 | 25.31 -1.30 0.00 | 25.63 -1.44 0.00 | 25.40 -1.74 0.00 | 26.73 -1.83 0.00 | 27.01 -1.72 0.00 | 24.59 -1.57 0.00 | 22.59 -1.21 0.00 | 21.77 -0.98 0.00 | 18.95 -1.00 0.00 | 16.54 -0.89 0.00 | 15.23 -0.85 0.00 |
| MILLIKEN___1 23584 | 19.46 0.46 0.00 | 18.03 0.39 0.00 | 15.85 0.29 0.00 | 15.54 0.33 0.00 | 15.33 0.30 0.00 | 17.60 0.43 0.00 | 18.09 0.46 0.00 | 19.84 0.46 -0.13 | 21.26 0.49 -0.22 | 20.93 0.41 0.00 | 23.88 0.49 0.00 | 25.07 0.56 0.00 | 25.91 0.58 0.00 | 27.31 0.69 0.00 | 27.77 0.70 0.00 | 27.87 0.73 0.00 | 29.25 0.68 0.00 | 29.28 0.54 0.00 | 26.73 0.57 0.00 | 24.30 0.50 0.00 | 23.32 0.57 0.00 | 20.34 0.40 0.00 | 17.72 0.30 0.00 | 16.52 0.27 -0.17 |
| MILLIKEN___2 23585 | 19.46 0.46 0.00 | 18.03 0.39 0.00 | 15.85 0.29 0.00 | 15.54 0.33 0.00 | 15.33 0.30 0.00 | 17.60 0.43 0.00 | 18.09 0.46 0.00 | 19.84 0.46 -0.13 | 21.26 0.49 -0.22 | 20.93 0.41 0.00 | 23.88 0.49 0.00 | 25.07 0.56 0.00 | 25.91 0.58 0.00 | 27.31 0.69 0.00 | 27.77 0.70 0.00 | 27.87 0.73 0.00 | 29.25 0.68 0.00 | 29.28 0.54 0.00 | 26.73 0.57 0.00 | 24.30 0.50 0.00 | 23.32 0.57 0.00 | 20.34 0.40 0.00 | 17.72 0.30 0.00 | 16.52 0.27 -0.17 |
| MILLIKEN___DIESEL 23629 | 19.46 0.46 0.00 | 18.03 0.39 0.00 | 15.85 0.29 0.00 | 15.54 0.33 0.00 | 15.33 0.30 0.00 | 17.60 0.43 0.00 | 18.09 0.46 0.00 | 19.84 0.46 -0.13 | 21.26 0.49 -0.22 | 20.93 0.41 0.00 | 23.88 0.49 0.00 | 25.07 0.56 0.00 | 25.91 0.58 0.00 | 27.31 0.69 0.00 | 27.77 0.70 0.00 | 27.87 0.73 0.00 | 29.25 0.68 0.00 | 29.28 0.54 0.00 | 26.73 0.57 0.00 | 24.30 0.50 0.00 | 23.32 0.57 0.00 | 20.34 0.40 0.00 | 17.72 0.30 0.00 | 16.52 0.27 -0.17 |
| MILLSEAT___LFGE 323607 | 19.35 0.34 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.50 0.29 0.00 | 15.33 0.30 0.00 | 17.67 0.50 0.00 | 17.91 0.28 0.00 | 19.17 0.12 0.20 | 20.14 -0.06 0.34 | 15.26 -0.14 5.12 | 16.36 -0.19 6.84 | 17.04 -0.15 7.32 | 16.48 -0.13 8.72 | 17.57 -0.11 8.94 | 18.57 -0.13 8.36 | 18.68 -0.24 8.21 | 18.90 -0.20 9.46 | 20.74 -0.75 7.24 | 22.45 -0.47 3.23 | 19.69 -0.64 3.47 | 17.26 -0.45 5.03 | 16.41 -0.52 3.01 | 14.91 -0.40 2.11 | 15.55 -0.13 0.40 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 21.02 2.01 0.00 | 19.46 1.82 0.00 | 17.15 1.59 0.00 | 16.68 1.47 0.00 | 16.49 1.46 0.00 | 18.82 1.65 0.00 | 19.45 1.82 0.00 | 21.23 1.98 0.00 | 22.70 2.16 0.00 | 22.65 2.13 0.00 | 25.85 2.46 0.00 | 27.06 2.55 0.00 | 28.01 2.68 0.00 | 29.41 2.79 0.00 | 29.91 2.84 0.00 | 30.01 2.87 0.00 | 31.59 3.03 0.00 | 31.81 3.08 0.00 | 28.98 2.83 0.00 | 26.35 2.55 0.00 | 25.09 2.34 0.00 | 22.16 2.21 0.00 | 19.34 1.92 0.00 | 18.67 1.75 -0.84 |
| MODEL_CITY_ENERGY 24167 | 18.85 -0.15 0.00 | 17.40 -0.25 0.00 | 15.29 -0.26 0.00 | 15.12 -0.09 0.00 | 14.93 -0.10 0.00 | 17.21 0.03 0.00 | 17.35 -0.28 0.00 | 17.69 -0.37 1.20 | 18.00 -0.49 2.04 | 14.64 -0.64 5.24 | 15.57 -0.82 7.00 | 16.21 -0.81 7.49 | 15.60 -0.81 8.92 | 16.63 -0.85 9.14 | 17.39 -0.89 8.79 | 17.49 -1.03 8.61 | 17.87 -1.06 9.63 | 19.77 -1.55 7.41 | 21.70 -1.15 3.30 | 19.00 -1.26 3.54 | 16.52 -1.07 5.16 | 15.85 -1.02 3.07 | 14.46 -0.80 2.17 | 15.22 -0.45 0.41 |
| MODERN_LFGE___ 323580 | 18.85 -0.15 0.00 | 17.40 -0.25 0.00 | 15.29 -0.26 0.00 | 15.12 -0.09 0.00 | 14.93 -0.10 0.00 | 17.21 0.03 0.00 | 17.35 -0.28 0.00 | 17.69 -0.37 1.20 | 18.00 -0.49 2.04 | 14.64 -0.64 5.24 | 15.57 -0.82 7.00 | 16.21 -0.81 7.49 | 15.60 -0.81 8.92 | 16.63 -0.85 9.14 | 17.39 -0.89 8.79 | 17.49 -1.03 8.61 | 17.87 -1.06 9.63 | 19.77 -1.55 7.41 | 21.70 -1.15 3.30 | 19.00 -1.26 3.54 | 16.52 -1.07 5.16 | 15.85 -1.02 3.07 | 14.46 -0.80 2.17 | 15.22 -0.45 0.41 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| MOHAWK_PAPER___DRP 24187 | 20.47 1.46 0.00 | 18.95 1.31 0.00 | 16.73 1.17 0.00 | 16.30 1.10 0.00 | 16.15 1.11 0.00 | 18.39 1.22 0.00 | 18.70 1.08 0.00 | 20.52 1.27 0.00 | 21.98 1.44 0.00 | 21.96 1.44 0.00 | 25.03 1.64 0.00 | 26.18 1.67 0.00 | 27.07 1.75 0.00 | 28.40 1.78 0.00 | 28.85 1.79 0.00 | 28.95 1.82 0.00 | 30.51 1.94 0.00 | 30.69 1.95 0.00 | 27.98 1.83 0.00 | 25.44 1.64 0.00 | 24.30 1.55 0.00 | 21.36 1.42 0.00 | 18.75 1.32 0.00 | 18.35 1.16 -1.11 |
| MONGAUP___HYD 23641 | 20.95 1.94 0.00 | 19.50 1.85 0.00 | 17.18 1.62 0.00 | 16.71 1.51 0.00 | 16.54 1.50 0.00 | 18.89 1.72 0.00 | 19.46 1.83 0.00 | 21.08 1.83 0.00 | 22.55 2.01 0.00 | 22.47 1.95 0.00 | 25.68 2.29 0.00 | 26.86 2.35 0.00 | 27.86 2.53 0.00 | 29.30 2.69 0.00 | 29.83 2.76 0.00 | 29.98 2.85 0.00 | 31.59 3.03 0.00 | 31.86 3.13 0.00 | 29.03 2.88 0.00 | 26.37 2.57 0.00 | 25.05 2.30 0.00 | 22.08 2.14 0.00 | 19.24 1.81 0.00 | 18.58 1.72 -0.77 |
| MONTAUK___DIESEL 23721 | 25.80 4.52 -2.27 | 22.44 3.90 -0.89 | 19.74 3.61 -0.57 | 19.41 3.41 -0.79 | 19.87 3.38 -1.45 | 21.45 3.81 -0.46 | 23.05 4.02 -1.41 | 26.76 4.43 -3.08 | 27.31 4.64 -2.13 | 28.79 4.64 -3.63 | 29.46 5.59 -0.47 | 30.39 5.73 -0.14 | 31.48 6.15 0.00 | 34.06 6.39 -1.06 | 35.47 6.69 -1.72 | 37.39 6.84 -3.42 | 44.53 7.31 -8.65 | 53.04 7.44 -16.87 | 37.41 6.75 -4.51 | 34.32 6.00 -4.52 | 32.73 5.53 -4.45 | 30.12 4.87 -5.31 | 25.86 4.10 -4.34 | 22.04 3.63 -2.33 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 21.31 2.30 0.00 | 19.73 2.08 0.00 | 17.39 1.83 0.00 | 16.91 1.70 0.00 | 16.72 1.68 0.00 | 19.08 1.91 0.00 | 19.61 2.10 0.11 | 21.48 2.31 0.08 | 23.01 2.48 0.01 | 22.76 2.48 0.24 | 26.19 2.83 0.03 | 26.89 2.94 0.56 | 27.53 3.11 0.90 | 29.77 3.22 0.06 | 30.26 3.30 0.10 | 30.24 3.31 0.21 | 32.04 3.48 0.01 | 32.26 3.53 0.00 | 29.40 3.24 0.00 | 26.45 2.93 0.28 | 25.18 2.71 0.27 | 21.62 2.53 0.86 | 18.14 2.21 1.50 | 18.81 2.01 -0.72 |
| MUNSVILLE_WIND_PWR 323609 | 20.55 1.54 0.00 | 18.99 1.34 0.00 | 16.68 1.12 0.00 | 16.36 1.16 0.00 | 16.13 1.10 0.00 | 18.63 1.46 0.00 | 19.22 1.59 0.00 | 21.15 1.75 -0.14 | 22.72 1.93 -0.25 | 22.45 1.93 0.00 | 25.70 2.34 0.03 | 26.89 2.43 0.05 | 27.67 2.41 0.07 | 29.08 2.56 0.09 | 29.76 2.73 0.04 | 29.83 2.77 0.07 | 31.28 2.71 0.00 | 31.19 2.56 0.10 | 28.52 2.46 0.09 | 25.87 2.19 0.12 | 24.97 2.25 0.03 | 21.63 1.77 0.09 | 18.82 1.39 0.00 | 17.58 1.24 -0.26 |
| N SALMON___HYD 24042 | 17.96 -1.05 0.00 | 16.73 -0.92 0.00 | 14.80 -0.76 0.00 | 14.48 -0.73 0.00 | 14.30 -0.74 0.00 | 16.37 -0.81 0.00 | 16.84 -0.79 0.00 | 18.58 -0.67 0.00 | 19.82 -0.72 0.00 | 19.84 -0.68 0.00 | 22.60 -0.80 0.00 | 23.75 -0.76 0.00 | 24.41 -0.91 0.00 | 25.71 -0.91 0.00 | 26.09 -0.97 0.00 | 26.05 -1.09 0.00 | 27.48 -1.09 0.00 | 27.81 -0.92 0.00 | 25.19 -0.97 0.00 | 23.04 -0.76 0.00 | 22.04 -0.71 0.00 | 19.17 -0.78 0.00 | 16.76 -0.66 0.00 | 15.45 -0.63 0.00 |
| N.E._GEN_SANDY PD 24062 | 20.64 1.63 0.00 | 19.13 1.48 0.00 | 16.88 1.32 0.00 | 16.44 1.23 0.00 | 16.28 1.25 0.00 | 18.53 1.36 0.00 | 19.70 1.41 -0.66 | 20.28 1.67 0.64 | 22.65 1.83 -0.28 | 24.73 1.83 -2.39 | 25.45 2.06 0.00 | 26.62 2.11 0.00 | 27.53 2.20 0.00 | 28.88 2.26 0.00 | 29.31 2.25 0.00 | 29.39 2.25 0.00 | 30.96 2.40 0.00 | 31.17 2.44 0.00 | 28.38 2.22 0.00 | 25.82 2.02 0.00 | 24.64 1.89 0.00 | 21.70 1.76 0.00 | 18.90 1.57 0.10 | 18.56 1.40 -1.08 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.95 1.94 0.00 | 19.39 1.75 0.00 | 17.10 1.54 0.00 | 16.62 1.41 0.00 | 16.45 1.41 0.00 | 18.75 1.58 0.00 | 19.37 1.75 0.00 | 21.12 1.87 0.00 | 22.57 2.03 0.00 | 22.53 2.01 0.00 | 25.71 2.32 0.00 | 26.91 2.40 0.00 | 27.88 2.56 0.00 | 29.28 2.66 0.00 | 29.80 2.73 0.00 | 29.87 2.74 0.00 | 31.45 2.88 0.00 | 31.69 2.96 0.00 | 28.87 2.72 0.00 | 26.25 2.45 0.00 | 24.98 2.23 0.00 | 22.06 2.11 0.00 | 19.27 1.85 0.00 | 18.58 1.69 -0.82 |
| NARROWS_GT1_1 24228 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_2 24229 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_3 24230 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_4 24231 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_5 24232 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_6 24233 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT1_7 24234 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| NARROWS_GT1_8 24235 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_1 24236 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_2 24237 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_3 24238 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_4 24239 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_5 24240 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_6 24241 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_7 24242 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NARROWS_GT2_8 24243 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 20.75 1.75 0.00 | 19.30 1.66 0.00 | 17.02 1.46 0.00 | 16.56 1.35 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.18 1.55 0.00 | 20.85 1.60 0.00 | 22.33 1.79 0.00 | 22.28 1.76 0.00 | 25.50 2.11 0.00 | 26.67 2.16 0.00 | 27.63 2.30 0.00 | 29.06 2.45 0.00 | 29.55 2.49 0.00 | 29.74 2.61 0.00 | 31.31 2.74 0.00 | 31.58 2.85 0.00 | 28.74 2.59 0.00 | 26.11 2.31 0.00 | 24.80 2.05 0.00 | 21.82 1.87 0.00 | 19.05 1.62 0.00 | 18.50 1.50 -0.93 |
| NEG CAPITAL___MECHNVIL 23645 | 20.77 1.77 0.00 | 19.23 1.59 0.00 | 16.96 1.40 0.00 | 16.53 1.32 0.00 | 16.37 1.34 0.00 | 18.69 1.51 0.00 | 19.18 1.55 0.00 | 21.08 1.83 0.00 | 22.59 2.05 0.00 | 22.57 2.05 0.00 | 25.64 2.25 0.00 | 26.89 2.38 0.00 | 27.78 2.46 0.00 | 29.15 2.53 0.00 | 29.61 2.54 0.00 | 29.74 2.61 0.00 | 31.33 2.77 0.00 | 31.55 2.82 0.00 | 28.74 2.59 0.00 | 26.09 2.29 0.00 | 24.95 2.21 0.00 | 21.90 1.96 0.00 | 19.11 1.69 0.00 | 18.72 1.50 -1.15 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.66 -0.34 0.00 | 17.27 -0.37 0.00 | 15.18 -0.37 0.00 | 14.95 -0.26 0.00 | 14.76 -0.27 0.00 | 16.99 -0.19 0.00 | 17.33 -0.30 0.00 | 18.37 -0.54 0.34 | 19.29 -0.68 0.58 | 19.84 -0.68 0.00 | 22.45 -0.73 0.22 | 23.46 -0.73 0.32 | 24.17 -0.74 0.42 | 25.32 -0.72 0.58 | 26.11 -0.70 0.25 | 25.93 -0.73 0.47 | 27.91 -0.66 0.00 | 27.28 -0.98 0.48 | 24.90 -0.81 0.44 | 22.45 -0.78 0.56 | 21.96 -0.64 0.15 | 18.84 -0.68 0.43 | 16.81 -0.61 0.00 | 15.70 -0.48 -0.10 |
| NEG CENTRAL___DRP 24199 | 19.37 0.36 0.00 | 17.93 0.28 0.00 | 15.76 0.20 0.00 | 15.47 0.26 0.00 | 15.27 0.24 0.00 | 17.55 0.38 0.00 | 18.02 0.39 0.00 | 19.58 0.33 0.00 | 20.87 0.33 0.00 | 20.75 0.23 0.00 | 23.63 0.28 0.05 | 24.81 0.37 0.07 | 25.62 0.38 0.09 | 26.98 0.48 0.12 | 27.50 0.49 0.05 | 27.53 0.49 0.10 | 29.05 0.49 0.00 | 28.89 0.29 0.13 | 26.35 0.31 0.12 | 23.91 0.26 0.16 | 23.05 0.34 0.04 | 20.00 0.18 0.12 | 17.53 0.11 0.00 | 16.34 0.14 -0.11 |
| NEG CENTRAL___INDECK 23768 | 19.86 0.86 0.00 | 18.33 0.69 0.00 | 16.10 0.54 0.00 | 15.88 0.67 0.00 | 15.66 0.63 0.00 | 18.10 0.93 0.00 | 18.49 0.86 0.00 | 20.46 0.71 -0.50 | 22.01 0.62 -0.86 | 21.32 0.49 -0.31 | 24.28 0.65 -0.24 | 25.44 0.73 -0.19 | 26.31 0.79 -0.20 | 27.61 0.91 -0.09 | 28.36 0.97 -0.32 | 28.22 0.95 -0.14 | 30.14 1.03 -0.55 | 29.33 0.60 0.00 | 26.59 0.65 0.22 | 24.01 0.52 0.32 | 23.58 0.66 -0.17 | 20.10 0.38 0.22 | 17.83 0.28 -0.13 | 16.64 0.39 -0.18 |
| NEG CENTRAL___SENECA 23627 | 19.58 0.57 0.00 | 18.09 0.44 0.00 | 15.90 0.34 0.00 | 15.62 0.41 0.00 | 15.42 0.39 0.00 | 17.76 0.58 0.00 | 18.21 0.58 0.00 | 19.77 0.52 0.00 | 21.05 0.51 0.00 | 20.87 0.35 0.00 | 23.72 0.44 0.12 | 24.88 0.54 0.17 | 25.66 0.56 0.22 | 26.98 0.67 0.31 | 27.64 0.70 0.13 | 27.59 0.70 0.25 | 29.28 0.71 0.00 | 28.89 0.46 0.30 | 26.40 0.52 0.28 | 23.87 0.43 0.36 | 23.18 0.52 0.09 | 19.99 0.32 0.27 | 17.65 0.23 0.00 | 16.49 0.29 -0.12 |

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| NEG CENTRAL___STATE_STREET 24147 | 19.37 0.36 0.00 | 17.96 0.32 0.00 | 15.79 0.23 0.00 | 15.48 0.27 0.00 | 15.29 0.26 0.00 | 17.54 0.36 0.00 | 18.02 0.39 0.00 | 19.62 0.36 0.00 | 20.95 0.41 0.00 | 20.87 0.35 0.00 | 23.83 0.44 0.00 | 25.05 0.54 0.00 | 25.91 0.58 0.00 | 27.31 0.69 0.00 | 27.77 0.70 0.00 | 27.84 0.70 0.00 | 29.19 0.63 0.00 | 29.19 0.46 0.00 | 26.57 0.42 0.00 | 24.18 0.38 0.00 | 23.18 0.43 0.00 | 20.22 0.28 0.00 | 17.62 0.19 0.00 | 16.37 0.18 -0.11 |
| NEG MILLWOOD___DRP 24198 | 21.15 2.15 0.00 | 19.60 1.96 0.00 | 17.29 1.73 0.00 | 16.80 1.60 0.00 | 16.61 1.58 0.00 | 18.96 1.79 0.00 | 19.60 1.97 0.00 | 21.41 2.16 0.00 | 22.88 2.34 0.00 | 22.84 2.32 0.00 | 26.06 2.67 0.00 | 27.28 2.77 0.00 | 28.26 2.94 0.00 | 29.68 3.06 0.00 | 30.20 3.14 0.00 | 30.33 3.20 0.00 | 31.96 3.40 0.00 | 32.21 3.48 0.00 | 29.34 3.19 0.00 | 26.63 2.83 0.00 | 25.34 2.59 0.00 | 22.36 2.41 0.00 | 19.48 2.06 0.00 | 18.81 1.86 -0.87 |
| NEG NORTH_FLCN_SEA 23793 | 18.13 -0.87 0.00 | 16.87 -0.78 0.00 | 14.94 -0.62 0.00 | 14.61 -0.59 0.00 | 14.43 -0.60 0.00 | 16.52 -0.65 0.00 | 16.98 -0.65 0.00 | 18.71 -0.54 0.00 | 19.99 -0.55 0.00 | 19.99 -0.53 0.00 | 22.76 -0.63 0.00 | 23.92 -0.59 0.00 | 24.62 -0.71 0.00 | 25.90 -0.72 0.00 | 26.31 -0.76 0.00 | 26.32 -0.81 0.00 | 27.79 -0.77 0.00 | 28.10 -0.63 0.00 | 25.42 -0.73 0.00 | 23.18 -0.62 0.00 | 22.16 -0.59 0.00 | 19.29 -0.66 0.00 | 16.87 -0.56 0.00 | 15.56 -0.52 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 17.96 -1.05 0.00 | 16.69 -0.95 0.00 | 14.77 -0.79 0.00 | 14.45 -0.76 0.00 | 14.28 -0.75 0.00 | 16.33 -0.84 0.00 | 16.80 -0.83 0.00 | 18.50 -0.75 0.00 | 19.74 -0.80 0.00 | 19.74 -0.78 0.00 | 22.48 -0.91 0.00 | 23.60 -0.91 0.00 | 24.31 -1.01 0.00 | 25.58 -1.04 0.00 | 25.98 -1.08 0.00 | 26.00 -1.14 0.00 | 27.42 -1.14 0.00 | 27.75 -0.98 0.00 | 25.11 -1.05 0.00 | 22.92 -0.88 0.00 | 21.91 -0.84 0.00 | 19.09 -0.86 0.00 | 16.69 -0.73 0.00 | 15.40 -0.67 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 18.11 -0.89 0.00 | 16.85 -0.79 0.00 | 14.92 -0.64 0.00 | 14.60 -0.61 0.00 | 14.43 -0.60 0.00 | 16.50 -0.67 0.00 | 16.98 -0.65 0.00 | 18.73 -0.52 0.00 | 19.99 -0.55 0.00 | 19.99 -0.53 0.00 | 22.76 -0.63 0.00 | 23.92 -0.59 0.00 | 24.62 -0.71 0.00 | 25.90 -0.72 0.00 | 26.34 -0.73 0.00 | 26.35 -0.79 0.00 | 27.82 -0.74 0.00 | 28.16 -0.57 0.00 | 25.45 -0.70 0.00 | 23.23 -0.57 0.00 | 22.20 -0.55 0.00 | 19.31 -0.64 0.00 | 16.88 -0.54 0.00 | 15.58 -0.50 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 18.11 -0.89 0.00 | 16.85 -0.79 0.00 | 14.92 -0.64 0.00 | 14.60 -0.61 0.00 | 14.43 -0.60 0.00 | 16.50 -0.67 0.00 | 16.98 -0.65 0.00 | 18.73 -0.52 0.00 | 19.99 -0.55 0.00 | 19.99 -0.53 0.00 | 22.76 -0.63 0.00 | 23.92 -0.59 0.00 | 24.62 -0.71 0.00 | 25.90 -0.72 0.00 | 26.34 -0.73 0.00 | 26.35 -0.79 0.00 | 27.82 -0.74 0.00 | 28.16 -0.57 0.00 | 25.45 -0.70 0.00 | 23.23 -0.57 0.00 | 22.20 -0.55 0.00 | 19.31 -0.64 0.00 | 16.88 -0.54 0.00 | 15.58 -0.50 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 18.11 -0.89 0.00 | 16.85 -0.79 0.00 | 14.92 -0.64 0.00 | 14.60 -0.61 0.00 | 14.43 -0.60 0.00 | 16.50 -0.67 0.00 | 16.98 -0.65 0.00 | 18.73 -0.52 0.00 | 19.99 -0.55 0.00 | 19.99 -0.53 0.00 | 22.76 -0.63 0.00 | 23.92 -0.59 0.00 | 24.62 -0.71 0.00 | 25.90 -0.72 0.00 | 26.34 -0.73 0.00 | 26.35 -0.79 0.00 | 27.82 -0.74 0.00 | 28.16 -0.57 0.00 | 25.45 -0.70 0.00 | 23.23 -0.57 0.00 | 22.20 -0.55 0.00 | 19.31 -0.64 0.00 | 16.88 -0.54 0.00 | 15.58 -0.50 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 19.10 0.10 0.00 | 17.63 -0.02 0.00 | 15.50 -0.06 0.00 | 15.30 0.09 0.00 | 15.09 0.06 0.00 | 17.43 0.26 0.00 | 17.60 -0.04 0.00 | 19.01 -0.10 0.14 | 20.07 -0.23 0.25 | 14.34 -0.49 5.69 | 15.18 -0.63 7.58 | 15.79 -0.61 8.11 | 15.07 -0.61 9.64 | 16.11 -0.64 9.87 | 16.87 -0.68 9.52 | 17.03 -0.79 9.31 | 17.29 -0.80 10.48 | 19.45 -1.32 7.96 | 21.69 -0.94 3.52 | 18.86 -1.17 3.77 | 16.21 -0.98 5.56 | 15.71 -0.96 3.28 | 14.34 -0.75 2.34 | 15.21 -0.42 0.45 |
| NEG WEST___LANCASTR 23811 | 19.88 0.87 0.00 | 18.32 0.67 0.00 | 16.10 0.54 0.00 | 15.85 0.64 0.00 | 15.63 0.60 0.00 | 18.10 0.93 0.00 | 18.41 0.77 0.00 | 24.55 0.79 -4.51 | 29.00 0.76 -7.70 | 55.62 0.31 -34.79 | 68.63 0.23 -45.00 | 72.42 0.30 -47.62 | 82.09 0.33 -56.44 | 83.80 0.35 -56.84 | 83.87 0.35 -56.45 | 81.20 0.22 -53.85 | 94.68 0.26 -65.86 | 74.40 -0.20 -45.87 | 44.81 0.16 -18.50 | 42.91 -0.02 -19.13 | 56.18 0.07 -33.36 | 37.05 0.02 -17.08 | 32.01 0.12 -14.46 | 20.20 0.45 -3.68 |
| NEG_PENN_ALLEGHNY 23528 | 19.84 0.84 0.00 | 18.37 0.72 0.00 | 16.16 0.61 0.00 | 15.83 0.62 0.00 | 15.62 0.59 0.00 | 17.95 0.77 0.00 | 18.40 0.77 0.00 | 20.22 0.79 -0.18 | 21.70 0.84 -0.31 | 21.22 0.70 0.00 | 24.14 0.80 0.05 | 25.32 0.88 0.07 | 26.14 0.91 0.09 | 27.50 1.01 0.13 | 28.04 1.03 0.05 | 28.06 1.03 0.10 | 29.62 1.06 0.00 | 29.50 0.89 0.13 | 26.95 0.91 0.12 | 24.46 0.81 0.15 | 23.53 0.82 0.04 | 20.51 0.68 0.12 | 18.00 0.57 0.00 | 16.97 0.61 -0.28 |
| NEG___GEN_MONROE 24207 | 19.31 0.30 0.00 | 17.87 0.23 0.00 | 15.70 0.14 0.00 | 15.48 0.27 0.00 | 15.29 0.26 0.00 | 17.62 0.45 0.00 | 17.93 0.30 0.00 | 18.86 0.02 0.41 | 19.71 -0.12 0.71 | 17.43 -0.12 2.97 | 19.25 -0.07 4.07 | 20.07 -0.05 4.39 | 20.05 -0.03 5.25 | 21.18 0.00 5.44 | 22.06 0.03 5.03 | 22.08 -0.03 5.03 | 23.67 0.03 4.93 | 23.95 0.03 4.40 | 23.84 -0.37 2.08 | 21.21 -0.31 2.28 | 19.60 -0.18 2.97 | 17.72 -0.28 1.95 | 15.95 -0.26 1.21 | 15.81 -0.08 0.19 |
| NEPA___ENERGY 23901 | 19.94 0.93 0.00 | 18.39 0.74 0.00 | 16.16 0.61 0.00 | 15.91 0.70 0.00 | 15.69 0.66 0.00 | 18.17 1.00 0.00 | 18.46 0.83 0.00 | 23.05 0.79 -3.01 | 26.40 0.72 -5.14 | 55.17 0.29 -34.36 | 68.05 0.21 -44.45 | 71.81 0.27 -47.03 | 81.37 0.30 -55.74 | 83.05 0.29 -56.14 | 83.12 0.30 -55.75 | 80.48 0.16 -53.18 | 91.24 0.20 -62.47 | 73.83 -0.20 -45.30 | 44.58 0.16 -18.27 | 42.69 0.00 -18.89 | 55.76 0.07 -32.95 | 36.85 0.04 -16.87 | 31.84 0.14 -14.28 | 20.20 0.48 -3.63 |
| NEVERSINK___HYD 23608 | 19.98 0.97 0.00 | 18.51 0.86 0.00 | 16.29 0.73 0.00 | 15.88 0.67 0.00 | 15.69 0.66 0.00 | 17.93 0.75 0.00 | 18.53 0.90 0.00 | 20.19 0.94 0.00 | 21.61 1.07 0.00 | 21.59 1.07 0.00 | 24.65 1.26 0.00 | 25.83 1.32 0.00 | 26.72 1.39 0.00 | 28.08 1.46 0.00 | 28.61 1.54 0.00 | 28.71 1.57 0.00 | 30.19 1.63 0.00 | 30.40 1.67 0.00 | 27.72 1.57 0.00 | 25.21 1.40 0.00 | 24.02 1.27 0.00 | 21.14 1.20 0.00 | 18.42 0.99 0.00 | 17.72 0.90 -0.74 |
| NEWTON___FALLS_HYD 23847 | 18.55 -0.46 0.00 | 17.24 -0.41 0.00 | 15.20 -0.36 0.00 | 14.89 -0.32 0.00 | 14.69 -0.35 0.00 | 16.87 -0.31 0.00 | 17.35 -0.28 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.33 -0.19 0.00 | 23.23 -0.16 0.00 | 24.36 -0.15 0.00 | 25.02 -0.30 0.00 | 26.30 -0.32 0.00 | 26.74 -0.32 0.00 | 26.65 -0.49 0.00 | 27.99 -0.57 0.00 | 28.16 -0.57 0.00 | 25.68 -0.47 0.00 | 23.52 -0.28 0.00 | 22.64 -0.11 0.00 | 19.73 -0.22 0.00 | 17.18 -0.24 0.00 | 15.79 -0.29 0.00 |
| NIAGARA_115E_LBMP 323715 | 18.72 -0.28 0.00 | 17.29 -0.35 0.00 | 15.20 -0.36 0.00 | 15.03 -0.18 0.00 | 14.84 -0.20 0.00 | 17.09 -0.09 0.00 | 17.23 -0.40 0.00 | 16.96 -0.52 1.77 | 16.87 -0.66 3.01 | 13.02 -0.76 6.74 | 13.49 -0.96 8.94 | 14.03 -0.93 9.55 | 13.01 -0.96 11.36 | 14.01 -1.01 11.60 | 14.80 -1.06 11.21 | 15.01 -1.19 10.93 | 14.98 -1.23 12.36 | 17.57 -1.75 9.41 | 20.73 -1.31 4.11 | 18.03 -1.38 4.39 | 14.96 -1.18 6.60 | 15.00 -1.12 3.83 | 13.76 -0.87 2.79 | 15.02 -0.50 0.56 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| NIAGARA_115W_LBMP 323714 | 18.66 -0.34 0.00 | 17.24 -0.41 0.00 | 15.15 -0.40 0.00 | 14.93 -0.27 0.00 | 14.75 -0.29 0.00 | 16.76 -0.41 0.00 | 16.99 -0.62 0.02 | 16.79 -0.69 1.77 | 16.71 -0.82 3.01 | 12.86 -0.92 6.74 | 13.30 -1.15 8.94 | 13.83 -1.13 9.55 | 12.80 -1.16 11.36 | 13.82 -1.20 11.60 | 14.58 -1.27 11.21 | 14.79 -1.41 10.93 | 14.78 -1.43 12.36 | 17.40 -1.92 9.41 | 20.55 -1.49 4.11 | 17.96 -1.45 4.39 | 14.87 -1.27 6.60 | 14.92 -1.20 3.83 | 13.71 -0.92 2.79 | 14.97 -0.55 0.56 |
| NIAGARA_230_LBMP 323716 | 18.91 -0.09 0.00 | 17.47 -0.18 0.00 | 15.36 -0.20 0.00 | 15.15 -0.06 0.00 | 14.96 -0.07 0.00 | 17.30 0.12 0.00 | 17.43 -0.19 0.00 | 17.17 -0.33 1.75 | 17.10 -0.45 2.99 | 13.08 -0.72 6.72 | 13.58 -0.89 8.92 | 14.10 -0.88 9.53 | 13.10 -0.89 11.34 | 14.11 -0.93 11.58 | 14.90 -0.97 11.19 | 15.11 -1.11 10.91 | 15.11 -1.11 12.34 | 17.73 -1.61 9.39 | 20.86 -1.20 4.09 | 18.17 -1.26 4.37 | 15.10 -1.07 6.58 | 15.12 -1.02 3.81 | 13.87 -0.78 2.77 | 15.09 -0.45 0.54 |
| NIAGARA____ 23760 | 18.70 -0.30 0.00 | 17.26 -0.39 0.00 | 15.17 -0.39 0.00 | 14.98 -0.23 0.00 | 14.79 -0.24 0.00 | 16.95 -0.22 0.00 | 17.20 -0.42 0.01 | 16.99 -0.50 1.76 | 16.90 -0.64 3.01 | 12.99 -0.80 6.73 | 13.48 -0.98 8.93 | 13.99 -0.98 9.54 | 12.99 -0.99 11.35 | 13.99 -1.04 11.59 | 14.78 -1.08 11.20 | 14.99 -1.22 10.92 | 14.99 -1.23 12.35 | 17.61 -1.72 9.40 | 20.74 -1.31 4.10 | 18.12 -1.31 4.38 | 15.02 -1.14 6.59 | 15.05 -1.08 3.82 | 13.81 -0.84 2.78 | 15.05 -0.48 0.55 |
| NINE_MILE_1 23575 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.79 -0.46 0.00 | 20.03 -0.51 0.00 | 19.99 -0.53 0.00 | 21.31 -0.58 1.50 | 21.75 -0.59 2.17 | 21.87 -0.61 2.84 | 22.06 -0.64 3.92 | 24.75 -0.62 1.70 | 23.34 -0.62 3.18 | 27.91 -0.66 0.00 | 23.98 -0.75 4.01 | 21.74 -0.68 3.74 | 18.42 -0.62 4.77 | 20.93 -0.57 1.25 | 15.79 -0.52 3.63 | 16.95 -0.47 0.00 | 15.71 -0.42 -0.05 |
| NINE_MILE_2 23744 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.79 -0.46 0.00 | 20.03 -0.51 0.00 | 20.01 -0.51 0.00 | 21.29 -0.58 1.52 | 21.72 -0.59 2.20 | 21.84 -0.61 2.88 | 22.01 -0.64 3.97 | 24.72 -0.62 1.72 | 23.30 -0.62 3.22 | 27.91 -0.66 0.00 | 23.92 -0.75 4.06 | 21.69 -0.68 3.78 | 18.36 -0.62 4.83 | 20.93 -0.55 1.27 | 15.75 -0.52 3.68 | 16.95 -0.47 0.00 | 15.71 -0.42 -0.05 |
| NM_CAPITAL____DRP 24208 | 20.38 1.37 0.00 | 18.88 1.23 0.00 | 16.66 1.10 0.00 | 16.24 1.03 0.00 | 16.08 1.05 0.00 | 18.31 1.13 0.00 | 18.56 0.93 0.00 | 20.35 1.10 0.00 | 21.77 1.23 0.00 | 21.77 1.25 0.00 | 24.82 1.43 0.00 | 25.96 1.45 0.00 | 26.82 1.49 0.00 | 28.13 1.52 0.00 | 28.61 1.54 0.00 | 28.68 1.55 0.00 | 30.22 1.66 0.00 | 30.40 1.67 0.00 | 27.72 1.57 0.00 | 25.21 1.40 0.00 | 24.07 1.32 0.00 | 21.18 1.24 0.00 | 18.61 1.19 0.00 | 18.22 1.04 -1.10 |
| NM_CENTRAL____DRP 24181 | 19.10 0.10 0.00 | 17.72 0.07 0.00 | 15.61 0.05 0.00 | 15.28 0.08 0.00 | 15.09 0.06 0.00 | 17.30 0.12 0.00 | 17.75 0.12 0.00 | 19.33 0.08 0.00 | 20.64 0.10 0.00 | 20.60 0.08 0.00 | 23.47 0.12 0.04 | 24.63 0.17 0.06 | 25.43 0.18 0.07 | 26.76 0.24 0.10 | 27.26 0.24 0.04 | 27.33 0.27 0.08 | 28.82 0.26 0.00 | 28.74 0.12 0.11 | 26.16 0.11 0.10 | 23.74 0.07 0.13 | 22.85 0.14 0.03 | 19.90 0.06 0.10 | 17.42 0.00 0.00 | 16.17 0.02 -0.07 |
| NM_FRONTIER____DRP 24179 | 18.66 -0.34 0.00 | 17.24 -0.41 0.00 | 15.15 -0.40 0.00 | 14.93 -0.27 0.00 | 14.75 -0.29 0.00 | 16.76 -0.41 0.00 | 16.99 -0.62 0.02 | 16.79 -0.69 1.77 | 16.71 -0.82 3.01 | 12.86 -0.92 6.74 | 13.30 -1.15 8.94 | 13.83 -1.13 9.55 | 12.80 -1.16 11.36 | 13.82 -1.20 11.60 | 14.58 -1.27 11.21 | 14.79 -1.41 10.93 | 14.78 -1.43 12.36 | 17.40 -1.92 9.41 | 20.55 -1.49 4.11 | 17.96 -1.45 4.39 | 14.87 -1.27 6.60 | 14.92 -1.20 3.83 | 13.71 -0.92 2.79 | 14.97 -0.55 0.56 |
| NM_ST_REGIS____HYD 24053 | 17.83 -1.18 0.00 | 16.59 -1.06 0.00 | 14.67 -0.89 0.00 | 14.36 -0.85 0.00 | 14.16 -0.87 0.00 | 16.23 -0.94 0.00 | 16.69 -0.93 0.00 | 18.38 -0.87 0.00 | 19.60 -0.94 0.00 | 19.64 -0.88 0.00 | 22.39 -1.01 0.00 | 23.50 -1.01 0.00 | 24.14 -1.19 0.00 | 25.42 -1.20 0.00 | 25.74 -1.33 0.00 | 25.56 -1.57 0.00 | 26.91 -1.66 0.00 | 27.21 -1.52 0.00 | 24.72 -1.44 0.00 | 22.71 -1.09 0.00 | 21.84 -0.91 0.00 | 18.99 -0.96 0.00 | 16.59 -0.84 0.00 | 15.28 -0.80 0.00 |
| NORTHPORT____1 23551 | 23.78 2.85 -1.92 | 20.96 2.56 -0.76 | 18.36 2.29 -0.51 | 18.11 2.17 -0.73 | 18.56 2.13 -1.39 | 20.00 2.42 -0.41 | 21.56 2.57 -1.36 | 25.06 2.75 -3.05 | 25.62 2.98 -2.11 | 27.04 2.91 -3.61 | 27.16 3.30 -0.47 | 28.04 3.38 -0.14 | 28.84 3.52 0.00 | 31.35 3.67 -1.06 | 32.60 3.82 -1.72 | 34.35 3.80 -3.42 | 41.18 3.97 -8.65 | 49.63 4.02 -16.87 | 34.40 3.74 -4.51 | 31.70 3.38 -4.52 | 30.31 3.12 -4.45 | 28.13 2.87 -5.31 | 24.16 2.58 -4.15 | 20.74 2.40 -2.26 |
| NORTHPORT____2 23552 | 23.78 2.85 -1.92 | 20.96 2.56 -0.76 | 18.36 2.29 -0.51 | 18.11 2.17 -0.73 | 18.56 2.13 -1.39 | 20.00 2.42 -0.41 | 21.56 2.57 -1.36 | 25.06 2.75 -3.05 | 25.62 2.98 -2.11 | 27.04 2.91 -3.61 | 27.16 3.30 -0.47 | 28.04 3.38 -0.14 | 28.84 3.52 0.00 | 31.35 3.67 -1.06 | 32.60 3.82 -1.72 | 34.35 3.80 -3.42 | 41.18 3.97 -8.65 | 49.63 4.02 -16.87 | 34.40 3.74 -4.51 | 31.70 3.38 -4.52 | 30.31 3.12 -4.45 | 28.13 2.87 -5.31 | 24.16 2.58 -4.15 | 20.74 2.40 -2.26 |
| NORTHPORT____3 23553 | 23.50 2.60 -1.89 | 20.68 2.29 -0.75 | 18.10 2.04 -0.51 | 17.84 1.92 -0.72 | 18.29 1.88 -1.38 | 19.72 2.15 -0.40 | 21.28 2.31 -1.35 | 24.82 2.52 -3.05 | 25.36 2.71 -2.11 | 26.80 2.67 -3.61 | 26.60 2.74 -0.47 | 27.42 2.77 -0.14 | 28.26 2.94 0.00 | 30.76 3.09 -1.06 | 32.00 3.22 -1.72 | 33.78 3.23 -3.42 | 40.61 3.40 -8.65 | 49.05 3.45 -16.87 | 33.82 3.16 -4.51 | 31.18 2.85 -4.52 | 29.79 2.59 -4.45 | 27.67 2.41 -5.31 | 23.95 2.39 -4.14 | 20.61 2.27 -2.26 |
| NORTHPORT____4 23650 | 23.50 2.60 -1.89 | 20.68 2.29 -0.75 | 18.10 2.04 -0.51 | 17.84 1.92 -0.72 | 18.29 1.88 -1.38 | 19.72 2.15 -0.40 | 21.28 2.31 -1.35 | 24.82 2.52 -3.05 | 25.36 2.71 -2.11 | 26.80 2.67 -3.61 | 26.60 2.74 -0.47 | 27.42 2.77 -0.14 | 28.26 2.94 0.00 | 30.76 3.09 -1.06 | 32.00 3.22 -1.72 | 33.78 3.23 -3.42 | 40.61 3.40 -8.65 | 49.05 3.45 -16.87 | 33.82 3.16 -4.51 | 31.18 2.85 -4.52 | 29.79 2.59 -4.45 | 27.67 2.41 -5.31 | 23.95 2.39 -4.14 | 20.61 2.27 -2.26 |
| NORTHPORT____IC 23718 | 23.78 2.85 -1.92 | 20.96 2.56 -0.76 | 18.36 2.29 -0.51 | 18.11 2.17 -0.73 | 18.56 2.13 -1.39 | 20.00 2.42 -0.41 | 21.56 2.57 -1.36 | 25.06 2.75 -3.05 | 25.62 2.98 -2.11 | 27.04 2.91 -3.61 | 27.16 3.30 -0.47 | 28.04 3.38 -0.14 | 28.84 3.52 0.00 | 31.35 3.67 -1.06 | 32.60 3.82 -1.72 | 34.35 3.80 -3.42 | 41.18 3.97 -8.65 | 49.63 4.02 -16.87 | 34.40 3.74 -4.51 | 31.70 3.38 -4.52 | 30.31 3.12 -4.45 | 28.13 2.87 -5.31 | 24.16 2.58 -4.15 | 20.74 2.40 -2.26 |
| NPX_GEN_1385_PROXY 323591 | 23.51 2.58 -1.92 | 20.77 2.37 -0.76 | 18.06 1.99 -0.51 | 17.99 2.05 -0.73 | 18.38 1.95 -1.39 | 19.81 2.23 -0.41 | 21.96 2.31 -2.02 | 23.84 2.19 -2.39 | 25.40 2.75 -2.11 | 26.78 2.65 -3.61 | 27.00 3.14 -0.47 | 27.86 3.21 -0.14 | 28.41 3.09 -1.06 | 30.87 3.22 -1.72 | 32.00 3.22 -3.42 | 33.81 3.25 -3.77 | 35.45 3.11 -4.28 | 36.20 3.19 -4.28 | 33.85 3.19 -4.51 | 31.00 2.83 -4.37 | 29.70 2.50 -4.45 | 27.59 2.33 -5.31 | 23.62 2.14 -4.06 | 20.59 2.16 -2.36 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| NPX_GEN_CSC 323557 | 24.40 3.14 -2.25 | 21.18 2.65 -0.89 | 18.68 2.55 -0.57 | 18.40 2.40 -0.79 | 18.86 2.37 -1.45 | 20.31 2.68 -0.46 | 22.55 2.86 -2.07 | 24.69 3.02 -2.42 | 25.65 2.98 -2.13 | 27.00 2.85 -3.63 | 27.33 3.46 -0.47 | 28.06 3.41 -0.14 | 29.02 3.70 0.00 | 31.40 3.73 -1.06 | 32.70 3.92 -1.72 | 34.49 3.93 -3.42 | 41.42 4.20 -8.65 | 49.89 4.28 -16.87 | 34.61 3.95 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.25 2.99 -5.31 | 24.27 2.61 -4.23 | 20.86 2.36 -2.42 |
| NSINS_S_GLNS_FALLS 23858 | 20.85 1.84 0.00 | 19.29 1.64 0.00 | 16.99 1.43 0.00 | 16.58 1.37 0.00 | 16.40 1.37 0.00 | 18.74 1.56 0.00 | 19.29 1.66 0.00 | 21.22 1.96 0.00 | 22.76 2.22 0.00 | 22.76 2.24 0.00 | 25.68 2.29 0.00 | 26.96 2.45 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.61 2.54 0.00 | 29.74 2.61 0.00 | 31.33 2.77 0.00 | 31.60 2.87 0.00 | 28.95 2.80 0.00 | 26.28 2.48 0.00 | 25.23 2.48 0.00 | 22.10 2.15 0.00 | 19.25 1.83 0.00 | 18.85 1.61 -1.16 |
| NUCOR_STEEL__DRP 24197 | 19.31 0.30 0.00 | 17.91 0.27 0.00 | 15.76 0.20 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.48 0.31 0.00 | 17.96 0.33 0.00 | 19.54 0.29 0.00 | 20.85 0.31 0.00 | 20.79 0.27 0.00 | 23.74 0.30 -0.04 | 24.96 0.39 -0.06 | 25.83 0.43 -0.08 | 27.23 0.50 -0.11 | 27.65 0.54 -0.05 | 27.76 0.54 -0.09 | 28.99 0.43 0.00 | 29.02 0.29 0.00 | 26.44 0.29 0.00 | 24.06 0.26 0.00 | 23.07 0.32 0.00 | 20.14 0.20 0.00 | 17.55 0.12 0.00 | 16.31 0.13 -0.11 |
| NYISO_LBMP_REFERENCE 24008 | 19.01 0.00 0.00 | 17.65 0.00 0.00 | 15.56 0.00 0.00 | 15.21 0.00 0.00 | 15.03 0.00 0.00 | 17.17 0.00 0.00 | 17.63 0.00 0.00 | 19.25 0.00 0.00 | 20.54 0.00 0.00 | 20.52 0.00 0.00 | 23.39 0.00 0.00 | 24.51 0.00 0.00 | 25.32 0.00 0.00 | 26.62 0.00 0.00 | 27.06 0.00 0.00 | 27.13 0.00 0.00 | 28.56 0.00 0.00 | 28.73 0.00 0.00 | 26.15 0.00 0.00 | 23.80 0.00 0.00 | 22.75 0.00 0.00 | 19.94 0.00 0.00 | 17.42 0.00 0.00 | 16.08 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 24.85 3.12 -2.73 | 21.49 2.77 -1.08 | 18.69 2.47 -0.66 | 18.42 2.34 -0.87 | 18.88 2.31 -1.53 | 20.33 2.63 -0.53 | 21.90 2.80 -1.47 | 25.40 3.04 -3.11 | 25.94 3.22 -2.17 | 27.36 3.18 -3.66 | 27.49 3.63 -0.47 | 28.36 3.70 -0.14 | 29.22 3.90 0.00 | 31.77 4.10 -1.06 | 33.06 4.27 -1.72 | 34.73 4.18 -3.42 | 41.61 4.40 -8.65 | 50.08 4.48 -16.87 | 34.79 4.13 -4.51 | 32.13 3.81 -4.52 | 30.70 3.50 -4.45 | 28.45 3.19 -5.31 | 24.85 2.84 -4.59 | 21.08 2.59 -2.41 |
| NYPA_GOWANUS____GT5 24156 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.21 2.65 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.65 3.57 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.59 3.51 -3.93 | 33.91 3.19 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NYPA_GOWANUS____GT6 24157 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.21 2.65 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.65 3.57 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.59 3.51 -3.93 | 33.91 3.19 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |
| NYPA_HARLEM__RVR__GT1 24160 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.33 2.56 -0.25 | 26.36 2.95 -0.02 | 28.16 3.06 -0.59 | 29.50 3.22 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.11 3.54 -0.01 | 32.38 3.65 0.00 | 29.43 3.27 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.48 2.61 -0.92 | 21.31 2.28 -1.60 | 19.15 2.09 -0.98 |
| NYPA_HARLEM__RVR__GT2 24161 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.33 2.56 -0.25 | 26.36 2.95 -0.02 | 28.16 3.06 -0.59 | 29.50 3.22 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.11 3.54 -0.01 | 32.38 3.65 0.00 | 29.43 3.27 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.48 2.61 -0.92 | 21.31 2.28 -1.60 | 19.15 2.09 -0.98 |
| NYPA_KENT____GT 24152 | 21.50 2.49 -0.01 | 19.89 2.24 -0.01 | 17.53 1.96 -0.01 | 17.03 1.81 -0.01 | 16.83 1.79 -0.01 | 19.21 2.03 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.21 2.65 -0.02 | 26.71 2.65 -3.54 | 32.58 3.04 -6.15 | 29.25 3.16 -1.58 | 31.89 3.32 -3.25 | 32.28 3.46 -2.20 | 33.61 3.52 -3.03 | 33.64 3.55 -2.95 | 35.61 3.71 -3.34 | 36.44 3.79 -3.91 | 31.86 3.45 -2.26 | 31.03 3.14 -4.09 | 31.17 2.91 -5.51 | 27.66 2.71 -5.01 | 29.79 2.35 -10.01 | 20.71 2.14 -2.49 |
| NYPA_POUCH1____GT 24155 | 21.52 2.51 -0.01 | 19.91 2.26 -0.01 | 17.51 1.94 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.17 1.99 -0.01 | 19.90 2.15 -0.12 | 21.71 2.37 -0.09 | 23.15 2.59 -0.02 | 27.49 2.61 -4.36 | 36.95 3.02 -10.54 | 29.76 3.16 -2.09 | 33.02 3.27 -4.43 | 33.05 3.41 -3.02 | 34.90 3.49 -4.35 | 35.04 3.53 -4.38 | 36.59 3.69 -4.34 | 37.59 3.76 -5.10 | 33.01 3.43 -3.43 | 33.01 3.12 -6.09 | 33.42 2.89 -7.79 | 29.76 2.67 -7.14 | 34.18 2.35 -14.40 | 21.07 2.12 -2.87 |
| NYPA_VERNON____GT2 24162 | 21.45 2.43 -0.01 | 19.86 2.21 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.82 1.77 -0.01 | 19.19 2.01 -0.01 | 19.94 2.19 -0.12 | 21.76 2.43 -0.09 | 23.19 2.63 -0.02 | 26.90 2.63 -3.75 | 29.68 2.99 -3.30 | 28.49 3.11 -0.86 | 30.16 3.27 -1.57 | 30.90 3.41 -0.88 | 31.57 3.47 -1.04 | 31.56 3.50 -0.92 | 33.07 3.66 -0.85 | 33.46 3.73 -0.99 | 30.13 3.40 -0.58 | 28.16 3.09 -1.26 | 27.65 2.87 -2.04 | 24.57 2.65 -1.97 | 23.51 2.32 -3.76 | 20.79 2.12 -2.59 |
| NYPA_VERNON____GT3 24163 | 21.45 2.43 -0.01 | 19.86 2.21 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.82 1.77 -0.01 | 19.19 2.01 -0.01 | 19.94 2.19 -0.12 | 21.76 2.43 -0.09 | 23.19 2.63 -0.02 | 26.90 2.63 -3.75 | 29.68 2.99 -3.30 | 28.49 3.11 -0.86 | 30.16 3.27 -1.57 | 30.90 3.41 -0.88 | 31.57 3.47 -1.04 | 31.56 3.50 -0.92 | 33.07 3.66 -0.85 | 33.46 3.73 -0.99 | 30.13 3.40 -0.58 | 28.16 3.09 -1.26 | 27.65 2.87 -2.04 | 24.57 2.65 -1.97 | 23.51 2.32 -3.76 | 20.79 2.12 -2.59 |
| NYPA__ASTORIA_CC1 323568 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 26.43 2.59 -3.33 | 28.35 2.95 -2.01 | 28.19 3.06 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.51 3.35 -0.01 | 27.15 3.05 -0.30 | 26.35 2.82 -0.78 | 23.52 2.63 -0.94 | 21.35 2.28 -1.64 | 20.58 2.11 -2.39 |
| NYPA__ASTORIA_CC2 323569 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 26.43 2.59 -3.33 | 28.35 2.95 -2.01 | 28.19 3.06 -0.62 | 29.56 3.24 -0.99 | 30.35 3.35 -0.38 | 30.84 3.44 -0.33 | 30.81 3.45 -0.23 | 32.17 3.60 -0.01 | 32.41 3.68 0.00 | 29.51 3.35 -0.01 | 27.15 3.05 -0.30 | 26.35 2.82 -0.78 | 23.52 2.63 -0.94 | 21.35 2.28 -1.64 | 20.58 2.11 -2.39 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| NYPA___HOLTSVILL 23794 | 24.29 3.06 -2.22 | 21.19 2.66 -0.88 | 18.57 2.44 -0.56 | 18.30 2.31 -0.78 | 18.76 2.28 -1.45 | 20.20 2.58 -0.45 | 21.78 2.75 -1.40 | 25.29 2.96 -3.08 | 25.71 3.04 -2.13 | 27.11 2.96 -3.63 | 27.26 3.39 -0.47 | 28.09 3.43 -0.14 | 28.97 3.65 0.00 | 31.46 3.78 -1.06 | 32.73 3.95 -1.72 | 34.49 3.93 -3.42 | 41.36 4.14 -8.65 | 49.83 4.23 -16.87 | 34.56 3.90 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.27 3.01 -5.31 | 24.42 2.68 -4.31 | 20.84 2.44 -2.32 |
| NYPA___HELLGATE_GT1 24158 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.33 2.56 -0.25 | 26.36 2.95 -0.02 | 28.16 3.06 -0.59 | 29.50 3.22 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.11 3.54 -0.01 | 32.38 3.65 0.00 | 29.43 3.27 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.48 2.61 -0.92 | 21.31 2.28 -1.60 | 19.15 2.09 -0.98 |
| NYPA___HELLGATE_GT2 24159 | 21.41 2.39 -0.01 | 19.84 2.19 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.07 2.53 -0.01 | 23.33 2.56 -0.25 | 26.36 2.95 -0.02 | 28.16 3.06 -0.59 | 29.50 3.22 -0.95 | 30.01 3.33 -0.06 | 30.55 3.38 -0.11 | 30.69 3.34 -0.22 | 32.11 3.54 -0.01 | 32.38 3.65 0.00 | 29.43 3.27 -0.01 | 27.07 2.97 -0.29 | 25.81 2.77 -0.29 | 23.48 2.61 -0.92 | 21.31 2.28 -1.60 | 19.15 2.09 -0.98 |
| NYS_BARGE___HYD 23848 | 19.08 0.08 0.00 | 17.61 -0.04 0.00 | 15.48 -0.08 0.00 | 15.28 0.08 0.00 | 15.09 0.06 0.00 | 17.41 0.24 0.00 | 17.58 -0.05 0.00 | 18.98 -0.11 0.16 | 20.03 -0.25 0.27 | 14.31 -0.45 5.75 | 15.14 -0.58 7.66 | 15.77 -0.54 8.20 | 15.04 -0.53 9.75 | 16.05 -0.59 9.98 | 16.84 -0.60 9.63 | 16.98 -0.73 9.42 | 17.22 -0.74 10.60 | 19.42 -1.26 8.05 | 21.70 -0.89 3.56 | 18.92 -1.07 3.81 | 16.25 -0.89 5.62 | 15.77 -0.86 3.32 | 14.40 -0.66 2.37 | 15.28 -0.34 0.46 |
| O.H._GEN_BRUCE 24063 | 16.00 0.08 3.08 | 16.00 -0.02 1.63 | 14.70 -0.06 0.80 | 15.23 0.05 0.02 | 15.04 0.03 0.02 | 15.00 0.24 2.41 | 16.95 -0.02 0.66 | 16.16 -0.15 2.93 | 19.14 -0.27 1.13 | 18.98 -0.57 0.96 | 20.12 -0.75 2.52 | 20.78 -0.73 3.00 | 22.68 -0.74 1.91 | 23.79 -0.77 2.05 | 24.49 -0.79 1.79 | 24.31 -0.92 1.90 | 25.89 -0.94 1.74 | 25.62 -1.35 1.76 | 24.23 -0.97 0.96 | 21.70 -1.00 1.10 | 20.80 -0.86 1.08 | 18.22 -0.82 0.91 | 15.80 -0.61 1.01 | 15.60 -0.29 0.19 |
| OAK ORCHARD___HYD 24046 | 19.18 0.17 0.00 | 17.73 0.09 0.00 | 15.59 0.03 0.00 | 15.36 0.15 0.00 | 15.17 0.13 0.00 | 17.47 0.29 0.00 | 17.77 0.14 0.00 | 18.75 -0.10 0.40 | 19.63 -0.23 0.69 | 17.43 -0.25 2.84 | 19.28 -0.21 3.90 | 20.09 -0.20 4.22 | 20.11 -0.18 5.04 | 21.26 -0.13 5.23 | 22.10 -0.11 4.85 | 22.14 -0.13 4.86 | 27.20 -0.09 1.28 | 26.83 -0.46 1.44 | 24.94 -0.34 0.87 | 22.39 -0.38 1.03 | 21.68 -0.25 0.82 | 18.77 -0.34 0.83 | 16.84 -0.30 0.28 | 15.97 -0.15 -0.03 |
| OCC_CHEM___DRP 24175 | 18.74 -0.27 0.00 | 17.31 -0.34 0.00 | 15.22 -0.34 0.00 | 15.01 -0.20 0.00 | 14.81 -0.23 0.00 | 16.88 -0.29 0.00 | 17.10 -0.51 0.02 | 16.92 -0.56 1.77 | 16.83 -0.70 3.01 | 12.74 -0.84 6.94 | 13.14 -1.05 9.20 | 13.66 -1.03 9.82 | 12.61 -1.04 11.68 | 13.60 -1.09 11.92 | 14.40 -1.16 11.51 | 14.62 -1.30 11.21 | 14.57 -1.28 12.71 | 17.28 -1.81 9.64 | 20.56 -1.39 4.21 | 17.93 -1.38 4.49 | 14.80 -1.18 6.77 | 14.91 -1.12 3.92 | 13.71 -0.85 2.86 | 15.00 -0.50 0.58 |
| OLIN_CORP_DRP 24177 | 18.82 -0.19 0.00 | 17.36 -0.28 0.00 | 15.26 -0.30 0.00 | 15.09 -0.12 0.00 | 14.90 -0.14 0.00 | 17.17 0.00 0.00 | 17.31 -0.32 0.00 | 37.24 -0.41 -18.40 | 51.41 -0.53 -31.40 | 17.78 -0.68 2.06 | 19.66 -0.87 2.86 | 20.54 -0.86 3.11 | 20.74 -0.86 3.72 | 21.75 -0.93 3.94 | 22.50 -0.97 3.59 | 22.38 -1.11 3.64 | 21.66 -1.14 5.76 | 23.91 -1.64 3.19 | 23.36 -1.23 1.57 | 20.78 -1.29 1.74 | 19.56 -1.09 2.10 | 17.43 -1.04 1.47 | 15.78 -0.80 0.85 | 15.55 -0.45 0.08 |
| OLIN_CORP_DSASP 323712 | 18.74 -0.27 0.00 | 17.31 -0.34 0.00 | 15.22 -0.34 0.00 | 15.01 -0.20 0.00 | 14.81 -0.23 0.00 | 16.88 -0.29 0.00 | 17.10 -0.51 0.02 | 16.92 -0.56 1.77 | 16.83 -0.70 3.01 | 12.74 -0.84 6.94 | 13.14 -1.05 9.20 | 13.66 -1.03 9.82 | 12.61 -1.04 11.68 | 13.60 -1.09 11.92 | 14.40 -1.16 11.51 | 14.62 -1.30 11.21 | 14.57 -1.28 12.71 | 17.28 -1.81 9.64 | 20.56 -1.39 4.21 | 17.93 -1.38 4.49 | 14.80 -1.18 6.77 | 14.91 -1.12 3.92 | 13.71 -0.85 2.86 | 15.00 -0.50 0.58 |
| ONEIDA_HERK_LFGE 323681 | 19.48 0.48 0.00 | 18.07 0.42 0.00 | 15.90 0.34 0.00 | 15.57 0.36 0.00 | 15.38 0.35 0.00 | 17.64 0.46 0.00 | 18.16 0.53 0.00 | 19.85 0.60 0.00 | 21.22 0.68 0.00 | 21.24 0.72 0.00 | 24.28 0.89 0.00 | 25.42 0.91 0.00 | 26.19 0.86 0.00 | 27.52 0.91 0.00 | 28.07 1.00 0.00 | 28.14 1.00 0.00 | 29.53 0.97 0.00 | 29.65 0.92 0.00 | 27.02 0.86 0.00 | 24.61 0.81 0.00 | 23.61 0.86 0.00 | 20.60 0.66 0.00 | 17.91 0.49 0.00 | 16.48 0.40 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 19.22 0.21 0.00 | 17.82 0.18 0.00 | 15.68 0.12 0.00 | 15.36 0.15 0.00 | 15.17 0.13 0.00 | 17.38 0.21 0.00 | 17.86 0.23 0.00 | 19.44 0.19 0.00 | 20.77 0.23 0.00 | 20.70 0.18 0.00 | 23.65 0.26 0.00 | 24.81 0.30 0.00 | 25.63 0.30 0.00 | 27.02 0.40 0.00 | 27.47 0.41 0.00 | 27.54 0.41 0.00 | 28.96 0.40 0.00 | 29.02 0.29 0.00 | 26.44 0.29 0.00 | 24.04 0.24 0.00 | 23.04 0.29 0.00 | 20.12 0.18 0.00 | 17.53 0.11 0.00 | 16.29 0.11 -0.09 |
| ONONDAGA___COGEN 23986 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |
| ONTARIO___LFGE 23819 | 19.58 0.57 0.00 | 18.09 0.44 0.00 | 15.90 0.34 0.00 | 15.62 0.41 0.00 | 15.42 0.39 0.00 | 17.76 0.58 0.00 | 18.21 0.58 0.00 | 19.77 0.52 0.00 | 21.05 0.51 0.00 | 20.87 0.35 0.00 | 23.72 0.44 0.12 | 24.88 0.54 0.17 | 25.66 0.56 0.22 | 26.98 0.67 0.31 | 27.64 0.70 0.13 | 27.59 0.70 0.25 | 29.28 0.71 0.00 | 28.89 0.46 0.30 | 26.40 0.52 0.28 | 23.87 0.43 0.36 | 23.18 0.52 0.09 | 19.99 0.32 0.27 | 17.65 0.23 0.00 | 16.49 0.29 -0.12 |
| ORANGEVILLE_WT_PWR 323706 | 19.58 0.57 0.00 | 18.07 0.42 0.00 | 15.87 0.31 0.00 | 15.63 0.43 0.00 | 15.42 0.39 0.00 | 17.84 0.67 0.00 | 18.14 0.51 0.00 | 21.61 0.50 -1.86 | 24.16 0.45 -3.17 | 20.44 -0.08 0.00 | 23.10 -0.14 0.15 | 24.22 -0.07 0.22 | 24.96 -0.08 0.29 | 26.17 -0.05 0.40 | 26.84 -0.05 0.17 | 26.68 -0.13 0.32 | 28.42 -0.14 0.00 | 27.79 -0.55 0.39 | 25.53 -0.26 0.36 | 22.93 -0.40 0.47 | 22.35 -0.27 0.12 | 19.25 -0.34 0.35 | 17.18 -0.24 0.00 | 16.26 0.02 -0.16 |
| OSWEGATCHIE___HYD 24044 | 18.55 -0.46 0.00 | 17.24 -0.41 0.00 | 15.20 -0.36 0.00 | 14.89 -0.32 0.00 | 14.69 -0.35 0.00 | 16.87 -0.31 0.00 | 17.35 -0.28 0.00 | 19.02 -0.23 0.00 | 20.29 -0.25 0.00 | 20.33 -0.19 0.00 | 23.23 -0.16 0.00 | 24.36 -0.15 0.00 | 25.02 -0.30 0.00 | 26.30 -0.32 0.00 | 26.74 -0.32 0.00 | 26.65 -0.49 0.00 | 27.99 -0.57 0.00 | 28.16 -0.57 0.00 | 25.68 -0.47 0.00 | 23.52 -0.28 0.00 | 22.64 -0.11 0.00 | 19.73 -0.22 0.00 | 17.18 -0.24 0.00 | 15.79 -0.29 0.00 |

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| OSWEGO___5 23606 | 18.74 -0.27 0.00 | 17.42 -0.23 0.00 | 15.34 -0.22 0.00 | 15.03 -0.18 0.00 | 14.85 -0.18 0.00 | 16.99 -0.19 0.00 | 17.42 -0.21 0.00 | 18.94 -0.31 0.00 | 20.21 -0.33 0.00 | 20.17 -0.35 0.00 | 23.62 -0.38 -0.60 | 24.99 -0.39 -0.87 | 26.06 -0.41 -1.14 | 27.79 -0.40 -1.57 | 27.37 -0.38 -0.68 | 28.03 -0.38 -1.28 | 28.14 -0.43 0.00 | 29.82 -0.52 -1.61 | 27.21 -0.44 -1.50 | 25.31 -0.40 -1.91 | 22.89 -0.36 -0.50 | 21.04 -0.36 -1.46 | 17.09 -0.33 0.00 | 15.87 -0.27 -0.06 |
| OSWEGO___6 23613 | 18.74 -0.27 0.00 | 17.42 -0.23 0.00 | 15.34 -0.22 0.00 | 15.03 -0.18 0.00 | 14.85 -0.18 0.00 | 16.99 -0.19 0.00 | 17.42 -0.21 0.00 | 18.94 -0.31 0.00 | 20.21 -0.33 0.00 | 20.17 -0.35 0.00 | 23.62 -0.38 -0.60 | 24.99 -0.39 -0.87 | 26.06 -0.41 -1.14 | 27.79 -0.40 -1.57 | 27.37 -0.38 -0.68 | 28.03 -0.38 -1.28 | 28.14 -0.43 0.00 | 29.82 -0.52 -1.61 | 27.21 -0.44 -1.50 | 25.31 -0.40 -1.91 | 22.89 -0.36 -0.50 | 21.04 -0.36 -1.46 | 17.09 -0.33 0.00 | 15.87 -0.27 -0.06 |
| OUTOKUMPU-AB___DRP 24206 | 19.39 0.38 0.00 | 17.87 0.23 0.00 | 15.71 0.16 0.00 | 15.50 0.29 0.00 | 15.29 0.26 0.00 | 17.59 0.41 0.00 | 17.87 0.23 -0.01 | 23.73 0.27 -4.21 | 27.89 0.21 -7.15 | 13.88 -0.06 6.58 | 14.50 -0.16 8.73 | 15.09 -0.10 9.32 | 14.17 -0.08 11.08 | 15.22 -0.08 11.32 | 16.02 -0.11 10.93 | 16.19 -0.27 10.67 | 15.92 -0.23 12.41 | 19.02 -0.77 8.94 | 21.79 -0.42 3.95 | 19.02 -0.57 4.21 | 16.04 -0.43 6.27 | 15.81 -0.46 3.68 | 14.44 -0.31 2.67 | 15.52 0.00 0.56 |
| OXBOW____ 24026 | 19.10 0.10 0.00 | 17.63 -0.02 0.00 | 15.50 -0.06 0.00 | 15.28 0.08 0.00 | 15.08 0.05 0.00 | 17.28 0.10 0.00 | 17.53 -0.11 -0.01 | 23.88 -0.08 -4.71 | 28.40 -0.19 -8.04 | 13.55 -0.39 6.58 | 14.14 -0.51 8.73 | 14.69 -0.49 9.33 | 13.75 -0.48 11.09 | 14.81 -0.48 11.33 | 15.58 -0.54 10.95 | 15.78 -0.68 10.68 | 15.18 -0.66 12.73 | 18.50 -1.21 9.02 | 21.37 -0.81 3.97 | 18.66 -0.90 4.24 | 15.67 -0.75 6.33 | 15.51 -0.74 3.70 | 14.20 -0.54 2.68 | 15.32 -0.21 0.55 |
| OXY_CHEM_DSASP 323612 | 18.74 -0.27 0.00 | 17.31 -0.34 0.00 | 15.22 -0.34 0.00 | 15.01 -0.20 0.00 | 14.81 -0.23 0.00 | 16.88 -0.29 0.00 | 17.10 -0.51 0.02 | 16.92 -0.56 1.77 | 16.83 -0.70 3.01 | 12.74 -0.84 6.94 | 13.14 -1.05 9.20 | 13.66 -1.03 9.82 | 12.61 -1.04 11.68 | 13.60 -1.09 11.92 | 14.40 -1.16 11.51 | 14.62 -1.30 11.21 | 14.57 -1.28 12.71 | 17.28 -1.81 9.64 | 20.56 -1.39 4.21 | 17.93 -1.38 4.49 | 14.80 -1.18 6.77 | 14.91 -1.12 3.92 | 13.71 -0.85 2.86 | 15.00 -0.50 0.58 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 18.74 -0.27 0.00 | 17.31 -0.34 0.00 | 15.22 -0.34 0.00 | 15.01 -0.20 0.00 | 14.81 -0.23 0.00 | 16.88 -0.29 0.00 | 17.10 -0.51 0.02 | 16.92 -0.56 1.77 | 16.83 -0.70 3.01 | 12.74 -0.84 6.94 | 13.14 -1.05 9.20 | 13.66 -1.03 9.82 | 12.61 -1.04 11.68 | 13.60 -1.09 11.92 | 14.40 -1.16 11.51 | 14.62 -1.30 11.21 | 14.57 -1.28 12.71 | 17.28 -1.81 9.64 | 20.56 -1.39 4.21 | 17.93 -1.38 4.49 | 14.80 -1.18 6.77 | 14.91 -1.12 3.92 | 13.71 -0.85 2.86 | 15.00 -0.50 0.58 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 21.41 2.39 -0.01 | 19.82 2.17 -0.01 | 17.48 1.91 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.23 2.04 -0.01 | 19.82 2.08 -0.12 | 21.64 2.31 -0.08 | 23.05 2.50 -0.01 | 23.27 2.50 -0.25 | 26.27 2.85 -0.02 | 28.07 2.96 -0.59 | 29.39 3.11 -0.95 | 29.93 3.25 -0.06 | 30.50 3.33 -0.11 | 30.69 3.34 -0.22 | 32.08 3.51 -0.01 | 32.38 3.65 0.00 | 29.43 3.27 -0.01 | 27.05 2.95 -0.29 | 25.77 2.73 -0.29 | 23.42 2.55 -0.92 | 21.24 2.21 -1.60 | 19.10 2.04 -0.98 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 21.60 2.58 -0.01 | 20.00 2.35 -0.01 | 17.62 2.05 -0.01 | 17.15 1.93 -0.01 | 16.95 1.91 -0.01 | 19.38 2.20 -0.01 | 19.98 2.24 -0.12 | 21.83 2.50 -0.08 | 23.26 2.71 -0.01 | 23.48 2.71 -0.25 | 26.53 3.11 -0.02 | 28.34 3.24 -0.59 | 29.70 3.42 -0.95 | 30.22 3.54 -0.06 | 30.80 3.63 -0.11 | 30.99 3.64 -0.22 | 32.43 3.85 -0.01 | 32.72 3.99 0.00 | 29.77 3.61 -0.01 | 27.33 3.24 -0.29 | 26.06 3.03 -0.29 | 23.66 2.79 -0.92 | 21.43 2.41 -1.60 | 19.26 2.20 -0.98 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 19.86 0.86 0.00 | 18.30 0.65 0.00 | 16.09 0.53 0.00 | 15.83 0.62 0.00 | 15.62 0.59 0.00 | 18.08 0.91 0.00 | 18.39 0.76 0.00 | 26.00 0.83 -5.92 | 31.42 0.78 -10.10 | 55.30 0.39 -34.40 | 68.20 0.33 -44.49 | 71.99 0.42 -47.07 | 81.57 0.46 -55.79 | 83.27 0.48 -56.17 | 83.36 0.49 -55.80 | 80.68 0.33 -53.22 | 97.68 0.40 -68.72 | 73.95 -0.11 -45.34 | 44.63 0.21 -18.27 | 42.71 0.02 -18.89 | 55.84 0.11 -32.98 | 36.86 0.04 -16.87 | 31.86 0.14 -14.30 | 20.16 0.45 -3.63 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 21.15 2.15 0.00 | 19.60 1.96 0.00 | 17.29 1.73 0.00 | 16.80 1.60 0.00 | 16.61 1.58 0.00 | 18.96 1.79 0.00 | 19.60 1.97 0.00 | 21.41 2.16 0.00 | 22.88 2.34 0.00 | 22.84 2.32 0.00 | 26.06 2.67 0.00 | 27.28 2.77 0.00 | 28.26 2.94 0.00 | 29.68 3.06 0.00 | 30.20 3.14 0.00 | 30.33 3.20 0.00 | 31.96 3.40 0.00 | 32.21 3.48 0.00 | 29.34 3.19 0.00 | 26.63 2.83 0.00 | 25.34 2.59 0.00 | 22.36 2.41 0.00 | 19.48 2.06 0.00 | 18.81 1.86 -0.87 |
| PEEKSKILL____ 23653 | 20.96 1.96 0.00 | 19.41 1.76 0.00 | 17.11 1.56 0.00 | 16.64 1.43 0.00 | 16.45 1.41 0.00 | 18.77 1.60 0.00 | 19.39 1.76 0.00 | 21.18 1.92 0.00 | 22.64 2.10 0.00 | 22.59 2.07 0.00 | 25.78 2.39 0.00 | 26.99 2.47 0.00 | 27.93 2.61 0.00 | 29.33 2.72 0.00 | 29.83 2.76 0.00 | 29.93 2.80 0.00 | 31.51 2.94 0.00 | 31.72 2.99 0.00 | 28.90 2.75 0.00 | 26.30 2.50 0.00 | 25.02 2.27 0.00 | 22.10 2.15 0.00 | 19.29 1.87 0.00 | 18.62 1.70 -0.84 |
| PGE MADISON___WINDPWR 24146 | 20.55 1.54 0.00 | 18.99 1.34 0.00 | 16.68 1.12 0.00 | 16.36 1.16 0.00 | 16.13 1.10 0.00 | 18.63 1.46 0.00 | 19.22 1.59 0.00 | 21.15 1.75 -0.14 | 22.72 1.93 -0.25 | 22.45 1.93 0.00 | 25.70 2.34 0.03 | 26.89 2.43 0.05 | 27.67 2.41 0.07 | 29.08 2.56 0.09 | 29.76 2.73 0.04 | 29.83 2.77 0.07 | 31.28 2.71 0.00 | 31.19 2.56 0.10 | 28.52 2.46 0.09 | 25.87 2.19 0.12 | 24.97 2.25 0.03 | 21.63 1.77 0.09 | 18.82 1.39 0.00 | 17.58 1.24 -0.26 |
| PIERCEFIELD___HYD 23852 | 17.79 -1.22 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.33 -0.88 0.00 | 14.13 -0.90 0.00 | 16.20 -0.98 0.00 | 16.66 -0.97 0.00 | 18.31 -0.94 0.00 | 19.51 -1.03 0.00 | 19.56 -0.96 0.00 | 22.32 -1.08 0.00 | 23.41 -1.10 0.00 | 24.06 -1.27 0.00 | 25.31 -1.30 0.00 | 25.63 -1.44 0.00 | 25.40 -1.74 0.00 | 26.73 -1.83 0.00 | 27.01 -1.72 0.00 | 24.59 -1.57 0.00 | 22.59 -1.21 0.00 | 21.77 -0.98 0.00 | 18.95 -1.00 0.00 | 16.54 -0.89 0.00 | 15.23 -0.85 0.00 |
| PINELAWN_CC_1 323563 | 27.60 2.91 -5.68 | 22.49 2.59 -2.25 | 19.05 2.30 -1.19 | 18.77 2.16 -1.41 | 19.24 2.15 -2.06 | 20.59 2.44 -0.98 | 22.10 2.61 -1.87 | 25.43 2.85 -3.33 | 25.98 3.04 -2.41 | 27.37 3.02 -3.83 | 27.23 3.37 -0.47 | 27.86 3.21 -0.14 | 28.67 3.34 0.00 | 31.16 3.49 -1.06 | 32.43 3.65 -1.72 | 34.22 3.66 -3.42 | 41.07 3.85 -8.65 | 49.43 3.82 -16.87 | 34.29 3.63 -4.51 | 31.59 3.26 -4.52 | 30.20 3.00 -4.45 | 28.05 2.79 -5.31 | 26.28 2.68 -6.17 | 21.49 2.46 -2.95 |
| PJM_GEN_HTP_PROXY 323702 | 21.31 2.30 0.00 | 19.73 2.08 0.00 | 17.38 1.82 0.00 | 16.90 1.69 0.00 | 16.70 1.67 0.00 | 19.08 1.91 0.00 | 20.50 2.10 -0.78 | 20.96 2.29 0.58 | 23.04 2.48 -0.01 | 23.25 2.48 -0.25 | 26.27 2.85 -0.03 | 28.05 2.96 -0.58 | 29.37 3.11 -0.93 | 29.93 3.25 -0.07 | 30.47 3.30 -0.11 | 30.66 3.31 -0.21 | 32.05 3.48 -0.01 | 32.26 3.53 0.00 | 29.37 3.22 0.00 | 27.01 2.93 -0.28 | 25.73 2.71 -0.28 | 23.36 2.53 -0.88 | 21.08 2.21 -1.44 | 19.16 2.01 -1.07 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| PJM_GEN_KEystone | 20.22 | 18.70 | 16.48 | 16.09 | 15.90 | 18.24 | 20.25 | 19.33 | 22.59 | 26.50 | 29.57 | 32.46 | 34.62 | 34.37 | 36.42 | 35.82 | 39.18 | 36.38 | 29.88 | 27.46 | 28.52 | 23.28 | 19.69 | 18.84 |
| 24065 | 1.22 | 1.06 | 0.92 | 0.88 | 0.87 | 1.07 | 1.08 | 1.06 | 1.11 | 0.90 | 0.98 | 1.05 | 1.11 | 1.14 | 1.19 | 1.14 | 1.20 | 1.09 | 1.15 | 1.00 | 0.93 | 0.90 | 0.84 | 0.92 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.55 | 0.98 | -0.94 | -5.08 | -5.20 | -6.90 | -8.18 | -6.61 | -8.17 | -7.55 | -9.42 | -6.56 | -2.58 | -2.66 | -4.84 | -2.44 | -1.43 | -1.84 |
| PJM_GEN_NEPTUNE_PROXY | 21.97 | 20.10 | 17.81 | 17.55 | 18.02 | 19.47 | 21.70 | 24.00 | 25.18 | 26.65 | 26.74 | 27.62 | 28.44 | 30.92 | 32.16 | 33.92 | 40.79 | 49.22 | 33.98 | 31.33 | 29.95 | 27.81 | 23.03 | 20.31 |
| 323594 | 2.51 | 2.28 | 2.01 | 1.89 | 1.86 | 2.11 | 2.26 | 2.46 | 2.65 | 2.61 | 2.88 | 2.96 | 3.11 | 3.25 | 3.38 | 3.36 | 3.57 | 3.62 | 3.32 | 3.00 | 2.75 | 2.55 | 2.34 | 2.14 |
| | -0.45 | -0.17 | -0.24 | -0.45 | -1.12 | -0.18 | -1.81 | -2.28 | -1.99 | -3.53 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -3.27 | -2.09 |
| PJM_GEN_VFT_PROXY | 21.29 | 19.71 | 17.38 | 16.90 | 16.70 | 19.06 | 20.49 | 20.93 | 22.98 | 23.20 | 26.18 | 28.00 | 29.35 | 29.80 | 30.34 | 30.53 | 31.91 | 32.12 | 29.26 | 26.95 | 25.67 | 23.35 | 21.10 | 19.14 |
| 323633 | 2.28 | 2.06 | 1.82 | 1.69 | 1.67 | 1.89 | 2.08 | 2.25 | 2.42 | 2.42 | 2.76 | 2.89 | 3.06 | 3.11 | 3.17 | 3.17 | 3.34 | 3.39 | 3.11 | 2.85 | 2.64 | 2.49 | 2.18 | 1.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.78 | 0.58 | -0.02 | -0.26 | -0.03 | -0.60 | -0.96 | -0.07 | -0.11 | -0.22 | -0.01 | 0.00 | 0.00 | -0.29 | -0.29 | -0.91 | -1.50 | -1.08 |
| PLEASANTVLY__LBMP | 20.91 | 19.36 | 17.07 | 16.61 | 16.43 | 18.74 | 19.32 | 21.14 | 22.59 | 22.55 | 25.73 | 26.91 | 27.86 | 29.25 | 29.74 | 29.82 | 31.39 | 31.60 | 28.79 | 26.20 | 24.95 | 22.02 | 19.24 | 18.60 |
| 24000 | 1.90 | 1.71 | 1.51 | 1.40 | 1.40 | 1.56 | 1.69 | 1.89 | 2.05 | 2.03 | 2.34 | 2.40 | 2.53 | 2.64 | 2.68 | 2.69 | 2.83 | 2.87 | 2.64 | 2.40 | 2.21 | 2.07 | 1.81 | 1.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.88 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I | 21.12 | 19.55 | 17.24 | 16.76 | 16.57 | 18.91 | 19.53 | 21.37 | 22.84 | 22.80 | 26.01 | 27.23 | 28.21 | 29.60 | 30.12 | 30.20 | 31.79 | 32.03 | 29.19 | 26.51 | 25.25 | 22.28 | 19.46 | 18.76 |
| 345020 | 2.11 | 1.91 | 1.68 | 1.55 | 1.53 | 1.73 | 1.90 | 2.12 | 2.30 | 2.28 | 2.62 | 2.72 | 2.89 | 2.98 | 3.06 | 3.07 | 3.23 | 3.30 | 3.03 | 2.71 | 2.50 | 2.33 | 2.04 | 1.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.85 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G | 21.00 | 19.48 | 17.18 | 16.70 | 16.52 | 18.86 | 19.45 | 21.22 | 22.70 | 22.65 | 25.87 | 27.06 | 28.04 | 29.47 | 29.96 | 30.07 | 31.68 | 31.89 | 29.06 | 26.42 | 25.11 | 22.16 | 19.34 | 18.73 |
| 345023 | 2.00 | 1.84 | 1.62 | 1.49 | 1.49 | 1.68 | 1.82 | 1.96 | 2.16 | 2.13 | 2.48 | 2.55 | 2.71 | 2.85 | 2.90 | 2.93 | 3.11 | 3.16 | 2.90 | 2.62 | 2.37 | 2.21 | 1.92 | 1.75 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 |
| POLETTI__ | 21.31 | 19.74 | 17.39 | 16.91 | 16.72 | 19.08 | 19.85 | 21.65 | 23.04 | 23.26 | 26.25 | 28.05 | 29.40 | 29.91 | 30.45 | 30.66 | 32.03 | 32.24 | 29.37 | 27.02 | 25.74 | 23.39 | 21.25 | 19.07 |
| 23519 | 2.30 | 2.10 | 1.83 | 1.70 | 1.68 | 1.91 | 2.10 | 2.31 | 2.48 | 2.48 | 2.83 | 2.94 | 3.11 | 3.22 | 3.27 | 3.31 | 3.45 | 3.50 | 3.22 | 2.93 | 2.71 | 2.53 | 2.23 | 2.01 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.12 | -0.09 | -0.02 | -0.26 | -0.03 | -0.60 | -0.96 | -0.07 | -0.11 | -0.22 | -0.01 | 0.00 | 0.00 | -0.29 | -0.29 | -0.91 | -1.59 | -0.98 |
| PORT_JEFF_3 | 24.34 | 21.23 | 18.60 | 18.33 | 18.78 | 20.24 | 21.80 | 25.33 | 25.78 | 27.17 | 27.26 | 28.04 | 28.95 | 31.43 | 32.70 | 34.41 | 41.30 | 49.77 | 34.53 | 31.85 | 30.43 | 28.33 | 24.51 | 20.91 |
| 23555 | 3.08 | 2.70 | 2.47 | 2.33 | 2.30 | 2.61 | 2.77 | 3.00 | 3.10 | 3.02 | 3.39 | 3.38 | 3.62 | 3.75 | 3.92 | 3.85 | 4.08 | 4.16 | 3.87 | 3.52 | 3.23 | 3.07 | 2.75 | 2.51 |
| | -2.26 | -0.89 | -0.57 | -0.79 | -1.45 | -0.46 | -1.40 | -3.08 | -2.13 | -3.63 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.33 | -2.32 |
| PORT_JEFF_4 | 24.34 | 21.23 | 18.60 | 18.33 | 18.78 | 20.24 | 21.80 | 25.33 | 25.78 | 27.17 | 27.26 | 28.04 | 28.95 | 31.43 | 32.70 | 34.41 | 41.30 | 49.77 | 34.53 | 31.85 | 30.43 | 28.33 | 24.51 | 20.91 |
| 23616 | 3.08 | 2.70 | 2.47 | 2.33 | 2.30 | 2.61 | 2.77 | 3.00 | 3.10 | 3.02 | 3.39 | 3.38 | 3.62 | 3.75 | 3.92 | 3.85 | 4.08 | 4.16 | 3.87 | 3.52 | 3.23 | 3.07 | 2.75 | 2.51 |
| | -2.26 | -0.89 | -0.57 | -0.79 | -1.45 | -0.46 | -1.40 | -3.08 | -2.13 | -3.63 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.33 | -2.32 |
| PORT_JEFF_IC | 24.52 | 21.32 | 18.67 | 18.40 | 18.86 | 20.31 | 21.88 | 25.42 | 25.86 | 27.26 | 27.37 | 28.18 | 29.10 | 31.59 | 32.89 | 34.49 | 41.39 | 49.86 | 34.66 | 32.02 | 30.59 | 28.43 | 24.63 | 20.98 |
| 23713 | 3.16 | 2.75 | 2.52 | 2.39 | 2.36 | 2.66 | 2.84 | 3.08 | 3.18 | 3.10 | 3.51 | 3.53 | 3.77 | 3.91 | 4.11 | 3.93 | 4.17 | 4.25 | 4.00 | 3.69 | 3.39 | 3.17 | 2.82 | 2.56 |
| | -2.35 | -0.93 | -0.59 | -0.81 | -1.47 | -0.47 | -1.42 | -3.09 | -2.14 | -3.64 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.38 | -2.34 |
| PPL PILGRIM_ST_GT1 | 24.85 | 21.49 | 18.69 | 18.42 | 18.88 | 20.33 | 21.90 | 25.40 | 25.94 | 27.36 | 27.49 | 28.36 | 29.22 | 31.77 | 33.06 | 34.73 | 41.61 | 50.08 | 34.79 | 32.13 | 30.70 | 28.45 | 24.85 | 21.08 |
| 24216 | 3.12 | 2.77 | 2.47 | 2.34 | 2.31 | 2.63 | 2.80 | 3.04 | 3.22 | 3.18 | 3.63 | 3.70 | 3.90 | 4.10 | 4.27 | 4.18 | 4.40 | 4.48 | 4.13 | 3.81 | 3.50 | 3.19 | 2.84 | 2.59 |
| | -2.73 | -1.08 | -0.66 | -0.87 | -1.53 | -0.53 | -1.47 | -3.11 | -2.17 | -3.66 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.59 | -2.41 |
| PPL PILGRIM_ST_GT2 | 24.85 | 21.49 | 18.69 | 18.42 | 18.88 | 20.33 | 21.90 | 25.40 | 25.94 | 27.36 | 27.49 | 28.36 | 29.22 | 31.77 | 33.06 | 34.73 | 41.61 | 50.08 | 34.79 | 32.13 | 30.70 | 28.45 | 24.85 | 21.08 |
| 24217 | 3.12 | 2.77 | 2.47 | 2.34 | 2.31 | 2.63 | 2.80 | 3.04 | 3.22 | 3.18 | 3.63 | 3.70 | 3.90 | 4.10 | 4.27 | 4.18 | 4.40 | 4.48 | 4.13 | 3.81 | 3.50 | 3.19 | 2.84 | 2.59 |
| | -2.73 | -1.08 | -0.66 | -0.87 | -1.53 | -0.53 | -1.47 | -3.11 | -2.17 | -3.66 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.59 | -2.41 |
| PPL_SHRM_GT3 | 24.42 | 21.20 | 18.67 | 18.39 | 18.85 | 20.30 | 21.88 | 25.33 | 25.63 | 26.99 | 27.28 | 28.01 | 28.97 | 31.38 | 32.68 | 34.46 | 41.39 | 49.86 | 34.58 | 31.85 | 30.43 | 28.23 | 24.39 | 20.78 |
| 24213 | 3.12 | 2.65 | 2.54 | 2.39 | 2.36 | 2.66 | 2.84 | 3.00 | 2.96 | 2.83 | 3.42 | 3.36 | 3.65 | 3.70 | 3.90 | 3.91 | 4.17 | 4.25 | 3.92 | 3.52 | 3.23 | 2.97 | 2.61 | 2.36 |
| | -2.29 | -0.91 | -0.58 | -0.80 | -1.46 | -0.46 | -1.41 | -3.08 | -2.14 | -3.63 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.35 | -2.33 |
| PPL_SHRM_GT4 | 24.42 | 21.20 | 18.67 | 18.39 | 18.85 | 20.30 | 21.88 | 25.33 | 25.63 | 26.99 | 27.28 | 28.01 | 28.97 | 31.38 | 32.68 | 34.46 | 41.39 | 49.86 | 34.58 | 31.85 | 30.43 | 28.23 | 24.39 | 20.78 |
| 24214 | 3.12 | 2.65 | 2.54 | 2.39 | 2.36 | 2.66 | 2.84 | 3.00 | 2.96 | 2.83 | 3.42 | 3.36 | 3.65 | 3.70 | 3.90 | 3.91 | 4.17 | 4.25 | 3.92 | 3.52 | 3.23 | 2.97 | 2.61 | 2.36 |
| | -2.29 | -0.91 | -0.58 | -0.80 | -1.46 | -0.46 | -1.41 | -3.08 | -2.14 | -3.63 | -0.47 | -0.14 | 0.00 | -1.06 | -1.72 | -3.42 | -8.65 | -16.87 | -4.51 | -4.52 | -4.45 | -5.31 | -4.35 | -2.33 |
| PROJECT__ORANGE 1 | 19.10 | 17.73 | 15.61 | 15.30 | 15.11 | 17.30 | 17.75 | 19.33 | 20.64 | 20.60 | 23.47 | 24.63 | 25.43 | 26.75 | 27.26 | 27.32 | 28.82 | 28.73 | 26.18 | 23.76 | 22.85 | 19.90 | 17.42 | 16.17 |
| 24174 | 0.10 | 0.09 | 0.05 | 0.09 | 0.08 | 0.12 | 0.12 | 0.08 | 0.10 | 0.08 | 0.12 | 0.17 | 0.18 | 0.24 | 0.24 | 0.27 | 0.26 | 0.12 | 0.13 | 0.10 | 0.14 | 0.06 | 0.00 | 0.02 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 0.08 | 0.11 | 0.05 | 0.09 | 0.00 | 0.12 | 0.11 | 0.14 | 0.04 | 0.11 | 0.00 | -0.08 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|
| PROJECT___ORANGE 2 24166 | 19.10 0.10 0.00 | 17.73 0.09 0.00 | 15.61 0.05 0.00 | 15.30 0.09 0.00 | 15.11 0.08 0.00 | 17.30 0.12 0.00 | 17.75 0.12 0.00 | 19.33 0.08 0.00 | 20.64 0.10 0.00 | 20.60 0.08 0.00 | 23.47 0.12 0.04 | 24.63 0.17 0.06 | 25.43 0.18 0.08 | 26.75 0.24 0.11 | 27.26 0.24 0.05 | 27.32 0.27 0.09 | 28.82 0.26 0.00 | 28.73 0.12 0.12 | 26.18 0.13 0.11 | 23.76 0.10 0.14 | 22.85 0.14 0.04 | 19.90 0.06 0.11 | 17.42 0.00 0.00 | 16.17 0.02 -0.08 |
| PYRITES___HYD 24023 | 17.89 -1.12 0.00 | 16.64 -1.01 0.00 | 14.70 -0.86 0.00 | 14.40 -0.81 0.00 | 14.19 -0.84 0.00 | 16.28 -0.89 0.00 | 16.77 -0.86 0.00 | 18.44 -0.81 0.00 | 19.66 -0.88 0.00 | 19.72 -0.80 0.00 | 22.53 -0.87 0.00 | 23.60 -0.91 0.00 | 24.26 -1.06 0.00 | 25.50 -1.12 0.00 | 25.90 -1.16 0.00 | 25.75 -1.38 0.00 | 27.05 -1.51 0.00 | 27.35 -1.38 0.00 | 24.87 -1.28 0.00 | 22.82 -0.98 0.00 | 21.98 -0.77 0.00 | 19.09 -0.86 0.00 | 16.64 -0.78 0.00 | 15.31 -0.77 0.00 |
| RAMAPO___LBMP 323565 | 20.87 1.86 0.00 | 19.32 1.68 0.00 | 17.04 1.48 0.00 | 16.56 1.35 0.00 | 16.39 1.35 0.00 | 18.69 1.51 0.00 | 19.29 1.66 0.00 | 21.04 1.79 0.00 | 22.49 1.95 0.00 | 22.45 1.93 0.00 | 25.59 2.20 0.00 | 26.79 2.28 0.00 | 27.76 2.43 0.00 | 29.12 2.50 0.00 | 29.64 2.57 0.00 | 29.71 2.58 0.00 | 31.28 2.71 0.00 | 31.52 2.79 0.00 | 28.72 2.56 0.00 | 26.14 2.33 0.00 | 24.86 2.12 0.00 | 21.96 2.01 0.00 | 19.18 1.76 0.00 | 18.52 1.62 -0.81 |
| RANKINE____ 23646 | 19.63 0.63 0.00 | 18.10 0.46 0.00 | 15.92 0.36 0.00 | 15.68 0.47 0.00 | 15.47 0.44 0.00 | 17.90 0.72 0.00 | 18.18 0.55 0.00 | 24.17 0.58 -4.34 | 28.48 0.53 -7.41 | 65.34 0.21 -44.61 | 81.28 0.14 -57.75 | 85.85 0.22 -61.12 | 98.03 0.25 -72.45 | 99.85 0.24 -73.00 | 99.75 0.24 -72.44 | 96.38 0.11 -69.14 | 109.56 0.14 -80.85 | 87.28 -0.37 -58.92 | 49.89 -0.08 -23.81 | 48.21 -0.24 -24.65 | 65.44 -0.11 -42.81 | 41.76 -0.18 -21.99 | 35.91 -0.05 -18.54 | 20.98 0.24 -4.66 |
| RAVENSWOOD_GT2_1 24244 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 23.29 2.50 -0.26 | 26.28 2.85 -0.03 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.93 3.25 -0.07 | 30.51 3.33 -0.11 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.08 2.97 -0.30 | 25.80 2.75 -0.30 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 19.09 2.03 -0.99 |
| RAVENSWOOD_GT2_2 24245 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 23.29 2.50 -0.26 | 26.28 2.85 -0.03 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.93 3.25 -0.07 | 30.51 3.33 -0.11 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.08 2.97 -0.30 | 25.80 2.75 -0.30 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 19.09 2.03 -0.99 |
| RAVENSWOOD_GT2_3 24246 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.11 1.94 0.00 | 19.89 2.13 -0.12 | 21.69 2.35 -0.09 | 23.08 2.53 -0.02 | 23.31 2.52 -0.26 | 26.32 2.90 -0.03 | 28.12 2.99 -0.62 | 29.48 3.17 -0.99 | 29.96 3.27 -0.07 | 30.53 3.36 -0.11 | 30.73 3.36 -0.23 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.45 3.30 0.00 | 27.10 3.00 -0.30 | 25.82 2.77 -0.30 | 23.46 2.57 -0.94 | 21.32 2.25 -1.64 | 19.11 2.04 -0.99 |
| RAVENSWOOD_GT2_4 24247 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.42 1.87 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.11 1.94 0.00 | 19.89 2.13 -0.12 | 21.69 2.35 -0.09 | 23.08 2.53 -0.02 | 23.31 2.52 -0.26 | 26.32 2.90 -0.03 | 28.12 2.99 -0.62 | 29.48 3.17 -0.99 | 29.96 3.27 -0.07 | 30.53 3.36 -0.11 | 30.73 3.36 -0.23 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.45 3.30 0.00 | 27.10 3.00 -0.30 | 25.82 2.77 -0.30 | 23.46 2.57 -0.94 | 21.32 2.25 -1.64 | 19.11 2.04 -0.99 |
| RAVENSWOOD_GT3_1 24248 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.08 2.53 -0.02 | 23.29 2.50 -0.26 | 26.30 2.88 -0.03 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.93 3.25 -0.07 | 30.51 3.33 -0.11 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.08 2.97 -0.30 | 25.80 2.75 -0.30 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 19.09 2.03 -0.99 |
| RAVENSWOOD_GT3_2 24249 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.08 2.53 -0.02 | 23.29 2.50 -0.26 | 26.30 2.88 -0.03 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.93 3.25 -0.07 | 30.51 3.33 -0.11 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.08 2.97 -0.30 | 25.80 2.75 -0.30 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 19.09 2.03 -0.99 |
| RAVENSWOOD_GT3_3 24250 | 21.36 2.36 0.00 | 19.78 2.13 0.00 | 17.44 1.88 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.13 1.96 0.00 | 19.90 2.15 -0.12 | 21.71 2.37 -0.09 | 23.10 2.55 -0.02 | 23.33 2.54 -0.26 | 26.32 2.90 -0.03 | 28.14 3.01 -0.62 | 29.51 3.19 -0.99 | 29.99 3.30 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.23 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.48 3.32 0.00 | 27.13 3.02 -0.30 | 25.82 2.77 -0.30 | 23.48 2.59 -0.94 | 21.33 2.26 -1.64 | 19.12 2.06 -0.99 |
| RAVENSWOOD_GT3_4 24251 | 21.36 2.36 0.00 | 19.78 2.13 0.00 | 17.44 1.88 0.00 | 16.94 1.73 0.00 | 16.75 1.71 0.00 | 19.13 1.96 0.00 | 19.90 2.15 -0.12 | 21.71 2.37 -0.09 | 23.10 2.55 -0.02 | 23.33 2.54 -0.26 | 26.32 2.90 -0.03 | 28.14 3.01 -0.62 | 29.51 3.19 -0.99 | 29.99 3.30 -0.07 | 30.56 3.38 -0.11 | 30.75 3.39 -0.23 | 32.14 3.57 -0.01 | 32.35 3.62 0.00 | 29.48 3.32 0.00 | 27.13 3.02 -0.30 | 25.82 2.77 -0.30 | 23.48 2.59 -0.94 | 21.33 2.26 -1.64 | 19.12 2.06 -0.99 |
| RAVENSWOOD_GT_1 23729 | 21.45 2.43 -0.01 | 19.86 2.21 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.82 1.77 -0.01 | 19.19 2.01 -0.01 | 19.94 2.19 -0.12 | 21.76 2.43 -0.09 | 23.19 2.63 -0.02 | 26.90 2.63 -3.75 | 29.68 2.99 -3.30 | 28.49 3.11 -0.86 | 30.16 3.27 -1.57 | 30.90 3.41 -0.88 | 31.57 3.47 -1.04 | 31.56 3.50 -0.92 | 33.07 3.66 -0.85 | 33.46 3.73 -0.99 | 30.13 3.40 -0.58 | 28.16 3.09 -1.26 | 27.65 2.87 -2.04 | 24.57 2.65 -1.97 | 23.51 2.32 -3.76 | 20.79 2.12 -2.59 |
| RAVENSWOOD_GT_10 24258 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.92 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 22.98 2.50 0.05 | 26.08 2.85 0.17 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.90 3.25 -0.04 | 30.49 3.33 -0.09 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.05 2.95 -0.30 | 25.73 2.73 -0.25 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 18.95 2.03 -0.84 |
| RAVENSWOOD_GT_11 24259 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.92 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 22.98 2.50 0.05 | 26.08 2.85 0.17 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.90 3.25 -0.04 | 30.49 3.33 -0.09 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.05 2.95 -0.30 | 25.73 2.73 -0.25 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 18.95 2.03 -0.84 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| RAVENSWOOD_GT_4 24252 | 21.32 2.32 0.01 | 19.74 2.10 0.01 | 17.39 1.83 0.01 | 16.91 1.70 0.01 | 16.71 1.68 0.01 | 19.08 1.91 0.01 | 19.85 2.10 -0.12 | 21.65 2.31 -0.09 | 23.06 2.50 -0.02 | 21.24 2.50 1.78 | 25.73 2.85 0.52 | 28.28 2.96 -0.80 | 29.87 3.11 -1.43 | 30.08 3.25 -0.21 | 30.85 3.30 -0.49 | 31.23 3.34 -0.75 | 32.73 3.51 -0.65 | 33.05 3.56 -0.76 | 29.82 3.24 -0.43 | 27.79 2.95 -1.03 | 26.36 2.73 -0.88 | 24.20 2.53 -1.73 | 22.90 2.21 -3.26 | 18.15 2.03 -0.05 |
| RAVENSWOOD_GT_5 24254 | 21.32 2.32 0.01 | 19.74 2.10 0.01 | 17.39 1.83 0.01 | 16.91 1.70 0.01 | 16.71 1.68 0.01 | 19.08 1.91 0.01 | 19.85 2.10 -0.12 | 21.65 2.31 -0.09 | 23.06 2.50 -0.02 | 21.24 2.50 1.78 | 25.73 2.85 0.52 | 28.28 2.96 -0.80 | 29.87 3.11 -1.43 | 30.08 3.25 -0.21 | 30.85 3.30 -0.49 | 31.23 3.34 -0.75 | 32.73 3.51 -0.65 | 33.05 3.56 -0.76 | 29.82 3.24 -0.43 | 27.79 2.95 -1.03 | 26.36 2.73 -0.88 | 24.20 2.53 -1.73 | 22.90 2.21 -3.26 | 18.15 2.03 -0.05 |
| RAVENSWOOD_GT_6 24253 | 21.32 2.32 0.01 | 19.74 2.10 0.01 | 17.39 1.83 0.01 | 16.91 1.70 0.01 | 16.71 1.68 0.01 | 19.08 1.91 0.01 | 19.85 2.10 -0.12 | 21.65 2.31 -0.09 | 23.06 2.50 -0.02 | 21.24 2.50 1.78 | 25.73 2.85 0.52 | 28.28 2.96 -0.80 | 29.87 3.11 -1.43 | 30.08 3.25 -0.21 | 30.85 3.30 -0.49 | 31.23 3.34 -0.75 | 32.73 3.51 -0.65 | 33.05 3.56 -0.76 | 29.82 3.24 -0.43 | 27.79 2.95 -1.03 | 26.36 2.73 -0.88 | 24.20 2.53 -1.73 | 22.90 2.21 -3.26 | 18.15 2.03 -0.05 |
| RAVENSWOOD_GT_7 24255 | 21.32 2.32 0.01 | 19.74 2.10 0.01 | 17.39 1.83 0.01 | 16.91 1.70 0.01 | 16.71 1.68 0.01 | 19.08 1.91 0.01 | 19.85 2.10 -0.12 | 21.65 2.31 -0.09 | 23.06 2.50 -0.02 | 21.24 2.50 1.78 | 25.73 2.85 0.52 | 28.28 2.96 -0.80 | 29.87 3.11 -1.43 | 30.08 3.25 -0.21 | 30.85 3.30 -0.49 | 31.23 3.34 -0.75 | 32.73 3.51 -0.65 | 33.05 3.56 -0.76 | 29.82 3.24 -0.43 | 27.79 2.95 -1.03 | 26.36 2.73 -0.88 | 24.20 2.53 -1.73 | 22.90 2.21 -3.26 | 18.15 2.03 -0.05 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.92 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 22.98 2.50 0.05 | 26.08 2.85 0.17 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.90 3.25 -0.04 | 30.49 3.33 -0.09 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.05 2.95 -0.30 | 25.73 2.73 -0.25 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 18.95 2.03 -0.84 |
| RAVENSWOOD_GT_9 24257 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.92 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.06 2.50 -0.02 | 22.98 2.50 0.05 | 26.08 2.85 0.17 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.90 3.25 -0.04 | 30.49 3.33 -0.09 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.05 2.95 -0.30 | 25.73 2.73 -0.25 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 18.95 2.03 -0.84 |
| RAVENSWOOD___1 23533 | 21.43 2.41 -0.01 | 19.84 2.19 -0.01 | 17.50 1.93 -0.01 | 17.01 1.79 -0.01 | 16.81 1.77 -0.01 | 19.19 2.01 -0.01 | 19.92 2.17 -0.12 | 21.74 2.41 -0.09 | 23.16 2.61 -0.02 | 26.46 2.61 -3.33 | 28.38 2.97 -2.01 | 28.22 3.09 -0.62 | 29.56 3.24 -0.99 | 30.38 3.38 -0.38 | 30.84 3.44 -0.33 | 30.84 3.47 -0.23 | 32.20 3.63 -0.01 | 32.41 3.68 0.00 | 29.54 3.38 -0.01 | 27.17 3.07 -0.30 | 26.37 2.84 -0.78 | 23.52 2.63 -0.94 | 21.37 2.30 -1.64 | 20.58 2.11 -2.40 |
| RAVENSWOOD___2 23534 | 21.39 2.38 -0.01 | 19.81 2.15 -0.01 | 17.45 1.88 -0.01 | 16.96 1.75 -0.01 | 16.77 1.73 -0.01 | 19.14 1.96 -0.01 | 19.89 2.13 -0.12 | 21.71 2.37 -0.09 | 23.10 2.55 -0.02 | 26.30 2.46 -3.32 | 28.20 2.81 -2.01 | 28.04 2.92 -0.62 | 29.38 3.06 -0.99 | 30.16 3.17 -0.38 | 30.59 3.19 -0.33 | 30.59 3.23 -0.23 | 31.94 3.37 -0.01 | 32.18 3.45 0.00 | 29.35 3.19 -0.01 | 27.03 2.93 -0.30 | 26.30 2.77 -0.78 | 23.48 2.59 -0.94 | 21.33 2.26 -1.64 | 20.55 2.08 -2.39 |
| RAVENSWOOD___3 23535 | 21.34 2.34 0.00 | 19.76 2.12 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.87 2.11 -0.12 | 21.67 2.33 -0.09 | 23.08 2.53 -0.02 | 23.29 2.50 -0.26 | 26.30 2.88 -0.03 | 28.09 2.96 -0.62 | 29.46 3.14 -0.99 | 29.93 3.25 -0.07 | 30.51 3.33 -0.11 | 30.70 3.34 -0.23 | 32.08 3.51 -0.01 | 32.29 3.56 0.00 | 29.42 3.27 0.00 | 27.08 2.97 -0.30 | 25.80 2.75 -0.30 | 23.44 2.55 -0.94 | 21.30 2.23 -1.64 | 19.09 2.03 -0.99 |
| RAVENSWOOD___4 23820 | 21.41 2.39 -0.01 | 19.82 2.17 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.80 1.76 -0.01 | 19.17 1.99 -0.01 | 19.90 2.15 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 25.99 2.56 -2.91 | 27.08 2.95 -0.74 | 27.95 3.06 -0.38 | 28.97 3.22 -0.43 | 29.86 3.35 0.11 | 30.11 3.41 0.37 | 30.10 3.42 0.45 | 31.34 3.60 0.82 | 31.40 3.65 0.98 | 28.95 3.35 0.55 | 26.20 3.05 0.64 | 25.11 2.82 0.46 | 22.50 2.63 0.07 | 19.26 2.28 0.45 | 20.37 2.09 -2.20 |
| RCPL_TRUST___DRP 24196 | 21.32 2.32 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.08 2.53 -0.01 | 23.31 2.54 -0.25 | 26.32 2.90 -0.03 | 28.10 3.01 -0.58 | 29.44 3.19 -0.93 | 29.98 3.30 -0.07 | 30.55 3.38 -0.11 | 30.71 3.36 -0.21 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.42 3.27 0.00 | 27.06 2.97 -0.28 | 25.78 2.75 -0.28 | 23.40 2.57 -0.88 | 21.19 2.23 -1.54 | 19.08 2.03 -0.98 |
| RENSSELAER___COGEN 23796 | 20.34 1.33 0.00 | 18.85 1.20 0.00 | 16.62 1.06 0.00 | 16.20 0.99 0.00 | 16.04 1.01 0.00 | 18.27 1.10 0.00 | 18.49 0.86 0.00 | 20.25 1.00 0.00 | 21.67 1.13 0.00 | 21.65 1.13 0.00 | 24.68 1.29 0.00 | 25.81 1.30 0.00 | 26.69 1.37 0.00 | 28.00 1.38 0.00 | 28.47 1.41 0.00 | 28.57 1.44 0.00 | 30.08 1.51 0.00 | 30.28 1.55 0.00 | 27.59 1.44 0.00 | 25.09 1.28 0.00 | 23.95 1.20 0.00 | 21.08 1.14 0.00 | 18.54 1.12 0.00 | 18.15 0.98 -1.09 |
| REVERE_CPPR_DRP 24186 | 19.71 0.70 0.00 | 18.26 0.62 0.00 | 16.07 0.51 0.00 | 15.74 0.53 0.00 | 15.53 0.50 0.00 | 17.84 0.67 0.00 | 18.35 0.72 0.00 | 20.06 0.81 0.00 | 21.44 0.90 0.00 | 21.44 0.92 0.00 | 24.54 1.15 0.00 | 25.71 1.20 0.00 | 26.49 1.17 0.00 | 27.87 1.25 0.00 | 28.42 1.35 0.00 | 28.52 1.38 0.00 | 29.91 1.34 0.00 | 29.99 1.26 0.00 | 27.36 1.20 0.00 | 24.90 1.10 0.00 | 23.89 1.14 0.00 | 20.84 0.90 0.00 | 18.10 0.68 0.00 | 16.67 0.56 -0.02 |
| RIVERBAY____ 323610 | 21.60 2.58 -0.01 | 20.00 2.35 -0.01 | 17.62 2.05 -0.01 | 17.15 1.93 -0.01 | 16.95 1.91 -0.01 | 19.38 2.20 -0.01 | 19.98 2.24 -0.12 | 21.83 2.50 -0.08 | 23.26 2.71 -0.01 | 23.48 2.71 -0.25 | 26.53 3.11 -0.02 | 28.34 3.24 -0.59 | 29.70 3.42 -0.95 | 30.22 3.54 -0.06 | 30.80 3.63 -0.11 | 30.99 3.64 -0.22 | 32.43 3.85 -0.01 | 32.72 3.99 0.00 | 29.77 3.61 -0.01 | 27.33 3.24 -0.29 | 26.06 3.03 -0.29 | 23.66 2.79 -0.92 | 21.43 2.41 -1.60 | 19.26 2.20 -0.98 |
| ROCHESTER_9_IC 23652 | 19.22 0.21 0.00 | 17.77 0.12 0.00 | 15.62 0.06 0.00 | 15.39 0.18 0.00 | 15.20 0.17 0.00 | 17.50 0.33 0.00 | 17.81 0.18 0.00 | 18.79 -0.06 0.41 | 19.64 -0.21 0.70 | 19.56 -0.21 0.76 | 22.03 -0.16 1.20 | 23.01 -0.15 1.35 | 23.56 -0.13 1.64 | 24.73 -0.08 1.81 | 25.55 -0.05 1.46 | 25.44 -0.08 1.62 | 27.15 -0.03 1.38 | 26.80 -0.40 1.53 | 24.96 -0.29 0.91 | 22.42 -0.31 1.07 | 21.69 -0.18 0.88 | 18.80 -0.28 0.87 | 16.86 -0.26 0.31 | 15.99 -0.11 -0.03 |

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| ROSETON___1 23587 | 20.83 1.82 0.00 | 19.29 1.64 0.00 | 17.01 1.45 0.00 | 16.55 1.34 0.00 | 16.37 1.34 0.00 | 18.67 1.49 0.00 | 19.27 1.64 0.00 | 21.04 1.79 0.00 | 22.49 1.95 0.00 | 22.47 1.95 0.00 | 25.61 2.22 0.00 | 26.81 2.30 0.00 | 27.76 2.43 0.00 | 29.12 2.50 0.00 | 29.64 2.57 0.00 | 29.71 2.58 0.00 | 31.28 2.71 0.00 | 31.49 2.76 0.00 | 28.69 2.54 0.00 | 26.09 2.29 0.00 | 24.86 2.12 0.00 | 21.94 1.99 0.00 | 19.17 1.74 0.00 | 18.50 1.58 -0.85 |
| ROSETON___2 23588 | 20.83 1.82 0.00 | 19.29 1.64 0.00 | 17.01 1.45 0.00 | 16.55 1.34 0.00 | 16.37 1.34 0.00 | 18.67 1.49 0.00 | 19.27 1.64 0.00 | 21.04 1.79 0.00 | 22.49 1.95 0.00 | 22.47 1.95 0.00 | 25.61 2.22 0.00 | 26.81 2.30 0.00 | 27.76 2.43 0.00 | 29.12 2.50 0.00 | 29.64 2.57 0.00 | 29.71 2.58 0.00 | 31.28 2.71 0.00 | 31.49 2.76 0.00 | 28.69 2.54 0.00 | 26.09 2.29 0.00 | 24.86 2.12 0.00 | 21.94 1.99 0.00 | 19.17 1.74 0.00 | 18.50 1.58 -0.85 |
| RUSSELL___1 23602 | 19.29 0.29 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.57 0.40 0.00 | 17.89 0.26 0.00 | 18.84 0.00 0.41 | 19.68 -0.17 0.69 | 19.65 -0.12 0.75 | 22.14 -0.07 1.18 | 23.12 -0.05 1.34 | 23.70 0.00 1.63 | 24.85 0.03 1.79 | 25.70 0.08 1.44 | 25.59 0.05 1.60 | 27.31 0.11 1.37 | 26.96 -0.26 1.51 | 25.09 -0.16 0.91 | 22.53 -0.21 1.06 | 21.81 -0.07 0.87 | 18.88 -0.20 0.86 | 16.93 -0.19 0.30 | 16.06 -0.05 -0.03 |
| RUSSELL___2 23532 | 19.29 0.29 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.57 0.40 0.00 | 17.89 0.26 0.00 | 18.84 0.00 0.41 | 19.68 -0.17 0.69 | 19.65 -0.12 0.75 | 22.14 -0.07 1.18 | 23.12 -0.05 1.34 | 23.70 0.00 1.63 | 24.85 0.03 1.79 | 25.70 0.08 1.44 | 25.59 0.05 1.60 | 27.31 0.11 1.37 | 26.96 -0.26 1.51 | 25.09 -0.16 0.91 | 22.53 -0.21 1.06 | 21.81 -0.07 0.87 | 18.88 -0.20 0.86 | 16.93 -0.19 0.30 | 16.06 -0.05 -0.03 |
| RUSSELL___3 23549 | 19.29 0.29 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.57 0.40 0.00 | 17.89 0.26 0.00 | 18.84 0.00 0.41 | 19.68 -0.17 0.69 | 19.65 -0.12 0.75 | 22.14 -0.07 1.18 | 23.12 -0.05 1.34 | 23.70 0.00 1.63 | 24.85 0.03 1.79 | 25.70 0.08 1.44 | 25.59 0.05 1.60 | 27.31 0.11 1.37 | 26.96 -0.26 1.51 | 25.09 -0.16 0.91 | 22.53 -0.21 1.06 | 21.81 -0.07 0.87 | 18.88 -0.20 0.86 | 16.93 -0.19 0.30 | 16.06 -0.05 -0.03 |
| RUSSELL___4 23556 | 19.29 0.29 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.57 0.40 0.00 | 17.89 0.26 0.00 | 18.84 0.00 0.41 | 19.68 -0.17 0.69 | 19.65 -0.12 0.75 | 22.14 -0.07 1.18 | 23.12 -0.05 1.34 | 23.70 0.00 1.63 | 24.85 0.03 1.79 | 25.70 0.08 1.44 | 25.59 0.05 1.60 | 27.31 0.11 1.37 | 26.96 -0.26 1.51 | 25.09 -0.16 0.91 | 22.53 -0.21 1.06 | 21.81 -0.07 0.87 | 18.88 -0.20 0.86 | 16.93 -0.19 0.30 | 16.06 -0.05 -0.03 |
| RUSSELL___STATION 23914 | 19.29 0.29 0.00 | 17.84 0.19 0.00 | 15.67 0.11 0.00 | 15.45 0.24 0.00 | 15.26 0.23 0.00 | 17.57 0.40 0.00 | 17.89 0.26 0.00 | 18.84 0.00 0.41 | 19.68 -0.17 0.69 | 19.65 -0.12 0.75 | 22.14 -0.07 1.18 | 23.12 -0.05 1.34 | 23.70 0.00 1.63 | 24.85 0.03 1.79 | 25.70 0.08 1.44 | 25.59 0.05 1.60 | 27.31 0.11 1.37 | 26.96 -0.26 1.51 | 25.09 -0.16 0.91 | 22.53 -0.21 1.06 | 21.81 -0.07 0.87 | 18.88 -0.20 0.86 | 16.93 -0.19 0.30 | 16.06 -0.05 -0.03 |
| S SALMON___HYD 24043 | 19.04 0.04 0.00 | 17.68 0.04 0.00 | 15.56 0.00 0.00 | 15.25 0.05 0.00 | 15.06 0.03 0.00 | 17.26 0.09 0.00 | 17.74 0.11 0.00 | 19.33 0.08 0.00 | 20.64 0.10 0.00 | 20.64 0.12 0.00 | 23.69 0.19 -0.11 | 24.90 0.22 -0.17 | 25.69 0.15 -0.22 | 27.05 0.13 -0.30 | 27.36 0.16 -0.13 | 27.54 0.16 -0.24 | 28.68 0.11 0.00 | 29.03 0.00 -0.30 | 26.48 0.05 -0.28 | 24.25 0.10 -0.35 | 23.09 0.25 -0.09 | 20.33 0.12 -0.27 | 17.46 0.03 0.00 | 16.14 0.00 -0.06 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 19.31 0.30 0.00 | 17.82 0.18 0.00 | 15.67 0.11 0.00 | 15.44 0.23 0.00 | 15.24 0.21 0.00 | 17.64 0.46 0.00 | 17.86 0.23 0.00 | 22.91 0.21 -3.45 | 26.56 0.12 -5.89 | 63.50 -0.19 -43.16 | 78.95 -0.30 -55.86 | 83.36 -0.27 -59.12 | 95.14 -0.25 -70.07 | 96.94 -0.27 -70.59 | 96.84 -0.30 -70.07 | 93.59 -0.41 -66.86 | 106.41 -0.40 -78.25 | 84.78 -0.92 -56.97 | 48.59 -0.58 -23.01 | 46.92 -0.69 -23.81 | 63.63 -0.52 -41.40 | 40.66 -0.54 -21.25 | 34.98 -0.38 -17.94 | 20.53 -0.06 -4.51 |
| SELKIRK___I 23801 | 20.26 1.25 0.00 | 18.78 1.13 0.00 | 16.55 1.00 0.00 | 16.15 0.94 0.00 | 15.98 0.95 0.00 | 18.22 1.05 0.00 | 18.55 0.92 0.00 | 20.29 1.04 0.00 | 21.71 1.17 0.00 | 21.69 1.17 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.05 1.44 0.00 | 28.50 1.43 0.00 | 28.60 1.46 0.00 | 30.10 1.54 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.13 1.33 0.00 | 24.00 1.25 0.00 | 21.10 1.16 0.00 | 18.52 1.10 0.00 | 18.12 0.96 -1.07 |
| SELKIRK___II 23799 | 20.24 1.23 0.00 | 18.78 1.13 0.00 | 16.55 1.00 0.00 | 16.15 0.94 0.00 | 15.98 0.95 0.00 | 18.22 1.03 0.00 | 18.53 0.90 0.00 | 20.29 1.04 0.00 | 21.69 1.15 0.00 | 21.67 1.15 0.00 | 24.70 1.31 0.00 | 25.86 1.35 0.00 | 26.74 1.42 0.00 | 28.05 1.44 0.00 | 28.50 1.43 0.00 | 28.60 1.46 0.00 | 30.10 1.54 0.00 | 30.31 1.58 0.00 | 27.62 1.46 0.00 | 25.11 1.31 0.00 | 23.98 1.23 0.00 | 21.10 1.16 0.00 | 18.52 1.10 0.00 | 18.12 0.96 -1.07 |
| SENECA OSWGO___HYD 24041 | 18.91 -0.09 0.00 | 17.56 -0.09 0.00 | 15.47 -0.09 0.00 | 15.16 -0.05 0.00 | 14.97 -0.06 0.00 | 17.12 -0.05 0.00 | 17.58 -0.05 0.00 | 19.14 -0.11 0.00 | 20.42 -0.12 0.00 | 20.40 -0.12 0.00 | 23.47 -0.12 -0.19 | 24.69 -0.10 -0.28 | 25.59 -0.10 -0.37 | 27.04 -0.08 -0.50 | 27.23 -0.05 -0.22 | 27.49 -0.05 -0.41 | 28.51 -0.06 0.00 | 29.07 -0.17 -0.51 | 26.50 -0.13 -0.47 | 24.29 -0.12 -0.60 | 22.84 -0.07 -0.16 | 20.29 -0.12 -0.46 | 17.28 -0.14 0.00 | 16.02 -0.13 -0.07 |
| SENECA___ENERGY 23797 | 19.16 0.15 0.00 | 17.75 0.11 0.00 | 15.61 0.05 0.00 | 15.31 0.11 0.00 | 15.12 0.09 0.00 | 17.38 0.21 0.00 | 17.82 0.19 0.00 | 19.37 0.12 0.00 | 20.62 0.08 0.00 | 20.52 0.00 0.00 | 23.41 0.02 0.00 | 24.61 0.10 0.00 | 25.43 0.10 0.00 | 26.78 0.16 0.00 | 27.26 0.19 0.00 | 27.33 0.19 0.00 | 28.74 0.17 0.00 | 28.70 -0.03 0.00 | 26.18 0.03 0.00 | 23.80 0.00 0.00 | 22.84 0.09 0.00 | 19.92 -0.02 0.00 | 17.36 -0.07 0.00 | 16.17 -0.02 -0.11 |
| SHOEMAKER___GT 23640 | 20.57 1.56 0.00 | 19.07 1.43 0.00 | 16.80 1.25 0.00 | 16.36 1.16 0.00 | 16.17 1.14 0.00 | 18.46 1.29 0.00 | 19.04 1.41 0.00 | 20.75 1.50 0.00 | 22.18 1.64 0.00 | 22.14 1.62 0.00 | 25.24 1.85 0.00 | 26.42 1.91 0.00 | 27.38 2.05 0.00 | 28.75 2.13 0.00 | 29.26 2.19 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.11 2.38 0.00 | 28.35 2.20 0.00 | 25.78 1.97 0.00 | 24.55 1.80 0.00 | 21.64 1.69 0.00 | 18.90 1.48 0.00 | 18.22 1.37 -0.77 |
| SHOREHAM_IC_1 23715 | 24.42 3.12 -2.29 | 21.20 2.65 -0.91 | 18.67 2.54 -0.58 | 18.39 2.39 -0.80 | 18.85 2.36 -1.46 | 20.30 2.66 -0.46 | 21.88 2.84 -1.41 | 25.33 3.00 -3.08 | 25.63 2.96 -2.14 | 26.99 2.83 -3.63 | 27.28 3.42 -0.47 | 28.01 3.36 -0.14 | 28.97 3.65 0.00 | 31.38 3.70 -1.06 | 32.68 3.90 -1.72 | 34.46 3.91 -3.42 | 41.39 4.17 -8.65 | 49.86 4.25 -16.87 | 34.58 3.92 -4.51 | 31.85 3.52 -4.52 | 30.43 3.23 -4.45 | 28.23 2.97 -5.31 | 24.39 2.61 -4.35 | 20.78 2.36 -2.33 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| SHOREHAM_IC_2 23716 | 24.42 3.12 -2.29 | 21.20 2.65 -0.91 | 18.67 2.54 -0.58 | 18.39 2.39 -0.80 | 18.85 2.36 -1.46 | 20.30 2.66 -0.46 | 21.88 2.84 -1.41 | 25.33 3.00 -3.08 | 25.63 2.96 -2.14 | 26.99 2.83 -3.63 | 27.28 3.42 -0.47 | 28.01 3.36 -0.14 | 28.97 3.65 0.00 | 31.38 3.70 -1.06 | 32.68 3.90 -1.72 | 34.46 3.91 -3.42 | 41.39 4.17 -8.65 | 49.86 4.25 -16.87 | 34.58 3.92 -4.51 | 31.85 3.52 -4.52 | 30.43 3.23 -4.45 | 28.23 2.97 -5.31 | 24.39 2.61 -4.35 | 20.78 2.36 -2.33 |
| SISSONVILLE____ 23735 | 17.79 -1.22 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.33 -0.88 0.00 | 14.13 -0.90 0.00 | 16.20 -0.98 0.00 | 16.66 -0.97 0.00 | 18.31 -0.94 0.00 | 19.51 -1.03 0.00 | 19.56 -0.96 0.00 | 22.32 -1.08 0.00 | 23.41 -1.10 0.00 | 24.06 -1.27 0.00 | 25.31 -1.30 0.00 | 25.63 -1.44 0.00 | 25.40 -1.74 0.00 | 26.73 -1.83 0.00 | 27.01 -1.72 0.00 | 24.59 -1.57 0.00 | 22.59 -1.21 0.00 | 21.77 -0.98 0.00 | 18.95 -1.00 0.00 | 16.54 -0.89 0.00 | 15.23 -0.85 0.00 |
| SITHE_IND_GS1 24169 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.77 -0.48 0.00 | 20.01 -0.53 0.00 | 19.99 -0.53 0.00 | 21.37 -0.61 1.41 | 21.85 -0.61 2.05 | 22.01 -0.63 2.68 | 22.28 -0.64 3.70 | 24.81 -0.65 1.60 | 23.49 -0.65 3.00 | 27.88 -0.69 0.00 | 24.18 -0.77 3.78 | 21.95 -0.68 3.52 | 18.66 -0.64 4.50 | 21.00 -0.57 1.18 | 15.98 -0.54 3.43 | 16.94 -0.49 0.00 | 15.70 -0.43 -0.05 |
| SITHE_IND_GS2 24170 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.77 -0.48 0.00 | 20.01 -0.53 0.00 | 19.99 -0.53 0.00 | 21.37 -0.61 1.41 | 21.85 -0.61 2.05 | 22.01 -0.63 2.68 | 22.28 -0.64 3.70 | 24.81 -0.65 1.60 | 23.49 -0.65 3.00 | 27.88 -0.69 0.00 | 24.18 -0.77 3.78 | 21.95 -0.68 3.52 | 18.66 -0.64 4.50 | 21.00 -0.57 1.18 | 15.98 -0.54 3.43 | 16.94 -0.49 0.00 | 15.70 -0.43 -0.05 |
| SITHE_IND_GS3 24171 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.77 -0.48 0.00 | 20.01 -0.53 0.00 | 19.99 -0.53 0.00 | 21.37 -0.61 1.41 | 21.85 -0.61 2.05 | 22.01 -0.63 2.68 | 22.28 -0.64 3.70 | 24.81 -0.65 1.60 | 23.49 -0.65 3.00 | 27.88 -0.69 0.00 | 24.18 -0.77 3.78 | 21.95 -0.68 3.52 | 18.66 -0.64 4.50 | 21.00 -0.57 1.18 | 15.98 -0.54 3.43 | 16.94 -0.49 0.00 | 15.70 -0.43 -0.05 |
| SITHE_IND_GS4 24172 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.77 -0.48 0.00 | 20.01 -0.53 0.00 | 19.99 -0.53 0.00 | 21.37 -0.61 1.41 | 21.85 -0.61 2.05 | 22.01 -0.63 2.68 | 22.28 -0.64 3.70 | 24.81 -0.65 1.60 | 23.49 -0.65 3.00 | 27.88 -0.69 0.00 | 24.18 -0.77 3.78 | 21.95 -0.68 3.52 | 18.66 -0.64 4.50 | 21.00 -0.57 1.18 | 15.98 -0.54 3.43 | 16.94 -0.49 0.00 | 15.70 -0.43 -0.05 |
| SITHE____BATAVIA 24024 | 19.44 0.44 0.00 | 17.94 0.30 0.00 | 15.76 0.20 0.00 | 15.59 0.38 0.00 | 15.44 0.41 0.00 | 17.79 0.62 0.00 | 18.05 0.42 0.00 | 19.25 0.23 0.23 | 20.19 0.04 0.39 | 15.85 0.00 4.67 | 17.15 0.02 6.27 | 17.86 0.07 6.72 | 17.42 0.10 8.00 | 18.53 0.13 8.22 | 19.80 0.08 7.34 | 19.87 -0.03 7.24 | 19.89 0.03 8.71 | 21.53 -0.49 6.71 | 22.88 -0.26 3.02 | 20.12 -0.43 3.25 | 17.85 -0.25 4.64 | 16.77 -0.36 2.81 | 15.20 -0.28 1.94 | 15.69 -0.03 0.36 |
| SITHE____INDEPEND 23800 | 18.57 -0.44 0.00 | 17.26 -0.39 0.00 | 15.22 -0.34 0.00 | 14.90 -0.30 0.00 | 14.73 -0.30 0.00 | 16.83 -0.34 0.00 | 17.26 -0.37 0.00 | 18.77 -0.48 0.00 | 20.01 -0.53 0.00 | 19.99 -0.53 0.00 | 21.37 -0.61 1.41 | 21.85 -0.61 2.05 | 22.01 -0.63 2.68 | 22.28 -0.64 3.70 | 24.81 -0.65 1.60 | 23.49 -0.65 3.00 | 27.88 -0.69 0.00 | 24.18 -0.77 3.78 | 21.95 -0.68 3.52 | 18.66 -0.64 4.50 | 21.00 -0.57 1.18 | 15.98 -0.54 3.43 | 16.94 -0.49 0.00 | 15.70 -0.43 -0.05 |
| SITHE____MASSENA 23902 | 17.77 -1.24 0.00 | 16.53 -1.11 0.00 | 14.63 -0.93 0.00 | 14.31 -0.90 0.00 | 14.12 -0.92 0.00 | 16.14 -1.03 0.00 | 16.59 -1.04 0.00 | 18.21 -1.04 0.00 | 19.39 -1.15 0.00 | 19.41 -1.11 0.00 | 22.13 -1.26 0.00 | 23.21 -1.30 0.00 | 23.91 -1.42 0.00 | 25.15 -1.46 0.00 | 25.55 -1.52 0.00 | 25.53 -1.60 0.00 | 26.91 -1.66 0.00 | 27.21 -1.52 0.00 | 24.66 -1.49 0.00 | 22.54 -1.26 0.00 | 21.56 -1.18 0.00 | 18.83 -1.12 0.00 | 16.47 -0.96 0.00 | 15.20 -0.88 0.00 |
| SITHE____OGDNSBRG 24021 | 17.83 -1.18 0.00 | 16.59 -1.06 0.00 | 14.66 -0.90 0.00 | 14.36 -0.85 0.00 | 14.16 -0.87 0.00 | 16.23 -0.94 0.00 | 16.69 -0.93 0.00 | 18.35 -0.90 0.00 | 19.57 -0.97 0.00 | 19.62 -0.90 0.00 | 22.39 -1.01 0.00 | 23.48 -1.03 0.00 | 24.11 -1.22 0.00 | 25.37 -1.25 0.00 | 25.79 -1.27 0.00 | 25.70 -1.44 0.00 | 27.02 -1.54 0.00 | 27.32 -1.41 0.00 | 24.82 -1.33 0.00 | 22.75 -1.05 0.00 | 21.86 -0.89 0.00 | 19.01 -0.94 0.00 | 16.59 -0.84 0.00 | 15.26 -0.82 0.00 |
| SITHE____STERLING 23777 | 19.63 0.63 0.00 | 18.19 0.55 0.00 | 16.01 0.45 0.00 | 15.68 0.47 0.00 | 15.48 0.45 0.00 | 17.76 0.58 0.00 | 18.26 0.63 0.00 | 19.94 0.69 0.00 | 21.32 0.78 0.00 | 21.32 0.80 0.00 | 24.37 0.98 0.00 | 25.54 1.03 0.00 | 26.34 1.01 0.00 | 27.71 1.09 0.00 | 28.23 1.16 0.00 | 28.33 1.19 0.00 | 29.76 1.20 0.00 | 29.82 1.09 0.00 | 27.20 1.05 0.00 | 24.73 0.93 0.00 | 23.70 0.96 0.00 | 20.70 0.76 0.00 | 18.00 0.57 0.00 | 16.60 0.48 -0.03 |
| SOUTH CAIRO____GT 23612 | 20.75 1.75 0.00 | 19.30 1.66 0.00 | 17.02 1.46 0.00 | 16.56 1.35 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.18 1.55 0.00 | 20.85 1.60 0.00 | 22.33 1.79 0.00 | 22.28 1.76 0.00 | 25.50 2.11 0.00 | 26.67 2.16 0.00 | 27.63 2.30 0.00 | 29.06 2.45 0.00 | 29.55 2.49 0.00 | 29.74 2.61 0.00 | 31.31 2.74 0.00 | 31.58 2.85 0.00 | 28.74 2.59 0.00 | 26.11 2.31 0.00 | 24.80 2.05 0.00 | 21.82 1.87 0.00 | 19.05 1.62 0.00 | 18.50 1.50 -0.93 |
| SOUTH HAMPTN____IC 23720 | 25.23 3.95 -2.27 | 21.95 3.41 -0.89 | 19.30 3.17 -0.57 | 19.01 3.01 -0.79 | 19.46 2.98 -1.45 | 20.98 3.35 -0.46 | 22.60 3.56 -1.41 | 26.20 3.87 -3.08 | 26.68 4.01 -2.13 | 28.09 3.94 -3.63 | 28.61 4.75 -0.47 | 29.46 4.80 -0.14 | 30.49 5.16 0.00 | 33.03 5.35 -1.06 | 34.38 5.60 -1.72 | 36.26 5.70 -3.42 | 43.30 6.08 -8.65 | 51.81 6.20 -16.87 | 36.31 5.65 -4.51 | 33.37 5.05 -4.52 | 31.84 4.64 -4.45 | 29.39 4.13 -5.31 | 25.28 3.52 -4.34 | 21.56 3.15 -2.33 |
| SOUTHOLD____IC 23719 | 25.80 4.52 -2.27 | 22.44 3.90 -0.89 | 19.73 3.60 -0.57 | 19.41 3.41 -0.79 | 19.85 3.37 -1.45 | 21.45 3.81 -0.46 | 23.05 4.02 -1.41 | 26.74 4.41 -3.08 | 27.32 4.64 -2.13 | 28.81 4.66 -3.63 | 29.55 5.68 -0.47 | 30.51 5.86 -0.14 | 31.66 6.33 0.00 | 34.28 6.60 -1.06 | 35.68 6.90 -1.72 | 37.61 7.05 -3.42 | 44.76 7.54 -8.65 | 53.25 7.64 -16.87 | 37.59 6.93 -4.51 | 34.49 6.16 -4.52 | 32.88 5.69 -4.45 | 30.20 4.95 -5.31 | 25.93 4.16 -4.34 | 22.07 3.67 -2.33 |
| ST LAWRENCE____ 23600 | 17.83 -1.18 0.00 | 16.59 -1.06 0.00 | 14.64 -0.92 0.00 | 14.33 -0.88 0.00 | 14.15 -0.89 0.00 | 16.16 -1.01 0.00 | 16.61 -1.02 0.00 | 18.19 -1.06 0.00 | 19.41 -1.13 0.00 | 19.41 -1.11 0.00 | 22.10 -1.29 0.00 | 23.19 -1.32 0.00 | 23.91 -1.42 0.00 | 25.15 -1.46 0.00 | 25.55 -1.52 0.00 | 25.59 -1.55 0.00 | 26.96 -1.60 0.00 | 27.21 -1.52 0.00 | 24.72 -1.44 0.00 | 22.54 -1.26 0.00 | 21.54 -1.21 0.00 | 18.83 -1.12 0.00 | 16.47 -0.96 0.00 | 15.20 -0.88 0.00 |

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| STATION_5_MISC_HYD 23604 | 19.22 0.21 0.00 | 17.77 0.12 0.00 | 15.62 0.06 0.00 | 15.39 0.18 0.00 | 15.20 0.17 0.00 | 17.50 0.33 0.00 | 17.81 0.18 0.00 | 18.79 -0.06 0.41 | 19.64 -0.21 0.70 | 19.56 -0.21 0.76 | 22.03 -0.16 1.20 | 23.01 -0.15 1.35 | 23.56 -0.13 1.64 | 24.73 -0.08 1.81 | 25.55 -0.05 1.46 | 25.44 -0.08 1.62 | 27.15 -0.03 1.38 | 26.80 -0.40 1.53 | 24.96 -0.29 0.91 | 22.42 -0.31 1.07 | 21.69 -0.18 0.88 | 18.80 -0.28 0.87 | 16.86 -0.26 0.31 | 15.99 -0.11 -0.03 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 19.25 0.25 0.00 | 17.82 0.18 0.00 | 15.67 0.11 0.00 | 15.42 0.21 0.00 | 15.23 0.19 0.00 | 17.52 0.34 0.00 | 17.89 0.26 0.00 | 19.00 0.06 0.31 | 19.95 -0.06 0.53 | 20.46 -0.06 0.00 | 23.24 0.00 0.16 | 24.33 0.05 0.23 | 25.11 0.08 0.29 | 26.35 0.13 0.41 | 27.05 0.16 0.18 | 26.97 0.16 0.33 | 28.76 0.20 0.00 | 28.25 -0.09 0.39 | 25.76 -0.03 0.37 | 23.28 -0.05 0.47 | 22.69 0.07 0.12 | 19.51 -0.08 0.36 | 17.32 -0.10 0.00 | 16.17 -0.02 -0.10 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 19.04 0.04 0.00 | 17.61 -0.04 0.00 | 15.48 -0.08 0.00 | 15.25 0.05 0.00 | 15.06 0.03 0.00 | 17.33 0.15 0.00 | 17.65 0.02 0.00 | 18.54 -0.21 0.50 | 19.32 -0.37 0.85 | 20.17 -0.35 0.00 | 22.85 -0.33 0.21 | 23.88 -0.32 0.31 | 24.61 -0.30 0.41 | 25.79 -0.27 0.56 | 26.98 -0.24 -0.16 | 26.79 -0.27 0.07 | 28.81 -0.20 -0.44 | 27.95 -0.57 0.21 | 25.34 -0.44 0.37 | 22.85 -0.45 0.50 | 22.50 -0.32 -0.07 | 19.16 -0.42 0.37 | 17.14 -0.38 -0.10 | 15.97 -0.24 -0.13 |
| STEEL___WIND 323596 | 19.65 0.65 0.00 | 18.12 0.48 0.00 | 15.93 0.37 0.00 | 15.69 0.49 0.00 | 15.48 0.45 0.00 | 17.93 0.75 0.00 | 18.20 0.56 0.00 | 24.21 0.62 -4.34 | 28.50 0.55 -7.41 | 65.36 0.23 -44.61 | 81.31 0.16 -57.75 | 85.88 0.25 -61.12 | 98.05 0.28 -72.45 | 99.88 0.27 -73.00 | 99.78 0.27 -72.44 | 96.38 0.11 -69.14 | 109.59 0.17 -80.85 | 87.31 -0.34 -58.92 | 49.92 -0.05 -23.81 | 48.23 -0.21 -24.65 | 65.46 -0.09 -42.81 | 41.78 -0.16 -21.99 | 35.93 -0.03 -18.54 | 21.00 0.26 -4.66 |
| STEBEN_REC_LFGE 323667 | 20.09 1.08 0.00 | 18.51 0.86 0.00 | 16.27 0.72 0.00 | 16.01 0.81 0.00 | 15.80 0.77 0.00 | 18.29 1.12 0.00 | 18.72 1.09 0.00 | 21.41 1.15 -1.00 | 23.42 1.17 -1.71 | 26.66 0.76 -5.39 | 31.12 0.84 -6.89 | 32.77 1.01 -7.26 | 34.97 1.06 -8.59 | 36.41 1.20 -8.59 | 36.93 1.22 -8.64 | 36.49 1.19 -8.16 | 39.74 1.23 -9.95 | 36.47 0.83 -6.90 | 29.72 0.89 -2.67 | 27.18 0.67 -2.72 | 28.63 0.77 -5.11 | 22.94 0.54 -2.46 | 20.12 0.45 -2.24 | 17.41 0.60 -0.73 |
| STONY___BROOK 24151 | 24.55 3.16 -2.39 | 21.34 2.75 -0.94 | 18.64 2.49 -0.59 | 18.39 2.37 -0.81 | 18.85 2.34 -1.47 | 20.30 2.64 -0.48 | 21.87 2.82 -1.42 | 25.42 3.08 -3.09 | 25.89 3.20 -2.14 | 27.30 3.14 -3.64 | 27.42 3.55 -0.47 | 28.26 3.60 -0.14 | 29.17 3.85 0.00 | 31.70 4.02 -1.06 | 33.00 4.22 -1.72 | 34.65 4.10 -3.42 | 41.56 4.34 -8.65 | 50.03 4.42 -16.87 | 34.79 4.13 -4.51 | 32.09 3.76 -4.52 | 30.63 3.44 -4.45 | 28.45 3.19 -5.31 | 24.68 2.86 -4.40 | 21.02 2.59 -2.35 |
| STURGEON_POOL_HYD 23609 | 20.75 1.75 0.00 | 19.25 1.61 0.00 | 16.97 1.42 0.00 | 16.52 1.31 0.00 | 16.34 1.31 0.00 | 18.63 1.46 0.00 | 19.25 1.62 0.00 | 20.98 1.73 0.00 | 22.43 1.89 0.00 | 22.39 1.87 0.00 | 25.54 2.15 0.00 | 26.74 2.23 0.00 | 27.70 2.38 0.00 | 29.12 2.50 0.00 | 29.61 2.54 0.00 | 29.71 2.58 0.00 | 31.31 2.74 0.00 | 31.52 2.79 0.00 | 28.72 2.56 0.00 | 26.11 2.31 0.00 | 24.82 2.07 0.00 | 21.90 1.96 0.00 | 19.11 1.69 0.00 | 18.51 1.56 -0.87 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 20.74 1.73 0.00 | 19.21 1.57 0.00 | 16.94 1.38 0.00 | 16.49 1.28 0.00 | 16.30 1.26 0.00 | 18.60 1.42 0.00 | 19.20 1.57 0.00 | 20.92 1.67 0.00 | 22.37 1.83 0.00 | 22.33 1.81 0.00 | 25.45 2.06 0.00 | 26.64 2.13 0.00 | 27.61 2.28 0.00 | 28.99 2.37 0.00 | 29.50 2.44 0.00 | 29.58 2.44 0.00 | 31.16 2.60 0.00 | 31.37 2.64 0.00 | 28.59 2.43 0.00 | 25.99 2.19 0.00 | 24.75 2.00 0.00 | 21.84 1.90 0.00 | 19.06 1.64 0.00 | 18.38 1.51 -0.79 |
| SYNERGY___BIOGAS 323694 | 19.44 0.44 0.00 | 17.94 0.30 0.00 | 15.76 0.20 0.00 | 15.59 0.38 0.00 | 15.44 0.41 0.00 | 17.79 0.62 0.00 | 18.05 0.42 0.00 | 19.25 0.23 0.23 | 20.19 0.04 0.39 | 15.85 0.00 4.67 | 17.15 0.02 6.27 | 17.86 0.07 6.72 | 17.42 0.10 8.00 | 18.53 0.13 8.22 | 19.80 0.08 7.34 | 19.87 -0.03 7.24 | 19.89 0.03 8.71 | 21.53 -0.49 6.71 | 22.88 -0.26 3.02 | 20.12 -0.43 3.25 | 17.85 -0.25 4.64 | 16.77 -0.36 2.81 | 15.20 -0.28 1.94 | 15.69 -0.03 0.36 |
| SYRACUSE___ENERGY_ST1 323597 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |
| SYRACUSE___ENERGY_ST2 323598 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.35 0.17 0.00 | 17.82 0.19 0.00 | 19.40 0.15 0.00 | 20.70 0.16 0.00 | 20.66 0.14 0.00 | 23.63 0.19 -0.06 | 24.84 0.25 -0.08 | 25.69 0.25 -0.11 | 27.11 0.35 -0.15 | 27.48 0.35 -0.07 | 27.61 0.35 -0.12 | 28.91 0.34 0.00 | 29.09 0.23 -0.13 | 26.48 0.21 -0.12 | 24.14 0.19 -0.15 | 23.04 0.25 -0.04 | 20.20 0.14 -0.12 | 17.49 0.07 0.00 | 16.23 0.06 -0.09 |
| SYRACUSE___POWER 24017 | 19.18 0.17 0.00 | 17.80 0.16 0.00 | 15.67 0.11 0.00 | 15.34 0.14 0.00 | 15.15 0.12 0.00 | 17.36 0.19 0.00 | 17.82 0.19 0.00 | 19.42 0.17 0.00 | 20.72 0.18 0.00 | 20.68 0.16 0.00 | 23.60 0.21 0.00 | 24.78 0.27 0.00 | 25.60 0.28 0.00 | 26.96 0.35 0.00 | 27.42 0.35 0.00 | 27.51 0.38 0.00 | 28.93 0.37 0.00 | 28.99 0.26 0.00 | 26.39 0.23 0.00 | 24.02 0.21 0.00 | 23.00 0.25 0.00 | 20.10 0.16 0.00 | 17.51 0.09 0.00 | 16.25 0.08 -0.09 |
| TRIGEN___CC 323695 | 39.10 2.51 -17.58 | 26.89 2.28 -6.97 | 20.90 2.01 -3.34 | 20.62 1.87 -3.54 | 21.03 1.85 -4.15 | 22.06 2.09 -2.79 | 23.35 2.26 -3.47 | 25.92 2.46 -4.21 | 26.54 2.65 -3.35 | 27.62 2.56 -4.53 | 26.74 2.88 -0.47 | 27.64 2.99 -0.14 | 28.46 3.14 0.00 | 30.92 3.25 -1.06 | 32.14 3.36 -1.72 | 33.95 3.39 -3.42 | 40.79 3.57 -8.65 | 49.22 3.62 -16.87 | 33.98 3.32 -4.51 | 31.33 3.00 -4.52 | 29.95 2.75 -4.45 | 27.83 2.57 -5.32 | 32.28 2.30 -12.55 | 23.29 2.11 -5.11 |
| UNION___PROCESSING_DRP 323587 | 19.18 0.17 0.00 | 17.73 0.09 0.00 | 15.59 0.03 0.00 | 15.36 0.15 0.00 | 15.17 0.13 0.00 | 17.47 0.29 0.00 | 17.77 0.14 0.00 | 18.75 -0.10 0.40 | 19.63 -0.23 0.69 | 17.43 -0.25 2.84 | 19.28 -0.21 3.90 | 20.09 -0.20 4.22 | 20.11 -0.18 5.04 | 21.26 -0.13 5.23 | 22.10 -0.11 4.85 | 22.14 -0.13 4.86 | 27.20 -0.09 1.28 | 26.83 -0.46 1.44 | 24.94 -0.34 0.87 | 22.39 -0.38 1.03 | 21.68 -0.25 0.82 | 18.77 -0.34 0.83 | 16.84 -0.30 0.28 | 15.97 -0.15 -0.03 |
| UPPER HUDSON___HYD 24058 | 20.68 1.67 0.00 | 19.13 1.48 0.00 | 16.87 1.31 0.00 | 16.45 1.25 0.00 | 16.28 1.25 0.00 | 18.60 1.42 0.00 | 19.13 1.50 0.00 | 21.04 1.79 0.00 | 22.57 2.03 0.00 | 22.57 2.05 0.00 | 25.47 2.08 0.00 | 26.72 2.21 0.00 | 27.61 2.28 0.00 | 28.99 2.37 0.00 | 29.34 2.27 0.00 | 29.47 2.33 0.00 | 31.05 2.48 0.00 | 31.32 2.59 0.00 | 28.74 2.59 0.00 | 26.06 2.26 0.00 | 25.05 2.30 0.00 | 21.94 1.99 0.00 | 19.11 1.69 0.00 | 18.70 1.46 -1.16 |

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| UPPER RAQUET___HYD 24056 | 17.79 -1.22 0.00 | 16.55 -1.09 0.00 | 14.63 -0.93 0.00 | 14.33 -0.88 0.00 | 14.13 -0.90 0.00 | 16.20 -0.98 0.00 | 16.66 -0.97 0.00 | 18.31 -0.94 0.00 | 19.51 -1.03 0.00 | 19.56 -0.96 0.00 | 22.32 -1.08 0.00 | 23.41 -1.10 0.00 | 24.06 -1.27 0.00 | 25.31 -1.30 0.00 | 25.63 -1.44 0.00 | 25.40 -1.74 0.00 | 26.73 -1.83 0.00 | 27.01 -1.72 0.00 | 24.59 -1.57 0.00 | 22.59 -1.21 0.00 | 21.77 -0.98 0.00 | 18.95 -1.00 0.00 | 16.54 -0.89 0.00 | 15.23 -0.85 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 20.30 1.29 0.00 | 18.79 1.15 0.00 | 16.54 0.98 0.00 | 16.17 0.96 0.00 | 15.97 0.93 0.00 | 18.31 1.13 0.00 | 18.83 1.20 0.00 | 20.60 1.35 0.00 | 22.04 1.50 0.00 | 22.02 1.50 0.00 | 25.15 1.76 0.00 | 26.30 1.79 0.00 | 27.15 1.82 0.00 | 28.54 1.92 0.00 | 29.10 2.03 0.00 | 29.20 2.06 0.00 | 30.68 2.11 0.00 | 30.80 2.07 0.00 | 28.12 1.96 0.00 | 25.59 1.79 0.00 | 24.50 1.75 0.00 | 21.46 1.52 0.00 | 18.68 1.26 0.00 | 17.57 1.13 -0.36 |
| VISCHER___FERRY HYD 24020 | 20.58 1.58 0.00 | 19.06 1.41 0.00 | 16.80 1.25 0.00 | 16.39 1.19 0.00 | 16.24 1.20 0.00 | 18.50 1.32 0.00 | 18.97 1.34 0.00 | 20.87 1.62 0.00 | 22.33 1.79 0.00 | 22.30 1.78 0.00 | 25.38 1.99 0.00 | 26.54 2.03 0.00 | 27.45 2.13 0.00 | 28.80 2.18 0.00 | 29.23 2.17 0.00 | 29.33 2.20 0.00 | 30.91 2.34 0.00 | 31.11 2.38 0.00 | 28.22 2.07 0.00 | 25.66 1.86 0.00 | 24.52 1.78 0.00 | 21.54 1.60 0.00 | 18.87 1.45 0.00 | 18.48 1.27 -1.13 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.98 1.98 0.00 | 19.45 1.80 0.00 | 17.13 1.57 0.00 | 16.65 1.45 0.00 | 16.48 1.44 0.00 | 18.81 1.63 0.00 | 19.41 1.78 0.00 | 21.18 1.92 0.00 | 22.64 2.10 0.00 | 22.59 2.07 0.00 | 25.78 2.39 0.00 | 26.99 2.47 0.00 | 27.98 2.66 0.00 | 29.39 2.77 0.00 | 29.91 2.84 0.00 | 29.98 2.85 0.00 | 31.56 3.00 0.00 | 31.81 3.08 0.00 | 28.98 2.83 0.00 | 26.35 2.55 0.00 | 25.05 2.30 0.00 | 22.12 2.17 0.00 | 19.31 1.88 0.00 | 18.63 1.74 -0.82 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 21.34 2.34 0.00 | 19.74 2.10 0.00 | 17.41 1.85 0.00 | 16.93 1.72 0.00 | 16.73 1.70 0.00 | 19.10 1.92 0.00 | 19.88 2.13 -0.12 | 21.66 2.33 -0.08 | 23.08 2.53 -0.01 | 23.31 2.54 -0.25 | 26.32 2.90 -0.03 | 28.10 3.01 -0.58 | 29.44 3.19 -0.93 | 29.98 3.30 -0.07 | 30.55 3.38 -0.11 | 30.71 3.36 -0.21 | 32.11 3.54 -0.01 | 32.32 3.59 0.00 | 29.42 3.27 0.00 | 27.06 2.97 -0.28 | 25.78 2.75 -0.28 | 23.40 2.57 -0.88 | 21.19 2.23 -1.54 | 19.08 2.03 -0.98 |
| WADING RIVER_IC_1 23522 | 24.40 3.14 -2.25 | 21.18 2.65 -0.89 | 18.68 2.55 -0.57 | 18.42 2.42 -0.79 | 18.87 2.39 -1.45 | 20.33 2.70 -0.46 | 21.91 2.87 -1.40 | 25.35 3.02 -3.08 | 25.65 2.98 -2.13 | 26.98 2.83 -3.63 | 27.33 3.46 -0.47 | 28.06 3.41 -0.14 | 29.02 3.70 0.00 | 31.40 3.73 -1.06 | 32.70 3.92 -1.72 | 34.49 3.93 -3.42 | 41.42 4.20 -8.65 | 49.89 4.28 -16.87 | 34.61 3.95 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.25 2.99 -5.31 | 24.37 2.61 -4.33 | 20.77 2.36 -2.32 |
| WADING RIVER_IC_2 23547 | 24.40 3.14 -2.25 | 21.18 2.65 -0.89 | 18.68 2.55 -0.57 | 18.42 2.42 -0.79 | 18.87 2.39 -1.45 | 20.33 2.70 -0.46 | 21.91 2.87 -1.40 | 25.35 3.02 -3.08 | 25.65 2.98 -2.13 | 26.98 2.83 -3.63 | 27.33 3.46 -0.47 | 28.06 3.41 -0.14 | 29.02 3.70 0.00 | 31.40 3.73 -1.06 | 32.70 3.92 -1.72 | 34.49 3.93 -3.42 | 41.42 4.20 -8.65 | 49.89 4.28 -16.87 | 34.61 3.95 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.25 2.99 -5.31 | 24.37 2.61 -4.33 | 20.77 2.36 -2.32 |
| WADING RIVER_IC_3 23601 | 24.40 3.14 -2.25 | 21.18 2.65 -0.89 | 18.68 2.55 -0.57 | 18.42 2.42 -0.79 | 18.87 2.39 -1.45 | 20.33 2.70 -0.46 | 21.91 2.87 -1.40 | 25.35 3.02 -3.08 | 25.65 2.98 -2.13 | 26.98 2.83 -3.63 | 27.33 3.46 -0.47 | 28.06 3.41 -0.14 | 29.02 3.70 0.00 | 31.40 3.73 -1.06 | 32.70 3.92 -1.72 | 34.49 3.93 -3.42 | 41.42 4.20 -8.65 | 49.89 4.28 -16.87 | 34.61 3.95 -4.51 | 31.87 3.55 -4.52 | 30.45 3.25 -4.45 | 28.25 2.99 -5.31 | 24.37 2.61 -4.33 | 20.77 2.36 -2.32 |
| WALDEN___HYDRO 24148 | 20.85 1.84 0.00 | 19.32 1.68 0.00 | 17.02 1.46 0.00 | 16.56 1.35 0.00 | 16.37 1.34 0.00 | 18.70 1.53 0.00 | 19.30 1.68 0.00 | 21.04 1.79 0.00 | 22.49 1.95 0.00 | 22.47 1.95 0.00 | 25.64 2.25 0.00 | 26.84 2.33 0.00 | 27.83 2.51 0.00 | 29.23 2.61 0.00 | 29.74 2.68 0.00 | 29.85 2.71 0.00 | 31.45 2.88 0.00 | 31.66 2.93 0.00 | 28.85 2.69 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.00 2.05 0.00 | 19.18 1.76 0.00 | 18.53 1.62 -0.83 |
| WARRENSBURG___ 23737 | 20.68 1.67 0.00 | 19.13 1.48 0.00 | 16.87 1.31 0.00 | 16.45 1.25 0.00 | 16.28 1.25 0.00 | 18.60 1.42 0.00 | 19.13 1.50 0.00 | 21.04 1.79 0.00 | 22.57 2.03 0.00 | 22.57 2.05 0.00 | 25.47 2.08 0.00 | 26.72 2.21 0.00 | 27.61 2.28 0.00 | 28.99 2.37 0.00 | 29.34 2.27 0.00 | 29.47 2.33 0.00 | 31.05 2.48 0.00 | 31.32 2.59 0.00 | 28.74 2.59 0.00 | 26.06 2.26 0.00 | 25.05 2.30 0.00 | 21.94 1.99 0.00 | 19.11 1.69 0.00 | 18.70 1.46 -1.16 |
| WATERSIDE___6 8 9 23538 | 21.41 2.39 -0.01 | 19.82 2.17 -0.01 | 17.48 1.91 -0.01 | 16.99 1.78 -0.01 | 16.80 1.76 -0.01 | 19.17 1.99 -0.01 | 19.90 2.15 -0.12 | 21.74 2.41 -0.09 | 23.14 2.59 -0.02 | 25.99 2.56 -2.91 | 27.08 2.95 -0.74 | 27.95 3.06 -0.38 | 28.97 3.22 -0.43 | 29.86 3.35 0.11 | 30.11 3.41 0.37 | 30.10 3.42 0.45 | 31.34 3.60 0.82 | 31.40 3.65 0.98 | 28.95 3.35 0.55 | 26.20 3.05 0.64 | 25.11 2.82 0.46 | 22.50 2.63 0.07 | 19.26 2.28 0.45 | 20.37 2.09 -2.20 |
| WDELAWARE___HYD 323627 | 19.96 0.95 0.00 | 18.49 0.85 0.00 | 16.29 0.73 0.00 | 15.86 0.65 0.00 | 15.68 0.65 0.00 | 17.93 0.75 0.00 | 18.51 0.88 0.00 | 20.17 0.92 0.00 | 21.59 1.05 0.00 | 21.57 1.05 0.00 | 24.63 1.24 0.00 | 25.78 1.27 0.00 | 26.72 1.39 0.00 | 28.05 1.44 0.00 | 28.58 1.51 0.00 | 28.71 1.57 0.00 | 30.19 1.63 0.00 | 30.40 1.67 0.00 | 27.72 1.57 0.00 | 25.21 1.40 0.00 | 24.00 1.25 0.00 | 21.12 1.18 0.00 | 18.40 0.98 0.00 | 17.72 0.88 -0.75 |
| WEST BABYLON___IC 23714 | 27.87 3.17 -5.68 | 22.72 2.82 -2.25 | 19.25 2.51 -1.19 | 18.97 2.36 -1.41 | 19.43 2.34 -2.06 | 20.82 2.66 -0.98 | 22.33 2.84 -1.87 | 25.68 3.10 -3.33 | 26.27 3.33 -2.41 | 27.64 3.28 -3.83 | 27.58 3.72 -0.47 | 28.40 3.75 -0.14 | 29.25 3.93 0.00 | 31.80 4.13 -1.06 | 33.11 4.33 -1.72 | 34.87 4.31 -3.42 | 41.78 4.57 -8.65 | 50.20 4.60 -16.87 | 34.93 4.26 -4.51 | 32.18 3.86 -4.52 | 30.77 3.57 -4.45 | 28.51 3.25 -5.31 | 26.52 2.93 -6.17 | 21.70 2.67 -2.95 |
| WEST CANADA___HYD 24049 | 19.22 0.21 0.00 | 17.84 0.19 0.00 | 15.73 0.17 0.00 | 15.38 0.17 0.00 | 15.20 0.17 0.00 | 17.36 0.19 0.00 | 17.82 0.19 0.00 | 19.46 0.21 0.00 | 20.77 0.23 0.00 | 20.75 0.23 0.00 | 23.67 0.28 0.00 | 24.78 0.27 0.00 | 25.60 0.28 0.00 | 26.91 0.29 0.00 | 27.36 0.30 0.00 | 27.46 0.33 0.00 | 28.88 0.31 0.00 | 29.05 0.32 0.00 | 26.44 0.29 0.00 | 24.06 0.26 0.00 | 23.00 0.25 0.00 | 20.16 0.22 0.00 | 17.62 0.19 0.00 | 16.22 0.16 0.02 |
| WESTERN_NY_WIND 24143 | 19.44 0.44 0.00 | 17.93 0.28 0.00 | 15.75 0.19 0.00 | 15.57 0.36 0.00 | 15.42 0.39 0.00 | 17.78 0.60 0.00 | 18.04 0.41 0.00 | 19.25 0.21 0.22 | 20.19 0.02 0.37 | 15.64 -0.02 4.85 | 16.89 0.00 6.50 | 17.57 0.02 6.97 | 17.11 0.08 8.29 | 18.21 0.11 8.51 | 19.28 0.05 7.83 | 19.37 -0.05 7.71 | 19.57 0.00 9.00 | 21.30 -0.52 6.91 | 22.77 -0.29 3.10 | 20.01 -0.45 3.34 | 17.68 -0.27 4.79 | 16.67 -0.38 2.89 | 15.12 -0.30 2.01 | 15.65 -0.05 0.38 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| WESTOVER____LESR 323668 | 19.75 0.74 0.00 | 18.28 0.63 0.00 | 16.09 0.53 0.00 | 15.75 0.55 0.00 | 15.56 0.53 0.00 | 17.86 0.69 0.00 | 18.30 0.67 0.00 | 20.11 0.67 -0.19 | 21.56 0.70 -0.32 | 21.07 0.55 0.00 | 23.95 0.61 0.05 | 25.12 0.69 0.07 | 25.94 0.71 0.09 | 27.26 0.77 0.13 | 27.79 0.79 0.06 | 27.82 0.79 0.10 | 29.36 0.80 0.00 | 29.26 0.66 0.13 | 26.74 0.71 0.12 | 24.26 0.62 0.16 | 23.34 0.64 0.04 | 20.34 0.52 0.12 | 17.88 0.45 0.00 | 16.87 0.51 -0.27 |
| WETHRSFD_WT_PWR 323626 | 19.60 0.59 0.00 | 18.07 0.42 0.00 | 15.89 0.33 0.00 | 15.63 0.43 0.00 | 15.44 0.41 0.00 | 17.84 0.67 0.00 | 18.14 0.51 0.00 | 21.59 0.52 -1.82 | 24.12 0.47 -3.10 | 20.48 -0.04 0.00 | 23.12 -0.12 0.15 | 24.24 -0.05 0.22 | 24.99 -0.05 0.28 | 26.20 -0.03 0.39 | 26.87 -0.03 0.17 | 26.71 -0.11 0.32 | 28.45 -0.11 0.00 | 27.86 -0.49 0.39 | 25.56 -0.24 0.36 | 22.98 -0.36 0.46 | 22.38 -0.25 0.12 | 19.29 -0.30 0.35 | 17.20 -0.23 0.00 | 16.28 0.03 -0.16 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.91 1.90 0.00 | 19.38 1.73 0.00 | 17.07 1.51 0.00 | 16.59 1.38 0.00 | 16.42 1.38 0.00 | 18.72 1.55 0.00 | 19.34 1.71 0.00 | 21.10 1.85 0.00 | 22.53 1.99 0.00 | 22.51 1.99 0.00 | 25.66 2.27 0.00 | 26.86 2.35 0.00 | 27.83 2.51 0.00 | 29.20 2.58 0.00 | 29.72 2.65 0.00 | 29.79 2.66 0.00 | 31.39 2.83 0.00 | 31.60 2.87 0.00 | 28.79 2.64 0.00 | 26.20 2.40 0.00 | 24.93 2.18 0.00 | 22.02 2.07 0.00 | 19.24 1.81 0.00 | 18.57 1.67 -0.82 |
| YORK____WARBASSE 23770 | 21.56 2.55 -0.01 | 19.95 2.29 -0.01 | 17.54 1.98 -0.01 | 17.04 1.82 -0.01 | 16.84 1.80 -0.01 | 19.23 2.04 -0.01 | 19.96 2.20 -0.12 | 21.78 2.45 -0.09 | 23.22 2.67 -0.02 | 26.51 2.67 -3.33 | 35.47 3.09 -8.99 | 30.02 3.21 -2.30 | 33.63 3.37 -4.94 | 33.63 3.49 -3.52 | 35.68 3.60 -5.01 | 35.73 3.61 -4.99 | 38.15 3.77 -5.82 | 39.42 3.85 -6.83 | 33.61 3.53 -3.93 | 33.93 3.21 -6.92 | 34.70 2.98 -8.98 | 30.74 2.75 -8.04 | 36.07 2.39 -16.25 | 20.64 2.17 -2.39 |