

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/04/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 41.57 | 38.37 | 37.44 | 36.80 | 38.41 | 42.69 | 61.57 | 71.80 | 49.35 | 41.81 | 37.67 | 37.16 | 36.96 | 38.68 | 42.19 | 49.44 | 69.03 | 94.04 | 87.00 | 72.42 | 63.49 | 55.09 | 50.20 | 46.29 |
| 24138 | 3.36 | 2.94 | 2.74 | 2.63 | 2.75 | 3.27 | 4.77 | 6.05 | 3.82 | 3.42 | 3.14 | 3.16 | 3.11 | 3.32 | 3.55 | 3.83 | 4.82 | 6.72 | 5.77 | 4.67 | 4.21 | 3.41 | 3.15 | 2.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 41.64 | 38.40 | 37.51 | 36.83 | 38.49 | 42.73 | 61.57 | 71.74 | 49.35 | 41.81 | 37.67 | 37.13 | 36.96 | 38.68 | 42.19 | 49.44 | 69.03 | 94.04 | 87.00 | 72.49 | 63.55 | 55.15 | 50.30 | 46.42 |
| 24260 | 3.44 | 2.98 | 2.81 | 2.67 | 2.82 | 3.31 | 4.77 | 5.98 | 3.82 | 3.42 | 3.14 | 3.13 | 3.11 | 3.32 | 3.55 | 3.83 | 4.82 | 6.72 | 5.77 | 4.74 | 4.27 | 3.46 | 3.25 | 2.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 41.64 | 38.40 | 37.51 | 36.83 | 38.49 | 42.73 | 61.57 | 71.74 | 49.35 | 41.81 | 37.67 | 37.13 | 36.96 | 38.68 | 42.19 | 49.44 | 69.03 | 94.04 | 87.00 | 72.49 | 63.55 | 55.15 | 50.30 | 46.42 |
| 24261 | 3.44 | 2.98 | 2.81 | 2.67 | 2.82 | 3.31 | 4.77 | 5.98 | 3.82 | 3.42 | 3.14 | 3.13 | 3.11 | 3.32 | 3.55 | 3.83 | 4.82 | 6.72 | 5.77 | 4.74 | 4.27 | 3.46 | 3.25 | 2.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 39.96 | 37.06 | 36.29 | 35.64 | 37.24 | 41.42 | 59.58 | 68.91 | 46.71 | 39.73 | 35.49 | 34.91 | 34.86 | 36.52 | 40.10 | 46.89 | 66.65 | 90.81 | 84.32 | 70.39 | 61.77 | 53.49 | 48.84 | 45.15 |
| 24011 | 1.76 | 1.63 | 1.60 | 1.47 | 1.57 | 2.01 | 2.78 | 3.16 | 1.18 | 1.34 | 0.97 | 0.92 | 1.02 | 1.17 | 1.47 | 1.28 | 2.44 | 3.49 | 3.09 | 2.64 | 2.49 | 1.81 | 1.79 | 1.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 40.04 | 37.16 | 36.40 | 35.71 | 37.31 | 41.54 | 59.75 | 69.10 | 46.75 | 38.92 | 34.77 | 34.17 | 34.15 | 35.78 | 39.33 | 46.89 | 66.84 | 91.07 | 84.57 | 70.59 | 61.95 | 53.70 | 48.98 | 45.28 |
| 23798 | 1.83 | 1.74 | 1.70 | 1.54 | 1.64 | 2.13 | 2.95 | 3.35 | 1.23 | 0.54 | 0.24 | 0.17 | 0.30 | 0.43 | 0.70 | 1.28 | 2.63 | 3.75 | 3.33 | 2.84 | 2.67 | 2.01 | 1.93 | 1.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 39.96 | 37.06 | 36.29 | 35.64 | 37.24 | 41.42 | 59.58 | 68.91 | 46.71 | 39.73 | 35.49 | 34.91 | 34.86 | 36.52 | 40.10 | 46.89 | 66.65 | 90.81 | 84.32 | 70.39 | 61.77 | 53.49 | 48.84 | 45.15 |
| 24028 | 1.76 | 1.63 | 1.60 | 1.47 | 1.57 | 2.01 | 2.78 | 3.16 | 1.18 | 1.34 | 0.97 | 0.92 | 1.02 | 1.17 | 1.47 | 1.28 | 2.44 | 3.49 | 3.09 | 2.64 | 2.49 | 1.81 | 1.79 | 1.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 40.31 | 37.34 | 36.54 | 35.95 | 37.52 | 41.58 | 59.86 | 69.30 | 47.66 | 40.15 | 35.90 | 35.32 | 35.13 | 36.70 | 40.45 | 47.76 | 67.29 | 91.25 | 84.32 | 70.66 | 61.89 | 53.49 | 49.03 | 45.46 |
| 23527 | 2.10 | 1.91 | 1.84 | 1.78 | 1.85 | 2.17 | 3.07 | 3.55 | 2.14 | 1.77 | 1.38 | 1.32 | 1.29 | 1.34 | 1.82 | 2.14 | 3.08 | 3.93 | 3.09 | 2.91 | 2.61 | 1.81 | 1.98 | 1.87 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 39.20 | 36.31 | 35.60 | 34.99 | 36.52 | 40.32 | 58.10 | 67.26 | 45.48 | 38.42 | 34.56 | 34.03 | 34.35 | 35.92 | 39.29 | 46.34 | 65.37 | 88.72 | 82.21 | 68.70 | 60.23 | 52.30 | 47.76 | 44.15 |
| 24190 | 0.99 | 0.89 | 0.90 | 0.82 | 0.86 | 0.91 | 1.31 | 1.51 | -0.05 | 0.04 | 0.03 | 0.03 | 0.51 | 0.57 | 0.66 | 0.73 | 1.16 | 1.40 | 0.97 | 0.95 | 0.95 | 0.62 | 0.71 | 0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 38.17 | 35.39 | 34.63 | 34.14 | 35.60 | 39.34 | 57.03 | 65.88 | 45.61 | 38.35 | 34.45 | 33.89 | 33.71 | 35.14 | 38.52 | 45.43 | 64.34 | 87.23 | 81.56 | 68.02 | 59.70 | 52.10 | 47.61 | 44.15 |
| 355683 | -0.04 | -0.04 | -0.07 | -0.03 | -0.07 | -0.08 | 0.23 | 0.13 | 0.09 | -0.04 | -0.07 | -0.10 | -0.14 | -0.21 | -0.12 | -0.18 | 0.13 | -0.09 | 0.32 | 0.27 | 0.41 | 0.41 | 0.56 | 0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 39.77 | 36.88 | 36.16 | 35.50 | 37.06 | 40.99 | 59.01 | 68.19 | 46.25 | 38.81 | 34.83 | 34.27 | 34.35 | 35.95 | 39.44 | 46.80 | 66.26 | 90.20 | 83.67 | 69.85 | 61.24 | 53.23 | 48.55 | 44.89 |
| 323833 | 1.57 | 1.45 | 1.46 | 1.33 | 1.39 | 1.58 | 2.21 | 2.43 | 0.73 | 0.42 | 0.31 | 0.27 | 0.51 | 0.60 | 0.81 | 1.18 | 2.05 | 2.88 | 2.43 | 2.10 | 1.95 | 1.55 | 1.51 | 1.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 39.77 | 36.88 | 36.16 | 35.50 | 37.06 | 40.99 | 59.01 | 68.19 | 46.21 | 38.81 | 34.83 | 34.27 | 34.35 | 35.95 | 39.44 | 46.80 | 66.26 | 90.11 | 83.67 | 69.85 | 61.24 | 53.18 | 48.51 | 44.89 |
| 323834 | 1.57 | 1.45 | 1.46 | 1.33 | 1.39 | 1.58 | 2.21 | 2.43 | 0.68 | 0.42 | 0.31 | 0.27 | 0.51 | 0.60 | 0.81 | 1.18 | 2.05 | 2.79 | 2.43 | 2.10 | 1.95 | 1.50 | 1.46 | 1.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 39.20 | 36.31 | 35.60 | 34.99 | 36.52 | 40.32 | 58.10 | 67.26 | 45.48 | 38.42 | 34.56 | 34.03 | 34.35 | 35.92 | 39.29 | 46.34 | 65.37 | 88.72 | 82.21 | 68.70 | 60.23 | 52.30 | 47.76 | 44.15 |
| 23571 | 0.99 | 0.89 | 0.90 | 0.82 | 0.86 | 0.91 | 1.31 | 1.51 | -0.05 | 0.04 | 0.03 | 0.03 | 0.51 | 0.57 | 0.66 | 0.73 | 1.16 | 1.40 | 0.97 | 0.95 | 0.95 | 0.62 | 0.71 | 0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 39.20 0.99 0.00 | 36.31 0.89 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.86 0.00 | 40.32 0.91 0.00 | 58.10 1.31 0.00 | 67.26 1.51 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.03 0.03 0.00 | 34.35 0.51 0.00 | 35.92 0.57 0.00 | 39.29 0.66 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.72 1.40 0.00 | 82.21 0.97 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.30 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| ALBANY___3 23573 | 39.20 0.99 0.00 | 36.31 0.89 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.86 0.00 | 40.32 0.91 0.00 | 58.10 1.31 0.00 | 67.26 1.51 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.03 0.03 0.00 | 34.35 0.51 0.00 | 35.92 0.57 0.00 | 39.29 0.66 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.72 1.40 0.00 | 82.21 0.97 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.30 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| ALBANY___4 23574 | 39.20 0.99 0.00 | 36.31 0.89 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.86 0.00 | 40.32 0.91 0.00 | 58.10 1.31 0.00 | 67.26 1.51 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.03 0.03 0.00 | 34.35 0.51 0.00 | 35.92 0.57 0.00 | 39.29 0.66 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.72 1.40 0.00 | 82.21 0.97 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.30 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| ALBANY___LFGE 323615 | 39.50 1.30 0.00 | 36.63 1.21 0.00 | 35.88 1.18 0.00 | 35.30 1.13 0.00 | 36.81 1.14 0.00 | 40.71 1.30 0.00 | 58.62 1.82 0.00 | 67.92 2.17 0.00 | 45.71 0.18 0.00 | 38.54 0.15 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 34.55 0.71 0.00 | 36.13 0.78 0.00 | 39.60 0.97 0.00 | 46.75 1.14 0.00 | 65.94 1.73 0.00 | 89.50 2.18 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.70 1.42 0.00 | 52.72 1.03 0.00 | 48.08 1.03 0.00 | 44.50 0.92 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 38.43 0.23 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.37 0.21 0.00 | 35.85 0.18 0.00 | 39.65 0.24 0.00 | 57.48 0.68 0.00 | 66.34 0.59 0.00 | 45.93 0.41 0.00 | 38.58 0.19 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 33.88 0.03 0.00 | 35.35 0.00 0.00 | 38.71 0.08 0.00 | 45.70 0.09 0.00 | 64.72 0.51 0.00 | 87.75 0.44 0.00 | 82.05 0.81 0.00 | 68.49 0.75 0.00 | 60.11 0.83 0.00 | 52.51 0.83 0.00 | 47.99 0.94 0.00 | 44.54 0.96 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 38.43 0.23 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.37 0.21 0.00 | 35.85 0.18 0.00 | 39.65 0.24 0.00 | 57.48 0.68 0.00 | 66.34 0.59 0.00 | 45.93 0.41 0.00 | 38.58 0.19 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 33.88 0.03 0.00 | 35.35 0.00 0.00 | 38.71 0.08 0.00 | 45.70 0.09 0.00 | 64.72 0.51 0.00 | 87.75 0.44 0.00 | 82.05 0.81 0.00 | 68.49 0.75 0.00 | 60.11 0.83 0.00 | 52.51 0.83 0.00 | 47.99 0.94 0.00 | 44.54 0.96 0.00 |
| ALCOA___DSASP 323711 | 38.43 0.23 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.37 0.21 0.00 | 35.85 0.18 0.00 | 39.65 0.24 0.00 | 57.48 0.68 0.00 | 66.34 0.59 0.00 | 45.93 0.41 0.00 | 38.58 0.19 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 33.88 0.03 0.00 | 35.35 0.00 0.00 | 38.71 0.08 0.00 | 45.70 0.09 0.00 | 64.72 0.51 0.00 | 87.75 0.44 0.00 | 82.05 0.81 0.00 | 68.49 0.75 0.00 | 60.11 0.83 0.00 | 52.51 0.83 0.00 | 47.99 0.94 0.00 | 44.54 0.96 0.00 |
| ALLEGHENY___COGEN 23514 | 37.33 -0.88 0.00 | 34.47 -0.95 0.00 | 33.94 -0.76 0.00 | 33.62 -0.55 0.00 | 35.06 -0.61 0.00 | 38.94 -0.47 0.00 | 55.43 -1.36 0.00 | 63.45 -2.30 0.00 | 43.25 -2.27 0.00 | 36.77 -1.61 0.00 | 32.93 -1.59 0.00 | 32.40 -1.60 0.00 | 32.08 -1.76 0.00 | 33.55 -1.80 0.00 | 36.55 -2.09 0.00 | 43.21 -2.37 0.03 | 61.36 -2.82 0.03 | 85.11 -2.18 0.03 | 80.50 -0.73 0.00 | 65.99 -1.76 0.00 | 57.18 -2.08 0.03 | 50.24 -1.45 0.00 | 44.95 -2.07 0.03 | 42.02 -1.57 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 39.39 1.18 0.00 | 36.45 1.03 0.00 | 35.74 1.04 0.00 | 35.16 0.99 0.00 | 36.70 1.03 0.00 | 40.56 1.14 0.00 | 58.39 1.59 0.00 | 67.66 1.91 0.00 | 46.34 0.82 0.00 | 39.11 0.73 0.00 | 35.14 0.62 0.00 | 34.61 0.61 0.00 | 34.59 0.74 0.00 | 36.17 0.81 0.00 | 39.56 0.93 0.00 | 46.66 1.05 0.00 | 65.69 1.48 0.00 | 89.15 1.83 0.00 | 82.70 1.46 0.00 | 69.10 1.35 0.00 | 60.59 1.30 0.00 | 52.61 0.93 0.00 | 47.99 0.94 0.00 | 44.41 0.83 0.00 |
| ALTONA_WT_PWR 323606 | 37.06 -1.15 0.00 | 34.37 -1.06 0.00 | 33.55 -1.14 0.00 | 33.11 -1.06 0.00 | 34.52 -1.14 0.00 | 38.23 -1.18 0.00 | 55.55 -1.25 0.00 | 64.11 -1.64 0.00 | 44.48 -1.05 0.00 | 37.31 -1.07 0.00 | 33.49 -1.03 0.00 | 32.88 -1.12 0.00 | 32.66 -1.19 0.00 | 34.08 -1.27 0.00 | 37.39 -1.24 0.00 | 44.20 -1.41 0.00 | 62.80 -1.41 0.00 | 85.57 -1.75 0.00 | 80.18 -1.06 0.00 | 66.94 -0.81 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.05 0.00 0.00 | 43.71 0.13 0.00 |
| AMERICAN_REF_FUEL 24010 | 35.23 -2.98 0.00 | 32.73 -2.69 0.00 | 32.24 -2.46 0.00 | 31.98 -2.19 0.00 | 33.14 -2.53 0.00 | 36.22 -3.19 0.00 | 49.70 -7.10 0.00 | 56.61 -9.14 0.00 | 39.51 -6.01 0.00 | 34.74 -3.65 0.00 | 31.31 -3.21 0.00 | 30.83 -3.16 0.00 | 30.66 -3.18 0.00 | 32.03 -3.32 0.00 | 34.73 -3.90 0.00 | 40.58 -5.02 0.02 | 56.36 -7.84 0.02 | 76.65 -10.66 0.02 | 72.22 -9.02 0.00 | 59.35 -8.40 0.00 | 51.38 -7.88 0.02 | 45.53 -6.15 0.00 | 40.97 -6.07 0.02 | 38.57 -5.01 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 34.65 -3.55 0.00 | 32.13 -3.29 0.00 | 31.64 -3.05 0.00 | 31.47 -2.70 0.00 | 32.78 -2.89 0.00 | 36.14 -3.27 0.00 | 50.84 -5.96 0.00 | 57.93 -7.83 0.00 | 40.20 -5.33 0.00 | 34.97 -3.42 0.00 | 31.35 -3.18 0.00 | 30.77 -3.23 0.00 | 30.53 -3.32 0.00 | 31.85 -3.50 0.00 | 34.61 -4.02 0.00 | 40.62 -4.97 0.02 | 57.13 -7.06 0.02 | 78.39 -8.91 0.02 | 74.09 -7.15 0.00 | 61.11 -6.64 0.00 | 53.10 -6.17 0.02 | 46.82 -4.86 0.00 | 42.19 -4.85 0.02 | 39.40 -4.18 0.00 |
| ARTHUR KILL_GT_1 23520 | 42.30 4.09 -0.01 | 39.01 3.58 -0.01 | 38.11 3.40 -0.01 | 37.45 3.28 0.00 | 39.09 3.42 0.00 | 43.12 3.70 0.00 | 60.94 4.15 0.00 | 70.68 4.93 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 42.07 3.44 0.00 | 49.35 3.74 0.00 | 67.73 3.53 0.01 | 92.55 5.24 0.01 | 85.86 4.63 0.01 | 71.47 3.73 0.01 | 62.66 3.38 0.00 | 54.84 3.15 0.00 | 50.72 3.67 0.00 | 47.03 3.44 0.00 |
| ARTHUR_KILL_2 23512 | 42.19 3.97 -0.01 | 38.94 3.51 -0.01 | 38.04 3.33 -0.01 | 37.35 3.18 0.00 | 38.95 3.28 0.00 | 43.04 3.62 0.00 | 60.77 3.97 0.00 | 70.48 4.74 0.01 | 48.95 3.42 -0.01 | 41.50 3.11 -0.01 | 37.39 2.86 -0.01 | 36.93 2.92 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.96 3.32 0.00 | 49.21 3.60 0.00 | 67.60 3.40 0.01 | 92.28 4.97 0.01 | 85.53 4.30 0.01 | 71.19 3.45 0.01 | 62.36 3.08 0.00 | 54.78 3.10 0.00 | 50.58 3.53 0.00 | 46.89 3.31 0.00 |
| ARTHUR_KILL_3 23513 | 41.37 3.17 0.00 | 38.19 2.77 0.00 | 37.27 2.57 0.00 | 36.60 2.43 0.00 | 38.20 2.53 0.00 | 42.49 3.08 0.00 | 61.23 4.43 0.00 | 71.34 5.59 0.00 | 49.12 3.60 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 37.03 3.02 0.00 | 36.86 3.01 0.00 | 38.54 3.18 0.00 | 42.03 3.40 0.00 | 49.21 3.60 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 42.30 4.09 -0.01 | 39.05 3.62 -0.01 | 38.14 3.44 -0.01 | 37.45 3.28 0.00 | 39.06 3.39 0.00 | 43.12 3.70 0.00 | 60.94 4.14 0.00 | 70.68 4.93 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.50 2.97 -0.01 | 37.03 3.02 -0.01 | 36.86 3.01 -0.01 | 38.57 3.22 -0.01 | 42.07 3.44 0.00 | 49.35 3.74 0.00 | 67.73 3.53 0.01 | 92.55 5.24 0.01 | 85.86 4.63 0.01 | 71.40 3.66 0.01 | 62.54 3.26 0.00 | 54.94 3.26 0.00 | 50.72 3.67 0.00 | 47.03 3.44 0.00 |
| ASHOKAN____ 23654 | 40.19 1.99 0.00 | 37.20 1.77 0.00 | 36.40 1.70 0.00 | 35.64 1.47 0.00 | 37.27 1.61 0.00 | 41.27 1.85 0.00 | 59.75 2.95 0.00 | 68.84 3.09 0.00 | 46.75 1.23 0.00 | 39.00 0.61 0.00 | 34.90 0.38 0.00 | 34.30 0.31 0.00 | 34.32 0.47 0.00 | 35.88 0.53 0.00 | 39.29 0.66 0.00 | 46.75 1.14 0.00 | 66.78 2.57 0.00 | 91.60 4.28 0.00 | 85.05 3.82 0.00 | 70.80 3.05 0.00 | 62.01 2.73 0.00 | 53.80 2.12 0.00 | 49.07 2.02 0.00 | 45.24 1.66 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.65 2.95 -0.01 | 36.97 2.80 0.00 | 38.56 2.89 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.98 3.46 0.00 | 41.53 3.15 0.00 | 37.45 2.93 0.00 | 36.99 2.99 0.00 | 36.82 2.98 0.00 | 38.49 3.15 0.00 | 41.87 3.25 0.01 | 49.03 3.42 0.01 | 67.92 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.38 0.01 | 71.26 3.52 0.01 | 62.65 3.38 0.01 | 54.46 2.79 0.01 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 41.77 3.55 -0.01 | 38.55 3.12 -0.01 | 37.65 2.95 -0.01 | 36.94 2.77 0.00 | 38.56 2.89 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.61 4.87 0.01 | 48.98 3.46 0.00 | 41.53 3.15 0.00 | 37.45 2.93 0.00 | 36.95 2.96 0.00 | 36.82 2.98 0.00 | 38.49 3.15 0.00 | 41.83 3.20 0.01 | 48.98 3.38 0.01 | 67.92 3.72 0.01 | 92.55 5.24 0.01 | 85.53 4.30 0.01 | 71.26 3.52 0.01 | 62.59 3.32 0.01 | 54.46 2.79 0.01 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT2_1 24094 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT2_2 24095 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT2_3 24096 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT2_4 24097 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT3_1 24098 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT3_2 24099 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT3_3 24100 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT3_4 24101 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT4_1 24102 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT4_2 24103 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT4_3 24104 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA_GT_1 23523 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.53 3.00 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.05 3.85 0.01 | 92.72 5.41 0.01 | 85.78 4.55 0.01 | 71.47 3.73 0.01 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 50.20 3.15 0.00 | 46.55 2.96 0.00 |
| ASTORIA_GT_10 24110 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.18 3.98 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.15 3.11 0.00 | 46.42 2.83 0.00 |
| ASTORIA_GT_11 24225 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.18 3.98 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.15 3.11 0.00 | 46.42 2.83 0.00 |
| ASTORIA_GT_12 24226 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.18 3.98 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.15 3.11 0.00 | 46.42 2.83 0.00 |
| ASTORIA_GT_13 24227 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.18 3.98 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.15 3.11 0.00 | 46.42 2.83 0.00 |
| ASTORIA_GT_5 24106 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.53 3.00 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.05 3.85 0.01 | 92.72 5.41 0.01 | 85.78 4.55 0.01 | 71.47 3.73 0.01 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 50.20 3.15 0.00 | 46.55 2.96 0.00 |
| ASTORIA_GT_7 24107 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.53 3.00 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.05 3.85 0.01 | 92.72 5.41 0.01 | 85.78 4.55 0.01 | 71.47 3.73 0.01 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 50.20 3.15 0.00 | 46.55 2.96 0.00 |
| ASTORIA_GT_8 24108 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.53 3.00 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.05 3.85 0.01 | 92.72 5.41 0.01 | 85.78 4.55 0.01 | 71.47 3.73 0.01 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 50.20 3.15 0.00 | 46.55 2.96 0.00 |
| ASTORIA___2 24149 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.65 2.95 -0.01 | 36.97 2.80 0.00 | 38.56 2.89 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.98 3.46 0.00 | 41.53 3.15 0.00 | 37.45 2.93 0.00 | 36.99 2.99 0.00 | 36.82 2.98 0.00 | 38.49 3.15 0.00 | 41.87 3.25 0.01 | 49.03 3.42 0.01 | 67.92 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.38 0.01 | 71.26 3.52 0.01 | 62.65 3.38 0.01 | 54.46 2.79 0.01 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| ASTORIA___3 23516 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.48 2.82 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 70.94 5.19 0.01 | 49.03 3.51 -0.01 | 41.57 3.18 -0.01 | 37.50 2.97 -0.01 | 37.03 3.02 -0.01 | 36.86 3.01 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.25 4.05 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.78 3.10 0.00 | 50.15 3.10 0.00 | 46.41 2.83 0.00 |
| ASTORIA___4 23517 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.18 3.98 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.15 3.11 0.00 | 46.42 2.83 0.00 |
| ASTORIA___5 23518 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.59 2.88 -0.01 | 36.90 2.73 0.00 | 38.48 2.82 0.00 | 42.65 3.23 0.00 | 61.06 4.26 0.00 | 70.94 5.19 0.01 | 49.03 3.51 -0.01 | 41.57 3.18 -0.01 | 37.50 2.97 -0.01 | 37.03 3.02 -0.01 | 36.86 3.01 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.25 4.05 0.01 | 92.90 5.59 0.01 | 85.94 4.71 0.01 | 71.60 3.86 0.01 | 62.90 3.62 0.00 | 54.78 3.10 0.00 | 50.15 3.10 0.00 | 46.41 2.83 0.00 |
| AST_ENERGY_2_CC3 323677 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.65 2.95 -0.01 | 36.97 2.80 0.00 | 38.56 2.89 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.98 3.46 0.00 | 41.53 3.15 0.00 | 37.45 2.93 0.00 | 36.99 2.99 0.00 | 36.82 2.98 0.00 | 38.49 3.15 0.00 | 41.87 3.25 0.01 | 49.03 3.42 0.01 | 67.92 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.38 0.01 | 71.26 3.52 0.01 | 62.65 3.38 0.01 | 54.46 2.79 0.01 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| AST_ENERGY_2_CC4 323678 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.65 2.95 -0.01 | 36.97 2.80 0.00 | 38.56 2.89 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.98 3.46 0.00 | 41.53 3.15 0.00 | 37.45 2.93 0.00 | 36.99 2.99 0.00 | 36.82 2.98 0.00 | 38.49 3.15 0.00 | 41.87 3.25 0.01 | 49.03 3.42 0.01 | 67.92 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.38 0.01 | 71.26 3.52 0.01 | 62.65 3.38 0.01 | 54.46 2.79 0.01 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|
| ATHENS_STG_1 23668 | 39.88 1.68 0.00 | 36.91 1.49 0.00 | 36.16 1.46 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.18 2.39 0.00 | 68.64 2.89 0.00 | 47.21 1.69 0.00 | 39.84 1.46 0.00 | 35.83 1.31 0.00 | 35.29 1.29 0.00 | 35.16 1.32 0.00 | 36.73 1.38 0.00 | 40.18 1.55 0.00 | 47.30 1.69 0.00 | 66.59 2.38 0.00 | 90.37 3.05 0.00 | 83.83 2.60 0.00 | 69.98 2.23 0.00 | 61.36 2.07 0.00 | 53.34 1.65 0.00 | 48.60 1.55 0.00 | 44.89 1.31 0.00 |
| ATHENS_STG_2 23670 | 39.88 1.68 0.00 | 36.91 1.49 0.00 | 36.16 1.46 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.18 2.39 0.00 | 68.64 2.89 0.00 | 47.21 1.69 0.00 | 39.84 1.46 0.00 | 35.83 1.31 0.00 | 35.29 1.29 0.00 | 35.16 1.32 0.00 | 36.73 1.38 0.00 | 40.18 1.55 0.00 | 47.30 1.69 0.00 | 66.59 2.38 0.00 | 90.37 3.05 0.00 | 83.83 2.60 0.00 | 69.98 2.23 0.00 | 61.36 2.07 0.00 | 53.34 1.65 0.00 | 48.60 1.55 0.00 | 44.89 1.31 0.00 |
| ATHENS_STG_3 23677 | 39.88 1.68 0.00 | 36.91 1.49 0.00 | 36.16 1.46 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.18 2.39 0.00 | 68.64 2.89 0.00 | 47.21 1.69 0.00 | 39.84 1.46 0.00 | 35.83 1.31 0.00 | 35.29 1.29 0.00 | 35.16 1.32 0.00 | 36.73 1.38 0.00 | 40.18 1.55 0.00 | 47.30 1.69 0.00 | 66.59 2.38 0.00 | 90.37 3.05 0.00 | 83.83 2.60 0.00 | 69.98 2.23 0.00 | 61.36 2.07 0.00 | 53.34 1.65 0.00 | 48.60 1.55 0.00 | 44.89 1.31 0.00 |
| AUBURN___LFGE 323710 | 37.82 -0.38 0.00 | 35.11 -0.32 0.00 | 34.32 -0.38 0.00 | 33.83 -0.34 0.00 | 35.38 -0.29 0.00 | 39.22 -0.20 0.00 | 56.46 -0.34 0.00 | 65.29 -0.46 0.00 | 44.98 -0.55 0.00 | 37.85 -0.54 0.00 | 34.07 -0.45 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.93 -0.42 0.00 | 38.05 -0.58 0.00 | 45.12 -0.50 -0.01 | 63.45 -0.77 -0.01 | 86.80 -0.52 -0.01 | 80.83 -0.41 0.00 | 67.21 -0.54 0.00 | 58.58 -0.71 -0.01 | 51.11 -0.57 0.00 | 46.26 -0.80 -0.01 | 42.84 -0.74 0.00 |
| BABYLON_RES_REC 323704 | 40.84 2.63 0.00 | 37.52 2.09 0.00 | 36.47 1.77 0.00 | 35.78 1.61 0.00 | 37.48 1.82 0.00 | 41.86 2.44 0.00 | 59.94 3.47 0.32 | 69.46 4.34 0.63 | 47.93 2.41 0.01 | 40.37 2.38 0.40 | 36.90 2.38 0.01 | 36.42 2.55 0.12 | 36.34 2.54 0.05 | 38.11 2.76 0.01 | 41.61 2.97 0.00 | 47.80 2.23 0.05 | 66.76 3.21 0.66 | 89.87 3.93 1.39 | 83.47 3.41 1.18 | 70.90 3.93 0.77 | 61.89 3.08 0.48 | 53.78 2.33 0.23 | 48.77 1.83 0.12 | 44.89 1.70 0.39 |
| BALL_HILL_WT_PWR 323825 | 35.42 -2.79 0.00 | 32.84 -2.58 0.00 | 32.34 -2.36 0.00 | 32.12 -2.05 0.00 | 33.38 -2.28 0.00 | 36.65 -2.76 0.00 | 51.29 -5.51 0.00 | 58.32 -7.43 0.00 | 40.52 -5.01 0.00 | 35.35 -3.03 0.00 | 31.79 -2.73 0.00 | 31.27 -2.72 0.00 | 31.07 -2.77 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.26 -4.33 0.02 | 57.77 -6.42 0.02 | 79.00 -8.30 0.02 | 74.41 -6.82 0.00 | 61.24 -6.50 0.00 | 53.22 -6.05 0.02 | 46.88 -4.80 0.00 | 42.23 -4.80 0.02 | 39.53 -4.05 0.00 |
| BARON_WINDS___WT_PWR 323822 | 35.68 -2.52 0.00 | 33.05 -2.37 0.00 | 32.62 -2.08 0.00 | 32.32 -1.85 0.00 | 33.71 -1.96 0.00 | 37.21 -2.21 0.00 | 52.48 -4.32 0.00 | 60.49 -5.26 0.00 | 41.61 -3.92 0.00 | 35.58 -2.80 0.00 | 31.93 -2.59 0.00 | 31.41 -2.59 0.00 | 31.17 -2.67 0.00 | 32.63 -2.72 0.00 | 35.46 -3.17 0.00 | 41.34 -4.24 0.04 | 58.52 -5.65 0.04 | 80.12 -7.16 0.04 | 75.39 -5.85 0.00 | 62.26 -5.49 0.00 | 54.15 -5.10 0.04 | 47.50 -4.18 0.00 | 42.87 -4.14 0.04 | 40.05 -3.53 0.00 |
| BARRETT_IC_1 23704 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_10 23701 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_11 23702 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_12 23703 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_2 23705 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_3 23706 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_4 23707 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_5 23708 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |

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| BARRETT_IC_6 23709 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_7 23710 | 40.88 2.67 0.00 | 37.55 2.13 0.00 | 36.57 1.87 0.00 | 35.91 1.74 0.00 | 37.59 1.93 0.00 | 41.90 2.48 0.00 | 60.21 3.41 0.00 | 70.09 4.34 0.00 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.51 2.52 0.01 | 36.34 2.50 0.01 | 38.03 2.69 0.01 | 41.53 2.90 0.00 | 48.26 2.65 0.00 | 68.28 3.98 -0.08 | 92.03 4.72 0.00 | 86.44 5.12 -0.09 | 72.57 4.74 -0.08 | 62.98 3.62 -0.08 | 54.40 2.64 -0.08 | 48.93 1.88 0.00 | 45.37 1.79 0.00 |
| BARRETT_IC_8 23711 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT_IC_9 23700 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT___1 23545 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BARRETT___2 23546 | 40.89 2.67 -0.01 | 37.60 2.16 -0.01 | 36.58 1.87 -0.01 | 35.92 1.74 -0.01 | 37.60 1.92 -0.01 | 41.91 2.48 -0.01 | 60.21 3.41 -0.01 | 70.10 4.34 -0.01 | 48.02 2.50 0.01 | 40.91 2.53 0.01 | 36.97 2.45 0.01 | 36.61 2.62 0.01 | 36.44 2.61 0.01 | 38.14 2.79 0.01 | 41.53 2.90 0.00 | 48.26 2.64 -0.01 | 68.34 4.05 -0.08 | 92.03 4.71 0.00 | 85.55 4.22 -0.09 | 72.57 4.74 -0.08 | 63.05 3.68 -0.08 | 54.50 2.74 -0.08 | 48.94 1.88 -0.01 | 45.29 1.70 -0.01 |
| BATAVIA__115KV_TB1 55881 | 36.37 -1.83 0.00 | 33.94 -1.49 0.00 | 33.03 -1.67 0.00 | 32.94 -1.23 0.00 | 34.17 -1.50 0.00 | 37.72 -1.69 0.00 | 52.54 -4.26 0.00 | 59.70 -6.05 0.00 | 41.65 -3.87 0.00 | 35.77 -2.61 0.00 | 32.48 -2.04 0.00 | 32.09 -1.90 0.00 | 31.88 -1.96 0.00 | 33.26 -2.09 0.00 | 36.12 -2.51 0.00 | 42.45 -3.15 0.01 | 59.32 -4.88 0.01 | 81.45 -5.85 0.01 | 76.44 -4.79 0.00 | 62.67 -5.08 0.00 | 54.35 -4.92 0.01 | 48.22 -3.46 0.00 | 42.99 -4.05 0.01 | 40.36 -3.23 0.00 |
| BAYONEEC___CTG1 323682 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG10 323750 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG2 323683 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG3 323684 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG4 323685 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG5 323686 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG6 323687 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG7 323688 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |

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| BAYONEEC___CTG8 323689 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BAYONEEC___CTG9 323749 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.09 4.34 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| BEACON___LESR 323632 | 39.62 1.41 0.00 | 36.74 1.31 0.00 | 36.02 1.32 0.00 | 35.40 1.23 0.00 | 36.92 1.25 0.00 | 40.87 1.46 0.00 | 58.90 2.10 0.00 | 68.19 2.43 0.00 | 45.93 0.41 0.00 | 38.69 0.31 0.00 | 34.77 0.24 0.00 | 34.24 0.24 0.00 | 34.62 0.78 0.00 | 36.20 0.85 0.00 | 39.68 1.04 0.00 | 46.89 1.28 0.00 | 66.26 2.05 0.00 | 90.03 2.71 0.00 | 83.43 2.19 0.00 | 69.71 1.97 0.00 | 61.06 1.78 0.00 | 52.98 1.29 0.00 | 48.37 1.32 0.00 | 44.71 1.13 0.00 |
| BEAVER RIVER___HYD 24048 | 38.09 -0.11 0.00 | 35.43 0.00 0.00 | 34.63 -0.07 0.00 | 34.03 -0.14 0.00 | 35.70 0.04 0.00 | 39.53 0.12 0.00 | 57.14 0.34 0.00 | 65.95 0.20 0.00 | 45.16 -0.37 0.00 | 37.69 -0.69 0.00 | 33.97 -0.55 0.00 | 33.39 -0.61 0.00 | 33.23 -0.61 0.00 | 34.68 -0.67 0.00 | 37.90 -0.74 0.00 | 45.11 -0.50 0.00 | 64.02 -0.19 0.00 | 87.23 -0.09 0.00 | 81.64 0.41 0.00 | 68.16 0.41 0.00 | 59.46 0.18 0.00 | 52.25 0.57 0.00 | 47.57 0.52 0.00 | 43.97 0.39 0.00 |
| BEEBEE_GT_13 23619 | 36.64 -1.57 0.00 | 34.08 -1.35 0.00 | 33.41 -1.28 0.00 | 33.01 -1.16 0.00 | 34.31 -1.36 0.00 | 37.96 -1.46 0.00 | 53.67 -3.12 0.00 | 61.48 -4.27 0.00 | 42.75 -2.78 0.00 | 36.54 -1.84 0.00 | 33.14 -1.38 0.00 | 32.74 -1.26 0.00 | 32.56 -1.29 0.00 | 33.97 -1.38 0.00 | 36.97 -1.66 0.00 | 43.55 -2.05 0.01 | 60.80 -3.40 0.01 | 83.21 -4.10 0.01 | 77.74 -3.49 0.00 | 64.09 -3.66 0.00 | 55.66 -3.62 0.01 | 49.10 -2.58 0.00 | 43.94 -3.11 0.01 | 41.06 -2.53 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 42.03 3.82 -0.01 | 38.77 3.33 -0.01 | 37.86 3.16 -0.01 | 37.18 3.01 0.00 | 38.81 3.14 0.00 | 42.92 3.51 0.00 | 61.17 4.37 0.00 | 71.14 5.39 0.01 | 49.17 3.64 -0.01 | 41.69 3.30 -0.01 | 37.57 3.04 -0.01 | 37.06 3.06 -0.01 | 36.89 3.05 -0.01 | 38.61 3.25 -0.01 | 42.15 3.52 0.00 | 49.40 3.79 0.00 | 68.31 4.11 0.01 | 93.25 5.94 0.01 | 86.43 5.20 0.01 | 71.87 4.13 0.01 | 63.08 3.79 0.00 | 54.99 3.31 0.00 | 50.58 3.53 0.00 | 46.76 3.18 0.00 |
| BETHLEHEM___GRP 23843 | 39.20 0.99 0.00 | 36.31 0.89 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.86 0.00 | 40.32 0.91 0.00 | 58.10 1.31 0.00 | 67.26 1.51 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.03 0.03 0.00 | 34.35 0.51 0.00 | 35.92 0.57 0.00 | 39.29 0.66 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.72 1.40 0.00 | 82.21 0.97 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.30 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| BETHLEHEM___GS1 323560 | 39.16 0.96 0.00 | 36.35 0.92 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.85 0.00 | 40.32 0.91 0.00 | 58.11 1.31 0.00 | 67.27 1.51 0.00 | 45.48 -0.05 0.00 | 38.38 0.00 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 34.35 0.51 0.00 | 35.92 0.56 0.00 | 39.33 0.70 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.71 1.39 0.00 | 82.21 0.98 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.31 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| BETHLEHEM___GS2 323561 | 39.16 0.96 0.00 | 36.35 0.92 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.85 0.00 | 40.32 0.91 0.00 | 58.11 1.31 0.00 | 67.27 1.51 0.00 | 45.48 -0.05 0.00 | 38.38 0.00 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 34.35 0.51 0.00 | 35.92 0.56 0.00 | 39.33 0.70 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.71 1.39 0.00 | 82.21 0.98 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.31 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| BETHLEHEM___GS3 323562 | 39.16 0.96 0.00 | 36.35 0.92 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.52 0.85 0.00 | 40.32 0.91 0.00 | 58.11 1.31 0.00 | 67.27 1.51 0.00 | 45.48 -0.05 0.00 | 38.38 0.00 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 34.35 0.51 0.00 | 35.92 0.56 0.00 | 39.33 0.70 0.00 | 46.34 0.73 0.00 | 65.37 1.16 0.00 | 88.71 1.39 0.00 | 82.21 0.98 0.00 | 68.70 0.95 0.00 | 60.23 0.95 0.00 | 52.31 0.62 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| BETHLEHEM___STEEL 23779 | 35.42 -2.79 0.00 | 33.09 -2.34 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.38 -2.28 0.00 | 36.69 -2.72 0.00 | 51.12 -5.68 0.00 | 57.93 -7.82 0.00 | 40.56 -4.96 0.00 | 35.01 -3.38 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.26 -4.33 0.02 | 57.90 -6.29 0.02 | 78.83 -8.47 0.02 | 74.09 -7.15 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 47.03 -4.65 0.00 | 42.23 -4.80 0.02 | 39.49 -4.10 0.00 |
| BETHLHEM_115KV_TB1 79974 | 39.27 1.07 0.00 | 36.38 0.96 0.00 | 35.64 0.94 0.00 | 35.06 0.89 0.00 | 36.56 0.89 0.00 | 40.40 0.99 0.00 | 58.16 1.36 0.00 | 67.40 1.64 0.00 | 45.71 0.18 0.00 | 38.62 0.23 0.00 | 34.69 0.17 0.00 | 34.17 0.17 0.00 | 34.42 0.58 0.00 | 35.99 0.64 0.00 | 39.37 0.73 0.00 | 46.43 0.82 0.00 | 65.49 1.28 0.00 | 88.89 1.57 0.00 | 82.37 1.14 0.00 | 68.83 1.08 0.00 | 60.35 1.07 0.00 | 52.41 0.72 0.00 | 47.80 0.75 0.00 | 44.24 0.65 0.00 |
| BETHPAGE_CC_5 323564 | 40.76 2.56 0.00 | 37.48 2.05 0.00 | 36.43 1.73 0.00 | 35.78 1.61 0.00 | 37.45 1.78 0.00 | 41.78 2.36 0.00 | 59.76 3.18 0.22 | 69.40 4.08 0.43 | 47.84 2.32 0.01 | 40.56 2.38 0.21 | 36.90 2.38 0.01 | 36.48 2.55 0.07 | 36.36 2.54 0.03 | 38.11 2.76 0.01 | 41.57 2.93 0.00 | 48.09 2.51 0.03 | 67.56 3.79 0.44 | 91.09 4.71 0.94 | 84.50 4.06 0.80 | 71.70 4.47 0.52 | 62.34 3.38 0.32 | 54.17 2.63 0.15 | 48.77 1.79 0.07 | 45.17 1.79 0.20 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 35.42 -2.79 0.00 | 33.09 -2.34 0.00 | 32.37 -2.32 0.00 | 32.15 -2.02 0.00 | 33.38 -2.28 0.00 | 36.73 -2.68 0.00 | 51.18 -5.62 0.00 | 58.12 -7.63 0.00 | 40.61 -4.92 0.00 | 35.04 -3.34 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.07 -2.78 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.31 -4.29 0.02 | 58.16 -6.04 0.02 | 79.09 -8.21 0.02 | 74.33 -6.91 0.00 | 61.24 -6.50 0.00 | 53.28 -5.99 0.02 | 47.19 -4.50 0.00 | 42.42 -4.61 0.02 | 39.57 -4.01 0.00 |
| BINGHAMTON___COGEN 23790 | 38.21 0.00 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.20 0.03 0.00 | 35.74 0.07 0.00 | 39.53 0.12 0.00 | 56.74 -0.06 0.00 | 65.55 -0.20 0.00 | 45.16 -0.36 0.00 | 38.15 -0.23 0.00 | 34.31 -0.21 0.00 | 33.79 -0.20 0.00 | 33.61 -0.24 0.00 | 35.18 -0.18 0.00 | 38.36 -0.27 0.00 | 45.24 -0.36 0.00 | 63.76 -0.45 0.00 | 86.88 -0.44 0.00 | 80.83 -0.41 0.00 | 67.27 -0.47 0.00 | 58.75 -0.53 0.00 | 51.27 -0.41 0.00 | 46.48 -0.56 0.00 | 43.06 -0.52 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 34.35 -3.86 0.00 | 32.10 -3.33 0.00 | 31.51 -3.19 0.00 | 31.37 -2.80 0.00 | 32.81 -2.85 0.00 | 36.14 -3.27 0.00 | 50.78 -6.02 0.00 | 57.53 -8.22 0.00 | 39.97 -5.55 0.00 | 34.31 -4.07 0.00 | 30.96 -3.56 0.00 | 30.39 -3.60 0.00 | 30.15 -3.69 0.00 | 31.64 -3.71 0.00 | 34.38 -4.25 0.00 | 40.48 -5.11 0.02 | 57.51 -6.68 0.02 | 78.13 -9.17 0.02 | 73.52 -7.72 0.00 | 60.63 -7.11 0.00 | 52.86 -6.40 0.02 | 46.77 -4.91 0.00 | 42.28 -4.75 0.02 | 39.40 -4.18 0.00 |
| BLACK RIVER___HYD 24047 | 38.09 -0.11 0.00 | 35.46 0.04 0.00 | 34.66 -0.03 0.00 | 34.03 -0.14 0.00 | 35.74 0.07 0.00 | 39.73 0.31 0.00 | 57.37 0.57 0.00 | 66.22 0.46 0.00 | 45.21 -0.32 0.00 | 37.62 -0.77 0.00 | 33.83 -0.69 0.00 | 33.22 -0.78 0.00 | 33.10 -0.74 0.00 | 34.54 -0.81 0.00 | 37.67 -0.96 0.00 | 45.02 -0.59 0.00 | 64.21 0.00 0.00 | 87.76 0.44 0.00 | 82.13 0.90 0.00 | 68.63 0.88 0.00 | 59.70 0.42 0.00 | 52.35 0.67 0.00 | 47.57 0.52 0.00 | 43.97 0.39 0.00 |
| BLACKRVR_115KV_TB2 79977 | 38.09 -0.11 0.00 | 35.46 0.04 0.00 | 34.66 -0.03 0.00 | 34.03 -0.14 0.00 | 35.74 0.07 0.00 | 39.73 0.32 0.00 | 57.37 0.57 0.00 | 66.15 0.39 0.00 | 45.16 -0.36 0.00 | 37.58 -0.81 0.00 | 33.83 -0.69 0.00 | 33.21 -0.78 0.00 | 33.10 -0.74 0.00 | 34.54 -0.81 0.00 | 37.67 -0.97 0.00 | 45.02 -0.59 0.00 | 64.21 0.00 0.00 | 87.75 0.44 0.00 | 82.13 0.89 0.00 | 68.63 0.88 0.00 | 59.70 0.41 0.00 | 52.41 0.72 0.00 | 47.57 0.52 0.00 | 43.98 0.39 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 40.99 2.79 0.00 | 37.66 2.23 0.00 | 36.68 1.98 0.00 | 35.98 1.81 0.00 | 37.70 2.03 0.00 | 42.02 2.60 0.00 | 60.43 3.64 0.00 | 70.35 4.60 0.00 | 48.16 2.64 0.01 | 40.99 2.61 0.01 | 37.07 2.55 0.01 | 36.64 2.65 0.01 | 36.44 2.61 0.01 | 38.18 2.83 0.01 | 41.72 3.09 0.00 | 48.48 2.87 0.00 | 68.54 4.30 -0.02 | 92.82 5.50 0.00 | 86.95 5.69 -0.02 | 72.92 5.15 -0.02 | 63.28 3.97 -0.02 | 54.60 2.89 -0.02 | 49.17 2.12 0.00 | 45.59 2.00 0.00 |
| BLISS_WT_PWR 323608 | 34.04 -4.16 0.00 | 31.60 -3.83 0.00 | 31.23 -3.47 0.00 | 31.09 -3.08 0.00 | 32.60 -3.07 0.00 | 35.83 -3.59 0.00 | 50.55 -6.25 0.00 | 57.33 -8.42 0.00 | 39.61 -5.92 0.00 | 34.31 -4.07 0.00 | 30.79 -3.73 0.00 | 30.12 -3.88 0.00 | 29.95 -3.89 0.00 | 31.36 -3.99 0.00 | 34.11 -4.52 0.00 | 40.21 -5.38 0.02 | 57.06 -7.13 0.02 | 77.60 -9.70 0.02 | 73.19 -8.04 0.00 | 60.30 -7.45 0.00 | 52.74 -6.52 0.02 | 46.36 -5.32 0.00 | 42.04 -4.99 0.02 | 39.23 -4.36 0.00 |
| BLUESTONE___WT_PWR 323821 | 39.27 1.07 0.00 | 36.46 1.03 0.00 | 35.67 0.97 0.00 | 35.06 0.89 0.00 | 36.77 1.11 0.00 | 40.91 1.50 0.00 | 58.90 2.10 0.00 | 68.12 2.36 0.00 | 46.61 1.09 0.00 | 39.04 0.65 0.00 | 35.07 0.55 0.00 | 34.47 0.48 0.00 | 34.32 0.47 0.00 | 35.88 0.53 0.00 | 39.13 0.50 0.00 | 46.53 0.91 -0.01 | 66.27 2.05 -0.01 | 91.16 3.84 -0.01 | 84.73 3.49 0.00 | 70.59 2.84 0.00 | 61.60 2.31 -0.01 | 53.39 1.70 0.00 | 48.52 1.46 -0.01 | 44.89 1.31 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 39.58 1.38 0.00 | 36.67 1.24 0.00 | 35.95 1.25 0.00 | 35.33 1.16 0.00 | 36.88 1.21 0.00 | 40.75 1.34 0.00 | 58.67 1.87 0.00 | 67.92 2.17 0.00 | 46.21 0.68 0.00 | 38.92 0.54 0.00 | 34.94 0.41 0.00 | 34.37 0.37 0.00 | 34.42 0.58 0.00 | 36.02 0.67 0.00 | 39.44 0.81 0.00 | 46.71 1.09 0.00 | 65.94 1.73 0.00 | 89.59 2.27 0.00 | 83.19 1.95 0.00 | 69.44 1.69 0.00 | 60.88 1.60 0.00 | 52.87 1.19 0.00 | 48.27 1.22 0.00 | 44.63 1.05 0.00 |
| BOC_GAS_DRP 24189 | 39.35 1.15 0.00 | 36.45 1.03 0.00 | 35.70 1.01 0.00 | 35.13 0.96 0.00 | 36.67 1.00 0.00 | 40.52 1.10 0.00 | 58.33 1.53 0.00 | 67.59 1.84 0.00 | 46.30 0.77 0.00 | 39.08 0.69 0.00 | 35.11 0.59 0.00 | 34.61 0.61 0.00 | 34.59 0.74 0.00 | 36.13 0.78 0.00 | 39.52 0.89 0.00 | 46.61 1.00 0.00 | 65.62 1.41 0.00 | 89.06 1.75 0.00 | 82.62 1.38 0.00 | 69.04 1.29 0.00 | 60.47 1.19 0.00 | 52.56 0.88 0.00 | 47.99 0.94 0.00 | 44.37 0.78 0.00 |
| BOONVILLE_115KV_TB1 79983 | 38.63 0.42 0.00 | 35.89 0.46 0.00 | 35.12 0.42 0.00 | 34.55 0.38 0.00 | 36.17 0.50 0.00 | 40.16 0.75 0.00 | 57.88 1.08 0.00 | 66.87 1.12 0.00 | 45.93 0.41 0.00 | 38.42 0.04 0.00 | 34.59 0.07 0.00 | 34.03 0.03 0.00 | 33.88 0.03 0.00 | 35.39 0.04 0.00 | 38.63 0.00 0.00 | 45.93 0.32 0.00 | 65.17 0.96 0.00 | 88.72 1.40 0.00 | 82.62 1.38 0.00 | 68.97 1.22 0.00 | 60.17 0.89 0.00 | 52.61 0.93 0.00 | 47.85 0.80 0.00 | 44.28 0.70 0.00 |
| BORALEX_4TH_BRANCH 23824 | 40.31 2.10 0.00 | 37.34 1.91 0.00 | 36.54 1.84 0.00 | 35.95 1.78 0.00 | 37.52 1.85 0.00 | 41.54 2.13 0.00 | 59.87 3.07 0.00 | 69.30 3.55 0.00 | 47.66 2.14 0.00 | 40.27 1.88 0.00 | 35.87 1.35 0.00 | 35.39 1.39 0.00 | 35.16 1.32 0.00 | 36.77 1.41 0.00 | 40.37 1.74 0.00 | 47.76 2.14 0.00 | 67.29 3.08 0.00 | 91.25 3.93 0.00 | 84.32 3.09 0.00 | 70.66 2.91 0.00 | 61.89 2.61 0.00 | 53.49 1.81 0.00 | 49.03 1.98 0.00 | 45.46 1.87 0.00 |
| BOWLINE___1 23526 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.95 2.28 0.00 | 42.13 2.72 0.00 | 60.71 3.92 0.00 | 70.69 4.93 0.00 | 48.48 2.96 0.00 | 40.96 2.57 0.00 | 36.90 2.38 0.00 | 36.38 2.38 0.00 | 36.25 2.40 0.00 | 37.86 2.51 0.00 | 41.34 2.70 0.00 | 48.53 2.92 0.00 | 67.93 3.72 0.00 | 92.56 5.24 0.00 | 85.70 4.47 0.00 | 71.34 3.59 0.00 | 62.60 3.32 0.00 | 54.37 2.69 0.00 | 49.49 2.45 0.00 | 45.63 2.05 0.00 |
| BOWLINE___2 23595 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.95 2.28 0.00 | 42.13 2.72 0.00 | 60.71 3.92 0.00 | 70.69 4.93 0.00 | 48.48 2.96 0.00 | 40.96 2.57 0.00 | 36.90 2.38 0.00 | 36.38 2.38 0.00 | 36.21 2.37 0.00 | 37.86 2.51 0.00 | 41.34 2.70 0.00 | 48.49 2.88 0.00 | 67.93 3.72 0.00 | 92.56 5.24 0.00 | 85.62 4.38 0.00 | 71.34 3.59 0.00 | 62.54 3.26 0.00 | 54.37 2.69 0.00 | 49.45 2.40 0.00 | 45.63 2.05 0.00 |
| BRADY___115KV_TB2 356060 | 38.74 0.53 0.00 | 35.96 0.53 0.00 | 35.18 0.49 0.00 | 34.65 0.48 0.00 | 36.17 0.50 0.00 | 40.08 0.67 0.00 | 58.10 1.31 0.00 | 67.00 1.25 0.00 | 46.21 0.68 0.00 | 38.65 0.27 0.00 | 34.73 0.21 0.00 | 34.13 0.14 0.00 | 33.91 0.07 0.00 | 35.39 0.04 0.00 | 38.75 0.12 0.00 | 45.79 0.18 0.00 | 65.11 0.90 0.00 | 88.37 1.05 0.00 | 82.86 1.62 0.00 | 69.24 1.49 0.00 | 60.71 1.42 0.00 | 53.08 1.40 0.00 | 48.56 1.51 0.00 | 45.06 1.48 0.00 |
| BRANSCOMB___SOLAR 323811 | 39.93 1.72 0.00 | 37.02 1.60 0.00 | 36.26 1.56 0.00 | 35.64 1.47 0.00 | 37.20 1.53 0.00 | 41.31 1.89 0.00 | 59.47 2.67 0.00 | 68.78 3.03 0.00 | 46.66 1.14 0.00 | 39.04 0.65 0.00 | 34.94 0.42 0.00 | 34.34 0.34 0.00 | 34.38 0.54 0.00 | 35.99 0.64 0.00 | 39.52 0.89 0.00 | 46.93 1.32 0.00 | 66.65 2.44 0.00 | 90.72 3.40 0.00 | 84.16 2.92 0.00 | 70.26 2.51 0.00 | 61.59 2.31 0.00 | 53.44 1.76 0.00 | 48.74 1.69 0.00 | 45.11 1.52 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 39.92 1.72 0.00 | 36.56 1.13 0.00 | 35.53 0.83 0.00 | 34.92 0.75 0.00 | 36.63 0.96 0.00 | 40.87 1.46 0.00 | 58.08 1.93 0.65 | 67.11 2.63 1.28 | 46.57 1.05 0.01 | 30.98 1.19 8.60 | 35.86 1.35 0.01 | 32.77 1.39 2.62 | 34.33 1.39 0.90 | 36.97 1.63 0.01 | 40.49 1.85 0.00 | 46.65 1.32 0.28 | 65.24 2.38 1.34 | 87.81 3.32 2.82 | 82.32 3.49 2.41 | 69.42 3.25 1.58 | 60.32 2.02 0.98 | 52.35 1.14 0.47 | 46.15 0.42 1.32 | 35.59 0.61 8.61 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 40.99 2.79 0.00 | 37.59 2.16 0.00 | 36.57 1.87 0.00 | 35.91 1.74 0.00 | 37.66 2.00 0.00 | 42.02 2.60 0.00 | 59.78 3.86 0.88 | 68.90 4.87 1.72 | 48.07 2.55 0.01 | 40.01 2.50 0.87 | 36.97 2.45 0.01 | 36.28 2.55 0.27 | 36.29 2.54 0.10 | 38.10 2.76 0.01 | 41.72 3.09 0.00 | 48.31 2.83 0.13 | 66.84 4.43 1.80 | 89.37 5.85 3.80 | 83.93 5.93 3.24 | 70.91 5.28 2.13 | 61.94 3.97 1.32 | 53.90 2.84 0.63 | 48.83 2.07 0.29 | 44.63 1.92 0.87 |
| BRISTLHL_115KV_TB1 79998 | 37.17 -1.03 0.00 | 34.51 -0.92 0.00 | 33.80 -0.90 0.00 | 33.28 -0.89 0.00 | 34.78 -0.89 0.00 | 38.47 -0.95 0.00 | 55.32 -1.48 0.00 | 64.04 -1.71 0.00 | 44.20 -1.32 0.00 | 37.27 -1.11 0.00 | 33.59 -0.93 0.00 | 33.08 -0.92 0.00 | 32.93 -0.91 0.00 | 34.40 -0.95 0.00 | 37.51 -1.12 0.00 | 44.38 -1.23 0.00 | 62.28 -1.93 0.00 | 84.96 -2.36 0.00 | 79.12 -2.11 0.00 | 65.85 -1.90 0.00 | 57.45 -1.84 0.00 | 50.18 -1.50 0.00 | 45.50 -1.55 0.00 | 42.14 -1.44 0.00 |
| BROOKHAVEN___DRP 24191 | 40.08 1.87 0.00 | 36.70 1.28 0.00 | 35.70 1.01 0.00 | 35.09 0.92 0.00 | 36.77 1.11 0.00 | 41.03 1.62 0.00 | 58.43 2.27 0.64 | 67.52 3.02 1.25 | 46.93 1.41 0.01 | 31.39 1.61 8.60 | 36.17 1.66 0.01 | 33.07 1.70 2.62 | 34.63 1.69 0.91 | 37.26 1.91 0.01 | 40.76 2.12 0.00 | 46.88 1.55 0.28 | 65.46 2.57 1.32 | 88.04 3.49 2.77 | 82.53 3.66 2.36 | 69.65 3.46 1.55 | 60.63 2.31 0.96 | 52.62 1.40 0.46 | 46.48 0.75 1.32 | 35.75 0.78 8.61 |
| BROOKLYN_NAVY_YARD 23515 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.33 2.64 0.00 | 36.63 2.46 0.00 | 38.27 2.60 0.00 | 42.53 3.11 0.00 | 61.34 4.55 0.00 | 71.47 5.72 0.00 | 49.12 3.60 0.00 | 41.57 3.18 0.00 | 37.50 2.97 0.00 | 37.03 3.02 0.00 | 36.86 3.01 0.00 | 38.50 3.15 0.00 | 42.03 3.40 0.00 | 49.21 3.60 0.00 | 68.77 4.56 0.00 | 93.69 6.37 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.15 2.57 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| BROOME_2_LFGE 323671 | 38.21 0.00 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.20 0.03 0.00 | 35.74 0.07 0.00 | 39.53 0.12 0.00 | 56.74 -0.06 0.00 | 65.62 -0.13 0.00 | 45.21 -0.32 0.00 | 38.23 -0.15 0.00 | 34.35 -0.17 0.00 | 33.83 -0.17 0.00 | 33.64 -0.20 0.00 | 35.18 -0.18 0.00 | 38.36 -0.27 0.00 | 45.29 -0.32 0.00 | 63.76 -0.45 0.00 | 86.88 -0.43 0.00 | 80.91 -0.32 0.00 | 67.28 -0.47 0.00 | 58.75 -0.53 0.00 | 51.22 -0.47 0.00 | 46.48 -0.56 0.00 | 43.06 -0.52 0.00 |
| BROOME___LFGE 323600 | 38.21 0.00 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.20 0.03 0.00 | 35.74 0.07 0.00 | 39.53 0.12 0.00 | 56.74 -0.06 0.00 | 65.62 -0.13 0.00 | 45.21 -0.32 0.00 | 38.23 -0.15 0.00 | 34.35 -0.17 0.00 | 33.83 -0.17 0.00 | 33.64 -0.20 0.00 | 35.18 -0.18 0.00 | 38.36 -0.27 0.00 | 45.29 -0.32 0.00 | 63.76 -0.45 0.00 | 86.88 -0.43 0.00 | 80.91 -0.32 0.00 | 67.28 -0.47 0.00 | 58.75 -0.53 0.00 | 51.22 -0.47 0.00 | 46.48 -0.56 0.00 | 43.06 -0.52 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 66.01 0.26 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.41 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.08 -0.13 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 41.76 3.55 0.00 | 38.51 3.08 0.00 | 37.61 2.91 0.00 | 36.94 2.77 0.00 | 38.59 2.92 0.00 | 42.84 3.43 0.00 | 61.80 5.00 0.00 | 72.06 6.31 0.00 | 49.53 4.01 0.00 | 41.96 3.57 0.00 | 37.81 3.28 0.00 | 37.27 3.26 0.00 | 37.10 3.25 0.00 | 38.82 3.46 0.00 | 42.34 3.71 0.00 | 49.63 4.01 0.00 | 69.35 5.14 0.00 | 94.48 7.16 0.00 | 87.41 6.17 0.00 | 72.83 5.08 0.00 | 63.85 4.56 0.00 | 55.40 3.72 0.00 | 50.48 3.43 0.00 | 46.55 2.96 0.00 |
| BURROWS___LYONSDAL 23803 | 38.47 0.27 0.00 | 35.78 0.35 0.00 | 35.01 0.31 0.00 | 34.41 0.24 0.00 | 36.06 0.39 0.00 | 40.01 0.59 0.00 | 57.71 0.91 0.00 | 66.61 0.85 0.00 | 45.71 0.18 0.00 | 38.23 -0.15 0.00 | 34.42 -0.10 0.00 | 33.83 -0.17 0.00 | 33.71 -0.14 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.70 0.09 0.00 | 64.92 0.71 0.00 | 88.37 1.05 0.00 | 82.37 1.14 0.00 | 68.76 1.02 0.00 | 60.00 0.71 0.00 | 52.51 0.83 0.00 | 47.76 0.71 0.00 | 44.19 0.61 0.00 |
| CAITHNESS_CC_1 323624 | 40.15 1.95 0.00 | 36.84 1.42 0.00 | 35.81 1.11 0.00 | 35.16 0.99 0.00 | 36.81 1.14 0.00 | 41.11 1.69 0.00 | 58.55 2.39 0.63 | 67.61 3.09 1.23 | 47.02 1.50 0.01 | 31.46 1.69 8.61 | 36.24 1.73 0.01 | 33.27 1.90 2.63 | 34.83 1.89 0.91 | 37.47 2.12 0.01 | 40.83 2.20 0.00 | 46.97 1.64 0.28 | 65.62 2.70 1.29 | 87.92 3.32 2.72 | 81.76 2.84 2.32 | 69.68 3.45 1.52 | 60.71 2.37 0.94 | 52.88 1.65 0.45 | 46.58 0.85 1.32 | 35.74 0.79 8.62 |
| CALPINE BETH_PAGE_GT4 24209 | 40.76 2.56 0.00 | 37.45 2.02 0.00 | 36.43 1.73 0.00 | 35.78 1.61 0.00 | 37.49 1.82 0.00 | 41.78 2.36 0.00 | 59.91 3.24 0.13 | 69.65 4.14 0.25 | 47.89 2.37 0.01 | 40.76 2.38 0.01 | 36.86 2.35 0.01 | 36.44 2.45 0.01 | 36.27 2.44 0.01 | 38.00 2.65 0.01 | 41.53 2.90 0.00 | 48.15 2.55 0.02 | 67.75 3.79 0.25 | 91.75 4.98 0.55 | 85.73 4.96 0.46 | 71.99 4.54 0.30 | 62.54 3.44 0.18 | 54.13 2.53 0.08 | 48.86 1.83 0.02 | 45.37 1.79 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 40.77 2.56 0.00 | 37.48 2.05 0.00 | 36.47 1.77 0.00 | 35.78 1.61 0.00 | 37.49 1.82 0.00 | 41.78 2.36 0.00 | 59.91 3.24 0.13 | 69.65 4.14 0.25 | 47.88 2.37 0.01 | 40.76 2.38 0.01 | 36.90 2.38 0.01 | 36.54 2.55 0.01 | 36.38 2.54 0.01 | 38.07 2.72 0.01 | 41.53 2.90 0.00 | 48.15 2.55 0.02 | 67.81 3.85 0.25 | 91.57 4.80 0.55 | 85.00 4.22 0.46 | 71.99 4.54 0.30 | 62.54 3.44 0.18 | 54.23 2.63 0.08 | 48.81 1.79 0.02 | 45.28 1.70 0.00 |
| CALPINE_BP_GT1 23823 | 40.77 2.56 0.00 | 37.48 2.05 0.00 | 36.47 1.77 0.00 | 35.78 1.61 0.00 | 37.49 1.82 0.00 | 41.78 2.36 0.00 | 59.91 3.24 0.13 | 69.65 4.14 0.25 | 47.88 2.37 0.01 | 40.76 2.38 0.01 | 36.90 2.38 0.01 | 36.54 2.55 0.01 | 36.38 2.54 0.01 | 38.07 2.72 0.01 | 41.53 2.90 0.00 | 48.15 2.55 0.02 | 67.81 3.85 0.25 | 91.57 4.80 0.55 | 85.00 4.22 0.46 | 71.99 4.54 0.30 | 62.54 3.44 0.18 | 54.23 2.63 0.08 | 48.81 1.79 0.02 | 45.28 1.70 0.00 |
| CALSPAN___DRP 24200 | 35.42 -2.79 0.00 | 33.09 -2.34 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.38 -2.28 0.00 | 36.69 -2.72 0.00 | 51.12 -5.68 0.00 | 57.93 -7.82 0.00 | 40.56 -4.96 0.00 | 35.01 -3.38 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.26 -4.33 0.02 | 57.90 -6.29 0.02 | 78.83 -8.47 0.02 | 74.09 -7.15 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 47.03 -4.65 0.00 | 42.23 -4.80 0.02 | 39.49 -4.10 0.00 |

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| CALVERTON___SOLAR 323806 | 40.00 1.80 0.00 | 36.74 1.31 0.00 | 35.67 0.97 0.00 | 35.02 0.85 0.00 | 36.70 1.04 0.00 | 40.99 1.58 0.00 | 58.37 2.21 0.65 | 67.38 2.89 1.26 | 46.84 1.32 0.01 | 31.27 1.50 8.61 | 36.07 1.55 0.01 | 33.07 1.70 2.62 | 34.66 1.73 0.91 | 37.29 1.94 0.01 | 40.68 2.05 0.00 | 46.83 1.50 0.28 | 65.39 2.50 1.33 | 87.67 3.14 2.79 | 81.53 2.68 2.38 | 69.57 3.39 1.56 | 60.57 2.25 0.97 | 52.72 1.50 0.46 | 46.43 0.71 1.32 | 35.62 0.65 8.62 |
| CANDIGU_WT_PWR 323617 | 35.68 -2.52 0.00 | 33.05 -2.37 0.00 | 32.62 -2.08 0.00 | 32.32 -1.85 0.00 | 33.71 -1.96 0.00 | 37.21 -2.21 0.00 | 52.48 -4.32 0.00 | 60.49 -5.26 0.00 | 41.61 -3.92 0.00 | 35.58 -2.80 0.00 | 31.93 -2.59 0.00 | 31.41 -2.59 0.00 | 31.17 -2.67 0.00 | 32.63 -2.72 0.00 | 35.46 -3.17 0.00 | 41.34 -4.24 0.04 | 58.52 -5.65 0.04 | 80.12 -7.16 0.04 | 75.39 -5.85 0.00 | 62.26 -5.49 0.00 | 54.15 -5.10 0.04 | 47.50 -4.18 0.00 | 42.87 -4.14 0.04 | 40.05 -3.53 0.00 |
| CARR STREET_E_SYR 24060 | 37.56 -0.65 0.00 | 34.82 -0.60 0.00 | 34.08 -0.62 0.00 | 33.59 -0.58 0.00 | 35.10 -0.57 0.00 | 38.82 -0.59 0.00 | 55.83 -0.97 0.00 | 64.63 -1.12 0.00 | 44.61 -0.91 0.00 | 37.69 -0.69 0.00 | 33.90 -0.62 0.00 | 33.42 -0.58 0.00 | 33.23 -0.61 0.00 | 34.75 -0.60 0.00 | 37.86 -0.77 0.00 | 44.84 -0.78 0.00 | 62.80 -1.41 0.00 | 85.57 -1.75 0.00 | 79.61 -1.62 0.00 | 66.26 -1.49 0.00 | 57.80 -1.48 0.00 | 50.44 -1.24 0.00 | 45.88 -1.17 0.00 | 42.50 -1.09 0.00 |
| CARTHAGE___PAPER 23857 | 38.13 -0.08 0.00 | 35.46 0.04 0.00 | 34.66 -0.03 0.00 | 34.07 -0.10 0.00 | 35.74 0.07 0.00 | 39.65 0.24 0.00 | 57.37 0.57 0.00 | 66.15 0.40 0.00 | 45.25 -0.27 0.00 | 37.69 -0.69 0.00 | 33.90 -0.62 0.00 | 33.32 -0.68 0.00 | 33.17 -0.68 0.00 | 34.61 -0.74 0.00 | 37.82 -0.81 0.00 | 45.07 -0.55 0.00 | 64.21 0.00 0.00 | 87.58 0.26 0.00 | 82.05 0.81 0.00 | 68.49 0.75 0.00 | 59.70 0.42 0.00 | 52.41 0.72 0.00 | 47.66 0.61 0.00 | 44.06 0.48 0.00 |
| CASSADAGA_WT_PWR 323784 | 34.39 -3.82 0.00 | 31.88 -3.54 0.00 | 31.44 -3.26 0.00 | 31.30 -2.87 0.00 | 32.67 -3.00 0.00 | 36.02 -3.39 0.00 | 50.89 -5.91 0.00 | 58.06 -7.69 0.00 | 40.20 -5.33 0.00 | 34.85 -3.53 0.00 | 31.17 -3.35 0.00 | 30.56 -3.43 0.00 | 30.29 -3.55 0.00 | 31.60 -3.75 0.00 | 34.42 -4.21 0.00 | 40.44 -5.15 0.02 | 57.06 -7.13 0.02 | 78.48 -8.82 0.02 | 74.33 -6.91 0.00 | 61.38 -6.37 0.00 | 53.46 -5.81 0.02 | 47.08 -4.60 0.00 | 42.51 -4.52 0.02 | 39.62 -3.97 0.00 |
| CE_DUNWOOD___DRP 24194 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 60.89 4.09 0.00 | 70.95 5.19 0.00 | 48.71 3.19 0.00 | 41.15 2.76 0.00 | 37.08 2.55 0.00 | 36.55 2.55 0.00 | 36.38 2.54 0.00 | 38.04 2.69 0.00 | 41.57 2.94 0.00 | 48.76 3.15 0.00 | 68.19 3.98 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 71.68 3.93 0.00 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 49.68 2.63 0.00 | 45.81 2.22 0.00 |
| CE_MILLWOOD___DRP 24193 | 41.07 2.87 0.00 | 37.91 2.48 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 38.02 2.35 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.62 3.10 0.00 | 41.07 2.69 0.00 | 37.01 2.49 0.00 | 36.48 2.48 0.00 | 36.32 2.47 0.00 | 37.97 2.62 0.00 | 41.45 2.82 0.00 | 48.67 3.06 0.00 | 68.13 3.92 0.00 | 92.82 5.50 0.00 | 85.87 4.63 0.00 | 71.54 3.79 0.00 | 62.72 3.44 0.00 | 54.47 2.79 0.00 | 49.59 2.54 0.00 | 45.76 2.18 0.00 |
| CE_NYC2_DRP 24202 | 41.69 3.48 -0.01 | 38.45 3.01 -0.01 | 37.55 2.85 -0.01 | 36.87 2.70 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.11 4.32 0.00 | 71.07 5.33 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.50 2.97 -0.01 | 36.99 2.99 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.25 4.05 0.01 | 92.99 5.68 0.01 | 86.10 4.87 0.01 | 71.67 3.93 0.01 | 62.96 3.68 0.00 | 54.78 3.10 0.00 | 50.15 3.11 0.00 | 46.37 2.79 0.00 |
| CE_NYC_DRP 24195 | 41.49 3.29 0.00 | 38.30 2.87 0.00 | 37.37 2.67 0.00 | 36.73 2.56 0.00 | 38.34 2.68 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.57 3.22 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.78 6.46 0.00 | 86.76 5.52 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.11 3.06 0.00 | 46.24 2.66 0.00 |
| CHAFFEE___LFGE 323603 | 35.61 -2.60 0.00 | 32.98 -2.44 0.00 | 32.48 -2.22 0.00 | 32.22 -1.95 0.00 | 33.49 -2.18 0.00 | 36.77 -2.64 0.00 | 51.35 -5.45 0.00 | 58.45 -7.30 0.00 | 40.61 -4.92 0.00 | 35.46 -2.92 0.00 | 31.90 -2.63 0.00 | 31.41 -2.59 0.00 | 31.20 -2.64 0.00 | 32.63 -2.72 0.00 | 35.42 -3.21 0.00 | 41.44 -4.15 0.02 | 58.09 -6.10 0.02 | 79.18 -8.12 0.02 | 74.49 -6.74 0.00 | 61.31 -6.44 0.00 | 53.28 -5.99 0.02 | 46.93 -4.75 0.00 | 42.37 -4.66 0.02 | 39.57 -4.01 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.61 -0.91 0.00 | 37.43 -0.96 0.00 | 33.56 -0.97 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.19 -1.17 0.00 | 37.47 -1.16 0.00 | 44.33 -1.28 0.00 | 63.05 -1.16 0.00 | 85.75 -1.57 0.00 | 80.42 -0.81 0.00 | 67.14 -0.61 0.00 | 58.99 -0.30 0.00 | 51.48 -0.21 0.00 | 47.10 0.05 0.00 | 43.76 0.17 0.00 |
| CHATEAUG_WT_PWR 323614 | 37.18 -1.03 0.00 | 34.47 -0.95 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.35 -1.06 0.00 | 55.66 -1.14 0.00 | 64.30 -1.45 0.00 | 44.57 -0.96 0.00 | 37.39 -1.00 0.00 | 33.59 -0.93 0.00 | 32.98 -1.02 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.51 -1.12 0.00 | 44.33 -1.28 0.00 | 62.93 -1.28 0.00 | 85.75 -1.57 0.00 | 80.26 -0.97 0.00 | 67.00 -0.74 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.00 -0.05 0.00 | 43.67 0.09 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.61 -0.91 0.00 | 37.43 -0.96 0.00 | 33.56 -0.97 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.19 -1.17 0.00 | 37.47 -1.16 0.00 | 44.33 -1.28 0.00 | 63.05 -1.16 0.00 | 85.75 -1.57 0.00 | 80.42 -0.81 0.00 | 67.14 -0.61 0.00 | 58.99 -0.30 0.00 | 51.48 -0.21 0.00 | 47.10 0.05 0.00 | 43.76 0.17 0.00 |
| CHAUTAUQUA___LFGE 323629 | 35.30 -2.91 0.00 | 32.70 -2.73 0.00 | 32.20 -2.50 0.00 | 31.98 -2.19 0.00 | 33.31 -2.36 0.00 | 36.62 -2.80 0.00 | 51.46 -5.34 0.00 | 58.52 -7.23 0.00 | 40.61 -4.92 0.00 | 35.35 -3.03 0.00 | 31.76 -2.76 0.00 | 31.21 -2.79 0.00 | 31.00 -2.84 0.00 | 32.35 -3.01 0.00 | 35.15 -3.48 0.00 | 41.17 -4.42 0.02 | 57.77 -6.42 0.02 | 79.18 -8.12 0.02 | 74.73 -6.50 0.00 | 61.52 -6.23 0.00 | 53.46 -5.81 0.02 | 47.08 -4.60 0.00 | 42.47 -4.56 0.02 | 39.66 -3.92 0.00 |
| CHERRYST_13_KV_LD 356241 | 41.57 3.36 0.00 | 38.37 2.94 0.00 | 37.47 2.78 0.00 | 36.80 2.63 0.00 | 38.45 2.78 0.00 | 42.69 3.27 0.00 | 61.51 4.71 0.00 | 71.80 6.05 0.00 | 49.35 3.82 0.00 | 41.81 3.42 0.00 | 37.67 3.14 0.00 | 37.16 3.16 0.00 | 36.96 3.11 0.00 | 38.68 3.32 0.00 | 42.19 3.55 0.00 | 49.49 3.88 0.00 | 69.03 4.82 0.00 | 94.04 6.72 0.00 | 87.00 5.77 0.00 | 72.42 4.67 0.00 | 63.49 4.21 0.00 | 55.09 3.41 0.00 | 50.20 3.15 0.00 | 46.33 2.75 0.00 |

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| CHESTROR_138KV_BK263 355645 | 40.80 2.60 0.00 | 37.69 2.27 0.00 | 36.85 2.15 0.00 | 36.19 2.02 0.00 | 37.81 2.14 0.00 | 41.94 2.52 0.00 | 60.49 3.69 0.00 | 70.35 4.60 0.00 | 48.16 2.64 0.00 | 40.61 2.23 0.00 | 36.56 2.04 0.00 | 36.00 2.01 0.00 | 35.84 2.00 0.00 | 37.51 2.16 0.00 | 40.95 2.32 0.00 | 48.17 2.55 0.00 | 67.48 3.27 0.00 | 92.03 4.72 0.00 | 85.30 4.06 0.00 | 71.07 3.32 0.00 | 62.25 2.96 0.00 | 54.06 2.38 0.00 | 49.26 2.21 0.00 | 45.46 1.87 0.00 |
| CH_MIDHUDSON___DRP 24192 | 40.84 2.64 0.00 | 37.73 2.30 0.00 | 36.88 2.19 0.00 | 36.22 2.05 0.00 | 37.84 2.18 0.00 | 41.98 2.56 0.00 | 60.55 3.75 0.00 | 70.42 4.67 0.00 | 48.35 2.82 0.00 | 40.76 2.38 0.00 | 36.66 2.14 0.00 | 36.14 2.14 0.00 | 35.97 2.13 0.00 | 37.61 2.26 0.00 | 41.10 2.47 0.00 | 48.39 2.78 0.00 | 67.93 3.72 0.00 | 92.56 5.24 0.00 | 85.70 4.47 0.00 | 71.41 3.66 0.00 | 62.60 3.32 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.67 2.09 0.00 |
| CH_MISC_IPPS 23765 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.14 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 40.88 2.49 0.00 | 36.76 2.24 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.41 0.00 | 41.22 2.59 0.00 | 48.57 2.96 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| CH_RES_BVR_FALLS 23983 | 37.25 -0.95 0.00 | 34.54 -0.88 0.00 | 33.83 -0.87 0.00 | 33.35 -0.82 0.00 | 34.85 -0.82 0.00 | 38.55 -0.87 0.00 | 55.72 -1.08 0.00 | 64.50 -1.25 0.00 | 44.57 -0.96 0.00 | 37.46 -0.92 0.00 | 33.66 -0.86 0.00 | 33.08 -0.92 0.00 | 32.90 -0.95 0.00 | 34.36 -0.99 0.00 | 37.63 -1.00 0.00 | 44.47 -1.14 0.00 | 62.80 -1.41 0.00 | 85.48 -1.84 0.00 | 79.69 -1.55 0.00 | 66.53 -1.22 0.00 | 58.28 -1.01 0.00 | 50.91 -0.77 0.00 | 46.49 -0.56 0.00 | 43.19 -0.39 0.00 |
| CH_RES_NIAGARA 23895 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| CH_RES_SYRACUSE 23985 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.41 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.36 0.00 | 56.23 -0.57 0.00 | 65.09 -0.66 0.00 | 44.89 -0.64 0.00 | 37.85 -0.54 0.00 | 34.07 -0.45 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.93 -0.42 0.00 | 38.05 -0.58 0.00 | 45.07 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.33 -0.95 0.00 | 50.85 -0.83 0.00 | 46.15 -0.90 0.00 | 42.75 -0.83 0.00 |
| CLINTON_WT_PWR 323605 | 37.18 -1.03 0.00 | 34.47 -0.95 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.35 -1.06 0.00 | 55.66 -1.14 0.00 | 64.30 -1.45 0.00 | 44.57 -0.96 0.00 | 37.39 -1.00 0.00 | 33.59 -0.93 0.00 | 32.98 -1.02 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.51 -1.12 0.00 | 44.33 -1.28 0.00 | 62.93 -1.28 0.00 | 85.75 -1.57 0.00 | 80.26 -0.97 0.00 | 67.00 -0.74 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.00 -0.05 0.00 | 43.67 0.09 0.00 |
| CLINTON___LFGE 323618 | 37.33 -0.88 0.00 | 34.61 -0.81 0.00 | 33.80 -0.90 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.58 -0.83 0.00 | 56.12 -0.68 0.00 | 64.70 -1.05 0.00 | 44.89 -0.64 0.00 | 37.62 -0.77 0.00 | 33.73 -0.79 0.00 | 33.11 -0.88 0.00 | 32.90 -0.95 0.00 | 34.29 -1.06 0.00 | 37.63 -1.00 0.00 | 44.52 -1.10 0.00 | 63.37 -0.84 0.00 | 86.27 -1.04 0.00 | 80.99 -0.24 0.00 | 67.61 -0.14 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.47 0.42 0.00 | 44.06 0.48 0.00 |
| COBBLENY_34_KV_TB1 80064 | 35.49 -2.71 0.00 | 33.16 -2.27 0.00 | 32.44 -2.26 0.00 | 32.22 -1.95 0.00 | 33.46 -2.21 0.00 | 36.77 -2.64 0.00 | 51.35 -5.45 0.00 | 58.19 -7.56 0.00 | 40.70 -4.83 0.00 | 35.12 -3.26 0.00 | 31.79 -2.73 0.00 | 31.38 -2.62 0.00 | 31.17 -2.67 0.00 | 32.63 -2.72 0.00 | 35.42 -3.21 0.00 | 41.40 -4.20 0.02 | 58.16 -6.04 0.02 | 79.18 -8.12 0.02 | 74.41 -6.82 0.00 | 61.31 -6.44 0.00 | 53.28 -5.99 0.02 | 47.24 -4.44 0.00 | 42.37 -4.66 0.02 | 39.57 -4.01 0.00 |
| COFFEEN___115KV_TB3 355620 | 38.21 0.00 0.00 | 35.57 0.14 0.00 | 34.77 0.07 0.00 | 34.14 -0.03 0.00 | 35.88 0.21 0.00 | 39.93 0.51 0.00 | 57.59 0.80 0.00 | 66.41 0.66 0.00 | 45.30 -0.23 0.00 | 37.66 -0.73 0.00 | 33.87 -0.66 0.00 | 33.25 -0.75 0.00 | 33.13 -0.71 0.00 | 34.54 -0.81 0.00 | 37.71 -0.93 0.00 | 45.06 -0.55 0.00 | 64.47 0.26 0.00 | 88.10 0.79 0.00 | 82.54 1.30 0.00 | 68.97 1.22 0.00 | 60.00 0.71 0.00 | 52.61 0.93 0.00 | 47.76 0.71 0.00 | 44.15 0.57 0.00 |
| COLDSPRG_115KV_BK1 355956 | 35.45 -2.75 0.00 | 33.12 -2.30 0.00 | 32.41 -2.29 0.00 | 32.22 -1.95 0.00 | 33.60 -2.07 0.00 | 37.05 -2.36 0.00 | 52.31 -4.49 0.00 | 59.31 -6.44 0.00 | 41.15 -4.37 0.00 | 35.35 -3.03 0.00 | 31.86 -2.66 0.00 | 31.34 -2.65 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.35 -3.28 0.00 | 41.44 -4.15 0.02 | 58.73 -5.46 0.02 | 80.40 -6.90 0.02 | 75.71 -5.52 0.00 | 62.46 -5.28 0.00 | 54.34 -4.92 0.02 | 48.01 -3.67 0.00 | 43.27 -3.76 0.02 | 40.23 -3.36 0.00 |
| COLONIE_LFGE___ 323577 | 39.77 1.57 0.00 | 36.85 1.42 0.00 | 36.09 1.39 0.00 | 35.50 1.33 0.00 | 37.06 1.39 0.00 | 41.03 1.62 0.00 | 59.07 2.27 0.00 | 68.38 2.63 0.00 | 46.52 1.00 0.00 | 39.11 0.73 0.00 | 35.07 0.55 0.00 | 34.51 0.51 0.00 | 34.65 0.81 0.00 | 36.24 0.88 0.00 | 39.79 1.16 0.00 | 47.07 1.46 0.00 | 66.39 2.18 0.00 | 90.20 2.88 0.00 | 83.51 2.27 0.00 | 69.85 2.10 0.00 | 61.24 1.95 0.00 | 53.08 1.40 0.00 | 48.51 1.46 0.00 | 44.89 1.31 0.00 |
| COOPERNY_115KV_TB1 80082 | 40.34 2.14 0.00 | 37.30 1.88 0.00 | 36.50 1.80 0.00 | 35.84 1.67 0.00 | 37.49 1.82 0.00 | 41.54 2.13 0.00 | 59.87 3.07 0.00 | 69.57 3.81 0.00 | 47.71 2.19 0.00 | 40.23 1.84 0.00 | 36.21 1.69 0.00 | 35.66 1.67 0.00 | 35.50 1.66 0.00 | 37.12 1.77 0.00 | 40.53 1.89 0.00 | 47.71 2.10 0.00 | 66.97 2.76 0.00 | 91.16 3.84 0.00 | 84.57 3.33 0.00 | 70.46 2.71 0.00 | 61.71 2.43 0.00 | 53.70 2.02 0.00 | 48.88 1.83 0.00 | 45.15 1.57 0.00 |
| COPENHAGEN_WT_PWR 323753 | 38.02 -0.19 0.00 | 35.36 -0.07 0.00 | 34.59 -0.10 0.00 | 33.97 -0.20 0.00 | 35.67 0.00 0.00 | 39.61 0.20 0.00 | 57.14 0.34 0.00 | 65.95 0.20 0.00 | 45.07 -0.46 0.00 | 37.58 -0.81 0.00 | 33.83 -0.69 0.00 | 33.22 -0.78 0.00 | 33.10 -0.74 0.00 | 34.54 -0.81 0.00 | 37.67 -0.96 0.00 | 44.97 -0.64 0.00 | 64.02 -0.19 0.00 | 87.41 0.09 0.00 | 81.81 0.57 0.00 | 68.36 0.61 0.00 | 59.52 0.24 0.00 | 52.15 0.46 0.00 | 47.38 0.33 0.00 | 43.80 0.22 0.00 |
| CORNELL_____ 23752 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.34 0.17 0.00 | 35.99 0.32 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.41 0.66 0.00 | 45.66 0.14 0.00 | 38.31 -0.08 0.00 | 34.38 -0.14 0.00 | 33.83 -0.17 0.00 | 33.64 -0.20 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.62 -0.05 0.00 | 64.46 0.19 0.00 | 88.07 0.70 0.00 | 82.13 0.89 0.00 | 68.29 0.54 0.00 | 59.58 0.24 -0.05 | 51.94 0.26 0.00 | 47.10 0.00 -0.05 | 43.54 -0.04 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| CORONA__69_KV_TB1 355595 | 41.11 2.90 0.00 | 37.77 2.34 0.00 | 36.78 2.08 0.00 | 36.12 1.95 0.00 | 37.81 2.14 0.00 | 42.09 2.68 0.00 | 60.60 3.81 0.00 | 70.55 4.80 0.00 | 48.34 2.82 0.01 | 41.14 2.76 0.01 | 37.18 2.66 0.01 | 36.75 2.75 0.01 | 36.55 2.71 0.01 | 38.28 2.93 0.01 | 41.80 3.17 0.00 | 48.58 2.96 0.00 | 68.69 4.43 -0.05 | 92.99 5.68 0.00 | 87.06 5.77 -0.05 | 73.02 5.22 -0.05 | 63.43 4.09 -0.05 | 54.78 3.05 -0.05 | 49.31 2.26 0.00 | 45.67 2.09 0.00 |
| CORTLAND__115KV_TB3 80093 | 38.36 0.15 0.00 | 35.60 0.18 0.00 | 34.84 0.14 0.00 | 34.31 0.14 0.00 | 35.88 0.21 0.00 | 39.77 0.35 0.00 | 57.25 0.45 0.00 | 66.21 0.46 0.00 | 45.57 0.05 0.00 | 38.35 -0.04 0.00 | 34.45 -0.07 0.00 | 33.93 -0.07 0.00 | 33.74 -0.10 0.00 | 35.32 -0.04 0.00 | 38.52 -0.12 0.00 | 45.63 0.00 -0.02 | 64.35 0.13 -0.02 | 87.77 0.44 -0.02 | 81.72 0.49 0.00 | 68.02 0.27 0.00 | 59.36 0.06 -0.02 | 51.73 0.05 0.00 | 46.97 -0.09 -0.02 | 43.45 -0.13 0.00 |
| COXSACKIE__GT 23611 | 40.31 2.10 0.00 | 37.37 1.95 0.00 | 36.64 1.94 0.00 | 35.88 1.71 0.00 | 37.52 1.85 0.00 | 41.54 2.13 0.00 | 60.26 3.47 0.00 | 69.37 3.61 0.00 | 46.61 1.09 0.00 | 38.81 0.42 0.00 | 34.70 0.17 0.00 | 34.06 0.07 0.00 | 34.35 0.51 0.00 | 35.92 0.56 0.00 | 39.44 0.81 0.00 | 47.07 1.46 0.00 | 67.36 3.15 0.00 | 92.38 5.06 0.00 | 85.86 4.63 0.00 | 71.54 3.79 0.00 | 62.66 3.38 0.00 | 54.21 2.53 0.00 | 49.40 2.35 0.00 | 45.55 1.96 0.00 |
| CPV_VALLEY__CC1 323721 | 40.80 2.60 0.00 | 37.73 2.30 0.00 | 36.85 2.15 0.00 | 36.19 2.02 0.00 | 37.81 2.14 0.00 | 41.97 2.56 0.00 | 60.49 3.69 0.00 | 70.35 4.60 0.00 | 47.94 2.41 0.00 | 40.49 2.11 0.00 | 36.45 1.93 0.00 | 35.93 1.94 0.00 | 35.77 1.93 0.00 | 37.40 2.05 0.00 | 40.83 2.20 0.00 | 47.98 2.37 0.00 | 67.29 3.08 0.00 | 91.60 4.28 0.00 | 84.89 3.66 0.00 | 70.73 2.98 0.00 | 62.01 2.73 0.00 | 53.90 2.22 0.00 | 49.07 2.02 0.00 | 45.28 1.70 0.00 |
| CPV_VALLEY__CC2 323722 | 40.80 2.60 0.00 | 37.73 2.30 0.00 | 36.85 2.15 0.00 | 36.19 2.02 0.00 | 37.81 2.14 0.00 | 41.97 2.56 0.00 | 60.49 3.69 0.00 | 70.35 4.60 0.00 | 47.94 2.41 0.00 | 40.49 2.11 0.00 | 36.45 1.93 0.00 | 35.93 1.94 0.00 | 35.77 1.93 0.00 | 37.40 2.05 0.00 | 40.83 2.20 0.00 | 47.98 2.37 0.00 | 67.29 3.08 0.00 | 91.60 4.28 0.00 | 84.89 3.66 0.00 | 70.73 2.98 0.00 | 62.01 2.73 0.00 | 53.90 2.22 0.00 | 49.07 2.02 0.00 | 45.28 1.70 0.00 |
| CRESCENT__HYD 24018 | 39.77 1.57 0.00 | 36.85 1.42 0.00 | 36.09 1.39 0.00 | 35.50 1.33 0.00 | 37.06 1.39 0.00 | 41.03 1.62 0.00 | 59.07 2.27 0.00 | 68.38 2.63 0.00 | 46.52 1.00 0.00 | 39.11 0.73 0.00 | 35.07 0.55 0.00 | 34.51 0.51 0.00 | 34.65 0.81 0.00 | 36.24 0.88 0.00 | 39.79 1.16 0.00 | 47.07 1.46 0.00 | 66.39 2.18 0.00 | 90.20 2.88 0.00 | 83.51 2.27 0.00 | 69.85 2.10 0.00 | 61.24 1.95 0.00 | 53.08 1.40 0.00 | 48.51 1.46 0.00 | 44.89 1.31 0.00 |
| CRICKET__VALLEY_CC1 323756 | 40.54 2.33 0.00 | 37.45 2.02 0.00 | 36.61 1.91 0.00 | 35.95 1.78 0.00 | 37.56 1.89 0.00 | 41.66 2.25 0.00 | 60.03 3.24 0.00 | 69.83 4.08 0.00 | 48.03 2.50 0.00 | 40.53 2.15 0.00 | 36.52 2.00 0.00 | 36.00 2.01 0.00 | 35.84 2.00 0.00 | 37.47 2.12 0.00 | 40.91 2.28 0.00 | 48.07 2.46 0.00 | 67.29 3.08 0.00 | 91.60 4.28 0.00 | 84.73 3.49 0.00 | 70.66 2.91 0.00 | 61.95 2.67 0.00 | 53.90 2.22 0.00 | 49.07 2.02 0.00 | 45.28 1.70 0.00 |
| CRICKET__VALLEY_CC2 323757 | 40.54 2.33 0.00 | 37.45 2.02 0.00 | 36.61 1.91 0.00 | 35.95 1.78 0.00 | 37.56 1.89 0.00 | 41.66 2.25 0.00 | 60.03 3.24 0.00 | 69.83 4.08 0.00 | 48.03 2.50 0.00 | 40.53 2.15 0.00 | 36.52 2.00 0.00 | 36.00 2.01 0.00 | 35.84 2.00 0.00 | 37.47 2.12 0.00 | 40.91 2.28 0.00 | 48.07 2.46 0.00 | 67.29 3.08 0.00 | 91.60 4.28 0.00 | 84.73 3.49 0.00 | 70.66 2.91 0.00 | 61.95 2.67 0.00 | 53.90 2.22 0.00 | 49.07 2.02 0.00 | 45.28 1.70 0.00 |
| CRICKET__VALLEY_CC3 323758 | 40.54 2.33 0.00 | 37.45 2.02 0.00 | 36.61 1.91 0.00 | 35.95 1.78 0.00 | 37.56 1.89 0.00 | 41.66 2.25 0.00 | 60.03 3.24 0.00 | 69.83 4.08 0.00 | 48.03 2.50 0.00 | 40.53 2.15 0.00 | 36.52 2.00 0.00 | 36.00 2.01 0.00 | 35.84 2.00 0.00 | 37.47 2.12 0.00 | 40.91 2.28 0.00 | 48.07 2.46 0.00 | 67.29 3.08 0.00 | 91.60 4.28 0.00 | 84.73 3.49 0.00 | 70.66 2.91 0.00 | 61.95 2.67 0.00 | 53.90 2.22 0.00 | 49.07 2.02 0.00 | 45.28 1.70 0.00 |
| CRUCIBLE_METL_DRP 24180 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| DAHOWA__HYDRO 323763 | 40.00 1.80 0.00 | 37.09 1.67 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.27 1.61 0.00 | 41.42 2.01 0.00 | 59.58 2.78 0.00 | 68.91 3.16 0.00 | 46.75 1.23 0.00 | 39.04 0.65 0.00 | 34.94 0.42 0.00 | 34.34 0.34 0.00 | 34.35 0.51 0.00 | 35.95 0.60 0.00 | 39.52 0.89 0.00 | 46.98 1.37 0.00 | 66.78 2.57 0.00 | 90.90 3.58 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.77 2.49 0.00 | 53.54 1.86 0.00 | 48.84 1.79 0.00 | 45.20 1.61 0.00 |
| DANC__LFGE 323619 | 37.71 -0.50 0.00 | 35.07 -0.35 0.00 | 34.28 -0.41 0.00 | 33.72 -0.45 0.00 | 35.35 -0.32 0.00 | 39.18 -0.24 0.00 | 56.40 -0.39 0.00 | 65.16 -0.59 0.00 | 44.71 -0.82 0.00 | 37.50 -0.88 0.00 | 33.73 -0.79 0.00 | 33.18 -0.82 0.00 | 33.03 -0.81 0.00 | 34.50 -0.85 0.00 | 37.63 -1.00 0.00 | 44.74 -0.87 0.00 | 63.37 -0.84 0.00 | 86.45 -0.87 0.00 | 80.75 -0.48 0.00 | 67.41 -0.34 0.00 | 58.75 -0.53 0.00 | 51.43 -0.26 0.00 | 46.72 -0.33 0.00 | 43.19 -0.39 0.00 |
| DANSKAMMER__1 23586 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.14 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 40.88 2.49 0.00 | 36.76 2.24 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.41 0.00 | 41.22 2.59 0.00 | 48.57 2.96 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| DANSKAMMER__2 23589 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.14 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 40.88 2.49 0.00 | 36.76 2.24 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.41 0.00 | 41.22 2.59 0.00 | 48.57 2.96 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| DANSKAMMER__3 23590 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.14 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 40.88 2.49 0.00 | 36.76 2.24 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.41 0.00 | 41.22 2.59 0.00 | 48.57 2.96 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |

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| DANSKAMMER___4 23591 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.14 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 40.88 2.49 0.00 | 36.76 2.24 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.41 0.00 | 41.22 2.59 0.00 | 48.57 2.96 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| DANSKAMMER___DIESEL 23592 | 41.07 2.87 0.00 | 37.91 2.48 0.00 | 37.06 2.36 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.89 4.09 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 40.88 2.50 0.00 | 36.77 2.24 0.00 | 36.21 2.21 0.00 | 36.04 2.20 0.00 | 37.72 2.37 0.00 | 41.22 2.59 0.00 | 48.58 2.96 0.00 | 68.26 4.05 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.63 2.95 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| DARBY___SOLAR 323810 | 39.93 1.72 0.00 | 37.02 1.60 0.00 | 36.26 1.56 0.00 | 35.60 1.43 0.00 | 37.20 1.53 0.00 | 41.31 1.89 0.00 | 59.41 2.61 0.00 | 68.71 2.96 0.00 | 46.66 1.14 0.00 | 39.00 0.61 0.00 | 34.90 0.38 0.00 | 34.30 0.31 0.00 | 34.32 0.47 0.00 | 35.95 0.60 0.00 | 39.52 0.89 0.00 | 46.93 1.32 0.00 | 66.65 2.44 0.00 | 90.64 3.32 0.00 | 84.08 2.84 0.00 | 70.26 2.51 0.00 | 61.59 2.31 0.00 | 53.39 1.70 0.00 | 48.74 1.69 0.00 | 45.11 1.52 0.00 |
| DASHVILLE___HYD 23610 | 40.50 2.29 0.00 | 37.41 1.98 0.00 | 36.61 1.91 0.00 | 35.91 1.74 0.00 | 37.56 1.89 0.00 | 41.58 2.17 0.00 | 60.04 3.24 0.00 | 69.70 3.95 0.00 | 47.85 2.32 0.00 | 40.27 1.88 0.00 | 36.14 1.62 0.00 | 35.59 1.60 0.00 | 35.40 1.56 0.00 | 37.05 1.70 0.00 | 40.49 1.85 0.00 | 47.76 2.14 0.00 | 67.48 3.27 0.00 | 92.12 4.80 0.00 | 85.38 4.14 0.00 | 71.14 3.39 0.00 | 62.31 3.02 0.00 | 54.11 2.43 0.00 | 49.36 2.31 0.00 | 45.50 1.92 0.00 |
| DELAWARE___LFGE 323621 | 39.27 1.07 0.00 | 36.42 0.99 0.00 | 35.67 0.97 0.00 | 35.09 0.92 0.00 | 36.70 1.03 0.00 | 40.64 1.22 0.00 | 58.45 1.65 0.00 | 67.72 1.97 0.00 | 46.53 1.00 0.00 | 39.15 0.77 0.00 | 35.21 0.69 0.00 | 34.68 0.68 0.00 | 34.52 0.68 0.00 | 36.06 0.71 0.00 | 39.37 0.73 0.00 | 46.57 0.96 0.00 | 65.75 1.54 0.00 | 89.41 2.10 0.00 | 83.02 1.79 0.00 | 69.24 1.49 0.00 | 60.59 1.30 0.00 | 52.77 1.09 0.00 | 47.99 0.94 0.00 | 44.41 0.83 0.00 |
| DERFIELD_115KV_TB7 355931 | 38.40 0.19 0.00 | 35.60 0.18 0.00 | 34.91 0.21 0.00 | 34.34 0.17 0.00 | 35.88 0.21 0.00 | 39.65 0.24 0.00 | 57.08 0.28 0.00 | 66.15 0.39 0.00 | 45.66 0.14 0.00 | 38.50 0.12 0.00 | 34.63 0.10 0.00 | 34.10 0.10 0.00 | 33.94 0.10 0.00 | 35.46 0.11 0.00 | 38.75 0.12 0.00 | 45.79 0.18 0.00 | 64.47 0.26 0.00 | 87.67 0.35 0.00 | 81.48 0.24 0.00 | 67.95 0.20 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.19 0.14 0.00 | 43.71 0.13 0.00 |
| DOGLEVILLE___HYD 23807 | 39.89 1.68 0.00 | 37.02 1.59 0.00 | 36.23 1.53 0.00 | 35.67 1.50 0.00 | 37.31 1.64 0.00 | 41.31 1.89 0.00 | 59.30 2.50 0.00 | 68.51 2.76 0.00 | 47.25 1.73 0.00 | 39.73 1.34 0.00 | 35.73 1.21 0.00 | 35.29 1.29 0.00 | 35.13 1.29 0.00 | 36.66 1.31 0.00 | 40.06 1.43 0.00 | 47.48 1.87 0.00 | 66.91 2.70 0.00 | 91.07 3.75 0.00 | 84.89 3.66 0.00 | 70.93 3.18 0.00 | 62.07 2.79 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.98 2.40 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 35.30 -2.90 0.00 | 32.98 -2.44 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.35 -2.32 0.00 | 36.73 -2.68 0.00 | 51.46 -5.34 0.00 | 58.39 -7.36 0.00 | 40.74 -4.78 0.00 | 35.08 -3.30 0.00 | 31.72 -2.80 0.00 | 31.28 -2.72 0.00 | 31.00 -2.84 0.00 | 32.42 -2.93 0.00 | 35.23 -3.40 0.00 | 41.21 -4.38 0.02 | 57.96 -6.23 0.02 | 79.35 -7.95 0.02 | 74.66 -6.58 0.00 | 61.58 -6.17 0.00 | 53.52 -5.75 0.02 | 47.39 -4.29 0.00 | 42.47 -4.56 0.02 | 39.70 -3.88 0.00 |
| DUNKIRK___1 23563 | 35.30 -2.90 0.00 | 32.98 -2.44 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.35 -2.32 0.00 | 36.73 -2.68 0.00 | 51.46 -5.34 0.00 | 58.39 -7.36 0.00 | 40.74 -4.78 0.00 | 35.08 -3.30 0.00 | 31.72 -2.80 0.00 | 31.28 -2.72 0.00 | 31.00 -2.84 0.00 | 32.42 -2.93 0.00 | 35.23 -3.40 0.00 | 41.21 -4.38 0.02 | 57.96 -6.23 0.02 | 79.35 -7.95 0.02 | 74.66 -6.58 0.00 | 61.58 -6.17 0.00 | 53.52 -5.75 0.02 | 47.39 -4.29 0.00 | 42.47 -4.56 0.02 | 39.70 -3.88 0.00 |
| DUNKIRK___2 23564 | 35.30 -2.90 0.00 | 32.98 -2.44 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.35 -2.32 0.00 | 36.73 -2.68 0.00 | 51.46 -5.34 0.00 | 58.39 -7.36 0.00 | 40.74 -4.78 0.00 | 35.08 -3.30 0.00 | 31.72 -2.80 0.00 | 31.28 -2.72 0.00 | 31.00 -2.84 0.00 | 32.42 -2.93 0.00 | 35.23 -3.40 0.00 | 41.21 -4.38 0.02 | 57.96 -6.23 0.02 | 79.35 -7.95 0.02 | 74.66 -6.58 0.00 | 61.58 -6.17 0.00 | 53.52 -5.75 0.02 | 47.39 -4.29 0.00 | 42.47 -4.56 0.02 | 39.70 -3.88 0.00 |
| DUNKIRK___3 23565 | 35.38 -2.83 0.00 | 33.02 -2.41 0.00 | 32.34 -2.36 0.00 | 32.12 -2.05 0.00 | 33.38 -2.28 0.00 | 36.73 -2.68 0.00 | 51.40 -5.40 0.00 | 58.26 -7.50 0.00 | 40.70 -4.83 0.00 | 35.04 -3.34 0.00 | 31.72 -2.80 0.00 | 31.28 -2.72 0.00 | 31.03 -2.81 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.21 -4.38 0.02 | 57.90 -6.29 0.02 | 79.18 -8.12 0.02 | 74.41 -6.82 0.00 | 61.38 -6.37 0.00 | 53.34 -5.93 0.02 | 47.24 -4.44 0.00 | 42.37 -4.66 0.02 | 39.57 -4.01 0.00 |
| DUNKIRK___4 23566 | 35.38 -2.83 0.00 | 33.02 -2.41 0.00 | 32.34 -2.36 0.00 | 32.12 -2.05 0.00 | 33.38 -2.28 0.00 | 36.73 -2.68 0.00 | 51.40 -5.40 0.00 | 58.26 -7.50 0.00 | 40.70 -4.83 0.00 | 35.04 -3.34 0.00 | 31.72 -2.80 0.00 | 31.28 -2.72 0.00 | 31.03 -2.81 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.21 -4.38 0.02 | 57.90 -6.29 0.02 | 79.18 -8.12 0.02 | 74.41 -6.82 0.00 | 61.38 -6.37 0.00 | 53.34 -5.93 0.02 | 47.24 -4.44 0.00 | 42.37 -4.66 0.02 | 39.57 -4.01 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 41.19 2.98 0.00 | 38.01 2.59 0.00 | 37.13 2.43 0.00 | 36.46 2.29 0.00 | 38.09 2.43 0.00 | 42.29 2.88 0.00 | 61.00 4.20 0.00 | 71.08 5.33 0.00 | 48.85 3.32 0.00 | 41.30 2.92 0.00 | 37.21 2.69 0.00 | 36.68 2.69 0.00 | 36.51 2.67 0.00 | 38.21 2.86 0.00 | 41.72 3.09 0.00 | 48.94 3.33 0.00 | 68.38 4.17 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 40.96 2.75 0.00 | 37.84 2.41 0.00 | 36.99 2.29 0.00 | 36.29 2.12 0.00 | 37.95 2.28 0.00 | 42.09 2.68 0.00 | 60.72 3.92 0.00 | 70.62 4.87 0.00 | 48.35 2.82 0.00 | 40.76 2.38 0.00 | 36.66 2.14 0.00 | 36.14 2.14 0.00 | 35.97 2.13 0.00 | 37.61 2.26 0.00 | 41.10 2.47 0.00 | 48.39 2.78 0.00 | 67.93 3.72 0.00 | 92.64 5.33 0.00 | 85.87 4.63 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.67 2.09 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 41.84 3.63 -0.01 | 38.62 3.19 -0.01 | 37.73 3.02 -0.01 | 37.04 2.87 0.00 | 38.66 3.00 0.00 | 42.69 3.27 0.00 | 60.94 4.15 0.00 | 70.74 5.00 0.01 | 48.85 3.32 -0.01 | 41.42 3.03 -0.01 | 37.32 2.80 -0.01 | 36.82 2.82 -0.01 | 36.66 2.81 -0.01 | 38.33 2.97 -0.01 | 41.84 3.21 0.00 | 48.99 3.38 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.53 2.84 0.00 | 50.15 3.11 0.00 | 46.50 2.92 0.00 |

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| E179THST_13_KV_LOAD 356214 | 42.00 3.78 -0.01 | 38.73 3.29 -0.01 | 37.83 3.12 -0.01 | 37.14 2.97 0.00 | 38.81 3.14 0.00 | 42.80 3.39 0.00 | 61.17 4.37 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.50 2.97 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.25 4.05 0.01 | 92.99 5.68 0.01 | 86.10 4.87 0.01 | 71.67 3.93 0.01 | 62.90 3.62 0.00 | 54.73 3.05 0.00 | 50.34 3.29 0.00 | 46.68 3.09 0.00 |
| EAST HAMPTON___GT 23717 | 39.58 1.37 0.00 | 36.28 0.85 0.00 | 35.22 0.52 0.00 | 34.58 0.41 0.00 | 36.27 0.61 0.00 | 40.52 1.10 0.00 | 57.34 1.19 0.65 | 66.25 1.78 1.28 | 45.93 0.41 0.01 | 30.40 0.61 8.59 | 35.38 0.86 0.01 | 32.36 0.99 2.62 | 33.88 0.95 0.90 | 36.55 1.20 0.01 | 39.95 1.31 0.00 | 46.01 0.69 0.28 | 64.47 1.61 1.34 | 86.50 2.01 2.83 | 80.45 1.62 2.41 | 68.60 2.44 1.58 | 59.60 1.30 0.98 | 51.83 0.62 0.47 | 45.44 -0.28 1.32 | 35.15 0.18 8.61 |
| EAST RIVER___6 23660 | 41.37 3.17 0.00 | 38.16 2.73 0.00 | 37.27 2.57 0.00 | 36.56 2.39 0.00 | 38.16 2.50 0.00 | 42.45 3.04 0.00 | 61.23 4.43 0.00 | 71.41 5.66 0.00 | 49.12 3.60 0.00 | 41.61 3.22 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.84 4.63 0.00 | 93.78 6.46 0.00 | 86.68 5.44 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |
| EAST RIVER___7 23524 | 41.37 3.17 0.00 | 38.16 2.73 0.00 | 37.27 2.57 0.00 | 36.56 2.39 0.00 | 38.16 2.50 0.00 | 42.45 3.04 0.00 | 61.23 4.43 0.00 | 71.41 5.66 0.00 | 49.12 3.60 0.00 | 41.61 3.22 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.84 4.63 0.00 | 93.78 6.46 0.00 | 86.68 5.44 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 60.89 4.09 0.00 | 70.95 5.19 0.00 | 48.71 3.19 0.00 | 41.15 2.76 0.00 | 37.08 2.55 0.00 | 36.55 2.55 0.00 | 36.38 2.54 0.00 | 38.04 2.69 0.00 | 41.57 2.94 0.00 | 48.76 3.15 0.00 | 68.19 3.98 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 71.68 3.93 0.00 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 49.68 2.63 0.00 | 45.81 2.22 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 39.50 1.30 0.00 | 36.20 0.78 0.00 | 35.15 0.45 0.00 | 34.51 0.34 0.00 | 36.20 0.54 0.00 | 40.44 1.02 0.00 | 57.22 1.08 0.65 | 66.05 1.58 1.28 | 45.79 0.27 0.01 | 30.29 0.50 8.60 | 35.28 0.76 0.01 | 32.26 0.88 2.62 | 33.82 0.88 0.90 | 36.44 1.10 0.01 | 39.83 1.20 0.00 | 45.88 0.55 0.28 | 64.28 1.41 1.34 | 86.24 1.75 2.83 | 80.21 1.38 2.41 | 68.40 2.23 1.58 | 59.42 1.12 0.98 | 51.68 0.46 0.47 | 45.35 -0.38 1.32 | 35.06 0.09 8.61 |
| EAST_POINT___SOLAR 323840 | 39.39 1.19 0.00 | 36.53 1.10 0.00 | 35.81 1.11 0.00 | 35.12 0.96 0.00 | 36.77 1.11 0.00 | 41.07 1.66 0.00 | 59.24 2.44 0.00 | 66.94 1.18 0.00 | 43.98 -1.55 0.00 | 36.27 -2.11 0.00 | 32.76 -1.76 0.00 | 32.37 -1.63 0.00 | 32.22 -1.62 0.00 | 33.73 -1.63 0.00 | 37.20 -1.43 0.00 | 45.20 -0.41 0.00 | 66.07 1.86 0.00 | 90.20 2.88 0.00 | 83.91 2.68 0.00 | 69.98 2.23 0.00 | 61.24 1.95 0.00 | 53.39 1.70 0.00 | 48.46 1.41 0.00 | 44.63 1.04 0.00 |
| EAST_PULASKI___ESR 323781 | 37.48 -0.73 0.00 | 34.79 -0.64 0.00 | 34.04 -0.66 0.00 | 33.56 -0.61 0.00 | 35.10 -0.57 0.00 | 38.82 -0.59 0.00 | 55.83 -0.97 0.00 | 64.57 -1.18 0.00 | 44.43 -1.09 0.00 | 37.46 -0.92 0.00 | 33.69 -0.83 0.00 | 33.18 -0.82 0.00 | 33.03 -0.81 0.00 | 34.50 -0.85 0.00 | 37.59 -1.04 0.00 | 44.61 -1.00 0.00 | 62.86 -1.35 0.00 | 85.66 -1.66 0.00 | 79.85 -1.38 0.00 | 66.60 -1.15 0.00 | 58.10 -1.19 0.00 | 50.75 -0.93 0.00 | 46.06 -0.99 0.00 | 42.67 -0.92 0.00 |
| EAST_RIVER___1 323558 | 41.49 3.29 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.54 5.79 0.00 | 49.21 3.69 0.00 | 41.69 3.30 0.00 | 37.57 3.04 0.00 | 37.09 3.09 0.00 | 36.93 3.08 0.00 | 38.61 3.25 0.00 | 42.11 3.48 0.00 | 49.30 3.69 0.00 | 68.89 4.68 0.00 | 93.78 6.46 0.00 | 86.68 5.44 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 55.04 3.36 0.00 | 50.11 3.06 0.00 | 46.24 2.66 0.00 |
| EAST_RIVER___2 323559 | 41.37 3.17 0.00 | 38.16 2.73 0.00 | 37.27 2.57 0.00 | 36.56 2.39 0.00 | 38.16 2.50 0.00 | 42.45 3.04 0.00 | 61.23 4.43 0.00 | 71.41 5.66 0.00 | 49.12 3.60 0.00 | 41.61 3.22 0.00 | 37.53 3.00 0.00 | 37.03 3.02 0.00 | 36.89 3.05 0.00 | 38.57 3.22 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.84 4.63 0.00 | 93.78 6.46 0.00 | 86.68 5.44 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |
| EAST___DELAWARE_HYD 23607 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.06 2.39 0.00 | 42.29 2.88 0.00 | 61.11 4.31 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 40.77 2.38 0.00 | 36.63 2.11 0.00 | 36.07 2.07 0.00 | 35.91 2.06 0.00 | 37.54 2.19 0.00 | 40.99 2.36 0.00 | 48.44 2.83 0.00 | 68.45 4.24 0.00 | 93.52 6.20 0.00 | 86.68 5.44 0.00 | 72.22 4.47 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 49.97 2.92 0.00 | 46.02 2.44 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 34.77 -3.44 0.00 | 32.24 -3.19 0.00 | 31.78 -2.91 0.00 | 31.54 -2.63 0.00 | 32.96 -2.71 0.00 | 36.50 -2.92 0.00 | 51.52 -5.28 0.00 | 59.44 -6.31 0.00 | 40.79 -4.74 0.00 | 34.82 -3.57 0.00 | 31.14 -3.38 0.00 | 30.60 -3.40 0.00 | 30.32 -3.52 0.00 | 31.78 -3.57 0.00 | 34.58 -4.06 0.00 | 40.46 -5.11 0.05 | 57.55 -6.61 0.05 | 78.97 -8.30 0.05 | 74.58 -6.66 0.00 | 61.65 -6.10 0.00 | 53.60 -5.63 0.05 | 47.03 -4.65 0.00 | 42.44 -4.56 0.05 | 39.66 -3.92 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 37.52 -0.69 0.00 | 34.82 -0.60 0.00 | 34.11 -0.59 0.00 | 33.62 -0.55 0.00 | 35.10 -0.57 0.00 | 38.86 -0.55 0.00 | 55.83 -0.97 0.00 | 64.63 -1.12 0.00 | 44.61 -0.91 0.00 | 37.62 -0.77 0.00 | 33.87 -0.66 0.00 | 33.35 -0.65 0.00 | 33.20 -0.64 0.00 | 34.68 -0.67 0.00 | 37.82 -0.81 0.00 | 44.79 -0.82 0.00 | 62.86 -1.35 0.00 | 85.75 -1.57 0.00 | 79.85 -1.38 0.00 | 66.46 -1.29 0.00 | 57.98 -1.30 0.00 | 50.60 -1.09 0.00 | 45.88 -1.18 0.00 | 42.49 -1.09 0.00 |
| ELEC_TRO_TEK 24086 | 40.88 2.67 0.00 | 37.55 2.13 0.00 | 36.61 1.91 0.00 | 35.91 1.74 0.00 | 37.63 1.96 0.00 | 41.90 2.48 0.00 | 60.26 3.46 0.00 | 70.22 4.47 0.00 | 48.11 2.59 0.01 | 40.95 2.57 0.01 | 37.00 2.49 0.01 | 36.58 2.58 0.01 | 36.38 2.54 0.01 | 38.10 2.76 0.01 | 41.57 2.94 0.00 | 48.35 2.74 0.00 | 68.28 4.05 -0.02 | 92.47 5.15 0.00 | 86.37 5.12 -0.02 | 72.51 4.74 -0.02 | 62.92 3.62 -0.02 | 54.39 2.69 -0.02 | 49.03 1.98 0.00 | 45.41 1.83 0.00 |
| ELLENBURG_WT_PWR 323604 | 37.18 -1.03 0.00 | 34.47 -0.95 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.35 -1.06 0.00 | 55.66 -1.14 0.00 | 64.30 -1.45 0.00 | 44.57 -0.96 0.00 | 37.39 -1.00 0.00 | 33.59 -0.93 0.00 | 32.98 -1.02 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.51 -1.12 0.00 | 44.33 -1.28 0.00 | 62.93 -1.28 0.00 | 85.75 -1.57 0.00 | 80.26 -0.97 0.00 | 67.00 -0.74 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.00 -0.05 0.00 | 43.67 0.09 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 35.34 -2.87 0.00 | 33.02 -2.41 0.00 | 32.34 -2.36 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.58 -2.84 0.00 | 50.89 -5.91 0.00 | 57.66 -8.09 0.00 | 40.47 -5.05 0.00 | 34.97 -3.42 0.00 | 31.73 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.49 -2.86 0.00 | 35.27 -3.36 0.00 | 41.22 -4.38 0.02 | 57.64 -6.55 0.02 | 78.48 -8.82 0.02 | 73.76 -7.47 0.00 | 60.77 -6.98 0.00 | 52.81 -6.46 0.02 | 46.88 -4.81 0.00 | 41.95 -5.08 0.02 | 39.31 -4.27 0.00 |
| EMPIRE_CC_1 323656 | 39.39 1.19 0.00 | 36.56 1.13 0.00 | 35.81 1.11 0.00 | 35.19 1.02 0.00 | 36.74 1.07 0.00 | 40.60 1.18 0.00 | 58.39 1.59 0.00 | 67.53 1.78 0.00 | 44.89 -0.64 0.00 | 37.85 -0.54 0.00 | 34.11 -0.41 0.00 | 33.59 -0.41 0.00 | 34.45 0.61 0.00 | 35.99 0.64 0.00 | 39.48 0.85 0.00 | 46.61 1.00 0.00 | 65.49 1.28 0.00 | 88.80 1.48 0.00 | 82.21 0.98 0.00 | 68.83 1.08 0.00 | 60.35 1.07 0.00 | 52.41 0.72 0.00 | 47.90 0.85 0.00 | 44.37 0.79 0.00 |
| EMPIRE_CC_2 323658 | 39.39 1.19 0.00 | 36.56 1.13 0.00 | 35.81 1.11 0.00 | 35.19 1.02 0.00 | 36.74 1.07 0.00 | 40.60 1.18 0.00 | 58.39 1.59 0.00 | 67.53 1.78 0.00 | 44.89 -0.64 0.00 | 37.85 -0.54 0.00 | 34.11 -0.41 0.00 | 33.59 -0.41 0.00 | 34.45 0.61 0.00 | 35.99 0.64 0.00 | 39.48 0.85 0.00 | 46.61 1.00 0.00 | 65.49 1.28 0.00 | 88.80 1.48 0.00 | 82.21 0.98 0.00 | 68.83 1.08 0.00 | 60.35 1.07 0.00 | 52.41 0.72 0.00 | 47.90 0.85 0.00 | 44.37 0.79 0.00 |
| ENORWICH_115KV_TB1 80156 | 39.31 1.11 0.00 | 36.60 1.17 0.00 | 35.77 1.08 0.00 | 35.13 0.96 0.00 | 37.02 1.36 0.00 | 41.35 1.93 0.00 | 59.58 2.78 0.00 | 68.71 2.96 0.00 | 46.80 1.27 0.00 | 38.85 0.46 0.00 | 34.87 0.35 0.00 | 34.20 0.20 0.00 | 34.01 0.17 0.00 | 35.56 0.21 0.00 | 38.86 0.23 0.00 | 46.59 0.96 -0.02 | 66.99 2.76 -0.02 | 91.88 4.54 -0.02 | 85.62 4.39 0.00 | 71.34 3.59 0.00 | 62.09 2.79 -0.02 | 54.06 2.38 0.00 | 49.09 2.02 -0.02 | 45.41 1.83 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 35.49 -2.71 0.00 | 33.16 -2.27 0.00 | 32.41 -2.29 0.00 | 32.22 -1.95 0.00 | 33.46 -2.21 0.00 | 36.77 -2.64 0.00 | 51.35 -5.45 0.00 | 58.19 -7.56 0.00 | 40.61 -4.92 0.00 | 35.04 -3.34 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.07 -2.78 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.31 -4.29 0.02 | 58.35 -5.84 0.02 | 79.18 -8.12 0.02 | 74.41 -6.82 0.00 | 61.24 -6.50 0.00 | 53.34 -5.93 0.02 | 47.13 -4.55 0.00 | 42.52 -4.52 0.02 | 39.53 -4.05 0.00 |
| ERIE_WT_PWR 323693 | 35.49 -2.71 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.42 -2.25 0.00 | 36.65 -2.76 0.00 | 51.12 -5.68 0.00 | 58.19 -7.56 0.00 | 40.47 -5.05 0.00 | 35.35 -3.03 0.00 | 31.83 -2.69 0.00 | 31.31 -2.69 0.00 | 31.13 -2.71 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.30 -4.29 0.02 | 57.83 -6.36 0.02 | 78.75 -8.55 0.02 | 74.17 -7.07 0.00 | 61.04 0.88 0.00 | 53.04 -6.22 0.02 | 46.77 -4.91 0.00 | 42.19 -4.85 0.02 | 39.48 -4.10 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 38.66 0.46 0.00 | 35.85 0.43 0.00 | 35.12 0.42 0.00 | 34.51 0.34 0.00 | 36.13 0.46 0.00 | 40.24 0.83 0.00 | 57.93 1.14 0.00 | 66.61 0.85 0.00 | 45.16 -0.36 0.00 | 37.66 -0.73 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.17 -0.68 0.00 | 34.68 -0.67 0.00 | 38.01 -0.62 0.00 | 45.38 -0.23 0.00 | 65.11 0.90 0.00 | 88.54 1.22 0.00 | 82.37 1.14 0.00 | 68.63 0.88 0.00 | 59.94 0.65 0.00 | 52.35 0.67 0.00 | 47.52 0.47 0.00 | 43.84 0.26 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.34 0.17 0.00 | 35.95 0.29 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.34 0.59 0.00 | 45.61 0.09 0.00 | 38.31 -0.08 0.00 | 34.38 -0.14 0.00 | 33.83 -0.17 0.00 | 33.64 -0.20 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.66 0.00 -0.04 | 64.45 0.19 -0.04 | 88.06 0.70 -0.04 | 82.05 0.81 0.00 | 68.22 0.47 0.00 | 59.57 0.24 -0.04 | 51.89 0.21 0.00 | 47.09 0.00 -0.04 | 43.54 -0.04 0.00 |
| ETNA_____115KV_TB2 80207 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.34 0.17 0.00 | 35.95 0.29 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.34 0.59 0.00 | 45.61 0.09 0.00 | 38.31 -0.08 0.00 | 34.38 -0.14 0.00 | 33.83 -0.17 0.00 | 33.64 -0.20 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.66 0.00 -0.04 | 64.45 0.19 -0.04 | 88.06 0.70 -0.04 | 82.05 0.81 0.00 | 68.22 0.47 0.00 | 59.57 0.24 -0.04 | 51.89 0.21 0.00 | 47.09 0.00 -0.04 | 43.54 -0.04 0.00 |
| EUCLID___115KV_TB2 356179 | 37.36 -0.84 0.00 | 34.68 -0.74 0.00 | 33.97 -0.73 0.00 | 33.45 -0.72 0.00 | 34.95 -0.71 0.00 | 38.63 -0.79 0.00 | 55.49 -1.31 0.00 | 64.24 -1.51 0.00 | 44.39 -1.14 0.00 | 37.46 -0.92 0.00 | 33.76 -0.76 0.00 | 33.25 -0.75 0.00 | 33.10 -0.74 0.00 | 34.57 -0.78 0.00 | 37.71 -0.93 0.00 | 44.61 -1.00 0.00 | 62.54 -1.67 0.00 | 85.22 -2.10 0.00 | 79.37 -1.87 0.00 | 66.05 -1.69 0.00 | 57.62 -1.66 0.00 | 50.34 -1.34 0.00 | 45.64 -1.41 0.00 | 42.32 -1.26 0.00 |
| E_CANADA_CAP_HY 24051 | 38.59 0.38 0.00 | 35.78 0.35 0.00 | 35.05 0.35 0.00 | 34.41 0.24 0.00 | 35.99 0.32 0.00 | 40.20 0.79 0.00 | 57.76 0.96 0.00 | 65.95 0.20 0.00 | 44.11 -1.41 0.00 | 36.50 -1.88 0.00 | 32.97 -1.55 0.00 | 32.47 -1.53 0.00 | 32.32 -1.52 0.00 | 33.83 -1.52 0.00 | 37.20 -1.43 0.00 | 44.79 -0.82 0.00 | 64.79 0.58 0.00 | 88.01 0.70 0.00 | 81.88 0.65 0.00 | 68.29 0.54 0.00 | 59.76 0.47 0.00 | 52.25 0.57 0.00 | 47.42 0.37 0.00 | 43.71 0.13 0.00 |
| E_CANADA_MHWK_HY 24050 | 39.88 1.68 0.00 | 37.02 1.60 0.00 | 36.22 1.53 0.00 | 35.67 1.50 0.00 | 37.31 1.64 0.00 | 41.31 1.89 0.00 | 59.29 2.50 0.00 | 68.58 2.83 0.00 | 47.25 1.73 0.00 | 39.73 1.34 0.00 | 35.73 1.21 0.00 | 35.29 1.29 0.00 | 35.13 1.29 0.00 | 36.66 1.31 0.00 | 40.06 1.43 0.00 | 47.48 1.87 0.00 | 66.97 2.76 0.00 | 91.07 3.75 0.00 | 84.89 3.66 0.00 | 70.93 3.18 0.00 | 62.07 2.79 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.98 2.40 0.00 |
| E_FISHKILL___LBMP 23776 | 40.80 2.60 0.00 | 37.69 2.27 0.00 | 36.85 2.15 0.00 | 36.19 2.02 0.00 | 37.81 2.14 0.00 | 41.94 2.52 0.00 | 60.38 3.58 0.00 | 70.29 4.54 0.00 | 48.30 2.78 0.00 | 40.80 2.42 0.00 | 36.73 2.21 0.00 | 36.21 2.21 0.00 | 36.04 2.20 0.00 | 37.72 2.37 0.00 | 41.18 2.55 0.00 | 48.35 2.74 0.00 | 67.68 3.47 0.00 | 92.12 4.80 0.00 | 85.30 4.06 0.00 | 71.14 3.39 0.00 | 62.31 3.02 0.00 | 54.16 2.48 0.00 | 49.36 2.31 0.00 | 45.54 1.96 0.00 |
| FALCON___SEABRD_CC1 323796 | 37.21 -0.99 0.00 | 34.51 -0.92 0.00 | 33.73 -0.97 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.43 -0.98 0.00 | 55.83 -0.97 0.00 | 64.44 -1.31 0.00 | 44.71 -0.82 0.00 | 37.50 -0.88 0.00 | 33.66 -0.86 0.00 | 33.04 -0.95 0.00 | 32.83 -1.01 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.12 -1.09 0.00 | 85.92 -1.40 0.00 | 80.50 -0.73 0.00 | 67.20 -0.54 0.00 | 59.11 -0.18 0.00 | 51.58 -0.10 0.00 | 47.24 0.19 0.00 | 43.89 0.31 0.00 |
| FALCON___SEABRD_CC2 323797 | 37.21 -0.99 0.00 | 34.51 -0.92 0.00 | 33.73 -0.97 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.43 -0.98 0.00 | 55.83 -0.97 0.00 | 64.44 -1.31 0.00 | 44.71 -0.82 0.00 | 37.50 -0.88 0.00 | 33.66 -0.86 0.00 | 33.04 -0.95 0.00 | 32.83 -1.01 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.12 -1.09 0.00 | 85.92 -1.40 0.00 | 80.50 -0.73 0.00 | 67.20 -0.54 0.00 | 59.11 -0.18 0.00 | 51.58 -0.10 0.00 | 47.24 0.19 0.00 | 43.89 0.31 0.00 |

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| FAR ROCKAWAY___4 23548 | 41.30 3.09 0.00 | 37.94 2.52 0.00 | 36.95 2.26 0.00 | 36.29 2.12 0.00 | 37.99 2.32 0.00 | 42.33 2.92 0.00 | 60.94 4.15 0.00 | 70.95 5.19 0.00 | 48.52 3.00 0.01 | 41.34 2.96 0.01 | 37.38 2.87 0.01 | 36.92 2.92 0.01 | 36.75 2.91 0.01 | 38.49 3.15 0.01 | 42.03 3.40 0.00 | 48.90 3.28 0.00 | 69.21 4.94 -0.05 | 93.61 6.29 0.00 | 87.71 6.42 -0.06 | 73.63 5.83 -0.05 | 63.84 4.51 -0.05 | 55.15 3.41 -0.05 | 49.59 2.54 0.00 | 45.89 2.31 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 41.53 3.32 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.54 3.18 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.69 6.37 0.00 | 86.68 5.44 0.00 | 72.22 4.47 0.00 | 63.32 4.03 0.00 | 54.99 3.31 0.00 | 50.11 3.06 0.00 | 46.24 2.66 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 41.53 3.32 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.57 3.22 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.78 6.46 0.00 | 86.76 5.52 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.15 3.11 0.00 | 46.24 2.66 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 41.49 3.29 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.54 5.79 0.00 | 49.22 3.69 0.00 | 41.65 3.26 0.00 | 37.53 3.00 0.00 | 37.03 3.03 0.00 | 36.83 2.98 0.00 | 38.54 3.18 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.77 4.56 0.00 | 93.69 6.37 0.00 | 86.68 5.44 0.00 | 72.15 4.40 0.00 | 63.32 4.03 0.00 | 54.94 3.26 0.00 | 50.11 3.06 0.00 | 46.20 2.61 0.00 |
| FARRAGUT___LBMP 323566 | 41.45 3.25 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.47 5.72 0.00 | 49.17 3.64 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.79 2.94 0.00 | 38.50 3.15 0.00 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| FENNER___WINDPWR 24204 | 38.63 0.42 0.00 | 35.85 0.43 0.00 | 35.12 0.42 0.00 | 34.55 0.38 0.00 | 36.17 0.50 0.00 | 40.12 0.71 0.00 | 57.82 1.02 0.00 | 66.87 1.12 0.00 | 45.98 0.46 0.00 | 38.62 0.23 0.00 | 34.70 0.17 0.00 | 34.13 0.14 0.00 | 33.98 0.14 0.00 | 35.53 0.18 0.00 | 38.75 0.12 0.00 | 45.98 0.36 -0.01 | 65.05 0.83 -0.01 | 88.64 1.31 -0.01 | 82.46 1.22 0.00 | 68.70 0.95 0.00 | 59.95 0.65 -0.01 | 52.31 0.62 0.00 | 47.53 0.47 -0.01 | 43.97 0.39 0.00 |
| FIBERTEK___ENERGY 23856 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| FITZPATRICK___ 23598 | 36.87 -1.34 0.00 | 34.22 -1.20 0.00 | 33.52 -1.18 0.00 | 33.04 -1.13 0.00 | 34.45 -1.21 0.00 | 38.07 -1.34 0.00 | 54.70 -2.10 0.00 | 63.39 -2.36 0.00 | 43.75 -1.78 0.00 | 36.97 -1.42 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.66 -1.19 0.00 | 34.11 -1.24 0.00 | 37.16 -1.47 0.00 | 43.97 -1.64 0.00 | 61.64 -2.57 0.00 | 83.91 -3.41 0.00 | 78.15 -3.09 0.00 | 65.11 -2.64 0.00 | 56.85 -2.43 0.00 | 49.61 -2.07 0.00 | 45.08 -1.97 0.00 | 41.79 -1.79 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 41.11 2.90 0.00 | 37.98 2.55 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.00 | 48.62 3.10 0.00 | 40.92 2.53 0.00 | 36.80 2.28 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.40 0.00 | 41.26 2.63 0.00 | 48.67 3.06 0.00 | 68.38 4.17 0.00 | 93.34 6.02 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.08 3.79 0.00 | 54.73 3.05 0.00 | 49.87 2.82 0.00 | 45.94 2.35 0.00 |
| FORT ORANGE___ 23900 | 39.46 1.26 0.00 | 36.59 1.17 0.00 | 35.84 1.14 0.00 | 35.23 1.06 0.00 | 36.77 1.11 0.00 | 40.64 1.22 0.00 | 58.56 1.76 0.00 | 67.79 2.04 0.00 | 45.75 0.23 0.00 | 38.54 0.15 0.00 | 34.63 0.10 0.00 | 34.06 0.07 0.00 | 34.45 0.61 0.00 | 36.02 0.67 0.00 | 39.44 0.81 0.00 | 46.57 0.96 0.00 | 65.82 1.61 0.00 | 89.41 2.09 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.77 1.48 0.00 | 52.72 1.03 0.00 | 48.08 1.03 0.00 | 44.50 0.92 0.00 |
| FORT_DRUM_COGEN 23780 | 38.09 -0.11 0.00 | 35.46 0.04 0.00 | 34.66 -0.03 0.00 | 34.03 -0.14 0.00 | 35.74 0.07 0.00 | 39.73 0.32 0.00 | 57.37 0.57 0.00 | 66.15 0.39 0.00 | 45.21 -0.32 0.00 | 37.62 -0.77 0.00 | 33.87 -0.66 0.00 | 33.21 -0.78 0.00 | 33.13 -0.71 0.00 | 34.54 -0.81 0.00 | 37.71 -0.93 0.00 | 45.02 -0.59 0.00 | 64.21 0.00 0.00 | 87.67 0.35 0.00 | 82.05 0.81 0.00 | 68.56 0.81 0.00 | 59.70 0.41 0.00 | 52.35 0.67 0.00 | 47.57 0.52 0.00 | 43.98 0.39 0.00 |
| FOX_HILLS___ESR 323835 | 42.03 3.82 -0.01 | 38.77 3.33 -0.01 | 37.86 3.16 -0.01 | 37.18 3.01 0.00 | 38.84 3.17 0.00 | 42.88 3.47 0.00 | 60.89 4.09 0.00 | 70.68 4.93 0.01 | 48.94 3.41 -0.01 | 41.50 3.11 -0.01 | 37.39 2.87 -0.01 | 36.89 2.89 -0.01 | 36.72 2.88 -0.01 | 38.43 3.08 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 67.73 3.53 0.01 | 92.55 5.24 0.01 | 85.78 4.55 0.01 | 71.40 3.66 0.01 | 62.60 3.32 0.00 | 54.73 3.05 0.00 | 50.48 3.43 0.00 | 46.72 3.14 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 41.34 3.13 0.00 | 37.98 2.55 0.00 | 36.96 2.25 0.00 | 36.26 2.08 0.00 | 37.99 2.32 0.00 | 42.34 2.92 0.00 | 60.95 4.14 0.00 | 70.89 5.13 0.00 | 48.52 3.00 0.01 | 41.30 2.92 0.01 | 37.38 2.86 0.01 | 37.02 3.02 0.01 | 36.85 3.01 0.01 | 38.56 3.22 0.01 | 42.03 3.40 0.00 | 48.90 3.29 0.00 | 69.21 4.94 -0.05 | 93.52 6.20 0.00 | 86.89 5.60 -0.06 | 73.56 5.76 -0.05 | 63.84 4.50 -0.05 | 55.25 3.52 -0.05 | 49.59 2.54 0.00 | 45.85 2.26 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 41.34 3.13 0.00 | 37.98 2.55 0.00 | 36.96 2.25 0.00 | 36.26 2.08 0.00 | 37.99 2.32 0.00 | 42.34 2.92 0.00 | 60.95 4.14 0.00 | 70.89 5.13 0.00 | 48.52 3.00 0.01 | 41.30 2.92 0.01 | 37.38 2.86 0.01 | 37.02 3.02 0.01 | 36.85 3.01 0.01 | 38.56 3.22 0.01 | 42.03 3.40 0.00 | 48.90 3.29 0.00 | 69.21 4.94 -0.05 | 93.52 6.20 0.00 | 86.89 5.60 -0.06 | 73.56 5.76 -0.05 | 63.84 4.50 -0.05 | 55.25 3.52 -0.05 | 49.59 2.54 0.00 | 45.85 2.26 0.00 |
| FRANKLIN_FALL_HYD 24054 | 37.71 -0.50 0.00 | 34.97 -0.46 0.00 | 34.18 -0.52 0.00 | 33.73 -0.44 0.00 | 35.13 -0.54 0.00 | 38.98 -0.43 0.00 | 56.74 -0.06 0.00 | 65.49 -0.26 0.00 | 45.34 -0.18 0.00 | 38.00 -0.38 0.00 | 34.11 -0.41 0.00 | 33.45 -0.54 0.00 | 33.23 -0.61 0.00 | 34.65 -0.71 0.00 | 37.98 -0.66 0.00 | 44.93 -0.68 0.00 | 63.95 -0.26 0.00 | 86.79 -0.52 0.00 | 81.48 0.24 0.00 | 68.02 0.27 0.00 | 59.82 0.53 0.00 | 52.20 0.52 0.00 | 47.85 0.80 0.00 | 44.37 0.78 0.00 |

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| FREEPORT_EQUUS_GT1 23764 | 40.99 2.79 0.00 | 37.70 2.27 0.00 | 36.68 1.98 0.00 | 35.98 1.81 0.00 | 37.66 2.00 0.00 | 42.02 2.60 0.00 | 60.44 3.64 0.00 | 70.35 4.60 0.00 | 48.16 2.64 0.01 | 40.99 2.61 0.01 | 37.07 2.55 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.28 2.93 0.01 | 41.72 3.09 0.00 | 48.49 2.88 0.00 | 68.60 4.37 -0.02 | 92.82 5.50 0.00 | 86.13 4.87 -0.02 | 72.85 5.08 -0.02 | 63.27 3.97 -0.02 | 54.75 3.05 -0.02 | 49.17 2.12 0.00 | 45.55 1.96 0.00 |
| FREEPORT___CT2 23818 | 40.99 2.79 0.00 | 37.70 2.27 0.00 | 36.68 1.98 0.00 | 35.98 1.81 0.00 | 37.66 2.00 0.00 | 42.02 2.60 0.00 | 60.44 3.64 0.00 | 70.35 4.60 0.00 | 48.16 2.64 0.01 | 40.99 2.61 0.01 | 37.07 2.55 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.28 2.93 0.01 | 41.72 3.09 0.00 | 48.49 2.88 0.00 | 68.60 4.37 -0.02 | 92.82 5.50 0.00 | 86.13 4.87 -0.02 | 72.85 5.08 -0.02 | 63.27 3.97 -0.02 | 54.75 3.05 -0.02 | 49.17 2.12 0.00 | 45.55 1.96 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 42.30 4.09 -0.01 | 39.01 3.58 -0.01 | 38.11 3.40 -0.01 | 37.45 3.28 0.00 | 39.09 3.42 0.00 | 43.12 3.70 0.00 | 60.94 4.15 0.00 | 70.68 4.93 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 42.07 3.44 0.00 | 49.35 3.74 0.00 | 67.73 3.53 0.01 | 92.55 5.24 0.01 | 85.86 4.63 0.01 | 71.47 3.73 0.01 | 62.66 3.38 0.00 | 54.84 3.15 0.00 | 50.72 3.67 0.00 | 47.03 3.44 0.00 |
| FULTON COGEN____ 23766 | 37.17 -1.03 0.00 | 34.51 -0.92 0.00 | 33.80 -0.90 0.00 | 33.28 -0.89 0.00 | 34.78 -0.89 0.00 | 38.47 -0.95 0.00 | 55.32 -1.48 0.00 | 64.04 -1.71 0.00 | 44.20 -1.32 0.00 | 37.27 -1.11 0.00 | 33.59 -0.93 0.00 | 33.08 -0.92 0.00 | 32.93 -0.91 0.00 | 34.40 -0.95 0.00 | 37.51 -1.12 0.00 | 44.38 -1.23 0.00 | 62.28 -1.93 0.00 | 84.96 -2.36 0.00 | 79.12 -2.11 0.00 | 65.85 -1.90 0.00 | 57.45 -1.84 0.00 | 50.18 -1.50 0.00 | 45.50 -1.55 0.00 | 42.14 -1.44 0.00 |
| FULTON___LFGE 323630 | 39.39 1.19 0.00 | 36.53 1.10 0.00 | 35.78 1.08 0.00 | 35.12 0.96 0.00 | 36.74 1.07 0.00 | 40.99 1.58 0.00 | 59.07 2.27 0.00 | 67.53 1.78 0.00 | 45.07 -0.46 0.00 | 37.23 -1.15 0.00 | 33.42 -1.11 0.00 | 32.88 -1.12 0.00 | 32.76 -1.08 0.00 | 34.40 -0.95 0.00 | 37.94 -0.69 0.00 | 45.75 0.14 0.00 | 66.13 1.92 0.00 | 90.03 2.71 0.00 | 83.76 2.52 0.00 | 69.85 2.10 0.00 | 61.12 1.84 0.00 | 53.23 1.55 0.00 | 48.37 1.32 0.00 | 44.59 1.00 0.00 |
| G.F.CEMENT___DRP 24184 | 39.96 1.76 0.00 | 37.06 1.63 0.00 | 36.29 1.60 0.00 | 35.64 1.47 0.00 | 37.24 1.57 0.00 | 41.42 2.01 0.00 | 59.58 2.78 0.00 | 68.91 3.16 0.00 | 46.71 1.18 0.00 | 39.73 1.34 0.00 | 35.49 0.97 0.00 | 34.91 0.92 0.00 | 34.86 1.02 0.00 | 36.52 1.17 0.00 | 40.10 1.47 0.00 | 46.89 1.28 0.00 | 66.65 2.44 0.00 | 90.81 3.49 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.77 2.49 0.00 | 53.49 1.81 0.00 | 48.84 1.79 0.00 | 45.15 1.57 0.00 |
| GARDENVILLE___LBMP 24039 | 35.19 -3.02 0.00 | 32.91 -2.52 0.00 | 32.24 -2.46 0.00 | 32.02 -2.15 0.00 | 33.24 -2.43 0.00 | 36.54 -2.88 0.00 | 50.83 -5.96 0.00 | 57.66 -8.09 0.00 | 40.33 -5.19 0.00 | 34.78 -3.61 0.00 | 31.52 -3.00 0.00 | 31.07 -2.92 0.00 | 30.86 -2.98 0.00 | 32.28 -3.08 0.00 | 35.04 -3.59 0.00 | 40.94 -4.65 0.02 | 57.51 -6.68 0.02 | 78.30 -8.99 0.02 | 73.68 -7.55 0.00 | 60.70 -7.05 0.00 | 52.74 -6.52 0.02 | 46.77 -4.91 0.00 | 42.00 -5.03 0.02 | 39.27 -4.31 0.00 |
| GARDNVLA_35_KV_LD 355827 | 35.53 -2.67 0.00 | 33.20 -2.23 0.00 | 32.48 -2.22 0.00 | 32.26 -1.91 0.00 | 33.49 -2.18 0.00 | 36.81 -2.60 0.00 | 51.29 -5.51 0.00 | 58.19 -7.56 0.00 | 40.74 -4.78 0.00 | 35.16 -3.22 0.00 | 31.86 -2.66 0.00 | 31.44 -2.55 0.00 | 31.23 -2.61 0.00 | 32.66 -2.69 0.00 | 35.46 -3.17 0.00 | 41.44 -4.15 0.02 | 58.16 -6.04 0.02 | 79.27 -8.03 0.02 | 74.41 -6.82 0.00 | 61.31 -6.44 0.00 | 53.28 -5.99 0.02 | 47.29 -4.39 0.00 | 42.42 -4.61 0.02 | 39.62 -3.97 0.00 |
| GELCKHM___115KV_LOAD 80723 | 37.52 -0.69 0.00 | 34.82 -0.60 0.00 | 34.07 -0.62 0.00 | 33.59 -0.58 0.00 | 35.06 -0.61 0.00 | 38.82 -0.59 0.00 | 55.78 -1.02 0.00 | 64.50 -1.25 0.00 | 44.57 -0.96 0.00 | 37.62 -0.77 0.00 | 33.87 -0.66 0.00 | 33.35 -0.65 0.00 | 33.20 -0.64 0.00 | 34.72 -0.64 0.00 | 37.82 -0.81 0.00 | 44.79 -0.82 0.00 | 62.86 -1.35 0.00 | 85.66 -1.66 0.00 | 79.77 -1.46 0.00 | 66.39 -1.35 0.00 | 57.92 -1.36 0.00 | 50.55 -1.14 0.00 | 45.87 -1.18 0.00 | 42.49 -1.09 0.00 |
| GENERAL___MILLS 23808 | 35.42 -2.79 0.00 | 33.09 -2.34 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.38 -2.28 0.00 | 36.69 -2.72 0.00 | 51.12 -5.68 0.00 | 57.93 -7.82 0.00 | 40.56 -4.96 0.00 | 35.01 -3.38 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.26 -4.33 0.02 | 57.90 -6.29 0.02 | 78.83 -8.47 0.02 | 74.09 -7.15 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 47.03 -4.65 0.00 | 42.23 -4.80 0.02 | 39.49 -4.10 0.00 |
| GE_PLASTICS___DRP 24183 | 39.35 1.15 0.00 | 36.45 1.03 0.00 | 35.70 1.01 0.00 | 35.13 0.96 0.00 | 36.67 1.00 0.00 | 40.52 1.10 0.00 | 58.33 1.53 0.00 | 67.59 1.84 0.00 | 46.02 0.50 0.00 | 38.85 0.46 0.00 | 34.90 0.38 0.00 | 34.37 0.37 0.00 | 34.49 0.64 0.00 | 36.06 0.71 0.00 | 39.48 0.85 0.00 | 46.57 0.96 0.00 | 65.62 1.41 0.00 | 89.06 1.75 0.00 | 82.62 1.38 0.00 | 69.04 1.29 0.00 | 60.47 1.19 0.00 | 52.56 0.88 0.00 | 47.94 0.89 0.00 | 44.37 0.78 0.00 |
| GILBOA___1 23756 | 39.50 1.30 0.00 | 36.59 1.17 0.00 | 35.95 1.25 0.00 | 35.36 1.20 0.00 | 36.92 1.25 0.00 | 40.76 1.34 0.00 | 58.67 1.87 0.00 | 67.99 2.24 0.00 | 46.75 1.23 0.00 | 39.46 1.07 0.00 | 35.45 0.93 0.00 | 34.95 0.95 0.00 | 34.79 0.95 0.00 | 36.38 1.03 0.00 | 39.75 1.12 0.00 | 46.89 1.28 0.00 | 65.94 1.73 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.24 1.49 0.00 | 60.82 1.54 0.00 | 52.92 1.24 0.00 | 48.18 1.13 0.00 | 44.54 0.96 0.00 |
| GILBOA___2 23757 | 39.50 1.30 0.00 | 36.59 1.17 0.00 | 35.95 1.25 0.00 | 35.36 1.20 0.00 | 36.92 1.25 0.00 | 40.76 1.34 0.00 | 58.67 1.87 0.00 | 67.99 2.24 0.00 | 46.75 1.23 0.00 | 39.46 1.07 0.00 | 35.45 0.93 0.00 | 34.95 0.95 0.00 | 34.79 0.95 0.00 | 36.38 1.03 0.00 | 39.75 1.12 0.00 | 46.89 1.28 0.00 | 65.94 1.73 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.24 1.49 0.00 | 60.82 1.54 0.00 | 52.92 1.24 0.00 | 48.18 1.13 0.00 | 44.54 0.96 0.00 |
| GILBOA___3 23758 | 39.50 1.30 0.00 | 36.59 1.17 0.00 | 35.95 1.25 0.00 | 35.36 1.20 0.00 | 36.92 1.25 0.00 | 40.76 1.34 0.00 | 58.67 1.87 0.00 | 67.99 2.24 0.00 | 46.75 1.23 0.00 | 39.46 1.07 0.00 | 35.45 0.93 0.00 | 34.95 0.95 0.00 | 34.79 0.95 0.00 | 36.38 1.03 0.00 | 39.75 1.12 0.00 | 46.89 1.28 0.00 | 65.94 1.73 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.24 1.49 0.00 | 60.82 1.54 0.00 | 52.92 1.24 0.00 | 48.18 1.13 0.00 | 44.54 0.96 0.00 |
| GILBOA___4 23759 | 39.50 1.30 0.00 | 36.59 1.17 0.00 | 35.95 1.25 0.00 | 35.36 1.20 0.00 | 36.92 1.25 0.00 | 40.76 1.34 0.00 | 58.67 1.87 0.00 | 67.99 2.24 0.00 | 46.75 1.23 0.00 | 39.46 1.07 0.00 | 35.45 0.93 0.00 | 34.95 0.95 0.00 | 34.79 0.95 0.00 | 36.38 1.03 0.00 | 39.75 1.12 0.00 | 46.89 1.28 0.00 | 65.94 1.73 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.24 1.49 0.00 | 60.82 1.54 0.00 | 52.92 1.24 0.00 | 48.18 1.13 0.00 | 44.54 0.96 0.00 |

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| GILBOA____ 23599 | 39.54 1.34 0.00 | 36.60 1.17 0.00 | 35.95 1.25 0.00 | 35.37 1.20 0.00 | 36.92 1.25 0.00 | 40.75 1.34 0.00 | 58.67 1.87 0.00 | 67.99 2.24 0.00 | 46.75 1.23 0.00 | 39.46 1.07 0.00 | 35.45 0.93 0.00 | 34.95 0.95 0.00 | 34.79 0.95 0.00 | 36.38 1.03 0.00 | 39.75 1.12 0.00 | 46.89 1.28 0.00 | 65.94 1.73 0.00 | 89.24 1.92 0.00 | 82.86 1.62 0.00 | 69.24 1.49 0.00 | 60.83 1.54 0.00 | 52.87 1.19 0.00 | 48.18 1.13 0.00 | 44.54 0.96 0.00 |
| GINNA____ 23603 | 35.11 -3.09 0.00 | 32.49 -2.94 0.00 | 31.89 -2.81 0.00 | 31.50 -2.67 0.00 | 32.81 -2.85 0.00 | 36.34 -3.07 0.00 | 51.80 -5.00 0.00 | 59.57 -6.18 0.00 | 41.11 -4.42 0.00 | 35.20 -3.19 0.00 | 31.79 -2.73 0.00 | 31.38 -2.62 0.00 | 31.20 -2.64 0.00 | 32.56 -2.79 0.00 | 35.47 -3.17 0.00 | 41.91 -3.69 0.01 | 58.62 -5.59 0.01 | 80.24 -7.07 0.01 | 74.90 -6.34 0.00 | 61.65 -6.10 0.00 | 53.47 -5.81 0.01 | 46.98 -4.70 0.00 | 42.29 -4.75 0.01 | 39.48 -4.10 0.00 |
| GLEN PARK____ 23778 | 38.13 -0.08 0.00 | 35.50 0.07 0.00 | 34.70 0.00 0.00 | 34.07 -0.10 0.00 | 35.81 0.14 0.00 | 39.81 0.39 0.00 | 57.48 0.68 0.00 | 66.28 0.52 0.00 | 45.21 -0.32 0.00 | 37.62 -0.77 0.00 | 33.83 -0.69 0.00 | 33.22 -0.78 0.00 | 33.10 -0.74 0.00 | 34.50 -0.85 0.00 | 37.67 -0.96 0.00 | 45.02 -0.59 0.00 | 64.34 0.13 0.00 | 87.93 0.62 0.00 | 82.37 1.14 0.00 | 68.83 1.08 0.00 | 59.88 0.59 0.00 | 52.51 0.82 0.00 | 47.66 0.61 0.00 | 44.06 0.48 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.63 2.96 0.00 | 42.76 3.35 0.00 | 61.34 4.54 0.00 | 71.33 5.59 0.01 | 49.26 3.73 -0.01 | 41.77 3.38 -0.01 | 37.63 3.11 -0.01 | 37.13 3.13 -0.01 | 36.96 3.11 -0.01 | 38.65 3.29 -0.01 | 42.19 3.55 0.00 | 49.40 3.79 0.00 | 68.57 4.37 0.01 | 93.42 6.11 0.01 | 86.51 5.28 0.01 | 72.01 4.27 0.01 | 63.26 3.97 0.00 | 54.99 3.31 0.00 | 50.34 3.29 0.00 | 46.55 2.96 0.00 |
| GLENWOOD_IC_1_G5 23712 | 41.15 2.94 0.00 | 37.87 2.44 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.95 2.28 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.52 3.00 0.01 | 41.18 2.80 0.01 | 37.21 2.69 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.25 2.90 0.01 | 41.80 3.17 0.00 | 48.76 3.15 0.00 | 68.59 4.37 -0.01 | 93.17 5.85 0.00 | 86.69 5.44 -0.01 | 72.50 4.74 -0.01 | 63.21 3.91 -0.01 | 54.69 3.00 -0.01 | 49.50 2.45 0.00 | 45.76 2.18 0.00 |
| GLENWOOD_IC_2_G1 23688 | 41.11 2.90 0.00 | 37.91 2.48 0.00 | 36.95 2.25 0.00 | 36.29 2.12 0.00 | 37.92 2.25 0.00 | 42.17 2.76 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.57 3.05 0.01 | 41.18 2.80 0.01 | 37.14 2.62 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.21 2.86 0.01 | 41.68 3.05 0.00 | 48.71 3.10 0.00 | 68.38 4.17 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 72.09 4.34 0.00 | 63.02 3.74 0.00 | 54.68 3.00 0.00 | 49.49 2.45 0.00 | 45.72 2.14 0.00 |
| GLENWOOD_IC_3_G1 23689 | 41.11 2.90 0.00 | 37.91 2.48 0.00 | 36.95 2.25 0.00 | 36.29 2.12 0.00 | 37.92 2.25 0.00 | 42.17 2.76 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.57 3.05 0.01 | 41.18 2.80 0.01 | 37.14 2.62 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.21 2.86 0.01 | 41.68 3.05 0.00 | 48.71 3.10 0.00 | 68.38 4.17 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 72.09 4.34 0.00 | 63.02 3.74 0.00 | 54.68 3.00 0.00 | 49.49 2.45 0.00 | 45.72 2.14 0.00 |
| GLENWOOD____4 23550 | 41.15 2.94 0.00 | 37.87 2.44 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.95 2.28 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.52 3.00 0.01 | 41.18 2.80 0.01 | 37.21 2.69 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.25 2.90 0.01 | 41.80 3.17 0.00 | 48.76 3.15 0.00 | 68.59 4.37 -0.01 | 93.17 5.85 0.00 | 86.69 5.44 -0.01 | 72.50 4.74 -0.01 | 63.21 3.91 -0.01 | 54.69 3.00 -0.01 | 49.50 2.45 0.00 | 45.76 2.18 0.00 |
| GLENWOOD____5 23614 | 41.15 2.94 0.00 | 37.87 2.44 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.95 2.28 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.52 3.00 0.01 | 41.18 2.80 0.01 | 37.21 2.69 0.01 | 36.71 2.72 0.01 | 36.55 2.71 0.01 | 38.25 2.90 0.01 | 41.80 3.17 0.00 | 48.76 3.15 0.00 | 68.59 4.37 -0.01 | 93.17 5.85 0.00 | 86.69 5.44 -0.01 | 72.50 4.74 -0.01 | 63.21 3.91 -0.01 | 54.69 3.00 -0.01 | 49.50 2.45 0.00 | 45.76 2.18 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 39.88 1.68 0.00 | 36.56 1.13 0.00 | 35.50 0.80 0.00 | 34.85 0.68 0.00 | 36.56 0.89 0.00 | 40.83 1.42 0.00 | 57.96 1.82 0.66 | 66.91 2.43 1.28 | 46.38 0.86 0.01 | 30.79 1.00 8.59 | 35.72 1.21 0.01 | 32.74 1.36 2.62 | 34.26 1.32 0.90 | 36.90 1.55 0.01 | 40.33 1.70 0.00 | 46.47 1.14 0.28 | 65.11 2.25 1.34 | 87.36 2.88 2.83 | 81.26 2.43 2.41 | 69.28 3.12 1.59 | 60.20 1.90 0.98 | 52.35 1.14 0.47 | 45.96 0.24 1.32 | 35.46 0.48 8.60 |
| GLOBE____DSASP 323697 | 34.58 -3.63 0.00 | 32.31 -3.12 0.00 | 32.20 -2.50 0.00 | 31.37 -2.80 0.00 | 32.46 -3.21 0.00 | 35.67 -3.74 0.00 | 49.30 -7.50 0.00 | 55.89 -9.86 0.00 | 39.42 -6.10 0.00 | 34.14 -4.22 0.02 | 31.09 -3.42 0.02 | 30.71 -3.26 0.02 | 30.51 -3.32 0.02 | 31.87 -3.46 0.02 | 34.56 -4.06 0.02 | 40.31 -5.29 0.01 | 55.91 -8.28 0.01 | 76.04 -11.26 0.01 | 71.41 -9.83 0.00 | 58.87 -8.88 0.00 | 51.09 -8.18 0.01 | 45.53 -6.15 0.00 | 40.64 -6.40 0.01 | 38.18 -5.40 0.00 |
| GOETHSLN____LBMP 323567 | 41.38 3.17 0.00 | 38.16 2.73 0.00 | 37.27 2.57 0.00 | 36.60 2.43 0.00 | 38.24 2.57 0.00 | 42.49 3.07 0.00 | 61.23 4.43 0.00 | 71.41 5.65 0.00 | 49.13 3.60 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.96 2.96 0.00 | 36.79 2.94 0.00 | 38.50 3.15 0.00 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.64 4.43 0.00 | 93.43 6.11 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.84 3.15 0.00 | 49.97 2.92 0.00 | 46.11 2.53 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 36.64 -1.57 0.00 | 34.12 -1.31 0.00 | 33.38 -1.32 0.00 | 33.04 -1.13 0.00 | 34.38 -1.28 0.00 | 38.00 -1.42 0.00 | 53.50 -3.29 0.00 | 61.08 -4.67 0.00 | 42.52 -3.00 0.00 | 36.39 -2.00 0.00 | 33.04 -1.48 0.00 | 32.60 -1.39 0.00 | 32.42 -1.42 0.00 | 33.80 -1.56 0.00 | 36.74 -1.89 0.00 | 43.23 -2.37 0.01 | 60.35 -3.85 0.01 | 82.68 -4.63 0.01 | 77.34 -3.90 0.00 | 63.68 -4.06 0.00 | 55.36 -3.91 0.01 | 48.89 -2.79 0.00 | 43.79 -3.25 0.01 | 41.01 -2.57 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 39.24 1.03 0.00 | 36.38 0.96 0.00 | 35.64 0.94 0.00 | 35.02 0.85 0.00 | 36.67 1.00 0.00 | 40.72 1.30 0.00 | 58.62 1.82 0.00 | 67.72 1.97 0.00 | 46.39 0.86 0.00 | 38.92 0.54 0.00 | 35.04 0.52 0.00 | 34.51 0.51 0.00 | 34.28 0.44 0.00 | 35.85 0.49 0.00 | 39.13 0.50 0.00 | 46.43 0.82 0.00 | 65.94 1.73 0.00 | 89.59 2.27 0.00 | 83.27 2.03 0.00 | 69.44 1.69 0.00 | 60.71 1.42 0.00 | 52.87 1.19 0.00 | 48.08 1.04 0.00 | 44.41 0.83 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 38.17 -0.04 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.20 0.03 0.00 | 35.74 0.07 0.00 | 39.53 0.12 0.00 | 56.63 -0.17 0.00 | 65.42 -0.33 0.00 | 45.07 -0.46 0.00 | 38.08 -0.31 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.30 0.00 | 35.10 -0.25 0.00 | 38.28 -0.35 0.00 | 45.20 -0.41 0.00 | 63.63 -0.58 0.00 | 86.70 -0.61 0.00 | 80.75 -0.49 0.00 | 67.14 -0.61 0.00 | 58.63 -0.65 0.00 | 51.22 -0.47 0.00 | 46.39 -0.66 0.00 | 43.02 -0.57 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GOUDEY___7 23579 | 38.17 | 35.43 | 34.70 | 34.20 | 35.74 | 39.53 | 56.63 | 65.42 | 45.07 | 38.08 | 34.28 | 33.72 | 33.54 | 35.10 | 38.28 | 45.20 | 63.63 | 86.70 | 80.75 | 67.14 | 58.63 | 51.22 | 46.39 | 43.02 |
| | -0.04 | 0.00 | 0.00 | 0.03 | 0.07 | 0.12 | -0.17 | -0.33 | -0.46 | -0.31 | -0.24 | -0.27 | -0.30 | -0.25 | -0.35 | -0.41 | -0.58 | -0.61 | -0.49 | -0.61 | -0.65 | -0.47 | -0.66 | -0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOUDEY___8 23580 | 38.17 | 35.43 | 34.70 | 34.20 | 35.74 | 39.53 | 56.63 | 65.42 | 45.07 | 38.08 | 34.28 | 33.72 | 33.54 | 35.10 | 38.28 | 45.20 | 63.63 | 86.70 | 80.75 | 67.14 | 58.63 | 51.22 | 46.39 | 43.02 |
| | -0.04 | 0.00 | 0.00 | 0.03 | 0.07 | 0.12 | -0.17 | -0.33 | -0.46 | -0.31 | -0.24 | -0.27 | -0.30 | -0.25 | -0.35 | -0.41 | -0.58 | -0.61 | -0.49 | -0.61 | -0.65 | -0.47 | -0.66 | -0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_1 24077 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_2 24078 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_3 24079 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_4 24080 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_5 24084 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_6 24111 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_7 24112 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_8 24113 | 41.92 | 38.66 | 37.76 | 37.07 | 38.70 | 42.80 | 61.00 | 70.87 | 48.99 | 41.54 | 37.43 | 36.93 | 36.76 | 38.47 | 41.99 | 49.21 | 67.99 | 92.81 | 86.02 | 71.60 | 62.84 | 54.78 | 50.39 | 46.63 |
| | 3.71 | 3.22 | 3.05 | 2.90 | 3.03 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.90 | 2.92 | 2.91 | 3.11 | 3.36 | 3.60 | 3.79 | 5.50 | 4.79 | 3.86 | 3.56 | 3.10 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT2_1 24114 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.90 | 86.02 | 71.60 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.59 | 4.79 | 3.86 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT2_2 24115 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.90 | 86.02 | 71.60 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.59 | 4.79 | 3.86 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT2_3 24116 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.90 | 86.02 | 71.60 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.59 | 4.79 | 3.86 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT2_4 24117 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.90 | 86.02 | 71.60 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.59 | 4.79 | 3.86 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT2_5 24118 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.90 | 86.02 | 71.60 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.59 | 4.79 | 3.86 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT2_6 24119 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT2_7 24120 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT2_8 24121 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_1 24122 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_2 24123 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_3 24124 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_4 24125 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_5 24126 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_6 24127 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_7 24128 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT3_8 24129 | 41.92 <u>3.70</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.66 <u>3.00</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.88 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.46 <u>2.93</u> -0.01 | 36.99 <u>2.99</u> -0.01 | 36.83 <u>2.98</u> -0.01 | 38.54 <u>3.18</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 68.05 <u>3.85</u> 0.01 | 92.90 <u>5.59</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.78 <u>3.50</u> 0.00 | 54.84 <u>3.15</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT4_1 24130 | 41.92 <u>3.71</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.70 <u>3.03</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.87 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.43 <u>2.90</u> -0.01 | 36.93 <u>2.92</u> -0.01 | 36.76 <u>2.91</u> -0.01 | 38.47 <u>3.11</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 67.99 <u>3.79</u> 0.01 | 92.81 <u>5.50</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.84 <u>3.56</u> 0.00 | 54.78 <u>3.10</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT4_2 24131 | 41.92 <u>3.71</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.70 <u>3.03</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.87 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.43 <u>2.90</u> -0.01 | 36.93 <u>2.92</u> -0.01 | 36.76 <u>2.91</u> -0.01 | 38.47 <u>3.11</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 67.99 <u>3.79</u> 0.01 | 92.81 <u>5.50</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.84 <u>3.56</u> 0.00 | 54.78 <u>3.10</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT4_3 24132 | 41.92 <u>3.71</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.70 <u>3.03</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.87 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.43 <u>2.90</u> -0.01 | 36.93 <u>2.92</u> -0.01 | 36.76 <u>2.91</u> -0.01 | 38.47 <u>3.11</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 67.99 <u>3.79</u> 0.01 | 92.81 <u>5.50</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.84 <u>3.56</u> 0.00 | 54.78 <u>3.10</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |
| GOWANUS_GT4_4 24133 | 41.92 <u>3.71</u> -0.01 | 38.66 <u>3.22</u> -0.01 | 37.76 <u>3.05</u> -0.01 | 37.07 <u>2.90</u> 0.00 | 38.70 <u>3.03</u> 0.00 | 42.80 <u>3.39</u> 0.00 | 61.00 <u>4.20</u> 0.00 | 70.87 <u>5.13</u> 0.01 | 48.99 <u>3.46</u> -0.01 | 41.54 <u>3.15</u> -0.01 | 37.43 <u>2.90</u> -0.01 | 36.93 <u>2.92</u> -0.01 | 36.76 <u>2.91</u> -0.01 | 38.47 <u>3.11</u> -0.01 | 41.99 <u>3.36</u> 0.00 | 49.21 <u>3.60</u> 0.00 | 67.99 <u>3.79</u> 0.01 | 92.81 <u>5.50</u> 0.01 | 86.02 <u>4.79</u> 0.01 | 71.60 <u>3.86</u> 0.01 | 62.84 <u>3.56</u> 0.00 | 54.78 <u>3.10</u> 0.00 | 50.39 <u>3.34</u> 0.00 | 46.63 <u>3.05</u> 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| GOWANUS_GT4_6 24135 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| GOWANUS_GT4_7 24136 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| GOWANUS_GT4_8 24137 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| GREATVRV_69_KV_BK1 356245 | 41.07 2.87 0.00 | 37.66 2.23 0.00 | 36.64 1.94 0.00 | 35.98 1.81 0.00 | 37.74 2.07 0.00 | 42.09 2.68 0.00 | 60.14 4.09 0.75 | 69.36 5.06 1.46 | 48.11 2.59 0.01 | 36.99 2.53 3.93 | 37.04 2.52 0.01 | 35.42 2.62 1.20 | 36.00 2.57 0.42 | 38.18 2.83 0.01 | 41.80 3.17 0.00 | 48.39 2.96 0.18 | 67.30 4.62 1.53 | 90.38 6.29 3.22 | 84.74 6.26 2.75 | 71.57 5.62 1.80 | 62.38 4.21 1.12 | 54.20 3.05 0.53 | 48.53 2.16 0.69 | 41.70 2.05 3.93 |
| GREENBSH_115KV_TB3 55895 | 39.35 1.15 0.00 | 36.45 1.03 0.00 | 35.70 1.01 0.00 | 35.13 0.96 0.00 | 36.63 0.96 0.00 | 40.48 1.06 0.00 | 58.28 1.48 0.00 | 67.53 1.78 0.00 | 45.57 0.05 0.00 | 38.50 0.12 0.00 | 34.59 0.07 0.00 | 34.06 0.07 0.00 | 34.45 0.61 0.00 | 36.02 0.67 0.00 | 39.40 0.77 0.00 | 46.52 0.91 0.00 | 65.56 1.35 0.00 | 88.98 1.66 0.00 | 82.54 1.30 0.00 | 68.97 1.22 0.00 | 60.41 1.13 0.00 | 52.46 0.78 0.00 | 47.90 0.85 0.00 | 44.28 0.70 0.00 |
| GREENDGE_115KV_TB5 80291 | 36.87 -1.34 0.00 | 34.33 -1.10 0.00 | 33.59 -1.11 0.00 | 33.25 -0.92 0.00 | 34.81 -0.86 0.00 | 38.67 -0.75 0.00 | 54.47 -2.33 0.00 | 63.06 -2.70 0.00 | 43.66 -1.87 0.00 | 36.81 -1.57 0.00 | 33.00 -1.52 0.00 | 32.43 -1.56 0.00 | 32.15 -1.69 0.00 | 33.76 -1.59 0.00 | 36.70 -1.93 0.00 | 42.95 -2.60 0.06 | 60.49 -3.66 0.06 | 82.28 -4.98 0.06 | 77.82 -3.41 0.00 | 64.56 -3.18 0.00 | 56.02 -3.20 0.06 | 49.10 -2.58 0.00 | 44.59 -2.40 0.06 | 41.49 -2.09 0.00 |
| GREENIDGE___3 23582 | 36.87 -1.34 0.00 | 34.33 -1.10 0.00 | 33.59 -1.11 0.00 | 33.25 -0.92 0.00 | 34.81 -0.86 0.00 | 38.67 -0.75 0.00 | 54.47 -2.33 0.00 | 63.06 -2.70 0.00 | 43.66 -1.87 0.00 | 36.81 -1.57 0.00 | 33.00 -1.52 0.00 | 32.43 -1.56 0.00 | 32.15 -1.69 0.00 | 33.76 -1.59 0.00 | 36.70 -1.93 0.00 | 42.95 -2.60 0.06 | 60.49 -3.66 0.06 | 82.28 -4.98 0.06 | 77.82 -3.41 0.00 | 64.56 -3.18 0.00 | 56.02 -3.20 0.06 | 49.10 -2.58 0.00 | 44.59 -2.40 0.06 | 41.49 -2.09 0.00 |
| GREENIDGE___4 23583 | 36.95 -1.26 0.00 | 34.22 -1.20 0.00 | 33.59 -1.11 0.00 | 33.25 -0.92 0.00 | 34.85 -0.82 0.00 | 38.63 -0.79 0.00 | 54.52 -2.27 0.00 | 63.12 -2.63 0.00 | 43.70 -1.82 0.00 | 37.00 -1.38 0.00 | 33.04 -1.48 0.00 | 32.47 -1.53 0.00 | 32.19 -1.66 0.00 | 33.80 -1.55 0.00 | 36.74 -1.89 0.00 | 42.99 -2.55 0.06 | 60.42 -3.73 0.06 | 82.19 -5.07 0.06 | 77.83 -3.41 0.00 | 64.57 -3.18 0.00 | 56.08 -3.14 0.06 | 48.94 -2.74 0.00 | 44.54 -2.45 0.06 | 41.49 -2.09 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 40.57 2.37 0.00 | 37.23 1.81 0.00 | 36.23 1.53 0.00 | 35.57 1.40 0.00 | 37.27 1.61 0.00 | 41.54 2.13 0.00 | 57.67 2.44 1.57 | 65.97 3.29 3.07 | 47.52 2.00 0.01 | 41.74 2.23 -1.13 | 36.73 2.21 0.01 | 36.61 2.28 -0.34 | 36.22 2.27 -0.11 | 37.82 2.47 0.01 | 41.34 2.70 0.00 | 47.37 1.92 0.16 | 63.95 2.95 3.22 | 84.29 3.75 6.79 | 79.36 3.90 5.78 | 67.68 3.73 3.79 | 59.60 2.67 2.35 | 52.32 1.76 1.12 | 48.04 1.13 0.14 | 45.98 1.26 -1.13 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| GRISSOM___SOLAR 323813 | 39.54 1.34 0.00 | 36.67 1.24 0.00 | 35.91 1.21 0.00 | 35.26 1.09 0.00 | 36.88 1.21 0.00 | 41.11 1.69 0.00 | 59.24 2.44 0.00 | 67.79 2.04 0.00 | 45.25 -0.27 0.00 | 37.39 -1.00 0.00 | 33.52 -1.00 0.00 | 32.98 -1.02 0.00 | 32.90 -0.95 0.00 | 34.54 -0.81 0.00 | 38.13 -0.50 0.00 | 45.97 0.36 0.00 | 66.33 2.12 0.00 | 90.29 2.97 0.00 | 83.91 2.68 0.00 | 70.05 2.30 0.00 | 61.30 2.02 0.00 | 53.39 1.70 0.00 | 48.51 1.46 0.00 | 44.76 1.18 0.00 |
| GROVEVILLE___HYD 323602 | 41.11 2.90 0.00 | 37.98 2.55 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.00 | 48.62 3.10 0.00 | 40.92 2.53 0.00 | 36.80 2.28 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.40 0.00 | 41.26 2.63 0.00 | 48.67 3.06 0.00 | 68.38 4.17 0.00 | 93.34 6.02 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.08 3.79 0.00 | 54.73 3.05 0.00 | 49.87 2.82 0.00 | 45.94 2.35 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 37.75 -0.46 0.00 | 35.00 -0.43 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.10 -0.32 0.00 | 56.17 -0.62 0.00 | 64.96 -0.79 0.00 | 44.84 -0.68 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.52 -0.48 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.01 -0.62 0.00 | 45.02 -0.59 0.00 | 63.25 -0.96 0.00 | 86.36 -0.96 0.00 | 80.42 -0.81 0.00 | 66.87 -0.88 0.00 | 58.28 -1.01 0.00 | 50.91 -0.78 0.00 | 46.11 -0.94 0.00 | 42.71 -0.87 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 65.95 0.20 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.40 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.02 -0.19 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 39.27 1.07 0.00 | 36.46 1.03 0.00 | 35.71 1.01 0.00 | 35.12 0.96 0.00 | 36.74 1.07 0.00 | 40.71 1.30 0.00 | 58.45 1.65 0.00 | 67.59 1.84 0.00 | 46.61 1.09 0.00 | 39.19 0.81 0.00 | 35.21 0.69 0.00 | 34.74 0.75 0.00 | 34.59 0.74 0.00 | 36.13 0.78 0.00 | 39.48 0.85 0.00 | 46.75 1.14 0.00 | 66.01 1.80 0.00 | 89.85 2.53 0.00 | 83.76 2.52 0.00 | 69.98 2.23 0.00 | 61.24 1.95 0.00 | 53.60 1.91 0.00 | 48.88 1.83 0.00 | 45.37 1.79 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.06 2.36 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.15 0.00 | 70.88 5.13 0.00 | 48.53 3.00 0.00 | 40.92 2.53 0.00 | 36.80 2.28 0.00 | 36.24 2.24 0.00 | 36.08 2.23 0.00 | 37.76 2.40 0.00 | 41.22 2.59 0.00 | 48.58 2.96 0.00 | 68.13 3.92 0.00 | 92.99 5.68 0.00 | 86.11 4.87 0.00 | 71.68 3.93 0.00 | 62.84 3.56 0.00 | 54.53 2.84 0.00 | 49.64 2.59 0.00 | 45.76 2.18 0.00 |
| HARSNRAD_115KV_TB1 81005 | 35.38 -2.83 0.00 | 33.09 -2.34 0.00 | 32.20 -2.50 0.00 | 32.15 -2.02 0.00 | 33.31 -2.35 0.00 | 36.58 -2.84 0.00 | 50.44 -6.36 0.00 | 57.14 -8.61 0.00 | 40.15 -5.37 0.00 | 34.74 -3.65 0.00 | 31.55 -2.97 0.00 | 31.17 -2.82 0.00 | 30.96 -2.88 0.00 | 32.35 -3.00 0.00 | 35.08 -3.55 0.00 | 40.99 -4.61 0.01 | 57.13 -7.06 0.01 | 77.87 -9.43 0.01 | 73.19 -8.04 0.00 | 60.23 -7.52 0.00 | 52.27 -7.00 0.01 | 46.51 -5.17 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| HARZA MOOSE___RIVER 24016 | 38.47 0.27 0.00 | 35.78 0.35 0.00 | 35.01 0.31 0.00 | 34.41 0.24 0.00 | 36.06 0.39 0.00 | 40.01 0.59 0.00 | 57.71 0.91 0.00 | 66.61 0.85 0.00 | 45.71 0.18 0.00 | 38.23 -0.15 0.00 | 34.42 -0.10 0.00 | 33.83 -0.17 0.00 | 33.71 -0.14 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.70 0.09 0.00 | 64.92 0.71 0.00 | 88.37 1.05 0.00 | 82.37 1.14 0.00 | 68.76 1.02 0.00 | 60.00 0.71 0.00 | 52.51 0.83 0.00 | 47.76 0.71 0.00 | 44.19 0.61 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 37.52 -0.69 0.00 | 34.82 -0.60 0.00 | 34.07 -0.62 0.00 | 33.59 -0.58 0.00 | 35.10 -0.57 0.00 | 38.82 -0.59 0.00 | 55.78 -1.02 0.00 | 64.57 -1.18 0.00 | 44.57 -0.96 0.00 | 37.62 -0.77 0.00 | 33.87 -0.66 0.00 | 33.38 -0.61 0.00 | 33.20 -0.64 0.00 | 34.72 -0.64 0.00 | 37.86 -0.77 0.00 | 44.79 -0.82 0.00 | 62.86 -1.35 0.00 | 85.66 -1.66 0.00 | 79.69 -1.54 0.00 | 66.33 -1.42 0.00 | 57.86 -1.42 0.00 | 50.49 -1.19 0.00 | 45.83 -1.22 0.00 | 42.45 -1.13 0.00 |
| HELLGATE_13_KV_LD 55870 | 41.88 3.67 -0.01 | 38.62 3.19 -0.01 | 37.73 3.02 -0.01 | 37.04 2.87 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.29 4.49 0.00 | 71.27 5.52 0.01 | 49.22 3.69 -0.01 | 41.73 3.34 -0.01 | 37.63 3.11 -0.01 | 37.13 3.13 -0.01 | 36.96 3.11 -0.01 | 38.65 3.29 -0.01 | 42.15 3.52 0.00 | 49.40 3.79 0.00 | 68.50 4.30 0.01 | 93.34 6.02 0.01 | 86.35 5.12 0.01 | 71.94 4.20 0.01 | 63.14 3.85 0.00 | 54.94 3.26 0.00 | 50.39 3.34 0.00 | 46.59 3.01 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 41.88 3.67 -0.01 | 38.62 3.19 -0.01 | 37.73 3.02 -0.01 | 37.04 2.87 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.29 4.49 0.00 | 71.27 5.52 0.01 | 49.22 3.69 -0.01 | 41.73 3.34 -0.01 | 37.63 3.11 -0.01 | 37.13 3.13 -0.01 | 36.96 3.11 -0.01 | 38.65 3.29 -0.01 | 42.15 3.52 0.00 | 49.40 3.79 0.00 | 68.50 4.30 0.01 | 93.34 6.02 0.01 | 86.35 5.12 0.01 | 71.94 4.20 0.01 | 63.14 3.85 0.00 | 54.94 3.26 0.00 | 50.39 3.34 0.00 | 46.59 3.01 0.00 |
| HEMPSTEAD____ 23647 | 40.84 2.63 0.00 | 37.55 2.13 0.00 | 36.57 1.87 0.00 | 35.88 1.71 0.00 | 37.56 1.89 0.00 | 41.86 2.44 0.00 | 60.21 3.41 0.00 | 70.09 4.34 0.00 | 48.07 2.55 0.01 | 40.87 2.49 0.01 | 36.93 2.42 0.01 | 36.57 2.58 0.01 | 36.41 2.57 0.01 | 38.11 2.76 0.01 | 41.53 2.90 0.00 | 48.30 2.69 0.00 | 68.20 3.98 -0.01 | 92.38 5.06 0.00 | 85.63 4.38 -0.01 | 72.30 4.54 -0.01 | 62.85 3.56 -0.01 | 54.43 2.74 -0.01 | 49.03 1.98 0.00 | 45.33 1.75 0.00 |
| HICKLING___1 23621 | 36.33 -1.87 0.00 | 33.83 -1.59 0.00 | 33.14 -1.56 0.00 | 32.84 -1.33 0.00 | 34.28 -1.39 0.00 | 37.92 -1.50 0.00 | 53.62 -3.18 0.00 | 62.14 -3.62 0.00 | 42.84 -2.69 0.00 | 36.35 -2.03 0.00 | 32.69 -1.83 0.00 | 32.19 -1.80 0.00 | 31.91 -1.93 0.00 | 33.51 -1.84 0.00 | 36.39 -2.24 0.00 | 42.23 -3.33 0.05 | 59.80 -4.37 0.05 | 81.68 -5.59 0.05 | 76.69 -4.55 0.00 | 63.28 -4.47 0.00 | 55.03 -4.21 0.05 | 48.38 -3.31 0.00 | 43.52 -3.48 0.05 | 40.58 -3.01 0.00 |
| HICKLING___2 23622 | 36.33 -1.87 0.00 | 33.83 -1.59 0.00 | 33.14 -1.56 0.00 | 32.84 -1.33 0.00 | 34.28 -1.39 0.00 | 37.92 -1.50 0.00 | 53.62 -3.18 0.00 | 62.14 -3.62 0.00 | 42.84 -2.69 0.00 | 36.35 -2.03 0.00 | 32.69 -1.83 0.00 | 32.19 -1.80 0.00 | 31.91 -1.93 0.00 | 33.51 -1.84 0.00 | 36.39 -2.24 0.00 | 42.23 -3.33 0.05 | 59.80 -4.37 0.05 | 81.68 -5.59 0.05 | 76.69 -4.55 0.00 | 63.28 -4.47 0.00 | 55.03 -4.21 0.05 | 48.38 -3.31 0.00 | 43.52 -3.48 0.05 | 40.58 -3.01 0.00 |
| HIGH FALLS___HY 23754 | 41.15 2.94 0.00 | 38.01 2.59 0.00 | 37.16 2.46 0.00 | 36.46 2.29 0.00 | 38.13 2.46 0.00 | 42.33 2.92 0.00 | 61.17 4.37 0.00 | 71.08 5.33 0.00 | 48.85 3.32 0.00 | 41.03 2.65 0.00 | 36.87 2.35 0.00 | 36.31 2.31 0.00 | 36.04 2.20 0.00 | 37.72 2.37 0.00 | 41.18 2.55 0.00 | 48.62 3.01 0.00 | 68.64 4.43 0.00 | 93.87 6.55 0.00 | 87.08 5.85 0.00 | 72.42 4.67 0.00 | 63.43 4.15 0.00 | 55.04 3.36 0.00 | 50.11 3.06 0.00 | 46.15 2.57 0.00 |
| HIGH_RIVER___SOLAR 323847 | 39.43 1.22 0.00 | 36.56 1.13 0.00 | 35.81 1.11 0.00 | 35.16 0.99 0.00 | 36.74 1.07 0.00 | 40.91 1.50 0.00 | 58.96 2.16 0.00 | 67.33 1.58 0.00 | 45.30 -0.23 0.00 | 37.73 -0.65 0.00 | 33.86 -0.66 0.00 | 33.28 -0.72 0.00 | 33.17 -0.68 0.00 | 34.75 -0.60 0.00 | 38.17 -0.46 0.00 | 45.66 0.05 0.00 | 65.94 1.73 0.00 | 89.85 2.53 0.00 | 83.59 2.36 0.00 | 69.78 2.03 0.00 | 61.06 1.78 0.00 | 53.13 1.45 0.00 | 48.32 1.27 0.00 | 44.63 1.04 0.00 |
| HILLBURN___GT 23639 | 41.11 2.90 0.00 | 37.98 2.55 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.25 2.84 0.00 | 60.94 4.14 0.00 | 70.94 5.19 0.00 | 48.62 3.10 0.00 | 41.07 2.69 0.00 | 36.97 2.45 0.00 | 36.45 2.45 0.00 | 36.31 2.47 0.00 | 37.97 2.62 0.00 | 41.42 2.78 0.00 | 48.62 3.01 0.00 | 68.13 3.92 0.00 | 92.91 5.59 0.00 | 85.95 4.71 0.00 | 71.61 3.86 0.00 | 62.78 3.50 0.00 | 54.52 2.84 0.00 | 49.59 2.54 0.00 | 45.72 2.14 0.00 |
| HILLSIDE_115KV_TB1 80332 | 35.99 -2.22 0.00 | 33.51 -1.91 0.00 | 32.82 -1.87 0.00 | 32.53 -1.64 0.00 | 33.92 -1.75 0.00 | 37.48 -1.93 0.00 | 52.94 -3.86 0.00 | 61.61 -4.14 0.00 | 42.47 -3.05 0.00 | 36.12 -2.26 0.00 | 32.49 -2.04 0.00 | 31.99 -2.01 0.00 | 31.71 -2.13 0.00 | 33.27 -2.09 0.00 | 36.16 -2.47 0.00 | 41.78 -3.79 0.05 | 59.03 -5.14 0.05 | 80.64 -6.64 0.05 | 75.63 -5.61 0.00 | 62.46 -5.28 0.00 | 54.32 -4.92 0.05 | 47.75 -3.93 0.00 | 42.96 -4.05 0.05 | 40.10 -3.49 0.00 |

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| HISHELDN_WT_PWR 323625 | 34.96 -3.25 0.00 | 32.42 -3.01 0.00 | 32.06 -2.64 0.00 | 31.81 -2.36 0.00 | 33.07 -2.60 0.00 | 36.38 -3.03 0.00 | 50.78 -6.02 0.00 | 57.99 -7.76 0.00 | 40.06 -5.46 0.00 | 34.74 -3.65 0.00 | 31.24 -3.28 0.00 | 30.73 -3.26 0.00 | 30.53 -3.32 0.00 | 31.92 -3.43 0.00 | 34.65 -3.98 0.00 | 40.57 -5.02 0.02 | 57.12 -7.06 0.02 | 77.95 -9.34 0.02 | 73.52 -7.72 0.00 | 60.64 -7.11 0.00 | 52.68 -6.58 0.02 | 46.41 -5.27 0.00 | 41.90 -5.13 0.02 | 39.23 -4.36 0.00 |
| HOLTSVILLE_IC_1 23690 | 40.38 2.18 0.00 | 37.09 1.67 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 37.06 1.39 0.00 | 41.38 1.97 0.00 | 58.92 2.73 0.61 | 68.11 3.55 1.19 | 47.34 1.82 0.01 | 31.68 1.92 8.63 | 36.48 1.97 0.01 | 33.51 2.14 2.63 | 35.07 2.13 0.91 | 37.68 2.33 0.01 | 41.14 2.51 0.00 | 47.29 1.96 0.28 | 66.04 3.08 1.25 | 88.53 3.84 2.63 | 82.25 3.25 2.24 | 70.14 3.86 1.47 | 61.10 2.73 0.91 | 53.21 1.96 0.44 | 46.86 1.13 1.32 | 35.99 1.04 8.64 |
| HOLTSVILLE_IC_10 23699 | 40.50 2.29 0.00 | 37.16 1.74 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.46 2.05 0.00 | 58.94 2.95 0.81 | 67.92 3.75 1.58 | 47.48 1.96 0.01 | 32.12 2.03 8.30 | 36.59 2.07 0.01 | 33.67 2.21 2.53 | 35.17 2.20 0.87 | 37.78 2.44 0.01 | 41.26 2.63 0.00 | 47.42 2.10 0.29 | 65.95 3.40 1.66 | 88.10 4.28 3.49 | 82.00 3.74 2.98 | 70.00 4.20 1.95 | 61.09 3.02 1.21 | 53.27 2.17 0.58 | 47.05 1.32 1.31 | 36.45 1.18 8.31 |
| HOLTSVILLE_IC_2 23691 | 40.38 2.18 0.00 | 37.09 1.67 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 37.06 1.39 0.00 | 41.38 1.97 0.00 | 58.92 2.73 0.61 | 68.11 3.55 1.19 | 47.34 1.82 0.01 | 31.68 1.92 8.63 | 36.48 1.97 0.01 | 33.51 2.14 2.63 | 35.07 2.13 0.91 | 37.68 2.33 0.01 | 41.14 2.51 0.00 | 47.29 1.96 0.28 | 66.04 3.08 1.25 | 88.53 3.84 2.63 | 82.25 3.25 2.24 | 70.14 3.86 1.47 | 61.10 2.73 0.91 | 53.21 1.96 0.44 | 46.86 1.13 1.32 | 35.99 1.04 8.64 |
| HOLTSVILLE_IC_3 23692 | 40.38 2.18 0.00 | 37.09 1.67 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 37.06 1.39 0.00 | 41.38 1.97 0.00 | 58.92 2.73 0.61 | 68.11 3.55 1.19 | 47.34 1.82 0.01 | 31.68 1.92 8.63 | 36.48 1.97 0.01 | 33.51 2.14 2.63 | 35.07 2.13 0.91 | 37.68 2.33 0.01 | 41.14 2.51 0.00 | 47.29 1.96 0.28 | 66.04 3.08 1.25 | 88.53 3.84 2.63 | 82.25 3.25 2.24 | 70.14 3.86 1.47 | 61.10 2.73 0.91 | 53.21 1.96 0.44 | 46.86 1.13 1.32 | 35.99 1.04 8.64 |
| HOLTSVILLE_IC_4 23693 | 40.38 2.18 0.00 | 37.09 1.67 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 37.06 1.39 0.00 | 41.38 1.97 0.00 | 58.92 2.73 0.61 | 68.11 3.55 1.19 | 47.34 1.82 0.01 | 31.68 1.92 8.63 | 36.48 1.97 0.01 | 33.51 2.14 2.63 | 35.07 2.13 0.91 | 37.68 2.33 0.01 | 41.14 2.51 0.00 | 47.29 1.96 0.28 | 66.04 3.08 1.25 | 88.53 3.84 2.63 | 82.25 3.25 2.24 | 70.14 3.86 1.47 | 61.10 2.73 0.91 | 53.21 1.96 0.44 | 46.86 1.13 1.32 | 35.99 1.04 8.64 |
| HOLTSVILLE_IC_5 23694 | 40.38 2.18 0.00 | 37.09 1.67 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 37.06 1.39 0.00 | 41.38 1.97 0.00 | 58.92 2.73 0.61 | 68.11 3.55 1.19 | 47.34 1.82 0.01 | 31.68 1.92 8.63 | 36.48 1.97 0.01 | 33.51 2.14 2.63 | 35.07 2.13 0.91 | 37.68 2.33 0.01 | 41.14 2.51 0.00 | 47.29 1.96 0.28 | 66.04 3.08 1.25 | 88.53 3.84 2.63 | 82.25 3.25 2.24 | 70.14 3.86 1.47 | 61.10 2.73 0.91 | 53.21 1.96 0.44 | 46.86 1.13 1.32 | 35.99 1.04 8.64 |
| HOLTSVILLE_IC_6 23695 | 40.50 2.29 0.00 | 37.16 1.74 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.46 2.05 0.00 | 58.94 2.95 0.81 | 67.92 3.75 1.58 | 47.48 1.96 0.01 | 32.12 2.03 8.30 | 36.59 2.07 0.01 | 33.67 2.21 2.53 | 35.17 2.20 0.87 | 37.78 2.44 0.01 | 41.26 2.63 0.00 | 47.42 2.10 0.29 | 65.95 3.40 1.66 | 88.10 4.28 3.49 | 82.00 3.74 2.98 | 70.00 4.20 1.95 | 61.09 3.02 1.21 | 53.27 2.17 0.58 | 47.05 1.32 1.31 | 36.45 1.18 8.31 |
| HOLTSVILLE_IC_7 23696 | 40.50 2.29 0.00 | 37.16 1.74 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.46 2.05 0.00 | 58.94 2.95 0.81 | 67.92 3.75 1.58 | 47.48 1.96 0.01 | 32.12 2.03 8.30 | 36.59 2.07 0.01 | 33.67 2.21 2.53 | 35.17 2.20 0.87 | 37.78 2.44 0.01 | 41.26 2.63 0.00 | 47.42 2.10 0.29 | 65.95 3.40 1.66 | 88.10 4.28 3.49 | 82.00 3.74 2.98 | 70.00 4.20 1.95 | 61.09 3.02 1.21 | 53.27 2.17 0.58 | 47.05 1.32 1.31 | 36.45 1.18 8.31 |
| HOLTSVILLE_IC_8 23697 | 40.50 2.29 0.00 | 37.16 1.74 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.46 2.05 0.00 | 58.94 2.95 0.81 | 67.92 3.75 1.58 | 47.48 1.96 0.01 | 32.12 2.03 8.30 | 36.59 2.07 0.01 | 33.67 2.21 2.53 | 35.17 2.20 0.87 | 37.78 2.44 0.01 | 41.26 2.63 0.00 | 47.42 2.10 0.29 | 65.95 3.40 1.66 | 88.10 4.28 3.49 | 82.00 3.74 2.98 | 70.00 4.20 1.95 | 61.09 3.02 1.21 | 53.27 2.17 0.58 | 47.05 1.32 1.31 | 36.45 1.18 8.31 |
| HOLTSVILLE_IC_9 23698 | 40.50 2.29 0.00 | 37.16 1.74 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.46 2.05 0.00 | 58.94 2.95 0.81 | 67.92 3.75 1.58 | 47.48 1.96 0.01 | 32.12 2.03 8.30 | 36.59 2.07 0.01 | 33.67 2.21 2.53 | 35.17 2.20 0.87 | 37.78 2.44 0.01 | 41.26 2.63 0.00 | 47.42 2.10 0.29 | 65.95 3.40 1.66 | 88.10 4.28 3.49 | 82.00 3.74 2.98 | 70.00 4.20 1.95 | 61.09 3.02 1.21 | 53.27 2.17 0.58 | 47.05 1.32 1.31 | 36.45 1.18 8.31 |
| HOMER_HL_115KV_TB2 355744 | 35.65 -2.56 0.00 | 33.23 -2.20 0.00 | 32.55 -2.15 0.00 | 32.29 -1.88 0.00 | 33.63 -2.03 0.00 | 37.09 -2.33 0.00 | 52.20 -4.60 0.00 | 59.05 -6.71 0.00 | 40.88 -4.64 0.00 | 35.16 -3.22 0.00 | 31.69 -2.83 0.00 | 31.21 -2.79 0.00 | 31.00 -2.84 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.30 -4.29 0.02 | 58.73 -5.46 0.02 | 79.70 -7.60 0.02 | 74.90 -6.34 0.00 | 61.72 -6.03 0.00 | 53.81 -5.45 0.02 | 47.34 -4.34 0.00 | 42.80 -4.23 0.02 | 39.75 -3.84 0.00 |
| HOWARD_WT_PWR 323690 | 34.73 -3.48 0.00 | 32.17 -3.26 0.00 | 31.71 -2.98 0.00 | 31.50 -2.67 0.00 | 32.92 -2.75 0.00 | 36.46 -2.96 0.00 | 51.52 -5.28 0.00 | 59.44 -6.31 0.00 | 40.79 -4.74 0.00 | 34.78 -3.61 0.00 | 31.10 -3.42 0.00 | 30.56 -3.43 0.00 | 30.29 -3.55 0.00 | 31.75 -3.61 0.00 | 34.54 -4.10 0.00 | 40.41 -5.15 0.05 | 57.48 -6.68 0.05 | 78.97 -8.30 0.05 | 74.58 -6.66 0.00 | 61.65 -6.10 0.00 | 53.60 -5.63 0.05 | 47.03 -4.65 0.00 | 42.44 -4.56 0.05 | 39.70 -3.88 0.00 |
| HQ_GEN_CEDARS 23644 | 38.51 0.31 0.00 | 35.71 0.28 0.00 | 34.94 0.24 0.00 | 34.48 0.31 0.00 | 35.92 0.25 0.00 | 39.77 0.35 0.00 | 57.59 0.80 0.00 | 66.54 0.79 0.00 | 46.02 0.50 0.00 | 38.65 0.27 0.00 | 34.73 0.21 0.00 | 34.17 0.17 0.00 | 33.94 0.10 0.00 | 35.39 0.04 0.00 | 38.79 0.15 0.00 | 45.79 0.18 0.00 | 64.85 0.64 0.00 | 87.84 0.52 0.00 | 82.21 0.97 0.00 | 68.63 0.88 0.00 | 60.23 0.95 0.00 | 52.66 0.98 0.00 | 48.13 1.08 0.00 | 44.67 1.09 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 38.51 0.30 0.00 | 35.71 0.28 0.00 | 34.94 0.24 0.00 | 34.48 0.31 0.00 | 35.92 0.25 0.00 | 39.77 0.35 0.00 | 57.59 0.79 0.00 | 66.48 0.72 0.00 | 46.03 0.50 0.00 | 38.66 0.27 0.00 | 34.73 0.21 0.00 | 34.17 0.17 0.00 | 33.94 0.10 0.00 | 35.39 0.04 0.00 | 38.79 0.16 0.00 | 45.79 0.18 0.00 | 64.79 0.58 0.00 | 87.85 0.53 0.00 | 82.21 0.98 0.00 | 68.63 0.88 0.00 | 60.23 0.95 0.00 | 52.66 0.98 0.00 | 48.13 1.08 0.00 | 44.67 1.09 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 38.17 -0.04 0.00 | 35.39 -0.04 0.00 | 34.63 -0.07 0.00 | 34.14 -0.03 0.00 | 35.60 -0.07 0.00 | 39.30 -0.12 0.00 | 56.86 0.06 0.00 | 65.75 0.00 0.00 | 45.52 0.00 0.00 | 38.35 -0.04 0.00 | 34.45 -0.07 0.00 | 33.93 -0.07 0.00 | 33.74 -0.10 0.00 | 35.25 -0.11 0.00 | 38.56 -0.08 0.00 | 45.47 -0.14 0.00 | 64.21 0.00 0.00 | 87.23 -0.09 0.00 | 81.40 0.16 0.00 | 67.88 0.14 0.00 | 59.46 0.18 0.00 | 51.89 0.21 0.00 | 47.29 0.24 0.00 | 43.85 0.26 0.00 |
| HQ_GEN_WHEEL 23651 | 38.17 -0.04 0.00 | 35.39 -0.04 0.00 | 34.63 -0.07 0.00 | 34.14 -0.03 0.00 | 35.60 -0.07 0.00 | 39.30 -0.12 0.00 | 56.86 0.06 0.00 | 65.75 0.00 0.00 | 45.52 0.00 0.00 | 38.35 -0.04 0.00 | 34.45 -0.07 0.00 | 33.93 -0.07 0.00 | 33.74 -0.10 0.00 | 35.25 -0.11 0.00 | 38.56 -0.08 0.00 | 45.47 -0.14 0.00 | 64.21 0.00 0.00 | 87.23 -0.09 0.00 | 81.40 0.16 0.00 | 67.88 0.14 0.00 | 59.46 0.18 0.00 | 51.89 0.21 0.00 | 47.29 0.24 0.00 | 43.85 0.26 0.00 |
| HUDSON AVE_GT_3 23810 | 41.53 3.32 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.57 3.22 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.78 6.46 0.00 | 86.76 5.52 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.15 3.11 0.00 | 46.24 2.66 0.00 |
| HUDSON AVE_GT_4 23540 | 41.53 3.32 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.57 3.22 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.78 6.46 0.00 | 86.76 5.52 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.15 3.11 0.00 | 46.24 2.66 0.00 |
| HUDSON AVE_GT_5 23657 | 41.53 3.32 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.61 3.19 0.00 | 61.40 4.60 0.00 | 71.60 5.85 0.00 | 49.22 3.69 0.00 | 41.69 3.30 0.00 | 37.56 3.04 0.00 | 37.03 3.03 0.00 | 36.86 3.01 0.00 | 38.57 3.22 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.83 4.62 0.00 | 93.78 6.46 0.00 | 86.76 5.52 0.00 | 72.22 4.47 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.15 3.11 0.00 | 46.24 2.66 0.00 |
| HUDSON_AVE_10 24168 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.30 2.60 0.00 | 36.63 2.46 0.00 | 38.27 2.60 0.00 | 42.53 3.11 0.00 | 61.29 4.49 0.00 | 71.47 5.72 0.00 | 49.13 3.60 0.00 | 41.58 3.19 0.00 | 37.46 2.93 0.00 | 36.96 2.96 0.00 | 36.79 2.94 0.00 | 38.47 3.11 0.00 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 50.06 3.01 0.00 | 46.15 2.57 0.00 |
| HUDSON___115KV_TB 4 355613 | 39.89 1.68 0.00 | 36.95 1.52 0.00 | 36.19 1.49 0.00 | 35.57 1.40 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.30 2.50 0.00 | 68.58 2.83 0.00 | 46.21 0.68 0.00 | 38.81 0.42 0.00 | 34.76 0.24 0.00 | 34.17 0.17 0.00 | 34.45 0.61 0.00 | 36.02 0.67 0.00 | 39.48 0.85 0.00 | 46.84 1.23 0.00 | 66.46 2.25 0.00 | 90.64 3.32 0.00 | 84.16 2.92 0.00 | 70.25 2.51 0.00 | 61.54 2.25 0.00 | 53.34 1.65 0.00 | 48.65 1.60 0.00 | 44.93 1.35 0.00 |
| HUNTER MOUNT___DRP 323613 | 39.89 1.68 0.00 | 36.99 1.56 0.00 | 36.23 1.53 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.41 2.61 0.00 | 68.58 2.83 0.00 | 46.16 0.64 0.00 | 38.69 0.31 0.00 | 34.63 0.10 0.00 | 34.03 0.03 0.00 | 34.28 0.44 0.00 | 35.85 0.49 0.00 | 39.29 0.66 0.00 | 46.71 1.09 0.00 | 66.46 2.25 0.00 | 90.81 3.49 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.60 2.31 0.00 | 53.44 1.76 0.00 | 48.74 1.69 0.00 | 44.98 1.39 0.00 |
| HUNTINGTON_RES_REC 323705 | 40.50 2.29 0.00 | 37.20 1.77 0.00 | 36.15 1.46 0.00 | 35.47 1.30 0.00 | 37.16 1.50 0.00 | 41.50 2.09 0.00 | 57.02 2.61 2.39 | 64.50 3.42 4.67 | 47.43 1.91 0.01 | 24.84 2.07 15.61 | 36.62 2.11 0.01 | 31.52 2.28 4.76 | 34.47 2.27 1.64 | 37.82 2.47 0.01 | 41.30 2.66 0.00 | 46.91 1.96 0.66 | 62.52 3.21 4.89 | 80.92 3.93 10.33 | 75.85 3.41 8.80 | 65.90 3.93 5.78 | 58.55 2.85 3.58 | 51.99 2.01 1.71 | 45.60 1.18 2.63 | 29.08 1.13 15.64 |
| HUNTLEY___63 23557 | 35.34 -2.87 0.00 | 33.05 -2.37 0.00 | 32.48 -2.22 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.50 -2.92 0.00 | 50.61 -6.19 0.00 | 57.34 -8.42 0.00 | 40.29 -5.24 0.00 | 34.84 -3.53 0.01 | 31.65 -2.87 0.01 | 31.27 -2.72 0.01 | 31.06 -2.78 0.01 | 32.48 -2.86 0.01 | 35.22 -3.40 0.01 | 41.13 -4.47 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| HUNTLEY___64 23558 | 35.34 -2.87 0.00 | 33.05 -2.37 0.00 | 32.48 -2.22 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.50 -2.92 0.00 | 50.61 -6.19 0.00 | 57.34 -8.42 0.00 | 40.29 -5.24 0.00 | 34.84 -3.53 0.01 | 31.65 -2.87 0.01 | 31.27 -2.72 0.01 | 31.06 -2.78 0.01 | 32.48 -2.86 0.01 | 35.22 -3.40 0.01 | 41.13 -4.47 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| HUNTLEY___65 23559 | 35.34 -2.87 0.00 | 33.05 -2.37 0.00 | 32.48 -2.22 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.50 -2.92 0.00 | 50.61 -6.19 0.00 | 57.34 -8.42 0.00 | 40.29 -5.24 0.00 | 34.84 -3.53 0.01 | 31.65 -2.87 0.01 | 31.27 -2.72 0.01 | 31.06 -2.78 0.01 | 32.48 -2.86 0.01 | 35.22 -3.40 0.01 | 41.13 -4.47 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| HUNTLEY___66 23560 | 35.34 -2.87 0.00 | 33.05 -2.37 0.00 | 32.48 -2.22 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.50 -2.92 0.00 | 50.61 -6.19 0.00 | 57.34 -8.42 0.00 | 40.29 -5.24 0.00 | 34.84 -3.53 0.01 | 31.65 -2.87 0.01 | 31.27 -2.72 0.01 | 31.06 -2.78 0.01 | 32.48 -2.86 0.01 | 35.22 -3.40 0.01 | 41.13 -4.47 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| HUNTLEY___67 23561 | 35.26 -2.94 0.00 | 32.95 -2.48 0.00 | 32.30 -2.39 0.00 | 32.02 -2.15 0.00 | 33.17 -2.50 0.00 | 36.46 -2.96 0.00 | 50.61 -6.19 0.00 | 57.40 -8.35 0.00 | 40.33 -5.19 0.00 | 34.85 -3.53 0.00 | 31.66 -2.87 0.00 | 31.24 -2.75 0.00 | 31.03 -2.81 0.00 | 32.45 -2.90 0.00 | 35.19 -3.44 0.00 | 41.13 -4.47 0.02 | 57.32 -6.87 0.02 | 78.13 -9.17 0.02 | 73.36 -7.88 0.00 | 60.43 -7.32 0.00 | 52.51 -6.76 0.02 | 46.62 -5.06 0.00 | 41.72 -5.32 0.02 | 39.09 -4.49 0.00 |
| HUNTLEY___68 23562 | 35.26 -2.94 0.00 | 32.95 -2.48 0.00 | 32.30 -2.39 0.00 | 32.02 -2.15 0.00 | 33.17 -2.50 0.00 | 36.46 -2.96 0.00 | 50.61 -6.19 0.00 | 57.40 -8.35 0.00 | 40.33 -5.19 0.00 | 34.85 -3.53 0.00 | 31.66 -2.87 0.00 | 31.24 -2.75 0.00 | 31.03 -2.81 0.00 | 32.45 -2.90 0.00 | 35.19 -3.44 0.00 | 41.13 -4.47 0.02 | 57.32 -6.87 0.02 | 78.13 -9.17 0.02 | 73.36 -7.88 0.00 | 60.43 -7.32 0.00 | 52.51 -6.76 0.02 | 46.62 -5.06 0.00 | 41.72 -5.32 0.02 | 39.09 -4.49 0.00 |

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| HYLAND___LFGE 323620 | 37.52 -0.69 0.00 | 34.61 -0.81 0.00 | 34.08 -0.62 0.00 | 33.76 -0.41 0.00 | 35.20 -0.46 0.00 | 39.18 -0.24 0.00 | 55.78 -1.02 0.00 | 63.84 -1.91 0.00 | 43.39 -2.14 0.00 | 36.81 -1.58 0.00 | 32.93 -1.59 0.00 | 32.37 -1.63 0.00 | 32.05 -1.79 0.00 | 33.51 -1.84 0.00 | 36.51 -2.12 0.00 | 43.26 -2.32 0.03 | 61.55 -2.64 0.03 | 85.54 -1.75 0.03 | 80.99 -0.24 0.00 | 66.39 -1.35 0.00 | 57.48 -1.78 0.03 | 50.50 -1.19 0.00 | 45.19 -1.84 0.03 | 42.23 -1.35 0.00 |
| INDECK___CORINTH 23802 | 39.46 1.26 0.00 | 36.59 1.17 0.00 | 35.84 1.14 0.00 | 35.19 1.02 0.00 | 36.74 1.07 0.00 | 40.91 1.50 0.00 | 58.73 1.93 0.00 | 67.92 2.17 0.00 | 46.16 0.64 0.00 | 38.46 0.08 0.00 | 34.38 -0.14 0.00 | 33.79 -0.20 0.00 | 33.78 -0.07 0.00 | 35.35 0.00 0.00 | 38.87 0.23 0.00 | 46.30 0.69 0.00 | 65.82 1.61 0.00 | 89.58 2.27 0.00 | 83.11 1.87 0.00 | 69.37 1.62 0.00 | 60.94 1.66 0.00 | 52.82 1.14 0.00 | 48.23 1.18 0.00 | 44.63 1.04 0.00 |
| INDECK___ILION 23567 | 38.97 0.76 0.00 | 36.14 0.71 0.00 | 35.39 0.69 0.00 | 34.85 0.68 0.00 | 36.42 0.75 0.00 | 40.32 0.91 0.00 | 57.93 1.14 0.00 | 67.07 1.32 0.00 | 46.25 0.73 0.00 | 38.96 0.58 0.00 | 35.04 0.52 0.00 | 34.54 0.54 0.00 | 34.38 0.54 0.00 | 35.92 0.57 0.00 | 39.21 0.58 0.00 | 46.43 0.82 0.00 | 65.49 1.28 0.00 | 89.06 1.75 0.00 | 82.86 1.62 0.00 | 69.17 1.42 0.00 | 60.53 1.24 0.00 | 52.87 1.19 0.00 | 48.18 1.13 0.00 | 44.63 1.05 0.00 |
| INDECK___OLEAN 23982 | 35.72 -2.48 0.00 | 33.13 -2.30 0.00 | 32.58 -2.12 0.00 | 32.32 -1.85 0.00 | 33.67 -2.00 0.00 | 37.05 -2.36 0.00 | 52.31 -4.49 0.00 | 59.18 -6.57 0.00 | 40.84 -4.69 0.00 | 35.39 -2.99 0.00 | 31.79 -2.73 0.00 | 31.24 -2.75 0.00 | 31.07 -2.77 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.30 -4.29 0.02 | 58.54 -5.65 0.02 | 79.70 -7.60 0.02 | 74.90 -6.34 0.00 | 61.72 -6.03 0.00 | 54.05 -5.22 0.02 | 47.13 -4.55 0.00 | 42.70 -4.33 0.02 | 39.75 -3.84 0.00 |
| INDECK___OSWEGO 23783 | 37.10 -1.11 0.00 | 34.44 -0.99 0.00 | 33.73 -0.97 0.00 | 33.25 -0.92 0.00 | 34.71 -0.96 0.00 | 38.35 -1.06 0.00 | 55.15 -1.65 0.00 | 63.84 -1.91 0.00 | 44.07 -1.46 0.00 | 37.19 -1.19 0.00 | 33.49 -1.03 0.00 | 33.01 -0.99 0.00 | 32.83 -1.01 0.00 | 34.29 -1.06 0.00 | 37.39 -1.24 0.00 | 44.24 -1.37 0.00 | 62.09 -2.12 0.00 | 84.61 -2.71 0.00 | 78.88 -2.36 0.00 | 65.72 -2.03 0.00 | 57.33 -1.95 0.00 | 50.03 -1.66 0.00 | 45.45 -1.60 0.00 | 42.06 -1.53 0.00 |
| INDECK___YERKES 23781 | 35.45 -2.75 0.00 | 32.84 -2.58 0.00 | 32.37 -2.32 0.00 | 32.12 -2.05 0.00 | 33.31 -2.36 0.00 | 36.50 -2.92 0.00 | 50.66 -6.14 0.00 | 57.66 -8.09 0.00 | 40.20 -5.33 0.00 | 35.27 -3.11 0.01 | 31.79 -2.73 0.01 | 31.30 -2.69 0.01 | 31.09 -2.74 0.01 | 32.51 -2.83 0.01 | 35.30 -3.32 0.01 | 41.22 -4.38 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.68 -7.55 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.46 -5.22 0.00 | 41.81 -5.22 0.02 | 39.23 -4.36 0.00 |
| INDIAN POINT_GT_1 24139 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.99 2.32 0.00 | 42.13 2.72 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.58 3.05 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| INDIAN POINT_GT_2 23659 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.99 2.32 0.00 | 42.13 2.72 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.58 3.05 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| INDIAN POINT_GT_3 24019 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.99 2.32 0.00 | 42.13 2.72 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.58 3.05 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| INDIAN POINT___2 23530 | 40.99 2.79 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.95 2.28 0.00 | 42.13 2.72 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 41.00 2.61 0.00 | 36.90 2.38 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.90 2.55 0.00 | 41.34 2.70 0.00 | 48.53 2.92 0.00 | 67.93 3.72 0.00 | 92.56 5.24 0.00 | 85.70 4.47 0.00 | 71.40 3.66 0.00 | 62.60 3.32 0.00 | 54.42 2.74 0.00 | 49.49 2.45 0.00 | 45.63 2.05 0.00 |
| INDIAN POINT___3 23531 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.75 5.00 0.00 | 48.58 3.05 0.00 | 41.04 2.65 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.93 2.58 0.00 | 41.41 2.78 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| INGHAM_C_115KV_TB7 356103 | 39.89 1.68 0.00 | 37.02 1.59 0.00 | 36.23 1.53 0.00 | 35.67 1.50 0.00 | 37.31 1.64 0.00 | 41.31 1.89 0.00 | 59.30 2.50 0.00 | 68.51 2.76 0.00 | 47.25 1.73 0.00 | 39.73 1.34 0.00 | 35.73 1.21 0.00 | 35.29 1.29 0.00 | 35.13 1.29 0.00 | 36.66 1.31 0.00 | 40.06 1.43 0.00 | 47.48 1.87 0.00 | 66.91 2.70 0.00 | 91.07 3.75 0.00 | 84.89 3.66 0.00 | 70.93 3.18 0.00 | 62.07 2.79 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.98 2.40 0.00 |
| IP CORINTH___1 23988 | 39.66 1.45 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.37 1.20 0.00 | 36.95 1.28 0.00 | 41.11 1.69 0.00 | 59.07 2.27 0.00 | 68.32 2.56 0.00 | 46.39 0.86 0.00 | 39.69 1.31 0.00 | 35.45 0.93 0.00 | 34.85 0.85 0.00 | 34.79 0.95 0.00 | 36.45 1.10 0.00 | 39.98 1.35 0.00 | 46.52 0.91 0.00 | 66.14 1.93 0.00 | 90.02 2.71 0.00 | 83.59 2.36 0.00 | 69.78 2.03 0.00 | 61.30 2.02 0.00 | 53.08 1.40 0.00 | 48.46 1.41 0.00 | 44.85 1.26 0.00 |
| IP___TICONDEROGA 23804 | 41.07 2.87 0.00 | 38.16 2.73 0.00 | 37.34 2.64 0.00 | 36.60 2.43 0.00 | 38.24 2.57 0.00 | 42.76 3.35 0.00 | 61.57 4.77 0.00 | 71.08 5.33 0.00 | 47.71 2.19 0.00 | 40.46 2.07 0.00 | 36.04 1.52 0.00 | 35.36 1.36 0.00 | 35.30 1.46 0.00 | 37.05 1.70 0.00 | 40.68 2.05 0.00 | 47.76 2.14 0.00 | 68.51 4.30 0.00 | 93.61 6.29 0.00 | 87.08 5.85 0.00 | 72.63 4.88 0.00 | 63.73 4.45 0.00 | 55.15 3.46 0.00 | 50.25 3.20 0.00 | 46.42 2.83 0.00 |
| ISLIP_RES_REC 323679 | 40.65 2.45 0.00 | 37.30 1.88 0.00 | 36.22 1.53 0.00 | 35.57 1.40 0.00 | 37.27 1.61 0.00 | 41.62 2.21 0.00 | 59.24 3.24 0.80 | 68.27 4.08 1.56 | 47.66 2.14 0.01 | 33.14 2.15 7.39 | 36.73 2.21 0.01 | 34.12 2.38 2.25 | 35.43 2.37 0.78 | 37.96 2.62 0.01 | 41.45 2.82 0.00 | 47.71 2.37 0.27 | 66.36 3.79 1.63 | 88.68 4.80 3.44 | 82.53 4.22 2.93 | 70.43 4.61 1.93 | 61.41 3.32 1.19 | 53.59 2.48 0.57 | 47.37 1.51 1.18 | 37.54 1.35 7.40 |

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| JAMAICA__27_KV_LOAD 355505 | 41.61 3.40 0.00 | 38.37 2.94 0.00 | 37.44 2.74 0.00 | 36.77 2.60 0.00 | 38.41 2.75 0.00 | 42.69 3.27 0.00 | 61.63 4.83 0.00 | 71.87 6.11 0.00 | 49.22 3.69 0.00 | 41.73 3.34 0.00 | 37.60 3.07 0.00 | 37.10 3.09 0.00 | 36.93 3.08 0.00 | 38.61 3.25 0.00 | 42.19 3.55 0.00 | 49.44 3.83 0.00 | 69.09 4.88 0.00 | 94.22 6.90 0.00 | 87.17 5.93 0.00 | 72.63 4.88 0.00 | 63.73 4.45 0.00 | 55.30 3.62 0.00 | 50.34 3.29 0.00 | 46.37 2.79 0.00 |
| JANIS__SOLAR 323808 | 38.81 0.61 0.00 | 36.03 0.60 0.00 | 35.25 0.55 0.00 | 34.71 0.55 0.00 | 36.45 0.78 0.00 | 40.60 1.18 0.00 | 58.50 1.70 0.00 | 67.46 1.71 0.00 | 46.07 0.55 0.00 | 38.35 -0.04 0.00 | 34.32 -0.21 0.00 | 33.69 -0.31 0.00 | 33.47 -0.37 0.00 | 35.07 -0.28 0.00 | 38.32 -0.31 0.00 | 45.87 0.23 -0.03 | 65.46 1.22 -0.03 | 89.88 2.53 -0.03 | 83.83 2.60 0.00 | 69.78 2.03 0.00 | 60.80 1.48 -0.03 | 52.92 1.24 0.00 | 47.97 0.89 -0.03 | 44.41 0.83 0.00 |
| JARVIS____ 23743 | 38.40 0.19 0.00 | 35.61 0.18 0.00 | 34.91 0.21 0.00 | 34.34 0.17 0.00 | 35.88 0.22 0.00 | 39.65 0.24 0.00 | 57.08 0.29 0.00 | 66.15 0.40 0.00 | 45.66 0.14 0.00 | 38.46 0.08 0.00 | 34.63 0.10 0.00 | 34.10 0.10 0.00 | 33.94 0.10 0.00 | 35.46 0.11 0.00 | 38.75 0.12 0.00 | 45.79 0.18 0.00 | 64.47 0.26 0.00 | 87.67 0.35 0.00 | 81.48 0.24 0.00 | 67.95 0.20 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.19 0.14 0.00 | 43.71 0.13 0.00 |
| JENNISON____1 23625 | 39.24 1.03 0.00 | 36.42 0.99 0.00 | 35.64 0.94 0.00 | 35.02 0.85 0.00 | 36.74 1.07 0.00 | 40.87 1.46 0.00 | 58.84 2.04 0.00 | 67.99 2.24 0.00 | 46.53 1.00 0.00 | 38.92 0.54 0.00 | 35.01 0.48 0.00 | 34.40 0.41 0.00 | 34.21 0.37 0.00 | 35.78 0.42 0.00 | 39.06 0.42 0.00 | 46.48 0.87 -0.01 | 66.21 1.99 -0.01 | 90.73 3.41 -0.01 | 84.32 3.09 0.00 | 70.32 2.57 0.00 | 61.31 2.02 -0.01 | 53.28 1.60 0.00 | 48.37 1.32 -0.01 | 44.76 1.18 0.00 |
| JENNISON____2 23626 | 39.24 1.03 0.00 | 36.42 0.99 0.00 | 35.64 0.94 0.00 | 35.02 0.85 0.00 | 36.74 1.07 0.00 | 40.87 1.46 0.00 | 58.84 2.04 0.00 | 67.99 2.24 0.00 | 46.53 1.00 0.00 | 38.92 0.54 0.00 | 35.01 0.48 0.00 | 34.40 0.41 0.00 | 34.21 0.37 0.00 | 35.78 0.42 0.00 | 39.06 0.42 0.00 | 46.48 0.87 -0.01 | 66.21 1.99 -0.01 | 90.73 3.41 -0.01 | 84.32 3.09 0.00 | 70.32 2.57 0.00 | 61.31 2.02 -0.01 | 53.28 1.60 0.00 | 48.37 1.32 -0.01 | 44.76 1.18 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 37.14 -1.07 0.00 | 34.40 -1.03 0.00 | 33.62 -1.08 0.00 | 33.18 -0.99 0.00 | 34.60 -1.07 0.00 | 38.31 -1.10 0.00 | 55.60 -1.20 0.00 | 64.24 -1.51 0.00 | 44.52 -1.00 0.00 | 37.35 -1.03 0.00 | 33.56 -0.97 0.00 | 32.94 -1.05 0.00 | 32.73 -1.12 0.00 | 34.15 -1.20 0.00 | 37.47 -1.16 0.00 | 44.29 -1.32 0.00 | 62.86 -1.35 0.00 | 85.57 -1.75 0.00 | 80.18 -1.06 0.00 | 66.94 -0.81 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.00 -0.05 0.00 | 43.67 0.09 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 41.11 2.90 0.00 | 37.98 2.55 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.09 2.43 0.00 | 42.25 2.84 0.00 | 60.89 4.09 0.00 | 70.95 5.19 0.00 | 48.76 3.23 0.00 | 41.11 2.73 0.00 | 37.04 2.52 0.00 | 36.51 2.52 0.00 | 36.35 2.50 0.00 | 38.04 2.69 0.00 | 41.53 2.90 0.00 | 48.85 3.24 0.00 | 68.45 4.24 0.00 | 93.17 5.85 0.00 | 86.19 4.96 0.00 | 71.88 4.13 0.00 | 62.90 3.62 0.00 | 54.63 2.95 0.00 | 49.78 2.73 0.00 | 45.94 2.35 0.00 |
| KCE_NY_1 323755 | 40.00 1.80 0.00 | 37.09 1.67 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.27 1.61 0.00 | 41.35 1.93 0.00 | 59.52 2.73 0.00 | 68.84 3.09 0.00 | 46.84 1.32 0.00 | 39.23 0.84 0.00 | 35.14 0.62 0.00 | 34.54 0.54 0.00 | 34.52 0.68 0.00 | 36.13 0.78 0.00 | 39.68 1.04 0.00 | 47.11 1.50 0.00 | 66.84 2.63 0.00 | 90.90 3.58 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.72 2.43 0.00 | 53.54 1.86 0.00 | 48.84 1.79 0.00 | 45.20 1.61 0.00 |
| KCE_NY_6_ESR 323823 | 35.49 -2.71 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.42 -2.25 0.00 | 36.65 -2.76 0.00 | 51.12 -5.68 0.00 | 58.19 -7.56 0.00 | 40.47 -5.05 0.00 | 35.35 -3.03 0.00 | 31.83 -2.69 0.00 | 31.31 -2.69 0.00 | 31.13 -2.71 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.30 -4.29 0.02 | 57.83 -6.36 0.02 | 78.75 -8.55 0.02 | 74.17 -7.07 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 46.77 -4.91 0.00 | 42.19 -4.85 0.02 | 39.48 -4.10 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 40.46 2.25 0.00 | 37.16 1.74 0.00 | 36.09 1.39 0.00 | 35.43 1.27 0.00 | 37.13 1.46 0.00 | 41.42 2.01 0.00 | 58.74 2.84 0.90 | 67.61 3.61 1.75 | 47.43 1.91 0.01 | 31.16 1.99 9.22 | 36.55 2.04 0.01 | 33.36 2.18 2.81 | 35.07 2.20 0.97 | 37.78 2.44 0.01 | 41.22 2.59 0.00 | 47.34 2.05 0.33 | 65.64 3.27 1.84 | 87.55 4.10 3.88 | 81.50 3.57 3.30 | 69.71 4.13 2.17 | 60.84 2.90 1.35 | 53.16 2.12 0.64 | 46.81 1.22 1.46 | 35.48 1.13 9.23 |
| KEDC_PORT_JEFF_GT3 24211 | 40.46 2.25 0.00 | 37.16 1.74 0.00 | 36.09 1.39 0.00 | 35.43 1.27 0.00 | 37.13 1.46 0.00 | 41.42 2.01 0.00 | 58.74 2.84 0.90 | 67.61 3.61 1.75 | 47.43 1.91 0.01 | 31.16 1.99 9.22 | 36.55 2.04 0.01 | 33.36 2.18 2.81 | 35.07 2.20 0.97 | 37.78 2.44 0.01 | 41.22 2.59 0.00 | 47.34 2.05 0.33 | 65.64 3.27 1.84 | 87.55 4.10 3.88 | 81.50 3.57 3.30 | 69.71 4.13 2.17 | 60.84 2.90 1.35 | 53.16 2.12 0.64 | 46.81 1.22 1.46 | 35.48 1.13 9.23 |
| KEDC_GLWD_GT4 24219 | 41.15 2.94 0.00 | 37.91 2.48 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.92 2.25 0.00 | 42.21 2.80 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.52 3.00 0.01 | 41.18 2.80 0.01 | 37.21 2.69 0.01 | 36.78 2.79 0.01 | 36.61 2.78 0.01 | 38.32 2.97 0.01 | 41.80 3.17 0.00 | 48.76 3.14 0.00 | 68.59 4.37 -0.01 | 93.08 5.76 0.00 | 86.28 5.04 -0.01 | 72.50 4.74 -0.01 | 63.21 3.91 -0.01 | 54.79 3.10 -0.01 | 49.50 2.45 0.00 | 45.76 2.18 0.00 |
| KEDC_GLWD_GT5 24220 | 41.15 2.94 0.00 | 37.91 2.48 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.92 2.25 0.00 | 42.21 2.80 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.52 3.00 0.01 | 41.18 2.80 0.01 | 37.21 2.69 0.01 | 36.78 2.79 0.01 | 36.61 2.78 0.01 | 38.32 2.97 0.01 | 41.80 3.17 0.00 | 48.76 3.14 0.00 | 68.59 4.37 -0.01 | 93.08 5.76 0.00 | 86.28 5.04 -0.01 | 72.50 4.74 -0.01 | 63.21 3.91 -0.01 | 54.79 3.10 -0.01 | 49.50 2.45 0.00 | 45.76 2.18 0.00 |
| KENSICO____ 23655 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 60.89 4.09 0.00 | 70.95 5.19 0.00 | 48.71 3.19 0.00 | 41.15 2.76 0.00 | 37.08 2.55 0.00 | 36.55 2.55 0.00 | 36.38 2.54 0.00 | 38.04 2.69 0.00 | 41.57 2.94 0.00 | 48.76 3.15 0.00 | 68.19 3.98 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 71.68 3.93 0.00 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 49.68 2.63 0.00 | 45.81 2.22 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 41.11 2.90 0.00 | 37.98 2.55 0.00 | 37.13 2.43 0.00 | 36.42 2.26 0.00 | 38.09 2.43 0.00 | 42.29 2.88 0.00 | 61.17 4.37 0.00 | 71.01 5.26 0.00 | 48.67 3.14 0.00 | 40.92 2.53 0.00 | 36.73 2.21 0.00 | 36.17 2.18 0.00 | 35.97 2.13 0.00 | 37.61 2.26 0.00 | 41.10 2.47 0.00 | 48.53 2.92 0.00 | 68.51 4.30 0.00 | 93.69 6.37 0.00 | 86.92 5.69 0.00 | 72.36 4.61 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.06 3.01 0.00 | 46.07 2.48 0.00 |

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| KIAC_JFK_GT1 23816 | 41.49 3.29 0.00 | 38.26 2.83 0.00 | 37.34 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.61 3.19 0.00 | 61.46 4.66 0.00 | 71.74 5.98 0.00 | 49.13 3.60 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.86 3.01 0.00 | 38.50 3.15 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.90 4.69 0.00 | 93.95 6.64 0.00 | 86.92 5.69 0.00 | 72.42 4.67 0.00 | 63.49 4.21 0.00 | 55.15 3.46 0.00 | 50.20 3.15 0.00 | 46.29 2.70 0.00 |
| KIAC_JFK_GT2 23817 | 41.49 3.29 0.00 | 38.26 2.83 0.00 | 37.34 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.61 3.19 0.00 | 61.46 4.66 0.00 | 71.74 5.98 0.00 | 49.13 3.60 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.86 3.01 0.00 | 38.50 3.15 0.00 | 42.07 3.44 0.00 | 49.31 3.69 0.00 | 68.90 4.69 0.00 | 93.95 6.64 0.00 | 86.92 5.69 0.00 | 72.42 4.67 0.00 | 63.49 4.21 0.00 | 55.15 3.46 0.00 | 50.20 3.15 0.00 | 46.29 2.70 0.00 |
| KIAC_JFK____ 323774 | 41.49 3.29 0.00 | 38.30 2.87 0.00 | 37.37 2.67 0.00 | 36.66 2.49 0.00 | 38.27 2.60 0.00 | 42.61 3.19 0.00 | 61.51 4.71 0.00 | 71.67 5.92 0.00 | 49.12 3.60 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 37.06 3.06 0.00 | 36.89 3.05 0.00 | 38.54 3.18 0.00 | 42.11 3.48 0.00 | 49.30 3.69 0.00 | 68.96 4.75 0.00 | 93.95 6.63 0.00 | 86.92 5.68 0.00 | 72.36 4.61 0.00 | 63.55 4.27 0.00 | 55.20 3.52 0.00 | 50.20 3.15 0.00 | 46.24 2.66 0.00 |
| KINTIGH__24_KV_GSU 356498 | 35.76 -2.45 0.00 | 33.13 -2.30 0.00 | 32.62 -2.08 0.00 | 32.32 -1.85 0.00 | 33.53 -2.14 0.00 | 36.85 -2.56 0.00 | 51.46 -5.34 0.00 | 58.85 -6.90 0.00 | 41.02 -4.51 0.00 | 35.74 -2.65 0.00 | 32.21 -2.31 0.00 | 31.79 -2.21 0.00 | 31.61 -2.23 0.00 | 32.98 -2.37 0.00 | 35.81 -2.82 0.00 | 42.00 -3.60 0.01 | 58.23 -5.97 0.01 | 79.45 -7.86 0.01 | 74.66 -6.58 0.00 | 61.45 -6.30 0.00 | 53.17 -6.10 0.01 | 47.03 -4.65 0.00 | 42.24 -4.80 0.01 | 39.62 -3.97 0.00 |
| KINTIGH____ 23543 | 35.68 -2.52 0.00 | 33.30 -2.13 0.00 | 32.65 -2.05 0.00 | 32.29 -1.88 0.00 | 33.49 -2.18 0.00 | 36.85 -2.56 0.00 | 51.46 -5.34 0.00 | 58.58 -7.17 0.00 | 41.11 -4.42 0.00 | 35.39 -2.99 0.00 | 32.17 -2.35 0.00 | 31.79 -2.21 0.00 | 31.58 -2.27 0.00 | 32.95 -2.40 0.00 | 35.77 -2.86 0.00 | 41.95 -3.65 0.01 | 58.23 -5.97 0.01 | 79.53 -7.77 0.01 | 74.49 -6.74 0.00 | 61.45 -6.30 0.00 | 53.28 -5.99 0.01 | 47.29 -4.39 0.00 | 42.24 -4.80 0.01 | 39.62 -3.97 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 37.36 -0.84 0.00 | 34.61 -0.81 0.00 | 33.80 -0.90 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.59 -0.83 0.00 | 56.12 -0.68 0.00 | 64.77 -0.99 0.00 | 44.89 -0.64 0.00 | 37.62 -0.77 0.00 | 33.73 -0.79 0.00 | 33.11 -0.88 0.00 | 32.90 -0.95 0.00 | 34.29 -1.06 0.00 | 37.63 -1.00 0.00 | 44.52 -1.09 0.00 | 63.44 -0.77 0.00 | 86.27 -1.05 0.00 | 80.99 -0.24 0.00 | 67.61 -0.14 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.47 0.42 0.00 | 44.06 0.48 0.00 |
| LACHUTE____HYDRO 323717 | 41.07 2.87 0.00 | 38.16 2.73 0.00 | 37.33 2.64 0.00 | 36.60 2.43 0.00 | 38.24 2.57 0.00 | 42.76 3.35 0.00 | 61.57 4.77 0.00 | 71.08 5.32 0.00 | 47.71 2.19 0.00 | 39.54 1.15 0.00 | 35.25 0.73 0.00 | 34.57 0.58 0.00 | 34.55 0.71 0.00 | 36.24 0.88 0.00 | 39.83 1.20 0.00 | 47.76 2.14 0.00 | 68.51 4.30 0.00 | 93.61 6.29 0.00 | 87.09 5.85 0.00 | 72.63 4.88 0.00 | 63.73 4.45 0.00 | 55.15 3.46 0.00 | 50.25 3.20 0.00 | 46.41 2.83 0.00 |
| LAWRNCV_115KV_TB1 80681 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.94 0.24 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.32 0.00 | 57.65 0.85 0.00 | 66.47 0.72 0.00 | 45.93 0.41 0.00 | 38.50 0.12 0.00 | 34.59 0.07 0.00 | 34.00 0.00 0.00 | 33.81 -0.03 0.00 | 35.25 -0.11 0.00 | 38.59 -0.04 0.00 | 45.61 0.00 0.00 | 64.60 0.39 0.00 | 87.32 0.00 0.00 | 81.89 0.65 0.00 | 68.36 0.61 0.00 | 60.00 0.71 0.00 | 52.66 0.98 0.00 | 48.27 1.22 0.00 | 44.76 1.18 0.00 |
| LEDERLE____ 23769 | 41.19 2.98 0.00 | 38.05 2.62 0.00 | 37.16 2.46 0.00 | 36.49 2.32 0.00 | 38.13 2.46 0.00 | 42.33 2.92 0.00 | 61.06 4.26 0.00 | 71.14 5.39 0.00 | 48.76 3.23 0.00 | 41.19 2.80 0.00 | 37.04 2.52 0.00 | 36.51 2.52 0.00 | 36.35 2.50 0.00 | 38.04 2.69 0.00 | 41.53 2.90 0.00 | 48.80 3.19 0.00 | 68.38 4.17 0.00 | 93.26 5.94 0.00 | 86.35 5.12 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 37.56 -0.65 0.00 | 34.90 -0.53 0.00 | 34.14 -0.56 0.00 | 33.59 -0.58 0.00 | 35.17 -0.50 0.00 | 38.90 -0.51 0.00 | 55.95 -0.85 0.00 | 64.63 -1.12 0.00 | 44.48 -1.05 0.00 | 37.46 -0.92 0.00 | 33.73 -0.79 0.00 | 33.18 -0.82 0.00 | 33.03 -0.81 0.00 | 34.50 -0.85 0.00 | 37.63 -1.00 0.00 | 44.65 -0.96 0.00 | 62.93 -1.28 0.00 | 85.83 -1.48 0.00 | 80.02 -1.22 0.00 | 66.73 -1.02 0.00 | 58.22 -1.07 0.00 | 50.96 -0.72 0.00 | 46.20 -0.85 0.00 | 42.80 -0.78 0.00 |
| LINDEN COGEN____ 23786 | 41.37 3.17 0.00 | 38.19 2.77 0.00 | 37.27 2.57 0.00 | 36.60 2.43 0.00 | 38.20 2.53 0.00 | 42.49 3.08 0.00 | 61.17 4.37 0.00 | 71.34 5.59 0.00 | 49.08 3.55 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.86 3.01 0.00 | 38.50 3.15 0.00 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.43 6.11 0.00 | 86.36 5.12 0.00 | 71.95 4.20 0.00 | 63.20 3.91 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |
| LINDHRST_69_KV_BK1 356055 | 41.15 2.94 0.00 | 37.73 2.30 0.00 | 36.71 2.01 0.00 | 36.05 1.88 0.00 | 37.77 2.10 0.00 | 42.13 2.72 0.00 | 60.46 3.98 0.32 | 70.06 4.93 0.62 | 48.25 2.73 0.01 | 40.49 2.65 0.54 | 37.14 2.62 0.01 | 36.55 2.72 0.17 | 36.45 2.67 0.06 | 38.28 2.93 0.01 | 41.92 3.28 0.00 | 48.53 2.96 0.05 | 68.06 4.49 0.65 | 91.97 6.02 1.38 | 86.16 6.09 1.17 | 72.40 5.42 0.76 | 62.96 4.15 0.47 | 54.51 3.05 0.22 | 49.17 2.26 0.14 | 45.18 2.14 0.54 |
| LIPA_MISC_IPP 23656 | 40.08 1.87 0.00 | 36.70 1.28 0.00 | 35.70 1.01 0.00 | 35.09 0.92 0.00 | 36.77 1.11 0.00 | 41.03 1.62 0.00 | 58.43 2.27 0.64 | 67.52 3.02 1.25 | 46.93 1.41 0.01 | 31.39 1.61 8.60 | 36.17 1.66 0.01 | 33.07 1.70 2.62 | 34.63 1.69 0.91 | 37.26 1.91 0.01 | 40.76 2.12 0.00 | 46.88 1.55 0.28 | 65.46 2.57 1.32 | 88.04 3.49 2.77 | 82.53 3.66 2.36 | 69.65 3.46 1.55 | 60.63 2.31 0.96 | 52.62 1.40 0.46 | 46.48 0.75 1.32 | 35.75 0.78 8.61 |
| LISF____SOLAR 323691 | 40.11 1.91 0.00 | 36.81 1.38 0.00 | 35.74 1.04 0.00 | 35.12 0.96 0.00 | 36.77 1.11 0.00 | 41.07 1.66 0.00 | 58.45 2.33 0.68 | 67.45 3.03 1.32 | 46.98 1.46 0.01 | 31.45 1.61 8.54 | 36.17 1.66 0.01 | 33.19 1.80 2.60 | 34.74 1.79 0.90 | 37.36 2.01 0.01 | 40.76 2.12 0.00 | 46.92 1.60 0.28 | 65.45 2.63 1.39 | 87.71 3.32 2.93 | 81.58 2.84 2.50 | 69.63 3.52 1.64 | 60.64 2.37 1.02 | 52.85 1.65 0.49 | 46.53 0.80 1.32 | 35.77 0.74 8.55 |
| LITTLE FALLS____HYD 24013 | 39.89 1.68 0.00 | 37.02 1.59 0.00 | 36.23 1.53 0.00 | 35.67 1.50 0.00 | 37.31 1.64 0.00 | 41.31 1.89 0.00 | 59.30 2.50 0.00 | 68.51 2.76 0.00 | 47.25 1.73 0.00 | 39.73 1.34 0.00 | 35.73 1.21 0.00 | 35.29 1.29 0.00 | 35.13 1.29 0.00 | 36.66 1.31 0.00 | 40.06 1.43 0.00 | 47.48 1.87 0.00 | 66.91 2.70 0.00 | 91.07 3.75 0.00 | 84.89 3.66 0.00 | 70.93 3.18 0.00 | 62.07 2.79 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.98 2.40 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 38.85 0.65 0.00 | 36.06 0.64 0.00 | 35.29 0.59 0.00 | 34.75 0.58 0.00 | 36.27 0.61 0.00 | 40.20 0.79 0.00 | 58.39 1.59 0.00 | 67.26 1.51 0.00 | 46.30 0.77 0.00 | 38.69 0.31 0.00 | 34.73 0.21 0.00 | 34.13 0.14 0.00 | 33.91 0.07 0.00 | 35.35 0.00 0.00 | 38.75 0.12 0.00 | 45.84 0.23 0.00 | 65.17 0.96 0.00 | 88.28 0.96 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.77 1.48 0.00 | 53.28 1.60 0.00 | 48.84 1.79 0.00 | 45.33 1.74 0.00 |
| LI_NEWBRDGE___DRP 323616 | 40.65 2.45 0.00 | 37.34 1.91 0.00 | 36.36 1.67 0.00 | 35.71 1.54 0.00 | 37.38 1.71 0.00 | 41.66 2.25 0.00 | 59.87 3.07 0.00 | 69.76 4.01 0.00 | 47.80 2.28 0.01 | 40.72 2.34 0.01 | 36.80 2.28 0.01 | 36.37 2.38 0.01 | 36.21 2.37 0.01 | 37.89 2.55 0.01 | 41.38 2.74 0.00 | 47.98 2.37 0.00 | 67.80 3.60 0.01 | 91.86 4.54 0.00 | 85.94 4.71 0.01 | 72.08 4.34 0.01 | 62.54 3.26 0.01 | 54.00 2.33 0.01 | 48.70 1.65 0.00 | 45.11 1.53 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 35.42 -2.79 0.00 | 33.16 -2.27 0.00 | 32.20 -2.50 0.00 | 32.22 -1.95 0.00 | 33.38 -2.28 0.00 | 36.62 -2.80 0.00 | 50.44 -6.36 0.00 | 57.20 -8.55 0.00 | 40.15 -5.37 0.00 | 34.70 -3.68 0.00 | 31.55 -2.97 0.00 | 31.17 -2.82 0.00 | 30.96 -2.88 0.00 | 32.35 -3.00 0.00 | 35.11 -3.52 0.00 | 41.04 -4.56 0.01 | 57.13 -7.06 0.01 | 77.96 -9.34 0.01 | 73.19 -8.04 0.00 | 60.23 -7.52 0.00 | 52.27 -7.00 0.01 | 46.51 -5.17 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| LOCKPORT___CC1 323769 | 35.45 -2.75 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.35 -2.32 0.00 | 36.54 -2.88 0.00 | 50.44 -6.36 0.00 | 57.40 -8.35 0.00 | 40.01 -5.51 0.00 | 35.08 -3.30 0.00 | 31.62 -2.90 0.00 | 31.17 -2.82 0.00 | 31.00 -2.84 0.00 | 32.35 -3.01 0.00 | 35.12 -3.52 0.00 | 41.04 -4.56 0.01 | 57.13 -7.06 0.01 | 77.79 -9.52 0.01 | 73.28 -7.96 0.00 | 60.23 -7.52 0.00 | 52.15 -7.12 0.01 | 46.15 -5.53 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| LOCKPORT___CC2 323770 | 35.45 -2.75 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.35 -2.32 0.00 | 36.54 -2.88 0.00 | 50.44 -6.36 0.00 | 57.40 -8.35 0.00 | 40.01 -5.51 0.00 | 35.08 -3.30 0.00 | 31.62 -2.90 0.00 | 31.17 -2.82 0.00 | 31.00 -2.84 0.00 | 32.35 -3.01 0.00 | 35.12 -3.52 0.00 | 41.04 -4.56 0.01 | 57.13 -7.06 0.01 | 77.79 -9.52 0.01 | 73.28 -7.96 0.00 | 60.23 -7.52 0.00 | 52.15 -7.12 0.01 | 46.15 -5.53 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| LOCKPORT___CC3 323771 | 35.45 -2.75 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.35 -2.32 0.00 | 36.54 -2.88 0.00 | 50.44 -6.36 0.00 | 57.40 -8.35 0.00 | 40.01 -5.51 0.00 | 35.08 -3.30 0.00 | 31.62 -2.90 0.00 | 31.17 -2.82 0.00 | 31.00 -2.84 0.00 | 32.35 -3.01 0.00 | 35.12 -3.52 0.00 | 41.04 -4.56 0.01 | 57.13 -7.06 0.01 | 77.79 -9.52 0.01 | 73.28 -7.96 0.00 | 60.23 -7.52 0.00 | 52.15 -7.12 0.01 | 46.15 -5.53 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 41.07 2.87 0.00 | 37.73 2.30 0.00 | 36.78 2.08 0.00 | 36.12 1.95 0.00 | 37.81 2.14 0.00 | 42.09 2.68 0.00 | 60.49 3.69 0.00 | 70.42 4.67 0.00 | 48.34 2.82 0.01 | 41.11 2.73 0.01 | 37.14 2.62 0.01 | 36.68 2.69 0.01 | 36.51 2.67 0.01 | 38.25 2.90 0.01 | 41.76 3.13 0.00 | 48.53 2.92 0.00 | 68.39 4.17 -0.01 | 92.91 5.59 0.00 | 86.60 5.36 -0.01 | 72.50 4.74 -0.01 | 63.08 3.79 -0.01 | 54.53 2.84 -0.01 | 49.26 2.21 0.00 | 45.63 2.05 0.00 |
| LONG_LAKE_PHOENIX 24014 | 37.17 -1.03 0.00 | 34.51 -0.92 0.00 | 33.80 -0.90 0.00 | 33.28 -0.89 0.00 | 34.78 -0.89 0.00 | 38.47 -0.95 0.00 | 55.32 -1.48 0.00 | 64.04 -1.71 0.00 | 44.20 -1.32 0.00 | 37.27 -1.11 0.00 | 33.59 -0.93 0.00 | 33.08 -0.92 0.00 | 32.93 -0.91 0.00 | 34.40 -0.95 0.00 | 37.51 -1.12 0.00 | 44.38 -1.23 0.00 | 62.28 -1.93 0.00 | 84.96 -2.36 0.00 | 79.12 -2.11 0.00 | 65.85 -1.90 0.00 | 57.45 -1.84 0.00 | 50.18 -1.50 0.00 | 45.50 -1.55 0.00 | 42.14 -1.44 0.00 |
| LOVETT___3 23632 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.58 3.05 0.00 | 41.03 2.65 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.93 2.58 0.00 | 41.41 2.78 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| LOVETT___4 23642 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.58 3.05 0.00 | 41.03 2.65 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.93 2.58 0.00 | 41.41 2.78 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| LOVETT___5 23593 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.58 3.05 0.00 | 41.03 2.65 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.93 2.58 0.00 | 41.41 2.78 0.00 | 48.62 3.01 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| LOWER RAQUET___HYD 24057 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.91 0.21 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.31 0.00 | 57.65 0.85 0.00 | 66.41 0.66 0.00 | 45.89 0.36 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.74 -0.10 0.00 | 35.18 -0.18 0.00 | 38.56 -0.08 0.00 | 45.61 0.00 0.00 | 64.47 0.26 0.00 | 87.14 -0.17 0.00 | 81.81 0.57 0.00 | 68.29 0.54 0.00 | 59.94 0.65 0.00 | 52.66 0.98 0.00 | 48.32 1.27 0.00 | 44.80 1.22 0.00 |
| LOWER___HUDSON 24059 | 39.77 1.57 0.00 | 36.85 1.42 0.00 | 36.09 1.39 0.00 | 35.50 1.33 0.00 | 37.06 1.39 0.00 | 41.03 1.62 0.00 | 59.07 2.27 0.00 | 68.38 2.63 0.00 | 46.52 1.00 0.00 | 39.11 0.73 0.00 | 35.07 0.55 0.00 | 34.51 0.51 0.00 | 34.65 0.81 0.00 | 36.24 0.88 0.00 | 39.79 1.16 0.00 | 47.07 1.46 0.00 | 66.39 2.18 0.00 | 90.20 2.88 0.00 | 83.51 2.27 0.00 | 69.85 2.10 0.00 | 61.24 1.95 0.00 | 53.08 1.40 0.00 | 48.51 1.46 0.00 | 44.89 1.31 0.00 |
| LOWVILLE_115KV_TB2 356335 | 38.24 0.04 0.00 | 35.57 0.14 0.00 | 34.77 0.07 0.00 | 34.17 0.00 0.00 | 35.85 0.18 0.00 | 39.73 0.32 0.00 | 57.42 0.62 0.00 | 66.28 0.53 0.00 | 45.39 -0.14 0.00 | 37.89 -0.50 0.00 | 34.11 -0.41 0.00 | 33.52 -0.48 0.00 | 33.40 -0.44 0.00 | 34.86 -0.49 0.00 | 38.09 -0.54 0.00 | 45.34 -0.27 0.00 | 64.40 0.19 0.00 | 87.75 0.44 0.00 | 81.97 0.73 0.00 | 68.43 0.68 0.00 | 59.70 0.41 0.00 | 52.35 0.67 0.00 | 47.66 0.61 0.00 | 44.06 0.48 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 40.00 1.80 0.00 | 37.06 1.63 0.00 | 36.29 1.60 0.00 | 35.67 1.50 0.00 | 37.24 1.57 0.00 | 41.35 1.93 0.00 | 59.52 2.73 0.00 | 68.84 3.09 0.00 | 46.84 1.32 0.00 | 39.54 1.15 0.00 | 35.38 0.86 0.00 | 34.81 0.82 0.00 | 34.79 0.95 0.00 | 36.41 1.06 0.00 | 39.95 1.31 0.00 | 47.12 1.51 0.00 | 66.78 2.57 0.00 | 90.81 3.49 0.00 | 84.24 3.01 0.00 | 70.39 2.64 0.00 | 61.66 2.37 0.00 | 53.49 1.81 0.00 | 48.84 1.79 0.00 | 45.15 1.57 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 40.00 1.80 0.00 | 37.09 1.67 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.27 1.61 0.00 | 41.35 1.93 0.00 | 59.52 2.73 0.00 | 68.84 3.09 0.00 | 46.84 1.32 0.00 | 39.57 1.19 0.00 | 35.38 0.86 0.00 | 34.81 0.82 0.00 | 34.79 0.95 0.00 | 36.41 1.06 0.00 | 39.95 1.31 0.00 | 47.12 1.51 0.00 | 66.84 2.63 0.00 | 90.90 3.58 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.71 2.43 0.00 | 53.54 1.86 0.00 | 48.84 1.79 0.00 | 45.20 1.61 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 66.01 0.26 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.41 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.08 -0.13 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| LYONS_FALL_HYD 23570 | 38.47 0.27 0.00 | 35.78 0.35 0.00 | 35.01 0.31 0.00 | 34.41 0.24 0.00 | 36.06 0.39 0.00 | 40.01 0.59 0.00 | 57.70 0.91 0.00 | 66.60 0.85 0.00 | 45.75 0.23 0.00 | 38.23 -0.15 0.00 | 34.42 -0.10 0.00 | 33.83 -0.17 0.00 | 33.71 -0.13 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.70 0.09 0.00 | 64.92 0.71 0.00 | 88.37 1.05 0.00 | 82.37 1.14 0.00 | 68.77 1.02 0.00 | 60.00 0.71 0.00 | 52.46 0.78 0.00 | 47.76 0.71 0.00 | 44.19 0.61 0.00 |
| MADISON___COUNTY_LFGE 323628 | 38.82 0.61 0.00 | 36.10 0.67 0.00 | 35.32 0.62 0.00 | 34.75 0.58 0.00 | 36.42 0.75 0.00 | 40.40 0.99 0.00 | 58.22 1.42 0.00 | 67.26 1.51 0.00 | 46.21 0.68 0.00 | 38.73 0.35 0.00 | 34.83 0.31 0.00 | 34.27 0.27 0.00 | 34.11 0.27 0.00 | 35.67 0.32 0.00 | 38.94 0.31 0.00 | 46.20 0.59 0.00 | 65.49 1.28 0.00 | 89.24 1.92 0.00 | 83.02 1.79 0.00 | 69.17 1.42 0.00 | 60.35 1.07 0.00 | 52.66 0.98 0.00 | 47.85 0.80 0.00 | 44.28 0.70 0.00 |
| MALONE___115KV_TB1 356076 | 37.71 -0.50 0.00 | 34.97 -0.46 0.00 | 34.18 -0.52 0.00 | 33.73 -0.44 0.00 | 35.13 -0.54 0.00 | 38.98 -0.43 0.00 | 56.74 -0.06 0.00 | 65.49 -0.26 0.00 | 45.34 -0.18 0.00 | 38.00 -0.38 0.00 | 34.11 -0.41 0.00 | 33.45 -0.54 0.00 | 33.23 -0.61 0.00 | 34.65 -0.71 0.00 | 37.98 -0.66 0.00 | 44.93 -0.68 0.00 | 63.95 -0.26 0.00 | 86.79 -0.52 0.00 | 81.48 0.24 0.00 | 68.02 0.27 0.00 | 59.82 0.53 0.00 | 52.20 0.52 0.00 | 47.85 0.80 0.00 | 44.37 0.78 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 39.70 1.49 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.43 1.26 0.00 | 36.99 1.32 0.00 | 40.91 1.50 0.00 | 58.90 2.10 0.00 | 68.25 2.50 0.00 | 45.80 0.27 0.00 | 38.65 0.27 0.00 | 34.73 0.21 0.00 | 34.17 0.17 0.00 | 34.65 0.81 0.00 | 36.27 0.92 0.00 | 39.71 1.08 0.00 | 46.93 1.32 0.00 | 66.14 1.93 0.00 | 89.85 2.53 0.00 | 83.27 2.03 0.00 | 69.58 1.83 0.00 | 60.94 1.66 0.00 | 52.92 1.24 0.00 | 48.32 1.27 0.00 | 44.67 1.09 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 37.06 -1.15 0.00 | 34.40 -1.03 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.71 -0.96 0.00 | 38.39 -1.03 0.00 | 55.49 -1.30 0.00 | 64.30 -1.45 0.00 | 44.43 -1.09 0.00 | 37.31 -1.07 0.00 | 33.52 -1.00 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.22 -1.13 0.00 | 37.43 -1.20 0.00 | 44.29 -1.32 0.00 | 62.54 -1.67 0.00 | 85.14 -2.18 0.00 | 79.37 -1.87 0.00 | 66.26 -1.49 0.00 | 58.04 -1.25 0.00 | 50.70 -0.98 0.00 | 46.35 -0.70 0.00 | 43.02 -0.57 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 37.06 -1.15 0.00 | 34.40 -1.03 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.71 -0.96 0.00 | 38.39 -1.03 0.00 | 55.49 -1.30 0.00 | 64.30 -1.45 0.00 | 44.43 -1.09 0.00 | 37.31 -1.07 0.00 | 33.52 -1.00 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.22 -1.13 0.00 | 37.43 -1.20 0.00 | 44.29 -1.32 0.00 | 62.54 -1.67 0.00 | 85.14 -2.18 0.00 | 79.37 -1.87 0.00 | 66.26 -1.49 0.00 | 58.04 -1.25 0.00 | 50.70 -0.98 0.00 | 46.35 -0.70 0.00 | 43.02 -0.57 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 37.06 -1.15 0.00 | 34.37 -1.06 0.00 | 33.59 -1.11 0.00 | 33.11 -1.06 0.00 | 34.56 -1.11 0.00 | 38.23 -1.18 0.00 | 55.55 -1.25 0.00 | 64.17 -1.58 0.00 | 44.48 -1.05 0.00 | 37.31 -1.07 0.00 | 33.49 -1.03 0.00 | 32.91 -1.09 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.43 -1.20 0.00 | 44.24 -1.37 0.00 | 62.80 -1.41 0.00 | 85.57 -1.75 0.00 | 80.10 -1.14 0.00 | 66.87 -0.88 0.00 | 58.75 -0.53 0.00 | 51.32 -0.36 0.00 | 46.96 -0.09 0.00 | 43.63 0.04 0.00 |
| MARSHVLE_115KV_TB1 80742 | 38.78 0.57 0.00 | 35.96 0.53 0.00 | 35.22 0.52 0.00 | 34.58 0.41 0.00 | 36.20 0.54 0.00 | 40.40 0.99 0.00 | 58.10 1.31 0.00 | 66.34 0.59 0.00 | 44.25 -1.27 0.00 | 36.70 -1.69 0.00 | 33.11 -1.42 0.00 | 32.57 -1.43 0.00 | 32.42 -1.42 0.00 | 33.97 -1.38 0.00 | 37.40 -1.24 0.00 | 44.97 -0.64 0.00 | 65.11 0.90 0.00 | 88.63 1.31 0.00 | 82.45 1.22 0.00 | 68.76 1.02 0.00 | 60.11 0.83 0.00 | 52.51 0.83 0.00 | 47.71 0.66 0.00 | 43.98 0.39 0.00 |
| MARSH_HILL_WT_PWR 323713 | 34.77 -3.44 0.00 | 32.24 -3.19 0.00 | 31.78 -2.91 0.00 | 31.54 -2.63 0.00 | 32.96 -2.71 0.00 | 36.50 -2.92 0.00 | 51.52 -5.28 0.00 | 59.44 -6.31 0.00 | 40.79 -4.74 0.00 | 34.82 -3.57 0.00 | 31.14 -3.38 0.00 | 30.60 -3.40 0.00 | 30.32 -3.52 0.00 | 31.78 -3.57 0.00 | 34.58 -4.06 0.00 | 40.46 -5.11 0.05 | 57.55 -6.61 0.05 | 78.97 -8.30 0.05 | 74.58 -6.66 0.00 | 61.65 -6.10 0.00 | 53.60 -5.63 0.05 | 47.03 -4.65 0.00 | 42.44 -4.56 0.05 | 39.66 -3.92 0.00 |
| MCINTYRE_115KV_TB2 80467 | 39.01 0.80 0.00 | 36.24 0.81 0.00 | 35.43 0.73 0.00 | 34.92 0.75 0.00 | 36.45 0.78 0.00 | 40.44 1.02 0.00 | 58.73 1.93 0.00 | 67.59 1.84 0.00 | 46.48 0.96 0.00 | 38.77 0.38 0.00 | 34.80 0.28 0.00 | 34.20 0.20 0.00 | 33.98 0.14 0.00 | 35.42 0.07 0.00 | 38.83 0.19 0.00 | 45.98 0.36 0.00 | 65.49 1.28 0.00 | 88.89 1.57 0.00 | 83.59 2.36 0.00 | 69.85 2.10 0.00 | 61.24 1.96 0.00 | 53.65 1.96 0.00 | 49.07 2.02 0.00 | 45.54 1.96 0.00 |
| MECO_____69_KV_BK1 80468 | 39.77 1.57 0.00 | 36.88 1.45 0.00 | 36.12 1.42 0.00 | 35.47 1.30 0.00 | 37.09 1.43 0.00 | 41.42 2.01 0.00 | 59.75 2.95 0.00 | 68.25 2.50 0.00 | 45.52 0.00 0.00 | 37.66 -0.73 0.00 | 33.73 -0.79 0.00 | 33.15 -0.85 0.00 | 33.06 -0.78 0.00 | 34.68 -0.67 0.00 | 38.25 -0.39 0.00 | 46.11 0.50 0.00 | 66.71 2.50 0.00 | 90.99 3.67 0.00 | 84.73 3.49 0.00 | 70.66 2.91 0.00 | 61.77 2.49 0.00 | 53.80 2.12 0.00 | 48.84 1.79 0.00 | 45.02 1.44 0.00 |
| MENANDS___115KV_TB5 355628 | 39.62 1.41 0.00 | 36.70 1.28 0.00 | 35.95 1.25 0.00 | 35.33 1.16 0.00 | 36.88 1.21 0.00 | 40.79 1.38 0.00 | 58.73 1.93 0.00 | 68.05 2.30 0.00 | 45.61 0.09 0.00 | 38.50 0.12 0.00 | 34.63 0.10 0.00 | 34.06 0.07 0.00 | 34.62 0.78 0.00 | 36.24 0.88 0.00 | 39.68 1.04 0.00 | 46.84 1.23 0.00 | 65.88 1.67 0.00 | 89.41 2.10 0.00 | 82.86 1.62 0.00 | 69.24 1.49 0.00 | 60.71 1.42 0.00 | 52.66 0.98 0.00 | 48.13 1.08 0.00 | 44.50 0.92 0.00 |
| MG INDUSTRY___DRP 24185 | 39.58 1.38 0.00 | 36.67 1.24 0.00 | 35.95 1.25 0.00 | 35.33 1.16 0.00 | 36.88 1.21 0.00 | 40.75 1.34 0.00 | 58.67 1.87 0.00 | 67.92 2.17 0.00 | 46.21 0.68 0.00 | 38.92 0.54 0.00 | 34.94 0.41 0.00 | 34.37 0.37 0.00 | 34.42 0.58 0.00 | 36.02 0.67 0.00 | 39.44 0.81 0.00 | 46.71 1.09 0.00 | 65.94 1.73 0.00 | 89.59 2.27 0.00 | 83.19 1.95 0.00 | 69.44 1.69 0.00 | 60.88 1.60 0.00 | 52.87 1.19 0.00 | 48.27 1.22 0.00 | 44.63 1.05 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 66.01 0.26 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.41 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.08 -0.13 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| MID___RAQUETTE_HYD 23851 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.91 0.21 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.32 0.00 | 57.65 0.85 0.00 | 66.47 0.72 0.00 | 45.93 0.41 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.74 -0.10 0.00 | 35.18 -0.18 0.00 | 38.56 -0.08 0.00 | 45.61 0.00 0.00 | 64.53 0.32 0.00 | 87.14 -0.17 0.00 | 81.80 0.57 0.00 | 68.29 0.54 0.00 | 59.94 0.65 0.00 | 52.66 0.98 0.00 | 48.32 1.27 0.00 | 44.80 1.22 0.00 |
| MILLIKEN___1 23584 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.84 0.14 0.00 | 34.34 0.17 0.00 | 35.95 0.29 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.34 0.59 0.00 | 45.61 0.09 0.00 | 38.31 -0.08 0.00 | 34.42 -0.10 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.25 -0.11 0.00 | 38.44 -0.19 0.00 | 45.65 0.00 -0.04 | 64.44 0.19 -0.04 | 88.05 0.70 -0.04 | 82.05 0.81 0.00 | 68.29 0.54 0.00 | 59.56 0.24 -0.04 | 51.89 0.21 0.00 | 47.04 -0.05 -0.04 | 43.54 -0.04 0.00 |
| MILLIKEN___2 23585 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.84 0.14 0.00 | 34.34 0.17 0.00 | 35.95 0.29 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.34 0.59 0.00 | 45.61 0.09 0.00 | 38.31 -0.08 0.00 | 34.42 -0.10 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.25 -0.11 0.00 | 38.44 -0.19 0.00 | 45.65 0.00 -0.04 | 64.44 0.19 -0.04 | 88.05 0.70 -0.04 | 82.05 0.81 0.00 | 68.29 0.54 0.00 | 59.56 0.24 -0.04 | 51.89 0.21 0.00 | 47.04 -0.05 -0.04 | 43.54 -0.04 0.00 |
| MILLIKEN___DIESEL 23629 | 38.40 0.19 0.00 | 35.64 0.21 0.00 | 34.84 0.14 0.00 | 34.34 0.17 0.00 | 35.95 0.29 0.00 | 39.89 0.47 0.00 | 57.37 0.57 0.00 | 66.34 0.59 0.00 | 45.61 0.09 0.00 | 38.31 -0.08 0.00 | 34.42 -0.10 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.25 -0.11 0.00 | 38.44 -0.19 0.00 | 45.65 0.00 -0.04 | 64.44 0.19 -0.04 | 88.05 0.70 -0.04 | 82.05 0.81 0.00 | 68.29 0.54 0.00 | 59.56 0.24 -0.04 | 51.89 0.21 0.00 | 47.04 -0.05 -0.04 | 43.54 -0.04 0.00 |
| MILLSEAT___LFGE 323607 | 36.18 -2.03 0.00 | 33.51 -1.91 0.00 | 33.00 -1.70 0.00 | 32.74 -1.43 0.00 | 33.96 -1.71 0.00 | 37.36 -2.05 0.00 | 51.97 -4.83 0.00 | 59.24 -6.51 0.00 | 41.06 -4.46 0.00 | 35.77 -2.61 0.00 | 32.28 -2.24 0.00 | 31.82 -2.18 0.00 | 31.61 -2.23 0.00 | 32.98 -2.37 0.00 | 35.85 -2.78 0.00 | 42.04 -3.56 0.01 | 58.67 -5.52 0.01 | 80.32 -6.99 0.01 | 75.63 -5.60 0.00 | 61.99 -5.76 0.00 | 53.64 -5.63 0.01 | 47.39 -4.29 0.00 | 42.57 -4.47 0.01 | 39.97 -3.62 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 41.07 2.87 0.00 | 37.91 2.48 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 38.02 2.35 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.62 3.10 0.00 | 41.07 2.69 0.00 | 37.01 2.49 0.00 | 36.48 2.48 0.00 | 36.32 2.47 0.00 | 37.97 2.62 0.00 | 41.45 2.82 0.00 | 48.67 3.06 0.00 | 68.13 3.92 0.00 | 92.82 5.50 0.00 | 85.87 4.63 0.00 | 71.54 3.79 0.00 | 62.72 3.44 0.00 | 54.47 2.79 0.00 | 49.59 2.54 0.00 | 45.76 2.18 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.25 2.84 0.00 | 60.89 4.09 0.00 | 70.95 5.19 0.00 | 48.71 3.19 0.00 | 41.11 2.73 0.00 | 37.04 2.52 0.00 | 36.51 2.52 0.00 | 36.35 2.50 0.00 | 38.04 2.69 0.00 | 41.53 2.90 0.00 | 48.76 3.15 0.00 | 68.26 4.05 0.00 | 92.99 5.68 0.00 | 86.11 4.87 0.00 | 71.75 4.00 0.00 | 62.84 3.56 0.00 | 54.58 2.89 0.00 | 49.68 2.63 0.00 | 45.85 2.27 0.00 |
| MODEL_CITY_ENERGY 24167 | 35.30 -2.91 0.00 | 32.77 -2.66 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.21 -2.46 0.00 | 36.34 -3.07 0.00 | 49.92 -6.87 0.00 | 56.81 -8.94 0.00 | 39.65 -5.87 0.00 | 34.81 -3.57 0.00 | 31.38 -3.14 0.00 | 30.90 -3.09 0.00 | 30.73 -3.11 0.00 | 32.10 -3.25 0.00 | 34.85 -3.78 0.00 | 40.67 -4.93 0.01 | 56.55 -7.64 0.01 | 77.00 -10.30 0.01 | 72.55 -8.69 0.00 | 59.55 -8.20 0.00 | 51.62 -7.65 0.01 | 45.69 -5.99 0.00 | 41.11 -5.93 0.01 | 38.70 -4.88 0.00 |
| MODERN_LFGE___ 323580 | 35.30 -2.91 0.00 | 32.77 -2.66 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.21 -2.46 0.00 | 36.34 -3.07 0.00 | 49.92 -6.87 0.00 | 56.81 -8.94 0.00 | 39.65 -5.87 0.00 | 34.81 -3.57 0.00 | 31.38 -3.14 0.00 | 30.90 -3.09 0.00 | 30.73 -3.11 0.00 | 32.10 -3.25 0.00 | 34.85 -3.78 0.00 | 40.67 -4.93 0.01 | 56.55 -7.64 0.01 | 77.00 -10.30 0.01 | 72.55 -8.69 0.00 | 59.55 -8.20 0.00 | 51.62 -7.65 0.01 | 45.69 -5.99 0.00 | 41.11 -5.93 0.01 | 38.70 -4.88 0.00 |
| MOHAWK_PAPER___DRP 24187 | 39.70 1.49 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.43 1.26 0.00 | 36.99 1.32 0.00 | 40.91 1.50 0.00 | 58.90 2.10 0.00 | 68.25 2.50 0.00 | 45.80 0.27 0.00 | 38.65 0.27 0.00 | 34.73 0.21 0.00 | 34.17 0.17 0.00 | 34.65 0.81 0.00 | 36.27 0.92 0.00 | 39.71 1.08 0.00 | 46.93 1.32 0.00 | 66.14 1.93 0.00 | 89.85 2.53 0.00 | 83.27 2.03 0.00 | 69.58 1.83 0.00 | 60.94 1.66 0.00 | 52.92 1.24 0.00 | 48.32 1.27 0.00 | 44.67 1.09 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 39.96 1.76 0.00 | 37.06 1.63 0.00 | 36.29 1.60 0.00 | 35.64 1.47 0.00 | 37.24 1.57 0.00 | 41.42 2.01 0.00 | 59.58 2.78 0.00 | 68.91 3.16 0.00 | 46.71 1.18 0.00 | 39.73 1.34 0.00 | 35.49 0.97 0.00 | 34.91 0.92 0.00 | 34.86 1.02 0.00 | 36.52 1.17 0.00 | 40.10 1.47 0.00 | 46.89 1.28 0.00 | 66.65 2.44 0.00 | 90.81 3.49 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.77 2.49 0.00 | 53.49 1.81 0.00 | 48.84 1.79 0.00 | 45.15 1.57 0.00 |
| MONGAUP___HYD 23641 | 40.96 2.75 0.00 | 37.87 2.44 0.00 | 36.99 2.29 0.00 | 36.29 2.12 0.00 | 37.95 2.28 0.00 | 42.13 2.72 0.00 | 60.89 4.09 0.00 | 70.55 4.80 0.00 | 48.16 2.64 0.00 | 40.50 2.11 0.00 | 36.39 1.86 0.00 | 35.83 1.83 0.00 | 35.70 1.86 0.00 | 37.33 1.98 0.00 | 40.79 2.16 0.00 | 48.16 2.55 0.00 | 67.87 3.66 0.00 | 92.82 5.50 0.00 | 86.19 4.96 0.00 | 71.74 4.00 0.00 | 62.84 3.56 0.00 | 54.58 2.89 0.00 | 49.64 2.59 0.00 | 45.72 2.14 0.00 |
| MONTAUK___DIESEL 23721 | 39.58 1.38 0.00 | 36.24 0.81 0.00 | 35.22 0.52 0.00 | 34.58 0.41 0.00 | 36.27 0.61 0.00 | 40.48 1.06 0.00 | 57.34 1.19 0.65 | 66.32 1.84 1.28 | 45.93 0.41 0.01 | 30.40 0.61 8.59 | 35.38 0.86 0.01 | 32.26 0.88 2.62 | 33.78 0.85 0.90 | 36.44 1.10 0.01 | 39.91 1.27 0.00 | 46.01 0.68 0.28 | 64.41 1.54 1.34 | 86.76 2.27 2.83 | 81.34 2.52 2.41 | 68.60 2.44 1.58 | 59.55 1.24 0.98 | 51.63 0.41 0.47 | 45.44 -0.28 1.32 | 35.20 0.22 8.60 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 34.31 -3.90 0.00 | 32.06 -3.37 0.00 | 31.44 -3.26 0.00 | 31.27 -2.90 0.00 | 32.64 -3.03 0.00 | 36.06 -3.35 0.00 | 50.83 -5.96 0.00 | 57.86 -7.89 0.00 | 40.24 -5.28 0.00 | 34.55 -3.84 0.00 | 31.07 -3.45 0.00 | 30.53 -3.47 0.00 | 30.25 -3.59 0.00 | 31.57 -3.78 0.00 | 34.38 -4.25 0.00 | 40.39 -5.20 0.02 | 57.13 -7.06 0.02 | 78.57 -8.73 0.02 | 74.25 -6.99 0.00 | 61.38 -6.37 0.00 | 53.40 -5.87 0.02 | 47.34 -4.34 0.00 | 42.56 -4.47 0.02 | 39.62 -3.97 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 35.30 -2.91 0.00 | 32.70 -2.73 0.00 | 32.30 -2.39 0.00 | 32.05 -2.12 0.00 | 33.38 -2.28 0.00 | 36.81 -2.60 0.00 | 51.74 -5.06 0.00 | 59.37 -6.38 0.00 | 40.74 -4.78 0.00 | 34.97 -3.42 0.00 | 31.41 -3.11 0.00 | 30.90 -3.09 0.00 | 30.66 -3.18 0.00 | 32.10 -3.25 0.00 | 34.85 -3.78 0.00 | 40.79 -4.79 0.03 | 57.82 -6.36 0.03 | 79.08 -8.21 0.03 | 74.58 -6.66 0.00 | 61.52 -6.23 0.00 | 53.56 -5.69 0.03 | 47.03 -4.65 0.00 | 42.46 -4.56 0.03 | 39.66 -3.92 0.00 |
| MORTIMER_115KV_TB3 55949 | 36.60 -1.60 0.00 | 34.05 -1.38 0.00 | 33.38 -1.32 0.00 | 32.97 -1.20 0.00 | 34.28 -1.39 0.00 | 37.88 -1.54 0.00 | 53.62 -3.18 0.00 | 61.35 -4.41 0.00 | 42.70 -2.82 0.00 | 36.47 -1.92 0.00 | 33.11 -1.42 0.00 | 32.67 -1.33 0.00 | 32.49 -1.35 0.00 | 33.90 -1.45 0.00 | 36.89 -1.74 0.00 | 43.46 -2.14 0.01 | 60.67 -3.53 0.01 | 83.03 -4.28 0.01 | 77.58 -3.66 0.00 | 63.95 -3.79 0.00 | 55.54 -3.73 0.01 | 49.00 -2.69 0.00 | 43.89 -3.15 0.01 | 41.01 -2.57 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 41.41 3.21 0.00 | 38.19 2.76 0.00 | 37.30 2.60 0.00 | 36.63 2.46 0.00 | 38.27 2.60 0.00 | 42.49 3.07 0.00 | 61.23 4.43 0.00 | 71.34 5.59 0.00 | 49.03 3.51 -0.01 | 41.50 3.11 -0.01 | 37.39 2.87 -0.01 | 36.89 2.89 -0.01 | 36.69 2.84 -0.01 | 38.40 3.04 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.58 4.37 0.00 | 93.43 6.11 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.14 3.85 0.00 | 54.84 3.15 0.00 | 50.01 2.96 0.00 | 46.15 2.57 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 39.31 1.11 0.00 | 36.56 1.13 0.00 | 35.78 1.08 0.00 | 35.16 0.99 0.00 | 37.06 1.39 0.00 | 41.42 2.01 0.00 | 59.75 2.95 0.00 | 68.91 3.16 0.00 | 46.89 1.36 0.00 | 38.88 0.50 0.00 | 34.87 0.35 0.00 | 34.17 0.17 0.00 | 34.01 0.17 0.00 | 35.57 0.21 0.00 | 38.87 0.23 0.00 | 46.63 1.00 -0.02 | 67.25 3.02 -0.02 | 92.22 4.89 -0.02 | 85.95 4.71 0.00 | 71.61 3.86 0.00 | 62.32 3.02 -0.02 | 54.27 2.58 0.00 | 49.23 2.17 -0.02 | 45.59 2.01 0.00 |
| N SALMON___HYD 24042 | 37.71 -0.50 0.00 | 34.97 -0.46 0.00 | 34.18 -0.52 0.00 | 33.72 -0.45 0.00 | 35.13 -0.53 0.00 | 38.98 -0.43 0.00 | 56.74 -0.06 0.00 | 65.42 -0.33 0.00 | 45.34 -0.18 0.00 | 38.00 -0.38 0.00 | 34.11 -0.41 0.00 | 33.45 -0.55 0.00 | 33.23 -0.61 0.00 | 34.65 -0.71 0.00 | 37.98 -0.66 0.00 | 44.93 -0.68 0.00 | 63.89 -0.32 0.00 | 86.80 -0.52 0.00 | 81.48 0.24 0.00 | 68.02 0.27 0.00 | 59.82 0.53 0.00 | 52.20 0.52 0.00 | 47.80 0.75 0.00 | 44.37 0.79 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 36.03 -2.18 0.00 | 33.66 -1.77 0.00 | 32.72 -1.98 0.00 | 32.67 -1.50 0.00 | 33.88 -1.78 0.00 | 37.33 -2.09 0.00 | 51.74 -5.06 0.00 | 58.78 -6.97 0.00 | 41.06 -4.46 0.00 | 35.39 -2.99 0.00 | 32.14 -2.38 0.00 | 31.75 -2.24 0.00 | 31.54 -2.30 0.00 | 32.91 -2.44 0.00 | 35.73 -2.90 0.00 | 41.90 -3.69 0.01 | 58.48 -5.71 0.01 | 80.14 -7.16 0.01 | 75.22 -6.01 0.00 | 61.79 -5.96 0.00 | 53.58 -5.69 0.01 | 47.55 -4.13 0.00 | 42.43 -4.61 0.01 | 39.88 -3.70 0.00 |
| N.E_GEN_SANDY PD 24062 | 43.10 1.72 -3.17 | 38.90 1.60 -1.88 | 36.26 1.56 0.00 | 35.90 1.47 -0.26 | 37.20 1.53 0.00 | 47.38 1.73 -6.23 | 66.20 2.44 -6.96 | 76.21 2.83 -7.63 | 55.70 1.91 -8.26 | 40.00 1.61 0.00 | 35.80 1.28 0.00 | 35.22 1.22 0.00 | 34.89 1.05 0.00 | 36.45 1.10 0.00 | 40.10 1.47 0.00 | 47.30 1.69 0.00 | 67.60 2.38 -1.01 | 90.29 2.97 0.00 | 83.51 2.27 0.00 | 69.98 2.23 0.00 | 61.30 2.02 0.00 | 53.08 1.40 0.00 | 48.60 1.55 0.00 | 45.72 1.44 -0.70 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.06 2.36 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.89 4.09 0.00 | 70.88 5.13 0.00 | 48.62 3.10 0.00 | 41.03 2.65 0.00 | 36.97 2.45 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.93 2.58 0.00 | 41.41 2.78 0.00 | 48.62 3.01 0.00 | 68.06 3.85 0.00 | 92.82 5.50 0.00 | 85.95 4.71 0.00 | 71.61 3.86 0.00 | 62.72 3.44 0.00 | 54.47 2.79 0.00 | 49.59 2.54 0.00 | 45.76 2.18 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.53 3.00 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.92 3.28 0.00 | 49.12 3.51 0.00 | 68.05 3.85 0.01 | 92.72 5.41 0.01 | 85.78 4.55 0.01 | 71.47 3.73 0.01 | 62.78 3.50 0.00 | 54.53 2.84 0.00 | 50.20 3.15 0.00 | 46.55 2.96 0.00 |
| N.TROY___115KV_TB1 355778 | 39.77 1.57 0.00 | 36.84 1.42 0.00 | 36.09 1.39 0.00 | 35.50 1.33 0.00 | 37.06 1.39 0.00 | 41.03 1.62 0.00 | 59.07 2.27 0.00 | 68.38 2.63 0.00 | 46.53 1.00 0.00 | 39.27 0.88 0.00 | 35.14 0.62 0.00 | 34.64 0.65 0.00 | 34.76 0.91 0.00 | 36.34 0.99 0.00 | 39.83 1.20 0.00 | 47.07 1.46 0.00 | 66.39 2.18 0.00 | 90.20 2.88 0.00 | 83.59 2.36 0.00 | 69.85 2.10 0.00 | 61.18 1.90 0.00 | 53.08 1.40 0.00 | 48.51 1.46 0.00 | 44.89 1.31 0.00 |
| NARROWS_GT1_1 24228 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_2 24229 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_3 24230 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_4 24231 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_5 24232 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_7 24234 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT1_8 24235 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_1 24236 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_2 24237 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_3 24238 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_4 24239 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_5 24240 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_6 24241 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_7 24242 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NARROWS_GT2_8 24243 | 41.92 3.70 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.66 3.00 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.88 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.05 3.85 0.01 | 92.90 5.59 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.78 3.50 0.00 | 54.84 3.15 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 39.89 1.68 0.00 | 36.99 1.56 0.00 | 36.23 1.53 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.07 1.66 0.00 | 59.41 2.61 0.00 | 68.58 2.83 0.00 | 46.16 0.64 0.00 | 38.69 0.31 0.00 | 34.63 0.10 0.00 | 34.03 0.03 0.00 | 34.28 0.44 0.00 | 35.85 0.49 0.00 | 39.29 0.66 0.00 | 46.71 1.09 0.00 | 66.46 2.25 0.00 | 90.81 3.49 0.00 | 84.32 3.09 0.00 | 70.39 2.64 0.00 | 61.60 2.31 0.00 | 53.44 1.76 0.00 | 48.74 1.69 0.00 | 44.98 1.39 0.00 |
| NCHELSEA_115KV_TR2 355582 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.94 4.15 0.00 | 70.81 5.06 0.00 | 48.57 3.05 0.00 | 40.92 2.53 0.00 | 36.77 2.24 0.00 | 36.21 2.21 0.00 | 36.08 2.23 0.00 | 37.76 2.40 0.00 | 41.22 2.59 0.00 | 48.62 3.01 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.35 5.12 0.00 | 71.88 4.13 0.00 | 63.02 3.73 0.00 | 54.68 3.00 0.00 | 49.83 2.78 0.00 | 45.89 2.31 0.00 |
| NEG CAPITAL____MECHNVIL 23645 | 40.04 1.83 0.00 | 37.13 1.70 0.00 | 36.40 1.70 0.00 | 35.74 1.57 0.00 | 37.31 1.64 0.00 | 41.42 2.01 0.00 | 59.64 2.84 0.00 | 68.97 3.22 0.00 | 46.94 1.41 0.00 | 39.30 0.92 0.00 | 35.21 0.69 0.00 | 34.64 0.64 0.00 | 34.62 0.78 0.00 | 36.24 0.88 0.00 | 39.83 1.20 0.00 | 47.25 1.64 0.00 | 67.03 2.82 0.00 | 91.07 3.75 0.00 | 84.49 3.25 0.00 | 70.59 2.84 0.00 | 61.83 2.55 0.00 | 53.65 1.96 0.00 | 48.93 1.88 0.00 | 45.24 1.66 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 36.10 -2.10 0.00 | 33.41 -2.02 0.00 | 32.79 -1.91 0.00 | 32.39 -1.78 0.00 | 33.78 -1.89 0.00 | 37.36 -2.05 0.00 | 53.22 -3.58 0.00 | 61.28 -4.47 0.00 | 42.34 -3.19 0.00 | 36.24 -2.15 0.00 | 32.66 -1.86 0.00 | 32.23 -1.77 0.00 | 32.05 -1.79 0.00 | 33.48 -1.87 0.00 | 36.43 -2.20 0.00 | 43.05 -2.55 0.00 | 60.22 -3.98 0.00 | 82.43 -4.89 0.00 | 77.01 -4.23 0.00 | 63.48 -4.27 0.00 | 55.07 -4.21 0.00 | 48.32 -3.36 0.00 | 43.52 -3.53 0.00 | 40.58 -3.01 0.00 |

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| NEG CENTRAL___DRP 24199 | 37.48 -0.73 0.00 | 34.79 -0.64 0.00 | 34.04 -0.66 0.00 | 33.55 -0.62 0.00 | 35.06 -0.61 0.00 | 38.86 -0.55 0.00 | 55.78 -1.02 0.00 | 64.37 -1.38 0.00 | 44.43 -1.09 0.00 | 37.50 -0.88 0.00 | 33.83 -0.69 0.00 | 33.32 -0.68 0.00 | 33.13 -0.71 0.00 | 34.65 -0.71 0.00 | 37.74 -0.89 0.00 | 44.70 -0.91 0.00 | 62.73 -1.48 0.00 | 85.83 -1.48 0.00 | 80.02 -1.22 0.00 | 66.33 -1.42 0.00 | 57.80 -1.48 0.00 | 50.55 -1.14 0.00 | 45.64 -1.41 0.00 | 42.32 -1.26 0.00 |
| NEG CENTRAL___INDECK 23768 | 37.02 -1.18 0.00 | 34.22 -1.20 0.00 | 33.69 -1.01 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.58 -0.83 0.00 | 54.76 -2.04 0.00 | 62.79 -2.96 0.00 | 42.98 -2.55 0.00 | 36.70 -1.69 0.00 | 32.93 -1.59 0.00 | 32.43 -1.56 0.00 | 32.19 -1.66 0.00 | 33.62 -1.73 0.00 | 36.58 -2.05 0.00 | 43.21 -2.37 0.03 | 61.10 -3.08 0.03 | 84.32 -2.97 0.03 | 79.53 -1.71 0.00 | 65.24 -2.51 0.00 | 56.53 -2.73 0.03 | 49.67 -2.02 0.00 | 44.53 -2.50 0.03 | 41.62 -1.96 0.00 |
| NEG CENTRAL___SENECA 23627 | 37.25 -0.96 0.00 | 34.58 -0.85 0.00 | 33.83 -0.87 0.00 | 33.38 -0.79 0.00 | 34.85 -0.82 0.00 | 38.63 -0.79 0.00 | 55.32 -1.48 0.00 | 63.71 -2.04 0.00 | 44.02 -1.50 0.00 | 37.27 -1.11 0.00 | 33.66 -0.86 0.00 | 33.18 -0.82 0.00 | 33.00 -0.85 0.00 | 34.47 -0.88 0.00 | 37.55 -1.08 0.00 | 44.47 -1.14 0.00 | 62.34 -1.86 0.00 | 85.39 -1.92 0.00 | 79.61 -1.62 0.00 | 65.85 -1.90 0.00 | 57.27 -2.02 0.00 | 50.18 -1.50 0.00 | 45.21 -1.83 0.00 | 42.01 -1.57 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 37.82 -0.38 0.00 | 35.11 -0.32 0.00 | 34.32 -0.38 0.00 | 33.83 -0.34 0.00 | 35.38 -0.29 0.00 | 39.22 -0.20 0.00 | 56.46 -0.34 0.00 | 65.29 -0.46 0.00 | 44.98 -0.55 0.00 | 37.85 -0.54 0.00 | 34.07 -0.45 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.93 -0.42 0.00 | 38.05 -0.58 0.00 | 45.12 -0.50 -0.01 | 63.45 -0.77 -0.01 | 86.80 -0.52 -0.01 | 80.83 -0.41 0.00 | 67.21 -0.54 0.00 | 58.58 -0.71 -0.01 | 51.11 -0.57 0.00 | 46.26 -0.80 -0.01 | 42.84 -0.74 0.00 |
| NEG MILLWOOD___DRP 24198 | 41.15 2.94 0.00 | 38.01 2.59 0.00 | 37.13 2.43 0.00 | 36.49 2.32 0.00 | 38.13 2.46 0.00 | 42.33 2.92 0.00 | 61.06 4.26 0.00 | 71.01 5.26 0.00 | 48.76 3.23 0.00 | 41.07 2.69 0.00 | 36.97 2.45 0.00 | 36.44 2.45 0.00 | 36.28 2.44 0.00 | 37.97 2.62 0.00 | 41.49 2.86 0.00 | 48.90 3.28 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.15 4.40 0.00 | 63.14 3.85 0.00 | 54.84 3.15 0.00 | 49.92 2.87 0.00 | 46.07 2.48 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 37.21 -0.99 0.00 | 34.51 -0.92 0.00 | 33.73 -0.97 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.43 -0.99 0.00 | 55.83 -0.97 0.00 | 64.50 -1.25 0.00 | 44.70 -0.82 0.00 | 37.50 -0.88 0.00 | 33.66 -0.86 0.00 | 33.04 -0.95 0.00 | 32.83 -1.02 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.18 -1.03 0.00 | 85.92 -1.40 0.00 | 80.50 -0.73 0.00 | 67.21 -0.54 0.00 | 59.11 -0.18 0.00 | 51.58 -0.10 0.00 | 47.24 0.19 0.00 | 43.89 0.31 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.25 -0.92 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.61 -0.91 0.00 | 37.43 -0.96 0.00 | 33.56 -0.97 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.19 -1.17 0.00 | 37.47 -1.16 0.00 | 44.33 -1.28 0.00 | 63.05 -1.16 0.00 | 85.75 -1.57 0.00 | 80.42 -0.81 0.00 | 67.14 -0.61 0.00 | 58.99 -0.30 0.00 | 51.48 -0.21 0.00 | 47.10 0.05 0.00 | 43.76 0.17 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 37.36 -0.84 0.00 | 34.61 -0.81 0.00 | 33.80 -0.90 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.59 -0.83 0.00 | 56.12 -0.68 0.00 | 64.77 -0.99 0.00 | 44.89 -0.64 0.00 | 37.62 -0.77 0.00 | 33.73 -0.79 0.00 | 33.11 -0.88 0.00 | 32.90 -0.95 0.00 | 34.29 -1.06 0.00 | 37.63 -1.00 0.00 | 44.52 -1.09 0.00 | 63.44 -0.77 0.00 | 86.27 -1.05 0.00 | 80.99 -0.24 0.00 | 67.61 -0.14 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.47 0.42 0.00 | 44.06 0.48 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 37.36 -0.84 0.00 | 34.61 -0.81 0.00 | 33.80 -0.90 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.59 -0.83 0.00 | 56.12 -0.68 0.00 | 64.77 -0.99 0.00 | 44.89 -0.64 0.00 | 37.62 -0.77 0.00 | 33.73 -0.79 0.00 | 33.11 -0.88 0.00 | 32.90 -0.95 0.00 | 34.29 -1.06 0.00 | 37.63 -1.00 0.00 | 44.52 -1.09 0.00 | 63.44 -0.77 0.00 | 86.27 -1.05 0.00 | 80.99 -0.24 0.00 | 67.61 -0.14 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.47 0.42 0.00 | 44.06 0.48 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 37.33 -0.88 0.00 | 34.61 -0.81 0.00 | 33.80 -0.90 0.00 | 33.35 -0.82 0.00 | 34.78 -0.89 0.00 | 38.58 -0.83 0.00 | 56.12 -0.68 0.00 | 64.70 -1.05 0.00 | 44.89 -0.64 0.00 | 37.62 -0.77 0.00 | 33.73 -0.79 0.00 | 33.11 -0.88 0.00 | 32.90 -0.95 0.00 | 34.29 -1.06 0.00 | 37.63 -1.00 0.00 | 44.52 -1.10 0.00 | 63.37 -0.84 0.00 | 86.27 -1.04 0.00 | 80.99 -0.24 0.00 | 67.61 -0.14 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.47 0.42 0.00 | 44.06 0.48 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 35.38 -2.83 0.00 | 33.09 -2.34 0.00 | 32.20 -2.50 0.00 | 32.15 -2.02 0.00 | 33.31 -2.35 0.00 | 36.58 -2.84 0.00 | 50.44 -6.36 0.00 | 57.14 -8.61 0.00 | 40.15 -5.37 0.00 | 34.74 -3.65 0.00 | 31.55 -2.97 0.00 | 31.17 -2.82 0.00 | 30.96 -2.88 0.00 | 32.35 -3.00 0.00 | 35.08 -3.55 0.00 | 40.99 -4.61 0.01 | 57.13 -7.06 0.01 | 77.87 -9.43 0.01 | 73.19 -8.04 0.00 | 60.23 -7.52 0.00 | 52.27 -7.00 0.01 | 46.51 -5.17 0.00 | 41.53 -5.50 0.01 | 39.05 -4.53 0.00 |
| NEG WEST___LANCASTR 23811 | 35.30 -2.90 0.00 | 32.95 -2.48 0.00 | 32.24 -2.46 0.00 | 32.02 -2.15 0.00 | 33.28 -2.39 0.00 | 36.62 -2.80 0.00 | 51.23 -5.57 0.00 | 57.99 -7.76 0.00 | 40.38 -5.14 0.00 | 34.78 -3.61 0.00 | 31.48 -3.04 0.00 | 31.04 -2.96 0.00 | 30.80 -3.05 0.00 | 32.24 -3.11 0.00 | 35.00 -3.63 0.00 | 40.99 -4.61 0.02 | 58.22 -5.97 0.02 | 78.65 -8.64 0.02 | 73.84 -7.39 0.00 | 60.84 -6.91 0.00 | 53.10 -6.17 0.02 | 46.77 -4.91 0.00 | 42.37 -4.66 0.02 | 39.31 -4.27 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 38.28 0.08 0.00 | 35.46 0.04 0.00 | 34.77 0.07 0.00 | 34.27 0.10 0.00 | 35.81 0.14 0.00 | 39.61 0.20 0.00 | 56.86 0.06 0.00 | 65.75 0.00 0.00 | 45.30 -0.23 0.00 | 38.27 -0.11 0.00 | 34.42 -0.10 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.25 -0.11 0.00 | 38.40 -0.23 0.00 | 45.38 -0.23 0.00 | 63.89 -0.32 0.00 | 87.05 -0.26 0.00 | 81.07 -0.16 0.00 | 67.41 -0.34 0.00 | 58.87 -0.41 0.00 | 51.32 -0.36 0.00 | 46.53 -0.52 0.00 | 43.15 -0.44 0.00 |
| NEG___GEN_MONROE 24207 | 36.64 -1.57 0.00 | 34.12 -1.31 0.00 | 33.38 -1.32 0.00 | 33.04 -1.13 0.00 | 34.38 -1.28 0.00 | 38.00 -1.42 0.00 | 53.50 -3.29 0.00 | 61.08 -4.67 0.00 | 42.52 -3.00 0.00 | 36.39 -2.00 0.00 | 33.04 -1.48 0.00 | 32.60 -1.39 0.00 | 32.42 -1.42 0.00 | 33.80 -1.56 0.00 | 36.74 -1.89 0.00 | 43.23 -2.37 0.01 | 60.35 -3.85 0.01 | 82.68 -4.63 0.01 | 77.34 -3.90 0.00 | 63.68 -4.06 0.00 | 55.36 -3.91 0.01 | 48.89 -2.79 0.00 | 43.79 -3.25 0.01 | 41.01 -2.57 0.00 |
| NEPA___ENERGY 23901 | 35.65 -2.56 0.00 | 33.30 -2.13 0.00 | 32.62 -2.08 0.00 | 32.36 -1.81 0.00 | 33.63 -2.03 0.00 | 37.05 -2.36 0.00 | 51.91 -4.88 0.00 | 58.85 -6.90 0.00 | 40.93 -4.60 0.00 | 35.27 -3.11 0.00 | 31.86 -2.66 0.00 | 31.41 -2.58 0.00 | 31.17 -2.67 0.00 | 32.59 -2.76 0.00 | 35.43 -3.21 0.00 | 41.44 -4.15 0.02 | 58.28 -5.91 0.02 | 79.62 -7.68 0.02 | 74.82 -6.42 0.00 | 61.65 -6.10 0.00 | 53.63 -5.63 0.02 | 47.39 -4.29 0.00 | 42.51 -4.52 0.02 | 39.75 -3.84 0.00 |

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| NEVERSINK___HYD 23608 | 41.03 2.83 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.06 2.39 0.00 | 42.29 2.88 0.00 | 61.11 4.31 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 40.77 2.38 0.00 | 36.63 2.11 0.00 | 36.07 2.07 0.00 | 35.91 2.06 0.00 | 37.54 2.19 0.00 | 40.99 2.36 0.00 | 48.44 2.83 0.00 | 68.45 4.24 0.00 | 93.52 6.20 0.00 | 86.68 5.44 0.00 | 72.22 4.47 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 49.97 2.92 0.00 | 46.02 2.44 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 39.43 1.22 0.00 | 36.56 1.13 0.00 | 35.81 1.11 0.00 | 35.19 1.03 0.00 | 36.74 1.07 0.00 | 40.60 1.18 0.00 | 58.45 1.65 0.00 | 67.72 1.97 0.00 | 45.66 0.14 0.00 | 38.54 0.15 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 34.49 0.64 0.00 | 36.09 0.74 0.00 | 39.48 0.85 0.00 | 46.66 1.05 0.00 | 65.75 1.54 0.00 | 89.24 1.92 0.00 | 82.70 1.46 0.00 | 69.10 1.35 0.00 | 60.59 1.30 0.00 | 52.56 0.88 0.00 | 47.99 0.94 0.00 | 44.37 0.78 0.00 |
| NEWTON___FALLS_HYD 23847 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 66.01 0.26 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.41 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.08 -0.13 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| NGRID_A1_DSASP 323792 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| NGRID_A2_DSASP 323793 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| NGRID_A4_DSASP 323807 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| NIAGARA_115E_LBMP 323715 | 35.23 -2.98 0.00 | 32.70 -2.73 0.00 | 32.24 -2.46 0.00 | 31.98 -2.19 0.00 | 33.14 -2.53 0.00 | 36.22 -3.19 0.00 | 49.58 -7.21 0.00 | 56.42 -9.34 0.00 | 39.42 -6.10 0.00 | 34.62 -3.76 0.00 | 31.24 -3.28 0.00 | 30.77 -3.23 0.00 | 30.59 -3.25 0.00 | 31.96 -3.39 0.00 | 34.65 -3.98 0.00 | 40.49 -5.11 0.02 | 56.17 -8.03 0.02 | 76.47 -10.83 0.02 | 72.06 -9.18 0.00 | 59.21 -8.54 0.00 | 51.26 -8.00 0.02 | 45.38 -6.31 0.00 | 40.87 -6.16 0.02 | 38.48 -5.10 0.00 |
| NIAGARA_115W_LBMP 323714 | 34.65 -3.55 0.00 | 32.10 -3.33 0.00 | 31.64 -3.05 0.00 | 31.40 -2.77 0.00 | 32.49 -3.17 0.00 | 35.63 -3.78 0.00 | 49.30 -7.50 0.00 | 56.15 -9.60 0.00 | 39.29 -6.24 0.00 | 34.56 -3.80 0.02 | 31.15 -3.35 0.02 | 30.71 -3.26 0.02 | 30.54 -3.28 0.02 | 31.87 -3.46 0.02 | 34.56 -4.06 0.02 | 40.35 -5.24 0.01 | 55.91 -8.28 0.01 | 75.95 -11.35 0.01 | 71.65 -9.59 0.00 | 58.88 -8.87 0.00 | 50.97 -8.30 0.01 | 45.17 -6.51 0.00 | 40.64 -6.40 0.01 | 38.18 -5.41 0.00 |
| NIAGARA_230_LBMP 323716 | 35.26 -2.94 0.00 | 32.66 -2.76 0.00 | 32.17 -2.53 0.00 | 31.91 -2.26 0.00 | 33.07 -2.60 0.00 | 36.26 -3.15 0.00 | 50.27 -6.53 0.00 | 57.21 -8.55 0.00 | 39.97 -5.56 0.00 | 35.12 -3.26 0.00 | 31.66 -2.86 0.00 | 31.21 -2.79 0.00 | 31.03 -2.81 0.00 | 32.38 -2.97 0.00 | 35.12 -3.52 0.00 | 41.04 -4.56 0.01 | 56.94 -7.26 0.01 | 77.44 -9.87 0.01 | 72.87 -8.37 0.00 | 59.89 -7.86 0.00 | 51.92 -7.35 0.01 | 45.94 -5.74 0.00 | 41.34 -5.69 0.01 | 38.83 -4.75 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 34.58 -3.63 0.00 | 32.31 -3.12 0.00 | 32.20 -2.50 0.00 | 31.37 -2.80 0.00 | 32.46 -3.21 0.00 | 35.67 -3.74 0.00 | 49.30 -7.50 0.00 | 55.89 -9.86 0.00 | 39.42 -6.10 0.00 | 34.14 -4.22 0.02 | 31.09 -3.42 0.02 | 30.71 -3.26 0.02 | 30.51 -3.32 0.02 | 31.87 -3.46 0.02 | 34.56 -4.06 0.02 | 40.31 -5.29 0.01 | 55.91 -8.28 0.01 | 76.04 -11.26 0.01 | 71.41 -9.83 0.00 | 58.87 -8.88 0.00 | 51.09 -8.18 0.01 | 45.53 -6.15 0.00 | 40.64 -6.40 0.01 | 38.18 -5.40 0.00 |
| NIAGARA____ 23760 | 35.26 -2.94 0.00 | 32.66 -2.76 0.00 | 32.17 -2.53 0.00 | 31.91 -2.26 0.00 | 33.07 -2.60 0.00 | 36.26 -3.15 0.00 | 50.27 -6.53 0.00 | 57.21 -8.55 0.00 | 39.97 -5.56 0.00 | 35.11 -3.26 0.01 | 31.65 -2.86 0.01 | 31.20 -2.79 0.01 | 31.03 -2.81 0.01 | 32.38 -2.97 0.01 | 35.11 -3.52 0.01 | 41.04 -4.56 0.01 | 56.94 -7.26 0.01 | 77.44 -9.87 0.01 | 72.87 -8.37 0.00 | 59.89 -7.86 0.00 | 51.92 -7.35 0.01 | 45.94 -5.74 0.00 | 41.34 -5.69 0.01 | 38.83 -4.75 0.00 |
| NINE_MILE_1 23575 | 36.83 -1.37 0.00 | 34.22 -1.20 0.00 | 33.48 -1.22 0.00 | 33.01 -1.16 0.00 | 34.45 -1.21 0.00 | 38.07 -1.34 0.00 | 54.70 -2.10 0.00 | 63.39 -2.36 0.00 | 43.75 -1.78 0.00 | 36.97 -1.42 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.66 -1.19 0.00 | 34.11 -1.24 0.00 | 37.16 -1.47 0.00 | 43.97 -1.64 0.00 | 61.64 -2.57 0.00 | 83.91 -3.41 0.00 | 78.15 -3.09 0.00 | 65.11 -2.64 0.00 | 56.85 -2.43 0.00 | 49.61 -2.07 0.00 | 45.08 -1.97 0.00 | 41.79 -1.79 0.00 |
| NINE_MILE_2 23744 | 36.87 -1.34 0.00 | 34.22 -1.20 0.00 | 33.48 -1.22 0.00 | 33.04 -1.13 0.00 | 34.45 -1.21 0.00 | 38.07 -1.34 0.00 | 54.70 -2.10 0.00 | 63.39 -2.36 0.00 | 43.75 -1.78 0.00 | 36.97 -1.42 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.66 -1.19 0.00 | 34.11 -1.24 0.00 | 37.16 -1.47 0.00 | 43.97 -1.64 0.00 | 61.64 -2.57 0.00 | 83.91 -3.41 0.00 | 78.15 -3.09 0.00 | 65.11 -2.64 0.00 | 56.85 -2.43 0.00 | 49.61 -2.07 0.00 | 45.08 -1.97 0.00 | 41.79 -1.79 0.00 |
| NM_CAPITAL___DRP 24208 | 39.39 1.18 0.00 | 36.49 1.06 0.00 | 35.74 1.04 0.00 | 35.16 0.99 0.00 | 36.70 1.03 0.00 | 40.52 1.10 0.00 | 58.39 1.59 0.00 | 67.59 1.84 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 34.49 0.64 0.00 | 36.06 0.71 0.00 | 39.48 0.85 0.00 | 46.61 1.00 0.00 | 65.82 1.61 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.17 1.42 0.00 | 60.59 1.30 0.00 | 52.61 0.93 0.00 | 48.04 0.99 0.00 | 44.41 0.83 0.00 |
| NM_CENTRAL___DRP 24181 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.11 -0.59 0.00 | 33.62 -0.55 0.00 | 35.13 -0.54 0.00 | 38.86 -0.55 0.00 | 55.89 -0.91 0.00 | 64.63 -1.12 0.00 | 44.66 -0.86 0.00 | 37.66 -0.73 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.27 -0.58 0.00 | 34.75 -0.60 0.00 | 37.90 -0.73 0.00 | 44.88 -0.73 0.00 | 62.93 -1.28 0.00 | 85.75 -1.57 0.00 | 79.77 -1.46 0.00 | 66.39 -1.35 0.00 | 57.92 -1.36 0.00 | 50.55 -1.14 0.00 | 45.92 -1.13 0.00 | 42.54 -1.05 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|
| NM_FRONTIER___DRP 24179 | 34.58 -3.63 0.00 | 32.31 -3.12 0.00 | 32.20 -2.50 0.00 | 31.37 -2.80 0.00 | 32.46 -3.21 0.00 | 35.67 -3.74 0.00 | 49.30 -7.50 0.00 | 55.89 -9.86 0.00 | 39.42 -6.10 0.00 | 34.14 -4.22 0.02 | 31.09 -3.42 0.02 | 30.71 -3.26 0.02 | 30.51 -3.32 0.02 | 31.87 -3.46 0.02 | 34.56 -4.06 0.02 | 40.31 -5.29 0.01 | 55.91 -8.28 0.01 | 76.04 -11.26 0.01 | 71.41 -9.83 0.00 | 58.87 -8.88 0.00 | 51.09 -8.18 0.01 | 45.53 -6.15 0.00 | 40.64 -6.40 0.01 | 38.18 -5.40 0.00 |
| NM_ST_REGIS___HYD 24053 | 38.28 0.08 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.24 0.07 0.00 | 35.70 0.04 0.00 | 39.53 0.12 0.00 | 57.42 0.62 0.00 | 66.21 0.46 0.00 | 45.75 0.23 0.00 | 38.35 -0.04 0.00 | 34.42 -0.10 0.00 | 33.83 -0.17 0.00 | 33.61 -0.24 0.00 | 35.03 -0.32 0.00 | 38.40 -0.23 0.00 | 45.38 -0.23 0.00 | 64.40 0.19 0.00 | 87.06 -0.26 0.00 | 81.72 0.49 0.00 | 68.22 0.47 0.00 | 59.94 0.65 0.00 | 52.56 0.88 0.00 | 48.23 1.18 0.00 | 44.72 1.13 0.00 |
| NORTHPORT___1 23551 | 40.69 2.48 0.00 | 37.37 1.95 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.34 1.68 0.00 | 41.74 2.32 0.00 | 59.59 3.24 0.44 | 68.97 4.08 0.86 | 47.75 2.23 0.01 | 40.61 2.23 0.01 | 36.76 2.24 0.01 | 36.41 2.41 0.01 | 36.24 2.40 0.01 | 37.96 2.62 0.01 | 41.45 2.82 0.00 | 47.97 2.42 0.05 | 67.09 3.79 0.91 | 89.95 4.54 1.91 | 83.51 3.90 1.63 | 71.08 4.40 1.07 | 61.88 3.26 0.66 | 53.79 2.43 0.32 | 48.57 1.60 0.08 | 45.02 1.44 0.00 |
| NORTHPORT___2 23552 | 40.69 2.48 0.00 | 37.37 1.95 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.34 1.68 0.00 | 41.74 2.32 0.00 | 59.59 3.24 0.44 | 68.97 4.08 0.86 | 47.75 2.23 0.01 | 40.61 2.23 0.01 | 36.76 2.24 0.01 | 36.41 2.41 0.01 | 36.24 2.40 0.01 | 37.96 2.62 0.01 | 41.45 2.82 0.00 | 47.97 2.42 0.05 | 67.09 3.79 0.91 | 89.95 4.54 1.91 | 83.51 3.90 1.63 | 71.08 4.40 1.07 | 61.88 3.26 0.66 | 53.79 2.43 0.32 | 48.57 1.60 0.08 | 45.02 1.44 0.00 |
| NORTHPORT___3 23553 | 40.46 2.25 0.00 | 37.16 1.74 0.00 | 36.15 1.46 0.00 | 35.47 1.30 0.00 | 37.16 1.50 0.00 | 41.42 2.01 0.00 | 48.80 2.16 10.16 | 48.80 2.89 19.84 | 47.34 1.82 0.01 | 40.94 2.11 -0.45 | 36.62 2.11 0.01 | 36.41 2.28 -0.13 | 36.15 2.27 -0.04 | 37.82 2.47 0.01 | 41.22 2.59 0.00 | 46.05 1.64 1.20 | 46.05 2.63 20.79 | 46.46 3.05 43.91 | 46.46 2.60 37.37 | 46.46 3.25 24.54 | 46.46 2.37 15.20 | 46.05 1.60 7.24 | 46.05 0.85 1.85 | 45.04 1.00 -0.45 |
| NORTHPORT___4 23650 | 40.46 2.25 0.00 | 37.16 1.74 0.00 | 36.15 1.46 0.00 | 35.47 1.30 0.00 | 37.16 1.50 0.00 | 41.42 2.01 0.00 | 48.80 2.16 10.16 | 48.80 2.89 19.84 | 47.34 1.82 0.01 | 40.94 2.11 -0.45 | 36.62 2.11 0.01 | 36.41 2.28 -0.13 | 36.15 2.27 -0.04 | 37.82 2.47 0.01 | 41.22 2.59 0.00 | 46.05 1.64 1.20 | 46.05 2.63 20.79 | 46.46 3.05 43.91 | 46.46 2.60 37.37 | 46.46 3.25 24.54 | 46.46 2.37 15.20 | 46.05 1.60 7.24 | 46.05 0.85 1.85 | 45.04 1.00 -0.45 |
| NORTHPORT___IC 23718 | 40.69 2.48 0.00 | 37.30 1.88 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.38 1.71 0.00 | 41.70 2.29 0.00 | 59.59 3.24 0.44 | 69.03 4.14 0.86 | 47.75 2.23 0.01 | 40.64 2.26 0.01 | 36.76 2.24 0.01 | 36.30 2.31 0.01 | 36.14 2.30 0.01 | 37.89 2.55 0.01 | 41.45 2.82 0.00 | 47.98 2.42 0.05 | 67.03 3.72 0.91 | 90.21 4.80 1.91 | 84.48 4.87 1.63 | 71.08 4.40 1.07 | 61.88 3.26 0.66 | 53.64 2.27 0.32 | 48.57 1.60 0.08 | 45.06 1.48 0.00 |
| NORTH___COUNTRY_ESR 323785 | 37.14 -1.07 0.00 | 34.40 -1.03 0.00 | 33.62 -1.08 0.00 | 33.18 -0.99 0.00 | 34.60 -1.07 0.00 | 38.31 -1.10 0.00 | 55.60 -1.20 0.00 | 64.24 -1.51 0.00 | 44.52 -1.00 0.00 | 37.35 -1.03 0.00 | 33.56 -0.97 0.00 | 32.94 -1.05 0.00 | 32.73 -1.12 0.00 | 34.15 -1.20 0.00 | 37.47 -1.16 0.00 | 44.29 -1.32 0.00 | 62.86 -1.35 0.00 | 85.57 -1.75 0.00 | 80.18 -1.06 0.00 | 66.94 -0.81 0.00 | 58.81 -0.48 0.00 | 51.37 -0.31 0.00 | 47.00 -0.05 0.00 | 43.67 0.09 0.00 |
| NPX_GEN_1385_PROXY 323591 | 40.73 2.52 0.00 | 37.44 2.02 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.34 1.68 0.00 | 42.01 2.60 0.00 | 65.13 3.69 -4.64 | 71.11 4.67 -0.69 | 47.75 2.23 0.01 | 40.37 1.99 0.01 | 36.55 2.04 0.01 | 36.20 2.21 0.01 | 36.04 2.20 0.01 | 37.75 2.41 0.01 | 41.57 2.93 0.00 | 48.25 2.69 0.05 | 67.60 4.30 0.91 | 89.86 4.45 1.91 | 83.10 3.49 1.63 | 70.88 4.20 1.07 | 61.70 3.08 0.66 | 53.58 2.22 0.32 | 48.57 1.60 0.08 | 44.93 1.35 0.00 |
| NPX_GEN_CSC 323557 | 39.77 1.57 0.00 | 36.49 1.06 0.00 | 35.46 0.76 0.00 | 34.82 0.65 0.00 | 36.45 0.78 0.00 | 40.71 1.30 0.00 | 58.02 1.87 0.65 | 66.99 2.50 1.26 | 46.57 1.05 0.01 | 31.07 1.31 8.62 | 35.90 1.38 0.01 | 32.90 1.53 2.63 | 34.46 1.52 0.91 | 37.08 1.73 0.01 | 40.45 1.82 0.00 | 46.56 1.23 0.28 | 65.07 2.18 1.33 | 87.24 2.71 2.79 | 81.13 2.27 2.38 | 69.16 2.98 1.56 | 60.21 1.90 0.97 | 52.46 1.24 0.46 | 46.15 0.42 1.33 | 35.34 0.39 8.63 |
| NSINS_S_GLNS_FALLS 23858 | 39.89 1.68 0.00 | 36.99 1.56 0.00 | 36.23 1.53 0.00 | 35.57 1.40 0.00 | 37.17 1.50 0.00 | 41.35 1.93 0.00 | 59.41 2.61 0.00 | 68.71 2.96 0.00 | 46.62 1.09 0.00 | 39.73 1.34 0.00 | 35.49 0.97 0.00 | 34.91 0.92 0.00 | 34.86 1.02 0.00 | 36.52 1.17 0.00 | 40.10 1.47 0.00 | 46.80 1.19 0.00 | 66.52 2.31 0.00 | 90.64 3.32 0.00 | 84.16 2.92 0.00 | 70.19 2.44 0.00 | 61.66 2.37 0.00 | 53.39 1.71 0.00 | 48.74 1.69 0.00 | 45.06 1.48 0.00 |
| NUCOR_STEEL___DRP 24197 | 37.90 -0.31 0.00 | 35.18 -0.25 0.00 | 34.39 -0.31 0.00 | 33.90 -0.27 0.00 | 35.45 -0.21 0.00 | 39.30 -0.12 0.00 | 56.51 -0.28 0.00 | 65.29 -0.46 0.00 | 45.02 -0.50 0.00 | 37.92 -0.46 0.00 | 34.11 -0.41 0.00 | 33.59 -0.41 0.00 | 33.44 -0.41 0.00 | 34.96 -0.39 0.00 | 38.09 -0.54 0.00 | 45.16 -0.46 -0.01 | 63.51 -0.71 -0.01 | 86.80 -0.52 -0.01 | 80.83 -0.41 0.00 | 67.21 -0.54 0.00 | 58.58 -0.71 -0.01 | 51.17 -0.52 0.00 | 46.30 -0.75 -0.01 | 42.89 -0.70 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.14 -0.03 0.00 | 35.77 0.11 0.00 | 39.69 0.28 0.00 | 57.31 0.51 0.00 | 66.15 0.40 0.00 | 45.34 -0.18 0.00 | 37.85 -0.54 0.00 | 34.07 -0.45 0.00 | 33.49 -0.51 0.00 | 33.37 -0.47 0.00 | 34.82 -0.53 0.00 | 38.01 -0.62 0.00 | 45.24 -0.37 0.00 | 64.34 0.13 0.00 | 87.58 0.26 0.00 | 81.88 0.65 0.00 | 68.36 0.61 0.00 | 59.58 0.30 0.00 | 52.25 0.57 0.00 | 47.57 0.52 0.00 | 44.02 0.44 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 38.21 0.00 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.17 0.00 0.00 | 35.67 0.00 0.00 | 39.41 0.00 0.00 | 56.80 0.00 0.00 | 65.75 0.00 0.00 | 45.52 0.00 0.00 | 38.38 0.00 0.00 | 34.52 0.00 0.00 | 34.00 0.00 0.00 | 33.84 0.00 0.00 | 35.35 0.00 0.00 | 38.63 0.00 0.00 | 45.61 0.00 0.00 | 64.21 0.00 0.00 | 87.32 0.00 0.00 | 81.24 0.00 0.00 | 67.75 0.00 0.00 | 59.28 0.00 0.00 | 51.68 0.00 0.00 | 47.05 0.00 0.00 | 43.58 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 40.99 2.79 0.00 | 37.66 2.23 0.00 | 36.57 1.87 0.00 | 35.88 1.71 0.00 | 37.63 1.96 0.00 | 42.01 2.60 0.00 | 59.83 3.92 0.88 | 68.83 4.80 1.72 | 48.07 2.55 0.01 | 40.01 2.49 0.87 | 36.97 2.45 0.01 | 36.38 2.65 0.27 | 36.39 2.64 0.10 | 38.21 2.86 0.01 | 41.72 3.09 0.00 | 48.31 2.83 0.13 | 66.90 4.49 1.80 | 89.19 5.67 3.80 | 82.96 4.96 3.24 | 70.91 5.29 2.13 | 61.94 3.97 1.32 | 54.05 3.00 0.63 | 48.83 2.07 0.29 | 44.59 1.87 0.87 |

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|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NYPA_GOWANUS____GT5 24156 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.81 | 86.02 | 71.53 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.50 | 4.79 | 3.79 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_GOWANUS____GT6 24157 | 41.92 | 38.66 | 37.76 | 37.07 | 38.66 | 42.80 | 61.00 | 70.88 | 48.99 | 41.54 | 37.46 | 36.99 | 36.83 | 38.54 | 41.99 | 49.21 | 68.05 | 92.81 | 86.02 | 71.53 | 62.78 | 54.84 | 50.39 | 46.63 |
| | 3.70 | 3.22 | 3.05 | 2.90 | 3.00 | 3.39 | 4.20 | 5.13 | 3.46 | 3.15 | 2.93 | 2.99 | 2.98 | 3.18 | 3.36 | 3.60 | 3.85 | 5.50 | 4.79 | 3.79 | 3.50 | 3.15 | 3.34 | 3.05 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 41.80 | 38.59 | 37.69 | 36.97 | 38.59 | 42.65 | 60.89 | 70.68 | 48.94 | 41.49 | 37.42 | 36.95 | 36.78 | 38.46 | 41.83 | 49.03 | 67.92 | 92.55 | 85.53 | 71.26 | 62.65 | 54.52 | 50.15 | 46.50 |
| | 3.59 | 3.15 | 2.98 | 2.80 | 2.93 | 3.23 | 4.09 | 4.93 | 3.42 | 3.11 | 2.90 | 2.96 | 2.94 | 3.11 | 3.20 | 3.42 | 3.72 | 5.24 | 4.30 | 3.52 | 3.38 | 2.84 | 3.10 | 2.92 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 41.80 | 38.59 | 37.69 | 36.97 | 38.59 | 42.65 | 60.89 | 70.68 | 48.94 | 41.49 | 37.42 | 36.95 | 36.78 | 38.46 | 41.83 | 49.03 | 67.92 | 92.55 | 85.53 | 71.26 | 62.65 | 54.52 | 50.15 | 46.50 |
| | 3.59 | 3.15 | 2.98 | 2.80 | 2.93 | 3.23 | 4.09 | 4.93 | 3.42 | 3.11 | 2.90 | 2.96 | 2.94 | 3.11 | 3.20 | 3.42 | 3.72 | 5.24 | 4.30 | 3.52 | 3.38 | 2.84 | 3.10 | 2.92 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA_KENT____GT 24152 | 41.80 | 38.59 | 37.66 | 36.97 | 38.59 | 42.73 | 61.06 | 70.94 | 49.03 | 41.57 | 37.50 | 37.03 | 36.86 | 38.54 | 42.03 | 49.21 | 68.19 | 92.98 | 86.02 | 71.67 | 62.90 | 54.84 | 50.29 | 46.50 |
| | 3.59 | 3.15 | 2.95 | 2.80 | 2.93 | 3.31 | 4.26 | 5.19 | 3.51 | 3.18 | 2.97 | 3.02 | 3.01 | 3.18 | 3.40 | 3.60 | 3.98 | 5.67 | 4.79 | 3.93 | 3.62 | 3.15 | 3.24 | 2.92 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_POUCH1____GT 24155 | 42.03 | 38.80 | 37.90 | 37.18 | 38.81 | 42.88 | 60.89 | 70.68 | 48.95 | 41.50 | 37.39 | 36.93 | 36.79 | 38.47 | 41.96 | 49.17 | 67.80 | 92.55 | 85.77 | 71.33 | 62.54 | 54.78 | 50.48 | 46.76 |
| | 3.82 | 3.37 | 3.19 | 3.01 | 3.14 | 3.47 | 4.09 | 4.93 | 3.42 | 3.11 | 2.86 | 2.92 | 2.94 | 3.11 | 3.32 | 3.56 | 3.59 | 5.24 | 4.55 | 3.59 | 3.26 | 3.10 | 3.43 | 3.18 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT2 24162 | 41.69 | 38.48 | 37.59 | 36.87 | 38.48 | 42.68 | 61.11 | 71.07 | 49.08 | 41.61 | 37.53 | 37.03 | 36.90 | 38.57 | 42.03 | 49.26 | 68.37 | 93.07 | 86.10 | 71.67 | 62.96 | 54.89 | 50.20 | 46.41 |
| | 3.48 | 3.05 | 2.88 | 2.70 | 2.82 | 3.27 | 4.31 | 5.32 | 3.55 | 3.22 | 3.00 | 3.02 | 3.05 | 3.22 | 3.40 | 3.65 | 4.17 | 5.76 | 4.87 | 3.93 | 3.68 | 3.21 | 3.15 | 2.83 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT3 24163 | 41.69 | 38.48 | 37.59 | 36.87 | 38.48 | 42.68 | 61.11 | 71.07 | 49.08 | 41.61 | 37.53 | 37.03 | 36.90 | 38.57 | 42.03 | 49.26 | 68.37 | 93.07 | 86.10 | 71.67 | 62.96 | 54.89 | 50.20 | 46.41 |
| | 3.48 | 3.05 | 2.88 | 2.70 | 2.82 | 3.27 | 4.31 | 5.32 | 3.55 | 3.22 | 3.00 | 3.02 | 3.05 | 3.22 | 3.40 | 3.65 | 4.17 | 5.76 | 4.87 | 3.93 | 3.68 | 3.21 | 3.15 | 2.83 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC1 323568 | 41.69 | 38.48 | 37.59 | 36.90 | 38.48 | 42.65 | 61.06 | 70.94 | 49.03 | 41.57 | 37.50 | 37.03 | 36.86 | 38.54 | 41.99 | 49.17 | 68.25 | 92.90 | 85.94 | 71.60 | 62.90 | 54.78 | 50.15 | 46.41 |
| | 3.48 | 3.05 | 2.88 | 2.73 | 2.82 | 3.23 | 4.26 | 5.19 | 3.51 | 3.18 | 2.97 | 3.02 | 3.01 | 3.18 | 3.36 | 3.56 | 4.05 | 5.59 | 4.71 | 3.86 | 3.62 | 3.10 | 3.10 | 2.83 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC2 323569 | 41.69 | 38.48 | 37.59 | 36.90 | 38.48 | 42.65 | 61.06 | 70.94 | 49.03 | 41.57 | 37.50 | 37.03 | 36.86 | 38.54 | 41.99 | 49.17 | 68.25 | 92.90 | 85.94 | 71.60 | 62.90 | 54.78 | 50.15 | 46.41 |
| | 3.48 | 3.05 | 2.88 | 2.73 | 2.82 | 3.23 | 4.26 | 5.19 | 3.51 | 3.18 | 2.97 | 3.02 | 3.01 | 3.18 | 3.36 | 3.56 | 4.05 | 5.59 | 4.71 | 3.86 | 3.62 | 3.10 | 3.10 | 2.83 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA____HOLTSVILL 23794 | 40.38 | 37.09 | 36.02 | 35.36 | 37.06 | 41.38 | 58.92 | 68.11 | 47.34 | 31.68 | 36.48 | 33.51 | 35.07 | 37.68 | 41.14 | 47.25 | 66.04 | 88.44 | 82.25 | 70.14 | 61.10 | 53.21 | 46.86 | 35.99 |
| | 2.18 | 1.67 | 1.32 | 1.20 | 1.39 | 1.97 | 2.73 | 3.55 | 1.82 | 1.92 | 1.97 | 2.14 | 2.13 | 2.33 | 2.51 | 1.92 | 3.08 | 3.75 | 3.25 | 3.86 | 2.73 | 1.96 | 1.13 | 1.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 1.19 | 0.01 | 8.63 | 0.01 | 2.63 | 0.91 | 0.01 | 0.00 | 0.28 | 1.25 | 2.63 | 2.24 | 1.47 | 0.91 | 0.44 | 1.32 | 8.64 |
| NYPA____HELLGATE_GT1 24158 | 41.80 | 38.59 | 37.69 | 36.97 | 38.59 | 42.65 | 60.89 | 70.68 | 48.94 | 41.49 | 37.42 | 36.95 | 36.78 | 38.46 | 41.83 | 49.03 | 67.92 | 92.55 | 85.53 | 71.26 | 62.65 | 54.52 | 50.15 | 46.50 |
| | 3.59 | 3.15 | 2.98 | 2.80 | 2.93 | 3.23 | 4.09 | 4.93 | 3.42 | 3.11 | 2.90 | 2.96 | 2.94 | 3.11 | 3.20 | 3.42 | 3.72 | 5.24 | 4.30 | 3.52 | 3.38 | 2.84 | 3.10 | 2.92 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA____HELLGATE_GT2 24159 | 41.80 | 38.59 | 37.69 | 36.97 | 38.59 | 42.65 | 60.89 | 70.68 | 48.94 | 41.49 | 37.42 | 36.95 | 36.78 | 38.46 | 41.83 | 49.03 | 67.92 | 92.55 | 85.53 | 71.26 | 62.65 | 54.52 | 50.15 | 46.50 |
| | 3.59 | 3.15 | 2.98 | 2.80 | 2.93 | 3.23 | 4.09 | 4.93 | 3.42 | 3.11 | 2.90 | 2.96 | 2.94 | 3.11 | 3.20 | 3.42 | 3.72 | 5.24 | 4.30 | 3.52 | 3.38 | 2.84 | 3.10 | 2.92 |
| | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYS_BARGE____HYD 23848 | 35.53 | 32.95 | 32.48 | 32.22 | 33.38 | 36.58 | 50.44 | 57.47 | 40.06 | 35.08 | 31.62 | 31.17 | 31.00 | 32.35 | 35.11 | 41.08 | 57.13 | 77.87 | 73.36 | 60.23 | 52.21 | 46.20 | 41.53 | 39.05 |
| | -2.68 | -2.48 | -2.22 | -1.95 | -2.28 | -2.84 | -6.36 | -8.29 | -5.46 | -3.30 | -2.90 | -2.82 | -2.84 | -3.01 | -3.52 | -4.52 | -7.06 | -9.43 | -7.88 | -7.52 | -7.06 | -5.48 | -5.50 | -4.53 |
| | 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 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 |
| OAK ORCHARD____HYD 24046 | 36.68 | 33.94 | 33.34 | 32.97 | 34.28 | 37.88 | 53.62 | 61.54 | 42.61 | 36.70 | 33.14 | 32.70 | 32.52 | 33.94 | 36.89 | 43.51 | 60.67 | 83.03 | 77.66 | 63.96 | 55.42 | 48.79 | 43.89 | 41.01 |
| | -1.53 | -1.49 | -1.35 | -1.20 | -1.39 | -1.54 | -3.18 | -4.21 | -2.91 | -1.69 | -1.38 | -1.29 | -1.32 | -1.42 | -1.74 | -2.10 | -3.53 | -4.28 | -3.57 | -3.79 | -3.85 | -2.89 | -3.15 | -2.57 |
| | 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 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 38.13 -0.08 0.00 | 35.39 -0.04 0.00 | 34.66 -0.03 0.00 | 34.17 0.00 0.00 | 35.67 0.00 0.00 | 39.45 0.04 0.00 | 56.57 -0.23 0.00 | 65.42 -0.33 0.00 | 45.07 -0.46 0.00 | 38.08 -0.31 0.00 | 34.28 -0.24 0.00 | 33.76 -0.24 0.00 | 33.57 -0.27 0.00 | 35.10 -0.25 0.00 | 38.28 -0.35 0.00 | 45.15 -0.46 0.00 | 63.63 -0.58 0.00 | 86.62 -0.70 0.00 | 80.67 -0.57 0.00 | 67.07 -0.68 0.00 | 58.57 -0.71 0.00 | 51.17 -0.52 0.00 | 46.39 -0.66 0.00 | 42.97 -0.61 0.00 |
| OCC_CHEM___DRP 24175 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| OH_GEN_PROXY 24063 | 35.30 -2.91 0.00 | 32.70 -2.73 0.00 | 32.20 -2.50 0.00 | 31.95 -2.22 0.00 | 33.10 -2.57 0.00 | 36.30 -3.11 0.00 | 50.38 -6.42 0.00 | 57.40 -8.35 0.00 | 40.11 -5.42 0.00 | 35.20 -3.19 0.00 | 31.73 -2.80 0.00 | 31.24 -2.75 0.00 | 31.07 -2.77 0.00 | 32.45 -2.90 0.00 | 35.19 -3.44 0.00 | 41.13 -4.47 0.01 | 57.07 -7.13 0.01 | 77.70 -9.61 0.01 | 73.11 -8.12 0.00 | 60.09 -7.66 0.00 | 52.09 -7.18 0.01 | 46.10 -5.58 0.00 | 41.44 -5.60 0.01 | 38.88 -4.71 0.00 |
| OLIN_CORP_DRP 24177 | 35.15 -3.06 0.00 | 32.91 -2.52 0.00 | 31.82 -2.88 0.00 | 31.98 -2.19 0.00 | 33.10 -2.57 0.00 | 36.30 -3.11 0.00 | 49.70 -7.10 0.00 | 56.28 -9.47 0.00 | 39.65 -5.87 0.00 | 34.35 -4.03 0.00 | 31.24 -3.28 0.00 | 30.83 -3.16 0.00 | 30.63 -3.22 0.00 | 32.03 -3.32 0.00 | 34.73 -3.90 0.00 | 40.53 -5.06 0.02 | 56.36 -7.83 0.02 | 76.74 -10.57 0.02 | 72.06 -9.18 0.00 | 59.35 -8.40 0.00 | 51.50 -7.77 0.02 | 45.84 -5.84 0.00 | 40.96 -6.07 0.02 | 38.57 -5.01 0.00 |
| OLIN_CORP_DSASP 323712 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| ONEIDA_HERK_LFGE 323681 | 38.63 0.42 0.00 | 35.89 0.46 0.00 | 35.12 0.42 0.00 | 34.55 0.38 0.00 | 36.17 0.50 0.00 | 40.12 0.71 0.00 | 57.87 1.08 0.00 | 66.87 1.12 0.00 | 45.93 0.41 0.00 | 38.46 0.08 0.00 | 34.59 0.07 0.00 | 34.03 0.03 0.00 | 33.91 0.07 0.00 | 35.39 0.04 0.00 | 38.67 0.04 0.00 | 45.93 0.32 0.00 | 65.17 0.96 0.00 | 88.71 1.39 0.00 | 82.62 1.38 0.00 | 68.97 1.22 0.00 | 60.17 0.89 0.00 | 52.56 0.88 0.00 | 47.85 0.80 0.00 | 44.24 0.65 0.00 |
| ONEIDA___115KV_TB4 55905 | 38.82 0.61 0.00 | 36.10 0.67 0.00 | 35.32 0.62 0.00 | 34.75 0.58 0.00 | 36.42 0.75 0.00 | 40.40 0.99 0.00 | 58.22 1.42 0.00 | 67.26 1.51 0.00 | 46.21 0.68 0.00 | 38.73 0.35 0.00 | 34.83 0.31 0.00 | 34.27 0.27 0.00 | 34.11 0.27 0.00 | 35.67 0.32 0.00 | 38.94 0.31 0.00 | 46.20 0.59 0.00 | 65.49 1.28 0.00 | 89.24 1.92 0.00 | 83.02 1.79 0.00 | 69.17 1.42 0.00 | 60.35 1.07 0.00 | 52.66 0.98 0.00 | 47.85 0.80 0.00 | 44.28 0.70 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.09 -0.66 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.52 -0.48 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.07 -0.55 0.00 | 63.32 -0.90 0.00 | 86.27 -1.05 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| ONONDAGA___COGEN 23986 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| ONTARIO___LFGE 23819 | 37.29 -0.92 0.00 | 34.51 -0.92 0.00 | 33.83 -0.87 0.00 | 33.38 -0.78 0.00 | 34.88 -0.78 0.00 | 38.63 -0.79 0.00 | 55.32 -1.48 0.00 | 63.78 -1.97 0.00 | 44.02 -1.50 0.00 | 37.39 -1.00 0.00 | 33.66 -0.86 0.00 | 33.18 -0.82 0.00 | 33.00 -0.84 0.00 | 34.50 -0.85 0.00 | 37.55 -1.08 0.00 | 44.47 -1.14 0.00 | 62.34 -1.86 0.00 | 85.39 -1.92 0.00 | 79.61 -1.62 0.00 | 65.85 -1.90 0.00 | 57.20 -2.08 0.00 | 50.08 -1.60 0.00 | 45.21 -1.84 0.00 | 42.02 -1.57 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 34.92 -3.29 0.00 | 32.38 -3.05 0.00 | 32.06 -2.64 0.00 | 31.81 -2.36 0.00 | 33.07 -2.60 0.00 | 36.38 -3.03 0.00 | 50.89 -5.91 0.00 | 58.19 -7.56 0.00 | 40.15 -5.37 0.00 | 34.70 -3.69 0.00 | 31.17 -3.35 0.00 | 30.67 -3.33 0.00 | 30.43 -3.42 0.00 | 31.82 -3.53 0.00 | 34.58 -4.06 0.00 | 40.48 -5.11 0.03 | 57.12 -7.06 0.03 | 78.03 -9.26 0.03 | 73.52 -7.72 0.00 | 60.70 -7.05 0.00 | 52.80 -6.46 0.03 | 46.46 -5.22 0.00 | 41.94 -5.08 0.03 | 39.23 -4.36 0.00 |
| ORANGEVILLE___ESR 323794 | 34.92 -3.29 0.00 | 32.38 -3.05 0.00 | 32.06 -2.64 0.00 | 31.81 -2.36 0.00 | 33.07 -2.60 0.00 | 36.38 -3.03 0.00 | 50.89 -5.91 0.00 | 58.19 -7.56 0.00 | 40.15 -5.37 0.00 | 34.70 -3.69 0.00 | 31.17 -3.35 0.00 | 30.67 -3.33 0.00 | 30.43 -3.42 0.00 | 31.82 -3.53 0.00 | 34.58 -4.06 0.00 | 40.48 -5.11 0.03 | 57.12 -7.06 0.03 | 78.03 -9.26 0.03 | 73.52 -7.72 0.00 | 60.70 -7.05 0.00 | 52.80 -6.46 0.03 | 46.46 -5.22 0.00 | 41.94 -5.08 0.03 | 39.23 -4.36 0.00 |
| OSWEGATCHIE___HYD 24044 | 38.21 0.00 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.17 0.00 0.00 | 35.74 0.07 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 65.95 0.20 0.00 | 45.39 -0.14 0.00 | 38.00 -0.38 0.00 | 34.18 -0.35 0.00 | 33.59 -0.41 0.00 | 33.44 -0.40 0.00 | 34.86 -0.49 0.00 | 38.13 -0.50 0.00 | 45.29 -0.32 0.00 | 64.02 -0.19 0.00 | 86.97 -0.35 0.00 | 81.40 0.16 0.00 | 68.02 0.27 0.00 | 59.46 0.18 0.00 | 52.35 0.67 0.00 | 47.85 0.80 0.00 | 44.32 0.74 0.00 |
| OSWEGO___5 23606 | 37.14 -1.07 0.00 | 34.47 -0.95 0.00 | 33.76 -0.94 0.00 | 33.28 -0.89 0.00 | 34.71 -0.96 0.00 | 38.39 -1.03 0.00 | 55.10 -1.70 0.00 | 63.84 -1.91 0.00 | 44.11 -1.41 0.00 | 37.23 -1.15 0.00 | 33.52 -1.00 0.00 | 33.04 -0.95 0.00 | 32.90 -0.95 0.00 | 34.36 -0.99 0.00 | 37.43 -1.20 0.00 | 44.29 -1.32 0.00 | 62.15 -2.06 0.00 | 84.61 -2.71 0.00 | 78.80 -2.43 0.00 | 65.65 -2.10 0.00 | 57.27 -2.02 0.00 | 50.03 -1.66 0.00 | 45.45 -1.60 0.00 | 42.10 -1.48 0.00 |
| OSWEGO___6 23613 | 37.14 -1.07 0.00 | 34.47 -0.95 0.00 | 33.76 -0.94 0.00 | 33.28 -0.89 0.00 | 34.71 -0.96 0.00 | 38.39 -1.03 0.00 | 55.10 -1.70 0.00 | 63.84 -1.91 0.00 | 44.11 -1.41 0.00 | 37.23 -1.15 0.00 | 33.52 -1.00 0.00 | 33.04 -0.95 0.00 | 32.90 -0.95 0.00 | 34.36 -0.99 0.00 | 37.43 -1.20 0.00 | 44.29 -1.32 0.00 | 62.15 -2.06 0.00 | 84.61 -2.71 0.00 | 78.80 -2.43 0.00 | 65.65 -2.10 0.00 | 57.27 -2.02 0.00 | 50.03 -1.66 0.00 | 45.45 -1.60 0.00 | 42.10 -1.48 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 35.34 -2.87 0.00 | 33.05 -2.37 0.00 | 32.48 -2.22 0.00 | 32.09 -2.08 0.00 | 33.28 -2.39 0.00 | 36.50 -2.92 0.00 | 50.61 -6.19 0.00 | 57.34 -8.42 0.00 | 40.29 -5.24 0.00 | 34.84 -3.53 0.01 | 31.65 -2.87 0.01 | 31.27 -2.72 0.01 | 31.06 -2.78 0.01 | 32.48 -2.86 0.01 | 35.22 -3.40 0.01 | 41.13 -4.47 0.02 | 57.39 -6.81 0.02 | 78.22 -9.08 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.51 -6.76 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| OXBOW___BTM 323836 | 35.15 -3.06 0.00 | 32.52 -2.90 0.00 | 32.06 -2.64 0.00 | 31.81 -2.36 0.00 | 32.96 -2.71 0.00 | 36.10 -3.31 0.00 | 50.10 -6.70 0.00 | 57.01 -8.74 0.00 | 39.83 -5.69 0.00 | 34.95 -3.42 0.01 | 31.54 -2.97 0.01 | 31.06 -2.92 0.01 | 30.88 -2.94 0.01 | 32.26 -3.08 0.01 | 34.99 -3.63 0.01 | 40.85 -4.74 0.02 | 56.81 -7.38 0.02 | 77.26 -10.04 0.02 | 72.87 -8.37 0.00 | 59.89 -7.86 0.00 | 51.86 -7.41 0.02 | 45.94 -5.74 0.00 | 41.34 -5.69 0.02 | 38.79 -4.79 0.00 |
| OXBOW___ 24026 | 35.03 -3.17 0.00 | 32.73 -2.69 0.00 | 32.37 -2.32 0.00 | 31.81 -2.36 0.00 | 32.96 -2.71 0.00 | 36.18 -3.23 0.00 | 50.10 -6.70 0.00 | 56.74 -9.01 0.00 | 39.97 -5.55 0.00 | 34.57 -3.80 0.01 | 31.44 -3.07 0.01 | 31.06 -2.92 0.01 | 30.85 -2.98 0.01 | 32.23 -3.11 0.01 | 34.99 -3.63 0.01 | 40.85 -4.74 0.02 | 56.81 -7.38 0.02 | 77.35 -9.95 0.02 | 72.62 -8.61 0.00 | 59.89 -7.86 0.00 | 51.98 -7.29 0.02 | 46.26 -5.43 0.00 | 41.34 -5.69 0.02 | 38.79 -4.79 0.00 |
| OXY_CHEM_DSASP 323612 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| OZONE_PARK_ESR 323760 | 41.76 3.55 0.00 | 38.54 3.12 0.00 | 37.61 2.91 0.00 | 36.94 2.77 0.00 | 38.59 2.92 0.00 | 42.84 3.43 0.00 | 61.80 5.00 0.00 | 72.06 6.31 0.00 | 49.53 4.01 0.00 | 41.96 3.57 0.00 | 37.81 3.28 0.00 | 37.27 3.26 0.00 | 37.10 3.25 0.00 | 38.82 3.46 0.00 | 42.34 3.71 0.00 | 49.63 4.01 0.00 | 69.35 5.14 0.00 | 94.48 7.16 0.00 | 87.41 6.17 0.00 | 72.83 5.08 0.00 | 63.85 4.56 0.00 | 55.40 3.72 0.00 | 50.48 3.43 0.00 | 46.55 2.96 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 34.65 -3.55 0.00 | 32.38 -3.05 0.00 | 32.24 -2.46 0.00 | 31.44 -2.73 0.00 | 32.56 -3.10 0.00 | 35.75 -3.67 0.00 | 49.41 -7.38 0.00 | 56.02 -9.73 0.00 | 39.51 -6.01 0.00 | 34.22 -4.15 0.02 | 31.15 -3.35 0.02 | 30.78 -3.20 0.02 | 30.57 -3.25 0.02 | 31.94 -3.39 0.02 | 34.63 -3.98 0.02 | 40.40 -5.20 0.02 | 56.04 -8.15 0.02 | 76.21 -11.09 0.02 | 71.57 -9.67 0.00 | 59.01 -8.74 0.00 | 51.21 -8.06 0.02 | 45.64 -6.05 0.00 | 40.73 -6.30 0.02 | 38.27 -5.32 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 34.73 -3.48 0.00 | 32.17 -3.26 0.00 | 31.71 -2.98 0.00 | 31.47 -2.70 0.00 | 32.56 -3.10 0.00 | 35.71 -3.71 0.00 | 49.42 -7.38 0.00 | 56.28 -9.47 0.00 | 39.38 -6.15 0.00 | 34.64 -3.72 0.02 | 31.22 -3.28 0.02 | 30.78 -3.20 0.02 | 30.61 -3.22 0.02 | 31.94 -3.39 0.02 | 34.67 -3.94 0.02 | 40.44 -5.15 0.02 | 56.04 -8.16 0.02 | 76.13 -11.18 0.02 | 71.81 -9.42 0.00 | 59.01 -8.74 0.00 | 51.09 -8.18 0.02 | 45.27 -6.41 0.00 | 40.73 -6.30 0.02 | 38.26 -5.32 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 41.84 3.63 -0.01 | 38.59 3.15 -0.01 | 37.69 2.98 -0.01 | 37.01 2.84 0.00 | 38.66 3.00 0.00 | 42.65 3.23 0.00 | 60.94 4.15 0.00 | 70.74 5.00 0.01 | 48.81 3.28 -0.01 | 41.38 2.99 -0.01 | 37.32 2.80 -0.01 | 36.79 2.79 -0.01 | 36.62 2.78 -0.01 | 38.33 2.97 -0.01 | 41.80 3.17 0.00 | 48.99 3.38 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.60 3.32 0.00 | 54.47 2.79 0.00 | 50.15 3.11 0.00 | 46.50 2.92 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 42.30 4.09 -0.01 | 39.01 3.58 -0.01 | 38.11 3.40 -0.01 | 37.42 3.25 0.00 | 39.06 3.39 0.00 | 43.12 3.70 0.00 | 61.57 4.77 0.00 | 71.46 5.72 0.01 | 49.31 3.78 -0.01 | 41.77 3.38 -0.01 | 37.63 3.11 -0.01 | 37.13 3.13 -0.01 | 36.96 3.11 -0.01 | 38.65 3.29 -0.01 | 42.19 3.55 0.00 | 49.40 3.79 0.00 | 68.50 4.30 0.01 | 93.60 6.29 0.01 | 86.51 5.28 0.01 | 72.01 4.27 0.01 | 63.20 3.91 0.00 | 54.99 3.31 0.00 | 50.63 3.58 0.00 | 46.98 3.40 0.00 |
| PATROON___115KV_TB1 80586 | 39.54 1.34 0.00 | 36.63 1.20 0.00 | 35.88 1.18 0.00 | 35.30 1.13 0.00 | 36.81 1.14 0.00 | 40.68 1.26 0.00 | 58.62 1.82 0.00 | 67.92 2.17 0.00 | 45.71 0.18 0.00 | 38.58 0.19 0.00 | 34.69 0.17 0.00 | 34.13 0.14 0.00 | 34.55 0.71 0.00 | 36.17 0.81 0.00 | 39.60 0.97 0.00 | 46.75 1.14 0.00 | 65.94 1.73 0.00 | 89.50 2.18 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.71 1.42 0.00 | 52.72 1.03 0.00 | 48.08 1.04 0.00 | 44.45 0.87 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 39.43 1.22 0.00 | 36.53 1.10 0.00 | 35.81 1.11 0.00 | 35.16 0.99 0.00 | 36.74 1.07 0.00 | 40.83 1.42 0.00 | 58.79 1.99 0.00 | 67.59 1.84 0.00 | 45.93 0.41 0.00 | 38.38 0.00 0.00 | 34.45 -0.07 0.00 | 33.89 -0.10 0.00 | 33.78 -0.07 0.00 | 35.35 0.00 0.00 | 38.79 0.16 0.00 | 46.20 0.59 0.00 | 65.94 1.73 0.00 | 89.76 2.44 0.00 | 83.34 2.11 0.00 | 69.58 1.83 0.00 | 60.94 1.66 0.00 | 53.02 1.34 0.00 | 48.27 1.22 0.00 | 44.59 1.00 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 35.42 -2.79 0.00 | 33.05 -2.37 0.00 | 32.34 -2.36 0.00 | 32.12 -2.05 0.00 | 33.38 -2.28 0.00 | 36.69 -2.72 0.00 | 51.23 -5.57 0.00 | 58.06 -7.69 0.00 | 40.52 -5.01 0.00 | 34.93 -3.45 0.00 | 31.62 -2.90 0.00 | 31.17 -2.82 0.00 | 30.96 -2.88 0.00 | 32.42 -2.93 0.00 | 35.19 -3.44 0.00 | 41.17 -4.42 0.02 | 58.22 -5.97 0.02 | 78.92 -8.38 0.02 | 74.09 -7.15 0.00 | 61.04 -6.71 0.00 | 53.16 -6.11 0.02 | 46.98 -4.70 0.00 | 42.37 -4.66 0.02 | 39.44 -4.14 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 41.15 2.94 0.00 | 38.01 2.59 0.00 | 37.13 2.43 0.00 | 36.49 2.32 0.00 | 38.13 2.46 0.00 | 42.33 2.92 0.00 | 61.06 4.26 0.00 | 71.01 5.26 0.00 | 48.76 3.23 0.00 | 41.07 2.69 0.00 | 36.97 2.45 0.00 | 36.44 2.45 0.00 | 36.28 2.44 0.00 | 37.97 2.62 0.00 | 41.49 2.86 0.00 | 48.90 3.28 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.15 4.40 0.00 | 63.14 3.85 0.00 | 54.84 3.15 0.00 | 49.92 2.87 0.00 | 46.07 2.48 0.00 |
| PEEKSKILL___ 23653 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.33 0.00 | 36.32 2.15 0.00 | 37.95 2.28 0.00 | 42.17 2.76 0.00 | 60.77 3.97 0.00 | 70.75 4.99 0.00 | 48.53 3.00 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.45 2.45 0.00 | 36.28 2.44 0.00 | 37.93 2.58 0.00 | 41.42 2.78 0.00 | 48.57 2.96 0.00 | 68.06 3.85 0.00 | 92.73 5.42 0.00 | 85.78 4.55 0.00 | 71.47 3.72 0.00 | 62.66 3.38 0.00 | 54.47 2.79 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| PGE MADISON___WINDPWR 24146 | 39.27 1.07 0.00 | 36.60 1.17 0.00 | 35.77 1.08 0.00 | 35.13 0.96 0.00 | 37.06 1.39 0.00 | 41.42 2.01 0.00 | 59.70 2.90 0.00 | 68.84 3.09 0.00 | 46.89 1.37 0.00 | 38.85 0.46 0.00 | 34.87 0.35 0.00 | 34.17 0.17 0.00 | 33.98 0.14 0.00 | 35.53 0.18 0.00 | 38.86 0.23 0.00 | 46.63 1.00 -0.02 | 67.25 3.02 -0.02 | 92.23 4.89 -0.02 | 85.95 4.71 0.00 | 71.61 3.86 0.00 | 62.27 2.96 -0.02 | 54.27 2.58 0.00 | 49.28 2.21 -0.02 | 45.59 2.00 0.00 |

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| PIERCEFIELD___HYD 23852 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.91 0.21 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.32 0.00 | 57.65 0.85 0.00 | 66.47 0.72 0.00 | 45.93 0.41 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.74 -0.10 0.00 | 35.18 -0.18 0.00 | 38.56 -0.08 0.00 | 45.61 0.00 0.00 | 64.53 0.32 0.00 | 87.14 -0.17 0.00 | 81.80 0.57 0.00 | 68.29 0.54 0.00 | 59.94 0.65 0.00 | 52.66 0.98 0.00 | 48.32 1.27 0.00 | 44.80 1.22 0.00 |
| PINELAWN_CC_1 323563 | 40.84 2.63 0.00 | 37.52 2.09 0.00 | 36.47 1.77 0.00 | 35.78 1.61 0.00 | 37.48 1.82 0.00 | 41.86 2.44 0.00 | 59.94 3.47 0.32 | 69.46 4.34 0.63 | 47.93 2.41 0.01 | 40.37 2.38 0.40 | 36.90 2.38 0.01 | 36.42 2.55 0.12 | 36.34 2.54 0.05 | 38.11 2.76 0.01 | 41.61 2.97 0.00 | 47.80 2.23 0.05 | 66.76 3.21 0.66 | 89.87 3.93 1.39 | 83.47 3.41 1.18 | 70.90 3.93 0.77 | 61.89 3.08 0.48 | 53.78 2.33 0.23 | 48.77 1.83 0.12 | 44.89 1.70 0.39 |
| PJM_GEN_HTTP_PROXY 323702 | 41.41 3.21 0.00 | 38.23 2.80 0.00 | 37.30 2.60 0.00 | 36.63 2.46 0.00 | 38.27 2.60 0.00 | 42.53 3.11 0.00 | 61.23 4.43 0.00 | 71.41 5.66 0.00 | 49.08 3.55 0.00 | 41.54 3.15 0.00 | 37.46 2.93 0.00 | 36.96 2.96 0.00 | 36.79 2.94 0.00 | 38.47 3.11 0.00 | 41.96 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.11 2.53 0.00 |
| PJM_GEN_KEystone 24065 | 38.21 0.00 0.00 | 35.32 -0.11 0.00 | 34.63 -0.07 0.00 | 34.17 0.00 0.00 | 35.60 -0.07 0.00 | 39.38 -0.04 0.00 | 56.06 -0.74 0.00 | 64.50 -1.25 0.00 | 44.48 -1.05 0.00 | 38.04 -0.35 0.00 | 34.25 -0.28 0.00 | 33.76 -0.24 0.00 | 33.61 -0.24 0.00 | 35.11 -0.25 0.00 | 38.21 -0.42 0.00 | 44.78 -0.82 0.01 | 62.72 -1.47 0.01 | 85.47 -1.84 0.01 | 79.69 -1.55 0.00 | 65.99 -1.76 0.00 | 57.68 -1.60 0.01 | 50.39 -1.29 0.00 | 45.63 -1.41 0.01 | 42.36 -1.22 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 40.61 2.41 0.00 | 37.34 1.91 0.00 | 36.33 1.63 0.00 | 35.67 1.50 0.00 | 37.34 1.68 0.00 | 41.62 2.21 0.00 | 59.86 3.07 0.00 | 69.70 3.94 0.00 | 47.75 2.23 0.01 | 40.68 2.30 0.01 | 36.79 2.28 0.01 | 36.44 2.45 0.01 | 36.28 2.44 0.01 | 37.96 2.62 0.01 | 41.38 2.74 0.00 | 47.98 2.37 0.00 | 67.80 3.59 0.01 | 91.68 4.36 0.00 | 85.05 3.82 0.01 | 72.01 4.27 0.01 | 62.54 3.26 0.01 | 54.11 2.43 0.01 | 48.65 1.60 0.00 | 45.02 1.44 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 41.37 3.17 0.00 | 38.19 2.77 0.00 | 37.27 2.57 0.00 | 36.60 2.43 0.00 | 38.20 2.53 0.00 | 42.49 3.08 0.00 | 61.17 4.37 0.00 | 71.34 5.59 0.00 | 49.08 3.55 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.86 3.01 0.00 | 38.50 3.15 0.00 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.43 6.11 0.00 | 86.36 5.12 0.00 | 71.95 4.20 0.00 | 63.20 3.91 0.00 | 54.89 3.21 0.00 | 49.97 2.92 0.00 | 46.07 2.48 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.70 -0.82 0.00 | 37.46 -0.92 0.00 | 33.62 -0.90 0.00 | 33.01 -0.99 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.18 -1.03 0.00 | 85.83 -1.48 0.00 | 80.50 -0.73 0.00 | 67.21 -0.54 0.00 | 59.05 -0.24 0.00 | 51.58 -0.10 0.00 | 47.19 0.14 0.00 | 43.89 0.31 0.00 |
| PLEASANTVLY___LBMP 24000 | 40.73 2.52 0.00 | 37.62 2.20 0.00 | 36.78 2.08 0.00 | 36.12 1.95 0.00 | 37.74 2.07 0.00 | 41.86 2.44 0.00 | 60.32 3.52 0.00 | 70.22 4.47 0.00 | 48.26 2.73 0.00 | 40.73 2.34 0.00 | 36.66 2.14 0.00 | 36.14 2.14 0.00 | 35.97 2.13 0.00 | 37.65 2.30 0.00 | 41.10 2.47 0.00 | 48.30 2.69 0.00 | 67.61 3.40 0.00 | 92.03 4.72 0.00 | 85.22 3.98 0.00 | 71.07 3.32 0.00 | 62.25 2.96 0.00 | 54.11 2.43 0.00 | 49.31 2.26 0.00 | 45.50 1.92 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.21 2.80 0.00 | 60.89 4.09 0.00 | 70.88 5.13 0.00 | 48.71 3.19 0.00 | 41.18 2.80 0.00 | 37.07 2.55 0.00 | 36.54 2.55 0.00 | 36.38 2.54 0.00 | 38.07 2.72 0.00 | 41.57 2.94 0.00 | 48.76 3.15 0.00 | 68.26 4.05 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 71.68 3.93 0.00 | 62.84 3.56 0.00 | 54.58 2.89 0.00 | 49.68 2.63 0.00 | 45.85 2.27 0.00 |
| PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020 | 41.11 2.90 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.42 2.26 0.00 | 38.06 2.39 0.00 | 42.21 2.80 0.00 | 60.89 4.09 0.00 | 70.88 5.13 0.00 | 48.71 3.19 0.00 | 41.18 2.80 0.00 | 37.07 2.55 0.00 | 36.54 2.55 0.00 | 36.38 2.54 0.00 | 38.07 2.72 0.00 | 41.57 2.94 0.00 | 48.76 3.15 0.00 | 68.26 4.05 0.00 | 92.91 5.59 0.00 | 86.03 4.79 0.00 | 71.68 3.93 0.00 | 62.84 3.56 0.00 | 54.58 2.89 0.00 | 49.68 2.63 0.00 | 45.85 2.27 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 40.88 2.67 0.00 | 37.77 2.34 0.00 | 36.92 2.22 0.00 | 36.25 2.08 0.00 | 37.88 2.21 0.00 | 42.02 2.60 0.00 | 60.60 3.81 0.00 | 70.49 4.73 0.00 | 48.39 2.87 0.00 | 40.76 2.38 0.00 | 36.66 2.14 0.00 | 36.10 2.11 0.00 | 35.97 2.13 0.00 | 37.61 2.26 0.00 | 41.10 2.47 0.00 | 48.44 2.83 0.00 | 68.00 3.79 0.00 | 92.73 5.41 0.00 | 85.87 4.63 0.00 | 71.54 3.79 0.00 | 62.72 3.44 0.00 | 54.42 2.74 0.00 | 49.59 2.54 0.00 | 45.72 2.14 0.00 |
| POLETTI_____ 23519 | 41.80 3.59 -0.01 | 38.55 3.12 -0.01 | 37.66 2.95 -0.01 | 36.97 2.80 0.00 | 38.59 2.92 0.00 | 42.61 3.19 0.00 | 60.83 4.03 0.00 | 70.68 4.93 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.84 3.21 0.00 | 49.03 3.42 0.00 | 67.93 3.72 0.01 | 92.55 5.24 0.01 | 85.61 4.39 0.01 | 71.33 3.59 0.01 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 50.11 3.06 0.00 | 46.46 2.88 0.00 |
| POMONA___ESR 323819 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.06 2.36 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.89 4.09 0.00 | 70.88 5.13 0.00 | 48.62 3.10 0.00 | 41.03 2.65 0.00 | 36.97 2.45 0.00 | 36.45 2.45 0.00 | 36.31 2.47 0.00 | 37.97 2.62 0.00 | 41.42 2.78 0.00 | 48.62 3.01 0.00 | 68.13 3.92 0.00 | 92.82 5.50 0.00 | 85.95 4.71 0.00 | 71.54 3.79 0.00 | 62.78 3.50 0.00 | 54.52 2.84 0.00 | 49.59 2.54 0.00 | 45.76 2.18 0.00 |
| PORT_JEFF_3 23555 | 40.46 2.25 0.00 | 37.13 1.70 0.00 | 36.09 1.39 0.00 | 35.43 1.27 0.00 | 37.09 1.43 0.00 | 41.42 2.01 0.00 | 58.96 2.84 0.67 | 68.05 3.61 1.31 | 47.39 1.87 0.01 | 31.63 1.99 8.75 | 36.55 2.04 0.01 | 33.51 2.18 2.67 | 35.09 2.17 0.92 | 37.75 2.41 0.01 | 41.18 2.55 0.00 | 47.38 2.05 0.29 | 66.10 3.27 1.38 | 88.43 4.02 2.91 | 82.25 3.49 2.48 | 70.18 4.06 1.63 | 61.12 2.85 1.01 | 53.27 2.07 0.48 | 46.92 1.22 1.35 | 35.95 1.13 8.77 |
| PORT_JEFF_4 23616 | 40.46 2.25 0.00 | 37.13 1.70 0.00 | 36.09 1.39 0.00 | 35.43 1.27 0.00 | 37.09 1.43 0.00 | 41.42 2.01 0.00 | 58.96 2.84 0.67 | 68.05 3.61 1.31 | 47.39 1.87 0.01 | 31.63 1.99 8.75 | 36.55 2.04 0.01 | 33.51 2.18 2.67 | 35.09 2.17 0.92 | 37.75 2.41 0.01 | 41.18 2.55 0.00 | 47.38 2.05 0.29 | 66.10 3.27 1.38 | 88.43 4.02 2.91 | 82.25 3.49 2.48 | 70.18 4.06 1.63 | 61.12 2.85 1.01 | 53.27 2.07 0.48 | 46.92 1.22 1.35 | 35.95 1.13 8.77 |

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| PORT_JEFF_IC 23713 | 40.46 2.25 0.00 | 37.09 1.67 0.00 | 36.09 1.39 0.00 | 35.43 1.26 0.00 | 37.13 1.46 0.00 | 41.42 2.01 0.00 | 58.74 2.84 0.90 | 67.68 3.68 1.75 | 47.43 1.91 0.01 | 31.16 2.00 9.22 | 36.55 2.04 0.01 | 33.29 2.11 2.81 | 34.94 2.06 0.97 | 37.68 2.33 0.01 | 41.22 2.59 0.00 | 47.34 2.05 0.33 | 65.65 3.27 1.84 | 87.81 4.37 3.88 | 82.40 4.47 3.30 | 69.71 4.13 2.17 | 60.84 2.90 1.35 | 53.00 1.96 0.64 | 46.82 1.22 1.46 | 35.53 1.18 9.23 |
| PPL PILGRIM_ST_GT1 24216 | 40.99 2.79 0.00 | 37.66 2.23 0.00 | 36.57 1.87 0.00 | 35.88 1.71 0.00 | 37.63 1.96 0.00 | 42.01 2.60 0.00 | 59.83 3.92 0.88 | 68.83 4.80 1.72 | 48.07 2.55 0.01 | 40.01 2.49 0.87 | 36.97 2.45 0.01 | 36.38 2.65 0.27 | 36.39 2.64 0.10 | 38.21 2.86 0.01 | 41.72 3.09 0.00 | 48.31 2.83 0.13 | 66.90 4.49 1.80 | 89.19 5.67 3.80 | 82.96 4.96 3.24 | 70.91 5.29 2.13 | 61.94 3.97 1.32 | 54.05 3.00 0.63 | 48.83 2.07 0.29 | 44.59 1.87 0.87 |
| PPL PILGRIM_ST_GT2 24217 | 40.99 2.79 0.00 | 37.66 2.23 0.00 | 36.57 1.87 0.00 | 35.88 1.71 0.00 | 37.63 1.96 0.00 | 42.01 2.60 0.00 | 59.83 3.92 0.88 | 68.83 4.80 1.72 | 48.07 2.55 0.01 | 40.01 2.49 0.87 | 36.97 2.45 0.01 | 36.38 2.65 0.27 | 36.39 2.64 0.10 | 38.21 2.86 0.01 | 41.72 3.09 0.00 | 48.31 2.83 0.13 | 66.90 4.49 1.80 | 89.19 5.67 3.80 | 82.96 4.96 3.24 | 70.91 5.29 2.13 | 61.94 3.97 1.32 | 54.05 3.00 0.63 | 48.83 2.07 0.29 | 44.59 1.87 0.87 |
| PPL_SHRM_GT3 24213 | 39.81 1.60 0.00 | 36.53 1.10 0.00 | 35.46 0.76 0.00 | 34.82 0.65 0.00 | 36.49 0.82 0.00 | 40.75 1.34 0.00 | 57.95 1.87 0.72 | 66.90 2.56 1.41 | 46.61 1.09 0.01 | 30.99 1.31 8.70 | 35.90 1.38 0.01 | 32.88 1.53 2.65 | 34.49 1.56 0.92 | 37.08 1.73 0.01 | 40.49 1.85 0.00 | 46.55 1.23 0.29 | 64.91 2.18 1.48 | 86.91 2.71 3.12 | 80.85 2.27 2.66 | 69.05 3.05 1.75 | 60.15 1.95 1.08 | 52.40 1.24 0.52 | 46.12 0.42 1.35 | 35.27 0.39 8.71 |
| PPL_SHRM_GT4 24214 | 39.81 1.60 0.00 | 36.53 1.10 0.00 | 35.46 0.76 0.00 | 34.82 0.65 0.00 | 36.49 0.82 0.00 | 40.75 1.34 0.00 | 57.95 1.87 0.72 | 66.90 2.56 1.41 | 46.61 1.09 0.01 | 30.99 1.31 8.70 | 35.90 1.38 0.01 | 32.88 1.53 2.65 | 34.49 1.56 0.92 | 37.08 1.73 0.01 | 40.49 1.85 0.00 | 46.55 1.23 0.29 | 64.91 2.18 1.48 | 86.91 2.71 3.12 | 80.85 2.27 2.66 | 69.05 3.05 1.75 | 60.15 1.95 1.08 | 52.40 1.24 0.52 | 46.12 0.42 1.35 | 35.27 0.39 8.71 |
| PROJECT___ORANGE 1 24174 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.14 -0.56 0.00 | 33.62 -0.55 0.00 | 35.13 -0.54 0.00 | 38.86 -0.55 0.00 | 55.89 -0.91 0.00 | 64.70 -1.05 0.00 | 44.66 -0.86 0.00 | 37.69 -0.69 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.27 -0.58 0.00 | 34.79 -0.57 0.00 | 37.94 -0.70 0.00 | 44.88 -0.73 0.00 | 62.99 -1.22 0.00 | 85.83 -1.48 0.00 | 79.85 -1.38 0.00 | 66.46 -1.29 0.00 | 57.92 -1.36 0.00 | 50.60 -1.09 0.00 | 45.92 -1.13 0.00 | 42.54 -1.05 0.00 |
| PROJECT___ORANGE 2 24166 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.14 -0.56 0.00 | 33.62 -0.55 0.00 | 35.13 -0.54 0.00 | 38.86 -0.55 0.00 | 55.89 -0.91 0.00 | 64.70 -1.05 0.00 | 44.66 -0.86 0.00 | 37.69 -0.69 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.27 -0.58 0.00 | 34.79 -0.57 0.00 | 37.94 -0.70 0.00 | 44.88 -0.73 0.00 | 62.99 -1.22 0.00 | 85.83 -1.48 0.00 | 79.85 -1.38 0.00 | 66.46 -1.29 0.00 | 57.92 -1.36 0.00 | 50.60 -1.09 0.00 | 45.92 -1.13 0.00 | 42.54 -1.05 0.00 |
| PUCKETT___SOLAR 323809 | 38.67 0.46 0.00 | 35.82 0.39 0.00 | 35.08 0.38 0.00 | 34.55 0.38 0.00 | 36.17 0.50 0.00 | 40.12 0.71 0.00 | 57.65 0.85 0.00 | 66.60 0.85 0.00 | 45.66 0.14 0.00 | 38.38 0.00 0.00 | 34.45 -0.07 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.21 -0.14 0.00 | 38.44 -0.19 0.00 | 45.61 0.00 0.00 | 64.66 0.45 0.00 | 88.37 1.05 0.00 | 82.29 1.05 0.00 | 68.49 0.75 0.00 | 59.76 0.47 0.00 | 52.05 0.36 0.00 | 47.19 0.14 0.00 | 43.71 0.13 0.00 |
| PYRITES___HYD 24023 | 38.97 0.76 0.00 | 36.21 0.78 0.00 | 35.39 0.69 0.00 | 34.85 0.68 0.00 | 36.42 0.75 0.00 | 40.40 0.99 0.00 | 58.62 1.82 0.00 | 67.53 1.78 0.00 | 46.48 0.96 0.00 | 38.77 0.38 0.00 | 34.80 0.28 0.00 | 34.17 0.17 0.00 | 33.98 0.14 0.00 | 35.42 0.07 0.00 | 38.79 0.15 0.00 | 45.93 0.32 0.00 | 65.43 1.22 0.00 | 88.72 1.40 0.00 | 83.35 2.11 0.00 | 69.65 1.90 0.00 | 61.06 1.78 0.00 | 53.54 1.86 0.00 | 49.03 1.98 0.00 | 45.50 1.92 0.00 |
| QUAKERRD_115KV_BK1 80622 | 35.91 -2.29 0.00 | 33.37 -2.05 0.00 | 32.72 -1.98 0.00 | 32.29 -1.88 0.00 | 33.60 -2.07 0.00 | 37.21 -2.21 0.00 | 52.88 -3.92 0.00 | 60.75 -5.00 0.00 | 42.11 -3.41 0.00 | 35.89 -2.50 0.00 | 32.52 -2.00 0.00 | 32.09 -1.90 0.00 | 31.91 -1.93 0.00 | 33.30 -2.05 0.00 | 36.28 -2.36 0.00 | 42.82 -2.78 0.01 | 59.84 -4.37 0.01 | 81.90 -5.41 0.01 | 76.36 -4.87 0.00 | 63.01 -4.74 0.00 | 54.77 -4.51 0.01 | 48.22 -3.46 0.00 | 43.28 -3.76 0.01 | 40.40 -3.18 0.00 |
| QUENSBRY_115KV_TB8 356137 | 39.85 1.64 0.00 | 36.99 1.56 0.00 | 36.19 1.49 0.00 | 35.54 1.37 0.00 | 37.13 1.46 0.00 | 41.35 1.93 0.00 | 59.41 2.61 0.00 | 68.71 2.96 0.00 | 46.57 1.05 0.00 | 39.77 1.38 0.00 | 35.52 1.00 0.00 | 34.91 0.92 0.00 | 34.86 1.02 0.00 | 36.55 1.20 0.00 | 40.10 1.47 0.00 | 46.75 1.14 0.00 | 66.52 2.31 0.00 | 90.64 3.32 0.00 | 84.16 2.92 0.00 | 70.19 2.44 0.00 | 61.60 2.31 0.00 | 53.39 1.71 0.00 | 48.74 1.69 0.00 | 45.06 1.48 0.00 |
| RAMAPO___LBMP 323565 | 40.96 2.75 0.00 | 37.84 2.41 0.00 | 36.95 2.26 0.00 | 36.29 2.12 0.00 | 37.91 2.25 0.00 | 42.09 2.68 0.00 | 60.72 3.92 0.00 | 70.68 4.93 0.00 | 48.44 2.91 0.00 | 40.92 2.53 0.00 | 36.84 2.31 0.00 | 36.31 2.31 0.00 | 36.15 2.30 0.00 | 37.79 2.44 0.00 | 41.26 2.63 0.00 | 48.44 2.83 0.00 | 67.81 3.60 0.00 | 92.47 5.15 0.00 | 85.62 4.39 0.00 | 71.27 3.52 0.00 | 62.49 3.20 0.00 | 54.27 2.58 0.00 | 49.40 2.35 0.00 | 45.59 2.00 0.00 |
| RANKINE____ 23646 | 35.42 -2.79 0.00 | 33.09 -2.34 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.38 -2.28 0.00 | 36.69 -2.72 0.00 | 51.12 -5.68 0.00 | 57.93 -7.82 0.00 | 40.56 -4.96 0.00 | 35.01 -3.38 0.00 | 31.72 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.26 -4.33 0.02 | 57.90 -6.29 0.02 | 78.83 -8.47 0.02 | 74.09 -7.15 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 47.03 -4.65 0.00 | 42.23 -4.80 0.02 | 39.49 -4.10 0.00 |
| RAVENSWOOD_GT2_1 24244 | 41.45 3.25 0.00 | 38.26 2.83 0.00 | 37.34 2.64 0.00 | 36.70 2.53 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.23 4.43 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.43 3.08 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.58 4.37 0.00 | 93.43 6.11 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT2_2 24245 | 41.45 3.25 0.00 | 38.26 2.83 0.00 | 37.34 2.64 0.00 | 36.70 2.53 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.23 4.43 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.43 3.08 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.58 4.37 0.00 | 93.43 6.11 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |

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|---|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_3 24246 | 41.49 3.29 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.57 3.15 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.13 3.60 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT2_4 24247 | 41.49 3.29 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.57 3.15 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.13 3.60 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT3_1 24248 | 41.45 3.25 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.53 3.11 0.00 | 61.23 4.43 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.43 6.11 0.00 | 86.52 5.28 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT3_2 24249 | 41.45 3.25 0.00 | 38.26 2.83 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.34 2.68 0.00 | 42.53 3.11 0.00 | 61.23 4.43 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.43 6.11 0.00 | 86.52 5.28 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT3_3 24250 | 41.49 3.29 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.47 5.72 0.00 | 49.13 3.60 -0.01 | 41.61 3.22 -0.01 | 37.50 2.97 -0.01 | 36.99 2.99 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 50.11 3.06 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT3_4 24251 | 41.49 3.29 0.00 | 38.30 2.87 0.00 | 37.41 2.71 0.00 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.47 5.72 0.00 | 49.13 3.60 -0.01 | 41.61 3.22 -0.01 | 37.50 2.97 -0.01 | 36.99 2.99 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 50.11 3.06 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT_1 23729 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.55 2.85 -0.01 | 36.90 2.73 0.00 | 38.52 2.85 0.00 | 42.65 3.23 0.00 | 61.11 4.32 0.00 | 71.07 5.33 0.01 | 49.08 3.55 -0.01 | 41.61 3.22 -0.01 | 37.50 2.97 -0.01 | 36.99 2.99 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 42.03 3.40 0.00 | 49.26 3.65 0.00 | 68.31 4.11 0.01 | 93.07 5.76 0.01 | 86.10 4.87 0.01 | 71.74 4.00 0.01 | 62.96 3.68 0.00 | 54.78 3.10 0.00 | 50.20 3.15 0.00 | 46.42 2.83 0.00 |
| RAVENSWOOD_GT_10 24258 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.33 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT_11 24259 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.33 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT_4 24252 | 41.54 3.32 -0.01 | 38.30 2.87 -0.01 | 37.41 2.71 -0.01 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.17 4.37 0.00 | 71.28 5.52 -0.01 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.52 4.30 -0.01 | 93.35 6.02 -0.01 | 86.36 5.12 -0.01 | 71.96 4.20 -0.01 | 63.08 3.79 0.00 | 54.84 3.15 0.00 | 50.06 3.01 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT_5 24254 | 41.54 3.32 -0.01 | 38.30 2.87 -0.01 | 37.41 2.71 -0.01 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.17 4.37 0.00 | 71.28 5.52 -0.01 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.52 4.30 -0.01 | 93.35 6.02 -0.01 | 86.36 5.12 -0.01 | 71.96 4.20 -0.01 | 63.08 3.79 0.00 | 54.84 3.15 0.00 | 50.06 3.01 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT_6 24253 | 41.54 3.32 -0.01 | 38.30 2.87 -0.01 | 37.41 2.71 -0.01 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.17 4.37 0.00 | 71.28 5.52 -0.01 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.52 4.30 -0.01 | 93.35 6.02 -0.01 | 86.36 5.12 -0.01 | 71.96 4.20 -0.01 | 63.08 3.79 0.00 | 54.84 3.15 0.00 | 50.06 3.01 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT_7 24255 | 41.54 3.32 -0.01 | 38.30 2.87 -0.01 | 37.41 2.71 -0.01 | 36.73 2.56 0.00 | 38.38 2.71 0.00 | 42.57 3.15 0.00 | 61.17 4.37 0.00 | 71.28 5.52 -0.01 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.52 4.30 -0.01 | 93.35 6.02 -0.01 | 86.36 5.12 -0.01 | 71.96 4.20 -0.01 | 63.08 3.79 0.00 | 54.84 3.15 0.00 | 50.06 3.01 0.00 | 46.24 2.66 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.33 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD_GT_9 24257 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.33 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.53 3.11 0.00 | 61.29 4.49 0.00 | 71.41 5.65 0.00 | 49.08 3.55 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.95 3.32 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.20 3.91 0.00 | 54.89 3.20 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 41.69 3.48 -0.01 | 38.48 3.05 -0.01 | 37.55 2.85 -0.01 | 36.87 2.70 0.00 | 38.48 2.82 0.00 | 42.65 3.23 0.00 | 61.11 4.31 0.00 | 71.01 5.26 0.01 | 49.08 3.55 -0.01 | 41.57 3.18 -0.01 | 37.50 2.97 -0.01 | 37.03 3.02 -0.01 | 36.86 3.01 -0.01 | 38.54 3.18 -0.01 | 42.03 3.40 0.00 | 49.21 3.60 0.00 | 68.32 4.11 0.01 | 93.07 5.76 0.01 | 86.10 4.87 0.01 | 71.67 3.93 0.01 | 62.96 3.68 0.00 | 54.84 3.15 0.00 | 50.15 3.10 0.00 | 46.37 2.79 0.00 |
| RAVENSWOOD___2 23534 | 41.65 3.44 -0.01 | 38.44 3.01 -0.01 | 37.55 2.85 -0.01 | 36.87 2.70 0.00 | 38.45 2.78 0.00 | 42.65 3.23 0.00 | 61.11 4.31 0.00 | 71.01 5.26 0.01 | 49.03 3.51 -0.01 | 41.57 3.18 -0.01 | 37.50 2.97 -0.01 | 37.03 3.02 -0.01 | 36.86 3.01 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.32 4.11 0.01 | 93.07 5.76 0.01 | 86.02 4.79 0.01 | 71.67 3.93 0.01 | 62.96 3.68 0.00 | 54.84 3.15 0.00 | 50.15 3.10 0.00 | 46.37 2.79 0.00 |
| RAVENSWOOD___3 23535 | 41.45 3.25 0.00 | 38.26 2.84 0.00 | 37.37 2.67 0.00 | 36.70 2.53 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.28 4.49 0.00 | 71.34 5.59 0.00 | 49.08 3.55 -0.01 | 41.57 3.18 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.83 2.98 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.17 3.56 0.00 | 68.64 4.43 0.00 | 93.52 6.20 0.00 | 86.44 5.20 0.00 | 72.02 4.27 0.00 | 63.20 3.91 0.00 | 54.94 3.26 0.00 | 50.06 3.01 0.00 | 46.20 2.61 0.00 |
| RAVENSWOOD___4 23820 | 41.65 3.44 -0.01 | 38.44 3.01 -0.01 | 37.55 2.85 -0.01 | 36.84 2.67 0.00 | 38.45 2.78 0.00 | 42.65 3.23 0.00 | 61.11 4.31 0.00 | 71.00 5.26 0.01 | 49.03 3.51 -0.01 | 41.57 3.18 -0.01 | 37.50 2.97 -0.01 | 36.99 2.99 -0.01 | 36.86 3.01 -0.01 | 38.54 3.18 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.31 4.11 0.01 | 93.07 5.76 0.01 | 86.02 4.79 0.01 | 71.67 3.93 0.01 | 62.96 3.68 0.00 | 54.84 3.15 0.00 | 50.15 3.10 0.00 | 46.37 2.79 0.00 |
| RCPL_TRUST___DRP 24196 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.34 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.54 5.79 0.00 | 49.17 3.64 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.79 2.94 0.00 | 38.50 3.15 0.00 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.08 4.34 0.00 | 63.26 3.97 0.00 | 54.89 3.20 0.00 | 50.01 2.96 0.00 | 46.15 2.57 0.00 |
| RED___ROCHESTER 323720 | 36.87 -1.34 0.00 | 34.08 -1.35 0.00 | 33.48 -1.22 0.00 | 33.15 -1.02 0.00 | 34.45 -1.21 0.00 | 38.07 -1.34 0.00 | 53.96 -2.84 0.00 | 61.94 -3.82 0.00 | 42.84 -2.69 0.00 | 36.89 -1.50 0.00 | 33.31 -1.21 0.00 | 32.88 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.83 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.31 -2.92 0.00 | 64.43 -3.32 0.00 | 55.84 -3.44 0.01 | 49.10 -2.58 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| REGAN___SOLAR 323812 | 39.73 1.53 0.00 | 36.85 1.42 0.00 | 36.09 1.39 0.00 | 35.43 1.27 0.00 | 37.06 1.39 0.00 | 41.35 1.93 0.00 | 59.64 2.84 0.00 | 68.12 2.36 0.00 | 45.34 -0.18 0.00 | 37.35 -1.03 0.00 | 33.42 -1.11 0.00 | 32.88 -1.12 0.00 | 32.79 -1.05 0.00 | 34.47 -0.88 0.00 | 38.09 -0.54 0.00 | 46.07 0.46 0.00 | 66.65 2.44 0.00 | 90.81 3.50 0.00 | 84.49 3.25 0.00 | 70.53 2.78 0.00 | 61.72 2.43 0.00 | 53.70 2.01 0.00 | 48.79 1.74 0.00 | 44.98 1.39 0.00 |
| RENSSELAER___COGEN 23796 | 39.27 1.07 0.00 | 36.46 1.03 0.00 | 35.71 1.01 0.00 | 35.12 0.96 0.00 | 36.63 0.96 0.00 | 40.48 1.06 0.00 | 58.27 1.47 0.00 | 67.53 1.78 0.00 | 45.57 0.05 0.00 | 38.42 0.04 0.00 | 34.59 0.07 0.00 | 34.03 0.03 0.00 | 34.45 0.61 0.00 | 35.99 0.64 0.00 | 39.44 0.81 0.00 | 46.52 0.91 0.00 | 65.56 1.35 0.00 | 88.97 1.65 0.00 | 82.46 1.22 0.00 | 68.97 1.22 0.00 | 60.41 1.12 0.00 | 52.46 0.78 0.00 | 47.90 0.85 0.00 | 44.32 0.74 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 41.34 3.13 0.00 | 38.40 2.98 0.00 | 37.61 2.91 0.00 | 36.83 2.67 0.00 | 38.49 2.82 0.00 | 43.08 3.67 0.00 | 62.02 5.23 0.00 | 71.60 5.85 0.00 | 48.03 2.50 0.00 | 40.65 2.26 0.00 | 36.21 1.69 0.00 | 35.53 1.53 0.00 | 35.47 1.62 0.00 | 37.19 1.84 0.00 | 40.87 2.24 0.00 | 48.07 2.46 0.00 | 69.03 4.82 0.00 | 94.39 7.07 0.00 | 87.73 6.50 0.00 | 73.17 5.42 0.00 | 64.20 4.92 0.00 | 55.51 3.82 0.00 | 50.58 3.53 0.00 | 46.68 3.09 0.00 |
| REVERE_CPPR_DRP 24186 | 39.05 0.84 0.00 | 36.28 0.85 0.00 | 35.53 0.83 0.00 | 34.92 0.75 0.00 | 36.59 0.93 0.00 | 40.68 1.26 0.00 | 58.62 1.82 0.00 | 67.66 1.91 0.00 | 46.43 0.91 0.00 | 38.85 0.46 0.00 | 34.94 0.41 0.00 | 34.34 0.34 0.00 | 34.21 0.37 0.00 | 35.74 0.39 0.00 | 39.02 0.39 0.00 | 46.43 0.82 0.00 | 66.01 1.80 0.00 | 89.85 2.53 0.00 | 83.67 2.44 0.00 | 69.78 2.03 0.00 | 60.83 1.54 0.00 | 53.13 1.45 0.00 | 48.27 1.22 0.00 | 44.67 1.09 0.00 |
| REYNLDPA_13_KV_LD 356490 | 38.28 0.08 0.00 | 35.50 0.07 0.00 | 34.73 0.03 0.00 | 34.24 0.07 0.00 | 35.70 0.04 0.00 | 39.49 0.08 0.00 | 57.20 0.40 0.00 | 66.02 0.26 0.00 | 45.80 0.27 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 33.81 -0.03 0.00 | 35.25 -0.11 0.00 | 38.59 -0.04 0.00 | 45.57 -0.05 0.00 | 64.47 0.26 0.00 | 87.49 0.17 0.00 | 81.81 0.57 0.00 | 68.23 0.48 0.00 | 59.94 0.65 0.00 | 52.31 0.62 0.00 | 47.76 0.71 0.00 | 44.32 0.74 0.00 |
| REYNOLDS_115KV_TB3 80639 | 39.54 1.34 0.00 | 36.63 1.20 0.00 | 35.88 1.18 0.00 | 35.30 1.13 0.00 | 36.84 1.18 0.00 | 40.72 1.30 0.00 | 58.62 1.82 0.00 | 67.86 2.10 0.00 | 45.39 -0.14 0.00 | 38.35 -0.04 0.00 | 34.49 -0.03 0.00 | 33.93 -0.07 0.00 | 34.59 0.74 0.00 | 36.17 0.81 0.00 | 39.64 1.00 0.00 | 46.80 1.19 0.00 | 65.88 1.67 0.00 | 89.41 2.10 0.00 | 82.78 1.54 0.00 | 69.24 1.49 0.00 | 60.65 1.36 0.00 | 52.66 0.98 0.00 | 48.13 1.08 0.00 | 44.50 0.92 0.00 |
| RIVERBAY____ 323610 | 42.30 4.09 -0.01 | 39.01 3.58 -0.01 | 38.11 3.40 -0.01 | 37.42 3.25 0.00 | 39.06 3.39 0.00 | 43.12 3.70 0.00 | 61.57 4.77 0.00 | 71.46 5.72 0.01 | 49.31 3.78 -0.01 | 41.77 3.38 -0.01 | 37.63 3.11 -0.01 | 37.13 3.13 -0.01 | 36.96 3.11 -0.01 | 38.65 3.29 -0.01 | 42.19 3.55 0.00 | 49.40 3.79 0.00 | 68.50 4.30 0.01 | 93.60 6.29 0.01 | 86.51 5.28 0.01 | 72.01 4.27 0.01 | 63.20 3.91 0.00 | 54.99 3.31 0.00 | 50.63 3.58 0.00 | 46.98 3.40 0.00 |
| RIVERSDE_115KV_TB3 55908 | 39.39 1.18 0.00 | 36.49 1.06 0.00 | 35.74 1.04 0.00 | 35.16 0.99 0.00 | 36.70 1.03 0.00 | 40.52 1.10 0.00 | 58.39 1.59 0.00 | 67.59 1.84 0.00 | 45.48 -0.05 0.00 | 38.42 0.04 0.00 | 34.56 0.03 0.00 | 34.00 0.00 0.00 | 34.49 0.64 0.00 | 36.06 0.71 0.00 | 39.48 0.85 0.00 | 46.61 1.00 0.00 | 65.82 1.61 0.00 | 89.33 2.01 0.00 | 82.78 1.54 0.00 | 69.17 1.42 0.00 | 60.59 1.30 0.00 | 52.61 0.93 0.00 | 48.04 0.99 0.00 | 44.41 0.83 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 37.06 -1.15 0.00 | 34.40 -1.03 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.71 -0.96 0.00 | 38.39 -1.03 0.00 | 55.49 -1.30 0.00 | 64.30 -1.45 0.00 | 44.43 -1.09 0.00 | 37.31 -1.07 0.00 | 33.52 -1.00 0.00 | 32.94 -1.05 0.00 | 32.76 -1.08 0.00 | 34.22 -1.13 0.00 | 37.43 -1.20 0.00 | 44.29 -1.32 0.00 | 62.54 -1.67 0.00 | 85.14 -2.18 0.00 | 79.37 -1.87 0.00 | 66.26 -1.49 0.00 | 58.04 -1.25 0.00 | 50.70 -0.98 0.00 | 46.35 -0.70 0.00 | 43.02 -0.57 0.00 |

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| ROCHESRG_115KV_T4 355643 | 36.49 -1.72 0.00 | 33.94 -1.49 0.00 | 33.28 -1.42 0.00 | 32.87 -1.30 0.00 | 34.17 -1.50 0.00 | 37.76 -1.66 0.00 | 53.39 -3.41 0.00 | 61.15 -4.60 0.00 | 42.52 -3.00 0.00 | 36.35 -2.03 0.00 | 32.97 -1.55 0.00 | 32.57 -1.43 0.00 | 32.39 -1.46 0.00 | 33.80 -1.56 0.00 | 36.78 -1.85 0.00 | 43.32 -2.28 0.01 | 60.41 -3.79 0.01 | 82.59 -4.72 0.01 | 77.26 -3.98 0.00 | 63.68 -4.06 0.00 | 55.30 -3.97 0.01 | 48.79 -2.89 0.00 | 43.75 -3.29 0.01 | 40.88 -2.70 0.00 |
| ROCHESTER_9_IC 23652 | 36.64 -1.57 0.00 | 34.08 -1.35 0.00 | 33.41 -1.28 0.00 | 33.01 -1.16 0.00 | 34.31 -1.36 0.00 | 37.96 -1.46 0.00 | 53.67 -3.12 0.00 | 61.48 -4.27 0.00 | 42.75 -2.78 0.00 | 36.54 -1.84 0.00 | 33.14 -1.38 0.00 | 32.74 -1.26 0.00 | 32.56 -1.29 0.00 | 33.97 -1.38 0.00 | 36.97 -1.66 0.00 | 43.55 -2.05 0.01 | 60.80 -3.40 0.01 | 83.21 -4.10 0.01 | 77.74 -3.49 0.00 | 64.09 -3.66 0.00 | 55.66 -3.62 0.01 | 49.10 -2.58 0.00 | 43.94 -3.11 0.01 | 41.06 -2.53 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 41.26 3.06 0.00 | 38.08 2.66 0.00 | 37.20 2.50 0.00 | 36.53 2.36 0.00 | 38.16 2.50 0.00 | 42.37 2.96 0.00 | 61.11 4.32 0.00 | 71.21 5.46 0.00 | 48.98 3.46 0.00 | 41.42 3.03 0.00 | 37.32 2.80 0.00 | 36.78 2.79 0.00 | 36.62 2.78 0.00 | 38.28 2.93 0.00 | 41.80 3.17 0.00 | 49.03 3.42 0.00 | 68.58 4.37 0.00 | 93.43 6.11 0.00 | 86.52 5.28 0.00 | 72.08 4.34 0.00 | 63.14 3.85 0.00 | 54.84 3.15 0.00 | 49.87 2.82 0.00 | 46.02 2.44 0.00 |
| ROME____115KV_TB2 80656 | 39.05 0.84 0.00 | 36.28 0.85 0.00 | 35.53 0.83 0.00 | 34.92 0.75 0.00 | 36.59 0.93 0.00 | 40.68 1.26 0.00 | 58.62 1.82 0.00 | 67.66 1.91 0.00 | 46.43 0.91 0.00 | 38.85 0.46 0.00 | 34.94 0.41 0.00 | 34.34 0.34 0.00 | 34.21 0.37 0.00 | 35.74 0.39 0.00 | 39.02 0.39 0.00 | 46.43 0.82 0.00 | 66.01 1.80 0.00 | 89.85 2.53 0.00 | 83.67 2.44 0.00 | 69.78 2.03 0.00 | 60.83 1.54 0.00 | 53.13 1.45 0.00 | 48.27 1.22 0.00 | 44.67 1.09 0.00 |
| ROSETON___1 23587 | 40.80 2.60 0.00 | 37.70 2.27 0.00 | 36.82 2.12 0.00 | 36.15 1.98 0.00 | 37.77 2.10 0.00 | 41.94 2.52 0.00 | 60.38 3.58 0.00 | 70.23 4.47 0.00 | 48.25 2.73 0.00 | 40.73 2.34 0.00 | 36.70 2.18 0.00 | 36.17 2.18 0.00 | 36.04 2.20 0.00 | 37.65 2.30 0.00 | 41.11 2.47 0.00 | 48.30 2.69 0.00 | 67.48 3.27 0.00 | 91.86 4.54 0.00 | 85.05 3.82 0.00 | 70.93 3.18 0.00 | 62.19 2.90 0.00 | 54.11 2.43 0.00 | 49.26 2.21 0.00 | 45.50 1.92 0.00 |
| ROSETON___2 23588 | 40.80 2.60 0.00 | 37.70 2.27 0.00 | 36.82 2.12 0.00 | 36.15 1.98 0.00 | 37.77 2.10 0.00 | 41.94 2.52 0.00 | 60.38 3.58 0.00 | 70.23 4.47 0.00 | 48.25 2.73 0.00 | 40.73 2.34 0.00 | 36.70 2.18 0.00 | 36.17 2.18 0.00 | 36.04 2.20 0.00 | 37.65 2.30 0.00 | 41.11 2.47 0.00 | 48.30 2.69 0.00 | 67.48 3.27 0.00 | 91.86 4.54 0.00 | 85.05 3.82 0.00 | 70.93 3.18 0.00 | 62.19 2.90 0.00 | 54.11 2.43 0.00 | 49.26 2.21 0.00 | 45.50 1.92 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 39.43 1.22 0.00 | 36.53 1.10 0.00 | 35.81 1.11 0.00 | 35.19 1.03 0.00 | 36.74 1.07 0.00 | 40.72 1.30 0.00 | 58.62 1.82 0.00 | 67.86 2.10 0.00 | 46.48 0.96 0.00 | 39.19 0.81 0.00 | 35.18 0.66 0.00 | 34.61 0.61 0.00 | 34.49 0.64 0.00 | 36.09 0.74 0.00 | 39.52 0.89 0.00 | 46.66 1.05 0.00 | 65.88 1.67 0.00 | 89.59 2.27 0.00 | 83.10 1.87 0.00 | 69.44 1.69 0.00 | 60.83 1.54 0.00 | 52.87 1.19 0.00 | 48.18 1.13 0.00 | 44.59 1.00 0.00 |
| RUSSELL___1 23602 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| RUSSELL___2 23532 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| RUSSELL___3 23549 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| RUSSELL___4 23556 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| RUSSELL___STATION 23914 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| S SALMON___HYD 24043 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.11 -0.59 0.00 | 33.59 -0.58 0.00 | 35.17 -0.50 0.00 | 38.90 -0.51 0.00 | 55.89 -0.91 0.00 | 64.70 -1.05 0.00 | 44.48 -1.05 0.00 | 37.46 -0.92 0.00 | 33.73 -0.79 0.00 | 33.18 -0.82 0.00 | 33.03 -0.81 0.00 | 34.50 -0.85 0.00 | 37.63 -1.00 0.00 | 44.65 -0.96 0.00 | 62.93 -1.28 0.00 | 85.83 -1.48 0.00 | 80.02 -1.22 0.00 | 66.73 -1.01 0.00 | 58.22 -1.07 0.00 | 50.91 -0.77 0.00 | 46.25 -0.80 0.00 | 42.80 -0.78 0.00 |
| S.PERRY___115KV_TB1 80734 | 36.94 -1.26 0.00 | 34.36 -1.06 0.00 | 33.69 -1.01 0.00 | 33.35 -0.82 0.00 | 34.74 -0.93 0.00 | 38.59 -0.83 0.00 | 54.75 -2.04 0.00 | 62.60 -3.16 0.00 | 43.02 -2.50 0.00 | 36.43 -1.96 0.00 | 32.90 -1.62 0.00 | 32.43 -1.56 0.00 | 32.15 -1.69 0.00 | 33.62 -1.73 0.00 | 36.55 -2.09 0.00 | 43.17 -2.42 0.03 | 61.10 -3.08 0.03 | 84.41 -2.88 0.03 | 79.45 -1.79 0.00 | 65.24 -2.51 0.00 | 56.59 -2.67 0.03 | 49.93 -1.76 0.00 | 44.57 -2.45 0.03 | 41.62 -1.96 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 35.34 -2.87 0.00 | 33.02 -2.41 0.00 | 32.34 -2.36 0.00 | 32.09 -2.08 0.00 | 33.24 -2.43 0.00 | 36.54 -2.88 0.00 | 50.72 -6.08 0.00 | 57.53 -8.22 0.00 | 40.38 -5.14 0.00 | 34.93 -3.45 0.00 | 31.73 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.27 -3.36 0.00 | 41.22 -4.38 0.02 | 57.45 -6.74 0.02 | 78.31 -8.99 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.63 -6.64 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 35.34 -2.87 0.00 | 33.02 -2.41 0.00 | 32.34 -2.36 0.00 | 32.09 -2.08 0.00 | 33.24 -2.43 0.00 | 36.54 -2.88 0.00 | 50.72 -6.08 0.00 | 57.53 -8.22 0.00 | 40.38 -5.14 0.00 | 34.93 -3.45 0.00 | 31.73 -2.80 0.00 | 31.31 -2.69 0.00 | 31.10 -2.74 0.00 | 32.52 -2.83 0.00 | 35.27 -3.36 0.00 | 41.22 -4.38 0.02 | 57.45 -6.74 0.02 | 78.31 -8.99 0.02 | 73.52 -7.72 0.00 | 60.57 -7.18 0.00 | 52.63 -6.64 0.02 | 46.72 -4.96 0.00 | 41.81 -5.22 0.02 | 39.18 -4.40 0.00 |
| SELKIRK___I 23801 | 39.54 1.34 0.00 | 36.70 1.27 0.00 | 35.95 1.25 0.00 | 35.33 1.16 0.00 | 36.88 1.21 0.00 | 40.79 1.38 0.00 | 58.67 1.87 0.00 | 67.86 2.10 0.00 | 46.21 0.68 0.00 | 38.88 0.50 0.00 | 34.94 0.42 0.00 | 34.37 0.37 0.00 | 34.42 0.57 0.00 | 36.02 0.67 0.00 | 39.48 0.85 0.00 | 46.70 1.09 0.00 | 65.94 1.73 0.00 | 89.68 2.36 0.00 | 83.11 1.87 0.00 | 69.44 1.69 0.00 | 60.89 1.60 0.00 | 52.92 1.24 0.00 | 48.27 1.22 0.00 | 44.63 1.04 0.00 |
| SELKIRK___II 23799 | 39.31 1.11 0.00 | 36.46 1.03 0.00 | 35.71 1.01 0.00 | 35.12 0.96 0.00 | 36.66 1.00 0.00 | 40.52 1.10 0.00 | 58.33 1.53 0.00 | 67.59 1.84 0.00 | 46.03 0.50 0.00 | 38.81 0.42 0.00 | 34.90 0.38 0.00 | 34.37 0.37 0.00 | 34.48 0.64 0.00 | 36.06 0.71 0.00 | 39.48 0.85 0.00 | 46.57 0.96 0.00 | 65.62 1.41 0.00 | 89.06 1.75 0.00 | 82.62 1.38 0.00 | 69.03 1.28 0.00 | 60.53 1.25 0.00 | 52.56 0.88 0.00 | 47.94 0.89 0.00 | 44.37 0.79 0.00 |
| SENECA OSWGO___HYD 24041 | 37.18 -1.03 0.00 | 34.51 -0.92 0.00 | 33.80 -0.90 0.00 | 33.28 -0.89 0.00 | 34.78 -0.89 0.00 | 38.47 -0.95 0.00 | 55.32 -1.48 0.00 | 64.04 -1.71 0.00 | 44.20 -1.32 0.00 | 37.31 -1.07 0.00 | 33.59 -0.93 0.00 | 33.08 -0.92 0.00 | 32.93 -0.91 0.00 | 34.40 -0.95 0.00 | 37.51 -1.12 0.00 | 44.38 -1.23 0.00 | 62.29 -1.92 0.00 | 84.96 -2.35 0.00 | 79.12 -2.11 0.00 | 65.85 -1.90 0.00 | 57.45 -1.84 0.00 | 50.13 -1.55 0.00 | 45.50 -1.55 0.00 | 42.15 -1.44 0.00 |
| SENECA___115KV_TB3 355854 | 35.57 -2.64 0.00 | 32.95 -2.48 0.00 | 32.48 -2.22 0.00 | 32.22 -1.95 0.00 | 33.46 -2.21 0.00 | 36.70 -2.72 0.00 | 51.23 -5.56 0.00 | 58.25 -7.50 0.00 | 40.52 -5.01 0.00 | 35.39 -2.99 0.00 | 31.86 -2.66 0.00 | 31.38 -2.62 0.00 | 31.17 -2.67 0.00 | 32.59 -2.76 0.00 | 35.39 -3.25 0.00 | 41.35 -4.24 0.02 | 57.90 -6.29 0.02 | 78.92 -8.38 0.02 | 74.33 -6.91 0.00 | 61.11 -6.64 0.00 | 53.10 -6.17 0.02 | 46.82 -4.86 0.00 | 42.23 -4.80 0.02 | 39.53 -4.05 0.00 |
| SENECA___ENERGY 23797 | 37.36 -0.84 0.00 | 34.61 -0.81 0.00 | 33.90 -0.80 0.00 | 33.45 -0.72 0.00 | 34.95 -0.71 0.00 | 38.71 -0.71 0.00 | 55.55 -1.25 0.00 | 64.17 -1.58 0.00 | 44.30 -1.23 0.00 | 37.50 -0.88 0.00 | 33.76 -0.76 0.00 | 33.28 -0.72 0.00 | 33.07 -0.78 0.00 | 34.61 -0.74 0.00 | 37.67 -0.96 0.00 | 44.57 -1.05 0.00 | 62.54 -1.67 0.00 | 85.48 -1.84 0.00 | 79.78 -1.46 0.00 | 66.12 -1.63 0.00 | 57.57 -1.72 0.00 | 50.29 -1.39 0.00 | 45.50 -1.55 0.00 | 42.19 -1.40 0.00 |
| SHOEMAKER___GT 23640 | 40.65 2.45 0.00 | 37.59 2.16 0.00 | 36.75 2.05 0.00 | 36.08 1.91 0.00 | 37.70 2.03 0.00 | 41.82 2.40 0.00 | 60.32 3.52 0.00 | 70.02 4.27 0.00 | 47.94 2.41 0.00 | 40.42 2.03 0.00 | 36.35 1.83 0.00 | 35.83 1.83 0.00 | 35.70 1.86 0.00 | 37.30 1.94 0.00 | 40.76 2.12 0.00 | 47.98 2.37 0.00 | 67.29 3.08 0.00 | 91.77 4.45 0.00 | 85.05 3.82 0.00 | 70.87 3.12 0.00 | 62.13 2.85 0.00 | 54.01 2.33 0.00 | 49.12 2.07 0.00 | 45.33 1.75 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 40.65 2.45 0.00 | 37.55 2.13 0.00 | 36.75 2.05 0.00 | 36.08 1.91 0.00 | 37.70 2.03 0.00 | 41.82 2.40 0.00 | 60.26 3.46 0.00 | 70.09 4.34 0.00 | 47.94 2.41 0.00 | 40.46 2.07 0.00 | 36.39 1.86 0.00 | 35.83 1.84 0.00 | 35.67 1.83 0.00 | 37.33 1.98 0.00 | 40.76 2.12 0.00 | 47.98 2.37 0.00 | 67.29 3.08 0.00 | 91.77 4.45 0.00 | 85.05 3.82 0.00 | 70.86 3.12 0.00 | 62.07 2.79 0.00 | 53.96 2.27 0.00 | 49.12 2.07 0.00 | 45.33 1.74 0.00 |
| SHOREHAM_IC_1 23715 | 39.81 1.60 0.00 | 36.53 1.10 0.00 | 35.46 0.76 0.00 | 34.82 0.65 0.00 | 36.49 0.82 0.00 | 40.75 1.34 0.00 | 57.95 1.87 0.72 | 66.90 2.56 1.41 | 46.61 1.09 0.01 | 30.99 1.31 8.70 | 35.90 1.38 0.01 | 32.88 1.53 2.65 | 34.49 1.56 0.92 | 37.08 1.73 0.01 | 40.49 1.85 0.00 | 46.55 1.23 0.29 | 64.91 2.18 1.48 | 86.91 2.71 3.12 | 80.85 2.27 2.66 | 69.05 3.05 1.75 | 60.15 1.95 1.08 | 52.40 1.24 0.52 | 46.12 0.42 1.35 | 35.27 0.39 8.71 |
| SHOREHAM_IC_2 23716 | 39.81 1.60 0.00 | 36.45 1.03 0.00 | 35.46 0.76 0.00 | 34.85 0.68 0.00 | 36.49 0.82 0.00 | 40.75 1.34 0.00 | 57.95 1.87 0.72 | 66.91 2.56 1.41 | 46.61 1.09 0.01 | 31.03 1.34 8.70 | 35.90 1.38 0.01 | 32.77 1.43 2.65 | 34.35 1.42 0.92 | 37.01 1.66 0.01 | 40.45 1.82 0.00 | 46.55 1.23 0.29 | 64.91 2.18 1.48 | 87.17 2.97 3.12 | 81.74 3.17 2.66 | 69.05 3.05 1.75 | 60.16 1.96 1.08 | 52.25 1.09 0.52 | 46.12 0.42 1.35 | 35.36 0.48 8.71 |
| SISSONVILLE___ 23735 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.91 0.21 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.32 0.00 | 57.65 0.85 0.00 | 66.47 0.72 0.00 | 45.93 0.41 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.74 -0.10 0.00 | 35.18 -0.18 0.00 | 38.56 -0.08 0.00 | 45.61 0.00 0.00 | 64.53 0.32 0.00 | 87.14 -0.17 0.00 | 81.80 0.57 0.00 | 68.29 0.54 0.00 | 59.94 0.65 0.00 | 52.66 0.98 0.00 | 48.32 1.27 0.00 | 44.80 1.22 0.00 |
| SITHE_IND_GS1 24169 | 36.83 -1.37 0.00 | 34.19 -1.24 0.00 | 33.48 -1.22 0.00 | 33.01 -1.16 0.00 | 34.42 -1.25 0.00 | 38.03 -1.38 0.00 | 54.64 -2.16 0.00 | 63.25 -2.50 0.00 | 43.70 -1.82 0.00 | 36.93 -1.46 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.63 -1.22 0.00 | 34.08 -1.27 0.00 | 37.16 -1.47 0.00 | 43.92 -1.69 0.00 | 61.57 -2.64 0.00 | 83.82 -3.50 0.00 | 78.07 -3.17 0.00 | 65.04 -2.71 0.00 | 56.80 -2.49 0.00 | 49.56 -2.12 0.00 | 45.03 -2.02 0.00 | 41.75 -1.83 0.00 |
| SITHE_IND_GS2 24170 | 36.83 -1.37 0.00 | 34.19 -1.24 0.00 | 33.48 -1.22 0.00 | 33.01 -1.16 0.00 | 34.42 -1.25 0.00 | 38.03 -1.38 0.00 | 54.64 -2.16 0.00 | 63.25 -2.50 0.00 | 43.70 -1.82 0.00 | 36.93 -1.46 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.63 -1.22 0.00 | 34.08 -1.27 0.00 | 37.16 -1.47 0.00 | 43.92 -1.69 0.00 | 61.57 -2.64 0.00 | 83.82 -3.50 0.00 | 78.07 -3.17 0.00 | 65.04 -2.71 0.00 | 56.80 -2.49 0.00 | 49.56 -2.12 0.00 | 45.03 -2.02 0.00 | 41.75 -1.83 0.00 |
| SITHE_IND_GS3 24171 | 36.83 -1.37 0.00 | 34.19 -1.24 0.00 | 33.48 -1.22 0.00 | 33.01 -1.16 0.00 | 34.42 -1.25 0.00 | 38.03 -1.38 0.00 | 54.64 -2.16 0.00 | 63.25 -2.50 0.00 | 43.70 -1.82 0.00 | 36.93 -1.46 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.63 -1.22 0.00 | 34.08 -1.27 0.00 | 37.16 -1.47 0.00 | 43.92 -1.69 0.00 | 61.57 -2.64 0.00 | 83.82 -3.50 0.00 | 78.07 -3.17 0.00 | 65.04 -2.71 0.00 | 56.80 -2.49 0.00 | 49.56 -2.12 0.00 | 45.03 -2.02 0.00 | 41.75 -1.83 0.00 |
| SITHE_IND_GS4 24172 | 36.83 -1.37 0.00 | 34.19 -1.24 0.00 | 33.48 -1.22 0.00 | 33.01 -1.16 0.00 | 34.42 -1.25 0.00 | 38.03 -1.38 0.00 | 54.64 -2.16 0.00 | 63.25 -2.50 0.00 | 43.70 -1.82 0.00 | 36.93 -1.46 0.00 | 33.28 -1.24 0.00 | 32.81 -1.19 0.00 | 32.63 -1.22 0.00 | 34.08 -1.27 0.00 | 37.16 -1.47 0.00 | 43.92 -1.69 0.00 | 61.57 -2.64 0.00 | 83.82 -3.50 0.00 | 78.07 -3.17 0.00 | 65.04 -2.71 0.00 | 56.80 -2.49 0.00 | 49.56 -2.12 0.00 | 45.03 -2.02 0.00 | 41.75 -1.83 0.00 |

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| SITHE___BATAVIA 24024 | 36.53 -1.68 0.00 | 33.80 -1.63 0.00 | 33.27 -1.42 0.00 | 33.01 -1.16 0.00 | 34.28 -1.39 0.00 | 37.76 -1.65 0.00 | 52.71 -4.09 0.00 | 60.16 -5.59 0.00 | 41.61 -3.92 0.00 | 36.16 -2.23 0.00 | 32.62 -1.90 0.00 | 32.16 -1.84 0.00 | 31.95 -1.89 0.00 | 33.34 -2.01 0.00 | 36.24 -2.40 0.00 | 42.59 -3.01 0.01 | 59.51 -4.68 0.01 | 81.63 -5.67 0.01 | 76.77 -4.47 0.00 | 62.87 -4.88 0.00 | 54.41 -4.86 0.01 | 48.01 -3.67 0.00 | 43.08 -3.95 0.01 | 40.44 -3.14 0.00 |
| SITHE___INDEPEND 23800 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.48 -1.21 0.00 | 33.01 -1.16 0.00 | 34.42 -1.25 0.00 | 38.03 -1.38 0.00 | 54.64 -2.16 0.00 | 63.25 -2.50 0.00 | 43.70 -1.82 0.00 | 36.89 -1.50 0.00 | 33.28 -1.24 0.00 | 32.77 -1.22 0.00 | 32.62 -1.22 0.00 | 34.04 -1.31 0.00 | 37.13 -1.51 0.00 | 43.92 -1.69 0.00 | 61.58 -2.63 0.00 | 83.83 -3.49 0.00 | 78.07 -3.17 0.00 | 65.04 -2.71 0.00 | 56.79 -2.49 0.00 | 49.62 -2.07 0.00 | 45.03 -2.02 0.00 | 41.75 -1.83 0.00 |
| SITHE___MASSENA 23902 | 38.44 0.23 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.38 0.21 0.00 | 35.85 0.18 0.00 | 39.65 0.24 0.00 | 57.48 0.68 0.00 | 66.28 0.52 0.00 | 45.93 0.41 0.00 | 38.58 0.19 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 33.88 0.03 0.00 | 35.35 0.00 0.00 | 38.71 0.08 0.00 | 45.70 0.09 0.00 | 64.66 0.45 0.00 | 87.76 0.44 0.00 | 82.13 0.90 0.00 | 68.49 0.75 0.00 | 60.11 0.83 0.00 | 52.51 0.82 0.00 | 47.99 0.94 0.00 | 44.54 0.96 0.00 |
| SITHE___OGDNSBRG 24021 | 38.93 0.73 0.00 | 36.17 0.74 0.00 | 35.36 0.66 0.00 | 34.82 0.65 0.00 | 36.38 0.71 0.00 | 40.32 0.91 0.00 | 58.56 1.76 0.00 | 67.40 1.64 0.00 | 46.39 0.86 0.00 | 38.73 0.35 0.00 | 34.76 0.24 0.00 | 34.17 0.17 0.00 | 33.94 0.10 0.00 | 35.42 0.07 0.00 | 38.83 0.19 0.00 | 45.93 0.32 0.00 | 65.37 1.16 0.00 | 88.80 1.48 0.00 | 83.35 2.11 0.00 | 69.65 1.90 0.00 | 61.06 1.78 0.00 | 53.44 1.76 0.00 | 48.93 1.88 0.00 | 45.37 1.79 0.00 |
| SITHE___STERLING 23777 | 38.85 0.65 0.00 | 36.07 0.64 0.00 | 35.32 0.63 0.00 | 34.75 0.58 0.00 | 36.42 0.75 0.00 | 40.40 0.99 0.00 | 58.22 1.42 0.00 | 67.27 1.51 0.00 | 46.25 0.73 0.00 | 38.77 0.38 0.00 | 34.83 0.31 0.00 | 34.27 0.27 0.00 | 34.11 0.27 0.00 | 35.67 0.32 0.00 | 38.94 0.31 0.00 | 46.20 0.59 0.00 | 65.49 1.28 0.00 | 89.24 1.92 0.00 | 83.02 1.78 0.00 | 69.17 1.42 0.00 | 60.35 1.07 0.00 | 52.66 0.98 0.00 | 47.85 0.80 0.00 | 44.28 0.70 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 36.75 -1.45 0.00 | 34.12 -1.31 0.00 | 33.41 -1.28 0.00 | 32.97 -1.20 0.00 | 34.42 -1.25 0.00 | 38.15 -1.26 0.00 | 54.47 -2.33 0.00 | 62.66 -3.09 0.00 | 43.34 -2.19 0.00 | 36.77 -1.61 0.00 | 33.24 -1.28 0.00 | 32.81 -1.19 0.00 | 32.59 -1.25 0.00 | 34.08 -1.27 0.00 | 37.09 -1.55 0.00 | 43.92 -1.69 0.00 | 61.51 -2.70 0.00 | 84.26 -3.06 0.00 | 78.56 -2.68 0.00 | 64.90 -2.85 0.00 | 56.44 -2.85 0.00 | 49.51 -2.17 0.00 | 44.51 -2.54 0.00 | 41.40 -2.18 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 40.57 2.37 0.00 | 37.20 1.77 0.00 | 36.19 1.49 0.00 | 35.54 1.37 0.00 | 37.24 1.57 0.00 | 41.54 2.13 0.00 | 58.34 2.95 1.42 | 66.80 3.81 2.77 | 47.57 2.05 0.01 | 29.21 2.11 11.29 | 36.66 2.14 0.01 | 32.77 2.21 3.44 | 34.86 2.20 1.19 | 37.79 2.44 0.01 | 41.38 2.74 0.00 | 47.36 2.19 0.44 | 64.77 3.47 2.90 | 85.82 4.63 6.12 | 80.81 4.79 5.21 | 68.73 4.40 3.43 | 60.30 3.14 2.12 | 52.79 2.12 1.01 | 46.57 1.36 1.84 | 33.63 1.35 11.30 |
| SOUTH CAIRO___GT 23612 | 40.15 1.95 0.00 | 37.23 1.81 0.00 | 36.47 1.77 0.00 | 35.74 1.57 0.00 | 37.34 1.68 0.00 | 41.35 1.93 0.00 | 59.92 3.12 0.00 | 69.11 3.35 0.00 | 46.43 0.91 0.00 | 38.81 0.42 0.00 | 34.69 0.17 0.00 | 34.06 0.07 0.00 | 34.32 0.47 0.00 | 35.92 0.57 0.00 | 39.37 0.73 0.00 | 46.93 1.32 0.00 | 66.97 2.76 0.00 | 91.68 4.37 0.00 | 85.22 3.98 0.00 | 71.07 3.32 0.00 | 62.25 2.96 0.00 | 53.91 2.22 0.00 | 49.17 2.12 0.00 | 45.33 1.74 0.00 |
| SOUTH HAMPTN___IC 23720 | 40.00 1.80 0.00 | 36.67 1.24 0.00 | 35.60 0.90 0.00 | 34.99 0.82 0.00 | 36.66 1.00 0.00 | 40.91 1.50 0.00 | 58.25 2.10 0.65 | 67.24 2.76 1.28 | 46.70 1.18 0.01 | 31.13 1.34 8.60 | 36.00 1.48 0.01 | 33.01 1.63 2.62 | 34.56 1.62 0.90 | 37.18 1.84 0.01 | 40.60 1.97 0.00 | 46.74 1.42 0.28 | 65.37 2.50 1.34 | 87.63 3.14 2.82 | 81.51 2.68 2.41 | 69.55 3.39 1.58 | 60.50 2.19 0.98 | 52.66 1.45 0.47 | 46.29 0.57 1.32 | 35.59 0.61 8.61 |
| SOUTHDOW_115KV_TB1 355954 | 35.26 -2.94 0.00 | 32.95 -2.48 0.00 | 32.27 -2.43 0.00 | 32.05 -2.12 0.00 | 33.46 -2.21 0.00 | 36.89 -2.52 0.00 | 52.08 -4.71 0.00 | 59.18 -6.58 0.00 | 41.11 -4.42 0.00 | 35.31 -3.07 0.00 | 31.79 -2.73 0.00 | 31.31 -2.69 0.00 | 31.03 -2.81 0.00 | 32.45 -2.90 0.00 | 35.27 -3.36 0.00 | 41.40 -4.20 0.02 | 58.54 -5.65 0.02 | 80.31 -6.99 0.02 | 75.71 -5.52 0.00 | 62.46 -5.28 0.00 | 54.34 -4.92 0.02 | 48.06 -3.62 0.00 | 43.27 -3.76 0.02 | 40.23 -3.36 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 39.89 1.68 0.00 | 36.53 1.10 0.00 | 35.46 0.76 0.00 | 34.85 0.68 0.00 | 36.56 0.89 0.00 | 40.79 1.38 0.00 | 57.90 1.76 0.65 | 66.97 2.50 1.28 | 46.38 0.86 0.01 | 30.83 1.04 8.59 | 35.73 1.21 0.01 | 32.64 1.26 2.62 | 34.16 1.22 0.90 | 36.80 1.45 0.01 | 40.33 1.70 0.00 | 46.47 1.14 0.28 | 65.11 2.25 1.34 | 87.63 3.14 2.83 | 82.15 3.33 2.41 | 69.35 3.18 1.59 | 60.20 1.90 0.98 | 52.19 0.98 0.47 | 45.96 0.24 1.32 | 35.55 0.57 8.60 |
| SOUTHOLD___IC 23719 | 39.88 1.68 0.00 | 36.56 1.13 0.00 | 35.50 0.80 0.00 | 34.85 0.68 0.00 | 36.56 0.89 0.00 | 40.83 1.42 0.00 | 57.96 1.82 0.66 | 66.91 2.43 1.28 | 46.38 0.86 0.01 | 30.79 1.00 8.59 | 35.72 1.21 0.01 | 32.74 1.36 2.62 | 34.26 1.32 0.90 | 36.90 1.55 0.01 | 40.33 1.70 0.00 | 46.47 1.14 0.28 | 65.11 2.25 1.34 | 87.36 2.88 2.83 | 81.26 2.43 2.41 | 69.28 3.12 1.59 | 60.20 1.90 0.98 | 52.35 1.14 0.47 | 45.96 0.24 1.32 | 35.46 0.48 8.60 |
| SOUTH_FORK_WT_PWR 323839 | 39.50 1.30 0.00 | 36.20 0.78 0.00 | 35.15 0.45 0.00 | 34.51 0.34 0.00 | 36.20 0.54 0.00 | 40.44 1.02 0.00 | 57.22 1.08 0.65 | 66.05 1.58 1.28 | 45.79 0.27 0.01 | 30.29 0.50 8.60 | 35.28 0.76 0.01 | 32.26 0.88 2.62 | 33.82 0.88 0.90 | 36.44 1.10 0.01 | 39.83 1.20 0.00 | 45.88 0.55 0.28 | 64.28 1.41 1.34 | 86.24 1.75 2.83 | 80.21 1.38 2.41 | 68.40 2.23 1.58 | 59.42 1.12 0.98 | 51.68 0.46 0.47 | 45.35 -0.38 1.32 | 35.06 0.09 8.61 |
| SPIERFLS_115KV_TB 1 80737 | 39.66 1.45 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.37 1.20 0.00 | 36.95 1.28 0.00 | 41.11 1.69 0.00 | 59.07 2.27 0.00 | 68.32 2.56 0.00 | 46.39 0.86 0.00 | 39.69 1.31 0.00 | 35.45 0.93 0.00 | 34.85 0.85 0.00 | 34.79 0.95 0.00 | 36.45 1.10 0.00 | 39.98 1.35 0.00 | 46.52 0.91 0.00 | 66.14 1.93 0.00 | 90.02 2.71 0.00 | 83.59 2.36 0.00 | 69.78 2.03 0.00 | 61.30 2.02 0.00 | 53.08 1.40 0.00 | 48.46 1.41 0.00 | 44.85 1.26 0.00 |
| ST LAWRENCE____ 23600 | 37.94 -0.27 0.00 | 35.18 -0.25 0.00 | 34.46 -0.24 0.00 | 33.93 -0.24 0.00 | 35.42 -0.25 0.00 | 39.14 -0.27 0.00 | 56.63 -0.17 0.00 | 65.49 -0.26 0.00 | 45.34 -0.18 0.00 | 38.16 -0.23 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.31 0.00 | 35.00 -0.35 0.00 | 38.32 -0.31 0.00 | 45.24 -0.37 0.00 | 63.89 -0.32 0.00 | 86.88 -0.43 0.00 | 81.07 -0.16 0.00 | 67.68 -0.07 0.00 | 59.34 0.06 0.00 | 51.79 0.10 0.00 | 47.24 0.19 0.00 | 43.85 0.26 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 39.54 1.34 0.00 | 36.63 1.20 0.00 | 35.88 1.18 0.00 | 35.30 1.13 0.00 | 36.81 1.14 0.00 | 40.72 1.30 0.00 | 58.67 1.87 0.00 | 67.92 2.17 0.00 | 45.71 0.18 0.00 | 38.58 0.19 0.00 | 34.69 0.17 0.00 | 34.13 0.14 0.00 | 34.55 0.71 0.00 | 36.17 0.81 0.00 | 39.60 0.97 0.00 | 46.75 1.14 0.00 | 65.94 1.73 0.00 | 89.50 2.18 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.71 1.42 0.00 | 52.72 1.03 0.00 | 48.08 1.04 0.00 | 44.45 0.87 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 37.82 -0.38 0.00 | 35.11 -0.32 0.00 | 34.32 -0.38 0.00 | 33.83 -0.34 0.00 | 35.38 -0.29 0.00 | 39.22 -0.20 0.00 | 56.46 -0.34 0.00 | 65.29 -0.46 0.00 | 44.98 -0.55 0.00 | 37.85 -0.54 0.00 | 34.07 -0.45 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.93 -0.42 0.00 | 38.05 -0.58 0.00 | 45.12 -0.50 -0.01 | 63.45 -0.77 -0.01 | 86.80 -0.52 -0.01 | 80.83 -0.41 0.00 | 67.21 -0.54 0.00 | 58.58 -0.71 -0.01 | 51.11 -0.57 0.00 | 46.26 -0.80 -0.01 | 42.84 -0.74 0.00 |
| STATION_5_MISC_HYD 23604 | 36.71 -1.49 0.00 | 33.97 -1.45 0.00 | 33.38 -1.32 0.00 | 33.01 -1.16 0.00 | 34.31 -1.36 0.00 | 37.92 -1.50 0.00 | 53.73 -3.07 0.00 | 61.67 -4.08 0.00 | 42.70 -2.82 0.00 | 36.77 -1.61 0.00 | 33.17 -1.35 0.00 | 32.74 -1.26 0.00 | 32.56 -1.29 0.00 | 33.97 -1.38 0.00 | 36.97 -1.66 0.00 | 43.60 -2.01 0.01 | 60.80 -3.41 0.01 | 83.21 -4.10 0.01 | 77.83 -3.41 0.00 | 64.09 -3.66 0.00 | 55.54 -3.73 0.01 | 48.89 -2.79 0.00 | 43.98 -3.06 0.01 | 41.05 -2.53 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 36.94 -1.26 0.00 | 34.33 -1.10 0.00 | 33.62 -1.08 0.00 | 33.18 -0.99 0.00 | 34.60 -1.07 0.00 | 38.31 -1.10 0.00 | 54.70 -2.10 0.00 | 62.86 -2.89 0.00 | 43.52 -2.00 0.00 | 36.96 -1.42 0.00 | 33.42 -1.10 0.00 | 32.98 -1.02 0.00 | 32.79 -1.05 0.00 | 34.26 -1.10 0.00 | 37.32 -1.31 0.00 | 44.10 -1.51 0.00 | 61.77 -2.44 0.00 | 84.61 -2.71 0.00 | 78.88 -2.36 0.00 | 65.17 -2.57 0.00 | 56.67 -2.61 0.00 | 49.77 -1.91 0.00 | 44.74 -2.31 0.00 | 41.67 -1.92 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 36.49 -1.72 0.00 | 33.94 -1.49 0.00 | 33.28 -1.42 0.00 | 32.87 -1.30 0.00 | 34.17 -1.50 0.00 | 37.80 -1.62 0.00 | 53.56 -3.24 0.00 | 61.35 -4.41 0.00 | 42.66 -2.87 0.00 | 36.43 -1.96 0.00 | 33.04 -1.48 0.00 | 32.60 -1.39 0.00 | 32.42 -1.42 0.00 | 33.83 -1.52 0.00 | 36.82 -1.82 0.00 | 43.41 -2.19 0.01 | 60.61 -3.60 0.01 | 82.94 -4.37 0.01 | 77.50 -3.74 0.00 | 63.89 -3.86 0.00 | 55.48 -3.79 0.01 | 48.89 -2.79 0.00 | 43.84 -3.20 0.01 | 40.92 -2.66 0.00 |
| STA_56___34_KV_BUS2 355983 | 36.49 -1.72 0.00 | 33.94 -1.49 0.00 | 33.28 -1.42 0.00 | 32.87 -1.30 0.00 | 34.17 -1.50 0.00 | 37.80 -1.62 0.00 | 53.56 -3.24 0.00 | 61.35 -4.41 0.00 | 42.66 -2.87 0.00 | 36.43 -1.96 0.00 | 33.04 -1.48 0.00 | 32.60 -1.39 0.00 | 32.42 -1.42 0.00 | 33.83 -1.52 0.00 | 36.82 -1.82 0.00 | 43.41 -2.19 0.01 | 60.61 -3.60 0.01 | 82.94 -4.37 0.01 | 77.50 -3.74 0.00 | 63.89 -3.86 0.00 | 55.48 -3.79 0.01 | 48.89 -2.79 0.00 | 43.84 -3.20 0.01 | 40.92 -2.66 0.00 |
| STA_67___115KV_BK2 355882 | 36.60 -1.60 0.00 | 34.01 -1.42 0.00 | 33.35 -1.35 0.00 | 32.94 -1.23 0.00 | 34.24 -1.43 0.00 | 37.88 -1.54 0.00 | 53.56 -3.24 0.00 | 61.35 -4.41 0.00 | 42.66 -2.87 0.00 | 36.47 -1.92 0.00 | 33.07 -1.45 0.00 | 32.67 -1.33 0.00 | 32.49 -1.35 0.00 | 33.90 -1.45 0.00 | 36.89 -1.74 0.00 | 43.46 -2.14 0.01 | 60.61 -3.60 0.01 | 83.03 -4.28 0.01 | 77.58 -3.66 0.00 | 63.89 -3.86 0.00 | 55.54 -3.73 0.01 | 49.00 -2.69 0.00 | 43.84 -3.20 0.01 | 40.97 -2.61 0.00 |
| STA_7___115KV_9TRANS 80674 | 36.79 -1.41 0.00 | 34.19 -1.24 0.00 | 33.52 -1.18 0.00 | 33.11 -1.06 0.00 | 34.42 -1.25 0.00 | 38.11 -1.30 0.00 | 53.96 -2.84 0.00 | 61.74 -4.01 0.00 | 42.93 -2.59 0.00 | 36.66 -1.73 0.00 | 33.28 -1.24 0.00 | 32.87 -1.12 0.00 | 32.69 -1.15 0.00 | 34.11 -1.24 0.00 | 37.13 -1.51 0.00 | 43.78 -1.82 0.01 | 61.12 -3.08 0.01 | 83.73 -3.58 0.01 | 78.23 -3.01 0.00 | 64.43 -3.32 0.00 | 55.90 -3.38 0.01 | 49.31 -2.38 0.00 | 44.12 -2.92 0.01 | 41.23 -2.35 0.00 |
| STA_82___115KV_TB1 80780 | 36.60 -1.60 0.00 | 34.05 -1.38 0.00 | 33.35 -1.35 0.00 | 32.97 -1.20 0.00 | 34.28 -1.39 0.00 | 37.88 -1.54 0.00 | 53.56 -3.24 0.00 | 61.35 -4.41 0.00 | 42.66 -2.87 0.00 | 36.47 -1.92 0.00 | 33.07 -1.45 0.00 | 32.67 -1.33 0.00 | 32.49 -1.35 0.00 | 33.90 -1.45 0.00 | 36.89 -1.74 0.00 | 43.46 -2.14 0.01 | 60.67 -3.53 0.01 | 83.03 -4.28 0.01 | 77.58 -3.66 0.00 | 63.95 -3.79 0.00 | 55.54 -3.73 0.01 | 49.00 -2.69 0.00 | 43.89 -3.15 0.01 | 41.01 -2.57 0.00 |
| STEEL___WIND 323596 | 35.49 -2.71 0.00 | 32.88 -2.55 0.00 | 32.41 -2.29 0.00 | 32.19 -1.98 0.00 | 33.42 -2.25 0.00 | 36.65 -2.76 0.00 | 51.12 -5.68 0.00 | 58.19 -7.56 0.00 | 40.47 -5.05 0.00 | 35.35 -3.03 0.00 | 31.83 -2.69 0.00 | 31.31 -2.69 0.00 | 31.13 -2.71 0.00 | 32.52 -2.83 0.00 | 35.31 -3.32 0.00 | 41.30 -4.29 0.02 | 57.83 -6.36 0.02 | 78.75 -8.55 0.02 | 74.17 -7.07 0.00 | 61.04 -6.71 0.00 | 53.04 -6.22 0.02 | 46.77 -4.91 0.00 | 42.19 -4.85 0.02 | 39.48 -4.10 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 39.66 1.45 0.00 | 36.74 1.31 0.00 | 35.98 1.28 0.00 | 35.40 1.23 0.00 | 36.92 1.25 0.00 | 40.87 1.46 0.00 | 58.90 2.10 0.00 | 68.18 2.43 0.00 | 45.93 0.41 0.00 | 38.73 0.35 0.00 | 34.80 0.28 0.00 | 34.23 0.24 0.00 | 34.62 0.78 0.00 | 36.20 0.85 0.00 | 39.64 1.00 0.00 | 46.89 1.28 0.00 | 66.26 2.05 0.00 | 90.02 2.71 0.00 | 83.43 2.19 0.00 | 69.71 1.96 0.00 | 61.06 1.78 0.00 | 52.97 1.29 0.00 | 48.37 1.32 0.00 | 44.67 1.09 0.00 |
| STEBEN_REC_LFGE 323667 | 34.96 -3.25 0.00 | 32.59 -2.83 0.00 | 31.99 -2.71 0.00 | 31.74 -2.43 0.00 | 33.17 -2.50 0.00 | 36.81 -2.60 0.00 | 51.97 -4.83 0.00 | 59.97 -5.79 0.00 | 41.24 -4.28 0.00 | 34.89 -3.49 0.00 | 31.38 -3.14 0.00 | 30.87 -3.13 0.00 | 30.56 -3.28 0.00 | 32.06 -3.29 0.00 | 34.88 -3.75 0.00 | 40.81 -4.74 0.06 | 58.12 -6.04 0.06 | 79.75 -7.51 0.06 | 75.22 -6.01 0.00 | 62.19 -5.56 0.00 | 54.07 -5.16 0.06 | 47.65 -4.03 0.00 | 42.80 -4.19 0.06 | 39.97 -3.62 0.00 |
| STILLWATER___SOLAR 323814 | 39.96 1.76 0.00 | 37.06 1.63 0.00 | 36.30 1.60 0.00 | 35.64 1.47 0.00 | 37.20 1.53 0.00 | 41.31 1.89 0.00 | 59.47 2.67 0.00 | 68.78 3.03 0.00 | 46.75 1.23 0.00 | 39.15 0.77 0.00 | 35.04 0.52 0.00 | 34.47 0.48 0.00 | 34.45 0.61 0.00 | 36.06 0.71 0.00 | 39.64 1.00 0.00 | 47.07 1.46 0.00 | 66.71 2.50 0.00 | 90.72 3.40 0.00 | 84.16 2.92 0.00 | 70.32 2.57 0.00 | 61.66 2.37 0.00 | 53.49 1.81 0.00 | 48.79 1.74 0.00 | 45.11 1.52 0.00 |
| STONY___BROOK 24151 | 40.54 2.33 0.00 | 37.20 1.77 0.00 | 36.15 1.46 0.00 | 35.50 1.33 0.00 | 37.16 1.50 0.00 | 41.50 2.09 0.00 | 58.72 2.95 1.03 | 67.49 3.75 2.00 | 47.48 1.96 0.01 | 30.74 2.03 9.68 | 36.62 2.11 0.01 | 33.29 2.24 2.95 | 35.06 2.23 1.02 | 37.82 2.47 0.01 | 41.30 2.66 0.00 | 47.40 2.14 0.35 | 65.51 3.40 2.10 | 87.25 4.36 4.44 | 81.20 3.74 3.78 | 69.54 4.27 2.48 | 60.83 3.08 1.54 | 53.17 2.22 0.73 | 46.82 1.32 1.55 | 35.11 1.22 9.69 |
| STURGEON_POOL_HYD 23609 | 40.65 2.45 0.00 | 37.55 2.13 0.00 | 36.75 2.05 0.00 | 36.08 1.91 0.00 | 37.70 2.03 0.00 | 41.78 2.36 0.00 | 60.32 3.52 0.00 | 70.03 4.27 0.00 | 48.21 2.69 0.00 | 40.57 2.19 0.00 | 36.46 1.93 0.00 | 35.90 1.90 0.00 | 35.67 1.83 0.00 | 37.33 1.98 0.00 | 40.80 2.16 0.00 | 48.07 2.46 0.00 | 67.87 3.66 0.00 | 92.56 5.24 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.60 3.32 0.00 | 54.37 2.69 0.00 | 49.59 2.54 0.00 | 45.72 2.14 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 37.98 -0.23 0.00 | 35.22 -0.21 0.00 | 34.46 -0.24 0.00 | 33.97 -0.20 0.00 | 35.42 -0.25 0.00 | 39.14 -0.27 0.00 | 56.68 -0.11 0.00 | 65.49 -0.26 0.00 | 45.39 -0.14 0.00 | 38.16 -0.23 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.31 0.00 | 35.00 -0.35 0.00 | 38.32 -0.31 0.00 | 45.24 -0.37 0.00 | 63.95 -0.26 0.00 | 86.88 -0.43 0.00 | 81.15 -0.08 0.00 | 67.75 0.00 0.00 | 59.40 0.12 0.00 | 51.84 0.16 0.00 | 47.33 0.28 0.00 | 43.93 0.35 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 37.98 -0.23 0.00 | 35.22 -0.21 0.00 | 34.46 -0.24 0.00 | 33.97 -0.20 0.00 | 35.42 -0.25 0.00 | 39.14 -0.27 0.00 | 56.68 -0.11 0.00 | 65.49 -0.26 0.00 | 45.39 -0.14 0.00 | 38.16 -0.23 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.31 0.00 | 35.00 -0.35 0.00 | 38.32 -0.31 0.00 | 45.24 -0.37 0.00 | 63.95 -0.26 0.00 | 86.88 -0.43 0.00 | 81.15 -0.08 0.00 | 67.75 0.00 0.00 | 59.40 0.12 0.00 | 51.84 0.16 0.00 | 47.33 0.28 0.00 | 43.93 0.35 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 37.94 -0.27 0.00 | 35.18 -0.25 0.00 | 34.46 -0.24 0.00 | 33.93 -0.24 0.00 | 35.42 -0.25 0.00 | 39.14 -0.27 0.00 | 56.63 -0.17 0.00 | 65.49 -0.26 0.00 | 45.34 -0.18 0.00 | 38.16 -0.23 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.31 0.00 | 35.00 -0.35 0.00 | 38.32 -0.31 0.00 | 45.24 -0.37 0.00 | 63.89 -0.32 0.00 | 86.88 -0.43 0.00 | 81.07 -0.16 0.00 | 67.68 -0.07 0.00 | 59.34 0.06 0.00 | 51.79 0.10 0.00 | 47.24 0.19 0.00 | 43.85 0.26 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 37.94 -0.27 0.00 | 35.18 -0.25 0.00 | 34.46 -0.24 0.00 | 33.93 -0.24 0.00 | 35.42 -0.25 0.00 | 39.14 -0.27 0.00 | 56.63 -0.17 0.00 | 65.49 -0.26 0.00 | 45.34 -0.18 0.00 | 38.16 -0.23 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.31 0.00 | 35.00 -0.35 0.00 | 38.32 -0.31 0.00 | 45.24 -0.37 0.00 | 63.89 -0.32 0.00 | 86.88 -0.43 0.00 | 81.07 -0.16 0.00 | 67.68 -0.07 0.00 | 59.34 0.06 0.00 | 51.79 0.10 0.00 | 47.24 0.19 0.00 | 43.85 0.26 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 40.88 2.67 0.00 | 37.73 2.30 0.00 | 36.88 2.19 0.00 | 36.22 2.05 0.00 | 37.84 2.18 0.00 | 42.02 2.60 0.00 | 60.55 3.75 0.00 | 70.49 4.73 0.00 | 48.26 2.73 0.00 | 40.73 2.34 0.00 | 36.63 2.11 0.00 | 36.11 2.11 0.00 | 35.94 2.10 0.00 | 37.58 2.23 0.00 | 41.03 2.40 0.00 | 48.26 2.65 0.00 | 67.61 3.40 0.00 | 92.21 4.89 0.00 | 85.46 4.22 0.00 | 71.14 3.39 0.00 | 62.37 3.08 0.00 | 54.16 2.48 0.00 | 49.31 2.26 0.00 | 45.50 1.92 0.00 |
| SWANROAD_115KV_TB1 355699 | 35.15 -3.06 0.00 | 32.95 -2.48 0.00 | 31.82 -2.88 0.00 | 32.02 -2.15 0.00 | 33.17 -2.50 0.00 | 36.34 -3.07 0.00 | 49.70 -7.10 0.00 | 56.35 -9.40 0.00 | 39.65 -5.87 0.00 | 34.31 -4.07 0.00 | 31.21 -3.31 0.00 | 30.83 -3.16 0.00 | 30.63 -3.22 0.00 | 31.99 -3.36 0.00 | 34.73 -3.90 0.00 | 40.53 -5.06 0.01 | 56.36 -7.83 0.01 | 76.82 -10.48 0.01 | 72.14 -9.10 0.00 | 59.35 -8.40 0.00 | 51.50 -7.77 0.01 | 45.89 -5.79 0.00 | 40.97 -6.07 0.01 | 38.57 -5.01 0.00 |
| SYNERGY___BIOGAS 323694 | 36.41 -1.80 0.00 | 33.97 -1.45 0.00 | 33.10 -1.60 0.00 | 32.97 -1.20 0.00 | 34.24 -1.43 0.00 | 37.80 -1.62 0.00 | 52.71 -4.09 0.00 | 59.90 -5.85 0.00 | 41.75 -3.78 0.00 | 35.85 -2.53 0.00 | 32.55 -1.97 0.00 | 32.16 -1.84 0.00 | 31.95 -1.90 0.00 | 33.34 -2.02 0.00 | 36.20 -2.43 0.00 | 42.54 -3.06 0.01 | 59.51 -4.69 0.01 | 81.63 -5.68 0.01 | 76.61 -4.63 0.00 | 62.87 -4.88 0.00 | 54.47 -4.80 0.01 | 48.32 -3.36 0.00 | 43.08 -3.95 0.01 | 40.44 -3.14 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 37.75 -0.46 0.00 | 35.04 -0.39 0.00 | 34.28 -0.42 0.00 | 33.76 -0.41 0.00 | 35.31 -0.36 0.00 | 39.06 -0.35 0.00 | 56.23 -0.57 0.00 | 65.03 -0.72 0.00 | 44.89 -0.64 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.55 -0.44 0.00 | 33.37 -0.47 0.00 | 34.89 -0.46 0.00 | 38.05 -0.58 0.00 | 45.06 -0.55 0.00 | 63.31 -0.90 0.00 | 86.36 -0.96 0.00 | 80.34 -0.89 0.00 | 66.87 -0.88 0.00 | 58.34 -0.95 0.00 | 50.91 -0.78 0.00 | 46.16 -0.89 0.00 | 42.75 -0.83 0.00 |
| SYRACUSE___POWER 24017 | 37.71 -0.50 0.00 | 35.00 -0.43 0.00 | 34.25 -0.45 0.00 | 33.76 -0.41 0.00 | 35.28 -0.39 0.00 | 39.06 -0.35 0.00 | 56.17 -0.62 0.00 | 65.03 -0.72 0.00 | 44.84 -0.68 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.52 -0.48 0.00 | 33.34 -0.51 0.00 | 34.86 -0.49 0.00 | 38.01 -0.62 0.00 | 45.02 -0.59 0.00 | 63.25 -0.96 0.00 | 86.27 -1.05 0.00 | 80.26 -0.97 0.00 | 66.80 -0.95 0.00 | 58.28 -1.01 0.00 | 50.86 -0.83 0.00 | 46.16 -0.89 0.00 | 42.71 -0.87 0.00 |
| TALLMAN_138KV_BK151 55660 | 41.07 2.87 0.00 | 37.91 2.48 0.00 | 37.02 2.32 0.00 | 36.39 2.22 0.00 | 38.02 2.35 0.00 | 42.21 2.80 0.00 | 60.83 4.03 0.00 | 70.88 5.13 0.00 | 48.58 3.05 0.00 | 41.03 2.65 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.25 2.40 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.58 2.96 0.00 | 68.00 3.79 0.00 | 92.73 5.41 0.00 | 85.87 4.63 0.00 | 71.47 3.73 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| TEALLAVE_115KV_TB7 355573 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.11 -0.59 0.00 | 33.62 -0.55 0.00 | 35.13 -0.54 0.00 | 38.86 -0.55 0.00 | 55.89 -0.91 0.00 | 64.63 -1.12 0.00 | 44.66 -0.86 0.00 | 37.66 -0.73 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.27 -0.58 0.00 | 34.75 -0.60 0.00 | 37.90 -0.73 0.00 | 44.88 -0.73 0.00 | 62.93 -1.28 0.00 | 85.75 -1.57 0.00 | 79.77 -1.46 0.00 | 66.39 -1.35 0.00 | 57.92 -1.36 0.00 | 50.55 -1.14 0.00 | 45.92 -1.13 0.00 | 42.54 -1.05 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 35.84 -2.37 0.00 | 33.48 -1.95 0.00 | 32.55 -2.15 0.00 | 32.53 -1.64 0.00 | 33.71 -1.96 0.00 | 37.09 -2.33 0.00 | 51.40 -5.40 0.00 | 58.32 -7.43 0.00 | 40.83 -4.69 0.00 | 35.20 -3.19 0.00 | 32.00 -2.52 0.00 | 31.58 -2.41 0.00 | 31.37 -2.47 0.00 | 32.77 -2.58 0.00 | 35.58 -3.05 0.00 | 41.72 -3.88 0.01 | 58.16 -6.04 0.01 | 79.53 -7.77 0.01 | 74.66 -6.58 0.00 | 61.38 -6.37 0.00 | 53.22 -6.05 0.01 | 47.29 -4.39 0.00 | 42.19 -4.85 0.01 | 39.62 -3.97 0.00 |
| TEMPLE___115KV_TB 2 55572 | 37.56 -0.65 0.00 | 34.86 -0.57 0.00 | 34.14 -0.56 0.00 | 33.62 -0.55 0.00 | 35.13 -0.54 0.00 | 38.86 -0.55 0.00 | 55.89 -0.91 0.00 | 64.70 -1.05 0.00 | 44.66 -0.86 0.00 | 37.69 -0.69 0.00 | 33.94 -0.59 0.00 | 33.42 -0.58 0.00 | 33.27 -0.58 0.00 | 34.79 -0.57 0.00 | 37.94 -0.70 0.00 | 44.88 -0.73 0.00 | 62.99 -1.22 0.00 | 85.83 -1.48 0.00 | 79.85 -1.38 0.00 | 66.46 -1.29 0.00 | 57.92 -1.36 0.00 | 50.60 -1.09 0.00 | 45.92 -1.13 0.00 | 42.54 -1.05 0.00 |
| TIANA____69_KV_BK 1 55817 | 40.04 1.83 0.00 | 36.67 1.24 0.00 | 35.64 0.94 0.00 | 35.02 0.85 0.00 | 36.70 1.03 0.00 | 40.95 1.54 0.00 | 58.36 2.22 0.65 | 67.43 2.96 1.28 | 46.79 1.27 0.01 | 31.25 1.46 8.59 | 36.07 1.55 0.01 | 32.97 1.60 2.62 | 34.53 1.59 0.90 | 37.15 1.80 0.01 | 40.68 2.05 0.00 | 46.83 1.51 0.28 | 65.43 2.57 1.34 | 88.07 3.58 2.83 | 82.56 3.74 2.41 | 69.69 3.52 1.59 | 60.61 2.31 0.98 | 52.56 1.34 0.47 | 46.39 0.66 1.32 | 35.72 0.74 8.60 |

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| TILDEN___115KV_TB1 80814 | 37.71 -0.50 0.00 | 35.00 -0.43 0.00 | 34.25 -0.45 0.00 | 33.76 -0.41 0.00 | 35.28 -0.39 0.00 | 39.06 -0.35 0.00 | 56.17 -0.62 0.00 | 65.03 -0.72 0.00 | 44.84 -0.68 0.00 | 37.81 -0.58 0.00 | 34.04 -0.48 0.00 | 33.52 -0.48 0.00 | 33.34 -0.51 0.00 | 34.86 -0.49 0.00 | 38.01 -0.62 0.00 | 45.02 -0.59 0.00 | 63.25 -0.96 0.00 | 86.27 -1.05 0.00 | 80.26 -0.97 0.00 | 66.80 -0.95 0.00 | 58.28 -1.01 0.00 | 50.86 -0.83 0.00 | 46.16 -0.89 0.00 | 42.71 -0.87 0.00 |
| TRIGEN___CC 323695 | 40.88 2.67 0.00 | 37.55 2.13 0.00 | 36.61 1.91 0.00 | 35.91 1.74 0.00 | 37.63 1.96 0.00 | 41.90 2.48 0.00 | 60.26 3.46 0.00 | 70.22 4.47 0.00 | 48.11 2.59 0.01 | 40.95 2.57 0.01 | 37.00 2.49 0.01 | 36.58 2.58 0.01 | 36.38 2.54 0.01 | 38.10 2.76 0.01 | 41.57 2.94 0.00 | 48.35 2.74 0.00 | 68.28 4.05 -0.02 | 92.47 5.15 0.00 | 86.37 5.12 -0.02 | 72.51 4.74 -0.02 | 62.92 3.62 -0.02 | 54.39 2.69 -0.02 | 49.03 1.98 0.00 | 45.41 1.83 0.00 |
| TRINITY___115KV___4 BK 55933 | 39.35 1.15 0.00 | 36.45 1.03 0.00 | 35.70 1.01 0.00 | 35.13 0.96 0.00 | 36.63 0.96 0.00 | 40.48 1.06 0.00 | 58.28 1.48 0.00 | 67.53 1.78 0.00 | 45.52 0.00 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 34.03 0.03 0.00 | 34.45 0.61 0.00 | 36.02 0.67 0.00 | 39.44 0.81 0.00 | 46.52 0.91 0.00 | 65.69 1.48 0.00 | 89.15 1.83 0.00 | 82.62 1.38 0.00 | 69.04 1.29 0.00 | 60.47 1.19 0.00 | 52.51 0.83 0.00 | 47.94 0.89 0.00 | 44.32 0.74 0.00 |
| UNION___PROCESSING_DRP 323587 | 36.60 -1.60 0.00 | 34.05 -1.38 0.00 | 33.38 -1.32 0.00 | 32.97 -1.20 0.00 | 34.28 -1.39 0.00 | 37.88 -1.54 0.00 | 53.62 -3.18 0.00 | 61.35 -4.41 0.00 | 42.70 -2.82 0.00 | 36.47 -1.92 0.00 | 33.11 -1.42 0.00 | 32.67 -1.33 0.00 | 32.49 -1.35 0.00 | 33.90 -1.45 0.00 | 36.89 -1.74 0.00 | 43.46 -2.14 0.01 | 60.67 -3.53 0.01 | 83.03 -4.28 0.01 | 77.58 -3.66 0.00 | 63.95 -3.79 0.00 | 55.54 -3.73 0.01 | 49.00 -2.69 0.00 | 43.89 -3.15 0.01 | 41.01 -2.57 0.00 |
| UPPER HUDSON___HYD 24058 | 39.66 1.45 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.36 1.20 0.00 | 36.95 1.28 0.00 | 41.11 1.69 0.00 | 59.07 2.27 0.00 | 68.31 2.56 0.00 | 46.39 0.86 0.00 | 38.66 0.27 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.94 0.10 0.00 | 35.53 0.18 0.00 | 39.06 0.43 0.00 | 46.52 0.91 0.00 | 66.13 1.92 0.00 | 90.03 2.71 0.00 | 83.59 2.36 0.00 | 69.78 2.03 0.00 | 61.30 2.02 0.00 | 53.13 1.45 0.00 | 48.46 1.41 0.00 | 44.85 1.26 0.00 |
| UPPER RAQUET___HYD 24056 | 38.47 0.27 0.00 | 35.71 0.28 0.00 | 34.91 0.21 0.00 | 34.41 0.24 0.00 | 35.92 0.25 0.00 | 39.73 0.31 0.00 | 57.65 0.85 0.00 | 66.41 0.66 0.00 | 45.89 0.36 0.00 | 38.46 0.08 0.00 | 34.56 0.03 0.00 | 33.96 -0.03 0.00 | 33.74 -0.10 0.00 | 35.18 -0.18 0.00 | 38.56 -0.08 0.00 | 45.61 0.00 0.00 | 64.47 0.26 0.00 | 87.14 -0.17 0.00 | 81.81 0.57 0.00 | 68.29 0.54 0.00 | 59.94 0.65 0.00 | 52.66 0.98 0.00 | 48.32 1.27 0.00 | 44.80 1.22 0.00 |
| VALLEY44_115KV_TB2 355964 | 35.65 -2.56 0.00 | 33.23 -2.20 0.00 | 32.55 -2.15 0.00 | 32.29 -1.88 0.00 | 33.60 -2.07 0.00 | 37.01 -2.40 0.00 | 52.08 -4.71 0.00 | 58.91 -6.84 0.00 | 40.83 -4.69 0.00 | 35.12 -3.26 0.00 | 31.72 -2.80 0.00 | 31.24 -2.75 0.00 | 31.00 -2.84 0.00 | 32.45 -2.90 0.00 | 35.23 -3.40 0.00 | 41.30 -4.29 0.02 | 58.60 -5.59 0.02 | 79.53 -7.77 0.02 | 74.74 -6.50 0.00 | 61.52 -6.23 0.00 | 53.69 -5.57 0.02 | 47.24 -4.44 0.00 | 42.70 -4.33 0.02 | 39.66 -3.92 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 39.16 0.96 0.00 | 36.31 0.89 0.00 | 35.57 0.87 0.00 | 34.99 0.82 0.00 | 36.59 0.93 0.00 | 40.56 1.14 0.00 | 58.28 1.48 0.00 | 67.40 1.64 0.00 | 46.48 0.96 0.00 | 39.08 0.69 0.00 | 35.14 0.62 0.00 | 34.64 0.65 0.00 | 34.49 0.64 0.00 | 36.02 0.67 0.00 | 39.37 0.73 0.00 | 46.61 1.00 0.00 | 65.82 1.61 0.00 | 89.50 2.18 0.00 | 83.35 2.11 0.00 | 69.65 1.90 0.00 | 60.94 1.66 0.00 | 53.28 1.60 0.00 | 48.60 1.55 0.00 | 45.06 1.48 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 39.70 1.49 0.00 | 36.84 1.42 0.00 | 36.09 1.39 0.00 | 35.47 1.30 0.00 | 37.13 1.46 0.00 | 41.23 1.81 0.00 | 59.24 2.44 0.00 | 68.58 2.83 0.00 | 47.07 1.55 0.00 | 39.50 1.11 0.00 | 35.56 1.04 0.00 | 34.98 0.99 0.00 | 34.82 0.98 0.00 | 36.34 0.99 0.00 | 39.68 1.04 0.00 | 47.07 1.46 0.00 | 66.71 2.50 0.00 | 90.72 3.41 0.00 | 84.24 3.01 0.00 | 70.25 2.51 0.00 | 61.36 2.07 0.00 | 53.49 1.81 0.00 | 48.65 1.60 0.00 | 44.98 1.39 0.00 |
| VISCHER___FERRY HYD 24020 | 39.77 1.57 0.00 | 36.85 1.42 0.00 | 36.09 1.39 0.00 | 35.50 1.33 0.00 | 37.06 1.39 0.00 | 41.03 1.62 0.00 | 59.07 2.27 0.00 | 68.38 2.63 0.00 | 46.52 1.00 0.00 | 39.11 0.73 0.00 | 35.07 0.55 0.00 | 34.51 0.51 0.00 | 34.65 0.81 0.00 | 36.24 0.88 0.00 | 39.79 1.16 0.00 | 47.07 1.46 0.00 | 66.39 2.18 0.00 | 90.20 2.88 0.00 | 83.51 2.27 0.00 | 69.85 2.10 0.00 | 61.24 1.95 0.00 | 53.08 1.40 0.00 | 48.51 1.46 0.00 | 44.89 1.31 0.00 |
| V_A_10_SYNC_DSASP 323832 | 35.68 -2.52 0.00 | 33.30 -2.13 0.00 | 32.65 -2.05 0.00 | 32.29 -1.88 0.00 | 33.49 -2.18 0.00 | 36.85 -2.56 0.00 | 51.46 -5.34 0.00 | 58.58 -7.17 0.00 | 41.11 -4.42 0.00 | 35.39 -2.99 0.00 | 32.17 -2.35 0.00 | 31.79 -2.21 0.00 | 31.58 -2.27 0.00 | 32.95 -2.40 0.00 | 35.77 -2.86 0.00 | 41.95 -3.65 0.01 | 58.23 -5.97 0.01 | 79.53 -7.77 0.01 | 74.49 -6.74 0.00 | 61.45 -6.30 0.00 | 53.28 -5.99 0.01 | 47.29 -4.39 0.00 | 42.24 -4.80 0.01 | 39.62 -3.97 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 38.13 -0.08 0.00 | 35.36 -0.07 0.00 | 34.59 -0.10 0.00 | 34.10 -0.07 0.00 | 35.56 -0.11 0.00 | 39.34 -0.08 0.00 | 56.97 0.17 0.00 | 65.82 0.07 0.00 | 45.57 0.05 0.00 | 38.31 -0.08 0.00 | 34.42 -0.10 0.00 | 33.86 -0.14 0.00 | 33.67 -0.17 0.00 | 35.14 -0.21 0.00 | 38.48 -0.15 0.00 | 45.38 -0.23 0.00 | 64.27 0.06 0.00 | 87.23 -0.09 0.00 | 81.48 0.24 0.00 | 67.95 0.20 0.00 | 59.64 0.36 0.00 | 52.04 0.36 0.00 | 47.52 0.47 0.00 | 44.11 0.52 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.70 -0.82 0.00 | 37.46 -0.92 0.00 | 33.62 -0.90 0.00 | 33.01 -0.99 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.18 -1.03 0.00 | 85.83 -1.48 0.00 | 80.50 -0.73 0.00 | 67.21 -0.54 0.00 | 59.05 -0.24 0.00 | 51.58 -0.10 0.00 | 47.19 0.14 0.00 | 43.89 0.31 0.00 |
| V_D_10_SYNC_DSASP 323841 | 38.43 0.23 0.00 | 35.64 0.21 0.00 | 34.87 0.17 0.00 | 34.37 0.21 0.00 | 35.85 0.18 0.00 | 39.65 0.24 0.00 | 57.48 0.68 0.00 | 66.34 0.59 0.00 | 45.93 0.41 0.00 | 38.58 0.19 0.00 | 34.66 0.14 0.00 | 34.10 0.10 0.00 | 33.88 0.03 0.00 | 35.35 0.00 0.00 | 38.71 0.08 0.00 | 45.70 0.09 0.00 | 64.72 0.51 0.00 | 87.75 0.44 0.00 | 82.05 0.81 0.00 | 68.49 0.75 0.00 | 60.11 0.83 0.00 | 52.51 0.83 0.00 | 47.99 0.94 0.00 | 44.54 0.96 0.00 |
| V_E_10_SYNC_DSASP 323830 | 39.27 1.07 0.00 | 36.60 1.17 0.00 | 35.77 1.08 0.00 | 35.13 0.96 0.00 | 37.06 1.39 0.00 | 41.42 2.01 0.00 | 59.70 2.90 0.00 | 68.84 3.09 0.00 | 46.89 1.37 0.00 | 38.85 0.46 0.00 | 34.87 0.35 0.00 | 34.17 0.17 0.00 | 33.98 0.14 0.00 | 35.53 0.18 0.00 | 38.86 0.23 0.00 | 46.63 1.00 -0.02 | 67.25 3.02 -0.02 | 92.23 4.89 -0.02 | 85.95 4.71 0.00 | 71.61 3.86 0.00 | 62.27 2.96 -0.02 | 54.27 2.58 0.00 | 49.28 2.21 -0.02 | 45.59 2.00 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 40.00 1.80 0.00 | 37.06 1.63 0.00 | 36.29 1.60 0.00 | 35.67 1.50 0.00 | 37.24 1.57 0.00 | 41.35 1.93 0.00 | 59.52 2.73 0.00 | 68.84 3.09 0.00 | 46.84 1.32 0.00 | 39.54 1.15 0.00 | 35.38 0.86 0.00 | 34.81 0.82 0.00 | 34.79 0.95 0.00 | 36.41 1.06 0.00 | 39.95 1.31 0.00 | 47.12 1.51 0.00 | 66.78 2.57 0.00 | 90.81 3.49 0.00 | 84.24 3.01 0.00 | 70.39 2.64 0.00 | 61.66 2.37 0.00 | 53.49 1.81 0.00 | 48.84 1.79 0.00 | 45.15 1.57 0.00 |
| V_F_30_SYNC_DSASP 323786 | 39.54 1.34 0.00 | 36.63 1.20 0.00 | 35.88 1.18 0.00 | 35.30 1.13 0.00 | 36.81 1.14 0.00 | 40.68 1.26 0.00 | 58.62 1.82 0.00 | 67.92 2.17 0.00 | 45.71 0.18 0.00 | 38.58 0.19 0.00 | 34.69 0.17 0.00 | 34.13 0.14 0.00 | 34.55 0.71 0.00 | 36.17 0.81 0.00 | 39.60 0.97 0.00 | 46.75 1.14 0.00 | 65.94 1.73 0.00 | 89.50 2.18 0.00 | 82.94 1.71 0.00 | 69.31 1.56 0.00 | 60.71 1.42 0.00 | 52.72 1.03 0.00 | 48.08 1.04 0.00 | 44.45 0.87 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 37.21 -0.99 0.00 | 34.47 -0.96 0.00 | 33.69 -1.01 0.00 | 33.21 -0.96 0.00 | 34.67 -1.00 0.00 | 38.39 -1.02 0.00 | 55.78 -1.02 0.00 | 64.44 -1.32 0.00 | 44.70 -0.82 0.00 | 37.46 -0.92 0.00 | 33.62 -0.90 0.00 | 33.01 -0.99 0.00 | 32.79 -1.05 0.00 | 34.22 -1.13 0.00 | 37.55 -1.08 0.00 | 44.38 -1.23 0.00 | 63.18 -1.03 0.00 | 85.83 -1.48 0.00 | 80.50 -0.73 0.00 | 67.21 -0.54 0.00 | 59.05 -0.24 0.00 | 51.58 -0.10 0.00 | 47.19 0.14 0.00 | 43.89 0.31 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 41.11 2.90 0.00 | 37.69 2.27 0.00 | 36.68 1.98 0.00 | 36.01 1.85 0.00 | 37.77 2.10 0.00 | 42.09 2.68 0.00 | 60.39 3.98 0.38 | 69.93 4.93 0.75 | 48.20 2.69 0.01 | 40.28 2.61 0.72 | 37.11 2.59 0.01 | 36.46 2.69 0.22 | 36.40 2.64 0.08 | 38.25 2.90 0.01 | 41.88 3.25 0.00 | 48.47 2.92 0.06 | 67.86 4.43 0.78 | 91.60 5.94 1.66 | 85.76 5.93 1.41 | 72.18 5.35 0.92 | 62.80 4.09 0.57 | 54.41 3.00 0.27 | 49.14 2.26 0.17 | 44.96 2.09 0.71 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 41.19 2.98 0.00 | 38.01 2.59 0.00 | 37.16 2.46 0.00 | 36.49 2.32 0.00 | 38.13 2.46 0.00 | 42.33 2.92 0.00 | 61.06 4.26 0.00 | 71.14 5.39 0.00 | 48.76 3.23 0.00 | 41.15 2.76 0.00 | 37.04 2.52 0.00 | 36.51 2.52 0.00 | 36.35 2.50 0.00 | 38.01 2.65 0.00 | 41.53 2.90 0.00 | 48.80 3.19 0.00 | 68.32 4.11 0.00 | 93.17 5.85 0.00 | 86.27 5.04 0.00 | 71.88 4.13 0.00 | 62.96 3.68 0.00 | 54.68 3.00 0.00 | 49.78 2.73 0.00 | 45.89 2.31 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 41.45 3.25 0.00 | 38.23 2.80 0.00 | 37.34 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.57 3.15 0.00 | 61.34 4.54 0.00 | 71.54 5.79 0.00 | 49.17 3.64 0.00 | 41.61 3.22 0.00 | 37.50 2.97 0.00 | 36.99 2.99 0.00 | 36.79 2.94 0.00 | 38.50 3.15 0.00 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.70 4.49 0.00 | 93.61 6.29 0.00 | 86.60 5.36 0.00 | 72.15 4.40 0.00 | 63.26 3.97 0.00 | 54.89 3.20 0.00 | 50.01 2.96 0.00 | 46.15 2.57 0.00 |
| W50THST__13_KV_LOAD 356117 | 41.57 3.36 0.00 | 38.37 2.94 0.00 | 37.47 2.78 0.00 | 36.80 2.63 0.00 | 38.45 2.78 0.00 | 42.69 3.27 0.00 | 61.57 4.77 0.00 | 71.80 6.05 0.00 | 49.40 3.87 0.00 | 41.81 3.42 0.00 | 37.67 3.14 0.00 | 37.16 3.16 0.00 | 36.96 3.11 0.00 | 38.68 3.32 0.00 | 42.19 3.55 0.00 | 49.44 3.83 0.00 | 69.03 4.82 0.00 | 94.04 6.72 0.00 | 87.00 5.77 0.00 | 72.42 4.67 0.00 | 63.49 4.21 0.00 | 55.09 3.41 0.00 | 50.20 3.15 0.00 | 46.33 2.75 0.00 |
| WADING RIVER_IC_1 23522 | 39.77 1.57 0.00 | 36.49 1.06 0.00 | 35.43 0.73 0.00 | 34.78 0.62 0.00 | 36.45 0.78 0.00 | 40.71 1.30 0.00 | 57.97 1.82 0.65 | 66.99 2.50 1.26 | 46.52 1.00 0.01 | 31.03 1.26 8.62 | 35.86 1.35 0.01 | 32.86 1.49 2.63 | 34.46 1.52 0.91 | 37.04 1.70 0.01 | 40.45 1.82 0.00 | 46.51 1.18 0.28 | 65.00 2.12 1.32 | 87.15 2.62 2.79 | 81.05 2.19 2.38 | 69.16 2.98 1.56 | 60.21 1.90 0.97 | 52.41 1.19 0.46 | 46.10 0.37 1.33 | 35.34 0.39 8.63 |
| WADING RIVER_IC_2 23547 | 39.77 1.57 0.00 | 36.49 1.06 0.00 | 35.43 0.73 0.00 | 34.78 0.62 0.00 | 36.45 0.78 0.00 | 40.71 1.30 0.00 | 57.97 1.82 0.65 | 66.99 2.50 1.26 | 46.52 1.00 0.01 | 31.03 1.26 8.62 | 35.86 1.35 0.01 | 32.86 1.49 2.63 | 34.46 1.52 0.91 | 37.04 1.70 0.01 | 40.45 1.82 0.00 | 46.51 1.18 0.28 | 65.00 2.12 1.32 | 87.15 2.62 2.79 | 81.05 2.19 2.38 | 69.16 2.98 1.56 | 60.21 1.90 0.97 | 52.41 1.19 0.46 | 46.10 0.37 1.33 | 35.34 0.39 8.63 |
| WADING RIVER_IC_3 23601 | 39.77 1.57 0.00 | 36.49 1.06 0.00 | 35.43 0.73 0.00 | 34.78 0.62 0.00 | 36.45 0.78 0.00 | 40.71 1.30 0.00 | 57.97 1.82 0.65 | 66.99 2.50 1.26 | 46.52 1.00 0.01 | 31.03 1.26 8.62 | 35.86 1.35 0.01 | 32.86 1.49 2.63 | 34.46 1.52 0.91 | 37.04 1.70 0.01 | 40.45 1.82 0.00 | 46.51 1.18 0.28 | 65.00 2.12 1.32 | 87.15 2.62 2.79 | 81.05 2.19 2.38 | 69.16 2.98 1.56 | 60.21 1.90 0.97 | 52.41 1.19 0.46 | 46.10 0.37 1.33 | 35.34 0.39 8.63 |
| WALDENNY_12_KV_BK2 80841 | 35.49 -2.71 0.00 | 33.16 -2.27 0.00 | 32.41 -2.29 0.00 | 32.26 -1.91 0.00 | 33.46 -2.21 0.00 | 36.77 -2.64 0.00 | 51.12 -5.68 0.00 | 57.93 -7.82 0.00 | 40.61 -4.92 0.00 | 35.04 -3.34 0.00 | 31.79 -2.73 0.00 | 31.38 -2.62 0.00 | 31.17 -2.67 0.00 | 32.59 -2.76 0.00 | 35.39 -3.25 0.00 | 41.35 -4.24 0.02 | 57.96 -6.23 0.02 | 78.92 -8.38 0.02 | 74.17 -7.07 0.00 | 61.11 -6.64 0.00 | 53.04 -6.22 0.02 | 47.08 -4.60 0.00 | 42.23 -4.80 0.02 | 39.49 -4.10 0.00 |
| WALDEN___HYDRO 24148 | 40.96 2.75 0.00 | 37.84 2.41 0.00 | 36.99 2.29 0.00 | 36.32 2.15 0.00 | 37.95 2.28 0.00 | 42.13 2.72 0.00 | 60.77 3.98 0.00 | 70.68 4.93 0.00 | 48.39 2.87 0.00 | 40.76 2.38 0.00 | 36.66 2.14 0.00 | 36.14 2.14 0.00 | 35.97 2.13 0.00 | 37.61 2.26 0.00 | 41.10 2.47 0.00 | 48.39 2.78 0.00 | 67.93 3.72 0.00 | 92.64 5.33 0.00 | 85.87 4.63 0.00 | 71.54 3.79 0.00 | 62.66 3.38 0.00 | 54.42 2.74 0.00 | 49.54 2.49 0.00 | 45.72 2.14 0.00 |
| WARRENSBURG____ 23737 | 39.66 1.45 0.00 | 36.77 1.35 0.00 | 36.02 1.32 0.00 | 35.37 1.20 0.00 | 36.95 1.28 0.00 | 41.11 1.69 0.00 | 59.07 2.27 0.00 | 68.32 2.56 0.00 | 46.39 0.86 0.00 | 39.69 1.31 0.00 | 35.45 0.93 0.00 | 34.85 0.85 0.00 | 34.79 0.95 0.00 | 36.45 1.10 0.00 | 39.98 1.35 0.00 | 46.52 0.91 0.00 | 66.14 1.93 0.00 | 90.02 2.71 0.00 | 83.59 2.36 0.00 | 69.78 2.03 0.00 | 61.30 2.02 0.00 | 53.08 1.40 0.00 | 48.46 1.41 0.00 | 44.85 1.26 0.00 |
| WATERSIDE___6 8 9 23538 | 41.65 3.44 -0.01 | 38.41 2.98 -0.01 | 37.52 2.81 -0.01 | 36.83 2.67 0.00 | 38.49 2.82 0.00 | 42.61 3.19 0.00 | 61.06 4.26 0.00 | 71.07 5.33 0.01 | 49.03 3.51 -0.01 | 41.58 3.19 -0.01 | 37.46 2.93 -0.01 | 36.96 2.96 -0.01 | 36.79 2.94 -0.01 | 38.50 3.15 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 68.25 4.05 0.01 | 92.98 5.68 0.01 | 86.10 4.87 0.01 | 71.67 3.93 0.01 | 62.96 3.68 0.00 | 54.78 3.10 0.00 | 50.15 3.11 0.00 | 46.37 2.79 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 38.97 0.76 0.00 | 36.14 0.71 0.00 | 35.39 0.69 0.00 | 34.85 0.68 0.00 | 36.42 0.75 0.00 | 40.32 0.91 0.00 | 57.93 1.14 0.00 | 67.07 1.32 0.00 | 46.25 0.73 0.00 | 38.96 0.58 0.00 | 35.04 0.52 0.00 | 34.54 0.54 0.00 | 34.38 0.54 0.00 | 35.92 0.57 0.00 | 39.21 0.58 0.00 | 46.43 0.82 0.00 | 65.49 1.28 0.00 | 89.06 1.75 0.00 | 82.86 1.62 0.00 | 69.17 1.42 0.00 | 60.53 1.24 0.00 | 52.87 1.19 0.00 | 48.18 1.13 0.00 | 44.63 1.05 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 41.07 2.87 0.00 | 37.94 2.52 0.00 | 37.09 2.39 0.00 | 36.39 2.22 0.00 | 38.06 2.39 0.00 | 42.29 2.88 0.00 | 61.11 4.31 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 40.77 2.38 0.00 | 36.63 2.11 0.00 | 36.07 2.07 0.00 | 35.91 2.06 0.00 | 37.54 2.19 0.00 | 40.99 2.36 0.00 | 48.44 2.83 0.00 | 68.45 4.24 0.00 | 93.52 6.20 0.00 | 86.68 5.44 0.00 | 72.22 4.47 0.00 | 63.26 3.97 0.00 | 54.94 3.26 0.00 | 49.97 2.92 0.00 | 46.02 2.44 0.00 |
| WEST BABYLON___IC 23714 | 41.11 2.90 0.00 | 37.69 2.27 0.00 | 36.68 1.98 0.00 | 36.01 1.85 0.00 | 37.77 2.10 0.00 | 42.09 2.68 0.00 | 60.39 3.98 0.38 | 69.93 4.93 0.75 | 48.20 2.69 0.01 | 40.28 2.61 0.72 | 37.11 2.59 0.01 | 36.46 2.69 0.22 | 36.40 2.64 0.08 | 38.25 2.90 0.01 | 41.88 3.25 0.00 | 48.47 2.92 0.06 | 67.86 4.43 0.78 | 91.60 5.94 1.66 | 85.76 5.93 1.41 | 72.18 5.35 0.92 | 62.80 4.09 0.57 | 54.41 3.00 0.27 | 49.14 2.26 0.17 | 44.96 2.09 0.71 |
| WEST CANADA___HYD 24049 | 38.40 0.19 0.00 | 35.61 0.18 0.00 | 34.91 0.21 0.00 | 34.34 0.17 0.00 | 35.88 0.22 0.00 | 39.65 0.24 0.00 | 57.08 0.29 0.00 | 66.15 0.40 0.00 | 45.66 0.14 0.00 | 38.46 0.08 0.00 | 34.63 0.10 0.00 | 34.10 0.10 0.00 | 33.94 0.10 0.00 | 35.46 0.11 0.00 | 38.75 0.12 0.00 | 45.79 0.18 0.00 | 64.47 0.26 0.00 | 87.67 0.35 0.00 | 81.48 0.24 0.00 | 67.95 0.20 0.00 | 59.46 0.18 0.00 | 51.84 0.16 0.00 | 47.19 0.14 0.00 | 43.71 0.13 0.00 |
| WESTERN_NY_WIND 24143 | 36.37 -1.83 0.00 | 33.94 -1.49 0.00 | 33.03 -1.67 0.00 | 32.94 -1.23 0.00 | 34.17 -1.50 0.00 | 37.72 -1.69 0.00 | 52.54 -4.26 0.00 | 59.70 -6.05 0.00 | 41.65 -3.87 0.00 | 35.77 -2.61 0.00 | 32.48 -2.04 0.00 | 32.09 -1.90 0.00 | 31.88 -1.96 0.00 | 33.26 -2.09 0.00 | 36.12 -2.51 0.00 | 42.45 -3.15 0.01 | 59.32 -4.88 0.01 | 81.45 -5.85 0.01 | 76.44 -4.79 0.00 | 62.67 -5.08 0.00 | 54.35 -4.92 0.01 | 48.22 -3.46 0.00 | 42.99 -4.05 0.01 | 40.36 -3.23 0.00 |
| WESTOVER___LESR 323668 | 38.17 -0.04 0.00 | 35.43 0.00 0.00 | 34.70 0.00 0.00 | 34.20 0.03 0.00 | 35.74 0.07 0.00 | 39.53 0.12 0.00 | 56.63 -0.17 0.00 | 65.42 -0.33 0.00 | 45.07 -0.46 0.00 | 38.08 -0.31 0.00 | 34.28 -0.24 0.00 | 33.72 -0.27 0.00 | 33.54 -0.30 0.00 | 35.10 -0.25 0.00 | 38.28 -0.35 0.00 | 45.20 -0.41 0.00 | 63.63 -0.58 0.00 | 86.70 -0.61 0.00 | 80.75 -0.49 0.00 | 67.14 -0.61 0.00 | 58.63 -0.65 0.00 | 51.22 -0.47 0.00 | 46.39 -0.66 0.00 | 43.02 -0.57 0.00 |
| WETHRSFD_WT_PWR 323626 | 34.92 -3.29 0.00 | 32.38 -3.05 0.00 | 32.06 -2.64 0.00 | 31.81 -2.36 0.00 | 33.07 -2.60 0.00 | 36.42 -3.00 0.00 | 50.95 -5.85 0.00 | 58.32 -7.43 0.00 | 40.15 -5.37 0.00 | 34.70 -3.69 0.00 | 31.17 -3.35 0.00 | 30.67 -3.33 0.00 | 30.43 -3.42 0.00 | 31.82 -3.53 0.00 | 34.58 -4.06 0.00 | 40.48 -5.11 0.03 | 57.19 -7.00 0.03 | 78.03 -9.26 0.03 | 73.60 -7.64 0.00 | 60.77 -6.98 0.00 | 52.85 -6.40 0.03 | 46.51 -5.17 0.00 | 41.94 -5.08 0.03 | 39.27 -4.32 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.21 2.37 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.58 2.96 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.60 3.32 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.67 2.09 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 41.03 2.83 0.00 | 37.87 2.44 0.00 | 37.02 2.32 0.00 | 36.36 2.19 0.00 | 37.99 2.32 0.00 | 42.17 2.76 0.00 | 60.77 3.98 0.00 | 70.81 5.06 0.00 | 48.53 3.00 0.00 | 41.00 2.61 0.00 | 36.94 2.42 0.00 | 36.41 2.41 0.00 | 36.21 2.37 0.00 | 37.90 2.55 0.00 | 41.38 2.74 0.00 | 48.58 2.96 0.00 | 68.00 3.79 0.00 | 92.64 5.33 0.00 | 85.79 4.55 0.00 | 71.47 3.73 0.00 | 62.60 3.32 0.00 | 54.37 2.69 0.00 | 49.54 2.49 0.00 | 45.67 2.09 0.00 |
| WHITEHAL_115KV_TB1 80871 | 40.34 2.14 0.00 | 37.45 2.02 0.00 | 36.64 1.94 0.00 | 35.95 1.78 0.00 | 37.56 1.89 0.00 | 41.90 2.48 0.00 | 60.32 3.52 0.00 | 69.70 3.95 0.00 | 47.07 1.55 0.00 | 40.00 1.61 0.00 | 35.70 1.17 0.00 | 35.05 1.05 0.00 | 34.99 1.15 0.00 | 36.70 1.34 0.00 | 40.29 1.66 0.00 | 47.16 1.55 0.00 | 67.29 3.08 0.00 | 91.86 4.54 0.00 | 85.38 4.14 0.00 | 71.20 3.46 0.00 | 62.49 3.20 0.00 | 54.11 2.43 0.00 | 49.36 2.31 0.00 | 45.59 2.00 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 41.41 3.21 0.00 | 38.23 2.80 0.00 | 37.34 2.64 0.00 | 36.66 2.49 0.00 | 38.31 2.64 0.00 | 42.49 3.07 0.00 | 61.40 4.60 0.00 | 71.41 5.65 0.00 | 49.08 3.55 0.00 | 41.46 3.07 0.00 | 37.39 2.87 0.00 | 36.85 2.86 0.00 | 36.69 2.84 0.00 | 38.32 2.97 0.00 | 41.88 3.25 0.00 | 49.12 3.51 0.00 | 68.90 4.69 0.00 | 93.87 6.55 0.00 | 86.92 5.69 0.00 | 72.36 4.61 0.00 | 63.37 4.09 0.00 | 54.99 3.31 0.00 | 50.01 2.96 0.00 | 46.15 2.57 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 40.19 1.99 0.00 | 36.81 1.38 0.00 | 35.81 1.11 0.00 | 35.19 1.03 0.00 | 36.84 1.18 0.00 | 41.15 1.73 0.00 | 58.54 2.44 0.70 | 67.61 3.22 1.37 | 47.07 1.55 0.01 | 31.57 1.69 8.50 | 36.24 1.73 0.01 | 33.17 1.77 2.59 | 34.71 1.76 0.89 | 37.36 2.02 0.01 | 40.83 2.20 0.00 | 47.01 1.69 0.29 | 65.53 2.76 1.44 | 88.13 3.84 3.03 | 82.63 3.98 2.58 | 69.78 3.73 1.70 | 60.72 2.49 1.05 | 52.78 1.60 0.50 | 46.62 0.89 1.32 | 35.99 0.92 8.51 |
| WOODARD___115KV_TB2 355635 | 37.52 -0.69 0.00 | 34.82 -0.60 0.00 | 34.07 -0.62 0.00 | 33.59 -0.58 0.00 | 35.10 -0.57 0.00 | 38.82 -0.59 0.00 | 55.78 -1.02 0.00 | 64.57 -1.18 0.00 | 44.57 -0.96 0.00 | 37.62 -0.77 0.00 | 33.87 -0.66 0.00 | 33.38 -0.61 0.00 | 33.20 -0.64 0.00 | 34.72 -0.64 0.00 | 37.86 -0.77 0.00 | 44.79 -0.82 0.00 | 62.86 -1.35 0.00 | 85.66 -1.66 0.00 | 79.69 -1.54 0.00 | 66.33 -1.42 0.00 | 57.92 -1.36 0.00 | 50.55 -1.14 0.00 | 45.87 -1.18 0.00 | 42.49 -1.09 0.00 |
| WOODMERE_69_KV_BK1 55827 | 41.26 3.06 0.00 | 37.91 2.48 0.00 | 36.88 2.19 0.00 | 36.22 2.05 0.00 | 37.95 2.28 0.00 | 42.25 2.84 0.00 | 60.83 4.03 0.00 | 70.81 5.06 0.00 | 48.48 2.96 0.01 | 41.26 2.88 0.01 | 37.31 2.80 0.01 | 36.88 2.89 0.01 | 36.68 2.84 0.01 | 38.42 3.08 0.01 | 41.95 3.32 0.00 | 48.80 3.19 0.00 | 69.08 4.82 -0.05 | 93.43 6.11 0.00 | 87.55 6.26 -0.06 | 73.49 5.69 -0.05 | 63.72 4.39 -0.05 | 54.99 3.26 -0.05 | 49.50 2.45 0.00 | 45.81 2.22 0.00 |
| YORK___WARBASSE 23770 | 41.92 3.71 -0.01 | 38.66 3.22 -0.01 | 37.76 3.05 -0.01 | 37.07 2.90 0.00 | 38.70 3.03 0.00 | 42.80 3.39 0.00 | 61.00 4.20 0.00 | 70.87 5.13 0.01 | 48.99 3.46 -0.01 | 41.54 3.15 -0.01 | 37.43 2.90 -0.01 | 36.93 2.92 -0.01 | 36.76 2.91 -0.01 | 38.47 3.11 -0.01 | 41.99 3.36 0.00 | 49.21 3.60 0.00 | 67.99 3.79 0.01 | 92.81 5.50 0.01 | 86.02 4.79 0.01 | 71.60 3.86 0.01 | 62.84 3.56 0.00 | 54.78 3.10 0.00 | 50.39 3.34 0.00 | 46.63 3.05 0.00 |