

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/07/2026

ALBANY___2 23572	29.17 0.10 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.60 0.07 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.88 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.18 -0.11 0.00	49.07 -0.25 0.00	45.31 -0.07 0.00	47.97 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
ALBANY___3 23573	29.17 0.10 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.60 0.07 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.88 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.18 -0.11 0.00	49.07 -0.25 0.00	45.31 -0.07 0.00	47.97 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
ALBANY___4 23574	29.17 0.10 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.60 0.07 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.88 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.18 -0.11 0.00	49.07 -0.25 0.00	45.31 -0.07 0.00	47.97 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
ALBANY___LFGE 323615	29.46 0.40 0.00	27.31 0.36 0.00	25.21 0.34 0.00	25.40 0.30 0.00	26.85 0.33 0.00	26.95 0.37 0.00	26.14 0.42 0.00	26.82 0.42 0.00	22.43 0.31 0.00	19.05 0.25 0.00	20.47 0.23 -0.04	21.86 0.25 -0.42	26.07 0.32 0.00	26.18 0.36 0.00	27.66 0.32 0.00	31.43 0.41 0.00	30.67 0.41 0.00	39.68 0.45 0.00	47.79 0.50 0.00	49.70 0.37 0.00	45.87 0.49 0.00	48.53 0.55 0.00	48.14 0.57 0.00	36.65 0.56 0.00
ALCOA_PA_115KV_PL-6C 55860	29.45 0.38 0.00	27.29 0.34 0.00	25.17 0.30 0.00	25.44 0.34 0.00	26.87 0.34 0.00	26.90 0.32 0.00	26.03 0.31 0.00	26.72 0.32 0.00	22.40 0.28 0.00	19.04 0.23 0.00	20.49 0.29 0.00	21.47 0.29 0.00	26.08 0.33 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.39 0.38 0.00	30.60 0.34 0.00	39.77 0.53 0.00	47.87 0.58 0.00	50.08 0.75 0.00	45.89 0.51 0.00	48.45 0.47 0.00	48.04 0.47 0.00	36.45 0.36 0.00
ALCOA_RYNLDS___DRP 24188	29.45 0.38 0.00	27.29 0.34 0.00	25.17 0.30 0.00	25.44 0.34 0.00	26.87 0.34 0.00	26.90 0.32 0.00	26.03 0.31 0.00	26.72 0.32 0.00	22.40 0.28 0.00	19.04 0.24 0.00	20.49 0.29 0.00	21.47 0.29 0.00	26.08 0.33 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.40 0.38 0.00	30.60 0.34 0.00	39.77 0.53 0.00	47.87 0.58 0.00	50.08 0.75 0.00	45.89 0.51 0.00	48.45 0.47 0.00	48.04 0.47 0.00	36.45 0.36 0.00
ALCOA___DSASP 323711	29.45 0.38 0.00	27.29 0.34 0.00	25.17 0.30 0.00	25.44 0.34 0.00	26.87 0.34 0.00	26.90 0.32 0.00	26.03 0.31 0.00	26.72 0.32 0.00	22.40 0.28 0.00	19.04 0.24 0.00	20.49 0.29 0.00	21.47 0.29 0.00	26.08 0.33 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.40 0.38 0.00	30.60 0.34 0.00	39.77 0.53 0.00	47.87 0.58 0.00	50.08 0.75 0.00	45.89 0.51 0.00	48.45 0.47 0.00	48.04 0.47 0.00	36.45 0.36 0.00
ALLEGHENY___COGEN 23514	29.04 -0.02 0.00	26.89 -0.06 0.00	24.74 -0.13 0.00	25.09 -0.01 0.00	26.49 -0.04 0.00	26.57 -0.01 0.00	25.70 -0.02 0.00	26.60 0.19 0.00	22.06 -0.06 0.00	18.48 -0.32 0.00	19.75 -0.45 0.00	20.64 -0.54 0.00	25.05 -0.69 0.00	25.11 -0.71 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.46 -0.80 0.00	38.52 -0.72 0.00	47.23 -0.07 0.00	51.31 1.98 0.00	47.37 1.99 0.00	49.72 1.74 0.00	49.19 1.61 0.00	37.02 0.93 0.00
ALTAMONT_115KV_TB 2 55880	29.46 0.39 0.00	27.31 0.36 0.00	25.20 0.33 0.00	25.41 0.31 0.00	26.87 0.34 0.00	26.96 0.38 0.00	26.13 0.41 0.00	26.83 0.42 0.00	22.45 0.33 0.00	19.06 0.26 0.00	20.46 0.26 0.00	21.45 0.27 0.00	26.06 0.31 0.00	26.13 0.31 0.00	27.63 0.29 0.00	31.38 0.36 0.00	30.61 0.35 0.00	39.62 0.38 0.00	47.76 0.46 0.00	49.72 0.39 0.00	45.88 0.50 0.00	48.56 0.58 0.00	48.17 0.60 0.00	36.57 0.49 0.00
ALTONA_WT_PWR 323606	29.33 0.26 0.00	27.17 0.22 0.00	25.13 0.25 0.00	25.35 0.25 0.00	26.82 0.29 0.00	26.83 0.26 0.00	25.95 0.23 0.00	26.64 0.24 0.00	22.32 0.20 0.00	19.00 0.19 0.00	20.44 0.23 0.00	21.41 0.22 0.00	25.97 0.22 0.00	26.00 0.18 0.00	27.53 0.19 0.00	31.25 0.23 0.00	30.55 0.29 0.00	39.74 0.51 0.00	47.85 0.55 0.00	49.91 0.58 0.00	45.71 0.34 0.00	48.28 0.30 0.00	47.86 0.28 0.00	36.31 0.23 0.00
AMERICAN_REF_FUEL 24010	26.64 -2.42 0.00	24.69 -2.26 0.00	22.80 -2.07 0.00	23.13 -1.98 0.00	24.36 -2.17 0.00	24.39 -2.19 0.00	23.58 -2.14 0.00	24.61 -1.79 0.00	20.78 -1.33 0.00	17.68 -1.12 0.00	19.10 -1.10 0.00	20.01 -1.18 0.00	24.21 -1.54 0.00	24.24 -1.58 0.00	25.80 -1.54 0.00	29.17 -1.85 0.00	28.00 -2.26 0.00	36.21 -3.03 0.00	43.86 -3.44 0.00	46.78 -2.55 0.00	42.33 -2.31 0.75	45.28 -2.70 0.00	45.41 -2.16 0.00	34.34 -1.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.54 -1.53 0.00	25.38 -1.57 0.00	23.44 -1.42 0.00	23.93 -1.18 0.00	25.27 -1.26 0.00	25.34 -1.24 0.00	24.40 -1.31 0.00	25.50 -0.90 0.00	21.52 -0.59 0.00	18.37 -0.43 0.00	19.85 -0.36 0.00	20.72 -0.47 0.00	25.15 -0.61 0.00	25.26 -0.57 0.00	26.91 -0.42 0.00	30.36 -0.66 0.00	29.43 -0.83 0.00	38.21 -1.03 0.00	46.46 -0.83 0.00	49.35 0.03 0.00	44.10 -0.20 1.08	47.48 -0.50 0.00	47.16 -0.42 0.00	35.63 -0.45 0.00
ARTHUR KILL_GT_1 23520	30.24 1.18 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.93 0.82 0.00	27.35 0.82 0.00	27.46 0.88 0.00	26.66 0.94 0.00	27.48 1.08 0.00	23.24 1.12 0.00	19.85 1.05 0.00	21.70 1.21 -0.29	25.75 1.22 -3.34	27.22 1.48 0.00	27.25 1.43 0.00	28.88 1.54 0.00	32.87 1.86 0.00	32.14 1.88 0.00	41.32 2.08 0.00	49.50 2.20 0.00	51.08 1.75 0.00	47.00 1.62 0.00	49.95 1.96 0.00	49.65 2.08 0.00	37.60 1.52 0.00
ARTHUR_KILL_2 23512	30.15 1.08 0.00	27.94 0.99 0.00	25.72 0.86 0.00	25.86 0.75 0.00	27.27 0.74 0.00	27.38 0.80 0.00	26.59 0.88 0.00	27.41 1.01 0.00	23.18 1.06 0.00	19.80 1.00 0.00	21.65 1.16 -0.29	25.70 1.17 -3.34	27.16 1.41 0.00	27.18 1.36 0.00	28.80 1.47 0.00	32.77 1.76 0.00	32.04 1.78 0.00	41.19 1.95 0.00	49.31 2.01 0.00	50.88 1.56 0.00	46.83 1.46 0.00	49.77 1.79 0.00	49.49 1.91 0.00	37.48 1.40 0.00
ARTHUR_KILL_3 23513	30.06 0.99 0.00	27.86 0.91 0.00	25.66 0.79 0.00	25.80 0.70 0.00	27.22 0.69 0.00	27.31 0.73 0.00	26.53 0.81 0.00	27.34 0.94 0.00	23.13 1.02 0.00	19.78 0.98 0.00	21.64 1.14 -0.29	25.71 1.18 -3.34	27.16 1.41 0.00	27.18 1.36 0.00	28.79 1.45 0.00	32.72 1.70 0.00	31.99 1.73 0.00	41.14 1.90 0.00	49.28 1.98 0.00	50.83 1.50 0.00	46.73 1.35 0.00	49.73 1.75 0.00	49.37 1.80 0.00	37.44 1.35 0.00

ARTHUR_KILL_COGEN 323718	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.35 0.82 0.00	27.46 0.88 0.00	26.67 0.95 0.00	27.49 1.09 0.00	23.24 1.12 0.00	19.85 1.05 0.00	21.70 1.21 -0.29	25.75 1.22 -3.34	27.22 1.47 0.00	27.25 1.43 0.00	28.87 1.53 0.00	32.86 1.85 0.00	32.14 1.88 0.00	41.32 2.08 0.00	49.49 2.19 0.00	51.07 1.75 0.00	47.00 1.62 0.00	49.95 1.97 0.00	49.65 2.08 0.00	37.60 1.52 0.00
ASHOKAN____ 23654	29.90 0.83 0.00	27.65 0.70 0.00	25.47 0.60 0.00	25.63 0.53 0.00	27.09 0.56 0.00	27.19 0.62 0.00	26.39 0.68 0.00	27.19 0.79 0.00	22.86 0.74 0.00	19.45 0.66 0.00	20.93 0.73 0.00	21.90 0.72 0.00	26.60 0.85 0.00	26.66 0.84 0.00	28.26 0.93 0.00	32.19 1.18 0.00	31.58 1.32 0.00	40.88 1.65 0.00	49.30 2.00 0.00	51.12 1.79 0.00	47.10 1.73 0.00	49.72 1.74 0.00	49.17 1.60 0.00	37.18 1.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.07 1.01 0.00	27.92 0.97 0.00	25.69 0.82 0.00	25.82 0.71 0.00	27.21 0.69 0.00	27.35 0.77 0.00	26.59 0.87 0.00	27.36 0.96 0.00	23.20 1.09 0.00	19.79 0.99 0.00	21.64 1.14 -0.29	25.71 1.19 -3.34	27.18 1.43 0.00	27.27 1.45 0.00	28.81 1.47 0.00	32.75 1.74 0.00	32.06 1.80 0.00	41.20 1.96 0.00	49.11 1.81 0.00	50.65 1.33 0.01	46.67 1.30 0.01	49.64 1.66 0.01	49.34 1.77 0.00	37.43 1.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.07 1.01 0.00	27.92 0.97 0.00	25.69 0.82 0.00	25.82 0.71 0.00	27.21 0.69 0.00	27.34 0.76 0.00	26.59 0.87 0.00	27.36 0.96 0.00	23.20 1.08 0.00	19.79 0.99 0.00	21.63 1.14 -0.29	25.71 1.19 -3.34	27.18 1.43 0.00	27.27 1.45 0.00	28.81 1.47 0.00	32.75 1.74 0.00	32.06 1.80 0.00	41.20 1.96 0.00	49.11 1.81 0.00	50.64 1.32 0.01	46.67 1.30 0.01	49.64 1.66 0.01	49.34 1.77 0.00	37.43 1.35 0.00
ASTORIA_GT2_1 24094	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT2_2 24095	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT2_3 24096	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT2_4 24097	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT3_1 24098	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT3_2 24099	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT3_3 24100	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT3_4 24101	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT4_1 24102	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT4_2 24103	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT4_3 24104	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00

ASTORIA_GT4_4 24105	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA_GT_1 23523	30.14 1.08 0.00	27.98 1.03 0.00	25.75 0.88 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.91 0.00	27.40 1.00 0.00	23.26 1.14 0.00	19.84 1.04 0.00	21.69 1.19 -0.29	25.76 1.23 -3.34	27.24 1.49 0.00	27.33 1.51 0.00	28.89 1.55 0.00	32.83 1.81 0.00	32.14 1.88 0.00	41.31 2.07 0.00	49.22 1.93 0.00	50.83 1.51 0.01	46.80 1.43 0.01	49.78 1.80 0.01	49.47 1.91 0.00	37.53 1.44 0.00
ASTORIA_GT_10 24110	30.18 1.12 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.28 0.75 0.00	27.39 0.81 0.00	26.61 0.89 0.00	27.42 1.02 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.25 2.02 0.00	49.22 1.93 0.00	50.79 1.46 0.00	46.74 1.36 0.00	49.74 1.76 0.00	49.45 1.89 0.00	37.52 1.43 0.00
ASTORIA_GT_11 24225	30.18 1.12 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.28 0.75 0.00	27.39 0.81 0.00	26.61 0.89 0.00	27.42 1.02 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.25 2.02 0.00	49.22 1.93 0.00	50.79 1.46 0.00	46.74 1.36 0.00	49.74 1.76 0.00	49.45 1.89 0.00	37.52 1.43 0.00
ASTORIA_GT_12 24226	30.18 1.12 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.28 0.75 0.00	27.39 0.81 0.00	26.61 0.89 0.00	27.42 1.02 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.25 2.02 0.00	49.22 1.93 0.00	50.79 1.46 0.00	46.74 1.36 0.00	49.74 1.76 0.00	49.45 1.89 0.00	37.52 1.43 0.00
ASTORIA_GT_13 24227	30.18 1.12 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.28 0.75 0.00	27.39 0.81 0.00	26.61 0.89 0.00	27.42 1.02 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.25 2.02 0.00	49.22 1.93 0.00	50.79 1.46 0.00	46.74 1.36 0.00	49.74 1.76 0.00	49.45 1.89 0.00	37.52 1.43 0.00
ASTORIA_GT_5 24106	30.14 1.08 0.00	27.98 1.03 0.00	25.75 0.88 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.91 0.00	27.40 1.00 0.00	23.26 1.14 0.00	19.84 1.04 0.00	21.69 1.19 -0.29	25.76 1.23 -3.34	27.24 1.49 0.00	27.33 1.51 0.00	28.89 1.55 0.00	32.83 1.81 0.00	32.14 1.88 0.00	41.31 2.07 0.00	49.22 1.93 0.00	50.83 1.51 0.01	46.80 1.43 0.01	49.78 1.80 0.01	49.47 1.91 0.00	37.53 1.44 0.00
ASTORIA_GT_7 24107	30.14 1.08 0.00	27.98 1.03 0.00	25.75 0.88 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.91 0.00	27.40 1.00 0.00	23.26 1.14 0.00	19.84 1.04 0.00	21.69 1.19 -0.29	25.76 1.23 -3.34	27.24 1.49 0.00	27.33 1.51 0.00	28.89 1.55 0.00	32.83 1.81 0.00	32.14 1.88 0.00	41.31 2.07 0.00	49.22 1.93 0.00	50.83 1.51 0.01	46.80 1.43 0.01	49.78 1.80 0.01	49.47 1.91 0.00	37.53 1.44 0.00
ASTORIA_GT_8 24108	30.14 1.08 0.00	27.98 1.03 0.00	25.75 0.88 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.91 0.00	27.40 1.00 0.00	23.26 1.14 0.00	19.84 1.04 0.00	21.69 1.19 -0.29	25.76 1.23 -3.34	27.24 1.49 0.00	27.33 1.51 0.00	28.89 1.55 0.00	32.83 1.81 0.00	32.14 1.88 0.00	41.31 2.07 0.00	49.22 1.93 0.00	50.83 1.51 0.01	46.80 1.43 0.01	49.78 1.80 0.01	49.47 1.91 0.00	37.53 1.44 0.00
ASTORIA___2 24149	30.09 1.02 0.00	27.94 0.99 0.00	25.70 0.83 0.00	25.82 0.71 0.00	27.22 0.69 0.00	27.36 0.78 0.00	26.60 0.88 0.00	27.37 0.97 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.21 1.98 0.00	49.11 1.82 0.00	50.68 1.36 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.38 1.81 0.00	37.46 1.37 0.00
ASTORIA___3 23516	30.09 1.02 0.00	27.94 0.99 0.00	25.70 0.83 0.00	25.82 0.71 0.00	27.22 0.69 0.00	27.36 0.78 0.00	26.60 0.88 0.00	27.37 0.97 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.21 1.98 0.00	49.11 1.82 0.00	50.68 1.36 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.38 1.81 0.00	37.46 1.37 0.00
ASTORIA___4 23517	30.09 1.03 0.00	27.94 0.99 0.00	25.71 0.84 0.00	25.82 0.72 0.00	27.23 0.70 0.00	27.35 0.78 0.00	26.58 0.87 0.00	27.35 0.95 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.15 -0.29	25.72 1.19 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.76 1.75 0.00	32.07 1.81 0.00	41.22 1.98 0.00	49.12 1.83 0.00	50.71 1.39 0.01	46.69 1.32 0.01	49.66 1.69 0.01	49.37 1.80 0.00	37.46 1.37 0.00
ASTORIA___5 23518	30.17 1.11 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.27 0.75 0.00	27.38 0.81 0.00	26.62 0.90 0.00	27.43 1.03 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.14 1.88 0.00	41.24 2.01 0.00	49.22 1.92 0.00	50.78 1.46 0.00	46.73 1.35 0.00	49.75 1.76 0.00	49.46 1.88 0.00	37.52 1.43 0.00
AST_ENERGY_2_CC3 323677	30.19 1.12 0.00	27.96 1.01 0.00	25.76 0.90 0.00	25.90 0.79 0.00	27.30 0.78 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.25 1.51 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.84 1.83 0.00	32.11 1.85 0.00	41.22 1.99 0.00	49.24 1.95 0.01	50.78 1.45 0.00	46.73 1.35 0.00	49.81 1.83 0.00	49.52 1.95 0.00	37.56 1.47 0.00
AST_ENERGY_2_CC4 323678	30.19 1.12 0.00	27.96 1.01 0.00	25.76 0.90 0.00	25.90 0.79 0.00	27.30 0.78 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.25 1.51 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.84 1.83 0.00	32.11 1.85 0.00	41.22 1.99 0.00	49.24 1.95 0.01	50.78 1.45 0.00	46.73 1.35 0.00	49.81 1.83 0.00	49.52 1.95 0.00	37.56 1.47 0.00

ATHENS_STG_1 23668	29.58	27.42	25.29	25.49	26.95	27.04	26.22	26.96	22.65	19.29	20.80	22.26	26.39	26.44	27.98	31.77	31.01	39.99	48.02	49.84	45.95	48.69	48.30	36.65
	0.52	0.47	0.42	0.39	0.42	0.46	0.51	0.56	0.54	0.49	0.55	0.56	0.64	0.62	0.64	0.76	0.75	0.76	0.73	0.51	0.57	0.70	0.73	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ATHENS_STG_2 23670	29.58	27.42	25.29	25.49	26.95	27.04	26.22	26.96	22.65	19.29	20.80	22.26	26.39	26.44	27.98	31.77	31.01	39.99	48.02	49.84	45.95	48.69	48.30	36.65
	0.52	0.47	0.42	0.39	0.42	0.46	0.51	0.56	0.54	0.49	0.55	0.56	0.64	0.62	0.64	0.76	0.75	0.76	0.73	0.51	0.57	0.70	0.73	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ATHENS_STG_3 23677	29.58	27.42	25.29	25.49	26.95	27.04	26.22	26.96	22.65	19.29	20.80	22.26	26.39	26.44	27.98	31.77	31.01	39.99	48.02	49.84	45.95	48.69	48.30	36.65
	0.52	0.47	0.42	0.39	0.42	0.46	0.51	0.56	0.54	0.49	0.55	0.56	0.64	0.62	0.64	0.76	0.75	0.76	0.73	0.51	0.57	0.70	0.73	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AUBURN____LFGE 323710	28.90	26.73	24.71	24.90	26.27	26.42	25.52	26.19	21.86	18.51	19.79	20.83	25.36	25.46	27.01	30.61	29.97	39.07	47.35	49.68	45.49	48.06	47.40	35.90
	-0.16	-0.22	-0.15	-0.21	-0.26	-0.15	-0.19	-0.21	-0.26	-0.28	-0.42	-0.35	-0.39	-0.36	-0.33	-0.40	-0.29	-0.17	0.05	0.36	0.11	0.08	-0.17	-0.19
	0.00	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	
BABYLON_RES_REC 323704	30.82	28.45	26.17	26.27	27.72	27.83	27.02	27.83	23.51	20.06	21.98	26.04	27.54	27.63	29.33	33.31	32.47	41.90	49.75	51.04	47.17	50.44	49.87	38.03
	1.76	1.50	1.30	1.17	1.20	1.25	1.30	1.43	1.39	1.26	1.49	1.52	1.79	1.81	1.99	2.29	2.21	2.65	2.45	1.72	1.79	2.46	2.29	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BALL_HILL_WT_PWR 323825	27.44	25.37	23.45	23.84	25.12	25.19	24.28	25.33	21.36	18.19	19.64	20.57	24.93	24.99	26.62	30.07	29.09	37.74	45.79	48.61	43.68	46.89	46.71	35.30
	-1.62	-1.58	-1.42	-1.26	-1.40	-1.39	-1.43	-1.07	-0.75	-0.61	-0.57	-0.61	-0.82	-0.83	-0.72	-0.95	-1.17	-1.50	-1.51	-0.71	-0.77	-1.09	-0.86	-0.78
	0.00	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	0.93	0.00	0.00	
BARON_WINDS____WT_PWR 323822	28.05	25.98	23.95	24.35	25.72	25.78	24.90	25.75	21.47	18.17	19.52	20.48	24.83	24.84	26.40	29.90	29.22	38.12	46.41	49.13	45.61	47.44	47.03	35.61
	-1.02	-0.97	-0.92	-0.75	-0.81	-0.79	-0.81	-0.65	-0.65	-0.63	-0.69	-0.71	-0.92	-0.98	-0.94	-1.11	-1.04	-1.12	-0.88	-0.19	-0.32	-0.55	-0.54	-0.47
	0.00	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	-0.56	0.00	0.00	
BARRETT_IC_1 23704	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_10 23701	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_11 23702	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_12 23703	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_2 23705	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_3 23706	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_4 23707	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	
BARRETT_IC_5 23708	30.41	28.11	25.87	25.99	27.42	27.51	26.69	27.47	23.22	19.85	21.80	25.85	27.35	27.42	29.04	32.96	32.14	41.40	49.24	50.56	46.67	49.83	49.38	37.59
	1.35	1.15	1.00	0.88	0.89	0.93	0.97	1.07	1.10	1.05	1.30	1.34	1.60	1.61	1.70	1.94	1.88	2.16	1.95	1.24	1.29	1.85	1.81	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	

BAYONEEC___CTG8 323689	30.18 1.12 0.00	27.96 1.00 0.00	25.76 0.89 0.00	25.89 0.79 0.00	27.30 0.78 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.43 1.04 0.00	23.22 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.83 1.82 0.00	32.10 1.84 0.00	41.26 2.02 0.00	49.37 2.08 0.00	50.92 1.59 0.00	46.83 1.45 0.00	49.88 1.90 0.00	49.55 1.98 0.00	37.57 1.49 0.00
BAYONEEC___CTG9 323749	30.18 1.12 0.00	27.96 1.00 0.00	25.76 0.89 0.00	25.89 0.79 0.00	27.30 0.78 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.43 1.04 0.00	23.22 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.83 1.82 0.00	32.10 1.84 0.00	41.26 2.02 0.00	49.37 2.08 0.00	50.92 1.59 0.00	46.83 1.45 0.00	49.88 1.90 0.00	49.55 1.98 0.00	37.57 1.49 0.00
BAYPORT_69_KV_BK 2 356364	31.24 2.18 0.00	28.77 1.82 0.00	26.46 1.60 0.00	26.55 1.45 0.00	28.02 1.50 0.00	28.13 1.55 0.00	27.29 1.58 0.00	28.14 1.74 0.00	23.78 1.67 0.00	20.31 1.51 0.00	22.28 1.78 -0.29	26.36 1.85 -3.33	27.96 2.21 0.00	28.04 2.22 0.00	29.80 2.46 0.00	33.81 2.80 0.00	32.92 2.66 0.00	42.52 3.28 -0.01	50.34 3.05 0.00	51.49 2.16 0.00	47.56 2.19 0.00	50.86 2.88 0.00	50.17 2.60 0.00	38.32 2.23 0.00
BEACON___LESR 323632	29.56 0.50 0.00	27.38 0.43 0.00	25.28 0.41 0.00	25.45 0.34 0.00	26.92 0.40 0.00	27.04 0.46 0.00	26.25 0.54 0.00	26.95 0.55 0.00	22.50 0.39 0.00	19.08 0.28 0.00	20.48 0.24 -0.04	21.85 0.24 -0.42	26.04 0.29 0.00	26.11 0.28 0.00	27.65 0.31 0.00	31.41 0.40 0.00	30.69 0.43 0.00	39.86 0.62 0.00	48.06 0.76 0.00	50.03 0.70 0.00	46.13 0.75 0.00	48.77 0.79 0.00	48.30 0.73 0.00	36.79 0.70 0.00
BEAVER RIVER___HYD 24048	29.84 0.78 0.00	27.49 0.54 0.00	25.32 0.45 0.00	25.71 0.61 0.00	27.12 0.59 0.00	27.06 0.48 0.00	26.13 0.42 0.00	26.78 0.38 0.00	22.31 0.19 0.00	18.82 0.02 0.00	20.16 -0.05 0.00	21.08 -0.10 0.00	25.63 -0.12 0.00	25.85 0.03 0.00	27.38 0.05 0.00	30.94 -0.07 0.00	30.24 -0.02 0.00	40.05 0.82 0.00	48.84 1.54 0.00	51.09 1.77 0.00	46.86 1.48 0.00	49.73 1.75 0.00	48.78 1.21 0.00	36.86 0.78 0.00
BEEBEE_GT_13 23619	28.08 -0.98 0.00	26.02 -0.93 0.00	23.99 -0.87 0.00	24.27 -0.83 0.00	25.59 -0.94 0.00	25.63 -0.94 0.00	24.77 -0.94 0.00	25.61 -0.79 0.00	21.51 -0.61 0.00	18.28 -0.52 0.00	19.72 -0.48 0.00	20.71 -0.47 0.00	25.18 -0.56 0.00	25.26 -0.56 0.00	26.85 -0.49 0.00	30.44 -0.57 0.00	29.55 -0.71 0.00	38.38 -0.85 0.00	46.53 -0.76 0.00	49.18 -0.15 0.00	45.23 -0.15 0.00	47.52 -0.46 0.00	47.23 -0.34 0.00	35.66 -0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.40 1.34 0.00	28.16 1.21 0.00	25.92 1.06 0.00	26.05 0.94 0.00	27.46 0.94 0.00	27.57 0.99 0.00	26.78 1.07 0.00	27.61 1.21 0.00	23.32 1.21 0.00	19.93 1.14 0.00	21.81 1.31 -0.29	25.88 1.35 -3.34	27.37 1.62 0.00	27.40 1.58 0.00	29.01 1.68 0.00	33.02 2.01 0.00	32.28 2.02 0.00	41.48 2.24 0.00	49.61 2.31 0.00	51.17 1.85 0.00	47.11 1.73 0.00	50.14 2.16 0.00	49.84 2.27 0.00	37.75 1.66 0.00
BETHLEHEM___GRP 23843	29.17 0.10 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.60 0.07 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.88 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.18 -0.11 0.00	49.07 -0.25 0.00	45.31 -0.07 0.00	47.97 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
BETHLEHEM___GS1 323560	29.17 0.11 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.61 0.08 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.89 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.19 -0.10 0.00	49.08 -0.25 0.00	45.31 -0.07 0.00	47.96 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
BETHLEHEM___GS2 323561	29.17 0.11 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.61 0.08 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.89 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.19 -0.10 0.00	49.08 -0.25 0.00	45.31 -0.07 0.00	47.96 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
BETHLEHEM___GS3 323562	29.17 0.11 0.00	27.05 0.10 0.00	24.98 0.11 0.00	25.17 0.06 0.00	26.61 0.08 0.00	26.70 0.12 0.00	25.90 0.18 0.00	26.57 0.17 0.00	22.23 0.11 0.00	18.89 0.09 0.00	20.29 0.05 -0.04	21.66 0.06 -0.42	25.83 0.07 0.00	25.92 0.10 0.00	27.38 0.04 0.00	31.10 0.08 0.00	30.33 0.07 0.00	39.19 -0.04 0.00	47.19 -0.10 0.00	49.08 -0.25 0.00	45.31 -0.07 0.00	47.96 -0.02 0.00	47.58 0.00 0.00	36.26 0.17 0.00
BETHLEHEM___STEEL 23779	27.42 -1.65 0.00	25.39 -1.57 0.00	23.43 -1.44 0.00	23.79 -1.32 0.00	25.05 -1.47 0.00	25.09 -1.48 0.00	24.25 -1.47 0.00	25.26 -1.15 0.00	21.30 -0.82 0.00	18.12 -0.68 0.00	19.57 -0.63 0.00	20.53 -0.65 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.55 -0.79 0.00	30.03 -0.99 0.00	28.97 -1.29 0.00	37.55 -1.69 0.00	45.52 -1.77 0.00	48.45 -0.88 0.00	44.56 -0.82 0.00	46.80 -1.19 0.00	46.72 -0.85 0.00	35.28 -0.80 0.00
BETHLHEM_115KV_TB1 79974	29.23 0.16 0.00	27.11 0.15 0.00	25.02 0.16 0.00	25.22 0.11 0.00	26.65 0.13 0.00	26.76 0.18 0.00	25.95 0.23 0.00	26.63 0.23 0.00	22.29 0.17 0.00	18.93 0.12 0.00	20.35 0.11 -0.04	21.71 0.11 -0.42	25.88 0.13 0.00	25.98 0.16 0.00	27.45 0.11 0.00	31.17 0.16 0.00	30.40 0.14 0.00	39.30 0.06 0.00	47.32 0.02 0.00	49.20 -0.13 0.00	45.42 0.04 0.00	48.09 0.10 0.00	47.70 0.13 0.00	36.33 0.24 0.00
BETHPAGE_CC_5 323564	30.76 1.70 0.00	28.40 1.45 0.00	26.13 1.26 0.00	26.24 1.13 0.00	27.69 1.16 0.00	27.79 1.21 0.00	26.97 1.26 0.00	27.79 1.39 0.00	23.49 1.37 0.00	20.07 1.27 0.00	21.99 1.50 -0.29	26.05 1.54 -3.33	27.53 1.78 0.00	27.62 1.80 0.00	29.26 1.92 0.00	33.18 2.16 0.00	32.29 2.03 0.00	41.63 2.38 -0.01	49.42 2.12 0.00	50.76 1.43 0.00	46.89 1.51 0.00	50.10 2.11 0.00	49.71 2.14 0.00	37.98 1.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.48 -1.58 0.00	25.44 -1.51 0.00	23.49 -1.38 0.00	23.83 -1.27 0.00	25.10 -1.42 0.00	25.15 -1.43 0.00	24.30 -1.41 0.00	25.31 -1.09 0.00	21.34 -0.77 0.00	18.16 -0.64 0.00	19.61 -0.59 0.00	20.58 -0.61 0.00	24.94 -0.81 0.00	24.99 -0.83 0.00	26.62 -0.71 0.00	30.11 -0.90 0.00	29.07 -1.20 0.00	37.68 -1.56 0.00	45.67 -1.63 0.00	48.60 -0.72 0.00	44.69 -0.68 0.00	46.93 -1.06 0.00	46.84 -0.73 0.00	35.36 -0.72 0.00

BINGHAMTON___COGEN 23790	28.75 -0.31 0.00	26.63 -0.32 0.00	24.60 -0.27 0.00	24.88 -0.23 0.00	26.26 -0.26 0.00	26.33 -0.25 0.00	25.45 -0.27 0.00	26.19 -0.20 0.00	21.95 -0.16 0.00	18.66 -0.15 0.00	20.02 -0.18 0.00	21.01 -0.18 0.00	25.53 -0.23 0.00	25.56 -0.26 0.00	27.11 -0.23 0.00	30.73 -0.29 0.00	30.08 -0.19 0.00	39.09 -0.14 0.00	47.23 -0.06 0.00	49.36 0.03 0.00	45.30 -0.08 0.00	47.83 -0.15 0.00	47.36 -0.21 0.00	35.90 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	27.87 -1.19 0.00	25.80 -1.16 0.00	23.83 -1.04 0.00	24.18 -0.92 0.00	25.51 -1.02 0.00	25.60 -0.98 0.00	24.76 -0.95 0.00	25.78 -0.62 0.00	21.73 -0.39 0.00	18.48 -0.32 0.00	19.93 -0.28 0.00	20.87 -0.31 0.00	25.28 -0.47 0.00	25.29 -0.53 0.00	26.89 -0.45 0.00	30.38 -0.64 0.00	29.47 -0.79 0.00	38.28 -0.96 0.00	46.50 -0.80 0.00	49.20 -0.13 0.00	45.13 -0.25 0.00	47.44 -0.55 0.00	47.17 -0.40 0.00	35.62 -0.47 0.00
BLACK RIVER___HYD 24047	29.98 0.91 0.00	27.59 0.64 0.00	25.42 0.55 0.00	25.83 0.72 0.00	27.24 0.71 0.00	27.18 0.60 0.00	26.24 0.53 0.00	26.86 0.46 0.00	22.30 0.18 0.00	18.75 -0.05 0.00	20.07 -0.13 0.00	21.00 -0.18 0.00	25.57 -0.18 0.00	25.89 0.07 0.00	27.38 0.04 0.00	30.93 -0.09 0.00	30.25 -0.01 0.00	40.52 1.28 0.00	49.53 2.24 0.00	51.81 2.48 0.00	47.52 2.14 0.00	50.34 2.36 0.00	49.21 1.64 0.00	37.15 1.07 0.00
BLACKRVR_115KV_TB2 79977	29.98 0.91 0.00	27.59 0.64 0.00	25.42 0.55 0.00	25.83 0.72 0.00	27.24 0.71 0.00	27.18 0.60 0.00	26.24 0.53 0.00	26.86 0.46 0.00	22.30 0.18 0.00	18.75 -0.05 0.00	20.07 -0.13 0.00	21.00 -0.18 0.00	25.57 -0.18 0.00	25.89 0.07 0.00	27.38 0.04 0.00	30.93 -0.09 0.00	30.25 -0.01 0.00	40.52 1.28 0.00	49.53 2.24 0.00	51.81 2.48 0.00	47.52 2.14 0.00	50.35 2.37 0.00	49.21 1.64 0.00	37.15 1.07 0.00
BLISS_WT_PWR 323608	27.86 -1.20 0.00	25.78 -1.18 0.00	23.83 -1.04 0.00	24.16 -0.94 0.00	25.49 -1.04 0.00	25.59 -0.99 0.00	24.74 -0.98 0.00	25.78 -0.62 0.00	21.73 -0.39 0.00	18.48 -0.32 0.00	19.93 -0.28 0.00	20.86 -0.32 0.00	25.28 -0.47 0.00	25.29 -0.53 0.00	26.89 -0.45 0.00	30.38 -0.64 0.00	29.46 -0.80 0.00	38.28 -0.96 0.00	46.50 -0.80 0.00	49.18 -0.14 0.00	43.92 -0.26 1.20	47.41 -0.57 0.00	47.16 -0.41 0.00	35.61 -0.47 0.00
BLUESTONE___WT_PWR 323821	29.74 0.67 0.00	27.37 0.42 0.00	25.09 0.22 0.00	25.68 0.58 0.00	27.26 0.73 0.00	27.38 0.80 0.00	26.37 0.66 0.00	26.70 0.31 0.00	22.42 0.30 0.00	19.05 0.24 0.00	20.34 0.14 0.00	21.38 0.19 0.00	26.00 0.25 0.00	26.14 0.32 0.00	27.78 0.44 0.00	31.55 0.54 0.00	31.06 0.80 0.00	40.39 1.15 0.00	49.14 1.84 0.00	51.80 2.47 0.00	47.86 2.26 -0.22	50.18 2.20 0.00	49.56 1.99 0.00	37.45 1.36 0.00
BLUE_CIRC_CHEM_DRP 24182	29.55 0.49 0.00	27.41 0.46 0.00	25.30 0.44 0.00	25.52 0.42 0.00	26.98 0.46 0.00	27.08 0.50 0.00	26.25 0.53 0.00	26.90 0.50 0.00	22.44 0.32 0.00	19.02 0.22 0.00	20.40 0.20 0.00	21.40 0.21 0.00	26.00 0.25 0.00	26.12 0.30 0.00	27.59 0.25 0.00	31.31 0.29 0.00	30.52 0.26 0.00	39.61 0.38 0.00	47.81 0.52 0.00	49.79 0.46 0.00	45.95 0.57 0.00	48.65 0.66 0.00	48.28 0.71 0.00	36.71 0.63 0.00
BOC_GAS_DRP 24189	29.37 0.30 0.00	27.22 0.27 0.00	25.12 0.26 0.00	25.34 0.23 0.00	26.78 0.26 0.00	26.88 0.30 0.00	26.05 0.34 0.00	26.75 0.35 0.00	22.42 0.30 0.00	19.06 0.25 0.00	20.50 0.26 -0.04	21.86 0.27 -0.41	26.06 0.31 0.00	26.13 0.31 0.00	27.62 0.29 0.00	31.36 0.34 0.00	30.59 0.33 0.00	39.53 0.30 0.00	47.57 0.27 0.00	49.47 0.14 0.00	45.65 0.27 0.00	48.34 0.36 0.00	47.97 0.39 0.00	36.45 0.36 0.00
BOONVILLE_115KV_TB1 79983	29.69 0.63 0.00	27.44 0.49 0.00	25.30 0.43 0.00	25.61 0.51 0.00	27.02 0.49 0.00	27.03 0.45 0.00	26.14 0.42 0.00	26.81 0.41 0.00	22.36 0.24 0.00	18.90 0.10 0.00	20.28 0.07 0.00	21.24 0.05 0.00	25.84 0.09 0.00	26.01 0.19 0.00	27.52 0.18 0.00	31.21 0.20 0.00	30.60 0.34 0.00	40.05 0.81 0.00	48.61 1.32 0.00	50.80 1.48 0.00	46.68 1.30 0.00	49.37 1.39 0.00	48.66 1.09 0.00	36.82 0.73 0.00
BORALEX_4TH_BRANCH 23824	30.11 1.05 0.00	27.87 0.92 0.00	25.77 0.90 0.00	25.91 0.80 0.00	27.36 0.83 0.00	27.50 0.92 0.00	26.72 1.00 0.00	27.41 1.01 0.00	22.83 0.71 0.00	19.37 0.57 0.00	20.69 0.45 -0.04	22.14 0.51 -0.44	26.40 0.65 0.00	26.48 0.66 0.00	27.85 0.51 0.00	31.74 0.72 0.00	30.91 0.65 0.00	39.82 0.59 0.00	48.19 0.90 0.00	50.25 0.93 0.00	46.51 1.13 0.00	49.59 1.60 0.00	49.28 1.71 0.00	37.40 1.32 0.00
BOWLINE___1 23526	29.90 0.84 0.00	27.70 0.74 0.00	25.51 0.64 0.00	25.67 0.56 0.00	27.09 0.57 0.00	27.19 0.61 0.00	26.39 0.68 0.00	27.21 0.81 0.00	22.97 0.86 0.00	19.63 0.83 0.43	20.73 0.96 0.43	17.22 0.98 0.00	26.90 1.15 0.00	26.95 1.13 0.00	28.57 1.23 0.00	32.48 1.47 0.00	31.76 1.50 0.00	40.92 1.68 0.00	49.08 1.79 0.00	50.70 1.37 0.00	46.57 1.19 0.00	49.44 1.46 0.00	49.05 1.47 0.00	37.17 1.09 0.00
BOWLINE___2 23595	29.90 0.84 0.00	27.70 0.74 0.00	25.51 0.64 0.00	25.67 0.56 0.00	27.09 0.57 0.00	27.19 0.61 0.00	26.39 0.68 0.00	27.21 0.81 0.00	22.97 0.86 0.00	19.63 0.83 0.43	20.73 0.96 0.43	17.21 0.98 0.00	26.90 1.15 0.00	26.95 1.13 0.00	28.57 1.23 0.00	32.48 1.47 0.00	31.76 1.50 0.00	40.92 1.68 0.00	49.08 1.79 0.00	50.70 1.37 0.00	46.57 1.19 0.00	49.44 1.46 0.00	49.05 1.47 0.00	37.17 1.09 0.00
BRADY___115KV_TB2 356060	29.82 0.76 0.00	27.61 0.67 0.00	25.47 0.60 0.00	25.76 0.66 0.00	27.19 0.66 0.00	27.22 0.65 0.00	26.36 0.65 0.00	27.01 0.60 0.00	22.53 0.42 0.00	19.07 0.27 0.00	20.53 0.33 0.00	21.51 0.33 0.00	26.14 0.39 0.00	26.22 0.40 0.00	27.77 0.44 0.00	31.45 0.44 0.00	30.66 0.39 0.00	39.99 0.75 0.00	48.40 1.11 0.00	50.84 1.51 0.00	46.50 1.12 0.00	49.07 1.08 0.00	48.57 1.00 0.00	36.82 0.73 0.00
BRANSCOMB___SOLAR 323811	30.12 1.06 0.00	27.90 0.95 0.00	25.76 0.89 0.00	25.94 0.83 0.00	27.41 0.88 0.00	27.54 0.96 0.00	26.72 1.01 0.00	27.39 0.99 0.00	22.74 0.62 0.00	19.16 0.36 0.00	20.41 0.21 0.00	21.37 0.19 0.00	26.04 0.29 0.00	26.14 0.31 0.00	27.63 0.29 0.00	31.46 0.45 0.00	30.82 0.56 0.00	40.26 1.03 0.00	49.03 1.73 0.00	51.13 1.80 0.00	47.25 1.88 0.00	49.89 1.91 0.00	49.46 1.89 0.00	37.47 1.39 0.00
BRDGHMPT_69_KV_BK1 55812	31.83 2.77 0.00	29.26 2.31 0.00	26.89 2.02 0.00	27.02 1.92 0.00	28.54 2.01 0.00	28.59 2.01 0.00	27.73 2.02 0.00	28.61 2.21 0.00	24.07 1.96 0.00	20.68 1.88 0.00	22.79 2.29 -0.29	26.96 2.45 -3.33	28.72 2.97 0.00	28.73 2.91 0.00	30.53 3.19 0.00	34.50 3.48 0.00	33.48 3.22 0.00	43.51 4.26 -0.01	51.28 3.98 0.00	51.91 2.58 0.00	47.88 2.51 0.00	51.07 3.09 0.00	50.05 2.48 0.00	38.43 2.34 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	31.03 1.97 0.00	28.61 1.66 0.00	26.33 1.47 0.00	26.43 1.33 0.00	27.90 1.37 0.00	28.00 1.42 0.00	27.16 1.45 0.00	28.01 1.61 0.00	23.67 1.56 0.00	20.18 1.39 0.00	22.12 1.62 -0.29	26.19 1.67 -3.33	27.73 1.98 0.00	27.82 2.00 0.00	29.56 2.22 0.00	33.55 2.53 0.00	32.67 2.40 0.00	42.12 2.88 -0.01	49.90 2.61 0.00	50.88 1.55 0.00	47.21 1.83 0.00	50.62 2.64 0.00	50.01 2.44 0.00	38.19 2.10 0.00
BRISTLHL_115KV_TB1 79998	28.36 -0.70 0.00	26.33 -0.62 0.00	24.29 -0.58 0.00	24.53 -0.57 0.00	25.91 -0.62 0.00	25.94 -0.64 0.00	25.03 -0.68 0.00	25.65 -0.75 0.00	21.41 -0.70 0.00	18.16 -0.64 0.00	19.52 -0.69 0.00	20.48 -0.70 0.00	24.94 -0.81 0.00	25.02 -0.80 0.00	26.52 -0.82 0.00	30.09 -0.92 0.00	29.35 -0.91 0.00	38.15 -1.08 0.00	46.16 -1.14 0.00	48.26 -1.07 0.00	44.38 -1.00 0.00	46.84 -1.14 0.00	46.38 -1.20 0.00	35.16 -0.92 0.00
BROOKHAVEN___DRP 24191	31.07 2.01 0.00	28.62 1.66 0.00	26.32 1.45 0.00	26.43 1.32 0.00	27.89 1.36 0.00	27.99 1.41 0.00	27.16 1.44 0.00	28.00 1.60 0.00	23.64 1.52 0.00	20.19 1.39 0.00	22.17 1.67 -0.29	26.23 1.72 -3.33	27.80 2.05 0.00	27.81 1.99 0.00	29.53 2.19 0.00	33.41 2.39 0.00	32.43 2.17 0.00	41.92 2.68 -0.01	49.57 2.27 0.00	50.66 1.34 0.00	46.80 1.43 0.00	50.09 2.11 0.00	49.41 1.84 0.00	37.87 1.79 0.00
BROOKLYN_NAVY_YARD 23515	30.12 1.06 0.00	27.90 0.94 0.00	25.71 0.85 0.00	25.84 0.73 0.00	27.25 0.72 0.00	27.34 0.76 0.00	26.56 0.85 0.00	27.37 0.97 0.00	23.18 1.06 0.00	19.83 1.03 0.00	21.67 1.18 -0.29	25.76 1.23 -3.34	27.21 1.46 0.00	27.21 1.39 0.00	28.80 1.46 0.00	32.75 1.74 0.00	32.03 1.77 0.00	41.15 1.91 0.00	49.23 1.93 0.00	50.75 1.43 0.00	46.64 1.27 0.01	49.68 1.72 0.02	49.41 1.84 0.00	37.54 1.46 0.00
BROOKLYN___ARMY_DRP 323595	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
BROOME_2_LFGE 323671	28.75 -0.31 0.00	26.63 -0.32 0.00	24.60 -0.27 0.00	24.88 -0.22 0.00	26.26 -0.26 0.00	26.33 -0.25 0.00	25.44 -0.27 0.00	26.20 -0.20 0.00	21.95 -0.16 0.00	18.66 -0.15 0.00	20.02 -0.18 0.00	21.00 -0.18 0.00	25.53 -0.23 0.00	25.56 -0.26 0.00	27.11 -0.23 0.00	30.72 -0.29 0.00	30.08 -0.18 0.00	39.09 -0.14 0.00	47.23 -0.06 0.00	49.36 0.04 0.00	45.54 -0.08 -0.24	47.83 -0.15 0.00	47.36 -0.21 0.00	35.90 -0.18 0.00
BROOME___LFGE 323600	28.75 -0.31 0.00	26.63 -0.32 0.00	24.60 -0.27 0.00	24.88 -0.22 0.00	26.26 -0.26 0.00	26.33 -0.25 0.00	25.44 -0.27 0.00	26.20 -0.20 0.00	21.95 -0.16 0.00	18.66 -0.15 0.00	20.02 -0.18 0.00	21.00 -0.18 0.00	25.53 -0.23 0.00	25.56 -0.26 0.00	27.11 -0.23 0.00	30.72 -0.29 0.00	30.08 -0.18 0.00	39.09 -0.14 0.00	47.23 -0.06 0.00	49.36 0.04 0.00	45.54 -0.08 -0.24	47.83 -0.15 0.00	47.36 -0.21 0.00	35.90 -0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	29.67 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.05 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.51 0.00
BROWNSV1_27_KV_LOAD 356125	30.41 1.35 0.00	28.16 1.21 0.00	25.94 1.07 0.00	26.06 0.96 0.00	27.48 0.95 0.00	27.57 1.00 0.00	26.78 1.07 0.00	27.61 1.21 0.00	23.37 1.26 0.00	20.00 1.20 0.00	21.88 1.39 -0.29	25.97 1.44 -3.34	27.47 1.72 0.00	27.49 1.67 0.00	29.11 1.78 0.00	33.11 2.09 0.00	32.38 2.12 0.00	41.61 2.38 0.00	49.75 2.45 0.00	51.32 1.99 0.00	47.20 1.82 0.00	50.29 2.31 0.00	49.95 2.38 0.00	37.88 1.79 0.00
BURROWS___LYONSDAL 23803	29.72 0.66 0.00	27.44 0.49 0.00	25.29 0.42 0.00	25.62 0.52 0.00	27.04 0.51 0.00	27.02 0.45 0.00	26.12 0.40 0.00	26.78 0.38 0.00	22.33 0.21 0.00	18.88 0.08 0.00	20.24 0.03 0.00	21.19 0.00 0.00	25.78 0.03 0.00	25.95 0.13 0.00	27.47 0.13 0.00	31.13 0.12 0.00	30.49 0.23 0.00	40.02 0.78 0.00	48.63 1.33 0.00	50.83 1.50 0.00	46.68 1.30 0.00	49.44 1.46 0.00	48.65 1.08 0.00	36.81 0.72 0.00
CAITHNESS_CC_1 323624	30.97 1.91 0.00	28.53 1.58 0.00	26.25 1.38 0.00	26.35 1.25 0.00	27.81 1.28 0.00	27.91 1.33 0.00	27.09 1.38 0.00	27.92 1.52 0.00	23.58 1.46 0.00	20.14 1.34 0.00	22.10 1.61 -0.29	26.17 1.66 -3.33	27.73 1.98 0.00	27.75 1.93 0.00	29.46 2.12 0.00	33.36 2.34 0.00	32.39 2.13 0.00	41.84 2.59 -0.01	49.49 2.19 0.00	50.60 1.27 0.00	46.76 1.38 0.00	50.07 2.09 0.00	49.40 1.83 0.00	37.83 1.75 0.00
CALPINE BETH_PAGE_GT4 24209	30.75 1.69 0.00	28.40 1.45 0.00	26.12 1.26 0.00	26.23 1.13 0.00	27.69 1.16 0.00	27.78 1.21 0.00	26.96 1.25 0.00	27.79 1.39 0.00	23.49 1.37 0.00	20.06 1.27 0.00	21.99 1.50 -0.29	26.05 1.54 -3.33	27.55 1.81 0.00	27.64 1.82 0.00	29.27 1.93 0.00	33.21 2.20 0.00	32.29 2.03 0.00	41.63 2.38 -0.01	49.45 2.16 0.00	50.80 1.47 0.00	46.90 1.53 0.00	50.11 2.13 0.00	49.77 2.20 0.00	37.96 1.87 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.75 1.69 0.00	28.40 1.45 0.00	26.12 1.25 0.00	26.24 1.13 0.00	27.69 1.16 0.00	27.78 1.21 0.00	26.97 1.26 0.00	27.79 1.39 0.00	23.48 1.37 0.00	20.06 1.27 0.00	22.00 1.50 -0.29	26.05 1.54 -3.33	27.56 1.81 0.00	27.64 1.82 0.00	29.27 1.93 0.00	33.21 2.20 0.00	32.29 2.03 0.00	41.63 2.38 -0.01	49.44 2.15 0.00	50.79 1.47 0.00	46.90 1.53 0.00	50.11 2.13 0.00	49.77 2.20 0.00	37.96 1.87 0.00
CALPINE_BP_GT1 23823	30.75 1.69 0.00	28.40 1.45 0.00	26.12 1.25 0.00	26.24 1.13 0.00	27.69 1.16 0.00	27.78 1.21 0.00	26.97 1.26 0.00	27.79 1.39 0.00	23.48 1.37 0.00	20.06 1.27 0.00	22.00 1.50 -0.29	26.05 1.54 -3.33	27.56 1.81 0.00	27.64 1.82 0.00	29.27 1.93 0.00	33.21 2.20 0.00	32.29 2.03 0.00	41.63 2.38 -0.01	49.44 2.15 0.00	50.79 1.47 0.00	46.90 1.53 0.00	50.11 2.13 0.00	49.77 2.20 0.00	37.96 1.87 0.00
CALSPAN___DRP 24200	27.42 -1.65 0.00	25.39 -1.57 0.00	23.43 -1.44 0.00	23.79 -1.32 0.00	25.05 -1.47 0.00	25.09 -1.48 0.00	24.25 -1.47 0.00	25.26 -1.15 0.00	21.30 -0.82 0.00	18.12 -0.68 0.00	19.57 -0.63 0.00	20.53 -0.65 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.55 -0.79 0.00	30.03 -0.99 0.00	28.97 -1.29 0.00	37.55 -1.69 0.00	45.52 -1.77 0.00	48.45 -0.88 0.00	44.56 -0.82 0.00	46.80 -1.19 0.00	46.72 -0.85 0.00	35.28 -0.80 0.00

CALVERTON___SOLAR 323806	31.18 2.12 0.00	28.72 1.77 0.00	26.41 1.54 0.00	26.52 1.42 0.00	27.99 1.46 0.00	28.08 1.50 0.00	27.26 1.55 0.00	28.09 1.69 0.00	23.71 1.59 0.00	20.25 1.45 0.00	22.24 1.75 -0.29	26.33 1.81 -3.33	27.91 2.16 0.00	27.91 2.09 0.00	29.63 2.29 0.00	33.52 2.50 0.00	32.52 2.26 0.00	42.09 2.84 -0.01	49.74 2.45 0.00	50.79 1.46 0.00	46.91 1.54 0.00	50.19 2.21 0.00	49.46 1.88 0.00	37.94 1.86 0.00
CANDIGU_WT_PWR 323617	28.05 -1.02 0.00	25.98 -0.97 0.00	23.95 -0.92 0.00	24.35 -0.75 0.00	25.72 -0.81 0.00	25.78 -0.79 0.00	24.90 -0.81 0.00	25.75 -0.65 0.00	21.47 -0.65 0.00	18.17 -0.63 0.00	19.52 -0.69 0.00	20.48 -0.71 0.00	24.83 -0.92 0.00	24.84 -0.98 0.00	26.40 -0.94 0.00	29.90 -1.11 0.00	29.22 -1.04 0.00	38.12 -1.12 0.00	46.41 -0.88 0.00	49.13 -0.19 0.00	45.61 -0.32 -0.56	47.44 -0.55 0.00	47.03 -0.54 0.00	35.61 -0.47 0.00
CARR STREET_E_SYR 24060	28.54 -0.53 0.00	26.48 -0.47 0.00	24.43 -0.43 0.00	24.68 -0.43 0.00	26.06 -0.47 0.00	26.10 -0.48 0.00	25.19 -0.52 0.00	25.85 -0.56 0.00	21.61 -0.50 0.00	18.35 -0.44 0.00	19.73 -0.47 0.00	20.71 -0.47 0.00	25.22 -0.53 0.00	25.30 -0.52 0.00	26.81 -0.53 0.00	30.42 -0.59 0.00	29.73 -0.53 0.00	38.62 -0.62 0.00	46.64 -0.65 0.00	48.76 -0.57 0.00	44.82 -0.56 0.00	47.28 -0.70 0.00	46.82 -0.75 0.00	35.49 -0.60 0.00
CARTHAGE___PAPER 23857	30.12 1.05 0.00	27.72 0.78 0.00	25.54 0.67 0.00	25.94 0.83 0.00	27.36 0.83 0.00	27.29 0.72 0.00	26.37 0.65 0.00	27.01 0.61 0.00	22.43 0.31 0.00	18.88 0.08 0.00	20.19 -0.01 0.00	21.11 -0.07 0.00	25.69 -0.06 0.00	25.98 0.16 0.00	27.51 0.17 0.00	31.06 0.05 0.00	30.38 0.12 0.00	40.53 1.30 0.00	49.54 2.25 0.00	51.85 2.53 0.00	47.54 2.16 0.00	50.39 2.41 0.00	49.35 1.78 0.00	37.25 1.17 0.00
CASSADAGA_WT_PWR 323784	27.73 -1.33 0.00	25.56 -1.39 0.00	23.57 -1.30 0.00	24.09 -1.01 0.00	25.45 -1.07 0.00	25.54 -1.04 0.00	24.60 -1.11 0.00	25.72 -0.68 0.00	21.71 -0.40 0.00	18.52 -0.28 0.00	20.01 -0.19 0.00	20.86 -0.32 0.00	25.33 -0.42 0.00	25.44 -0.38 0.00	27.10 -0.24 0.00	30.57 -0.44 0.00	29.66 -0.60 0.00	38.53 -0.71 0.00	46.91 -0.38 0.00	49.82 0.49 1.11	44.46 0.19 0.00	47.82 -0.16 0.00	47.46 -0.11 0.00	35.86 -0.22 0.00
CE_DUNWOOD___DRP 24194	30.10 1.03 0.00	27.86 0.91 0.00	25.67 0.81 0.00	25.81 0.71 0.00	27.24 0.71 0.00	27.33 0.75 0.00	26.53 0.82 0.00	27.36 0.95 0.00	23.11 0.99 0.00	19.75 0.95 0.00	21.61 1.10 -0.30	25.80 1.13 -3.48	27.09 1.34 0.00	27.14 1.31 0.00	28.74 1.41 0.00	32.69 1.68 0.00	31.97 1.71 0.00	41.15 1.91 0.00	49.26 1.97 0.00	50.86 1.53 0.00	46.77 1.40 0.00	49.70 1.72 0.00	49.32 1.75 0.00	37.41 1.33 0.00
CE_MILLWOOD___DRP 24193	30.03 0.97 0.00	27.81 0.86 0.00	25.62 0.76 0.00	25.76 0.66 0.00	27.19 0.66 0.00	27.28 0.70 0.00	26.49 0.78 0.00	27.30 0.90 0.00	23.06 0.94 0.00	19.70 0.90 0.00	21.56 1.04 -0.31	25.77 1.07 -3.52	27.02 1.27 0.00	27.06 1.24 0.00	28.66 1.33 0.00	32.60 1.59 0.00	31.88 1.62 0.00	41.06 1.82 0.00	49.18 1.89 0.00	50.78 1.45 0.00	46.70 1.33 0.00	49.61 1.62 0.00	49.22 1.65 0.00	37.32 1.24 0.00
CE_NYC2_DRP 24202	30.20 1.14 0.00	27.99 1.04 0.00	25.78 0.91 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.41 0.83 0.00	26.63 0.91 0.00	27.45 1.05 0.00	23.25 1.13 0.00	19.89 1.09 0.00	21.76 1.26 -0.29	25.82 1.29 -3.34	27.29 1.54 0.00	27.32 1.50 0.00	28.91 1.57 0.00	32.88 1.87 0.00	32.15 1.89 0.00	41.28 2.05 0.00	49.28 1.98 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.80 1.82 0.00	49.51 1.94 0.00	37.55 1.47 0.00
CE_NYC_DRP 24195	30.24 1.18 0.00	28.00 1.05 0.00	25.80 0.93 0.00	25.93 0.82 0.00	27.34 0.81 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.49 1.09 0.00	23.27 1.15 0.00	19.90 1.10 0.00	21.78 1.28 -0.29	25.85 1.32 -3.34	27.32 1.57 0.00	27.34 1.52 0.00	28.96 1.62 0.00	32.93 1.91 0.00	32.20 1.94 0.00	41.36 2.13 0.00	49.45 2.16 0.00	50.99 1.67 0.00	46.92 1.54 0.00	49.96 1.98 0.00	49.65 2.08 0.00	37.64 1.56 0.00
CHAFFEE___LFGE 323603	27.54 -1.53 0.00	25.48 -1.47 0.00	23.52 -1.34 0.00	23.87 -1.23 0.00	25.14 -1.39 0.00	25.19 -1.39 0.00	24.32 -1.40 0.00	25.34 -1.06 0.00	21.38 -0.74 0.00	18.19 -0.61 0.00	19.64 -0.57 0.00	20.59 -0.60 0.00	24.96 -0.79 0.00	25.00 -0.82 0.00	26.63 -0.71 0.00	30.13 -0.88 0.00	29.12 -1.14 0.00	37.78 -1.46 0.00	45.82 -1.47 0.00	48.71 -0.62 0.00	43.76 -0.60 1.01	47.02 -0.96 0.00	46.88 -0.69 0.00	35.38 -0.70 0.00
CHATEAUG_35_KV_LOAD 355732	29.22 0.16 0.00	27.09 0.13 0.00	25.03 0.17 0.00	25.27 0.17 0.00	26.71 0.18 0.00	26.72 0.14 0.00	25.84 0.13 0.00	26.55 0.14 0.00	22.22 0.11 0.00	18.91 0.11 0.00	20.35 0.15 0.00	21.32 0.13 0.00	25.87 0.12 0.00	25.90 0.08 0.00	27.41 0.07 0.00	31.10 0.09 0.00	30.36 0.10 0.00	39.47 0.23 0.00	47.60 0.30 0.00	49.72 0.39 0.00	45.57 0.19 0.00	48.15 0.17 0.00	47.71 0.14 0.00	36.20 0.11 0.00
CHATEAUG_WT_PWR 323614	29.21 0.14 0.00	27.07 0.12 0.00	25.02 0.16 0.00	25.25 0.15 0.00	26.70 0.18 0.00	26.71 0.13 0.00	25.83 0.12 0.00	26.53 0.13 0.00	22.23 0.12 0.00	18.93 0.13 0.00	20.37 0.16 0.00	21.34 0.15 0.00	25.89 0.14 0.00	25.92 0.10 0.00	27.43 0.09 0.00	31.13 0.12 0.00	30.40 0.14 0.00	39.53 0.29 0.00	47.59 0.30 0.00	49.68 0.35 0.00	45.51 0.13 0.00	48.09 0.10 0.00	47.67 0.10 0.00	36.17 0.09 0.00
CHAT_HIGH_FALL_HYD 323578	29.22 0.16 0.00	27.09 0.13 0.00	25.03 0.17 0.00	25.27 0.17 0.00	26.71 0.18 0.00	26.72 0.14 0.00	25.84 0.13 0.00	26.55 0.14 0.00	22.22 0.11 0.00	18.91 0.11 0.00	20.35 0.15 0.00	21.32 0.13 0.00	25.87 0.12 0.00	25.90 0.08 0.00	27.41 0.07 0.00	31.10 0.09 0.00	30.36 0.10 0.00	39.47 0.23 0.00	47.60 0.30 0.00	49.72 0.39 0.00	45.57 0.19 0.00	48.15 0.17 0.00	47.71 0.14 0.00	36.20 0.11 0.00
CHAUTAUQUA___LFGE 323629	27.58 -1.48 0.00	25.48 -1.48 0.00	23.54 -1.33 0.00	23.98 -1.12 0.00	25.29 -1.24 0.00	25.35 -1.22 0.00	24.43 -1.29 0.00	25.50 -0.90 0.00	21.50 -0.62 0.00	18.32 -0.47 0.00	19.79 -0.42 0.00	20.70 -0.48 0.00	25.10 -0.65 0.00	25.17 -0.65 0.00	26.81 -0.53 0.00	30.27 -0.74 0.00	29.34 -0.92 0.00	38.10 -1.14 0.00	46.28 -1.02 0.00	49.11 -0.21 0.00	43.98 -0.38 1.01	47.32 -0.66 0.00	47.01 -0.56 0.00	35.54 -0.55 0.00
CHERRYST_13_KV_LD 356241	30.31 1.25 0.00	28.08 1.12 0.00	25.87 1.00 0.00	25.99 0.89 0.00	27.41 0.89 0.00	27.51 0.93 0.00	26.72 1.01 0.00	27.56 1.16 0.00	23.33 1.22 0.00	19.96 1.16 0.00	21.84 1.34 -0.29	25.92 1.39 -3.34	27.41 1.66 0.00	27.43 1.61 0.00	29.05 1.71 0.00	33.03 2.02 0.00	32.30 2.04 0.00	41.50 2.26 0.00	49.62 2.33 0.00	51.17 1.84 0.00	47.06 1.68 0.00	50.12 2.14 0.00	49.80 2.22 0.00	37.74 1.66 0.00

CHESTROR_138KV_BK263 355645	29.79 0.73 0.00	27.59 0.64 0.00	25.42 0.55 0.00	25.59 0.48 0.00	27.02 0.49 0.00	27.11 0.53 0.00	26.30 0.58 0.00	27.09 0.69 0.00	22.83 0.72 0.00	19.48 0.68 0.00	20.71 0.78 0.28	18.80 0.80 3.18	26.68 0.93 0.00	26.74 0.92 0.00	28.34 1.01 0.00	32.21 1.20 0.00	31.52 1.26 0.00	40.68 1.44 0.00	48.86 1.57 0.00	50.56 1.24 0.00	46.47 1.10 0.00	49.28 1.29 0.00	48.85 1.28 0.00	37.02 0.94 0.00
CH_MIDHUDSON___DRP 24192	30.05 0.98 0.00	27.82 0.86 0.00	25.63 0.77 0.00	25.78 0.67 0.00	27.20 0.68 0.00	27.31 0.73 0.00	26.50 0.79 0.00	27.30 0.90 0.00	23.01 0.90 0.00	19.63 0.83 0.00	21.15 0.95 0.00	22.15 0.97 0.00	26.89 1.14 0.00	26.95 1.13 0.00	28.54 1.20 0.00	32.48 1.47 0.00	31.80 1.54 0.00	41.01 1.77 0.00	49.19 1.90 0.00	50.91 1.58 0.00	46.85 1.48 0.00	49.67 1.69 0.00	49.24 1.67 0.00	37.31 1.23 0.00
CH_MISC_IPPS 23765	30.17 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.78 0.00	27.31 0.78 0.00	27.41 0.84 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.71 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.75 0.00	41.33 2.09 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00
CH_RES_BVR_FALLS 23983	29.05 -0.01 0.00	26.94 -0.01 0.00	24.84 -0.02 0.00	25.11 0.00 0.00	26.53 0.00 0.00	26.56 -0.02 0.00	25.69 -0.03 0.00	26.37 -0.03 0.00	22.11 0.00 0.00	18.80 0.00 0.00	20.21 0.00 0.00	21.18 0.00 0.00	25.75 0.00 0.00	25.82 0.00 0.00	27.34 0.00 0.00	31.01 0.00 0.00	30.24 -0.02 0.00	39.24 0.00 0.00	47.29 -0.01 0.00	49.35 0.03 0.00	45.34 -0.04 0.00	47.94 -0.04 0.00	47.53 -0.04 0.00	36.05 -0.04 0.00
CH_RES_NIAGARA 23895	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
CH_RES_SYRACUSE 23985	28.68 -0.38 0.00	26.62 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.39 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.80 -0.44 0.00	46.91 -0.38 0.00	49.04 -0.28 0.00	45.04 -0.33 0.00	47.54 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
CLINTON_WT_PWR 323605	29.21 0.14 0.00	27.07 0.12 0.00	25.02 0.16 0.00	25.25 0.15 0.00	26.70 0.18 0.00	26.71 0.13 0.00	25.83 0.12 0.00	26.53 0.13 0.00	22.23 0.12 0.00	18.93 0.13 0.00	20.37 0.16 0.00	21.34 0.15 0.00	25.89 0.14 0.00	25.92 0.10 0.00	27.43 0.09 0.00	31.13 0.12 0.00	30.40 0.14 0.00	39.53 0.29 0.00	47.59 0.30 0.00	49.68 0.35 0.00	45.51 0.13 0.00	48.09 0.10 0.00	47.67 0.10 0.00	36.17 0.09 0.00
CLINTON___LFGE 323618	29.57 0.51 0.00	27.38 0.43 0.00	25.31 0.44 0.00	25.53 0.42 0.00	27.01 0.48 0.00	27.04 0.46 0.00	26.15 0.43 0.00	26.84 0.44 0.00	22.44 0.33 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.14 0.32 0.00	27.69 0.35 0.00	31.42 0.40 0.00	30.76 0.49 0.00	40.00 0.77 0.00	48.26 0.96 0.00	50.39 1.06 0.00	46.17 0.79 0.00	48.72 0.74 0.00	48.23 0.66 0.00	36.62 0.53 0.00
COBBLENY_34_KV_TB1 80064	27.54 -1.53 0.00	25.48 -1.47 0.00	23.52 -1.35 0.00	23.87 -1.24 0.00	25.14 -1.39 0.00	25.19 -1.39 0.00	24.33 -1.38 0.00	25.34 -1.06 0.00	21.37 -0.75 0.00	18.19 -0.61 0.00	19.64 -0.57 0.00	20.59 -0.59 0.00	24.96 -0.79 0.00	25.00 -0.81 0.00	26.63 -0.71 0.00	30.13 -0.88 0.00	29.11 -1.15 0.00	37.78 -1.46 0.00	45.82 -1.47 0.00	48.71 -0.62 0.00	44.77 -0.60 0.00	47.03 -0.96 0.00	46.88 -0.69 0.00	35.39 -0.70 0.00
COFFEEN___115KV_TB3 355620	30.05 0.99 0.00	27.66 0.71 0.00	25.48 0.61 0.00	25.88 0.78 0.00	27.30 0.77 0.00	27.25 0.67 0.00	26.31 0.60 0.00	26.93 0.53 0.00	22.33 0.21 0.00	18.76 -0.04 0.00	20.07 -0.13 0.00	21.01 -0.18 0.00	25.57 -0.17 0.00	25.92 0.10 0.00	27.42 0.08 0.00	30.97 -0.04 0.00	30.33 0.07 0.00	40.69 1.45 0.00	49.76 2.47 0.00	52.04 2.71 0.00	47.74 2.36 0.00	50.55 2.56 0.00	49.39 1.82 0.00	37.27 1.18 0.00
COLDSPRG_115KV_BK1 355956	28.26 -0.80 0.00	26.12 -0.83 0.00	24.09 -0.77 0.00	24.55 -0.55 0.00	25.90 -0.63 0.00	25.97 -0.61 0.00	25.08 -0.63 0.00	26.14 -0.26 0.00	22.03 -0.09 0.00	18.78 -0.03 0.00	20.24 0.04 0.00	21.15 -0.04 0.00	25.63 -0.12 0.00	25.68 -0.14 0.00	27.28 -0.06 0.00	30.77 -0.24 0.00	29.93 -0.33 0.00	38.94 -0.29 0.00	47.46 0.17 0.00	50.16 0.83 0.00	45.88 0.50 0.00	48.20 0.22 0.00	47.78 0.21 0.00	36.10 0.02 0.00
COLONIE_LFGE___ 323577	29.82 0.76 0.00	27.63 0.68 0.00	25.51 0.64 0.00	25.68 0.58 0.00	27.14 0.61 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.13 0.73 0.00	22.64 0.52 0.00	19.19 0.39 0.00	20.55 0.31 -0.04	21.93 0.33 -0.41	26.17 0.42 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.56 0.54 0.00	30.79 0.53 0.00	39.92 0.68 0.00	48.26 0.96 0.00	50.27 0.94 0.00	46.45 1.07 0.00	49.20 1.22 0.00	48.83 1.26 0.00	37.05 0.97 0.00
COOPERNY_115KV_TB1 80082	29.52 0.46 0.00	27.36 0.40 0.00	25.21 0.34 0.00	25.41 0.31 0.00	26.84 0.32 0.00	26.92 0.34 0.00	26.10 0.38 0.00	26.87 0.47 0.00	22.61 0.49 0.00	19.27 0.48 0.00	20.61 0.54 0.13	20.22 0.55 1.51	26.38 0.64 0.00	26.44 0.62 0.00	28.02 0.68 0.00	31.81 0.80 0.00	31.12 0.85 0.00	40.21 0.97 0.00	48.32 1.03 0.00	50.12 0.79 0.00	46.08 0.70 0.00	48.82 0.84 0.00	48.40 0.83 0.00	36.69 0.60 0.00
COPENHAGEN_WT_PWR 323753	29.75 0.69 0.00	27.36 0.41 0.00	25.21 0.35 0.00	25.65 0.54 0.00	27.06 0.53 0.00	26.97 0.39 0.00	26.03 0.31 0.00	26.65 0.25 0.00	22.16 0.05 0.00	18.69 -0.11 0.00	20.01 -0.19 0.00	20.94 -0.24 0.00	25.48 -0.28 0.00	25.78 -0.04 0.00	27.26 -0.07 0.00	30.75 -0.26 0.00	30.03 -0.23 0.00	40.15 0.91 0.00	49.07 1.78 0.00	51.27 1.94 0.00	47.02 1.64 0.00	49.88 1.90 0.00	48.73 1.16 0.00	36.82 0.73 0.00
CORNELL_____ 23752	29.13 0.07 0.00	27.02 0.07 0.00	24.90 0.03 0.00	25.14 0.03 0.00	26.54 0.01 0.00	26.62 0.05 0.00	25.72 0.01 0.00	26.41 0.01 0.00	22.03 -0.09 0.00	18.60 -0.20 0.00	19.90 -0.31 0.00	20.88 -0.31 0.00	25.40 -0.35 0.00	25.48 -0.34 0.00	27.00 -0.34 0.00	30.64 -0.37 0.00	30.09 -0.17 0.00	39.29 0.05 0.00	47.77 0.48 0.00	50.17 0.84 0.00	46.12 0.74 0.00	48.62 0.63 0.00	48.03 0.46 0.00	36.35 0.26 0.00

CORONA_V_69_KV_TB1 355595	30.58 1.52 0.00	28.26 1.31 0.00	26.01 1.14 0.00	26.13 1.03 0.00	27.57 1.05 0.00	27.66 1.08 0.00	26.83 1.12 0.00	27.65 1.25 0.00	23.38 1.26 0.00	19.98 1.18 0.00	21.93 1.43 -0.29	25.99 1.47 -3.33	27.52 1.77 0.00	27.59 1.77 0.00	29.25 1.91 0.00	33.23 2.22 0.00	32.45 2.19 0.00	41.81 2.57 -0.01	49.80 2.51 0.00	51.09 1.77 0.00	47.10 1.73 0.00	50.21 2.23 0.00	49.67 2.10 0.00	37.77 1.69 0.00
CORTLAND_115KV_TB3 80093	29.00 -0.06 0.00	26.89 -0.06 0.00	24.80 -0.06 0.00	25.05 -0.05 0.00	26.44 -0.08 0.00	26.51 -0.06 0.00	25.61 -0.10 0.00	26.31 -0.09 0.00	21.98 -0.14 0.00	18.61 -0.19 0.00	19.96 -0.25 0.00	20.94 -0.24 0.00	25.48 -0.27 0.00	25.55 -0.27 0.00	27.07 -0.27 0.00	30.74 -0.27 0.00	30.14 -0.13 0.00	39.24 0.00 0.00	47.53 0.23 0.00	49.73 0.40 0.00	45.70 0.33 0.00	48.21 0.23 0.00	47.69 0.12 0.00	36.12 0.03 0.00
COXSACKIE___GT 23611	30.43 1.37 0.00	28.15 1.20 0.00	25.96 1.09 0.00	26.17 1.07 0.00	27.67 1.14 0.00	27.78 1.20 0.00	26.96 1.25 0.00	27.71 1.32 0.00	23.04 0.92 0.00	19.35 0.55 0.00	20.74 0.54 0.00	21.69 0.51 0.00	26.38 0.63 0.00	26.47 0.66 0.00	28.17 0.83 0.00	31.90 0.89 0.00	31.22 0.97 0.00	40.82 1.59 0.00	49.77 2.48 0.00	52.04 2.71 0.00	48.03 2.65 0.00	50.63 2.65 0.00	50.05 2.48 0.00	37.90 1.81 0.00
CPV_VALLEY___CC1 323721	29.59 0.53 0.00	27.41 0.46 0.00	25.25 0.39 0.00	25.43 0.33 0.00	26.86 0.33 0.00	26.95 0.37 0.00	26.14 0.42 0.00	26.92 0.52 0.00	22.69 0.57 0.00	19.36 0.56 0.18	20.66 0.64 2.10	19.74 0.66 0.00	26.51 0.76 0.00	26.56 0.74 0.00	28.15 0.81 0.00	31.98 0.96 0.00	31.27 1.01 0.00	40.34 1.11 0.00	48.44 1.14 0.00	50.14 0.81 0.00	46.11 0.73 0.00	48.89 0.91 0.00	48.47 0.90 0.00	36.75 0.67 0.00
CPV_VALLEY___CC2 323722	29.59 0.53 0.00	27.41 0.46 0.00	25.25 0.39 0.00	25.43 0.33 0.00	26.86 0.33 0.00	26.95 0.37 0.00	26.14 0.42 0.00	26.92 0.52 0.00	22.69 0.57 0.00	19.36 0.56 0.18	20.66 0.64 0.00	19.74 0.66 2.10	26.51 0.76 0.00	26.56 0.74 0.00	28.15 0.81 0.00	31.98 0.96 0.00	31.27 1.01 0.00	40.34 1.11 0.00	48.44 1.14 0.00	50.14 0.81 0.00	46.11 0.73 0.00	48.89 0.91 0.00	48.47 0.90 0.00	36.75 0.67 0.00
CRESCENT___HYD 24018	29.82 0.76 0.00	27.63 0.68 0.00	25.51 0.64 0.00	25.68 0.58 0.00	27.14 0.61 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.13 0.73 0.00	22.64 0.52 0.00	19.19 0.39 0.00	20.55 0.31 -0.04	21.93 0.33 -0.41	26.17 0.42 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.56 0.54 0.00	30.79 0.53 0.00	39.92 0.68 0.00	48.26 0.96 0.00	50.27 0.94 0.00	46.45 1.07 0.00	49.20 1.22 0.00	48.83 1.26 0.00	37.05 0.97 0.00
CRICKET___VALLEY_CC1 323756	29.82 0.76 0.00	27.61 0.66 0.00	25.45 0.58 0.00	25.56 0.45 0.00	26.95 0.42 0.00	27.06 0.48 0.00	26.27 0.56 0.00	27.07 0.67 0.00	22.81 0.69 0.00	19.46 0.67 0.00	21.10 0.80 -0.10	23.07 0.79 -1.09	26.68 0.93 0.00	26.70 0.88 0.00	28.26 0.92 0.00	32.19 1.17 0.00	31.51 1.25 0.00	40.56 1.32 0.00	48.64 1.35 0.00	50.36 1.04 0.00	46.40 1.02 0.00	49.15 1.17 0.00	48.76 1.19 0.00	36.97 0.89 0.00
CRICKET___VALLEY_CC2 323757	29.82 0.76 0.00	27.61 0.66 0.00	25.45 0.58 0.00	25.56 0.45 0.00	26.95 0.42 0.00	27.06 0.48 0.00	26.27 0.56 0.00	27.07 0.67 0.00	22.81 0.69 0.00	19.46 0.67 0.00	21.10 0.80 -0.10	23.07 0.79 -1.09	26.68 0.93 0.00	26.70 0.88 0.00	28.26 0.92 0.00	32.19 1.17 0.00	31.51 1.25 0.00	40.56 1.32 0.00	48.64 1.35 0.00	50.36 1.04 0.00	46.40 1.02 0.00	49.15 1.17 0.00	48.76 1.19 0.00	36.97 0.89 0.00
CRICKET___VALLEY_CC3 323758	29.82 0.76 0.00	27.61 0.66 0.00	25.45 0.58 0.00	25.56 0.45 0.00	26.95 0.42 0.00	27.06 0.48 0.00	26.27 0.56 0.00	27.07 0.67 0.00	22.81 0.69 0.00	19.46 0.67 0.00	21.10 0.80 -0.10	23.07 0.79 -1.09	26.68 0.93 0.00	26.70 0.88 0.00	28.26 0.92 0.00	32.19 1.17 0.00	31.51 1.25 0.00	40.56 1.32 0.00	48.64 1.35 0.00	50.36 1.04 0.00	46.40 1.02 0.00	49.15 1.17 0.00	48.76 1.19 0.00	36.97 0.89 0.00
CRUCIBLE_METL_DRP 24180	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
DAHOWA___HYDRO 323763	30.23 1.17 0.00	28.00 1.05 0.00	25.85 0.99 0.00	26.03 0.92 0.00	27.50 0.97 0.00	27.63 1.05 0.00	26.82 1.11 0.00	27.50 1.10 0.00	22.81 0.70 0.00	19.20 0.40 0.00	20.42 0.21 0.00	21.36 0.18 0.00	26.04 0.29 0.00	26.14 0.32 0.00	27.65 0.31 0.00	31.48 0.47 0.00	30.87 0.61 0.00	40.43 1.19 0.00	49.33 2.03 0.00	51.42 2.10 0.00	47.55 2.17 0.00	50.15 2.16 0.00	49.68 2.11 0.00	37.63 1.55 0.00
DANC___LFGE 323619	29.22 0.16 0.00	26.97 0.02 0.00	24.86 -0.01 0.00	25.22 0.12 0.00	26.62 0.09 0.00	26.58 0.00 0.00	25.65 -0.07 0.00	26.28 -0.12 0.00	21.89 -0.23 0.00	18.49 -0.31 0.00	19.83 -0.38 0.00	20.76 -0.42 0.00	25.27 -0.47 0.00	25.49 -0.33 0.00	26.96 -0.37 0.00	30.45 -0.57 0.00	29.74 -0.52 0.00	39.39 0.15 0.00	47.95 0.66 0.00	50.11 0.78 0.00	46.02 0.64 0.00	48.79 0.80 0.00	47.88 0.31 0.00	36.22 0.13 0.00
DANSKAMMER___1 23586	30.17 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.78 0.00	27.31 0.78 0.00	27.41 0.84 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.71 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.75 0.00	41.33 2.09 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00
DANSKAMMER___2 23589	30.17 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.78 0.00	27.31 0.78 0.00	27.41 0.84 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.71 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.75 0.00	41.33 2.09 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00
DANSKAMMER___3 23590	30.17 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.78 0.00	27.31 0.78 0.00	27.41 0.84 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.71 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.75 0.00	41.33 2.09 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00

DANSKAMMER___4 23591	30.17 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.78 0.00	27.31 0.78 0.00	27.41 0.84 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.71 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.75 0.00	41.33 2.09 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00
DANSKAMMER___DIESEL 23592	30.18 1.11 0.00	27.93 0.98 0.00	25.73 0.86 0.00	25.88 0.77 0.00	27.32 0.79 0.00	27.41 0.84 0.00	26.61 0.90 0.00	27.42 1.02 0.00	23.11 0.99 0.00	19.72 0.92 0.00	21.25 1.04 0.00	22.26 1.07 0.00	27.02 1.27 0.00	27.09 1.26 0.00	28.70 1.36 0.00	32.68 1.66 0.00	32.01 1.76 0.00	41.33 2.10 0.00	49.58 2.29 0.00	51.30 1.97 0.00	47.17 1.79 0.00	49.98 2.00 0.00	49.51 1.94 0.00	37.50 1.42 0.00
DARBY___SOLAR 323810	30.11 1.05 0.00	27.89 0.94 0.00	25.75 0.89 0.00	25.94 0.83 0.00	27.40 0.88 0.00	27.53 0.95 0.00	26.71 1.00 0.00	27.39 0.99 0.00	22.74 0.63 0.00	19.16 0.36 0.00	20.40 0.19 0.00	21.35 0.17 0.00	26.01 0.26 0.00	26.12 0.30 0.00	27.60 0.26 0.00	31.43 0.41 0.00	30.82 0.56 0.00	40.25 1.02 0.00	49.01 1.72 0.00	51.09 1.76 0.00	47.23 1.86 0.00	49.88 1.89 0.00	49.44 1.87 0.00	37.46 1.38 0.00
DASHVILLE___HYD 23610	29.85 0.79 0.00	27.64 0.69 0.00	25.46 0.59 0.00	25.63 0.52 0.00	27.05 0.53 0.00	27.16 0.58 0.00	26.35 0.63 0.00	27.15 0.75 0.00	22.89 0.77 0.00	19.54 0.74 0.00	21.05 0.85 0.00	22.05 0.86 0.00	26.76 1.01 0.00	26.80 0.98 0.00	28.40 1.06 0.00	32.31 1.30 0.00	31.64 1.38 0.00	40.79 1.55 0.00	48.92 1.62 0.00	50.62 1.30 0.00	46.59 1.21 0.00	49.37 1.38 0.00	48.93 1.36 0.00	37.06 0.97 0.00
DELAWARE___LFGE 323621	29.50 0.45 0.00	27.33 0.38 0.00	25.20 0.33 0.00	25.47 0.36 0.00	26.96 0.43 0.00	27.03 0.45 0.00	26.18 0.46 0.00	26.90 0.50 0.00	22.58 0.46 0.00	19.21 0.41 0.00	20.63 0.43 0.00	21.63 0.45 0.00	26.27 0.52 0.00	26.34 0.52 0.00	27.87 0.54 0.00	31.62 0.60 0.00	30.95 0.69 0.00	40.10 0.86 0.00	48.25 0.96 0.00	50.22 0.89 0.00	46.24 0.86 0.00	48.90 0.91 0.00	48.43 0.86 0.00	36.70 0.61 0.00
DERFIELD_115KV_TB7 355931	29.11 0.05 0.00	26.98 0.03 0.00	24.89 0.02 0.00	25.13 0.02 0.00	26.55 0.03 0.00	26.61 0.03 0.00	25.76 0.05 0.00	26.43 0.03 0.00	22.12 0.00 0.00	18.80 0.00 0.00	20.18 -0.02 0.00	21.16 -0.02 0.00	25.73 -0.02 0.00	25.82 0.00 0.00	27.32 -0.02 0.00	31.00 -0.02 0.00	30.26 0.00 0.00	39.25 0.01 0.00	47.33 0.04 0.00	49.34 0.01 0.00	45.42 0.05 0.00	48.06 0.08 0.00	47.64 0.07 0.00	36.16 0.07 0.00
DOGLEVILLE___HYD 23807	29.57 0.51 0.00	27.31 0.36 0.00	25.20 0.33 0.00	25.36 0.26 0.00	26.78 0.26 0.00	26.87 0.29 0.00	26.14 0.43 0.00	26.69 0.29 0.00	21.88 -0.23 0.00	18.39 -0.41 0.00	19.60 -0.60 0.00	20.63 -0.55 0.00	25.23 -0.52 0.00	25.27 -0.55 0.00	26.66 -0.68 0.00	30.36 -0.65 0.00	29.67 -0.59 0.00	38.96 -0.27 0.00	47.65 0.35 0.00	49.84 0.52 0.00	46.05 0.67 0.00	49.09 1.11 0.00	48.56 0.99 0.00	36.80 0.72 0.00
DUNKIRK__115KV_TB_200 55889	27.56 -1.50 0.00	25.47 -1.49 0.00	23.53 -1.34 0.00	23.97 -1.14 0.00	25.26 -1.26 0.00	25.33 -1.25 0.00	24.42 -1.29 0.00	25.48 -0.92 0.00	21.47 -0.65 0.00	18.30 -0.50 0.00	19.76 -0.45 0.00	20.69 -0.50 0.00	25.07 -0.68 0.00	25.13 -0.69 0.00	26.77 -0.56 0.00	30.23 -0.79 0.00	29.30 -0.96 0.00	38.04 -1.20 0.00	46.20 -1.10 0.00	49.02 -0.31 0.00	44.91 -0.47 0.00	47.24 -0.75 0.00	46.94 -0.63 0.00	35.48 -0.60 0.00
DUNKIRK___1 23563	27.56 -1.50 0.00	25.47 -1.49 0.00	23.53 -1.34 0.00	23.97 -1.14 0.00	25.26 -1.26 0.00	25.33 -1.25 0.00	24.42 -1.29 0.00	25.48 -0.92 0.00	21.47 -0.65 0.00	18.30 -0.50 0.00	19.76 -0.45 0.00	20.69 -0.50 0.00	25.07 -0.68 0.00	25.13 -0.69 0.00	26.77 -0.56 0.00	30.23 -0.79 0.00	29.30 -0.96 0.00	38.04 -1.20 0.00	46.20 -1.10 0.00	49.02 -0.31 0.00	44.91 -0.47 0.00	47.24 -0.75 0.00	46.94 -0.63 0.00	35.48 -0.60 0.00
DUNKIRK___2 23564	27.56 -1.50 0.00	25.47 -1.49 0.00	23.53 -1.34 0.00	23.97 -1.14 0.00	25.26 -1.26 0.00	25.33 -1.25 0.00	24.42 -1.29 0.00	25.48 -0.92 0.00	21.47 -0.65 0.00	18.30 -0.50 0.00	19.76 -0.45 0.00	20.69 -0.50 0.00	25.07 -0.68 0.00	25.13 -0.69 0.00	26.77 -0.56 0.00	30.23 -0.79 0.00	29.30 -0.96 0.00	38.04 -1.20 0.00	46.20 -1.10 0.00	49.02 -0.31 0.00	44.91 -0.47 0.00	47.24 -0.75 0.00	46.94 -0.63 0.00	35.48 -0.60 0.00
DUNKIRK___3 23565	27.50 -1.57 0.00	25.43 -1.52 0.00	23.49 -1.38 0.00	23.89 -1.21 0.00	25.18 -1.34 0.00	25.25 -1.33 0.00	24.36 -1.35 0.00	25.38 -1.01 0.00	21.40 -0.72 0.00	18.23 -0.57 0.00	19.68 -0.53 0.00	20.61 -0.57 0.00	24.98 -0.77 0.00	25.03 -0.79 0.00	26.66 -0.67 0.00	30.12 -0.90 0.00	29.17 -1.09 0.00	37.86 -1.37 0.00	45.94 -1.36 0.00	48.74 -0.59 0.00	44.68 -0.70 0.00	46.99 -0.99 0.00	46.75 -0.82 0.00	35.34 -0.75 0.00
DUNKIRK___4 23566	27.50 -1.57 0.00	25.43 -1.52 0.00	23.49 -1.38 0.00	23.89 -1.21 0.00	25.18 -1.34 0.00	25.25 -1.33 0.00	24.36 -1.35 0.00	25.38 -1.01 0.00	21.40 -0.72 0.00	18.23 -0.57 0.00	19.68 -0.53 0.00	20.61 -0.57 0.00	24.98 -0.77 0.00	25.03 -0.79 0.00	26.66 -0.67 0.00	30.12 -0.90 0.00	29.17 -1.09 0.00	37.86 -1.37 0.00	45.94 -1.36 0.00	48.74 -0.59 0.00	44.68 -0.70 0.00	46.99 -0.99 0.00	46.75 -0.82 0.00	35.34 -0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.18 1.11 0.00	27.94 0.99 0.00	25.74 0.87 0.00	25.88 0.78 0.00	27.30 0.77 0.00	27.39 0.81 0.00	26.59 0.88 0.00	27.41 1.01 0.00	23.18 1.06 0.00	19.82 1.02 0.00	21.68 1.18 -0.29	25.74 1.21 -3.35	27.20 1.45 0.00	27.24 1.42 0.00	28.85 1.51 0.00	32.81 1.79 0.00	32.08 1.82 0.00	41.29 2.05 0.00	49.37 2.08 0.00	50.94 1.61 0.00	46.85 1.48 0.00	49.81 1.83 0.00	49.45 1.87 0.00	37.51 1.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.96 0.90 0.00	27.74 0.79 0.00	25.55 0.68 0.00	25.71 0.61 0.00	27.15 0.62 0.00	27.24 0.66 0.00	26.43 0.72 0.00	27.24 0.84 0.00	22.96 0.84 0.00	19.59 0.79 0.00	21.00 0.90 0.10	20.96 0.92 1.15	26.82 1.08 0.00	26.88 1.07 0.00	28.50 1.16 0.00	32.41 1.40 0.00	31.73 1.47 0.00	40.98 1.74 0.00	49.18 1.89 0.00	50.91 1.58 0.00	46.79 1.42 0.00	49.61 1.63 0.00	49.17 1.60 0.00	37.24 1.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.16 1.10 0.00	27.97 1.02 0.00	25.74 0.87 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.39 0.82 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.22 1.10 0.00	19.82 1.02 0.00	21.68 1.18 -0.29	25.74 1.22 -3.34	27.19 1.45 0.00	27.26 1.44 0.00	28.84 1.50 0.00	32.79 1.78 0.00	32.08 1.82 0.00	41.24 2.00 0.00	49.25 1.96 0.00	50.90 1.57 0.00	46.86 1.49 0.00	49.83 1.85 0.00	49.52 1.95 0.00	37.52 1.43 0.00

E179THST_13_KV_LOAD 356214	30.31 1.24 0.00	28.10 1.15 0.00	25.85 0.98 0.00	25.97 0.87 0.00	27.39 0.87 0.00	27.51 0.93 0.00	26.73 1.01 0.00	27.54 1.13 0.00	23.32 1.21 0.00	19.91 1.11 0.00	21.78 1.28 -0.29	25.85 1.32 -3.34	27.33 1.58 0.00	27.40 1.58 0.00	28.99 1.65 0.00	32.96 1.95 0.00	32.25 1.98 0.00	41.46 2.22 0.00	49.53 2.24 0.00	51.18 1.85 0.00	47.13 1.75 0.00	50.12 2.13 0.00	49.79 2.22 0.00	37.72 1.63 0.00
EAST HAMPTON___GT 23717	32.01 2.94 0.00	29.39 2.44 0.00	27.02 2.15 0.00	27.16 2.05 0.00	28.72 2.19 0.00	28.72 2.15 0.00	27.86 2.15 0.00	28.74 2.34 0.00	24.11 1.99 0.00	20.76 1.97 0.00	22.94 2.44 -0.29	27.16 2.65 -3.33	28.98 3.23 0.00	29.00 3.18 0.00	30.82 3.49 0.00	34.79 3.77 0.00	33.77 3.51 0.00	43.98 4.73 -0.01	51.75 4.45 0.00	52.08 2.75 0.00	48.05 2.68 0.00	51.24 3.26 0.00	50.02 2.45 0.00	38.46 2.38 0.00
EAST RIVER___6 23660	30.23 1.17 0.00	27.99 1.05 0.00	25.79 0.92 0.00	25.93 0.82 0.00	27.33 0.80 0.00	27.43 0.85 0.00	26.65 0.94 0.00	27.48 1.08 0.00	23.27 1.15 0.00	19.91 1.11 0.00	21.80 1.30 -0.29	25.87 1.34 -3.34	27.35 1.60 0.00	27.37 1.55 0.00	28.99 1.65 0.00	32.97 1.96 0.00	32.24 1.98 0.00	41.42 2.18 0.00	49.52 2.23 0.00	51.06 1.73 0.00	46.96 1.58 0.00	50.01 2.03 0.00	49.68 2.11 0.00	37.66 1.57 0.00
EAST RIVER___7 23524	30.23 1.17 0.00	27.99 1.05 0.00	25.79 0.92 0.00	25.93 0.82 0.00	27.33 0.80 0.00	27.43 0.85 0.00	26.65 0.94 0.00	27.48 1.08 0.00	23.27 1.15 0.00	19.91 1.11 0.00	21.80 1.30 -0.29	25.87 1.34 -3.34	27.35 1.60 0.00	27.37 1.55 0.00	28.99 1.65 0.00	32.97 1.96 0.00	32.24 1.98 0.00	41.42 2.18 0.00	49.52 2.23 0.00	51.06 1.73 0.00	46.96 1.58 0.00	50.01 2.03 0.00	49.68 2.11 0.00	37.66 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.10 1.03 0.00	27.86 0.91 0.00	25.67 0.81 0.00	25.81 0.71 0.00	27.24 0.71 0.00	27.33 0.75 0.00	26.53 0.82 0.00	27.36 0.95 0.00	23.11 0.99 0.00	19.75 0.95 0.00	21.61 1.10 -0.30	25.80 1.13 -3.48	27.09 1.34 0.00	27.14 1.31 0.00	28.74 1.41 0.00	32.69 1.68 0.00	31.97 1.71 0.00	41.15 1.91 0.00	49.26 1.97 0.00	50.86 1.53 0.00	46.77 1.40 0.00	49.70 1.72 0.00	49.32 1.75 0.00	37.41 1.33 0.00
EAST_HAMPTON___DIESEL 23722	32.01 2.94 0.00	29.39 2.44 0.00	27.01 2.15 0.00	27.16 2.05 0.00	28.72 2.19 0.00	28.72 2.14 0.00	27.86 2.15 0.00	28.74 2.34 0.00	24.09 1.97 0.00	20.76 1.96 0.00	22.94 2.44 -0.29	27.16 2.65 -3.33	28.98 3.23 0.00	29.00 3.18 0.00	30.83 3.49 0.00	34.79 3.77 0.00	33.76 3.50 0.00	43.99 4.75 -0.01	51.75 4.45 0.00	52.05 2.72 0.00	48.03 2.65 0.00	51.23 3.24 0.00	49.99 2.42 0.00	38.44 2.35 0.00
EAST_POINT___SOLAR 323840	30.40 1.34 0.00	28.14 1.19 0.00	25.90 1.04 0.00	26.20 1.10 0.00	27.71 1.18 0.00	27.74 1.16 0.00	26.83 1.12 0.00	27.09 0.69 0.00	21.84 -0.28 0.00	18.47 -0.33 0.00	19.85 -0.36 0.00	20.74 -0.45 0.00	25.19 -0.55 0.00	25.34 -0.48 0.00	26.94 -0.39 0.00	30.52 -0.49 0.00	29.71 -0.55 0.00	39.49 0.25 0.00	49.28 1.98 0.00	52.30 2.97 0.00	48.21 2.83 0.00	50.74 2.76 0.00	50.21 2.64 0.00	37.88 1.80 0.00
EAST_PULASKI___ESR 323781	28.75 -0.31 0.00	26.65 -0.30 0.00	24.56 -0.31 0.00	24.84 -0.26 0.00	26.23 -0.30 0.00	26.24 -0.34 0.00	25.32 -0.40 0.00	25.95 -0.46 0.00	21.64 -0.47 0.00	18.32 -0.48 0.00	19.68 -0.53 0.00	20.63 -0.56 0.00	25.12 -0.63 0.00	25.25 -0.57 0.00	26.71 -0.62 0.00	30.22 -0.79 0.00	29.54 -0.73 0.00	38.70 -0.53 0.00	46.96 -0.33 0.00	49.09 -0.24 0.00	45.13 -0.25 0.00	47.77 -0.21 0.00	47.10 -0.47 0.00	35.67 -0.42 0.00
EAST_RIVER___1 323558	30.24 1.17 0.00	28.00 1.05 0.00	25.80 0.93 0.00	25.93 0.83 0.00	27.34 0.81 0.00	27.44 0.86 0.00	26.66 0.95 0.00	27.48 1.08 0.00	23.26 1.15 0.00	19.90 1.10 0.00	21.78 1.28 -0.29	25.86 1.33 -3.34	27.32 1.57 0.00	27.34 1.52 0.00	28.96 1.62 0.00	32.93 1.91 0.00	32.20 1.94 0.00	41.36 2.13 0.00	49.45 2.16 0.00	50.99 1.67 0.00	46.92 1.54 0.00	49.97 1.98 0.00	49.65 2.08 0.00	37.64 1.56 0.00
EAST_RIVER___2 323559	30.23 1.17 0.00	27.99 1.05 0.00	25.79 0.92 0.00	25.93 0.82 0.00	27.33 0.80 0.00	27.43 0.85 0.00	26.65 0.94 0.00	27.48 1.08 0.00	23.27 1.15 0.00	19.91 1.11 0.00	21.80 1.30 -0.29	25.87 1.34 -3.34	27.35 1.60 0.00	27.37 1.55 0.00	28.99 1.65 0.00	32.97 1.96 0.00	32.24 1.98 0.00	41.42 2.18 0.00	49.52 2.23 0.00	51.06 1.73 0.00	46.96 1.58 0.00	50.01 2.03 0.00	49.68 2.11 0.00	37.66 1.57 0.00
EAST___DELAWARE_HYD 23607	29.49 0.43 0.00	27.29 0.34 0.00	25.14 0.27 0.00	25.30 0.20 0.00	26.71 0.19 0.00	26.82 0.24 0.00	26.02 0.31 0.00	26.81 0.41 0.00	22.58 0.46 0.00	19.25 0.45 0.00	20.62 0.50 0.08	20.77 0.49 0.90	26.31 0.56 0.00	26.39 0.57 0.00	27.96 0.62 0.00	31.82 0.81 0.00	31.23 0.97 0.00	40.45 1.22 0.00	48.58 1.29 0.00	50.31 0.98 0.00	46.23 0.85 0.00	48.95 0.97 0.00	48.46 0.89 0.00	36.66 0.57 0.00
EIGHT_POINT___WT_PWR 323820	28.29 -0.78 0.00	26.20 -0.75 0.00	24.03 -0.84 0.00	24.54 -0.57 0.00	26.01 -0.52 0.00	26.08 -0.49 0.00	25.21 -0.50 0.00	26.07 -0.33 0.00	21.68 -0.44 0.00	18.30 -0.50 0.00	19.61 -0.59 0.00	20.56 -0.62 0.00	24.93 -0.82 0.00	24.94 -0.88 0.00	26.50 -0.83 0.00	30.05 -0.96 0.00	29.39 -0.87 0.00	38.50 -0.73 0.00	47.07 -0.22 0.00	50.00 0.67 0.00	45.87 0.49 0.00	48.21 0.23 0.00	47.74 0.17 0.00	36.13 0.05 0.00
ELBRIDGE_115KV_TB2 80188	28.56 -0.50 0.00	26.47 -0.48 0.00	24.45 -0.42 0.00	24.67 -0.43 0.00	26.05 -0.48 0.00	26.12 -0.45 0.00	25.23 -0.49 0.00	25.88 -0.52 0.00	21.63 -0.48 0.00	18.34 -0.45 0.00	19.68 -0.52 0.00	20.68 -0.51 0.00	25.18 -0.57 0.00	25.25 -0.57 0.00	26.77 -0.56 0.00	30.36 -0.66 0.00	29.68 -0.58 0.00	38.57 -0.66 0.00	46.65 -0.64 0.00	48.82 -0.51 0.00	44.82 -0.56 0.00	47.32 -0.66 0.00	46.81 -0.76 0.00	35.48 -0.61 0.00
ELEC_TRO_TEK 24086	30.47 1.41 0.00	28.16 1.21 0.00	25.92 1.05 0.00	26.05 0.94 0.00	27.48 0.95 0.00	27.57 1.00 0.00	26.76 1.04 0.00	27.57 1.17 0.00	23.31 1.19 0.00	19.92 1.12 0.00	21.84 1.35 -0.29	25.90 1.38 -3.33	27.39 1.64 0.00	27.47 1.65 0.00	29.11 1.77 0.00	33.07 2.05 0.00	32.26 2.00 0.00	41.56 2.32 -0.01	49.46 2.17 0.00	50.89 1.57 0.00	46.94 1.57 0.00	50.07 2.09 0.00	49.56 1.99 0.00	37.72 1.63 0.00
ELLENBURG_WT_PWR 323604	29.21 0.14 0.00	27.07 0.12 0.00	25.02 0.16 0.00	25.25 0.15 0.00	26.70 0.18 0.00	26.71 0.13 0.00	25.83 0.12 0.00	26.53 0.13 0.00	22.23 0.12 0.00	18.93 0.13 0.00	20.37 0.16 0.00	21.34 0.15 0.00	25.89 0.14 0.00	25.92 0.10 0.00	27.43 0.09 0.00	31.13 0.12 0.00	30.40 0.14 0.00	39.53 0.29 0.00	47.59 0.30 0.00	49.68 0.35 0.00	45.51 0.13 0.00	48.09 0.10 0.00	47.67 0.10 0.00	36.17 0.09 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.29 -1.77 0.00	25.28 -1.67 0.00	23.34 -1.53 0.00	23.69 -1.41 0.00	24.95 -1.58 0.00	24.99 -1.58 0.00	24.16 -1.56 0.00	25.17 -1.23 0.00	21.24 -0.88 0.00	18.07 -0.73 0.00	19.53 -0.68 0.00	20.47 -0.72 0.00	24.80 -0.95 0.00	24.85 -0.98 0.00	26.45 -0.88 0.00	29.91 -1.10 0.00	28.83 -1.43 0.00	37.34 -1.90 0.00	45.25 -2.05 0.00	48.15 -1.18 0.00	44.29 -1.08 0.00	46.53 -1.45 0.00	46.48 -1.09 0.00	35.12 -0.97 0.00
EMPIRE_CC_1 323656	29.57 0.51 0.00	27.41 0.46 0.00	25.31 0.44 0.00	25.47 0.37 0.00	26.93 0.40 0.00	27.04 0.46 0.00	26.25 0.53 0.00	26.92 0.52 0.00	22.49 0.37 0.00	19.09 0.29 0.00	20.49 0.24 -0.05	21.99 0.25 -0.55	26.06 0.31 0.00	26.15 0.33 0.00	27.60 0.26 0.00	31.37 0.36 0.00	30.49 0.23 0.00	39.39 0.16 0.00	47.51 0.22 0.00	49.45 0.12 0.00	45.72 0.34 0.00	48.49 0.50 0.00	48.19 0.62 0.00	36.69 0.61 0.00
EMPIRE_CC_2 323658	29.57 0.51 0.00	27.41 0.46 0.00	25.31 0.44 0.00	25.47 0.37 0.00	26.93 0.40 0.00	27.04 0.46 0.00	26.25 0.53 0.00	26.92 0.52 0.00	22.49 0.37 0.00	19.09 0.29 0.00	20.49 0.24 -0.05	21.99 0.25 -0.55	26.06 0.31 0.00	26.15 0.33 0.00	27.60 0.26 0.00	31.37 0.36 0.00	30.49 0.23 0.00	39.39 0.16 0.00	47.51 0.22 0.00	49.45 0.12 0.00	45.72 0.34 0.00	48.49 0.50 0.00	48.19 0.62 0.00	36.69 0.61 0.00
ENORWICH_115KV_TB1 80156	30.25 1.19 0.00	27.99 1.04 0.00	25.79 0.92 0.00	26.16 1.05 0.00	27.61 1.08 0.00	27.73 1.15 0.00	26.74 1.02 0.00	27.31 0.91 0.00	22.69 0.57 0.00	19.08 0.28 0.00	20.20 0.00 0.00	21.27 0.09 0.00	25.87 0.12 0.00	26.10 0.28 0.00	27.71 0.37 0.00	31.52 0.51 0.00	31.20 0.94 0.00	40.66 1.43 0.00	50.09 2.80 0.00	52.78 3.45 0.00	48.65 3.27 0.00	51.23 3.24 0.00	50.49 2.92 0.00	38.07 1.99 0.00
ERIE_ST_34_KV_TB1-2 80199	27.54 -1.52 0.00	25.50 -1.45 0.00	23.54 -1.33 0.00	23.87 -1.23 0.00	25.13 -1.39 0.00	25.18 -1.40 0.00	24.33 -1.39 0.00	25.34 -1.06 0.00	21.37 -0.75 0.00	18.19 -0.61 0.00	19.65 -0.55 0.00	20.62 -0.56 0.00	25.01 -0.74 0.00	25.06 -0.76 0.00	26.72 -0.62 0.00	30.26 -0.76 0.00	29.20 -1.07 0.00	37.84 -1.40 0.00	45.88 -1.42 0.00	48.82 -0.51 0.00	44.93 -0.44 0.00	47.10 -0.88 0.00	46.99 -0.58 0.00	35.47 -0.61 0.00
ERIE_WT_PWR 323693	27.43 -1.64 0.00	25.39 -1.56 0.00	23.45 -1.42 0.00	23.79 -1.31 0.00	25.06 -1.47 0.00	25.10 -1.48 0.00	24.22 -1.49 0.00	25.27 -1.14 0.00	21.31 -0.81 0.00	18.12 -0.68 0.00	19.56 -0.64 0.00	20.52 -0.66 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.56 -0.78 0.00	30.03 -0.99 0.00	28.98 -1.28 0.00	37.57 -1.67 0.00	45.53 -1.76 0.00	48.48 -0.84 0.00	43.79 -0.78 0.81	46.81 -1.17 0.00	46.74 -0.83 0.00	35.30 -0.79 0.00
ESPRGFLD_115KV_TB1 80157	29.84 0.78 0.00	27.60 0.65 0.00	25.45 0.58 0.00	25.70 0.60 0.00	27.22 0.69 0.00	27.30 0.72 0.00	26.44 0.72 0.00	27.16 0.76 0.00	22.78 0.67 0.00	19.35 0.55 0.00	20.77 0.57 0.00	21.78 0.60 0.00	26.47 0.72 0.00	26.57 0.75 0.00	28.12 0.78 0.00	31.92 0.91 0.00	31.34 1.08 0.00	40.67 1.44 0.00	49.04 1.74 0.00	51.11 1.78 0.00	47.07 1.69 0.00	49.68 1.69 0.00	49.13 1.56 0.00	37.16 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.10 0.03 0.00	26.98 0.03 0.00	24.87 0.01 0.00	25.12 0.01 0.00	26.51 -0.01 0.00	26.61 0.03 0.00	25.69 -0.02 0.00	26.38 -0.01 0.00	22.01 -0.11 0.00	18.60 -0.20 0.00	19.90 -0.31 0.00	20.88 -0.30 0.00	25.42 -0.34 0.00	25.48 -0.34 0.00	27.01 -0.33 0.00	30.65 -0.37 0.00	30.09 -0.17 0.00	39.26 0.02 0.00	47.70 0.41 0.00	50.06 0.73 0.00	46.01 0.64 0.00	48.52 0.53 0.00	47.94 0.37 0.00	36.30 0.21 0.00
ETNA____115KV_TB2 80207	29.10 0.03 0.00	26.98 0.03 0.00	24.87 0.01 0.00	25.12 0.01 0.00	26.51 -0.01 0.00	26.61 0.03 0.00	25.69 -0.02 0.00	26.38 -0.01 0.00	22.01 -0.11 0.00	18.60 -0.20 0.00	19.90 -0.31 0.00	20.88 -0.30 0.00	25.42 -0.34 0.00	25.48 -0.34 0.00	27.01 -0.33 0.00	30.65 -0.37 0.00	30.09 -0.17 0.00	39.26 0.02 0.00	47.70 0.41 0.00	50.06 0.73 0.00	46.01 0.64 0.00	48.52 0.53 0.00	47.94 0.37 0.00	36.30 0.21 0.00
EUCLID____115KV_TB2 356179	28.42 -0.64 0.00	26.38 -0.57 0.00	24.34 -0.52 0.00	24.58 -0.52 0.00	25.96 -0.57 0.00	26.00 -0.57 0.00	25.11 -0.61 0.00	25.75 -0.65 0.00	21.54 -0.58 0.00	18.28 -0.51 0.00	19.66 -0.54 0.00	20.63 -0.55 0.00	25.13 -0.62 0.00	25.20 -0.62 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.58 -0.68 0.00	38.41 -0.82 0.00	46.39 -0.90 0.00	48.50 -0.83 0.00	44.59 -0.79 0.00	47.06 -0.93 0.00	46.61 -0.96 0.00	35.34 -0.75 0.00
EXCELSIOR____SOLAR 323857	27.51 -1.55 0.00	25.51 -1.45 0.00	23.54 -1.33 0.00	23.83 -1.27 0.00	25.12 -1.40 0.00	25.16 -1.42 0.00	24.30 -1.41 0.00	25.20 -1.20 0.00	21.21 -0.90 0.00	18.03 -0.77 0.00	19.45 -0.75 0.00	20.40 -0.78 0.00	24.77 -0.98 0.00	24.81 -1.01 0.00	26.37 -0.97 0.00	29.86 -1.15 0.00	28.88 -1.38 0.00	37.44 -1.80 0.00	45.33 -1.97 0.00	48.00 -1.32 0.00	43.66 -1.21 0.51	46.45 -1.53 0.00	46.29 -1.28 0.00	35.00 -1.09 0.00
E_CANADA_CAP_HY 24051	30.16 1.10 0.00	27.94 0.99 0.00	25.72 0.85 0.00	26.03 0.93 0.00	27.55 1.02 0.00	27.55 0.97 0.00	26.60 0.89 0.00	27.20 0.80 0.00	22.46 0.34 0.00	19.03 0.23 0.00	20.51 0.30 0.00	21.44 0.26 0.00	25.99 0.24 0.00	26.13 0.31 0.00	27.79 0.45 0.00	31.45 0.44 0.00	30.54 0.28 0.00	40.15 0.92 0.00	49.09 1.79 0.00	51.75 2.42 0.00	47.64 2.26 0.00	50.18 2.20 0.00	49.75 2.18 0.00	37.56 1.48 0.00
E_CANADA_MHWK_HY 24050	29.57 0.51 0.00	27.31 0.36 0.00	25.20 0.33 0.00	25.36 0.26 0.00	26.78 0.26 0.00	26.88 0.29 0.00	26.14 0.43 0.00	26.69 0.29 0.00	21.88 -0.23 0.00	18.39 -0.41 0.00	19.60 -0.60 0.00	20.63 -0.55 0.00	25.24 -0.52 0.00	25.27 -0.56 0.00	26.66 -0.68 0.00	30.36 -0.65 0.00	29.67 -0.59 0.00	38.96 -0.27 0.00	47.65 0.35 0.00	49.84 0.52 0.00	46.05 0.67 0.00	49.09 1.11 0.00	48.56 0.99 0.00	36.80 0.72 0.00
E_FISHKILL____LBMP 23776	29.90 0.84 0.00	27.69 0.74 0.00	25.52 0.65 0.00	25.67 0.56 0.00	27.08 0.56 0.00	27.19 0.61 0.00	26.39 0.67 0.00	27.18 0.78 0.00	22.92 0.80 0.00	19.56 0.76 0.00	21.15 0.88 -0.07	22.84 0.90 -0.75	26.81 1.06 0.00	26.85 1.03 0.00	28.44 1.10 0.00	32.34 1.33 0.00	31.63 1.36 0.00	40.74 1.50 0.00	48.84 1.55 0.00	50.52 1.19 0.00	46.50 1.12 0.00	49.34 1.36 0.00	48.95 1.38 0.00	37.12 1.04 0.00
FALCON____SEABRD_CC1 323796	29.51 0.45 0.00	27.33 0.38 0.00	25.27 0.40 0.00	25.49 0.39 0.00	26.97 0.44 0.00	27.01 0.43 0.00	26.11 0.40 0.00	26.80 0.40 0.00	22.41 0.30 0.00	19.08 0.28 0.00	20.52 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.13 0.31 0.00	27.68 0.34 0.00	31.42 0.41 0.00	30.75 0.48 0.00	40.00 0.76 0.00	48.17 0.88 0.00	50.25 0.93 0.00	46.04 0.66 0.00	48.58 0.59 0.00	48.13 0.56 0.00	36.53 0.45 0.00

FALCON___SEABRD_CC2 323797	29.51 0.45 0.00	27.33 0.38 0.00	25.27 0.40 0.00	25.49 0.39 0.00	26.97 0.44 0.00	27.01 0.43 0.00	26.11 0.40 0.00	26.80 0.40 0.00	22.41 0.30 0.00	19.08 0.28 0.00	20.52 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.13 0.31 0.00	27.68 0.34 0.00	31.42 0.41 0.00	30.75 0.48 0.00	40.00 0.76 0.00	48.17 0.88 0.00	50.25 0.93 0.00	46.04 0.66 0.00	48.58 0.59 0.00	48.13 0.56 0.00	36.53 0.45 0.00
FAR ROCKAWAY___4 23548	30.85 1.79 0.00	28.49 1.55 0.00	26.22 1.35 0.00	26.33 1.23 0.00	27.78 1.26 0.00	27.87 1.29 0.00	27.03 1.32 0.00	27.86 1.46 0.00	23.57 1.45 0.00	20.15 1.34 0.00	22.11 1.62 -0.29	26.20 1.68 -3.33	27.78 2.03 0.00	27.87 2.05 0.00	29.56 2.22 0.00	33.59 2.57 0.00	32.81 2.54 0.00	42.30 3.05 -0.01	50.34 3.05 0.00	51.07 1.75 0.00	47.05 1.67 0.00	50.15 2.16 0.00	49.58 2.01 0.00	37.70 1.61 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.24 1.18 0.00	28.00 1.06 0.00	25.81 0.94 0.00	25.93 0.83 0.00	27.35 0.82 0.00	27.44 0.87 0.00	26.65 0.94 0.00	27.49 1.09 0.00	23.27 1.15 0.00	19.90 1.10 0.00	21.78 1.28 -0.29	25.85 1.31 -3.34	27.32 1.57 0.00	27.34 1.52 0.00	28.95 1.61 0.00	32.92 1.90 0.00	32.19 1.93 0.00	41.35 2.12 0.00	49.45 2.15 0.00	50.99 1.66 0.00	46.91 1.53 0.00	49.96 1.98 0.00	49.64 2.07 0.00	37.63 1.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.24 1.18 0.00	28.00 1.06 0.00	25.81 0.94 0.00	25.94 0.83 0.00	27.35 0.82 0.00	27.44 0.87 0.00	26.65 0.94 0.00	27.49 1.09 0.00	23.26 1.15 0.00	19.90 1.10 0.00	21.77 1.28 -0.29	25.84 1.31 -3.34	27.31 1.57 0.00	27.33 1.51 0.00	28.94 1.61 0.00	32.91 1.89 0.00	32.18 1.92 0.00	41.34 2.11 0.00	49.44 2.15 0.00	50.98 1.65 0.00	46.90 1.53 0.00	49.96 1.98 0.00	49.64 2.07 0.00	37.64 1.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.23 1.17 0.00	27.99 1.04 0.00	25.80 0.93 0.00	25.93 0.82 0.00	27.33 0.81 0.00	27.43 0.85 0.00	26.64 0.93 0.00	27.48 1.08 0.00	23.26 1.14 0.00	19.90 1.10 0.00	21.76 1.27 -0.29	25.84 1.31 -3.34	27.30 1.55 0.00	27.32 1.50 0.00	28.93 1.60 0.00	32.89 1.88 0.00	32.17 1.91 0.00	41.32 2.09 0.00	49.41 2.11 0.00	50.94 1.61 0.00	46.87 1.50 0.00	49.93 1.94 0.00	49.61 2.04 0.00	37.61 1.53 0.00
FARRAGUT___LBMP 323566	30.20 1.14 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.41 0.83 0.00	26.62 0.90 0.00	27.45 1.05 0.00	23.23 1.12 0.00	19.88 1.08 0.00	21.74 1.24 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.29 1.47 0.00	28.90 1.57 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.28 2.04 0.00	49.36 2.06 0.00	50.89 1.56 0.00	46.83 1.45 0.00	49.88 1.89 0.00	49.57 2.00 0.00	37.59 1.51 0.00
FARRCKWY_69_KV_BK2 55825	30.85 1.79 0.00	28.49 1.55 0.00	26.22 1.35 0.00	26.33 1.23 0.00	27.78 1.26 0.00	27.87 1.29 0.00	27.03 1.32 0.00	27.86 1.46 0.00	23.57 1.45 0.00	20.15 1.34 0.00	22.11 1.62 -0.29	26.20 1.68 -3.33	27.78 2.03 0.00	27.87 2.05 0.00	29.56 2.22 0.00	33.59 2.57 0.00	32.81 2.54 0.00	42.30 3.05 -0.01	50.34 3.05 0.00	51.07 1.75 0.00	47.05 1.67 0.00	50.15 2.16 0.00	49.58 2.01 0.00	37.70 1.61 0.00
FENNER___WINDPWR 24204	29.34 0.27 0.00	27.22 0.26 0.00	25.10 0.23 0.00	25.33 0.23 0.00	26.74 0.22 0.00	26.79 0.21 0.00	25.89 0.18 0.00	26.57 0.17 0.00	22.15 0.03 0.00	18.74 -0.06 0.00	20.11 -0.09 0.00	21.10 -0.09 0.00	25.68 -0.07 0.00	25.81 -0.01 0.00	27.31 -0.03 0.00	31.04 0.02 0.00	30.44 0.18 0.00	39.66 0.42 0.00	48.06 0.77 0.00	50.30 0.98 0.00	46.24 0.86 0.00	48.80 0.82 0.00	48.24 0.67 0.00	36.52 0.44 0.00
FIBERTEK___ENERGY 23856	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
FITZPATRICK____ 23598	28.10 -0.96 0.00	26.09 -0.86 0.00	24.09 -0.78 0.00	24.33 -0.77 0.00	25.69 -0.84 0.00	25.72 -0.86 0.00	24.82 -0.89 0.00	25.44 -0.96 0.00	21.28 -0.83 0.00	18.07 -0.73 0.00	19.42 -0.78 0.00	20.38 -0.80 0.00	24.82 -0.93 0.00	24.89 -0.93 0.00	26.37 -0.97 0.00	29.88 -1.13 0.00	29.16 -1.10 0.00	37.84 -1.40 0.00	45.67 -1.62 0.00	47.73 -1.59 0.00	43.91 -1.47 0.00	46.36 -1.62 0.00	45.95 -1.62 0.00	34.86 -1.23 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.23 1.17 0.00	27.98 1.03 0.00	25.77 0.90 0.00	25.93 0.82 0.00	27.36 0.84 0.00	27.46 0.89 0.00	26.65 0.93 0.00	27.46 1.06 0.00	23.15 1.03 0.00	19.75 0.95 0.00	21.29 1.08 0.00	22.30 1.12 0.00	27.07 1.32 0.00	27.14 1.31 0.00	28.76 1.43 0.00	32.75 1.74 0.00	32.09 1.83 0.00	41.43 2.19 0.00	49.69 2.40 0.00	51.40 2.07 0.00	47.26 1.89 0.00	50.08 2.10 0.00	49.62 2.04 0.00	37.57 1.49 0.00
FORT ORANGE____ 23900	29.45 0.39 0.00	27.30 0.35 0.00	25.20 0.33 0.00	25.40 0.29 0.00	26.85 0.32 0.00	26.95 0.37 0.00	26.13 0.42 0.00	26.81 0.41 0.00	22.40 0.28 0.00	19.00 0.20 0.00	20.38 0.17 0.00	21.36 0.18 0.00	25.97 0.22 0.00	26.07 0.24 0.00	27.55 0.21 0.00	31.29 0.28 0.00	30.52 0.26 0.00	39.52 0.28 0.00	47.72 0.43 0.00	49.68 0.36 0.00	45.86 0.49 0.00	48.53 0.55 0.00	48.12 0.55 0.00	36.61 0.53 0.00
FORT_DRUM_COGEN 23780	29.98 0.92 0.00	27.59 0.64 0.00	25.42 0.55 0.00	25.83 0.73 0.00	27.24 0.71 0.00	27.19 0.60 0.00	26.25 0.53 0.00	26.87 0.47 0.00	22.31 0.19 0.00	18.77 -0.03 0.00	20.09 -0.11 0.00	21.03 -0.16 0.00	25.59 -0.16 0.00	25.90 0.08 0.00	27.39 0.06 0.00	30.94 -0.07 0.00	30.26 0.00 0.00	40.51 1.28 0.00	49.52 2.22 0.00	51.79 2.46 0.00	47.50 2.12 0.00	50.33 2.35 0.00	49.20 1.63 0.00	37.15 1.07 0.00
FOX_HILLS___ESR 323835	30.17 1.11 0.00	27.96 1.01 0.00	25.74 0.87 0.00	25.87 0.76 0.00	27.28 0.75 0.00	27.40 0.82 0.00	26.61 0.90 0.00	27.43 1.03 0.00	23.18 1.07 0.00	19.81 1.01 0.00	21.66 1.17 -0.29	25.72 1.19 -3.34	27.18 1.43 0.00	27.20 1.38 0.00	28.81 1.47 0.00	32.79 1.77 0.00	32.05 1.79 0.00	41.19 1.95 0.00	49.30 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.79 1.81 0.00	49.50 1.93 0.00	37.50 1.42 0.00
FPL FAR_ROCK_GT1 24212	30.85 1.78 0.00	28.49 1.54 0.00	26.21 1.35 0.00	26.34 1.23 0.00	27.78 1.26 0.00	27.87 1.29 0.00	27.05 1.33 0.00	27.86 1.46 0.00	23.56 1.45 0.00	20.14 1.34 0.00	22.11 1.62 -0.29	26.20 1.69 -3.33	27.78 2.03 0.00	27.87 2.05 0.00	29.56 2.22 0.00	33.59 2.57 0.00	32.81 2.54 0.00	42.30 3.05 -0.01	50.34 3.04 0.00	51.07 1.74 0.00	47.04 1.66 0.00	50.15 2.17 0.00	49.58 2.01 0.00	37.70 1.61 0.00

FPL FAR_ROCK_GT2 23815	30.85 1.78 0.00	28.49 1.54 0.00	26.21 1.35 0.00	26.34 1.23 0.00	27.78 1.26 0.00	27.87 1.29 0.00	27.05 1.33 0.00	27.86 1.46 0.00	23.56 1.45 0.00	20.14 1.34 0.00	22.11 1.62 -0.29	26.20 1.69 -3.33	27.78 2.03 0.00	27.87 2.05 0.00	29.56 2.22 0.00	33.59 2.57 0.00	32.81 2.54 0.00	42.30 3.05 -0.01	50.34 3.04 0.00	51.07 1.74 0.00	47.04 1.66 0.00	50.15 2.17 0.00	49.58 2.01 0.00	37.70 1.61 0.00
FRANKLIN_FALL_HYD 24054	29.51 0.45 0.00	27.33 0.38 0.00	25.24 0.37 0.00	25.48 0.38 0.00	26.94 0.42 0.00	26.96 0.38 0.00	26.08 0.37 0.00	26.81 0.41 0.00	22.46 0.35 0.00	19.10 0.30 0.00	20.55 0.35 0.00	21.53 0.34 0.00	26.12 0.37 0.00	26.14 0.32 0.00	27.71 0.37 0.00	31.45 0.44 0.00	30.67 0.41 0.00	40.03 0.80 0.00	48.22 0.92 0.00	50.32 1.00 0.00	46.13 0.76 0.00	48.71 0.73 0.00	48.19 0.63 0.00	36.57 0.49 0.00
FREEPORT_EQUS_GT1 23764	30.70 1.64 0.00	28.35 1.40 0.00	26.08 1.22 0.00	26.20 1.10 0.00	27.64 1.12 0.00	27.73 1.16 0.00	26.92 1.21 0.00	27.73 1.33 0.00	23.44 1.33 0.00	20.04 1.24 0.00	21.99 1.49 -0.29	26.05 1.54 -3.33	27.59 1.84 0.00	27.67 1.85 0.00	29.34 2.00 0.00	33.33 2.31 0.00	32.51 2.25 0.00	41.93 2.68 -0.01	49.76 2.46 0.00	51.21 1.88 0.00	47.31 1.94 0.00	50.48 2.50 0.00	49.96 2.39 0.00	38.03 1.95 0.00
FREEPORT___CT2 23818	30.70 1.64 0.00	28.35 1.40 0.00	26.08 1.22 0.00	26.20 1.10 0.00	27.64 1.12 0.00	27.73 1.16 0.00	26.92 1.21 0.00	27.73 1.33 0.00	23.44 1.33 0.00	20.04 1.24 0.00	21.99 1.49 -0.29	26.05 1.54 -3.33	27.59 1.84 0.00	27.67 1.85 0.00	29.34 2.00 0.00	33.33 2.31 0.00	32.51 2.25 0.00	41.93 2.68 -0.01	49.76 2.46 0.00	51.21 1.88 0.00	47.31 1.94 0.00	50.48 2.50 0.00	49.96 2.39 0.00	38.03 1.95 0.00
FRESHKLS_33_KV_LOAD 356253	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.35 0.82 0.00	27.46 0.88 0.00	26.67 0.95 0.00	27.49 1.09 0.00	23.24 1.12 0.00	19.85 1.05 0.00	21.70 1.21 -0.29	25.75 1.22 -3.34	27.22 1.47 0.00	27.25 1.43 0.00	28.87 1.53 0.00	32.86 1.85 0.00	32.14 1.88 0.00	41.32 2.08 0.00	49.49 2.19 0.00	51.07 1.75 0.00	47.00 1.62 0.00	49.95 1.97 0.00	49.65 2.08 0.00	37.60 1.52 0.00
FULTON COGEN____ 23766	28.36 -0.70 0.00	26.33 -0.62 0.00	24.29 -0.58 0.00	24.53 -0.57 0.00	25.91 -0.62 0.00	25.94 -0.64 0.00	25.03 -0.68 0.00	25.65 -0.75 0.00	21.41 -0.70 0.00	18.16 -0.64 0.00	19.52 -0.69 0.00	20.48 -0.70 0.00	24.94 -0.81 0.00	25.02 -0.80 0.00	26.52 -0.82 0.00	30.09 -0.92 0.00	29.35 -0.91 0.00	38.15 -1.08 0.00	46.16 -1.14 0.00	48.26 -1.07 0.00	44.38 -1.00 0.00	46.84 -1.14 0.00	46.38 -1.20 0.00	35.16 -0.92 0.00
FULTON___LFGE 323630	30.23 1.16 0.00	27.98 1.03 0.00	25.78 0.91 0.00	26.06 0.95 0.00	27.54 1.02 0.00	27.59 1.01 0.00	26.69 0.98 0.00	27.24 0.84 0.00	22.27 0.16 0.00	18.73 -0.07 0.00	20.11 -0.09 0.00	21.06 -0.13 0.00	25.70 -0.05 0.00	25.78 -0.05 0.00	27.33 -0.01 0.00	30.93 -0.08 0.00	30.13 -0.13 0.00	39.96 0.72 0.00	49.08 1.79 0.00	51.81 2.49 0.00	47.77 2.40 0.00	50.32 2.34 0.00	49.82 2.25 0.00	37.63 1.54 0.00
G.F.CEMENT___DRP 24184	30.31 1.25 0.00	28.08 1.13 0.00	25.94 1.07 0.00	26.10 1.00 0.00	27.55 1.03 0.00	27.69 1.12 0.00	26.91 1.19 0.00	27.59 1.19 0.00	22.86 0.74 0.00	19.21 0.40 0.00	20.34 0.14 0.00	21.28 0.09 0.00	25.97 0.22 0.00	26.04 0.21 0.00	27.53 0.19 0.00	31.35 0.34 0.00	30.80 0.54 0.00	40.43 1.20 0.00	49.49 2.20 0.00	51.61 2.28 0.00	47.80 2.43 0.00	50.32 2.34 0.00	49.85 2.28 0.00	37.74 1.66 0.00
GARDENVILLE___LBMP 24039	27.37 -1.69 0.00	25.34 -1.61 0.00	23.39 -1.48 0.00	23.75 -1.36 0.00	25.01 -1.51 0.00	25.06 -1.51 0.00	24.22 -1.50 0.00	25.23 -1.17 0.00	21.27 -0.84 0.00	18.10 -0.70 0.00	19.54 -0.66 0.00	20.49 -0.69 0.00	24.83 -0.92 0.00	24.88 -0.95 0.00	26.49 -0.85 0.00	29.96 -1.06 0.00	28.90 -1.36 0.00	37.46 -1.78 0.00	45.42 -1.87 0.00	48.33 -1.00 0.00	44.44 -0.94 0.00	46.68 -1.30 0.00	46.60 -0.97 0.00	35.20 -0.88 0.00
GARDNVLA_35_KV_LD 355827	27.46 -1.61 0.00	25.41 -1.54 0.00	23.46 -1.40 0.00	23.81 -1.29 0.00	25.08 -1.45 0.00	25.12 -1.46 0.00	24.27 -1.44 0.00	25.28 -1.12 0.00	21.32 -0.79 0.00	18.14 -0.66 0.00	19.60 -0.61 0.00	20.57 -0.62 0.00	24.92 -0.83 0.00	24.97 -0.85 0.00	26.61 -0.73 0.00	30.10 -0.91 0.00	29.05 -1.22 0.00	37.64 -1.60 0.00	45.62 -1.67 0.00	48.57 -0.75 0.00	44.67 -0.71 0.00	46.91 -1.08 0.00	46.81 -0.76 0.00	35.35 -0.73 0.00
GELCKHM___115KV_LOAD 80723	28.55 -0.52 0.00	26.50 -0.46 0.00	24.45 -0.42 0.00	24.68 -0.42 0.00	26.07 -0.46 0.00	26.12 -0.46 0.00	25.21 -0.50 0.00	25.86 -0.54 0.00	21.62 -0.49 0.00	18.35 -0.45 0.00	19.72 -0.48 0.00	20.70 -0.48 0.00	25.21 -0.54 0.00	25.30 -0.52 0.00	26.80 -0.53 0.00	30.41 -0.60 0.00	29.72 -0.54 0.00	38.61 -0.63 0.00	46.64 -0.65 0.00	48.76 -0.57 0.00	44.82 -0.55 0.00	47.29 -0.70 0.00	46.81 -0.76 0.00	35.49 -0.59 0.00
GENERAL___MILLS 23808	27.42 -1.65 0.00	25.39 -1.57 0.00	23.43 -1.44 0.00	23.79 -1.32 0.00	25.05 -1.47 0.00	25.09 -1.48 0.00	24.25 -1.47 0.00	25.26 -1.15 0.00	21.30 -0.82 0.00	18.12 -0.68 0.00	19.57 -0.63 0.00	20.53 -0.65 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.55 -0.79 0.00	30.03 -0.99 0.00	28.97 -1.29 0.00	37.55 -1.69 0.00	45.52 -1.77 0.00	48.45 -0.88 0.00	44.56 -0.82 0.00	46.80 -1.19 0.00	46.72 -0.85 0.00	35.28 -0.80 0.00
GE_PLASTICS___DRP 24183	29.39 0.32 0.00	27.25 0.30 0.00	25.15 0.28 0.00	25.35 0.25 0.00	26.81 0.28 0.00	26.90 0.32 0.00	26.07 0.36 0.00	26.76 0.36 0.00	22.40 0.29 0.00	19.03 0.23 0.00	20.43 0.23 0.00	21.42 0.23 0.00	26.03 0.28 0.00	26.10 0.28 0.00	27.60 0.26 0.00	31.34 0.32 0.00	30.57 0.30 0.00	39.52 0.29 0.00	47.59 0.30 0.00	49.51 0.18 0.00	45.69 0.31 0.00	48.38 0.40 0.00	48.00 0.43 0.00	36.49 0.40 0.00
GILBOA___1 23756	29.44 0.38 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.47 0.36 0.00	26.99 0.46 0.00	27.07 0.50 0.00	26.24 0.52 0.00	26.97 0.57 0.00	22.64 0.52 0.00	19.26 0.45 0.00	20.70 0.49 0.00	21.69 0.51 0.00	26.28 0.53 0.00	26.33 0.51 0.00	27.83 0.49 0.00	31.54 0.52 0.00	30.79 0.53 0.00	39.78 0.55 0.00	47.73 0.44 0.00	49.63 0.31 0.00	45.85 0.47 0.00	48.56 0.58 0.00	48.16 0.59 0.00	36.54 0.46 0.00
GILBOA___2 23757	29.44 0.38 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.47 0.36 0.00	26.99 0.46 0.00	27.07 0.50 0.00	26.24 0.52 0.00	26.97 0.57 0.00	22.64 0.52 0.00	19.26 0.45 0.00	20.70 0.49 0.00	21.69 0.51 0.00	26.28 0.53 0.00	26.33 0.51 0.00	27.83 0.49 0.00	31.54 0.52 0.00	30.79 0.53 0.00	39.78 0.55 0.00	47.73 0.44 0.00	49.63 0.31 0.00	45.85 0.47 0.00	48.56 0.58 0.00	48.16 0.59 0.00	36.54 0.46 0.00

GILBOA___3 23758	29.44 0.38 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.47 0.36 0.00	26.99 0.46 0.00	27.07 0.50 0.00	26.24 0.52 0.00	26.97 0.57 0.00	22.64 0.52 0.00	19.26 0.45 0.00	20.70 0.49 0.00	21.69 0.51 0.00	26.28 0.53 0.00	26.33 0.51 0.00	27.83 0.49 0.00	31.54 0.52 0.00	30.79 0.53 0.00	39.78 0.55 0.00	47.73 0.44 0.00	49.63 0.31 0.00	45.85 0.47 0.00	48.56 0.58 0.00	48.16 0.59 0.00	36.54 0.46 0.00
GILBOA___4 23759	29.44 0.38 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.47 0.36 0.00	26.99 0.46 0.00	27.07 0.50 0.00	26.24 0.52 0.00	26.97 0.57 0.00	22.64 0.52 0.00	19.26 0.45 0.00	20.70 0.49 0.00	21.69 0.51 0.00	26.28 0.53 0.00	26.33 0.51 0.00	27.83 0.49 0.00	31.54 0.52 0.00	30.79 0.53 0.00	39.78 0.55 0.00	47.73 0.44 0.00	49.63 0.31 0.00	45.85 0.47 0.00	48.56 0.58 0.00	48.16 0.59 0.00	36.54 0.46 0.00
GILBOA___ 23599	29.44 0.38 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.46 0.36 0.00	26.99 0.46 0.00	27.07 0.50 0.00	26.24 0.52 0.00	26.97 0.57 0.00	22.64 0.52 0.00	19.26 0.45 0.00	20.70 0.49 0.00	21.69 0.51 0.00	26.28 0.53 0.00	26.33 0.51 0.00	27.83 0.49 0.00	31.54 0.52 0.00	30.79 0.53 0.00	39.78 0.55 0.00	47.73 0.44 0.00	49.63 0.30 0.00	45.85 0.47 0.00	48.56 0.58 0.00	48.16 0.59 0.00	36.54 0.45 0.00
GINNA___ 23603	26.89 -2.17 0.00	24.91 -2.04 0.00	22.98 -1.89 0.00	23.23 -1.87 0.00	24.50 -2.03 0.00	24.54 -2.04 0.00	23.71 -2.00 0.00	24.47 -1.93 0.00	20.54 -1.57 0.00	17.44 -1.36 0.00	18.81 -1.39 0.00	19.75 -1.43 0.00	24.05 -1.70 0.00	24.12 -1.70 0.00	25.62 -1.72 0.00	29.07 -1.94 0.00	28.29 -1.97 0.00	36.75 -2.49 0.00	44.48 -2.81 0.00	46.90 -2.43 0.00	42.82 -2.27 0.30	45.31 -2.67 0.00	44.97 -2.60 0.00	33.98 -2.10 0.00
GLEN PARK___ 23778	30.03 0.96 0.00	27.63 0.69 0.00	25.46 0.59 0.00	25.86 0.76 0.00	27.28 0.75 0.00	27.23 0.66 0.00	26.29 0.57 0.00	26.90 0.51 0.00	22.31 0.20 0.00	18.76 -0.04 0.00	20.07 -0.13 0.00	21.01 -0.18 0.00	25.57 -0.18 0.00	25.92 0.10 0.00	27.40 0.06 0.00	30.96 -0.06 0.00	30.30 0.04 0.00	40.64 1.41 0.00	49.68 2.39 0.00	51.97 2.64 0.00	47.67 2.30 0.00	50.48 2.49 0.00	49.34 1.77 0.00	37.23 1.15 0.00
GLENDALE_27_KV_LOAD 356172	30.35 1.29 0.00	28.11 1.16 0.00	25.89 1.02 0.00	26.01 0.90 0.00	27.42 0.89 0.00	27.53 0.95 0.00	26.75 1.04 0.00	27.57 1.17 0.00	23.35 1.23 0.00	19.98 1.18 0.00	21.86 1.36 -0.29	25.93 1.40 -3.34	27.42 1.67 0.00	27.46 1.64 0.00	29.06 1.72 0.00	33.06 2.05 0.00	32.33 2.07 0.00	41.52 2.28 0.00	49.57 2.28 0.00	51.14 1.81 0.00	47.07 1.69 0.00	50.10 2.12 0.00	49.81 2.24 0.00	37.76 1.68 0.00
GLENWOOD_IC_1_G5 23712	30.51 1.45 0.00	28.20 1.25 0.00	25.96 1.09 0.00	26.09 0.98 0.00	27.52 0.99 0.00	27.61 1.04 0.00	26.80 1.09 0.00	27.62 1.22 0.00	23.36 1.24 0.00	19.97 1.17 0.00	21.89 1.40 -0.29	25.96 1.45 -3.33	27.48 1.73 0.00	27.55 1.73 0.00	29.21 1.87 0.00	33.20 2.18 0.00	32.42 2.16 0.00	41.74 2.49 -0.01	49.46 2.16 0.00	50.98 1.65 0.00	47.22 1.84 0.00	50.28 2.29 0.00	49.77 2.20 0.00	37.81 1.73 0.00
GLENWOOD_IC_2_G1 23688	30.32 1.25 0.00	28.05 1.10 0.00	25.83 0.96 0.00	25.96 0.86 0.00	27.39 0.87 0.00	27.49 0.91 0.00	26.69 0.98 0.00	27.50 1.10 0.00	23.24 1.13 0.00	19.87 1.07 0.00	21.77 1.28 -0.29	25.83 1.32 -3.33	27.31 1.57 0.00	27.36 1.54 0.00	29.00 1.66 0.00	32.97 1.95 0.00	32.21 1.95 0.00	41.46 2.22 -0.01	49.47 2.18 0.00	50.98 1.66 0.00	46.98 1.60 0.00	50.00 2.02 0.00	49.53 1.96 0.00	37.61 1.53 0.00
GLENWOOD_IC_3_G1 23689	30.32 1.25 0.00	28.05 1.10 0.00	25.83 0.96 0.00	25.96 0.86 0.00	27.39 0.87 0.00	27.49 0.91 0.00	26.69 0.98 0.00	27.50 1.10 0.00	23.24 1.13 0.00	19.87 1.07 0.00	21.77 1.28 -0.29	25.83 1.32 -3.33	27.31 1.57 0.00	27.36 1.54 0.00	29.00 1.66 0.00	32.97 1.95 0.00	32.21 1.95 0.00	41.46 2.22 -0.01	49.47 2.18 0.00	50.98 1.66 0.00	46.98 1.60 0.00	50.00 2.02 0.00	49.53 1.96 0.00	37.61 1.53 0.00
GLENWOOD___4 23550	30.51 1.45 0.00	28.20 1.25 0.00	25.96 1.09 0.00	26.09 0.98 0.00	27.52 0.99 0.00	27.61 1.04 0.00	26.80 1.09 0.00	27.62 1.22 0.00	23.36 1.24 0.00	19.97 1.17 0.00	21.89 1.40 -0.29	25.96 1.45 -3.33	27.48 1.73 0.00	27.55 1.73 0.00	29.21 1.87 0.00	33.20 2.18 0.00	32.42 2.16 0.00	41.74 2.50 -0.01	49.59 2.30 0.00	51.08 1.75 0.00	47.22 1.84 0.00	50.28 2.29 0.00	49.77 2.20 0.00	37.81 1.73 0.00
GLENWOOD___5 23614	30.51 1.45 0.00	28.20 1.25 0.00	25.96 1.09 0.00	26.09 0.98 0.00	27.52 0.99 0.00	27.61 1.04 0.00	26.80 1.09 0.00	27.62 1.22 0.00	23.36 1.24 0.00	19.97 1.17 0.00	21.89 1.40 -0.29	25.96 1.45 -3.33	27.48 1.73 0.00	27.55 1.73 0.00	29.21 1.87 0.00	33.20 2.18 0.00	32.42 2.16 0.00	41.74 2.50 -0.01	49.59 2.30 0.00	51.08 1.75 0.00	47.22 1.84 0.00	50.28 2.29 0.00	49.77 2.20 0.00	37.81 1.73 0.00
GLOBAL GREEN_PORT_GT1 23814	31.97 2.91 0.00	29.37 2.42 0.00	26.99 2.12 0.00	27.13 2.02 0.00	28.67 2.14 0.00	28.70 2.12 0.00	27.85 2.13 0.00	28.72 2.32 0.00	24.15 2.04 0.00	20.76 1.96 0.00	22.91 2.41 -0.29	27.10 2.59 -3.33	28.89 3.14 0.00	28.91 3.09 0.00	30.74 3.40 0.00	34.73 3.71 0.00	33.73 3.47 0.00	43.87 4.63 -0.01	51.68 4.39 0.00	52.20 2.88 0.00	48.16 2.78 0.00	51.36 3.37 0.00	50.22 2.65 0.00	38.56 2.48 0.00
GLOBE___DSASP 323697	26.61 -2.46 0.00	24.65 -2.30 0.00	22.76 -2.11 0.00	23.09 -2.01 0.00	24.31 -2.21 0.00	24.34 -2.24 0.00	23.55 -2.17 0.00	24.65 -1.76 0.00	20.88 -1.24 0.00	17.78 -1.02 0.00	19.21 -0.99 0.00	20.13 -1.05 0.00	24.38 -1.37 0.00	24.41 -1.42 0.00	25.96 -1.38 0.00	29.34 -1.68 0.00	28.02 -2.25 0.00	36.16 -3.07 0.00	43.73 -3.56 0.00	46.63 -2.69 0.00	42.93 -2.45 0.00	45.16 -2.82 0.00	45.30 -2.27 0.00	34.28 -1.81 0.00
GOETHSLN___LBMP 323567	30.07 1.00 0.00	27.86 0.91 0.00	25.66 0.80 0.00	25.80 0.70 0.00	27.22 0.70 0.00	27.31 0.73 0.00	26.52 0.81 0.00	27.35 0.95 0.00	23.13 1.02 0.00	19.78 0.98 0.00	21.64 1.14 -0.29	25.70 1.18 -3.34	27.16 1.41 0.00	27.18 1.36 0.00	28.78 1.45 0.00	32.71 1.70 0.00	31.99 1.73 0.00	41.13 1.90 0.00	49.28 1.98 0.00	50.81 1.49 0.00	46.73 1.35 0.00	49.73 1.75 0.00	49.36 1.79 0.00	37.44 1.35 0.00
GOLAH___69_KV_TB 1_2 80279	28.07 -0.99 0.00	26.00 -0.95 0.00	23.97 -0.90 0.00	24.27 -0.83 0.00	25.57 -0.95 0.00	25.62 -0.96 0.00	24.77 -0.95 0.00	25.63 -0.78 0.00	21.49 -0.63 0.00	18.20 -0.59 0.00	19.63 -0.57 0.00	20.60 -0.58 0.00	25.04 -0.71 0.00	25.11 -0.71 0.00	26.69 -0.65 0.00	30.25 -0.76 0.00	29.32 -0.95 0.00	38.14 -1.10 0.00	46.38 -0.91 0.00	49.26 -0.06 0.00	45.33 -0.05 0.00	47.59 -0.39 0.00	47.31 -0.26 0.00	35.72 -0.37 0.00

GOODYEAR_LAKE_HYD 323669	29.71 0.65 0.00	27.50 0.55 0.00	25.36 0.50 0.00	25.62 0.51 0.00	27.12 0.60 0.00	27.20 0.62 0.00	26.34 0.62 0.00	27.06 0.66 0.00	22.71 0.59 0.00	19.30 0.50 0.00	20.72 0.51 0.00	21.73 0.54 0.00	26.40 0.65 0.00	26.49 0.67 0.00	28.03 0.69 0.00	31.80 0.79 0.00	31.20 0.93 0.00	40.45 1.21 0.00	48.73 1.43 0.00	50.76 1.43 0.00	46.73 1.36 0.00	49.37 1.39 0.00	48.85 1.28 0.00	36.98 0.90 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.76 -0.30 0.00	26.64 -0.31 0.00	24.61 -0.25 0.00	24.90 -0.21 0.00	26.28 -0.25 0.00	26.35 -0.23 0.00	25.46 -0.25 0.00	26.21 -0.19 0.00	21.97 -0.15 0.00	18.67 -0.13 0.00	20.04 -0.16 0.00	21.04 -0.15 0.00	25.55 -0.20 0.00	25.59 -0.23 0.00	27.13 -0.20 0.00	30.75 -0.26 0.00	30.11 -0.15 0.00	39.12 -0.12 0.00	47.26 -0.03 0.00	49.38 0.05 0.00	45.30 -0.08 0.00	47.85 -0.13 0.00	47.37 -0.20 0.00	35.93 -0.16 0.00
GOUDEY___7 23579	28.76 -0.30 0.00	26.64 -0.31 0.00	24.61 -0.25 0.00	24.90 -0.21 0.00	26.28 -0.25 0.00	26.35 -0.23 0.00	25.46 -0.25 0.00	26.21 -0.19 0.00	21.97 -0.15 0.00	18.67 -0.13 0.00	20.04 -0.16 0.00	21.04 -0.15 0.00	25.55 -0.20 0.00	25.59 -0.23 0.00	27.13 -0.20 0.00	30.75 -0.26 0.00	30.11 -0.15 0.00	39.12 -0.12 0.00	47.26 -0.03 0.00	49.38 0.05 0.00	45.30 -0.08 0.00	47.85 -0.13 0.00	47.37 -0.20 0.00	35.93 -0.16 0.00
GOUDEY___8 23580	28.76 -0.30 0.00	26.64 -0.31 0.00	24.61 -0.25 0.00	24.90 -0.21 0.00	26.28 -0.25 0.00	26.35 -0.23 0.00	25.46 -0.25 0.00	26.21 -0.19 0.00	21.97 -0.15 0.00	18.67 -0.13 0.00	20.04 -0.16 0.00	21.04 -0.15 0.00	25.55 -0.20 0.00	25.59 -0.23 0.00	27.13 -0.20 0.00	30.75 -0.26 0.00	30.11 -0.15 0.00	39.12 -0.12 0.00	47.26 -0.03 0.00	49.38 0.05 0.00	45.30 -0.08 0.00	47.85 -0.13 0.00	47.37 -0.20 0.00	35.93 -0.16 0.00
GOWANUS_GT1_1 24077	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_2 24078	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_3 24079	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_4 24080	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_5 24084	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_6 24111	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_7 24112	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT1_8 24113	30.23 1.17 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.21 1.10 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.27 1.98 0.00	50.82 1.50 0.00	46.78 1.40 0.00	49.81 1.82 0.00	49.53 1.96 0.00	37.52 1.43 0.00
GOWANUS_GT2_1 24114	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_2 24115	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_3 24116	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00

GOWANUS_GT2_4 24117	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_5 24118	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_6 24119	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_7 24120	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT2_8 24121	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT3_1 24122	30.22 1.16 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.91 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.66 0.95 0.00	27.48 1.08 0.00	23.21 1.09 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.23 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.26 1.97 0.00	50.82 1.49 0.00	46.78 1.40 0.00	49.81 1.83 0.00	49.53 1.96 0.00	37.52 1.44 0.00
GOWANUS_GT3_2 24123	30.22 1.16 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.91 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.66 0.95 0.00	27.48 1.08 0.00	23.21 1.09 0.00	19.83 1.03 0.00	21.69 1.20 -0.29	25.75 1.23 -3.34	27.21 1.46 0.00	27.24 1.42 0.00	28.84 1.50 0.00	32.81 1.80 0.00	32.07 1.81 0.00	41.20 1.97 0.00	49.26 1.97 0.00	50.82 1.49 0.00	46.78 1.40 0.00	49.81 1.83 0.00	49.53 1.96 0.00	37.52 1.44 0.00
GOWANUS_GT3_3 24124	30.22 1.16 0.00	28.00 1.05 0.00	25.79 0.92 0.00	25.91 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.66 0.95 0.00	27.48 1.08 0.00	23.21 1.09 0.00	19														

GOWANUS_GT4_3 24132	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT4_4 24133	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT4_5 24134	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT4_6 24135	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT4_7 24136	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GOWANUS_GT4_8 24137	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GREENBSH_115KV_TB3 55895	29.30 0.24 0.00	27.17 0.22 0.00	25.08 0.21 0.00	25.27 0.17 0.00	26.71 0.19 0.00	26.82 0.24 0.00	26.01 0.30 0.00	26.68 0.28 0.00	22.33 0.21 0.00	18.96 0.16 0.00	20.37 0.13 -0.04	21.75 0.14 -0.42	25.92 0.18 0.00	26.02 0.20 0.00	27.49 0.15 0.00	31.22 0.21 0.00	30.44 0.18 0.00	39.36 0.12 0.00	47.41 0.12 0.00	49.31 -0.01 0.00	45.54 0.16 0.00	48.21 0.23 0.00	47.81 0.24 0.00	36.41 0.33 0.00
GREENIDGE_115KV_TB5 80291	28.55 -0.52 0.00	26.44 -0.51 0.00	24.39 -0.48 0.00	24.69 -0.41 0.00	26.06 -0.46 0.00	26.14 -0.44 0.00	25.27 -0.45 0.00	26.04 -0.35 0.00	21.71 -0.41 0.00	18.32 -0.48 0.00	19.64 -0.56 0.00	20.62 -0.56 0.00	25.06 -0.69 0.00	25.11 -0.71 0.00	26.66 -0.68 0.00	30.24 -0.78 0.00	29.64 -0.63 0.00	38.78 -0.45 0.00	47.10 -0.20 0.00	49.85 0.52 0.00	45.69 0.32 0.00	47.86 -0.13 0.00	47.35 -0.22 0.00	35.97 -0.12 0.00
GREENIDGE___3 23582	28.55 -0.52 0.00	26.44 -0.51 0.00	24.39 -0.48 0.00	24.69 -0.41 0.00	26.06 -0.46 0.00	26.14 -0.44 0.00	25.27 -0.45 0.00	26.04 -0.35 0.00	21.71 -0.41 0.00	18.32 -0.48 0.00	19.64 -0.56 0.00	20.62 -0.56 0.00	25.06 -0.69 0.00	25.11 -0.71 0.00	26.66 -0.68 0.00	30.24 -0.78 0.00	29.64 -0.63 0.00	38.78 -0.45 0.00	47.10 -0.20 0.00	49.85 0.52 0.00	45.69 0.32 0.00	47.86 -0.13 0.00	47.35 -0.22 0.00	35.97 -0.12 0.00
GREENIDGE___4 23583	28.55 -0.52 0.00	26.44 -0.51 0.00	24.39 -0.48 0.00	24.69 -0.41 0.00	26.06 -0.46 0.00	26.14 -0.44 0.00	25.26 -0.46 0.00	26.05 -0.35 0.00	21.71 -0.41 0.00	18.32 -0.48 0.00	19.64 -0.56 0.00	20.62 -0.56 0.00	25.06 -0.69 0.00	25.11 -0.71 0.00	26.66 -0.68 0.00	30.23 -0.78 0.00	29.64 -0.63 0.00	38.78 -0.45 0.00	47.09 -0.20 0.00	49.85 0.52 0.00	46.10 0.32 -0.41	47.85 -0.13 0.00	47.35 -0.22 0.00	35.97 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	30.69 1.63 0.00	28.32 1.37 0.00	26.08 1.21 0.00	26.19 1.08 0.00	27.65 1.12 0.00	27.73 1.16 0.00	26.91 1.19 0.00	27.75 1.35 0.00	23.46 1.34 0.00	20.02 1.22 0.00	21.94 1.44 -0.29	25.99 1.48 -3.33	27.49 1.74 0.00	27.58 1.76 0.00	29.28 1.94 0.00	33.23 2.21 0.00	32.35 2.09 0.00	41.66 2.42 -0.01	49.38 2.09 0.00	50.68 1.35 0.00	46.78 1.40 0.00	50.09 2.10 0.00	49.53 1.96 0.00	37.81 1.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.24 1.18 0.00	28.01 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.66 0.94 0.00	27.47 1.07 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
GRISSOM___SOLAR 323813	30.17 1.11 0.00	27.93 0.98 0.00	25.74 0.88 0.00	26.01 0.90 0.00	27.50 0.97 0.00	27.55 0.98 0.00	26.66 0.95 0.00	27.20 0.81 0.00	22.19 0.07 0.00	18.62 -0.18 0.00	19.98 -0.23 0.00	20.94 -0.24 0.00	25.62 -0.13 0.00	25.64 -0.18 0.00	27.18 -0.15 0.00	30.77 -0.24 0.00	29.96 -0.30 0.00	39.80 0.57 0.00	48.90 1.61 0.00	51.63 2.31 0.00	47.62 2.24 0.00	50.20 2.22 0.00	49.71 2.13 0.00	37.55 1.47 0.00
GROVEVILLE___HYD 323602	30.23 1.17 0.00	27.98 1.03 0.00	25.77 0.90 0.00	25.93 0.82 0.00	27.36 0.84 0.00	27.46 0.89 0.00	26.65 0.93 0.00	27.46 1.06 0.00	23.15 1.03 0.00	19.75 0.95 0.00	21.29 1.08 0.00	22.30 1.12 0.00	27.07 1.32 0.00	27.14 1.31 0.00	28.76 1.43 0.00	32.75 1.74 0.00	32.09 1.83 0.00	41.43 2.19 0.00	49.69 2.40 0.00	51.40 2.07 0.00	47.26 1.89 0.00	50.08 2.10 0.00	49.62 2.04 0.00	37.57 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00

HAMLTNNY_34_KV_TB 80303	28.68 -0.39 0.00	26.59 -0.36 0.00	24.54 -0.32 0.00	24.77 -0.34 0.00	26.14 -0.38 0.00	26.22 -0.36 0.00	25.32 -0.39 0.00	25.98 -0.42 0.00	21.70 -0.42 0.00	18.38 -0.42 0.00	19.72 -0.49 0.00	20.71 -0.47 0.00	25.24 -0.51 0.00	25.35 -0.47 0.00	26.85 -0.49 0.00	30.45 -0.56 0.00	29.80 -0.46 0.00	38.78 -0.46 0.00	46.98 -0.31 0.00	49.18 -0.15 0.00	45.16 -0.22 0.00	47.64 -0.34 0.00	47.10 -0.47 0.00	35.69 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	29.68 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.06 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.52 0.00
HARDSCRABBLE_WT_PWR 323673	29.48 0.42 0.00	27.24 0.29 0.00	25.12 0.25 0.00	25.29 0.19 0.00	26.73 0.20 0.00	26.79 0.21 0.00	26.05 0.33 0.00	26.64 0.24 0.00	21.95 -0.17 0.00	18.50 -0.30 0.00	19.75 -0.45 0.00	20.77 -0.42 0.00	25.36 -0.39 0.00	25.40 -0.42 0.00	26.82 -0.51 0.00	30.53 -0.48 0.00	29.82 -0.45 0.00	39.07 -0.16 0.00	47.62 0.33 0.00	49.74 0.41 0.00	45.92 0.55 0.00	48.91 0.93 0.00	48.44 0.86 0.00	36.70 0.62 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.03 0.96 0.00	27.80 0.85 0.00	25.60 0.73 0.00	25.76 0.66 0.00	27.20 0.67 0.00	27.29 0.72 0.00	26.49 0.78 0.00	27.30 0.90 0.00	23.05 0.93 0.00	19.68 0.88 0.00	20.89 1.01 0.31	18.63 1.04 3.60	26.99 1.24 0.00	27.06 1.24 0.00	28.71 1.37 0.00	32.67 1.65 0.00	31.98 1.72 0.00	41.29 2.05 0.00	49.54 2.25 0.00	51.20 1.88 0.00	47.00 1.63 0.00	49.81 1.83 0.00	49.36 1.79 0.00	37.38 1.29 0.00
HARSNRAD_115KV_TB1 81005	27.02 -2.04 0.00	25.03 -1.92 0.00	23.10 -1.76 0.00	23.44 -1.66 0.00	24.69 -1.84 0.00	24.72 -1.85 0.00	23.91 -1.80 0.00	24.93 -1.47 0.00	21.03 -1.09 0.00	17.87 -0.93 0.00	19.30 -0.90 0.00	20.23 -0.95 0.00	24.48 -1.26 0.00	24.53 -1.29 0.00	26.11 -1.23 0.00	29.53 -1.48 0.00	28.37 -1.89 0.00	36.74 -2.50 0.00	44.57 -2.73 0.00	47.59 -1.74 0.00	43.80 -1.58 0.00	46.02 -1.96 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
HARZA MOOSE___RIVER 24016	29.72 0.66 0.00	27.44 0.49 0.00	25.29 0.42 0.00	25.62 0.52 0.00	27.04 0.51 0.00	27.02 0.45 0.00	26.12 0.40 0.00	26.78 0.38 0.00	22.33 0.21 0.00	18.88 0.08 0.00	20.24 0.03 0.00	21.19 0.00 0.00	25.78 0.03 0.00	25.95 0.13 0.00	27.47 0.13 0.00	31.13 0.12 0.00	30.49 0.23 0.00	40.02 0.78 0.00	48.63 1.33 0.00	50.83 1.50 0.00	46.68 1.30 0.00	49.44 1.46 0.00	48.65 1.08 0.00	36.81 0.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.51 -0.55 0.00	26.47 -0.48 0.00	24.42 -0.45 0.00	24.67 -0.43 0.00	26.04 -0.48 0.00	26.09 -0.49 0.00	25.19 -0.52 0.00	25.83 -0.57 0.00	21.61 -0.51 0.00	18.34 -0.45 0.00	19.73 -0.48 0.00	20.71 -0.48 0.00	25.21 -0.54 0.00	25.29 -0.54 0.00	26.80 -0.53 0.00	30.41 -0.61 0.00	29.72 -0.54 0.00	38.61 -0.63 0.00	46.62 -0.67 0.00	48.72 -0.60 0.00	44.80 -0.58 0.00	47.26 -0.72 0.00	46.80 -0.77 0.00	35.47 -0.62 0.00
HELLGATE_13_KV_LD 55870	30.39 1.33 0.00	28.15 1.20 0.00	25.93 1.06 0.00	26.04 0.94 0.00	27.45 0.92 0.00	27.57 0.99 0.00	26.78 1.06 0.00	27.60 1.20 0.00	23.39 1.27 0.00	20.00 1.20 0.00	21.89 1.39 -0.29	25.97 1.44 -3.34	27.46 1.71 0.00	27.51 1.68 0.00	29.10 1.76 0.00	33.11 2.09 0.00	32.37 2.11 0.00	41.57 2.33 0.00	49.62 2.33 0.00	51.20 1.87 0.00	47.09 1.71 0.00	50.11 2.13 0.00	49.83 2.25 0.00	37.77 1.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.39 1.33 0.00	28.15 1.20 0.00	25.93 1.06 0.00	26.04 0.94 0.00	27.45 0.92 0.00	27.57 0.99 0.00	26.78 1.06 0.00	27.60 1.20 0.00	23.39 1.27 0.00	20.00 1.20 0.00	21.89 1.39 -0.29	25.97 1.44 -3.34	27.46 1.71 0.00	27.51 1.68 0.00	29.10 1.76 0.00	33.11 2.09 0.00	32.37 2.11 0.00	41.57 2.33 0.00	49.62 2.33 0.00	51.20 1.87 0.00	47.09 1.71 0.00	50.11 2.13 0.00	49.83 2.25 0.00	37.77 1.69 0.00
HEMPSTEAD___ 23647	30.53 1.47 0.00	28.21 1.26 0.00	25.96 1.09 0.00	26.07 0.97 0.00	27.51 0.99 0.00	27.61 1.03 0.00	26.80 1.09 0.00	27.61 1.21 0.00	23.34 1.23 0.00	19.95 1.15 0.00	21.88 1.38 -0.29	25.94 1.43 -3.33	27.45 1.70 0.00	27.52 1.70 0.00	29.17 1.83 0.00	33.14 2.12 0.00	32.32 2.06 0.00	41.65 2.40 -0.01	49.47 2.18 0.00	50.91 1.59 0.00	47.02 1.64 0.00	50.15 2.16 0.00	49.65 2.08 0.00	37.79 1.70 0.00
HICKLING___1 23621	28.42 -0.65 0.00	26.32 -0.63 0.00	24.31 -0.55 0.00	24.67 -0.43 0.00	26.01 -0.52 0.00	26.08 -0.49 0.00	25.19 -0.52 0.00	26.02 -0.38 0.00	21.76 -0.36 0.00	18.46 -0.34 0.00	19.81 -0.39 0.00	20.81 -0.38 0.00	25.24 -0.51 0.00	25.24 -0.58 0.00	26.82 -0.52 0.00	30.39 -0.63 0.00	29.80 -0.46 0.00	38.89 -0.34 0.00	47.19 -0.11 0.00	49.58 0.25 0.00	45.32 -0.06 0.00	47.77 -0.21 0.00	47.26 -0.31 0.00	35.83 -0.25 0.00
HICKLING___2 23622	28.42 -0.65 0.00	26.32 -0.63 0.00	24.31 -0.55 0.00	24.67 -0.43 0.00	26.01 -0.52 0.00	26.08 -0.49 0.00	25.19 -0.52 0.00	26.02 -0.38 0.00	21.76 -0.36 0.00	18.46 -0.34 0.00	19.81 -0.39 0.00	20.81 -0.38 0.00	25.24 -0.51 0.00	25.24 -0.58 0.00	26.82 -0.52 0.00	30.39 -0.63 0.00	29.80 -0.46 0.00	38.89 -0.34 0.00	47.19 -0.11 0.00	49.58 0.25 0.00	45.32 -0.06 0.00	47.77 -0.21 0.00	47.26 -0.31 0.00	35.83 -0.25 0.00
HIGH FALLS___HY 23754	30.12 1.06 0.00	27.87 0.92 0.00	25.66 0.79 0.00	25.83 0.72 0.00	27.26 0.74 0.00	27.37 0.79 0.00	26.56 0.85 0.00	27.39 0.98 0.00	23.11 0.99 0.00	19.71 0.91 0.00	21.21 1.00 0.00	22.19 1.00 0.00	26.92 1.17 0.00	27.01 1.19 0.00	28.62 1.28 0.00	32.57 1.56 0.00	31.96 1.70 0.00	41.40 2.16 0.00	49.67 2.37 0.00	51.40 2.07 0.00	47.23 1.85 0.00	50.02 2.03 0.00	49.51 1.94 0.00	37.43 1.35 0.00
HIGH_RIVER___SOLAR 323847	29.86 0.80 0.00	27.67 0.72 0.00	25.51 0.64 0.00	25.75 0.64 0.00	27.22 0.70 0.00	27.30 0.72 0.00	26.43 0.72 0.00	27.04 0.64 0.00	22.33 0.21 0.00	18.78 -0.02 0.00	20.09 -0.11 0.00	21.05 -0.14 0.00	25.61 -0.13 0.00	25.72 -0.10 0.00	27.22 -0.12 0.00	30.98 -0.04 0.00	30.35 0.09 0.00	39.77 0.54 0.00	48.41 1.11 0.00	50.80 1.47 0.00	46.85 1.47 0.00	49.48 1.49 0.00	49.03 1.46 0.00	37.13 1.04 0.00
HILLBURN___GT 23639	29.96 0.89 0.00	27.74 0.79 0.00	25.55 0.68 0.00	25.71 0.61 0.00	27.15 0.62 0.00	27.24 0.66 0.00	26.45 0.74 0.00	27.27 0.87 0.00	23.03 0.92 0.00	19.69 0.89 0.00	20.86 1.02 0.36	18.08 1.05 4.15	26.99 1.24 0.00	27.04 1.22 0.00	28.68 1.34 0.00	32.61 1.60 0.00	31.89 1.63 0.00	41.11 1.87 0.00	49.32 2.02 0.00	50.91 1.59 0.00	46.75 1.37 0.00	49.61 1.63 0.00	49.20 1.62 0.00	37.27 1.18 0.00

HILLSIDE_115KV_TB1 80332	28.11 -0.95 0.00	26.04 -0.91 0.00	24.09 -0.78 0.00	24.42 -0.68 0.00	25.73 -0.79 0.00	25.80 -0.78 0.00	24.91 -0.81 0.00	25.73 -0.67 0.00	21.56 -0.56 0.00	18.33 -0.46 0.00	19.68 -0.53 0.00	20.66 -0.52 0.00	25.06 -0.69 0.00	25.05 -0.76 0.00	26.60 -0.74 0.00	30.13 -0.89 0.00	29.55 -0.71 0.00	38.48 -0.76 0.00	46.57 -0.73 0.00	48.75 -0.58 0.00	44.55 -0.83 0.00	47.05 -0.94 0.00	46.53 -1.04 0.00	35.31 -0.77 0.00
HISHELDN_WT_PWR 323625	27.49 -1.58 0.00	25.44 -1.51 0.00	23.48 -1.38 0.00	23.86 -1.24 0.00	25.16 -1.37 0.00	25.22 -1.36 0.00	24.35 -1.36 0.00	25.31 -1.09 0.00	21.24 -0.88 0.00	18.01 -0.79 0.00	19.42 -0.79 0.00	20.36 -0.83 0.00	24.67 -1.08 0.00	24.70 -1.12 0.00	26.29 -1.05 0.00	29.74 -1.28 0.00	28.80 -1.46 0.00	37.45 -1.79 0.00	45.50 -1.79 0.00	48.44 -0.89 0.00	44.12 -0.86 0.39	46.79 -1.20 0.00	46.63 -0.94 0.00	35.26 -0.83 0.00
HOLTSVILLE_IC_1 23690	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00	27.90 1.50 0.00	23.57 1.45 0.00	20.13 1.33 0.00	22.07 1.58 -0.29	26.14 1.63 -3.33	27.68 1.93 0.00	27.73 1.91 0.00	29.45 2.11 0.00	33.38 2.36 0.00	32.45 2.19 0.00	41.87 2.62 -0.01	49.55 2.26 0.00	50.71 1.39 0.00	46.87 1.50 0.00	50.20 2.21 0.00	49.57 2.00 0.00	37.91 1.83 0.00
HOLTSVILLE_IC_10 23699	31.07 2.00 0.00	28.63 1.68 0.00	26.33 1.47 0.00	26.43 1.33 0.00	27.89 1.37 0.00	28.00 1.42 0.00	27.18 1.47 0.00	28.01 1.61 0.00	23.66 1.55 0.00	20.20 1.40 0.00	22.16 1.67 -0.29	26.24 1.72 -3.33	27.81 2.06 0.00	27.86 2.04 0.00	29.61 2.27 0.00	33.57 2.55 0.00	32.65 2.39 0.00	42.15 2.90 -0.01	49.87 2.58 0.00	51.03 1.70 0.00	47.15 1.77 0.00	50.48 2.49 0.00	49.81 2.24 0.00	38.08 1.99 0.00
HOLTSVILLE_IC_2 23691	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00	27.90 1.50 0.00	23.57 1.45 0.00	20.13 1.33 0.00	22.07 1.58 -0.29	26.14 1.63 -3.33	27.68 1.93 0.00	27.73 1.91 0.00	29.45 2.11 0.00	33.38 2.36 0.00	32.45 2.19 0.00	41.87 2.62 -0.01	49.55 2.26 0.00	50.71 1.39 0.00	46.87 1.50 0.00	50.20 2.21 0.00	49.57 2.00 0.00	37.91 1.83 0.00
HOLTSVILLE_IC_3 23692	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00	27.90 1.50 0.00	23.57 1.45 0.00	20.13 1.33 0.00	22.07 1.58 -0.29	26.14 1.63 -3.33	27.68 1.93 0.00	27.73 1.91 0.00	29.45 2.11 0.00	33.38 2.36 0.00	32.45 2.19 0.00	41.87 2.62 -0.01	49.55 2.26 0.00	50.71 1.39 0.00	46.87 1.50 0.00	50.20 2.21 0.00	49.57 2.00 0.00	37.91 1.83 0.00
HOLTSVILLE_IC_4 23693	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00	27.90 1.50 0.00	23.57 1.45 0.00	20.13 1.33 0.00	22.07 1.58 -0.29	26.14 1.63 -3.33	27.68 1.93 0.00	27.73 1.91 0.00	29.45 2.11 0.00	33.38 2.36 0.00	32.45 2.19 0.00	41.87 2.62 -0.01	49.55 2.26 0.00	50.71 1.39 0.00	46.87 1.50 0.00	50.20 2.21 0.00	49.57 2.00 0.00	37.91 1.83 0.00
HOLTSVILLE_IC_5 23694	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00																	

HQ_GEN_CEDARS_PROXY 323590	29.45 0.39 0.00	27.29 0.34 0.00	25.17 0.30 0.00	25.45 0.35 0.00	26.87 0.34 0.00	26.90 0.32 0.00	25.66 0.32 0.37	26.72 0.32 0.00	22.40 0.28 0.00	19.03 0.23 0.00	20.48 0.28 0.00	21.46 0.28 0.00	26.07 0.32 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.38 0.37 0.00	30.58 0.32 0.00	39.75 0.52 0.00	45.28 0.57 2.59	50.09 0.77 0.00	43.99 0.51 1.89	48.84 0.47 -0.38	48.02 0.45 0.00	36.44 0.36 0.00
HQ_GEN_CHPE_PROXY 323851	30.19 1.12 0.00	27.96 1.01 0.00	25.76 0.90 0.00	25.90 0.79 0.00	27.30 0.78 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.25 1.51 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.84 1.83 0.00	32.11 1.85 0.00	41.22 1.99 0.00	49.24 1.95 0.01	50.78 1.45 0.00	46.09 1.35 0.63	49.81 1.83 0.00	48.50 1.95 1.03	37.56 1.47 0.00
HQ_GEN_IMPORT 323601	29.23 0.17 0.00	27.11 0.16 0.00	25.02 0.15 0.00	25.26 0.15 0.00	26.69 0.16 0.00	26.73 0.15 0.00	25.86 0.15 0.00	26.56 0.16 0.00	22.25 0.14 0.00	18.93 0.12 0.00	20.35 0.14 0.00	21.33 0.15 0.00	25.92 0.17 0.00	25.99 0.17 0.00	27.52 0.19 0.00	31.22 0.20 0.00	30.43 0.17 0.00	39.50 0.26 0.00	47.58 0.28 0.00	49.67 0.34 0.00	45.01 0.26 0.63	48.23 0.25 0.00	46.80 0.25 1.03	36.27 0.18 0.00
HQ_GEN_WHEEL 23651	29.23 0.17 0.00	27.11 0.16 0.00	25.02 0.15 0.00	25.26 0.15 0.00	26.69 0.16 0.00	26.73 0.15 0.00	25.86 0.15 0.00	26.56 0.16 0.00	22.25 0.14 0.00	18.93 0.12 0.00	20.35 0.14 0.00	21.33 0.15 0.00	25.92 0.17 0.00	25.99 0.17 0.00	27.52 0.19 0.00	31.22 0.20 0.00	30.43 0.17 0.00	39.50 0.26 0.00	47.58 0.28 0.00	49.67 0.34 0.00	45.01 0.26 0.63	48.23 0.25 0.00	46.80 0.25 1.03	36.27 0.18 0.00
HUDSON AVE_GT_3 23810	30.26 1.20 0.00	28.02 1.07 0.00	25.82 0.95 0.00	25.95 0.85 0.00	27.36 0.83 0.00	27.46 0.88 0.00	26.66 0.95 0.00	27.50 1.10 0.00	23.28 1.16 0.00	19.91 1.12 0.00	21.79 1.29 -0.29	25.86 1.33 -3.34	27.34 1.59 0.00	27.35 1.53 0.00	28.97 1.63 0.00	32.94 1.93 0.00	32.21 1.95 0.00	41.38 2.15 0.00	49.48 2.18 0.00	51.02 1.70 0.00	46.94 1.56 0.00	49.99 2.01 0.00	49.67 2.10 0.00	37.65 1.56 0.00
HUDSON AVE_GT_4 23540	30.26 1.20 0.00	28.02 1.07 0.00	25.82 0.95 0.00	25.95 0.85 0.00	27.36 0.83 0.00	27.46 0.88 0.00	26.66 0.95 0.00	27.50 1.10 0.00	23.28 1.16 0.00	19.91 1.12 0.00	21.79 1.29 -0.29	25.86 1.33 -3.34	27.34 1.59 0.00	27.35 1.53 0.00	28.97 1.63 0.00	32.94 1.93 0.00	32.21 1.95 0.00	41.38 2.15 0.00	49.48 2.18 0.00	51.02 1.70 0.00	46.94 1.56 0.00	49.99 2.01 0.00	49.67 2.10 0.00	37.65 1.56 0.00
HUDSON AVE_GT_5 23657	30.26 1.20 0.00	28.02 1.07 0.00	25.82 0.95 0.00	25.95 0.85 0.00	27.36 0.83 0.00	27.46 0.88 0.00	26.66 0.95 0.00	27.50 1.10 0.00	23.28 1.16 0.00	19.91 1.12 0.00	21.79 1.29 -0.29	25.86 1.33 -3.34	27.34 1.59 0.00	27.35 1.53 0.00	28.97 1.63 0.00	32.94 1.93 0.00	32.21 1.95 0.00	41.38 2.15 0.00	49.48 2.18 0.00	51.02 1.70 0.00	46.94 1.56 0.00	49.99 2.01 0.00	49.67 2.10 0.00	37.65 1.56 0.00
HUDSON_AVE_10 24168	30.12 1.06 0.00	27.90 0.95 0.00	25.72 0.85 0.00	25.84 0.74 0.00	27.25 0.72 0.00	27.34 0.76 0.00	26.55 0.83 0.00	27.37 0.97 0.00	23.18 1.07 0.00	19.83 1.03 0.00	21.67 1.18 -0.29	25.75 1.22 -3.34	27.21 1.46 0.00	27.21 1.39 0.00	28.80 1.47 0.00	32.75 1.74 0.00	32.03 1.77 0.00	41.15 1.92 0.00	49.23 1.94 0.00	50.75 1.42 0.00	46.64 1.28 0.01	49.68 1.71 0.02	49.41 1.84 0.00	37.54 1.46 0.00
HUDSON___115KV_TB 4 355613	29.84 0.78 0.00	27.63 0.69 0.00	25.50 0.64 0.00	25.70 0.60 0.00	27.17 0.64 0.00	27.28 0.70 0.00	26.46 0.74 0.00	27.14 0.74 0.00	22.60 0.49 0.00	19.12 0.32 0.00	20.50 0.29 0.00	21.48 0.30 0.00	26.12 0.37 0.00	26.22 0.40 0.00	27.74 0.40 0.00	31.51 0.49 0.00	30.76 0.50 0.00	39.97 0.73 0.00	48.50 1.20 0.00	50.61 1.28 0.00	46.71 1.33 0.00	49.35 1.37 0.00	48.88 1.30 0.00	37.13 1.04 0.00
HUNTER MOUNT___DRP 323613	29.94 0.88 0.00	27.73 0.78 0.00	25.58 0.71 0.00	25.79 0.68 0.00	27.26 0.74 0.00	27.37 0.79 0.00	26.56 0.84 0.00	27.25 0.85 0.00	22.69 0.58 0.00	19.17 0.37 0.00	20.56 0.35 0.00	21.53 0.34 0.00	26.19 0.44 0.00	26.29 0.46 0.00	27.84 0.50 0.00	31.62 0.60 0.00	30.89 0.63 0.00	40.20 0.96 0.00	48.78 1.49 0.00	50.90 1.58 0.00	46.99 1.61 0.00	49.60 1.62 0.00	49.10 1.53 0.00	37.26 1.18 0.00
HUNTINGTON_RES_REC 323705	30.85 1.79 0.00	28.45 1.50 0.00	26.17 1.30 0.00	26.28 1.17 0.00	27.73 1.20 0.00	27.84 1.26 0.00	27.02 1.31 0.00	27.85 1.45 0.00	23.54 1.43 0.00	20.09 1.29 0.00	22.03 1.53 -0.29	26.09 1.58 -3.33	27.62 1.87 0.00	27.71 1.89 0.00	29.45 2.11 0.00	33.42 2.41 0.00	32.54 2.28 0.00	41.96 2.72 -0.01	49.68 2.39 0.00	50.89 1.57 0.00	47.00 1.62 0.00	50.32 2.33 0.00	49.69 2.11 0.00	37.95 1.86 0.00
HUNTLEY___63 23557	27.18 -1.88 0.00	25.18 -1.77 0.00	23.24 -1.63 0.00	23.58 -1.53 0.00	24.83 -1.70 0.00	24.87 -1.71 0.00	24.04 -1.67 0.00	25.11 -1.30 0.00	21.20 -0.92 0.00	18.04 -0.76 0.00	19.48 -0.72 0.00	20.43 -0.75 0.00	24.75 -1.00 0.00	24.81 -1.01 0.00	26.42 -0.92 0.00	29.87 -1.14 0.00	28.70 -1.56 0.00	37.12 -2.12 0.00	45.01 -2.29 0.00	48.00 -1.33 0.00	44.15 -1.23 0.00	46.37 -1.61 0.00	46.40 -1.17 0.00	35.04 -1.04 0.00
HUNTLEY___64 23558	27.18 -1.88 0.00	25.18 -1.77 0.00	23.24 -1.63 0.00	23.58 -1.53 0.00	24.83 -1.70 0.00	24.87 -1.71 0.00	24.04 -1.67 0.00	25.11 -1.30 0.00	21.20 -0.92 0.00	18.04 -0.76 0.00	19.48 -0.72 0.00	20.43 -0.75 0.00	24.75 -1.00 0.00	24.81 -1.01 0.00	26.42 -0.92 0.00	29.87 -1.14 0.00	28.70 -1.56 0.00	37.12 -2.12 0.00	45.01 -2.29 0.00	48.00 -1.33 0.00	44.15 -1.23 0.00	46.37 -1.61 0.00	46.40 -1.17 0.00	35.04 -1.04 0.00
HUNTLEY___65 23559	27.18 -1.88 0.00	25.18 -1.77 0.00	23.24 -1.63 0.00	23.58 -1.53 0.00	24.83 -1.70 0.00	24.87 -1.71 0.00	24.04 -1.67 0.00	25.11 -1.30 0.00	21.20 -0.92 0.00	18.04 -0.76 0.00	19.48 -0.72 0.00	20.43 -0.75 0.00	24.75 -1.00 0.00	24.81 -1.01 0.00	26.42 -0.92 0.00	29.87 -1.14 0.00	28.70 -1.56 0.00	37.12 -2.12 0.00	45.01 -2.29 0.00	48.00 -1.33 0.00	44.15 -1.23 0.00	46.37 -1.61 0.00	46.40 -1.17 0.00	35.04 -1.04 0.00
HUNTLEY___66 23560	27.18 -1.88 0.00	25.18 -1.77 0.00	23.24 -1.63 0.00	23.58 -1.53 0.00	24.83 -1.70 0.00	24.87 -1.71 0.00	24.04 -1.67 0.00	25.11 -1.30 0.00	21.20 -0.92 0.00	18.04 -0.76 0.00	19.48 -0.72 0.00	20.43 -0.75 0.00	24.75 -1.00 0.00	24.81 -1.01 0.00	26.42 -0.92 0.00	29.87 -1.14 0.00	28.70 -1.56 0.00	37.12 -2.12 0.00	45.01 -2.29 0.00	48.00 -1.33 0.00	44.15 -1.23 0.00	46.37 -1.61 0.00	46.40 -1.17 0.00	35.04 -1.04 0.00

HUNTLEY___67 23561	27.13 -1.93 0.00	25.14 -1.82 0.00	23.20 -1.67 0.00	23.54 -1.56 0.00	24.80 -1.73 0.00	24.83 -1.75 0.00	24.01 -1.70 0.00	25.01 -1.39 0.00	21.12 -1.00 0.00	17.98 -0.82 0.00	19.43 -0.78 0.00	20.36 -0.82 0.00	24.67 -1.08 0.00	24.70 -1.12 0.00	26.29 -1.05 0.00	29.73 -1.29 0.00	28.61 -1.65 0.00	37.04 -2.20 0.00	44.84 -2.45 0.00	47.76 -1.57 0.00	43.94 -1.44 0.00	46.19 -1.80 0.00	46.18 -1.39 0.00	34.90 -1.19 0.00
HUNTLEY___68 23562	27.13 -1.93 0.00	25.14 -1.82 0.00	23.20 -1.67 0.00	23.54 -1.56 0.00	24.80 -1.73 0.00	24.83 -1.75 0.00	24.01 -1.70 0.00	25.01 -1.39 0.00	21.12 -1.00 0.00	17.98 -0.82 0.00	19.43 -0.78 0.00	20.36 -0.82 0.00	24.67 -1.08 0.00	24.70 -1.12 0.00	26.29 -1.05 0.00	29.73 -1.29 0.00	28.61 -1.65 0.00	37.04 -2.20 0.00	44.84 -2.45 0.00	47.76 -1.57 0.00	43.94 -1.44 0.00	46.19 -1.80 0.00	46.18 -1.39 0.00	34.90 -1.19 0.00
HYLAND___LFGE 323620	29.20 0.14 0.00	27.04 0.09 0.00	24.86 -0.01 0.00	25.22 0.11 0.00	26.62 0.10 0.00	26.71 0.13 0.00	25.84 0.13 0.00	26.75 0.35 0.00	22.15 0.04 0.00	18.54 -0.26 0.00	19.78 -0.42 0.00	20.64 -0.54 0.00	25.05 -0.69 0.00	25.11 -0.71 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.46 -0.80 0.00	38.52 -0.72 0.00	47.29 -0.01 0.00	51.62 2.30 0.00	47.72 2.34 0.00	50.07 2.08 0.00	49.50 1.92 0.00	37.23 1.14 0.00
INDECK___CORINTH 23802	29.90 0.83 0.00	27.71 0.76 0.00	25.58 0.71 0.00	25.76 0.65 0.00	27.20 0.67 0.00	27.33 0.75 0.00	26.54 0.83 0.00	27.22 0.82 0.00	22.58 0.47 0.00	18.99 0.19 0.00	20.10 -0.10 0.00	21.03 -0.15 0.00	25.66 -0.09 0.00	25.70 -0.12 0.00	27.17 -0.17 0.00	30.94 -0.07 0.00	30.37 0.10 0.00	39.84 0.60 0.00	48.80 1.50 0.00	50.87 1.54 0.00	47.14 1.76 0.00	49.63 1.65 0.00	49.15 1.58 0.00	37.21 1.12 0.00
INDECK___ILION 23567	29.32 0.25 0.00	27.14 0.18 0.00	25.04 0.17 0.00	25.24 0.14 0.00	26.66 0.14 0.00	26.73 0.15 0.00	25.93 0.21 0.00	26.57 0.17 0.00	22.05 -0.07 0.00	18.66 -0.14 0.00	19.98 -0.23 0.00	20.98 -0.20 0.00	25.57 -0.18 0.00	25.63 -0.18 0.00	27.10 -0.24 0.00	30.79 -0.22 0.00	30.08 -0.18 0.00	39.22 -0.02 0.00	47.54 0.25 0.00	49.61 0.28 0.00	45.74 0.36 0.00	48.55 0.56 0.00	48.09 0.52 0.00	36.45 0.36 0.00
INDECK___OLEAN 23982	28.09 -0.97 0.00	26.04 -0.91 0.00	24.05 -0.82 0.00	24.46 -0.65 0.00	25.78 -0.74 0.00	25.84 -0.74 0.00	24.97 -0.74 0.00	25.96 -0.44 0.00	21.89 -0.22 0.00	18.64 -0.16 0.00	20.05 -0.16 0.00	20.95 -0.24 0.00	25.34 -0.41 0.00	25.32 -0.51 0.00	26.82 -0.52 0.00	30.22 -0.79 0.00	29.45 -0.82 0.00	38.30 -0.94 0.00	46.67 -0.62 0.00	48.97 -0.35 0.00	43.39 -0.58 1.40	47.17 -0.81 0.00	46.80 -0.77 0.00	35.42 -0.67 0.00
INDECK___OSWEGO 23783	28.31 -0.76 0.00	26.27 -0.68 0.00	24.24 -0.63 0.00	24.50 -0.61 0.00	25.87 -0.66 0.00	25.89 -0.69 0.00	24.98 -0.73 0.00	25.59 -0.81 0.00	21.39 -0.72 0.00	18.15 -0.65 0.00	19.51 -0.70 0.00	20.46 -0.72 0.00	24.92 -0.83 0.00	25.01 -0.82 0.00	26.49 -0.85 0.00	30.00 -1.01 0.00	29.29 -0.97 0.00	38.12 -1.12 0.00	46.07 -1.22 0.00	48.14 -1.19 0.00	44.28 -1.10 0.00	46.78 -1.20 0.00	46.30 -1.27 0.00	35.10 -0.98 0.00
INDECK___YERKES 23781	27.21 -1.85 0.00	25.20 -1.76 0.00	23.26 -1.60 0.00	23.59 -1.51 0.00	24.85 -1.67 0.00	24.88 -1.70 0.00	24.03 -1.68 0.00	25.13 -1.27 0.00	21.23 -0.89 0.00	18.05 -0.75 0.00	19.50 -0.71 0.00	20.44 -0.74 0.00	24.78 -0.97 0.00	24.83 -0.99 0.00	26.44 -0.90 0.00	29.90 -1.12 0.00	28.72 -1.54 0.00	37.16 -2.07 0.00	45.05 -2.24 0.00	48.04 -1.29 0.00	43.43 -1.19 0.75	46.41 -1.57 0.00	46.43 -1.14 0.00	35.08 -1.01 0.00
INDIAN POINT_GT_1 24139	30.00 0.93 0.00	27.77 0.82 0.00	25.58 0.72 0.00	25.73 0.63 0.00	27.15 0.63 0.00	27.24 0.66 0.00	26.45 0.74 0.00	27.27 0.87 0.00	23.03 0.91 0.00	19.68 0.88 0.00	21.54 1.02 -0.32	25.90 1.04 -3.68	26.98 1.23 0.00	27.03 1.21 0.00	28.64 1.30 0.00	32.56 1.55 0.00	31.85 1.59 0.00	41.02 1.79 0.00	49.15 1.86 0.00	50.76 1.43 0.00	46.66 1.28 0.00	49.56 1.58 0.00	49.18 1.60 0.00	37.28 1.19 0.00
INDIAN POINT_GT_2 23659	30.00 0.93 0.00	27.77 0.82 0.00	25.58 0.72 0.00	25.73 0.63 0.00	27.15 0.63 0.00	27.24 0.66 0.00	26.45 0.74 0.00	27.27 0.87 0.00	23.03 0.91 0.00	19.68 0.88 0.00	21.54 1.02 -0.32	25.90 1.04 -3.68	26.98 1.23 0.00	27.03 1.21 0.00	28.64 1.30 0.00	32.56 1.55 0.00	31.85 1.59 0.00	41.02 1.79 0.00	49.15 1.86 0.00	50.76 1.43 0.00	46.66 1.28 0.00	49.56 1.58 0.00	49.18 1.60 0.00	37.28 1.19 0.00
INDIAN POINT_GT_3 24019	30.00 0.93 0.00	27.77 0.82 0.00	25.58 0.72 0.00	25.73 0.63 0.00	27.15 0.63 0.00	27.24 0.66 0.00	26.45 0.74 0.00	27.27 0.87 0.00	23.03 0.91 0.00	19.68 0.88 0.00	21.54 1.02 -0.32	25.90 1.04 -3.68	26.98 1.23 0.00	27.03 1.21 0.00	28.64 1.30 0.00	32.56 1.55 0.00	31.85 1.59 0.00	41.02 1.79 0.00	49.15 1.86 0.00	50.76 1.43 0.00	46.66 1.28 0.00	49.56 1.58 0.00	49.18 1.60 0.00	37.28 1.19 0.00
INDIAN POINT___2 23530	29.96 0.89 0.00	27.74 0.79 0.00	25.55 0.69 0.00	25.71 0.60 0.00	27.13 0.60 0.00	27.23 0.65 0.00	26.43 0.72 0.00	27.24 0.84 0.00	23.01 0.90 0.00	19.66 0.87 0.00	21.65 1.00 -0.44	27.28 1.03 -5.07	26.95 1.21 0.00	27.01 1.19 0.00	28.62 1.28 0.00	32.54 1.52 0.00	31.82 1.56 0.00	40.98 1.75 0.00	49.13 1.83 0.00	50.72 1.39 0.00	46.61 1.24 0.00	49.51 1.53 0.00	49.13 1.56 0.00	37.24 1.15 0.00
INDIAN POINT___3 23531	29.98 0.91 0.00	27.76 0.81 0.00	25.57 0.71 0.00	25.72 0.62 0.00	27.15 0.62 0.00	27.24 0.66 0.00	26.44 0.72 0.00	27.25 0.86 0.00	23.02 0.91 0.00	19.67 0.87 0.00	21.54 1.00 -0.33	26.00 1.03 -3.79	26.96 1.21 0.00	27.01 1.19 0.00	28.62 1.28 0.00	32.54 1.53 0.00	31.82 1.56 0.00	40.98 1.75 0.00	49.12 1.83 0.00	50.72 1.39 0.00	46.63 1.26 0.00	49.52 1.54 0.00	49.13 1.56 0.00	37.25 1.16 0.00
INDIANHD_69_KV_BK1 55831	30.96 1.89 0.00	28.53 1.58 0.00	26.24 1.37 0.00	26.35 1.25 0.00	27.81 1.28 0.00	27.90 1.32 0.00	27.08 1.37 0.00	27.93 1.53 0.00	23.60 1.48 0.00	20.15 1.35 0.00	22.09 1.60 -0.29	26.16 1.65 -3.33	27.71 1.96 0.00	27.80 1.98 0.00	29.54 2.20 0.00	33.54 2.52 0.00	32.66 2.40 0.00	42.12 2.88 -0.01	49.87 2.57 0.00	51.06 1.74 0.00	47.16 1.78 0.00	50.46 2.47 0.00	49.82 2.25 0.00	38.04 1.96 0.00
INGHAM_C_115KV_TB7 356103	29.57 0.51 0.00	27.31 0.36 0.00	25.20 0.33 0.00	25.36 0.26 0.00	26.78 0.26 0.00	26.87 0.29 0.00	26.14 0.43 0.00	26.69 0.29 0.00	21.88 -0.23 0.00	18.39 -0.41 0.00	19.60 -0.60 0.00	20.63 -0.55 0.00	25.23 -0.52 0.00	25.27 -0.55 0.00	26.66 -0.68 0.00	30.36 -0.65 0.00	29.67 -0.59 0.00	38.96 -0.27 0.00	47.65 0.35 0.00	49.84 0.52 0.00	46.05 0.67 0.00	49.09 1.11 0.00	48.56 0.99 0.00	36.80 0.72 0.00

IP CORINTH___1 23988	30.06 0.99 0.00	27.85 0.90 0.00	25.72 0.85 0.00	25.88 0.78 0.00	27.34 0.82 0.00	27.47 0.89 0.00	26.68 0.97 0.00	27.36 0.96 0.00	22.70 0.58 0.00	19.08 0.28 0.00	20.21 0.00 0.00	21.14 -0.05 0.00	25.79 0.04 0.00	25.83 0.01 0.00	27.31 -0.03 0.00	31.10 0.08 0.00	30.53 0.27 0.00	40.05 0.82 0.00	49.06 1.77 0.00	51.15 1.82 0.00	47.40 2.03 0.00	49.91 1.93 0.00	49.42 1.84 0.00	37.42 1.33 0.00
IP___TICONDEROGA 23804	31.69 2.63 0.00	29.34 2.39 0.00	27.12 2.26 0.00	27.22 2.11 0.00	28.62 2.09 0.00	28.85 2.27 0.00	28.13 2.42 0.00	28.77 2.38 0.00	23.59 1.47 0.00	19.61 0.81 0.00	20.60 0.40 0.00	21.44 0.25 0.00	26.27 0.52 0.00	26.43 0.61 0.00	27.88 0.54 0.00	31.91 0.90 0.00	31.78 1.51 0.00	42.12 2.89 0.00	52.11 4.81 0.00	54.19 4.86 0.00	50.34 4.96 0.00	52.54 4.56 0.00	52.07 4.50 0.00	39.47 3.39 0.00
ISLIP_RES_REC 323679	31.17 2.11 0.00	28.71 1.76 0.00	26.41 1.55 0.00	26.50 1.40 0.00	27.97 1.44 0.00	28.08 1.50 0.00	27.25 1.53 0.00	28.09 1.69 0.00	23.73 1.61 0.00	20.26 1.46 0.00	22.23 1.73 -0.29	26.30 1.79 -3.33	27.90 2.15 0.00	27.97 2.15 0.00	29.71 2.38 0.00	33.72 2.70 0.00	32.81 2.55 0.00	42.38 3.13 -0.01	50.18 2.89 0.00	51.32 1.99 0.00	47.41 2.03 0.00	50.71 2.72 0.00	50.02 2.45 0.00	38.22 2.13 0.00
JAMAICA___27_KV_LOAD 355505	30.31 1.25 0.00	28.07 1.12 0.00	25.90 1.03 0.00	26.01 0.91 0.00	27.43 0.90 0.00	27.50 0.92 0.00	26.71 1.00 0.00	27.57 1.17 0.00	23.40 1.28 0.00	20.00 1.20 0.00	21.76 1.27 -0.29	25.92 1.39 -3.34	27.42 1.67 0.00	27.40 1.58 0.00	28.93 1.60 0.00	32.90 1.89 0.00	32.19 1.93 0.00	41.39 2.15 0.00	49.53 2.24 0.00	50.87 1.54 0.00	46.76 1.40 0.01	49.94 1.97 0.02	49.73 2.16 0.00	37.79 1.70 0.00
JANIS___SOLAR 323808	29.66 0.60 0.00	27.48 0.53 0.00	25.32 0.45 0.00	25.61 0.51 0.00	27.03 0.50 0.00	27.14 0.56 0.00	26.19 0.48 0.00	26.82 0.42 0.00	22.25 0.13 0.00	18.69 -0.11 0.00	19.85 -0.36 0.00	20.90 -0.29 0.00	25.43 -0.32 0.00	25.54 -0.28 0.00	27.09 -0.24 0.00	30.79 -0.22 0.00	30.43 0.17 0.00	39.74 0.50 0.00	48.80 1.51 0.00	51.45 2.12 0.00	47.66 2.02 -0.27	49.91 1.92 0.00	49.23 1.66 0.00	37.17 1.09 0.00
JARVIS____ 23743	29.11 0.05 0.00	26.98 0.04 0.00	24.89 0.02 0.00	25.13 0.02 0.00	26.55 0.03 0.00	26.61 0.03 0.00	25.76 0.05 0.00	26.43 0.03 0.00	22.12 0.00 0.00	18.80 0.00 0.00	20.18 -0.02 0.00	21.17 -0.02 0.00	25.73 -0.02 0.00	25.82 0.00 0.00	27.32 -0.02 0.00	31.00 -0.02 0.00	30.26 0.00 0.00	39.25 0.01 0.00	47.33 0.04 0.00	49.34 0.01 0.00	45.42 0.05 0.00	48.06 0.08 0.00	47.64 0.07 0.00	36.16 0.07 0.00
JENNISON___1 23625	29.70 0.64 0.00	27.40 0.45 0.00	25.21 0.35 0.00	25.67 0.56 0.00	27.17 0.64 0.00	27.28 0.70 0.00	26.32 0.60 0.00	26.83 0.43 0.00	22.46 0.34 0.00	19.04 0.24 0.00	20.32 0.11 0.00	21.35 0.17 0.00	25.97 0.22 0.00	26.10 0.28 0.00	27.70 0.36 0.00	31.46 0.45 0.00	30.97 0.71 0.00	40.31 1.08 0.00	49.05 1.75 0.00	51.53 2.21 0.00	47.40 2.02 0.00	49.94 1.96 0.00	49.33 1.76 0.00	37.29 1.20 0.00
JENNISON___2 23626	29.70 0.64 0.00	27.40 0.45 0.00	25.21 0.35 0.00	25.67 0.56 0.00	27.17 0.64 0.00	27.28 0.70 0.00	26.32 0.60 0.00	26.83 0.43 0.00	22.46 0.34 0.00	19.04 0.24 0.00	20.32 0.11 0.00	21.35 0.17 0.00	25.97 0.22 0.00	26.10 0.28 0.00	27.70 0.36 0.00	31.46 0.45 0.00	30.97 0.71 0.00	40.31 1.08 0.00	49.05 1.75 0.00	51.53 2.21 0.00	47.40 2.02 0.00	49.94 1.96 0.00	49.33 1.76 0.00	37.29 1.20 0.00
JERICHO_RISE_WT_PWR 323719	29.16 0.10 0.00	27.04 0.09 0.00	24.99 0.12 0.00	25.23 0.12 0.00	26.67 0.14 0.00	26.68 0.10 0.00	25.80 0.08 0.00	26.50 0.10 0.00	22.21 0.10 0.00	18.91 0.11 0.00	20.35 0.14 0.00	21.32 0.13 0.00	25.87 0.12 0.00	25.90 0.08 0.00	27.41 0.07 0.00	31.10 0.08 0.00	30.35 0.09 0.00	39.47 0.23 0.00	47.52 0.22 0.00	49.60 0.27 0.00	45.44 0.07 0.00	48.03 0.05 0.00	47.62 0.04 0.00	36.13 0.04 0.00
KATONAH___115KV_46KV_TB4 355592	30.12 1.05 0.00	27.87 0.92 0.00	25.68 0.81 0.00	25.82 0.72 0.00	27.25 0.72 0.00	27.35 0.77 0.00	26.54 0.82 0.00	27.36 0.96 0.00	23.10 0.98 0.00	19.73 0.93 0.00	21.44 1.08 -0.16	24.09 1.11 -1.80	27.07 1.32 0.00	27.11 1.29 0.00	28.73 1.39 0.00	32.69 1.67 0.00	31.98 1.72 0.00	41.20 1.97 0.00	49.36 2.06 0.00	51.00 1.67 0.00	46.92 1.54 0.00	49.78 1.80 0.00	49.36 1.79 0.00	37.42 1.33 0.00
KCE_NY_1 323755	30.12 1.05 0.00	27.89 0.94 0.00	25.75 0.88 0.00	25.94 0.84 0.00	27.43 0.90 0.00	27.57 0.99 0.00	26.72 1.01 0.00	27.40 1.00 0.00	22.79 0.68 0.00	19.25 0.45 0.00	20.56 0.35 0.00	21.53 0.34 0.00	26.24 0.49 0.00	26.35 0.53 0.00	27.80 0.46 0.00	31.71 0.70 0.00	31.04 0.78 0.00	40.50 1.27 0.00	49.15 1.85 0.00	51.21 1.88 0.00	47.34 1.97 0.00	49.98 1.99 0.00	49.55 1.98 0.00	37.49 1.41 0.00
KCE_NY_6_ESR 323823	27.43 -1.64 0.00	25.39 -1.56 0.00	23.45 -1.42 0.00	23.79 -1.31 0.00	25.06 -1.47 0.00	25.10 -1.48 0.00	24.22 -1.49 0.00	25.27 -1.14 0.00	21.31 -0.81 0.00	18.12 -0.68 0.00	19.56 -0.64 0.00	20.52 -0.66 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.56 -0.78 0.00	30.03 -0.99 0.00	28.98 -1.28 0.00	37.57 -1.67 0.00	45.53 -1.76 0.00	48.48 -0.84 0.00	43.79 -0.78 0.81	46.81 -1.17 0.00	46.74 -0.83 0.00	35.30 -0.79 0.00
KEDC_PORT_JEFF_GT2 24210	31.00 1.94 0.00	28.56 1.61 0.00	26.28 1.42 0.00	26.38 1.28 0.00	27.84 1.31 0.00	27.94 1.37 0.00	27.12 1.41 0.00	27.96 1.56 0.00	23.62 1.50 0.00	20.17 1.37 0.00	22.13 1.63 -0.29	26.20 1.68 -3.33	27.76 2.01 0.00	27.82 2.00 0.00	29.55 2.22 0.00	33.52 2.50 0.00	32.60 2.34 0.00	42.04 2.79 -0.01	49.71 2.41 0.00	50.86 1.53 0.00	47.00 1.63 0.00	50.35 2.37 0.00	49.70 2.13 0.00	38.01 1.92 0.00
KEDC_PORT_JEFF_GT3 24211	31.00 1.94 0.00	28.56 1.61 0.00	26.28 1.42 0.00	26.38 1.28 0.00	27.84 1.31 0.00	27.94 1.37 0.00	27.12 1.41 0.00	27.96 1.56 0.00	23.62 1.50 0.00	20.17 1.37 0.00	22.13 1.63 -0.29	26.20 1.68 -3.33	27.76 2.01 0.00	27.82 2.00 0.00	29.55 2.22 0.00	33.52 2.50 0.00	32.60 2.34 0.00	42.04 2.79 -0.01	49.71 2.41 0.00	50.86 1.53 0.00	47.00 1.63 0.00	50.35 2.37 0.00	49.70 2.13 0.00	38.01 1.92 0.00
KEDC_GLWD_GT4 24219	30.50 1.44 0.00	28.20 1.25 0.00	25.96 1.09 0.00	26.09 0.98 0.00	27.52 0.99 0.00	27.62 1.04 0.00	26.81 1.10 0.00	27.62 1.22 0.00	23.35 1.24 0.00	19.97 1.17 0.00	21.90 1.40 -0.29	25.96 1.45 -3.33	27.48 1.73 0.00	27.55 1.73 0.00	29.20 1.86 0.00	33.20 2.18 0.00	32.42 2.16 0.00	41.74 2.49 -0.01	49.46 2.17 0.00	50.98 1.65 0.00	47.22 1.84 0.00	50.28 2.30 0.00	49.77 2.20 0.00	37.81 1.73 0.00

KEDC_GLWD_GT5 24220	30.50 1.44 0.00	28.20 1.25 0.00	25.96 1.09 0.00	26.09 0.98 0.00	27.52 0.99 0.00	27.62 1.04 0.00	26.81 1.10 0.00	27.62 1.22 0.00	23.35 1.24 0.00	19.97 1.17 0.00	21.90 1.40 -0.29	25.96 1.45 -3.33	27.48 1.73 0.00	27.55 1.73 0.00	29.20 1.86 0.00	33.20 2.18 0.00	32.42 2.16 0.00	41.74 2.49 -0.01	49.46 2.17 0.00	50.98 1.65 0.00	47.22 1.84 0.00	50.28 2.30 0.00	49.77 2.20 0.00	37.81 1.73 0.00
KENSICO____ 23655	30.10 1.03 0.00	27.86 0.91 0.00	25.67 0.81 0.00	25.81 0.71 0.00	27.24 0.71 0.00	27.33 0.75 0.00	26.53 0.82 0.00	27.36 0.95 0.00	23.11 0.99 0.00	19.75 0.95 0.00	21.61 1.10 -0.30	25.80 1.13 -3.48	27.09 1.34 0.00	27.14 1.31 0.00	28.74 1.41 0.00	32.69 1.68 0.00	31.97 1.71 0.00	41.15 1.91 0.00	49.26 1.97 0.00	50.86 1.53 0.00	46.77 1.40 0.00	49.70 1.72 0.00	49.32 1.75 0.00	37.41 1.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.10 1.03 0.00	27.85 0.90 0.00	25.65 0.78 0.00	25.81 0.70 0.00	27.25 0.72 0.00	27.35 0.77 0.00	26.53 0.82 0.00	27.36 0.96 0.00	23.06 0.94 0.00	19.66 0.86 0.00	21.09 0.94 0.06	21.47 0.95 0.67	26.87 1.12 0.00	26.95 1.12 0.00	28.54 1.21 0.00	32.50 1.49 0.00	31.89 1.63 0.00	41.30 2.07 0.00	49.58 2.28 0.00	51.35 2.02 0.00	47.19 1.81 0.00	49.97 1.99 0.00	49.46 1.89 0.00	37.42 1.33 0.00
KIAC_JFK_GT1 23816	30.12 1.06 0.00	27.90 0.96 0.00	25.75 0.88 0.00	25.87 0.76 0.00	27.27 0.74 0.00	27.34 0.76 0.00	26.56 0.85 0.00	27.41 1.01 0.00	23.26 1.15 0.00	19.89 1.10 0.00	21.65 1.16 -0.29	25.79 1.26 -3.34	27.27 1.52 0.00	27.25 1.42 0.00	28.77 1.43 0.00	32.69 1.68 0.00	31.90 1.64 0.00	41.00 1.76 0.00	49.06 1.76 0.00	50.36 1.03 0.00	46.30 0.93 0.01	49.45 1.48 0.02	49.39 1.82 0.00	37.55 1.46 0.00
KIAC_JFK_GT2 23817	30.12 1.06 0.00	27.90 0.96 0.00	25.75 0.88 0.00	25.87 0.76 0.00	27.27 0.74 0.00	27.34 0.76 0.00	26.56 0.85 0.00	27.41 1.01 0.00	23.26 1.15 0.00	19.89 1.10 0.00	21.65 1.16 -0.29	25.79 1.26 -3.34	27.27 1.52 0.00	27.25 1.42 0.00	28.77 1.43 0.00	32.69 1.68 0.00	31.90 1.64 0.00	41.00 1.76 0.00	49.06 1.76 0.00	50.36 1.03 0.00	46.30 0.93 0.01	49.45 1.48 0.02	49.39 1.82 0.00	37.55 1.46 0.00
KIAC_JFK____ 323774	30.12 1.06 0.00	27.90 0.95 0.00	25.75 0.88 0.00	25.87 0.76 0.00	27.27 0.74 0.00	27.34 0.76 0.00	26.57 0.86 0.00	27.41 1.01 0.00	23.26 1.15 0.00	19.89 1.10 0.00	21.65 1.16 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.25 1.43 0.00	28.77 1.43 0.00	32.69 1.68 0.00	31.90 1.64 0.00	41.00 1.76 0.00	49.05 1.76 0.00	50.39 1.06 0.00	46.30 0.93 0.01	49.46 1.49 0.02	49.39 1.82 0.00	37.55 1.46 0.00
KINTIGH__24_KV_GSU 356498	27.29 -1.77 0.00	25.30 -1.66 0.00	23.36 -1.51 0.00	23.67 -1.44 0.00	24.93 -1.59 0.00	24.97 -1.61 0.00	24.12 -1.59 0.00	25.07 -1.33 0.00	21.16 -0.96 0.00	17.99 -0.81 0.00	19.43 -0.78 0.00	20.36 -0.82 0.00	24.70 -1.05 0.00	24.73 -1.09 0.00	26.30 -1.04 0.00	29.75 -1.27 0.00	28.70 -1.56 0.00	37.16 -2.08 0.00	44.97 -2.33 0.00	47.74 -1.59 0.00	43.30 -1.44 0.63	46.20 -1.78 0.00	46.13 -1.44 0.00	34.88 -1.21 0.00
KINTIGH____ 23543	27.27 -1.79 0.00	25.29 -1.67 0.00	23.33 -1.54 0.00	23.65 -1.46 0.00	24.92 -1.61 0.00	24.95 -1.63 0.00	24.12 -1.59 0.00	25.06 -1.35 0.00	21.14 -0.98 0.00	17.98 -0.82 0.00	19.41 -0.79 0.00	20.35 -0.83 0.00	24.68 -1.07 0.00	24.72 -1.10 0.00	26.28 -1.06 0.00	29.74 -1.27 0.00	28.68 -1.58 0.00	37.13 -2.11 0.00	44.93 -2.36 0.00	47.71 -1.62 0.00	43.90 -1.48 0.00	46.18 -1.80 0.00	46.11 -1.46 0.00	34.86 -1.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.57 0.51 0.00	27.38 0.42 0.00	25.31 0.44 0.00	25.53 0.42 0.00	27.01 0.48 0.00	27.04 0.46 0.00	26.15 0.43 0.00	26.84 0.44 0.00	22.44 0.33 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.14 0.32 0.00	27.69 0.35 0.00	31.42 0.40 0.00	30.76 0.49 0.00	40.00 0.77 0.00	48.26 0.96 0.00	50.39 1.07 0.00	46.17 0.79 0.00	48.72 0.74 0.00	48.23 0.66 0.00	36.62 0.53 0.00
LACHUTE__HYDRO 323717	31.69 2.63 0.00	29.34 2.39 0.00	27.12 2.25 0.00	27.22 2.11 0.00	28.62 2.09 0.00	28.85 2.27 0.00	28.13 2.42 0.00	28.77 2.37 0.00	23.59 1.47 0.00	19.61 0.81 0.00	20.60 0.40 0.00	21.44 0.25 0.00	26.27 0.52 0.00	26.43 0.61 0.00	27.88 0.54 0.00	31.91 0.90 0.00	31.78 1.51 0.00	42.12 2.89 0.00	52.10 4.81 0.00	54.19 4.86 0.00	50.33 4.96 0.00	52.54 4.56 0.00	52.07 4.50 0.00	39.47 3.38 0.00
LAWRNCV_115KV_TB1 80681	29.51 0.44 0.00	27.31 0.36 0.00	25.15 0.28 0.00	25.48 0.38 0.00	26.87 0.34 0.00	26.88 0.31 0.00	26.02 0.31 0.00	26.68 0.28 0.00	22.35 0.24 0.00	18.95 0.15 0.00	20.41 0.21 0.00	21.38 0.20 0.00	25.98 0.23 0.00	26.07 0.24 0.00	27.62 0.28 0.00	31.22 0.21 0.00	30.40 0.14 0.00	39.63 0.40 0.00	47.85 0.55 0.00	50.15 0.82 0.00	45.87 0.50 0.00	48.48 0.50 0.00	47.98 0.41 0.00	36.37 0.28 0.00
LEDERLE____ 23769	30.09 1.02 0.00	27.85 0.90 0.00	25.65 0.78 0.00	25.82 0.71 0.00	27.25 0.72 0.00	27.34 0.77 0.00	26.54 0.83 0.00	27.38 0.98 0.00	23.13 1.01 0.00	19.76 0.96 0.00	20.89 1.11 0.41	17.58 1.13 4.74	27.10 1.35 0.00	27.15 1.33 0.00	28.79 1.45 0.00	32.75 1.74 0.00	32.04 1.78 0.00	41.30 2.07 0.00	49.54 2.24 0.00	51.15 1.82 0.00	46.96 1.58 0.00	49.82 1.84 0.00	49.41 1.84 0.00	37.43 1.34 0.00
LIGHTHSE_115KV_TB6 355974	28.86 -0.20 0.00	26.71 -0.24 0.00	24.63 -0.24 0.00	24.93 -0.18 0.00	26.31 -0.21 0.00	26.31 -0.26 0.00	25.40 -0.32 0.00	26.02 -0.38 0.00	21.71 -0.41 0.00	18.36 -0.43 0.00	19.72 -0.49 0.00	20.67 -0.52 0.00	25.17 -0.59 0.00	25.32 -0.51 0.00	26.77 -0.57 0.00	30.27 -0.75 0.00	29.58 -0.68 0.00	38.85 -0.39 0.00	47.15 -0.14 0.00	49.28 -0.04 0.00	45.31 -0.07 0.00	48.00 0.02 0.00	47.28 -0.29 0.00	35.80 -0.29 0.00
LINDEN COGEN____ 23786	30.04 0.97 0.00	27.84 0.89 0.00	25.65 0.78 0.00	25.79 0.69 0.00	27.20 0.67 0.00	27.30 0.72 0.00	26.52 0.80 0.00	27.33 0.93 0.00	23.12 1.01 0.00	19.77 0.97 0.00	21.63 1.13 -0.29	25.70 1.17 -3.34	27.14 1.39 0.00	27.17 1.35 0.00	28.77 1.43 0.00	32.71 1.69 0.00	31.98 1.72 0.00	41.12 1.88 0.00	49.26 1.96 0.00	50.79 1.46 0.00	46.70 1.32 0.00	49.70 1.71 0.00	49.34 1.77 0.00	37.41 1.32 0.00
LINDHRST_69_KV_BK1 356055	31.00 1.94 0.00	28.61 1.66 0.00	26.31 1.44 0.00	26.40 1.30 0.00	27.86 1.34 0.00	27.97 1.39 0.00	27.14 1.43 0.00	27.97 1.57 0.00	23.64 1.52 0.00	20.18 1.38 0.00	22.13 1.64 -0.29	26.19 1.68 -3.33	27.75 2.00 0.00	27.85 2.03 0.00	29.56 2.22 0.00	33.59 2.57 0.00	32.73 2.47 0.00	42.23 2.99 -0.01	50.14 2.85 0.00	51.41 2.08 0.00	47.51 2.14 0.00	50.77 2.79 0.00	50.20 2.63 0.00	38.27 2.18 0.00

LIPA_MISC_IPP 23656	31.07 2.01 0.00	28.62 1.66 0.00	26.32 1.45 0.00	26.43 1.32 0.00	27.89 1.36 0.00	27.99 1.41 0.00	27.16 1.44 0.00	28.00 1.60 0.00	23.64 1.52 0.00	20.19 1.39 0.00	22.17 1.67 -0.29	26.23 1.72 -3.33	27.80 2.05 0.00	27.81 1.99 0.00	29.53 2.19 0.00	33.41 2.39 0.00	32.43 2.17 0.00	41.92 2.68 -0.01	49.57 2.27 0.00	50.66 1.34 0.00	46.80 1.43 0.00	50.09 2.11 0.00	49.41 1.84 0.00	37.87 1.79 0.00
LISF___SOLAR 323691	31.12 2.05 0.00	28.67 1.72 0.00	26.36 1.50 0.00	26.46 1.36 0.00	27.93 1.41 0.00	28.03 1.45 0.00	27.21 1.50 0.00	28.04 1.64 0.00	23.66 1.55 0.00	20.21 1.41 0.00	22.18 1.68 -0.29	26.25 1.74 -3.33	27.83 2.08 0.00	27.83 2.01 0.00	29.55 2.21 0.00	33.44 2.43 0.00	32.47 2.21 0.00	42.00 2.75 -0.01	49.66 2.37 0.00	50.77 1.45 0.00	46.91 1.54 0.00	50.22 2.24 0.00	49.50 1.93 0.00	37.95 1.86 0.00
LITTLE FALLS___HYD 24013	29.57 0.51 0.00	27.31 0.36 0.00	25.20 0.33 0.00	25.36 0.26 0.00	26.78 0.26 0.00	26.87 0.29 0.00	26.14 0.43 0.00	26.69 0.29 0.00	21.88 -0.23 0.00	18.39 -0.41 0.00	19.60 -0.60 0.00	20.63 -0.55 0.00	25.23 -0.52 0.00	25.27 -0.55 0.00	26.66 -0.68 0.00	30.36 -0.65 0.00	29.67 -0.59 0.00	38.96 -0.27 0.00	47.65 0.35 0.00	49.84 0.52 0.00	46.05 0.67 0.00	49.09 1.11 0.00	48.56 0.99 0.00	36.80 0.72 0.00
LITTLRIV_115KV_TB1 356100	29.90 0.84 0.00	27.67 0.72 0.00	25.49 0.63 0.00	25.83 0.73 0.00	27.23 0.71 0.00	27.27 0.69 0.00	26.40 0.69 0.00	27.02 0.62 0.00	22.61 0.49 0.00	19.04 0.24 0.00	20.55 0.35 0.00	21.53 0.35 0.00	26.16 0.41 0.00	26.21 0.39 0.00	27.82 0.48 0.00	31.45 0.44 0.00	30.56 0.30 0.00	39.95 0.72 0.00	48.41 1.12 0.00	50.95 1.62 0.00	46.52 1.14 0.00	49.19 1.20 0.00	48.64 1.07 0.00	36.84 0.75 0.00
LI_NEWBRDGE___DRP 323616	30.45 1.39 0.00	28.12 1.17 0.00	25.89 1.02 0.00	26.00 0.90 0.00	27.44 0.91 0.00	27.54 0.96 0.00	26.72 1.01 0.00	27.54 1.14 0.00	23.28 1.17 0.00	19.89 1.09 0.00	21.80 1.30 -0.29	25.84 1.33 -3.33	27.33 1.58 0.00	27.40 1.58 0.00	29.06 1.72 0.00	32.99 1.97 0.00	32.16 1.90 0.00	41.42 2.18 -0.01	49.24 1.95 0.00	50.59 1.26 0.00	46.70 1.32 0.00	49.86 1.88 0.00	49.35 1.78 0.00	37.61 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.02 -2.04 0.00	25.03 -1.92 0.00	23.10 -1.77 0.00	23.43 -1.67 0.00	24.67 -1.85 0.00	24.71 -1.87 0.00	23.91 -1.80 0.00	24.93 -1.47 0.00	21.01 -1.10 0.00	17.85 -0.95 0.00	19.28 -0.92 0.00	20.21 -0.98 0.00	24.46 -1.29 0.00	24.51 -1.31 0.00	26.09 -1.25 0.00	29.50 -1.51 0.00	28.36 -1.91 0.00	36.72 -2.51 0.00	44.57 -2.72 0.00	47.60 -1.73 0.00	43.81 -1.57 0.00	46.03 -1.96 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
LOCKPORT___CC1 323769	27.02 -2.04 0.00	25.04 -1.92 0.00	23.11 -1.76 0.00	23.44 -1.66 0.00	24.69 -1.84 0.00	24.72 -1.85 0.00	23.89 -1.82 0.00	24.93 -1.47 0.00	21.04 -1.08 0.00	17.87 -0.93 0.00	19.30 -0.90 0.00	20.22 -0.96 0.00	24.48 -1.26 0.00	24.53 -1.29 0.00	26.11 -1.22 0.00	29.53 -1.48 0.00	28.37 -1.89 0.00	36.74 -2.50 0.00	44.57 -2.72 0.00	47.59 -1.74 0.00	43.11 -1.59 0.68	46.01 -1.97 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
LOCKPORT___CC2 323770	27.02 -2.04 0.00	25.04 -1.92 0.00	23.11 -1.76 0.00	23.44 -1.66 0.00	24.69 -1.84 0.00	24.72 -1.85 0.00	23.89 -1.82 0.00	24.93 -1.47 0.00	21.04 -1.08 0.00	17.87 -0.93 0.00	19.30 -0.90 0.00	20.22 -0.96 0.00	24.48 -1.26 0.00	24.53 -1.29 0.00	26.11 -1.22 0.00	29.53 -1.48 0.00	28.37 -1.89 0.00	36.74 -2.50 0.00	44.57 -2.72 0.00	47.59 -1.74 0.00	43.11 -1.59 0.68	46.01 -1.97 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
LOCKPORT___CC3 323771	27.02 -2.04 0.00	25.04 -1.92 0.00	23.11 -1.76 0.00	23.44 -1.66 0.00	24.69 -1.84 0.00	24.72 -1.85 0.00	23.89 -1.82 0.00	24.93 -1.47 0.00	21.04 -1.08 0.00	17.87 -0.93 0.00	19.30 -0.90 0.00	20.22 -0.96 0.00	24.48 -1.26 0.00	24.53 -1.29 0.00	26.11 -1.22 0.00	29.53 -1.48 0.00	28.37 -1.89 0.00	36.74 -2.50 0.00	44.57 -2.72 0.00	47.59 -1.74 0.00	43.11 -1.59 0.68	46.01 -1.97 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
LOCUSVLY_69_KV_BK2 55797	30.65 1.59 0.00	28.32 1.37 0.00	26.06 1.20 0.00	26.17 1.07 0.00	27.62 1.09 0.00	27.71 1.14 0.00	26.89 1.18 0.00	27.72 1.32 0.00	23.45 1.33 0.00	20.04 1.24 0.00	21.99 1.49 -0.29	26.06 1.54 -3.33	27.60 1.85 0.00	27.68 1.86 0.00	29.36 2.02 0.00	33.36 2.34 0.00	32.56 2.30 0.00	41.93 2.68 -0.01	49.82 2.53 0.00	51.23 1.90 0.00	47.38 2.00 0.00	50.50 2.52 0.00	49.95 2.38 0.00	37.97 1.88 0.00
LONG_LAKE_PHOENIX 24014	28.36 -0.70 0.00	26.33 -0.62 0.00	24.29 -0.58 0.00	24.53 -0.57 0.00	25.91 -0.62 0.00	25.94 -0.64 0.00	25.03 -0.68 0.00	25.65 -0.75 0.00	21.41 -0.70 0.00	18.16 -0.64 0.00	19.52 -0.69 0.00	20.48 -0.70 0.00	24.94 -0.81 0.00	25.02 -0.80 0.00	26.52 -0.82 0.00	30.09 -0.92 0.00	29.35 -0.91 0.00	38.15 -1.08 0.00	46.16 -1.14 0.00	48.26 -1.07 0.00	44.38 -1.00 0.00	46.84 -1.14 0.00	46.38 -1.20 0.00	35.16 -0.92 0.00
LOVETT___3 23632	29.94 0.87 0.00	27.72 0.77 0.00	25.53 0.67 0.00	25.69 0.59 0.00	27.12 0.59 0.00	27.21 0.63 0.00	26.41 0.70 0.00	27.23 0.83 0.00	22.99 0.88 0.00	19.65 0.85 0.00	20.74 0.98 0.44	17.14 1.00 5.05	26.93 1.18 0.00	26.98 1.16 0.00	28.60 1.26 0.00	32.51 1.50 0.00	31.79 1.53 0.00	40.95 1.71 0.00	49.09 1.80 0.00	50.70 1.37 0.00	46.58 1.21 0.00	49.47 1.48 0.00	49.08 1.51 0.00	37.21 1.12 0.00
LOVETT___4 23642	29.94 0.87 0.00	27.72 0.77 0.00	25.53 0.67 0.00	25.69 0.59 0.00	27.12 0.59 0.00	27.21 0.63 0.00	26.41 0.70 0.00	27.23 0.83 0.00	22.99 0.88 0.00	19.65 0.85 0.00	20.74 0.98 0.44	17.14 1.00 5.05	26.93 1.18 0.00	26.98 1.16 0.00	28.60 1.26 0.00	32.51 1.50 0.00	31.79 1.53 0.00	40.95 1.71 0.00	49.09 1.80 0.00	50.70 1.37 0.00	46.58 1.21 0.00	49.47 1.48 0.00	49.08 1.51 0.00	37.21 1.12 0.00
LOVETT___5 23593	29.94 0.87 0.00	27.72 0.77 0.00	25.53 0.67 0.00	25.69 0.59 0.00	27.12 0.59 0.00	27.21 0.63 0.00	26.41 0.70 0.00	27.23 0.83 0.00	22.99 0.88 0.00	19.65 0.85 0.00	20.74 0.98 0.44	17.14 1.00 5.05	26.93 1.18 0.00	26.98 1.16 0.00	28.60 1.26 0.00	32.51 1.50 0.00	31.79 1.53 0.00	40.95 1.71 0.00	49.09 1.80 0.00	50.70 1.37 0.00	46.58 1.21 0.00	49.47 1.48 0.00	49.08 1.51 0.00	37.21 1.12 0.00
LOWER RAQUET___HYD 24057	29.52 0.46 0.00	27.32 0.37 0.00	25.16 0.29 0.00	25.49 0.39 0.00	26.86 0.34 0.00	26.88 0.30 0.00	26.02 0.31 0.00	26.67 0.27 0.00	22.34 0.23 0.00	18.93 0.12 0.00	20.40 0.19 0.00	21.36 0.18 0.00	25.95 0.20 0.00	26.04 0.21 0.00	27.60 0.26 0.00	31.17 0.15 0.00	30.35 0.09 0.00	39.59 0.36 0.00	47.84 0.55 0.00	50.15 0.83 0.00	45.87 0.49 0.00	48.50 0.51 0.00	47.96 0.39 0.00	36.35 0.27 0.00

LOWER__HUDSON 24059	29.82 0.76 0.00	27.63 0.68 0.00	25.51 0.64 0.00	25.68 0.58 0.00	27.14 0.61 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.13 0.73 0.00	22.64 0.52 0.00	19.19 0.39 0.00	20.55 0.31 -0.04	21.93 0.33 -0.41	26.17 0.42 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.56 0.54 0.00	30.79 0.53 0.00	39.92 0.68 0.00	48.26 0.96 0.00	50.27 0.94 0.00	46.45 1.07 0.00	49.20 1.22 0.00	48.83 1.26 0.00	37.05 0.97 0.00
LOWVILLE_115KV_TB2 356335	29.85 0.79 0.00	27.49 0.54 0.00	25.33 0.47 0.00	25.72 0.62 0.00	27.14 0.61 0.00	27.07 0.49 0.00	26.13 0.42 0.00	26.79 0.39 0.00	22.33 0.21 0.00	18.86 0.06 0.00	20.20 0.00 0.00	21.13 -0.06 0.00	25.69 -0.06 0.00	25.89 0.07 0.00	27.44 0.10 0.00	31.03 0.02 0.00	30.35 0.09 0.00	40.04 0.80 0.00	48.81 1.51 0.00	51.02 1.70 0.00	46.81 1.43 0.00	49.72 1.74 0.00	48.75 1.18 0.00	36.86 0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.12 1.06 0.00	27.90 0.95 0.00	25.75 0.89 0.00	25.94 0.84 0.00	27.42 0.90 0.00	27.54 0.97 0.00	26.71 1.00 0.00	27.40 1.00 0.00	22.79 0.67 0.00	19.25 0.45 0.00	20.54 0.34 0.00	21.52 0.34 0.00	26.22 0.47 0.00	26.32 0.50 0.00	27.81 0.47 0.00	31.67 0.66 0.00	31.01 0.75 0.00	40.42 1.19 0.00	49.07 1.78 0.00	51.15 1.82 0.00	47.25 1.87 0.00	49.91 1.93 0.00	49.46 1.89 0.00	37.47 1.39 0.00
LUTHERNY_35_KV_BK2 355980	30.12 1.06 0.00	27.89 0.94 0.00	25.75 0.88 0.00	25.94 0.84 0.00	27.43 0.90 0.00	27.57 0.99 0.00	26.72 1.01 0.00	27.40 1.00 0.00	22.79 0.68 0.00	19.25 0.45 0.00	20.56 0.35 0.00	21.53 0.34 0.00	26.24 0.49 0.00	26.35 0.53 0.00	27.80 0.46 0.00	31.71 0.69 0.00	31.04 0.78 0.00	40.50 1.27 0.00	49.15 1.85 0.00	51.21 1.88 0.00	47.34 1.97 0.00	49.98 2.00 0.00	49.55 1.98 0.00	37.49 1.41 0.00
LWR__OSWEGATCHIE_HYD 23850	29.67 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.05 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.51 0.00
LYONS_FALL_HYD 23570	29.72 0.66 0.00	27.44 0.49 0.00	25.29 0.42 0.00	25.62 0.52 0.00	27.04 0.51 0.00	27.02 0.44 0.00	26.11 0.40 0.00	26.78 0.38 0.00	22.33 0.21 0.00	18.88 0.08 0.00	20.24 0.03 0.00	21.19 0.00 0.00	25.78 0.03 0.00	25.95 0.13 0.00	27.47 0.13 0.00	31.13 0.12 0.00	30.49 0.23 0.00	40.02 0.78 0.00	48.63 1.33 0.00	50.83 1.50 0.00	46.68 1.30 0.00	49.44 1.46 0.00	48.65 1.08 0.00	36.81 0.72 0.00
MADISON__COUNTY_LFGE 323628	29.54 0.48 0.00	27.39 0.44 0.00	25.26 0.39 0.00	25.50 0.40 0.00	26.91 0.39 0.00	26.97 0.40 0.00	26.07 0.36 0.00	26.74 0.34 0.00	22.25 0.13 0.00	18.82 0.02 0.00	20.20 -0.01 0.00	21.19 0.00 0.00	25.80 0.05 0.00	25.96 0.14 0.00	27.44 0.10 0.00	31.20 0.19 0.00	30.64 0.38 0.00	39.94 0.70 0.00	48.44 1.15 0.00	50.69 1.37 0.00	46.60 1.22 0.00	49.16 1.18 0.00	48.58 1.01 0.00	36.77 0.68 0.00
MALONE__115KV_TB1 356076	29.51 0.45 0.00	27.33 0.38 0.00	25.24 0.37 0.00	25.48 0.38 0.00	26.94 0.42 0.00	26.96 0.38 0.00	26.08 0.37 0.00	26.81 0.41 0.00	22.46 0.35 0.00	19.10 0.30 0.00	20.55 0.35 0.00	21.53 0.34 0.00	26.12 0.37 0.00	26.14 0.32 0.00	27.71 0.37 0.00	31.45 0.44 0.00	30.67 0.41 0.00	40.03 0.80 0.00	48.22 0.92 0.00	50.32 1.00 0.00	46.13 0.76 0.00	48.71 0.73 0.00	48.19 0.63 0.00	36.57 0.49 0.00
MAPLEWOD_115KV_TB3 80458	29.65 0.59 0.00	27.48 0.53 0.00	25.36 0.49 0.00	25.55 0.45 0.00	27.00 0.48 0.00	27.10 0.52 0.00	26.29 0.58 0.00	26.97 0.57 0.00	22.54 0.43 0.00	19.13 0.33 0.00	20.54 0.30 -0.04	21.92 0.32 -0.42	26.16 0.41 0.00	26.28 0.45 0.00	27.75 0.41 0.00	31.56 0.55 0.00	30.78 0.52 0.00	39.86 0.63 0.00	48.11 0.81 0.00	50.05 0.73 0.00	46.21 0.83 0.00	48.91 0.93 0.00	48.51 0.94 0.00	36.87 0.78 0.00
MAPLE_RIDGE_WT_1 323574	29.00 -0.06 0.00	26.85 -0.10 0.00	24.72 -0.14 0.00	25.03 -0.07 0.00	26.46 -0.07 0.00	26.46 -0.12 0.00	25.57 -0.14 0.00	26.24 -0.16 0.00	22.03 -0.08 0.00	18.78 -0.03 0.00	20.17 -0.03 0.00	21.14 -0.04 0.00	25.68 -0.07 0.00	25.77 -0.05 0.00	27.31 -0.03 0.00	30.96 -0.06 0.00	30.15 -0.11 0.00	39.08 -0.15 0.00	47.18 -0.11 0.00	49.17 -0.16 0.00	45.21 -0.17 0.00	47.89 -0.09 0.00	47.39 -0.18 0.00	35.97 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	29.00 -0.06 0.00	26.85 -0.10 0.00	24.72 -0.14 0.00	25.03 -0.07 0.00	26.46 -0.07 0.00	26.46 -0.12 0.00	25.57 -0.14 0.00	26.24 -0.16 0.00	22.03 -0.08 0.00	18.78 -0.03 0.00	20.17 -0.03 0.00	21.14 -0.04 0.00	25.68 -0.07 0.00	25.77 -0.05 0.00	27.31 -0.03 0.00	30.96 -0.06 0.00	30.15 -0.11 0.00	39.08 -0.15 0.00	47.18 -0.11 0.00	49.17 -0.16 0.00	45.21 -0.17 0.00	47.89 -0.09 0.00	47.39 -0.18 0.00	35.97 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	29.20 0.14 0.00	27.07 0.12 0.00	25.02 0.16 0.00	25.25 0.14 0.00	26.70 0.17 0.00	26.71 0.13 0.00	25.83 0.12 0.00	26.53 0.12 0.00	22.23 0.12 0.00	18.93 0.13 0.00	20.37 0.16 0.00	21.34 0.15 0.00	25.89 0.14 0.00	25.92 0.10 0.00	27.43 0.09 0.00	31.13 0.12 0.00	30.40 0.14 0.00	39.53 0.30 0.00	47.60 0.30 0.00	49.67 0.35 0.00	45.50 0.12 0.00	48.08 0.09 0.00	47.66 0.08 0.00	36.17 0.08 0.00
MARSHVLE_115KV_TB1 80742	30.21 1.15 0.00	27.97 1.02 0.00	25.76 0.89 0.00	26.07 0.96 0.00	27.57 1.05 0.00	27.58 1.01 0.00	26.64 0.93 0.00	27.21 0.81 0.00	22.40 0.28 0.00	18.96 0.16 0.00	20.41 0.21 0.00	21.34 0.15 0.00	25.90 0.15 0.00	26.03 0.21 0.00	27.67 0.33 0.00	31.33 0.32 0.00	30.45 0.19 0.00	40.10 0.86 0.00	49.14 1.85 0.00	51.85 2.52 0.00	47.74 2.36 0.00	50.27 2.29 0.00	49.83 2.25 0.00	37.62 1.53 0.00
MARSH_HILL_WT_PWR 323713	28.29 -0.78 0.00	26.20 -0.75 0.00	24.03 -0.84 0.00	24.54 -0.57 0.00	26.01 -0.52 0.00	26.08 -0.49 0.00	25.21 -0.50 0.00	26.07 -0.33 0.00	21.68 -0.44 0.00	18.30 -0.50 0.00	19.61 -0.59 0.00	20.56 -0.62 0.00	24.93 -0.82 0.00	24.94 -0.88 0.00	26.50 -0.83 0.00	30.05 -0.96 0.00	29.39 -0.87 0.00	38.50 -0.73 0.00	47.07 -0.22 0.00	49.99 0.66 0.00	45.87 0.49 0.00	48.21 0.23 0.00	47.74 0.17 0.00	36.13 0.05 0.00
MCINTYRE_115KV_TB2 80467	30.15 1.08 0.00	27.89 0.94 0.00	25.72 0.85 0.00	26.03 0.93 0.00	27.47 0.94 0.00	27.51 0.93 0.00	26.65 0.94 0.00	27.25 0.84 0.00	22.69 0.57 0.00	19.12 0.33 0.00	20.60 0.39 0.00	21.57 0.39 0.00	26.22 0.47 0.00	26.32 0.50 0.00	27.87 0.53 0.00	31.53 0.52 0.00	30.72 0.46 0.00	40.22 0.98 0.00	48.83 1.53 0.00	51.45 2.12 0.00	46.97 1.59 0.00	49.54 1.56 0.00	49.01 1.44 0.00	37.12 1.03 0.00

MECO____69_KV_BK1 80468	30.51 1.45 0.00	28.23 1.28 0.00	26.00 1.13 0.00	26.28 1.17 0.00	27.78 1.25 0.00	27.83 1.25 0.00	26.92 1.21 0.00	27.50 1.10 0.00	22.53 0.41 0.00	18.90 0.10 0.00	20.25 0.05 0.00	21.20 0.01 0.00	25.91 0.16 0.00	26.01 0.19 0.00	27.53 0.19 0.00	31.15 0.14 0.00	30.45 0.19 0.00	40.45 1.22 0.00	49.64 2.35 0.00	52.40 3.08 0.00	48.32 2.94 0.00	50.84 2.86 0.00	50.31 2.74 0.00	37.98 1.90 0.00
MENANDS__115KV_TB5 355628	29.49 0.44 0.00	27.34 0.40 0.00	25.24 0.37 0.00	25.42 0.32 0.00	26.87 0.34 0.00	26.98 0.40 0.00	26.17 0.46 0.00	26.85 0.45 0.00	22.46 0.34 0.00	19.07 0.27 0.00	20.48 0.24 -0.04	21.86 0.25 -0.43	26.08 0.33 0.00	26.17 0.35 0.00	27.65 0.31 0.00	31.43 0.41 0.00	30.64 0.38 0.00	39.63 0.39 0.00	47.75 0.46 0.00	49.67 0.34 0.00	45.86 0.48 0.00	48.56 0.58 0.00	48.18 0.61 0.00	36.66 0.57 0.00
MG INDUSTRY__DRP 24185	29.55 0.49 0.00	27.41 0.46 0.00	25.30 0.44 0.00	25.52 0.42 0.00	26.98 0.46 0.00	27.08 0.50 0.00	26.25 0.53 0.00	26.90 0.50 0.00	22.44 0.32 0.00	19.02 0.22 0.00	20.40 0.20 0.00	21.40 0.21 0.00	26.00 0.25 0.00	26.12 0.30 0.00	27.59 0.25 0.00	31.31 0.29 0.00	30.52 0.26 0.00	39.61 0.38 0.00	47.81 0.52 0.00	49.79 0.46 0.00	45.95 0.57 0.00	48.65 0.66 0.00	48.28 0.71 0.00	36.71 0.63 0.00
MID____OSWEGATCHIE_HYD 23849	29.67 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.05 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.51 0.00
MID____RAQUETTE_HYD 23851	29.52 0.46 0.00	27.32 0.37 0.00	25.16 0.29 0.00	25.49 0.39 0.00	26.86 0.34 0.00	26.88 0.30 0.00	26.02 0.31 0.00	26.67 0.27 0.00	22.34 0.23 0.00	18.93 0.12 0.00	20.40 0.19 0.00	21.36 0.18 0.00	25.95 0.20 0.00	26.04 0.21 0.00	27.60 0.26 0.00	31.17 0.15 0.00	30.35 0.09 0.00	39.59 0.36 0.00	47.84 0.55 0.00	50.16 0.83 0.00	45.87 0.49 0.00	48.50 0.51 0.00	47.96 0.39 0.00	36.35 0.27 0.00
MILLIKEN__1 23584	29.13 0.07 0.00	27.00 0.05 0.00	24.90 0.03 0.00	25.13 0.02 0.00	26.52 0.00 0.00	26.63 0.05 0.00	25.72 0.01 0.00	26.41 0.00 0.00	22.02 -0.10 0.00	18.62 -0.18 0.00	19.90 -0.31 0.00	20.88 -0.30 0.00	25.43 -0.32 0.00	25.50 -0.32 0.00	27.06 -0.28 0.00	30.71 -0.30 0.00	30.13 -0.13 0.00	39.33 0.10 0.00	47.80 0.50 0.00	50.16 0.83 0.00	46.04 0.66 0.00	48.57 0.58 0.00	47.95 0.38 0.00	36.29 0.21 0.00
MILLIKEN__2 23585	29.13 0.07 0.00	27.00 0.05 0.00	24.90 0.03 0.00	25.13 0.02 0.00	26.52 0.00 0.00	26.63 0.05 0.00	25.72 0.01 0.00	26.41 0.00 0.00	22.02 -0.10 0.00	18.62 -0.18 0.00	19.90 -0.31 0.00	20.88 -0.30 0.00	25.43 -0.32 0.00	25.50 -0.32 0.00	27.06 -0.28 0.00	30.71 -0.30 0.00	30.13 -0.13 0.00	39.33 0.10 0.00	47.80 0.50 0.00	50.16 0.83 0.00	46.04 0.66 0.00	48.57 0.58 0.00	47.95 0.38 0.00	36.29 0.21 0.00
MILLIKEN__DIESEL 23629	29.13 0.07 0.00	27.00 0.05 0.00	24.90 0.03 0.00	25.13 0.02 0.00	26.52 0.00 0.00	26.63 0.05 0.00	25.72 0.01 0.00	26.41 0.00 0.00	22.02 -0.10 0.00	18.62 -0.18 0.00	19.90 -0.31 0.00	20.88 -0.30 0.00	25.43 -0.32 0.00	25.50 -0.32 0.00	27.06 -0.28 0.00	30.71 -0.30 0.00	30.13 -0.13 0.00	39.33 0.10 0.00	47.80 0.50 0.00	50.16 0.83 0.00	46.04 0.66 0.00	48.57 0.58 0.00	47.95 0.38 0.00	36.29 0.21 0.00
MILLSEAT____LFGE 323607	27.51 -1.55 0.00	25.48 -1.47 0.00	23.51 -1.36 0.00	23.83 -1.27 0.00	25.10 -1.42 0.00	25.14 -1.43 0.00	24.30 -1.41 0.00	25.32 -1.08 0.00	21.26 -0.86 0.00	17.97 -0.83 0.00	19.38 -0.82 0.00	20.31 -0.88 0.00	24.62 -1.13 0.00	24.67 -1.15 0.00	26.29 -1.05 0.00	29.78 -1.24 0.00	28.68 -1.59 0.00	37.31 -1.93 0.00	45.48 -1.81 0.00	48.66 -0.66 0.00	44.17 -0.59 0.63	47.00 -0.98 0.00	46.92 -0.65 0.00	35.39 -0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.03 0.97 0.00	27.81 0.86 0.00	25.62 0.76 0.00	25.76 0.66 0.00	27.19 0.66 0.00	27.28 0.70 0.00	26.49 0.78 0.00	27.30 0.90 0.00	23.06 0.94 0.00	19.70 0.90 0.00	21.56 1.04 -0.31	25.77 1.07 -3.52	27.02 1.27 0.00	27.06 1.24 0.00	28.66 1.33 0.00	32.60 1.59 0.00	31.88 1.62 0.00	41.06 1.82 0.00	49.18 1.89 0.00	50.78 1.45 0.00	46.70 1.33 0.00	49.61 1.62 0.00	49.22 1.65 0.00	37.32 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	30.09 1.02 0.00	27.86 0.91 0.00	25.66 0.79 0.00	25.80 0.70 0.00	27.23 0.70 0.00	27.32 0.74 0.00	26.52 0.81 0.00	27.34 0.94 0.00	23.09 0.97 0.00	19.73 0.93 0.00	21.58 1.07 -0.31	25.80 1.10 -3.52	27.05 1.30 0.00	27.09 1.27 0.00	28.71 1.37 0.00	32.65 1.64 0.00	31.95 1.69 0.00	41.15 1.91 0.00	49.30 2.00 0.00	50.91 1.58 0.00	46.81 1.43 0.00	49.72 1.74 0.00	49.33 1.76 0.00	37.39 1.31 0.00
MODEL_CITY_ENERGY 24167	26.74 -2.32 0.00	24.78 -2.17 0.00	22.88 -1.99 0.00	23.21 -1.89 0.00	24.44 -2.09 0.00	24.47 -2.10 0.00	23.66 -2.05 0.00	24.70 -1.70 0.00	20.85 -1.27 0.00	17.72 -1.09 0.00	19.14 -1.06 0.00	20.05 -1.14 0.00	24.26 -1.49 0.00	24.30 -1.52 0.00	25.86 -1.48 0.00	29.24 -1.77 0.00	28.09 -2.17 0.00	36.34 -2.90 0.00	44.05 -3.24 0.00	47.01 -2.31 0.00	42.56 -2.10 0.72	45.49 -2.50 0.00	45.59 -1.98 0.00	34.46 -1.62 0.00
MODERN_LFGE__ 323580	26.74 -2.32 0.00	24.78 -2.17 0.00	22.88 -1.99 0.00	23.21 -1.89 0.00	24.44 -2.09 0.00	24.47 -2.10 0.00	23.66 -2.05 0.00	24.70 -1.70 0.00	20.85 -1.27 0.00	17.72 -1.09 0.00	19.14 -1.06 0.00	20.05 -1.14 0.00	24.26 -1.49 0.00	24.30 -1.52 0.00	25.86 -1.48 0.00	29.24 -1.77 0.00	28.09 -2.17 0.00	36.34 -2.90 0.00	44.05 -3.24 0.00	47.01 -2.31 0.00	42.56 -2.10 0.72	45.49 -2.50 0.00	45.59 -1.98 0.00	34.46 -1.62 0.00
MOHAWK_PAPER__DRP 24187	29.65 0.59 0.00	27.48 0.53 0.00	25.36 0.49 0.00	25.55 0.45 0.00	27.00 0.48 0.00	27.10 0.52 0.00	26.29 0.58 0.00	26.97 0.57 0.00	22.54 0.43 0.00	19.13 0.33 0.00	20.54 0.30 -0.04	21.92 0.32 -0.42	26.16 0.41 0.00	26.28 0.45 0.00	27.75 0.41 0.00	31.56 0.55 0.00	30.78 0.52 0.00	39.86 0.63 0.00	48.11 0.81 0.00	50.05 0.73 0.00	46.21 0.83 0.00	48.91 0.93 0.00	48.51 0.94 0.00	36.87 0.78 0.00
MOHICAN__35_KV_115KV_LD 80490	30.31 1.25 0.00	28.08 1.13 0.00	25.94 1.07 0.00	26.10 1.00 0.00	27.55 1.03 0.00	27.69 1.12 0.00	26.91 1.19 0.00	27.59 1.19 0.00	22.86 0.74 0.00	19.21 0.40 0.00	20.34 0.14 0.00	21.28 0.09 0.00	25.97 0.22 0.00	26.04 0.21 0.00	27.53 0.19 0.00	31.35 0.34 0.00	30.80 0.54 0.00	40.43 1.20 0.00	49.49 2.20 0.00	51.61 2.28 0.00	47.80 2.43 0.00	50.32 2.34 0.00	49.85 2.28 0.00	37.74 1.66 0.00

MONGAUP___HYD 23641	30.07 1.01 0.00	27.83 0.88 0.00	25.63 0.76 0.00	25.81 0.70 0.00	27.25 0.72 0.00	27.35 0.77 0.00	26.53 0.82 0.00	27.32 0.91 0.00	22.87 0.76 0.00	19.38 0.58 0.00	20.59 0.64 0.26	18.91 0.65 2.93	26.50 0.75 0.00	26.56 0.74 0.00	28.15 0.81 0.00	31.99 0.98 0.00	31.31 1.05 0.00	40.64 1.41 0.00	49.24 1.94 0.00	51.32 2.00 0.00	47.19 1.81 0.00	49.94 1.96 0.00	49.45 1.88 0.00	37.41 1.32 0.00
MONTAUK___DIESEL 23721	32.01 2.94 0.00	29.39 2.44 0.00	27.02 2.16 0.00	27.16 2.06 0.00	28.72 2.19 0.00	28.72 2.15 0.00	27.86 2.15 0.00	28.74 2.34 0.00	24.11 2.00 0.00	20.76 1.96 0.00	22.94 2.45 -0.29	27.16 2.65 -3.33	28.98 3.23 0.00	29.00 3.18 0.00	30.83 3.49 0.00	34.79 3.78 0.00	33.77 3.51 0.00	43.98 4.74 -0.01	51.75 4.45 0.00	52.08 2.75 0.00	48.06 2.68 0.00	51.24 3.26 0.00	50.03 2.46 0.00	38.46 2.38 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.73 -1.33 0.00	25.56 -1.39 0.00	23.56 -1.30 0.00	24.10 -1.01 0.00	25.45 -1.07 0.00	25.54 -1.04 0.00	24.62 -1.09 0.00	25.72 -0.68 0.00	21.70 -0.41 0.00	18.52 -0.28 0.00	20.01 -0.19 0.00	20.87 -0.32 0.00	25.33 -0.42 0.00	25.44 -0.38 0.00	27.10 -0.24 0.00	30.57 -0.45 0.00	29.66 -0.60 0.00	38.53 -0.71 0.00	46.91 -0.38 0.00	49.82 0.49 0.00	45.57 0.19 0.00	47.83 -0.15 0.00	47.46 -0.11 0.00	35.86 -0.22 0.00
MORRIS_RIDGE___SOLAR 323848	27.85 -1.21 0.00	25.79 -1.16 0.00	23.77 -1.09 0.00	24.18 -0.93 0.00	25.53 -1.00 0.00	25.59 -0.99 0.00	24.71 -1.00 0.00	25.58 -0.82 0.00	21.27 -0.85 0.00	17.96 -0.84 0.00	19.32 -0.89 0.00	20.26 -0.93 0.00	24.55 -1.20 0.00	24.58 -1.24 0.00	26.13 -1.21 0.00	29.59 -1.42 0.00	28.86 -1.40 0.00	37.68 -1.55 0.00	46.00 -1.29 0.00	48.95 -0.38 0.00	44.94 -0.44 0.00	47.26 -0.72 0.00	46.96 -0.61 0.00	35.53 -0.56 0.00
MORTIMER_115KV_TB3 55949	28.00 -1.06 0.00	25.95 -1.00 0.00	23.93 -0.93 0.00	24.21 -0.89 0.00	25.53 -1.00 0.00	25.57 -1.01 0.00	24.71 -1.00 0.00	25.55 -0.85 0.00	21.46 -0.66 0.00	18.22 -0.57 0.00	19.66 -0.54 0.00	20.64 -0.54 0.00	25.10 -0.65 0.00	25.17 -0.65 0.00	26.74 -0.59 0.00	30.32 -0.69 0.00	29.42 -0.84 0.00	38.20 -1.03 0.00	46.32 -0.98 0.00	48.98 -0.35 0.00	45.05 -0.33 0.00	47.35 -0.63 0.00	47.06 -0.51 0.00	35.55 -0.54 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.21 1.14 0.00	27.98 1.03 0.00	25.77 0.91 0.00	25.90 0.80 0.00	27.32 0.79 0.00	27.41 0.84 0.00	26.63 0.91 0.00	27.45 1.05 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.26 1.51 0.00	27.28 1.46 0.00	28.90 1.56 0.00	32.86 1.84 0.00	32.13 1.87 0.00	41.27 2.03 0.00	49.33 2.04 0.00	50.88 1.55 0.00	46.82 1.44 0.00	49.86 1.88 0.00	49.55 1.98 0.00	37.57 1.49 0.00
MUNSVILLE_WIND_PWR 323609	30.38 1.31 0.00	28.12 1.17 0.00	25.92 1.06 0.00	26.28 1.18 0.00	27.74 1.21 0.00	27.86 1.28 0.00	26.84 1.13 0.00	27.41 1.01 0.00	22.77 0.65 0.00	19.13 0.33 0.00	20.23 0.03 0.00	21.32 0.13 0.00	25.91 0.16 0.00	26.17 0.35 0.00	27.80 0.46 0.00	31.65 0.64 0.00	31.33 1.07 0.00	40.85 1.62 0.00	50.36 3.06 0.00	53.07 3.74 0.00	49.19 3.57 -0.24	51.55 3.57 0.00	50.80 3.23 0.00	38.28 2.20 0.00
N SALMON___HYD 24042	29.51 0.45 0.00	27.33 0.38 0.00	25.24 0.37 0.00	25.48 0.38 0.00	26.94 0.42 0.00	26.96 0.38 0.00	26.08 0.37 0.00	26.81 0.41 0.00	22.46 0.35 0.00	19.10 0.30 0.00	20.55 0.35 0.00	21.53 0.34 0.00	26.12 0.37 0.00	26.14 0.32 0.00	27.71 0.37 0.00	31.45 0.44 0.00	30.67 0.41 0.00	40.03 0.80 0.00	48.22 0.92 0.00	50.33 1.00 0.00	46.13 0.76 0.00	48.71 0.72 0.00	48.19 0.62 0.00	36.57 0.49 0.00
N.AKRON___115KV_KNAPP 355671	27.50 -1.56 0.00	25.47 -1.48 0.00	23.50 -1.37 0.00	23.82 -1.28 0.00	25.09 -1.43 0.00	25.13 -1.44 0.00	24.31 -1.40 0.00	25.32 -1.09 0.00	21.27 -0.85 0.00	18.00 -0.80 0.00	19.42 -0.79 0.00	20.35 -0.84 0.00	24.65 -1.10 0.00	24.70 -1.12 0.00	26.32 -1.02 0.00	29.79 -1.23 0.00	28.71 -1.56 0.00	37.28 -1.95 0.00	45.47 -1.82 0.00	48.61 -0.71 0.00	44.74 -0.64 0.00	46.97 -1.01 0.00	46.88 -0.69 0.00	35.39 -0.70 0.00
N.BELMOR_69_KV_BK1 55787	30.71 1.65 0.00	28.36 1.41 0.00	26.09 1.22 0.00	26.20 1.10 0.00	27.65 1.12 0.00	27.74 1.16 0.00	26.91 1.20 0.00	27.73 1.33 0.00	23.45 1.33 0.00	20.03 1.23 0.00	21.97 1.47 -0.29	26.03 1.52 -3.33	27.55 1.80 0.00	27.64 1.82 0.00	29.31 1.97 0.00	33.30 2.28 0.00	32.47 2.21 0.00	41.87 2.63 -0.01	49.72 2.42 0.00	51.11 1.79 0.00	47.21 1.83 0.00	50.35 2.37 0.00	49.87 2.30 0.00	37.98 1.89 0.00
N.E._GEN_SANDY PD 24062	30.48 0.77 -0.65	27.64 0.69 0.00	25.51 0.65 0.00	25.64 0.54 0.00	27.09 0.56 0.00	27.21 0.63 0.00	26.43 0.71 0.00	27.14 0.74 0.00	22.71 0.60 0.00	19.31 0.51 0.00	20.75 0.49 -0.06	22.38 0.51 -0.70	26.25 0.61 0.12	26.44 0.61 -0.01	27.90 0.56 0.00	31.76 0.75 0.00	30.95 0.69 0.00	39.92 0.69 0.00	48.11 0.81 0.00	49.81 0.68 0.20	45.58 0.84 0.63	49.06 1.08 0.00	47.72 1.18 1.03	37.01 0.92 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.99 0.93 0.00	27.77 0.82 0.00	25.57 0.71 0.00	25.74 0.64 0.00	27.17 0.65 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.28 0.88 0.00	23.04 0.92 0.00	19.69 0.89 0.00	20.81 1.03 0.42	17.38 1.05 4.86	27.00 1.25 0.00	27.05 1.23 0.00	28.68 1.34 0.00	32.62 1.61 0.00	31.90 1.64 0.00	41.11 1.87 0.00	49.30 2.01 0.00	50.91 1.58 0.00	46.75 1.37 0.00	49.61 1.63 0.00	49.22 1.65 0.00	37.29 1.21 0.00
N.QUEENS_27_KV_LOAD 356247	30.14 1.08 0.00	27.98 1.03 0.00	25.75 0.88 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.91 0.00	27.40 1.00 0.00	23.26 1.14 0.00	19.84 1.04 0.00	21.69 1.19 -0.29	25.76 1.23 -3.34	27.24 1.49 0.00	27.33 1.51 0.00	28.89 1.55 0.00	32.83 1.81 0.00	32.14 1.88 0.00	41.31 2.07 0.00	49.22 1.93 0.00	50.83 1.51 0.01	46.80 1.43 0.01	49.78 1.80 0.01	49.47 1.91 0.00	37.53 1.44 0.00
N.TROY___115KV_TB1 355778	29.82 0.76 0.00	27.63 0.68 0.00	25.51 0.64 0.00	25.68 0.58 0.00	27.14 0.61 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.13 0.73 0.00	22.64 0.52 0.00	19.19 0.39 0.00	20.55 0.31 -0.04	21.93 0.33 -0.41	26.17 0.42 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.56 0.54 0.00	30.79 0.54 0.00	39.92 0.68 0.00	48.26 0.97 0.00	50.26 0.93 0.00	46.45 1.07 0.00	49.20 1.22 0.00	48.83 1.26 0.00	37.05 0.97 0.00
NARROWS_GT1_1 24228	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00

NARROWS_GT1_2 24229	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_3 24230	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_4 24231	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_5 24232	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_6 24233	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_7 24234	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT1_8 24235	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_1 24236	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_2 24237	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_3 24238	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_4 24239	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_5 24240	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_6 24241	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_7 24242	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NARROWS_GT2_8 24243	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.94 0.88 0.00	27.73 0.78 0.00	25.58 0.71 0.00	25.79 0.68 0.00	27.26 0.74 0.00	27.37 0.79 0.00	26.56 0.84 0.00	27.25 0.85 0.00	22.69 0.58 0.00	19.17 0.37 0.00	20.56 0.35 0.00	21.53 0.34 0.00	26.19 0.44 0.00	26.29 0.46 0.00	27.84 0.50 0.00	31.62 0.60 0.00	30.89 0.63 0.00	40.20 0.96 0.00	48.78 1.49 0.00	50.90 1.58 0.00	46.99 1.61 0.00	49.60 1.62 0.00	49.10 1.53 0.00	37.26 1.18 0.00
NCHELSEA_115KV_TR2 355582	30.19 1.12 0.00	27.94 0.99 0.00	25.74 0.87 0.00	25.89 0.79 0.00	27.32 0.79 0.00	27.42 0.85 0.00	26.62 0.90 0.00	27.43 1.03 0.00	23.12 1.00 0.00	19.73 0.93 0.00	21.26 1.06 0.00	22.27 1.09 0.00	27.03 1.28 0.00	27.09 1.27 0.00	28.72 1.38 0.00	32.69 1.68 0.00	32.03 1.77 0.00	41.35 2.11 0.00	49.60 2.31 0.00	51.30 1.97 0.00	47.19 1.81 0.00	50.00 2.02 0.00	49.54 1.97 0.00	37.52 1.43 0.00
NEG CAPITAL___MECHNVIL 23645	30.18 1.12 0.00	27.94 0.99 0.00	25.79 0.92 0.00	25.98 0.88 0.00	27.46 0.94 0.00	27.58 1.01 0.00	26.76 1.04 0.00	27.44 1.04 0.00	22.84 0.72 0.00	19.30 0.50 0.00	20.61 0.41 0.00	21.61 0.42 0.00	26.33 0.58 0.00	26.45 0.63 0.00	27.94 0.61 0.00	31.82 0.81 0.00	31.15 0.89 0.00	40.57 1.34 0.00	49.21 1.91 0.00	51.29 1.96 0.00	47.34 1.97 0.00	50.03 2.05 0.00	49.57 2.00 0.00	37.55 1.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.70 -1.37 0.00	25.68 -1.27 0.00	23.68 -1.19 0.00	23.94 -1.16 0.00	25.25 -1.27 0.00	25.30 -1.28 0.00	24.45 -1.27 0.00	25.23 -1.17 0.00	21.16 -0.95 0.00	17.97 -0.83 0.00	19.35 -0.86 0.00	20.33 -0.85 0.00	24.73 -1.01 0.00	24.81 -1.01 0.00	26.35 -0.99 0.00	29.89 -1.13 0.00	29.07 -1.19 0.00	37.80 -1.44 0.00	45.80 -1.50 0.00	48.29 -1.04 0.00	44.39 -0.99 0.00	46.66 -1.33 0.00	46.31 -1.26 0.00	35.00 -1.09 0.00
NEG CENTRAL___DRP 24199	28.66 -0.40 0.00	26.53 -0.42 0.00	24.49 -0.37 0.00	24.75 -0.35 0.00	26.13 -0.40 0.00	26.21 -0.37 0.00	25.32 -0.39 0.00	26.04 -0.35 0.00	21.73 -0.38 0.00	18.38 -0.41 0.00	19.72 -0.49 0.00	20.71 -0.47 0.00	25.22 -0.53 0.00	25.29 -0.54 0.00	26.83 -0.51 0.00	30.45 -0.57 0.00	29.81 -0.45 0.00	38.89 -0.34 0.00	47.14 -0.15 0.00	49.64 0.31 0.00	45.54 0.16 0.00	47.89 -0.09 0.00	47.36 -0.21 0.00	35.90 -0.19 0.00
NEG CENTRAL___INDECK 23768	28.73 -0.33 0.00	26.61 -0.34 0.00	24.49 -0.38 0.00	24.84 -0.27 0.00	26.23 -0.30 0.00	26.30 -0.28 0.00	25.42 -0.29 0.00	26.31 -0.09 0.00	21.86 -0.26 0.00	18.38 -0.42 0.00	19.71 -0.50 0.00	20.64 -0.54 0.00	25.05 -0.69 0.00	25.11 -0.71 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.46 -0.80 0.00	38.51 -0.73 0.00	47.10 -0.19 0.00	50.70 1.38 0.00	46.72 1.34 0.00	49.05 1.07 0.00	48.57 1.00 0.00	36.62 0.53 0.00
NEG CENTRAL___SENECA 23627	28.60 -0.47 0.00	26.48 -0.47 0.00	24.43 -0.43 0.00	24.72 -0.38 0.00	26.09 -0.44 0.00	26.17 -0.41 0.00	25.29 -0.42 0.00	26.05 -0.34 0.00	21.74 -0.38 0.00	18.37 -0.43 0.00	19.71 -0.50 0.00	20.70 -0.49 0.00	25.18 -0.57 0.00	25.24 -0.58 0.00	26.80 -0.54 0.00	30.39 -0.62 0.00	29.77 -0.49 0.00	38.91 -0.32 0.00	47.24 -0.06 0.00	49.88 0.55 0.00	45.75 0.37 0.00	48.00 0.02 0.00	47.48 -0.09 0.00	36.00 -0.09 0.00
NEG CENTRAL___STATE_STREET 24147	28.90 -0.16 0.00	26.73 -0.22 0.00	24.71 -0.15 0.00	24.90 -0.21 0.00	26.27 -0.26 0.00	26.42 -0.15 0.00	25.52 -0.19 0.00	26.19 -0.21 0.00	21.86 -0.26 0.00	18.51 -0.28 0.00	19.79 -0.42 0.00	20.83 -0.35 0.00	25.36 -0.39 0.00	25.46 -0.36 0.00	27.01 -0.33 0.00	30.61 -0.40 0.00	29.97 -0.29 0.00	39.07 -0.17 0.00	47.35 0.05 0.00	49.68 0.36 0.00	45.49 0.11 0.00	48.06 0.08 0.00	47.40 -0.17 0.00	35.90 -0.19 0.00
NEG MILLWOOD___DRP 24198	30.23 1.17 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.91 0.81 0.00	27.34 0.82 0.00	27.45 0.87 0.00	26.64 0.93 0.00	27.46 1.06 0.00	23.17 1.05 0.00	19.78 0.98 0.00	21.40 1.12 -0.07	23.16 1.16 -0.82	27.12 1.38 0.00	27.18 1.36 0.00	28.81 1.47 0.00	32.79 1.77 0.00	32.12 1.86 0.00	41.44 2.20 0.00	49.67 2.38 0.00	51.35 2.03 0.00	47.22 1.85 0.00	50.06 2.07 0.00	49.60 2.03 0.00	37.57 1.49 0.00
NEG NORTH_FLCN_SEA 23793	29.51 0.45 0.00	27.33 0.38 0.00	25.27 0.40 0.00	25.49 0.39 0.00	26.97 0.44 0.00	27.01 0.43 0.00	26.11 0.40 0.00	26.80 0.40 0.00	22.42 0.30 0.00	19.08 0.28 0.00	20.52 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.13 0.31 0.00	27.68 0.34 0.00	31.42 0.41 0.00	30.75 0.48 0.00	40.00 0.76 0.00	48.17 0.88 0.00	50.26 0.93 0.00	46.04 0.66 0.00	48.58 0.59 0.00	48.13 0.56 0.00	36.53 0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	29.22 0.16 0.00	27.09 0.13 0.00	25.03 0.17 0.00	25.27 0.17 0.00	26.71 0.18 0.00	26.72 0.14 0.00	25.84 0.13 0.00	26.55 0.14 0.00	22.22 0.11 0.00	18.91 0.11 0.00	20.35 0.15 0.00	21.32 0.13 0.00	25.87 0.12 0.00	25.90 0.08 0.00	27.41 0.07 0.00	31.10 0.09 0.00	30.36 0.10 0.00	39.47 0.23 0.00	47.60 0.30 0.00	49.72 0.39 0.00	45.57 0.19 0.00	48.15 0.17 0.00	47.71 0.14 0.00	36.20 0.11 0.00
NEG NORTH___ALICE_FALLS 23915	29.57 0.51 0.00	27.38 0.42 0.00	25.31 0.44 0.00	25.53 0.42 0.00	27.01 0.48 0.00	27.04 0.46 0.00	26.15 0.43 0.00	26.84 0.44 0.00	22.44 0.33 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.14 0.32 0.00	27.69 0.35 0.00	31.42 0.40 0.00	30.76 0.49 0.00	40.00 0.77 0.00	48.26 0.96 0.00	50.39 1.07 0.00	46.17 0.79 0.00	48.72 0.74 0.00	48.23 0.66 0.00	36.62 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	29.57 0.51 0.00	27.38 0.42 0.00	25.31 0.44 0.00	25.53 0.42 0.00	27.01 0.48 0.00	27.04 0.46 0.00	26.15 0.43 0.00	26.84 0.44 0.00	22.44 0.33 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.14 0.32 0.00	27.69 0.35 0.00	31.42 0.40 0.00	30.76 0.49 0.00	40.00 0.77 0.00	48.26 0.96 0.00	50.39 1.07 0.00	46.17 0.79 0.00	48.72 0.74 0.00	48.23 0.66 0.00	36.62 0.53 0.00
NEG NORTH___PLATTSBURG 23628	29.57 0.51 0.00	27.38 0.43 0.00	25.31 0.44 0.00	25.53 0.42 0.00	27.01 0.48 0.00	27.04 0.46 0.00	26.15 0.43 0.00	26.84 0.44 0.00	22.44 0.33 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.31 0.00	26.09 0.34 0.00	26.14 0.32 0.00	27.69 0.35 0.00	31.42 0.40 0.00	30.76 0.49 0.00	40.00 0.77 0.00	48.26 0.96 0.00	50.39 1.06 0.00	46.17 0.79 0.00	48.72 0.74 0.00	48.23 0.66 0.00	36.62 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	27.02 -2.04 0.00	25.03 -1.92 0.00	23.10 -1.76 0.00	23.44 -1.66 0.00	24.69 -1.84 0.00	24.72 -1.85 0.00	23.91 -1.80 0.00	24.93 -1.47 0.00	21.03 -1.09 0.00	17.87 -0.93 0.00	19.30 -0.90 0.00	20.23 -0.95 0.00	24.48 -1.26 0.00	24.53 -1.29 0.00	26.11 -1.23 0.00	29.53 -1.48 0.00	28.37 -1.89 0.00	36.74 -2.50 0.00	44.57 -2.73 0.00	47.59 -1.74 0.00	43.80 -1.58 0.00	46.02 -1.96 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00

NEG WEST___LANCASTR 23811	27.40 -1.66 0.00	25.38 -1.57 0.00	23.43 -1.44 0.00	23.77 -1.33 0.00	25.02 -1.51 0.00	25.06 -1.52 0.00	24.22 -1.50 0.00	25.20 -1.20 0.00	21.25 -0.87 0.00	18.09 -0.71 0.00	19.54 -0.66 0.00	20.50 -0.68 0.00	24.87 -0.89 0.00	24.90 -0.92 0.00	26.53 -0.80 0.00	30.03 -0.98 0.00	28.99 -1.28 0.00	37.55 -1.69 0.00	45.46 -1.84 0.00	48.38 -0.94 0.00	44.56 -0.81 0.00	46.75 -1.24 0.00	46.65 -0.92 0.00	35.23 -0.85 0.00
NEG_PENN_ALLEGHNY 23528	28.80 -0.26 0.00	26.68 -0.27 0.00	24.64 -0.23 0.00	24.92 -0.19 0.00	26.30 -0.22 0.00	26.37 -0.21 0.00	25.48 -0.23 0.00	26.23 -0.17 0.00	21.99 -0.13 0.00	18.68 -0.12 0.00	20.05 -0.16 0.00	21.04 -0.14 0.00	25.56 -0.19 0.00	25.59 -0.23 0.00	27.15 -0.19 0.00	30.78 -0.23 0.00	30.14 -0.12 0.00	39.17 -0.06 0.00	47.33 0.03 0.00	49.44 0.12 0.00	45.61 0.00 -0.24	47.91 -0.07 0.00	47.43 -0.14 0.00	35.95 -0.13 0.00
NEG___GEN_MONROE 24207	28.07 -0.99 0.00	26.00 -0.95 0.00	23.97 -0.90 0.00	24.27 -0.83 0.00	25.57 -0.95 0.00	25.62 -0.96 0.00	24.77 -0.95 0.00	25.63 -0.78 0.00	21.49 -0.63 0.00	18.20 -0.59 0.00	19.63 -0.57 0.00	20.60 -0.58 0.00	25.04 -0.71 0.00	25.11 -0.71 0.00	26.69 -0.65 0.00	30.25 -0.76 0.00	29.32 -0.95 0.00	38.14 -1.10 0.00	46.38 -0.91 0.00	49.26 -0.06 0.00	45.33 -0.05 0.00	47.59 -0.39 0.00	47.31 -0.26 0.00	35.72 -0.37 0.00
NEPA___ENERGY 23901	27.51 -1.56 0.00	25.44 -1.51 0.00	23.54 -1.32 0.00	23.95 -1.15 0.00	25.23 -1.30 0.00	25.29 -1.29 0.00	24.38 -1.33 0.00	25.41 -0.99 0.00	21.40 -0.72 0.00	18.26 -0.53 0.00	19.68 -0.52 0.00	20.64 -0.55 0.00	25.00 -0.75 0.00	25.02 -0.80 0.00	26.64 -0.70 0.00	30.10 -0.92 0.00	29.26 -1.00 0.00	38.01 -1.23 0.00	46.11 -1.19 0.00	48.63 -0.69 0.00	44.42 -0.96 0.00	46.80 -1.18 0.00	46.45 -1.13 0.00	35.16 -0.92 0.00
NEVERSINK___HYD 23608	29.70 0.64 0.00	27.48 0.53 0.00	25.32 0.45 0.00	25.50 0.39 0.00	26.91 0.38 0.00	27.01 0.44 0.00	26.22 0.50 0.00	27.01 0.61 0.00	22.74 0.63 0.00	19.39 0.59 0.00	20.77 0.65 0.08	20.91 0.65 0.92	26.50 0.75 0.00	26.58 0.76 0.00	28.17 0.83 0.00	32.05 1.04 0.00	31.45 1.19 0.00	40.74 1.51 0.00	48.92 1.63 0.00	50.68 1.35 0.00	46.56 1.18 0.00	49.30 1.32 0.00	48.81 1.24 0.00	36.93 0.85 0.00
NEWKRMKL_115KV_TB1 55635	29.37 0.31 0.00	27.24 0.29 0.00	25.14 0.27 0.00	25.33 0.22 0.00	26.78 0.26 0.00	26.88 0.30 0.00	26.06 0.35 0.00	26.74 0.34 0.00	22.37 0.26 0.00	19.00 0.20 0.00	20.41 0.17 -0.04	21.79 0.19 -0.42	25.99 0.25 0.00	26.10 0.28 0.00	27.57 0.23 0.00	31.33 0.32 0.00	30.56 0.30 0.00	39.53 0.30 0.00	47.61 0.31 0.00	49.52 0.19 0.00	45.70 0.32 0.00	48.36 0.37 0.00	47.96 0.39 0.00	36.53 0.45 0.00
NEWTON___FALLS_HYD 23847	29.67 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.05 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.51 0.00
NGRID_A1_DSASP 323792	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
NGRID_A2_DSASP 323793	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
NGRID_A4_DSASP 323807	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
NIAGARA_115E_LBMP 323715	26.59 -2.48 0.00	24.65 -2.30 0.00	22.76 -2.11 0.00	23.08 -2.02 0.00	24.31 -2.22 0.00	24.34 -2.23 0.00	23.53 -2.18 0.00	24.57 -1.83 0.00	20.74 -1.37 0.00	17.64 -1.16 0.00	19.06 -1.14 0.00	19.96 -1.22 0.00	24.15 -1.60 0.00	24.19 -1.63 0.00	25.74 -1.60 0.00	29.10 -1.92 0.00	27.93 -2.33 0.00	36.12 -3.11 0.00	43.76 -3.53 0.00	46.70 -2.62 0.00	42.25 -2.40 0.74	45.19 -2.79 0.00	45.32 -2.25 0.00	34.27 -1.81 0.00
NIAGARA_115W_LBMP 323714	26.61 -2.46 0.00	24.65 -2.30 0.00	22.77 -2.10 0.00	23.09 -2.01 0.00	24.31 -2.22 0.00	24.34 -2.24 0.00	23.52 -2.19 0.00	24.64 -1.76 0.00	20.89 -1.23 0.00	17.78 -1.02 0.00	19.21 -0.99 0.00	20.13 -1.05 0.00	24.38 -1.37 0.00	24.41 -1.42 0.00	25.95 -1.39 0.00	29.34 -1.68 0.00	28.02 -2.25 0.00	36.16 -3.08 0.00	43.72 -3.57 0.00	46.63 -2.70 0.00	42.16 -2.45 0.77	45.16 -2.83 0.00	45.29 -2.28 0.00	34.27 -1.81 0.00
NIAGARA_230_LBMP 323716	26.86 -2.20 0.00	24.89 -2.06 0.00	22.98 -1.88 0.00	23.31 -1.79 0.00	24.55 -1.97 0.00	24.58 -2.00 0.00	23.75 -1.96 0.00	24.77 -1.63 0.00	20.96 -1.16 0.00	17.84 -0.97 0.00	19.27 -0.93 0.00	20.19 -1.00 0.00	24.45 -1.30 0.00	24.48 -1.34 0.00	26.04 -1.30 0.00	29.43 -1.59 0.00	28.26 -2.01 0.00	36.54 -2.69 0.00	44.19 -3.11 0.00	47.06 -2.26 0.00	42.57 -2.04 0.77	45.58 -2.40 0.00	45.66 -1.92 0.00	34.52 -1.56 0.00
NIAGARA___115KV_198_GIBSON 55903	26.61 -2.46 0.00	24.65 -2.30 0.00	22.76 -2.11 0.00	23.09 -2.01 0.00	24.31 -2.21 0.00	24.34 -2.24 0.00	23.55 -2.17 0.00	24.65 -1.76 0.00	20.88 -1.24 0.00	17.78 -1.02 0.00	19.21 -0.99 0.00	20.13 -1.05 0.00	24.38 -1.37 0.00	24.41 -1.42 0.00	25.96 -1.38 0.00	29.34 -1.68 0.00	28.02 -2.25 0.00	36.16 -3.07 0.00	43.73 -3.56 0.00	46.63 -2.69 0.00	42.93 -2.45 0.00	45.16 -2.82 0.00	45.30 -2.27 0.00	34.28 -1.81 0.00
NIAGARA____ 23760	26.86 -2.20 0.00	24.89 -2.06 0.00	22.98 -1.88 0.00	23.31 -1.79 0.00	24.55 -1.97 0.00	24.58 -2.00 0.00	23.75 -1.96 0.00	24.77 -1.63 0.00	20.96 -1.16 0.00	17.84 -0.97 0.00	19.27 -0.93 0.00	20.19 -1.00 0.00	24.45 -1.30 0.00	24.48 -1.34 0.00	26.04 -1.30 0.00	29.43 -1.59 0.00	28.26 -2.01 0.00	36.54 -2.69 0.00	44.19 -3.11 0.00	47.06 -2.26 0.00	42.58 -2.04 0.76	45.58 -2.40 0.00	45.66 -1.92 0.00	34.52 -1.56 0.00

NINE_MILE_1 23575	28.10 -0.96 0.00	26.09 -0.86 0.00	24.08 -0.78 0.00	24.33 -0.77 0.00	25.68 -0.84 0.00	25.72 -0.86 0.00	24.81 -0.90 0.00	25.43 -0.97 0.00	21.28 -0.84 0.00	18.07 -0.73 0.00	19.42 -0.78 0.00	20.38 -0.80 0.00	24.82 -0.93 0.00	24.89 -0.94 0.00	26.37 -0.97 0.00	29.88 -1.13 0.00	29.16 -1.10 0.00	37.84 -1.40 0.00	45.67 -1.62 0.00	47.73 -1.59 0.00	43.90 -1.47 0.00	46.36 -1.63 0.00	45.95 -1.62 0.00	34.86 -1.23 0.00
NINE_MILE_2 23744	28.10 -0.96 0.00	26.09 -0.86 0.00	24.09 -0.78 0.00	24.33 -0.77 0.00	25.69 -0.84 0.00	25.72 -0.86 0.00	24.82 -0.90 0.00	25.44 -0.96 0.00	21.28 -0.84 0.00	18.07 -0.73 0.00	19.42 -0.78 0.00	20.38 -0.80 0.00	24.82 -0.93 0.00	24.89 -0.93 0.00	26.37 -0.97 0.00	29.88 -1.13 0.00	29.16 -1.10 0.00	37.84 -1.40 0.00	45.67 -1.62 0.00	47.73 -1.59 0.00	43.91 -1.47 0.00	46.36 -1.62 0.00	45.95 -1.62 0.00	34.86 -1.23 0.00
NM_CAPITAL___DRP 24208	29.42 0.36 0.00	27.29 0.34 0.00	25.19 0.32 0.00	25.37 0.27 0.00	26.82 0.29 0.00	26.93 0.35 0.00	26.12 0.41 0.00	26.79 0.39 0.00	22.41 0.30 0.00	19.04 0.23 0.00	20.44 0.20 -0.04	21.83 0.22 -0.43	26.03 0.28 0.00	26.12 0.30 0.00	27.60 0.26 0.00	31.36 0.34 0.00	30.58 0.32 0.00	39.53 0.30 0.00	47.63 0.34 0.00	49.53 0.21 0.00	45.74 0.36 0.00	48.44 0.46 0.00	48.06 0.49 0.00	36.58 0.49 0.00
NM_CENTRAL___DRP 24181	28.55 -0.52 0.00	26.50 -0.45 0.00	24.45 -0.42 0.00	24.70 -0.41 0.00	26.08 -0.45 0.00	26.12 -0.46 0.00	25.21 -0.50 0.00	25.86 -0.54 0.00	21.63 -0.48 0.00	18.36 -0.44 0.00	19.74 -0.46 0.00	20.72 -0.46 0.00	25.24 -0.51 0.00	25.31 -0.51 0.00	26.83 -0.51 0.00	30.45 -0.57 0.00	29.76 -0.50 0.00	38.66 -0.58 0.00	46.69 -0.60 0.00	48.81 -0.52 0.00	44.86 -0.51 0.00	47.32 -0.66 0.00	46.85 -0.72 0.00	35.51 -0.58 0.00
NM_FRONTIER___DRP 24179	26.61 -2.46 0.00	24.65 -2.30 0.00	22.76 -2.11 0.00	23.09 -2.01 0.00	24.31 -2.21 0.00	24.34 -2.24 0.00	23.55 -2.17 0.00	24.65 -1.76 0.00	20.88 -1.24 0.00	17.78 -1.02 0.00	19.21 -0.99 0.00	20.13 -1.05 0.00	24.38 -1.37 0.00	24.41 -1.42 0.00	25.96 -1.38 0.00	29.34 -1.68 0.00	28.02 -2.25 0.00	36.16 -3.07 0.00	43.73 -3.56 0.00	46.63 -2.69 0.00	42.93 -2.45 0.00	45.16 -2.82 0.00	45.30 -2.27 0.00	34.28 -1.81 0.00
NM_ST_REGIS___HYD 24053	29.59 0.53 0.00	27.40 0.45 0.00	25.30 0.43 0.00	25.55 0.44 0.00	27.00 0.48 0.00	27.03 0.45 0.00	26.16 0.44 0.00	26.88 0.48 0.00	22.48 0.36 0.00	19.10 0.30 0.00	20.55 0.35 0.00	21.53 0.34 0.00	26.12 0.37 0.00	26.14 0.32 0.00	27.71 0.37 0.00	31.48 0.47 0.00	30.67 0.41 0.00	40.09 0.85 0.00	48.33 1.03 0.00	50.47 1.14 0.00	46.27 0.89 0.00	48.84 0.86 0.00	48.32 0.75 0.00	36.68 0.60 0.00
NORTHPORT___1 23551	30.68 1.62 0.00	28.32 1.37 0.00	26.07 1.21 0.00	26.18 1.08 0.00	27.64 1.12 0.00	27.75 1.17 0.00	26.94 1.22 0.00	27.75 1.35 0.00	23.45 1.33 0.00	20.00 1.20 0.00	21.90 1.41 -0.29	25.94 1.43 -3.33	27.39 1.64 0.00	27.49 1.67 0.00	29.18 1.84 0.00	33.09 2.07 0.00	32.17 1.91 0.00	41.40 2.16 -0.01	49.02 1.72 0.00	50.20 0.87 0.00	46.43 1.05 0.00	49.84 1.86 0.00	49.30 1.73 0.00	37.72 1.63 0.00
NORTHPORT___2 23552	30.68 1.62 0.00	28.32 1.37 0.00	26.07 1.21 0.00	26.18 1.08 0.00	27.64 1.12 0.00	27.75 1.17 0.00	26.94 1.22 0.00	27.75 1.35 0.00	23.45 1.33 0.00	20.00 1.20 0.00	21.90 1.41 -0.29	25.94 1.43 -3.33	27.39 1.64 0.00	27.49 1.67 0.00	29.18 1.84 0.00	33.09 2.07 0.00	32.17 1.91 0.00	41.40 2.16 -0.01	49.02 1.72 0.00	50.20 0.87 0.00	46.43 1.05 0.00	49.84 1.86 0.00	49.30 1.73 0.00	37.72 1.63 0.00
NORTHPORT___3 23553	30.67 1.61 0.00	28.31 1.36 0.00	26.07 1.20 0.00	26.18 1.07 0.00	27.63 1.11 0.00	27.74 1.16 0.00	26.92 1.21 0.00	27.74 1.34 0.00	23.44 1.33 0.00	20.00 1.20 0.00	21.91 1.41 -0.29	25.95 1.44 -3.33	27.42 1.67 0.00	27.51 1.69 0.00	29.20 1.86 0.00	33.13 2.11 0.00	32.23 1.97 0.00	41.48 2.24 -0.01	49.13 1.83 0.00	50.37 1.04 0.00	46.54 1.16 0.00	49.91 1.93 0.00	49.37 1.80 0.00	37.74 1.65 0.00
NORTHPORT___4 23650	30.67 1.61 0.00	28.31 1.36 0.00	26.07 1.20 0.00	26.18 1.07 0.00	27.63 1.11 0.00	27.74 1.16 0.00	26.92 1.21 0.00	27.74 1.34 0.00	23.44 1.33 0.00	20.00 1.20 0.00	21.91 1.41 -0.29	25.95 1.44 -3.33	27.42 1.67 0.00	27.51 1.69 0.00	29.20 1.86 0.00	33.13 2.11 0.00	32.23 1.97 0.00	41.48 2.24 -0.01	49.13 1.83 0.00	50.37 1.04 0.00	46.54 1.16 0.00	49.91 1.93 0.00	49.37 1.80 0.00	37.74 1.65 0.00
NORTHPORT___IC 23718	30.69 1.63 0.00	28.32 1.37 0.00	26.07 1.21 0.00	26.18 1.08 0.00	27.65 1.12 0.00	27.75 1.17 0.00	26.93 1.22 0.00	27.75 1.35 0.00	23.45 1.34 0.00	20.00 1.20 0.00	21.90 1.41 -0.29	25.94 1.42 -3.33	27.39 1.64 0.00	27.49 1.67 0.00	29.18 1.84 0.00	33.09 2.07 0.00	32.17 1.91 0.00	41.41 2.16 -0.01	49.02 1.72 0.00	50.20 0.87 0.00	46.43 1.05 0.00	49.83 1.85 0.00	49.30 1.73 0.00	37.72 1.63 0.00
NORTH___COUNTRY_ESR 323785	29.16 0.10 0.00	27.04 0.09 0.00	24.99 0.12 0.00	25.23 0.12 0.00	26.67 0.14 0.00	26.68 0.10 0.00	25.80 0.08 0.00	26.50 0.10 0.00	22.21 0.10 0.00	18.91 0.11 0.00	20.35 0.14 0.00	21.32 0.13 0.00	25.87 0.12 0.00	25.90 0.08 0.00	27.41 0.07 0.00	31.10 0.08 0.00	30.35 0.09 0.00	39.47 0.23 0.00	47.52 0.22 0.00	49.60 0.27 0.00	45.44 0.07 0.00	48.03 0.05 0.00	47.62 0.04 0.00	36.13 0.04 0.00
NPX_GEN_1385_PROXY 323591	30.88 1.82 0.00	28.55 1.60 0.00	26.39 1.53 0.00	26.51 1.41 0.00	28.08 1.56 0.00	28.29 1.71 0.00	27.08 1.74 0.37	28.17 1.77 0.00	23.90 1.78 0.00	20.15 1.35 0.00	21.79 1.30 -0.29	25.65 1.14 -3.33	18.62 0.91 8.04	26.89 1.07 0.00	28.53 1.18 0.00	32.35 1.33 0.00	31.50 1.24 0.00	41.20 1.95 -0.01	46.19 1.49 2.59	49.73 0.40 0.00	44.10 0.61 1.89	50.38 2.01 -0.38	48.92 1.35 0.00	37.52 1.43 0.00
NPX_GEN_CSC 323557	31.19 2.13 0.00	28.72 1.77 0.00	26.41 1.55 0.00	26.52 1.42 0.00	27.99 1.46 0.00	28.09 1.51 0.00	26.89 1.55 0.37	28.10 1.70 0.00	23.72 1.60 0.00	20.27 1.47 0.00	22.25 1.76 -0.29	26.34 1.83 -3.33	27.93 2.18 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.40 2.39 0.00	32.35 2.09 0.00	41.88 2.64 -0.01	46.85 2.14 2.59	50.48 1.15 0.00	44.74 1.25 1.89	50.28 1.91 -0.38	49.17 1.60 0.00	37.81 1.73 0.00
NSINS_S_GLNS_FALLS 23858	30.25 1.19 0.00	28.03 1.08 0.00	25.88 1.01 0.00	26.05 0.95 0.00	27.51 0.98 0.00	27.64 1.07 0.00	26.85 1.14 0.00	27.53 1.13 0.00	22.82 0.71 0.00	19.19 0.39 0.00	20.32 0.11 0.00	21.26 0.07 0.00	25.94 0.19 0.00	25.99 0.17 0.00	27.49 0.15 0.00	31.30 0.29 0.00	30.76 0.49 0.00	40.36 1.13 0.00	49.41 2.12 0.00	51.51 2.18 0.00	47.72 2.34 0.00	50.24 2.26 0.00	49.75 2.18 0.00	37.67 1.59 0.00

NUCOR_STEEL____DRP 24197	28.89 -0.16 0.00	26.71 -0.24 0.00	24.70 -0.16 0.00	24.88 -0.22 0.00	26.26 -0.27 0.00	26.41 -0.16 0.00	25.51 -0.20 0.00	26.17 -0.23 0.00	21.85 -0.26 0.00	18.51 -0.28 0.00	19.78 -0.43 0.00	20.83 -0.35 0.00	25.36 -0.39 0.00	25.46 -0.36 0.00	27.01 -0.33 0.00	30.61 -0.40 0.00	29.97 -0.29 0.00	39.04 -0.19 0.00	47.30 0.01 0.00	49.61 0.28 0.00	45.41 0.03 0.00	48.01 0.03 0.00	47.34 -0.23 0.00	35.85 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	29.83 0.77 0.00	27.47 0.52 0.00	25.32 0.45 0.00	25.71 0.60 0.00	27.12 0.59 0.00	27.04 0.47 0.00	26.11 0.40 0.00	26.77 0.37 0.00	22.31 0.19 0.00	18.85 0.05 0.00	20.19 -0.01 0.00	21.12 -0.06 0.00	25.67 -0.08 0.00	25.88 0.05 0.00	27.42 0.08 0.00	31.01 -0.01 0.00	30.31 0.05 0.00	40.01 0.77 0.00	48.76 1.47 0.00	50.97 1.64 0.00	46.77 1.39 0.00	49.68 1.70 0.00	48.70 1.13 0.00	36.82 0.74 0.00
NYISO_LBMP_REFERENCE 24008	29.06 0.00 0.00	26.95 0.00 0.00	24.87 0.00 0.00	25.11 0.00 0.00	26.53 0.00 0.00	26.58 0.00 0.00	25.71 0.00 0.00	26.40 0.00 0.00	22.12 0.00 0.00	18.80 0.00 0.00	20.20 0.00 0.00	21.18 0.00 0.00	25.75 0.00 0.00	25.82 0.00 0.00	27.34 0.00 0.00	31.01 0.00 0.00	30.26 0.00 0.00	39.24 0.00 0.00	47.29 0.00 0.00	49.33 0.00 0.00	45.38 0.00 0.00	47.98 0.00 0.00	47.57 0.00 0.00	36.08 0.00 0.00
NYPA_BRENTWD____GT 24164	31.03 1.96 0.00	28.61 1.66 0.00	26.33 1.46 0.00	26.43 1.33 0.00	27.90 1.37 0.00	28.00 1.42 0.00	27.18 1.46 0.00	28.01 1.61 0.00	23.67 1.55 0.00	20.18 1.39 0.00	22.12 1.62 -0.29	26.19 1.68 -3.33	27.73 1.98 0.00	27.82 2.00 0.00	29.56 2.22 0.00	33.55 2.53 0.00	32.67 2.40 0.00	42.12 2.88 -0.01	49.90 2.60 0.00	50.87 1.54 0.00	47.21 1.83 0.00	50.63 2.64 0.00	50.01 2.44 0.00	38.19 2.10 0.00
NYPA_GOWANUS____GT5 24156	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 1.99 0.00	50.83 1.51 0.00	46.80 1.42 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NYPA_GOWANUS____GT6 24157	30.24 1.17 0.00	28.02 1.07 0.00	25.80 0.93 0.00	25.92 0.82 0.00	27.33 0.81 0.00	27.45 0.87 0.00	26.67 0.95 0.00	27.48 1.08 0.00	23.22 1.10 0.00	19.84 1.04 0.00	21.70 1.21 -0.29	25.76 1.23 -3.34	27.23 1.48 0.00	27.25 1.43 0.00	28.85 1.51 0.00	32.83 1.82 0.00	32.09 1.83 0.00	41.22 1.98 0.00	49.29 1.99 0.00	50.83 1.51 0.00	46.80 1.42 0.00	49.83 1.85 0.00	49.55 1.98 0.00	37.54 1.46 0.00
NYPA_HARLEM__RVR__GT1 24160	30.10 1.04 0.00	27.95 1.00 0.00	25.71 0.84 0.00	25.84 0.73 0.00	27.24 0.71 0.00	27.37 0.79 0.00	26.60 0.89 0.00	27.39 0.99 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.16 -0.29	25.73 1.20 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.77 1.76 0.00	32.07 1.81 0.00	41.22 1.99 0.00	49.12 1.83 0.01	50.68 1.37 0.02	46.69 1.33 0.02	49.66 1.70 0.02	49.40 1.83 0.01	37.47 1.39 0.00
NYPA_HARLEM__RVR__GT2 24161	30.10 1.04 0.00	27.95 1.00 0.00	25.71 0.84 0.00	25.84 0.73 0.00	27.24 0.71 0.00	27.37 0.79 0.00	26.60 0.89 0.00	27.39 0.99 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.16 -0.29	25.73 1.20 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.77 1.76 0.00	32.07 1.81 0.00	41.22 1.99 0.00	49.12 1.83 0.01	50.68 1.37 0.02	46.69 1.33 0.02	49.66 1.70 0.02	49.40 1.83 0.01	37.47 1.39 0.00
NYPA_KENT____GT 24152	30.22 1.16 0.00	28.00 1.06 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.44 0.86 0.00	26.66 0.95 0.00	27.48 1.08 0.00	23.24 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.26 1.51 0.00	27.29 1.47 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.29 2.00 0.00	50.85 1.52 0.00	46.81 1.43 0.00	49.82 1.84 0.00	49.54 1.97 0.00	37.55 1.47 0.00
NYPA_POUCH1____GT 24155	30.17 1.11 0.00	27.96 1.01 0.00	25.74 0.87 0.00	25.87 0.76 0.00	27.28 0.75 0.00	27.40 0.82 0.00	26.61 0.90 0.00	27.43 1.03 0.00	23.18 1.07 0.00	19.81 1.01 0.00	21.66 1.17 -0.29	25.72 1.19 -3.34	27.18 1.43 0.00	27.20 1.38 0.00	28.81 1.47 0.00	32.79 1.77 0.00	32.05 1.79 0.00	41.19 1.95 0.00	49.30 2.00 0.00	50.84 1.52 0.00	46.81 1.43 0.00	49.79 1.81 0.00	49.50 1.93 0.00	37.50 1.42 0.00
NYPA_VERNON____GT2 24162	30.22 1.16 0.00	27.99 1.04 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.32 0.79 0.00	27.43 0.85 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.26 1.14 0.00	19.90 1.10 0.00	21.77 1.27 -0.29	25.84 1.31 -3.34	27.30 1.55 0.00	27.33 1.51 0.00	28.92 1.58 0.00	32.90 1.89 0.00	32.18 1.91 0.00	41.30 2.07 0.00	49.30 2.01 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.58 1.50 0.00
NYPA_VERNON____GT3 24163	30.22 1.16 0.00	27.99 1.04 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.32 0.79 0.00	27.43 0.85 0.00	26.65 0.94 0.00	27.47 1.07 0.00	23.26 1.14 0.00	19.90 1.10 0.00	21.77 1.27 -0.29	25.84 1.31 -3.34	27.30 1.55 0.00	27.33 1.51 0.00	28.92 1.58 0.00	32.90 1.89 0.00	32.18 1.91 0.00	41.30 2.07 0.00	49.30 2.01 0.00	50.85 1.53 0.00	46.81 1.43 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.58 1.50 0.00
NYPA__ASTORIA_CC1 323568	30.17 1.11 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.27 0.75 0.00	27.39 0.81 0.00	26.62 0.90 0.00	27.43 1.03 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.14 1.88 0.00	41.25 2.01 0.00	49.22 1.92 0.00	50.78 1.46 0.00	46.74 1.36 0.00	49.75 1.76 0.00	49.46 1.88 0.00	37.52 1.43 0.00
NYPA__ASTORIA_CC2 323569	30.17 1.11 0.00	27.96 1.01 0.00	25.76 0.89 0.00	25.88 0.78 0.00	27.27 0.75 0.00	27.39 0.81 0.00	26.62 0.90 0.00	27.43 1.03 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.31 1.49 0.00	28.89 1.55 0.00	32.86 1.85 0.00	32.14 1.88 0.00	41.25 2.01 0.00	49.22 1.92 0.00	50.78 1.46 0.00	46.74 1.36 0.00	49.75 1.76 0.00	49.46 1.88 0.00	37.52 1.43 0.00
NYPA__HOLTSVILL 23794	30.93 1.86 0.00	28.50 1.55 0.00	26.23 1.36 0.00	26.34 1.23 0.00	27.79 1.27 0.00	27.89 1.32 0.00	27.07 1.36 0.00	27.90 1.50 0.00	23.57 1.45 0.00	20.13 1.33 0.00	22.07 1.58 -0.29	26.14 1.63 -3.33	27.68 1.93 0.00	27.73 1.91 0.00	29.45 2.11 0.00	33.38 2.36 0.00	32.45 2.19 0.00	41.87 2.62 -0.01	49.55 2.26 0.00	50.71 1.39 0.00	46.87 1.50 0.00	50.20 2.21 0.00	49.57 2.00 0.00	37.91 1.83 0.00

NYPA_____HELLGATE_GT1 24158	30.10 1.04 0.00	27.95 1.00 0.00	25.71 0.84 0.00	25.84 0.73 0.00	27.24 0.71 0.00	27.37 0.79 0.00	26.60 0.89 0.00	27.39 0.99 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.16 -0.29	25.73 1.20 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.77 1.76 0.00	32.07 1.81 0.00	41.22 1.99 0.00	49.16 1.86 0.00	50.74 1.41 0.00	46.75 1.37 0.00	49.72 1.74 0.00	49.42 1.85 0.00	37.47 1.39 0.00
NYPA_____HELLGATE_GT2 24159	30.10 1.04 0.00	27.95 1.00 0.00	25.71 0.84 0.00	25.84 0.73 0.00	27.24 0.71 0.00	27.37 0.79 0.00	26.60 0.89 0.00	27.39 0.99 0.00	23.21 1.09 0.00	19.80 1.00 0.00	21.65 1.16 -0.29	25.73 1.20 -3.34	27.19 1.44 0.00	27.28 1.46 0.00	28.83 1.49 0.00	32.77 1.76 0.00	32.07 1.81 0.00	41.22 1.99 0.00	49.16 1.86 0.00	50.74 1.41 0.00	46.75 1.37 0.00	49.72 1.74 0.00	49.42 1.85 0.00	37.47 1.39 0.00
NYS_BARGE___HYD 23848	27.01 -2.05 0.00	25.03 -1.92 0.00	23.10 -1.76 0.00	23.43 -1.67 0.00	24.67 -1.85 0.00	24.71 -1.87 0.00	23.88 -1.83 0.00	24.93 -1.47 0.00	21.03 -1.09 0.00	17.85 -0.95 0.00	19.28 -0.92 0.00	20.20 -0.98 0.00	24.46 -1.29 0.00	24.51 -1.31 0.00	26.09 -1.25 0.00	29.50 -1.51 0.00	28.36 -1.91 0.00	36.72 -2.51 0.00	44.57 -2.72 0.00	47.59 -1.73 0.00	43.13 -1.57 0.68	46.02 -1.96 0.00	46.07 -1.50 0.00	34.81 -1.28 0.00
OAK ORCHARD___HYD 24046	28.00 -1.06 0.00	25.95 -1.00 0.00	23.94 -0.93 0.00	24.21 -0.89 0.00	25.53 -1.00 0.00	25.57 -1.01 0.00	24.70 -1.02 0.00	25.55 -0.85 0.00	21.46 -0.65 0.00	18.22 -0.57 0.00	19.66 -0.54 0.00	20.64 -0.55 0.00	25.10 -0.65 0.00	25.17 -0.65 0.00	26.74 -0.59 0.00	30.32 -0.69 0.00	29.42 -0.84 0.00	38.21 -1.03 0.00	46.32 -0.98 0.00	48.97 -0.35 0.00	44.68 -0.33 0.37	47.35 -0.63 0.00	47.06 -0.51 0.00	35.55 -0.54 0.00
OAKDALE__35_KV_LOAD 356122	28.72 -0.34 0.00	26.61 -0.34 0.00	24.57 -0.29 0.00	24.86 -0.24 0.00	26.25 -0.28 0.00	26.31 -0.27 0.00	25.42 -0.29 0.00	26.18 -0.22 0.00	21.94 -0.17 0.00	18.66 -0.15 0.00	20.03 -0.18 0.00	21.01 -0.17 0.00	25.53 -0.22 0.00	25.56 -0.26 0.00	27.11 -0.23 0.00	30.73 -0.29 0.00	30.07 -0.20 0.00	39.06 -0.18 0.00	47.18 -0.11 0.00	49.28 -0.05 0.00	45.22 -0.15 0.00	47.76 -0.22 0.00	47.31 -0.26 0.00	35.86 -0.22 0.00
OCC_CHEM___DRP 24175	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
OH_GEN_PROXY 24063	26.91 -2.16 0.00	24.94 -2.01 0.00	23.03 -1.83 0.00	23.36 -1.74 0.00	24.60 -1.93 0.00	24.63 -1.95 0.00	23.43 -1.91 0.37	24.81 -1.59 0.00	20.98 -1.14 0.00	17.86 -0.94 0.00	19.29 -0.91 0.00	20.21 -0.97 0.00	24.49 -1.26 0.00	24.51 -1.31 0.00	26.07 -1.27 0.00	29.47 -1.54 0.00	28.34 -1.92 0.00	36.64 -2.59 0.00	41.73 -2.97 2.59	47.17 -2.15 0.00	40.69 -1.95 2.74	46.05 -2.31 -0.38	45.70 -1.87 0.00	34.55 -1.54 0.00
OLIN_CORP_DRP 24177	26.64 -2.42 0.00	24.69 -2.26 0.00	22.79 -2.08 0.00	23.13 -1.97 0.00	24.36 -2.17 0.00	24.39 -2.19 0.00	23.60 -2.11 0.00	24.61 -1.79 0.00	20.77 -1.34 0.00	17.68 -1.12 0.00	19.10 -1.10 0.00	20.01 -1.17 0.00	24.21 -1.54 0.00	24.24 -1.58 0.00	25.79 -1.55 0.00	29.17 -1.85 0.00	28.00 -2.26 0.00	36.21 -3.03 0.00	43.84 -3.45 0.00	46.78 -2.55 0.00	43.07 -2.31 0.00	45.28 -2.70 0.00	45.41 -2.16 0.00	34.34 -1.75 0.00
OLIN_CORP_DSASP 323712	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
ONEIDA_HERK_LFGE 323681	29.66 0.60 0.00	27.43 0.47 0.00	25.28 0.42 0.00	25.58 0.48 0.00	27.00 0.47 0.00	27.01 0.43 0.00	26.12 0.40 0.00	26.79 0.39 0.00	22.35 0.23 0.00	18.90 0.10 0.00	20.28 0.07 0.00	21.24 0.05 0.00	25.84 0.09 0.00	26.00 0.18 0.00	27.51 0.17 0.00	31.21 0.20 0.00	30.59 0.33 0.00	40.02 0.79 0.00	48.55 1.26 0.00	50.73 1.41 0.00	46.61 1.23 0.00	49.32 1.34 0.00	48.61 1.04 0.00	36.78 0.70 0.00
ONEIDA___115KV_TB4 55905	29.54 0.48 0.00	27.39 0.44 0.00	25.26 0.39 0.00	25.50 0.40 0.00	26.91 0.39 0.00	26.97 0.40 0.00	26.07 0.36 0.00	26.74 0.34 0.00	22.25 0.13 0.00	18.82 0.02 0.00	20.20 -0.01 0.00	21.19 0.00 0.00	25.80 0.05 0.00	25.96 0.14 0.00	27.44 0.10 0.00	31.20 0.19 0.00	30.64 0.38 0.00	39.94 0.70 0.00	48.44 1.15 0.00	50.69 1.37 0.00	46.60 1.22 0.00	49.16 1.18 0.00	48.58 1.01 0.00	36.77 0.68 0.00
ONONDAGA_REF_OCCRA 23987	28.71 -0.35 0.00	26.65 -0.30 0.00	24.58 -0.29 0.00	24.82 -0.28 0.00	26.21 -0.32 0.00	26.27 -0.31 0.00	25.36 -0.36 0.00	26.01 -0.39 0.00	21.74 -0.37 0.00	18.44 -0.36 0.00	19.83 -0.37 0.00	20.81 -0.37 0.00	25.34 -0.41 0.00	25.43 -0.39 0.00	26.94 -0.40 0.00	30.58 -0.43 0.00	29.92 -0.34 0.00	38.91 -0.33 0.00	47.02 -0.27 0.00	49.15 -0.18 0.00	45.17 -0.21 0.00	47.64 -0.34 0.00	47.14 -0.43 0.00	35.72 -0.36 0.00
ONONDAGA___COGEN 23986	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
ONTARIO___LFGE 23819	28.60 -0.46 0.00	26.48 -0.47 0.00	24.43 -0.43 0.00	24.72 -0.38 0.00	26.09 -0.44 0.00	26.17 -0.41 0.00	25.28 -0.43 0.00	26.05 -0.34 0.00	21.74 -0.38 0.00	18.37 -0.43 0.00	19.71 -0.49 0.00	20.69 -0.49 0.00	25.18 -0.57 0.00	25.24 -0.58 0.00	26.80 -0.54 0.00	30.40 -0.62 0.00	29.77 -0.49 0.00	38.92 -0.32 0.00	47.23 -0.06 0.00	49.88 0.55 0.00	45.74 0.37 0.00	47.99 0.01 0.00	47.49 -0.08 0.00	36.00 -0.09 0.00
ORANGEVILLE_WT_PWR 323706	27.58 -1.48 0.00	25.53 -1.42 0.00	23.56 -1.31 0.00	23.94 -1.16 0.00	25.26 -1.27 0.00	25.32 -1.26 0.00	24.45 -1.26 0.00	25.39 -1.01 0.00	21.24 -0.87 0.00	17.99 -0.80 0.00	19.39 -0.82 0.00	20.33 -0.86 0.00	24.63 -1.12 0.00	24.67 -1.15 0.00	26.24 -1.10 0.00	29.70 -1.31 0.00	28.82 -1.44 0.00	37.51 -1.72 0.00	45.65 -1.65 0.00	48.59 -0.74 0.00	44.38 -0.74 0.25	46.92 -1.06 0.00	46.72 -0.85 0.00	35.34 -0.74 0.00

ORANGEVILLE___ESR 323794	27.58 -1.48 0.00	25.53 -1.42 0.00	23.56 -1.31 0.00	23.94 -1.16 0.00	25.26 -1.27 0.00	25.32 -1.26 0.00	24.45 -1.26 0.00	25.39 -1.01 0.00	21.24 -0.87 0.00	17.99 -0.80 0.00	19.39 -0.82 0.00	20.33 -0.86 0.00	24.63 -1.12 0.00	24.67 -1.15 0.00	26.24 -1.10 0.00	29.70 -1.31 0.00	28.82 -1.44 0.00	37.51 -1.72 0.00	45.65 -1.65 0.00	48.59 -0.74 0.00	44.38 -0.74 0.25	46.92 -1.06 0.00	46.72 -0.85 0.00	35.34 -0.74 0.00
OSWEGATCHIE___HYD 24044	29.68 0.61 0.00	27.39 0.44 0.00	25.22 0.35 0.00	25.59 0.49 0.00	26.98 0.46 0.00	26.95 0.38 0.00	26.06 0.35 0.00	26.72 0.32 0.00	22.31 0.19 0.00	18.85 0.06 0.00	20.26 0.05 0.00	21.19 0.01 0.00	25.76 0.01 0.00	25.92 0.10 0.00	27.46 0.12 0.00	31.03 0.01 0.00	30.28 0.02 0.00	39.82 0.58 0.00	48.36 1.07 0.00	50.65 1.32 0.00	46.38 1.00 0.00	49.14 1.15 0.00	48.37 0.80 0.00	36.60 0.52 0.00
OSWEGO___5 23606	28.28 -0.79 0.00	26.25 -0.70 0.00	24.23 -0.64 0.00	24.48 -0.63 0.00	25.84 -0.68 0.00	25.88 -0.70 0.00	24.98 -0.73 0.00	25.62 -0.78 0.00	21.43 -0.68 0.00	18.20 -0.60 0.00	19.56 -0.65 0.00	20.52 -0.66 0.00	24.98 -0.77 0.00	25.06 -0.76 0.00	26.55 -0.79 0.00	30.09 -0.92 0.00	29.37 -0.89 0.00	38.12 -1.11 0.00	46.05 -1.24 0.00	48.13 -1.20 0.00	44.26 -1.12 0.00	46.74 -1.25 0.00	46.30 -1.27 0.00	35.12 -0.97 0.00
OSWEGO___6 23613	28.28 -0.79 0.00	26.25 -0.70 0.00	24.23 -0.64 0.00	24.48 -0.63 0.00	25.84 -0.68 0.00	25.88 -0.70 0.00	24.98 -0.73 0.00	25.62 -0.78 0.00	21.43 -0.68 0.00	18.20 -0.60 0.00	19.56 -0.65 0.00	20.52 -0.66 0.00	24.98 -0.77 0.00	25.06 -0.76 0.00	26.55 -0.79 0.00	30.09 -0.92 0.00	29.37 -0.89 0.00	38.12 -1.11 0.00	46.05 -1.24 0.00	48.13 -1.20 0.00	44.26 -1.12 0.00	46.74 -1.25 0.00	46.30 -1.27 0.00	35.12 -0.97 0.00
OUTOKUMPU-AB___DRP 24206	27.18 -1.88 0.00	25.18 -1.77 0.00	23.24 -1.63 0.00	23.58 -1.53 0.00	24.83 -1.70 0.00	24.87 -1.71 0.00	24.04 -1.67 0.00	25.11 -1.30 0.00	21.20 -0.92 0.00	18.04 -0.76 0.00	19.48 -0.72 0.00	20.43 -0.75 0.00	24.75 -1.00 0.00	24.81 -1.01 0.00	26.42 -0.92 0.00	29.87 -1.14 0.00	28.70 -1.56 0.00	37.12 -2.12 0.00	45.01 -2.29 0.00	48.00 -1.33 0.00	44.15 -1.23 0.00	46.37 -1.61 0.00	46.40 -1.17 0.00	35.04 -1.04 0.00
OXBOW___BTM 323836	26.88 -2.18 0.00	24.90 -2.05 0.00	22.99 -1.87 0.00	23.31 -1.79 0.00	24.56 -1.97 0.00	24.59 -1.99 0.00	23.75 -1.96 0.00	24.86 -1.55 0.00	21.03 -1.09 0.00	17.89 -0.91 0.00	19.33 -0.87 0.00	20.27 -0.92 0.00	24.55 -1.20 0.00	24.60 -1.22 0.00	26.18 -1.16 0.00	29.59 -1.42 0.00	28.36 -1.90 0.00	36.66 -2.58 0.00	44.40 -2.90 0.00	47.34 -1.99 0.00	42.80 -1.82 0.76	45.78 -2.20 0.00	45.85 -1.72 0.00	34.65 -1.43 0.00
OXBOW___ 24026	26.88 -2.18 0.00	24.90 -2.05 0.00	22.99 -1.88 0.00	23.32 -1.78 0.00	24.56 -1.97 0.00	24.59 -1.99 0.00	23.78 -1.93 0.00	24.85 -1.55 0.00	21.02 -1.10 0.00	17.89 -0.91 0.00	19.33 -0.87 0.00	20.27 -0.91 0.00	24.55 -1.20 0.00	24.60 -1.22 0.00	26.18 -1.16 0.00	29.59 -1.42 0.00	28.36 -1.90 0.00	36.66 -2.58 0.00	44.40 -2.90 0.00	47.34 -1.99 0.00	43.56 -1.82 0.00	45.78 -2.20 0.00	45.85 -1.72 0.00	34.66 -1.43 0.00
OXY_CHEM_DSASP 323612	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
OZONE_PARK_ESR 323760	30.48 1.42 0.00	28.21 1.26 0.00	25.98 1.12 0.00	26.11 1.01 0.00	27.52 0.99 0.00	27.62 1.04 0.00	26.82 1.11 0.00	27.66 1.26 0.00	23.41 1.30 0.00	20.03 1.23 0.00	21.92 1.42 -0.29	26.00 1.47 -3.34	27.50 1.75 0.00	27.52 1.70 0.00	29.16 1.82 0.00	33.16 2.14 0.00	32.43 2.17 0.00	41.70 2.46 0.00	49.86 2.56 0.00	51.42 2.10 0.00	47.32 1.94 0.00	50.40 2.41 0.00	50.07 2.50 0.00	37.96 1.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.65 -2.42 0.00	24.70 -2.25 0.00	22.80 -2.07 0.00	23.13 -1.97 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.58 -2.13 0.00	24.67 -1.73 0.00	20.90 -1.22 0.00	17.80 -1.00 0.00	19.24 -0.97 0.00	20.16 -1.02 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.01 0.00	43.82 -3.47 0.00	46.72 -2.61 0.00	43.02 -2.36 0.00	45.25 -2.74 0.00	45.38 -2.19 0.00	34.34 -1.75 0.00
PACKARD___115KV_DUPONT_184 80571	26.65 -2.42 0.00	24.69 -2.26 0.00	22.81 -2.06 0.00	23.13 -1.98 0.00	24.35 -2.17 0.00	24.38 -2.20 0.00	23.56 -2.16 0.00	24.67 -1.73 0.00	20.91 -1.21 0.00	17.80 -1.00 0.00	19.24 -0.96 0.00	20.16 -1.03 0.00	24.41 -1.34 0.00	24.44 -1.38 0.00	25.99 -1.35 0.00	29.38 -1.64 0.00	28.07 -2.19 0.00	36.23 -3.00 0.00	43.82 -3.47 0.00	46.71 -2.61 0.00	42.25 -2.36 0.77	45.24 -2.75 0.00	45.37 -2.20 0.00	34.33 -1.75 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.16 1.10 0.00	27.98 1.03 0.00	25.74 0.87 0.00	25.86 0.76 0.00	27.27 0.75 0.00	27.40 0.82 0.00	26.62 0.90 0.00	27.42 1.02 0.00	23.22 1.10 0.00	19.81 1.01 0.00	21.67 1.18 -0.29	25.74 1.21 -3.34	27.19 1.44 0.00	27.25 1.43 0.00	28.84 1.50 0.00	32.79 1.77 0.00	32.07 1.81 0.00	41.24 2.00 0.00	49.26 1.96 0.00	50.91 1.58 0.00	46.88 1.50 0.00	49.85 1.87 0.00	49.53 1.96 0.00	37.52 1.43 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.71 1.65 0.00	28.47 1.52 0.00	26.20 1.34 0.00	26.32 1.22 0.00	27.77 1.24 0.00	27.89 1.31 0.00	27.08 1.36 0.00	27.87 1.47 0.00	23.59 1.47 0.00	20.11 1.31 0.00	21.99 1.49 -0.29	26.06 1.53 -3.34	27.61 1.86 0.00	27.70 1.88 0.00	29.30 1.96 0.00	33.31 2.29 0.00	32.59 2.33 0.00	41.92 2.68 0.00	50.08 2.79 0.00	51.78 2.45 0.00	47.73 2.35 0.00	50.79 2.80 0.00	50.41 2.84 0.00	38.23 2.14 0.00
PATROON___115KV_TB1 80586	29.46 0.39 0.00	27.31 0.36 0.00	25.21 0.34 0.00	25.40 0.30 0.00	26.85 0.32 0.00	26.95 0.37 0.00	26.14 0.43 0.00	26.82 0.42 0.00	22.43 0.31 0.00	19.05 0.25 0.00	20.47 0.23 -0.04	21.85 0.25 -0.42	26.07 0.32 0.00	26.18 0.36 0.00	27.66 0.32 0.00	31.43 0.41 0.00	30.67 0.41 0.00	39.68 0.44 0.00	47.79 0.50 0.00	49.69 0.36 0.00	45.87 0.49 0.00	48.53 0.55 0.00	48.14 0.57 0.00	36.65 0.56 0.00
PATTRSNVILLE___SOLAR 323815	29.80 0.74 0.00	27.61 0.66 0.00	25.46 0.59 0.00	25.70 0.59 0.00	27.16 0.64 0.00	27.25 0.67 0.00	26.38 0.67 0.00	27.00 0.60 0.00	22.39 0.27 0.00	18.92 0.12 0.00	20.27 0.06 0.00	21.23 0.05 0.00	25.83 0.08 0.00	25.94 0.12 0.00	27.45 0.11 0.00	31.19 0.18 0.00	30.49 0.23 0.00	39.81 0.57 0.00	48.36 1.07 0.00	50.63 1.30 0.00	46.69 1.31 0.00	49.32 1.34 0.00	48.89 1.32 0.00	37.04 0.95 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.47 -1.60 0.00	25.43 -1.52 0.00	23.47 -1.39 0.00	23.82 -1.29 0.00	25.07 -1.46 0.00	25.11 -1.46 0.00	24.27 -1.44 0.00	25.27 -1.13 0.00	21.30 -0.81 0.00	18.13 -0.67 0.00	19.59 -0.61 0.00	20.55 -0.63 0.00	24.92 -0.83 0.00	24.97 -0.85 0.00	26.62 -0.72 0.00	30.14 -0.88 0.00	29.08 -1.19 0.00	37.68 -1.55 0.00	45.67 -1.63 0.00	48.60 -0.73 0.00	44.74 -0.64 0.00	46.93 -1.06 0.00	46.81 -0.76 0.00	35.35 -0.74 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.23 1.17 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.91 0.81 0.00	27.34 0.82 0.00	27.45 0.87 0.00	26.64 0.93 0.00	27.46 1.06 0.00	23.17 1.05 0.00	19.78 0.98 0.00	21.40 1.12 -0.07	23.16 1.16 -0.82	27.12 1.38 0.00	27.18 1.36 0.00	28.81 1.47 0.00	32.79 1.77 0.00	32.12 1.86 0.00	41.44 2.20 0.00	49.67 2.38 0.00	51.35 2.03 0.00	47.22 1.85 0.00	50.06 2.07 0.00	49.60 2.03 0.00	37.57 1.49 0.00
PEEKSKILL____ 23653	29.99 0.93 0.00	27.77 0.82 0.00	25.58 0.71 0.00	25.73 0.63 0.00	27.15 0.63 0.00	27.24 0.66 0.00	26.46 0.75 0.00	27.27 0.87 0.00	23.03 0.91 0.00	19.68 0.88 0.00	21.54 1.02 -0.32	25.90 1.04 -3.68	26.98 1.23 0.00	27.03 1.21 0.00	28.64 1.30 0.00	32.56 1.55 0.00	31.85 1.59 0.00	41.02 1.79 0.00	49.15 1.85 0.00	50.76 1.43 0.00	46.66 1.28 0.00	49.56 1.58 0.00	49.18 1.61 0.00	37.28 1.19 0.00
PGE MADISON____WINDPWR 24146	30.38 1.32 0.00	28.12 1.17 0.00	25.92 1.05 0.00	26.29 1.18 0.00	27.74 1.21 0.00	27.86 1.28 0.00	26.84 1.13 0.00	27.41 1.01 0.00	22.77 0.65 0.00	19.13 0.33 0.00	20.23 0.03 0.00	21.32 0.13 0.00	25.91 0.16 0.00	26.17 0.35 0.00	27.80 0.46 0.00	31.65 0.64 0.00	31.33 1.07 0.00	40.86 1.62 0.00	50.35 3.06 0.00	53.07 3.75 0.00	48.95 3.57 0.00	51.55 3.57 0.00	50.80 3.23 0.00	38.28 2.20 0.00
PIERCEFIELD____HYD 23852	29.52 0.46 0.00	27.32 0.37 0.00	25.16 0.29 0.00	25.49 0.39 0.00	26.86 0.34 0.00	26.88 0.30 0.00	26.02 0.31 0.00	26.67 0.27 0.00	22.34 0.23 0.00	18.93 0.12 0.00	20.40 0.19 0.00	21.36 0.18 0.00	25.95 0.20 0.00	26.04 0.21 0.00	27.60 0.26 0.00	31.17 0.15 0.00	30.35 0.09 0.00	39.59 0.36 0.00	47.84 0.55 0.00	50.16 0.83 0.00	45.87 0.49 0.00	48.50 0.51 0.00	47.96 0.39 0.00	36.35 0.27 0.00
PINELAWN_CC_1 323563	30.83 1.77 0.00	28.45 1.50 0.00	26.17 1.30 0.00	26.27 1.17 0.00	27.73 1.20 0.00	27.83 1.25 0.00	27.01 1.29 0.00	27.83 1.43 0.00	23.51 1.40 0.00	20.06 1.26 0.00	21.98 1.49 -0.29	26.03 1.52 -3.33	27.54 1.79 0.00	27.63 1.81 0.00	29.33 1.99 0.00	33.31 2.29 0.00	32.47 2.21 0.00	41.90 2.65 -0.01	49.75 2.46 0.00	51.04 1.72 0.00	47.17 1.79 0.00	50.44 2.45 0.00	49.87 2.30 0.00	38.03 1.94 0.00
PJM_GEN_HTP_PROXY 323702	30.13 1.07 0.00	27.91 0.96 0.00	25.71 0.84 0.00	25.84 0.74 0.00	27.25 0.72 0.00	27.35 0.77 0.00	26.57 0.86 0.00	27.39 0.99 0.00	23.17 1.05 0.00	19.81 1.02 0.00	21.68 1.18 -0.29	25.75 1.22 -3.35	27.20 1.45 0.00	27.22 1.40 0.00	28.83 1.50 0.00	32.79 1.78 0.00	32.07 1.81 0.00	41.24 2.00 0.00	49.31 2.02 0.00	50.86 1.53 0.00	46.14 1.40 0.63	49.77 1.79 0.00	48.40 1.85 1.03	37.49 1.40 0.00
PJM_GEN_KEystone 24065	22.28 -0.40 6.38	10.92 -0.39 15.64	16.40 -0.37 8.11	17.38 -0.35 7.37	21.15 -0.42 4.96	19.30 -0.40 6.88	12.84 -0.37 12.50	9.81 -0.17 16.42	9.04 0.02 13.09	18.88 0.08 0.00	19.93 0.14 0.42	6.56 0.13 14.76	19.21 0.10 6.64	25.83 0.05 0.04	27.46 0.12 0.00	31.13 0.11 0.00	30.36 0.10 0.00	39.11 -0.01 0.12	47.29 0.00 0.00	57.74 -0.10 -8.51	33.01 -0.24 12.13	27.24 -0.20 20.54	23.29 -0.14 24.15	19.31 -0.14 16.64
PJM_GEN_NEPTUNE_PROXY 323594	30.42 1.36 0.00	28.10 1.15 0.00	25.87 1.00 0.00	25.99 0.88 0.00	27.42 0.90 0.00	27.52 0.94 0.00	26.71 1.00 0.00	27.52 1.11 0.00	23.26 1.14 0.00	19.87 1.07 0.00	21.78 1.29 -0.29	25.83 1.32 -3.33	27.31 1.56 0.00	27.38 1.56 0.00	29.03 1.69 0.00	32.97 1.95 0.00	32.14 1.88 0.00	41.39 2.14 -0.01	49.20 1.91 0.00	50.55 1.22 0.00	46.04 1.29 0.63	49.85 1.87 0.00	48.30 1.75 1.03	37.57 1.49 0.00
PJM_GEN_VFT_PROXY 323633	30.04 0.97 0.00	27.84 0.89 0.00	25.65 0.78 0.00	25.79 0.69 0.00	27.20 0.67 0.00	27.30 0.72 0.00	26.52 0.80 0.00	27.33 0.93 0.00	23.12 1.01 0.00	19.77 0.97 0.00	21.63 1.13 -0.29	25.70 1.17 -3.34	27.14 1.39 0.00	27.17 1.35 0.00	28.77 1.43 0.00	32.71 1.69 0.00	31.98 1.72 0.00	41.12 1.88 0.00	49.26 1.96 0.00	50.79 1.46 0.00	46.06 1.32 0.63	49.70 1.71 0.00	48.31 1.77 1.03	37.41 1.32 0.00
PLATSBURG_115KV_PMLD1 355749	29.50 0.44 0.00	27.31 0.36 0.00	25.26 0.39 0.00	25.48 0.38 0.00	26.96 0.44 0.00	26.99 0.41 0.00	26.11 0.39 0.00	26.79 0.38 0.00	22.41 0.29 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.30 0.00	26.08 0.33 0.00	26.12 0.30 0.00	27.65 0.32 0.00	31.40 0.39 0.00	30.74 0.47 0.00	39.98 0.75 0.00	48.13 0.84 0.00	50.22 0.89 0.00	46.00 0.62 0.00	48.55 0.56 0.00	48.09 0.52 0.00	36.51 0.42 0.00
PLEASANTVLY____LBMP 24000	29.90 0.83 0.00	27.69 0.73 0.00	25.51 0.65 0.00	25.66 0.56 0.00	27.08 0.55 0.00	27.18 0.60 0.00	26.38 0.67 0.00	27.17 0.77 0.00	22.91 0.80 0.00	19.56 0.76 0.00	21.18 0.88 -0.10	23.17 0.89 -1.09	26.80 1.05 0.00	26.84 1.02 0.00	28.42 1.08 0.00	32.33 1.31 0.00	31.62 1.36 0.00	40.73 1.49 0.00	48.82 1.52 0.00	50.51 1.18 0.00	46.50 1.12 0.00	49.33 1.35 0.00	48.93 1.36 0.00	37.12 1.03 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.16 1.09 0.00	27.92 0.97 0.00	25.72 0.85 0.00	25.86 0.76 0.00	27.26 0.73 0.00	27.38 0.80 0.00	26.57 0.86 0.00	27.38 0.98 0.00	23.14 1.02 0.00	19.77 0.97 0.00	21.54 1.12 -0.21	24.77 1.15 -2.43	27.12 1.37 0.00	27.17 1.35 0.00	28.77 1.43 0.00	32.73 1.72 0.00	32.03 1.77 0.00	41.23 1.99 0.00	49.37 2.08 0.00	51.00 1.68 0.00	46.92 1.54 0.00	49.85 1.87 0.00	49.44 1.87 0.00	37.46 1.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.16 1.09 0.00	27.92 0.97 0.00	25.72 0.85 0.00	25.86 0.76 0.00	27.26 0.73 0.00	27.38 0.80 0.00	26.57 0.86 0.00	27.38 0.98 0.00	23.14 1.02 0.00	19.77 0.97 0.00	21.54 1.12 -0.21	24.77 1.15 -2.43	27.12 1.37 0.00	27.17 1.35 0.00	28.77 1.43 0.00	32.73 1.72 0.00	32.03 1.77 0.00	41.23 1.99 0.00	49.37 2.08 0.00	51.00 1.68 0.00	46.92 1.54 0.00	49.85 1.87 0.00	49.44 1.87 0.00	37.46 1.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.11 1.05 0.00	27.87 0.92 0.00	25.68 0.82 0.00	25.83 0.73 0.00	27.26 0.74 0.00	27.37 0.79 0.00	26.57 0.85 0.00	27.36 0.96 0.00	23.04 0.93 0.00	19.64 0.84 0.00	21.15 0.95 0.00	22.15 0.96 0.00	26.89 1.14 0.00	26.95 1.13 0.00	28.55 1.21 0.00	32.50 1.49 0.00	31.83 1.57 0.00	41.10 1.86 0.00	49.34 2.05 0.00	51.09 1.76 0.00	47.04 1.66 0.00	49.82 1.84 0.00	49.38 1.81 0.00	37.41 1.33 0.00

POLETTI____ 23519	30.19 1.12 0.00	27.96 1.01 0.00	25.77 0.90 0.00	25.90 0.79 0.00	27.31 0.78 0.00	27.40 0.82 0.00	26.61 0.89 0.00	27.44 1.04 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.26 1.51 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.84 1.83 0.00	32.11 1.85 0.00	41.22 1.99 0.00	49.25 1.96 0.00	50.78 1.46 0.00	46.73 1.35 0.00	49.81 1.83 0.00	49.52 1.95 0.00	37.56 1.47 0.00
POMONA____ESR 323819	29.98 0.92 0.00	27.77 0.82 0.00	25.57 0.71 0.00	25.74 0.63 0.00	27.17 0.65 0.00	27.26 0.68 0.00	26.46 0.75 0.00	27.28 0.88 0.00	23.04 0.92 0.00	19.69 0.89 0.00	20.81 1.03 0.42	17.38 1.05 4.86	27.00 1.25 0.00	27.05 1.23 0.00	28.68 1.34 0.00	32.62 1.61 0.00	31.90 1.64 0.00	41.11 1.87 0.00	49.30 2.00 0.00	50.91 1.58 0.00	46.75 1.37 0.00	49.62 1.64 0.00	49.22 1.65 0.00	37.30 1.21 0.00
PORT_JEFF_3 23555	30.95 1.89 0.00	28.53 1.58 0.00	26.25 1.38 0.00	26.35 1.25 0.00	27.81 1.28 0.00	27.91 1.33 0.00	27.08 1.37 0.00	27.92 1.52 0.00	23.59 1.48 0.00	20.15 1.34 0.00	22.09 1.60 -0.29	26.16 1.65 -3.33	27.71 1.96 0.00	27.77 1.95 0.00	29.50 2.15 0.00	33.44 2.43 0.00	32.53 2.26 0.00	41.91 2.66 -0.01	49.54 2.25 0.00	50.70 1.37 0.00	46.89 1.52 0.00	50.26 2.28 0.00	49.64 2.07 0.00	37.95 1.86 0.00
PORT_JEFF_4 23616	30.95 1.89 0.00	28.53 1.58 0.00	26.25 1.38 0.00	26.35 1.25 0.00	27.81 1.28 0.00	27.91 1.33 0.00	27.08 1.37 0.00	27.92 1.52 0.00	23.59 1.48 0.00	20.15 1.34 0.00	22.09 1.60 -0.29	26.16 1.65 -3.33	27.71 1.96 0.00	27.77 1.95 0.00	29.50 2.15 0.00	33.44 2.43 0.00	32.53 2.26 0.00	41.91 2.66 -0.01	49.54 2.25 0.00	50.70 1.37 0.00	46.89 1.52 0.00	50.26 2.28 0.00	49.64 2.07 0.00	37.95 1.86 0.00
PORT_JEFF_IC 23713	31.00 1.94 0.00	28.56 1.61 0.00	26.28 1.42 0.00	26.38 1.27 0.00	27.84 1.31 0.00	27.94 1.36 0.00	27.11 1.40 0.00	27.96 1.56 0.00	23.62 1.50 0.00	20.17 1.37 0.00	22.13 1.63 -0.29	26.19 1.68 -3.33	27.76 2.01 0.00	27.82 2.00 0.00	29.56 2.22 0.00	33.52 2.50 0.00	32.60 2.34 0.00	42.04 2.79 -0.01	49.70 2.40 0.00	50.86 1.54 0.00	47.00 1.63 0.00	50.34 2.36 0.00	49.70 2.13 0.00	38.01 1.92 0.00
PPL PILGRIM_ST_GT1 24216	31.03 1.96 0.00	28.61 1.66 0.00	26.33 1.46 0.00	26.43 1.33 0.00	27.90 1.37 0.00	28.00 1.42 0.00	27.18 1.46 0.00	28.01 1.61 0.00	23.67 1.55 0.00	20.18 1.39 0.00	22.12 1.62 -0.29	26.19 1.68 -3.33	27.73 1.98 0.00	27.82 2.00 0.00	29.56 2.22 0.00	33.55 2.53 0.00	32.67 2.40 0.00	42.12 2.88 -0.01	49.90 2.60 0.00	50.87 1.54 0.00	47.21 1.83 0.00	50.63 2.64 0.00	50.01 2.44 0.00	38.19 2.10 0.00
PPL PILGRIM_ST_GT2 24217	31.03 1.96 0.00	28.61 1.66 0.00	26.33 1.46 0.00	26.43 1.33 0.00	27.90 1.37 0.00	28.00 1.42 0.00	27.18 1.46 0.00	28.01 1.61 0.00	23.67 1.55 0.00	20.18 1.39 0.00	22.12 1.62 -0.29	26.19 1.68 -3.33	27.73 1.98 0.00	27.82 2.00 0.00	29.56 2.22 0.00	33.55 2.53 0.00	32.67 2.40 0.00	42.12 2.88 -0.01	49.90 2.60 0.00	50.87 1.54 0.00	47.21 1.83 0.00	50.63 2.64 0.00	50.01 2.44 0.00	38.19 2.10 0.00
PPL_SHRM_GT3 24213	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.55 0.00	26.53 1.42 0.00	27.99 1.46 0.00	28.09 1.51 0.00	27.26 1.55 0.00	28.10 1.70 0.00	23.72 1.60 0.00	20.26 1.46 0.00	22.25 1.75 -0.29	26.33 1.82 -3.33	27.92 2.17 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.42 2.40 0.00	32.37 2.11 0.00	41.90 2.66 -0.01	49.48 2.18 0.00	50.54 1.22 0.00	46.68 1.30 0.00	49.95 1.97 0.00	49.22 1.65 0.00	37.84 1.75 0.00
PPL_SHRM_GT4 24214	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.55 0.00	26.53 1.42 0.00	27.99 1.46 0.00	28.09 1.51 0.00	27.26 1.55 0.00	28.10 1.70 0.00	23.72 1.60 0.00	20.26 1.46 0.00	22.25 1.75 -0.29	26.33 1.82 -3.33	27.92 2.17 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.42 2.40 0.00	32.37 2.11 0.00	41.90 2.66 -0.01	49.48 2.18 0.00	50.54 1.22 0.00	46.68 1.30 0.00	49.95 1.97 0.00	49.22 1.65 0.00	37.84 1.75 0.00
PROJECT____ORANGE 1 24174	28.57 -0.50 0.00	26.51 -0.44 0.00	24.45 -0.41 0.00	24.70 -0.40 0.00	26.08 -0.44 0.00	26.12 -0.45 0.00	25.22 -0.49 0.00	25.87 -0.53 0.00	21.63 -0.48 0.00	18.37 -0.43 0.00	19.75 -0.45 0.00	20.74 -0.45 0.00	25.25 -0.49 0.00	25.33 -0.49 0.00	26.85 -0.49 0.00	30.46 -0.56 0.00	29.78 -0.48 0.00	38.68 -0.55 0.00	46.72 -0.57 0.00	48.82 -0.51 0.00	44.89 -0.49 0.00	47.35 -0.64 0.00	46.87 -0.70 0.00	35.53 -0.56 0.00
PROJECT____ORANGE 2 24166	28.57 -0.50 0.00	26.51 -0.44 0.00	24.45 -0.41 0.00	24.70 -0.40 0.00	26.08 -0.44 0.00	26.12 -0.45 0.00	25.22 -0.49 0.00	25.87 -0.53 0.00	21.63 -0.48 0.00	18.37 -0.43 0.00	19.75 -0.45 0.00	20.74 -0.45 0.00	25.25 -0.49 0.00	25.33 -0.49 0.00	26.85 -0.49 0.00	30.46 -0.56 0.00	29.78 -0.48 0.00	38.68 -0.55 0.00	46.72 -0.57 0.00	48.82 -0.51 0.00	44.89 -0.49 0.00	47.35 -0.64 0.00	46.87 -0.70 0.00	35.53 -0.56 0.00
PUCKETT____SOLAR 323809	29.10 0.04 0.00	26.93 -0.02 0.00	24.84 -0.03 0.00	25.17 0.07 0.00	26.59 0.07 0.00	26.68 0.10 0.00	25.77 0.05 0.00	26.44 0.04 0.00	22.12 0.00 0.00	18.73 -0.07 0.00	19.97 -0.24 0.00	20.93 -0.26 0.00	25.50 -0.24 0.00	25.54 -0.27 0.00	27.12 -0.21 0.00	30.80 -0.22 0.00	30.16 -0.11 0.00	39.39 0.16 0.00	47.82 0.53 0.00	50.17 0.85 0.00	46.33 0.71 -0.24	48.63 0.64 0.00	48.10 0.53 0.00	36.41 0.33 0.00
PYRITES____HYD 24023	30.10 1.04 0.00	27.86 0.91 0.00	25.67 0.80 0.00	26.01 0.90 0.00	27.42 0.90 0.00	27.46 0.89 0.00	26.62 0.90 0.00	27.20 0.80 0.00	22.66 0.54 0.00	19.09 0.29 0.00	20.57 0.37 0.00	21.55 0.37 0.00	26.18 0.43 0.00	26.30 0.48 0.00	27.84 0.50 0.00	31.48 0.47 0.00	30.65 0.39 0.00	40.09 0.85 0.00	48.70 1.41 0.00	51.36 2.03 0.00	46.84 1.46 0.00	49.43 1.45 0.00	48.89 1.32 0.00	37.02 0.94 0.00
QUAKERRD_115KV_BK1 80622	27.53 -1.53 0.00	25.52 -1.43 0.00	23.54 -1.33 0.00	23.81 -1.30 0.00	25.11 -1.42 0.00	25.15 -1.43 0.00	24.31 -1.41 0.00	25.08 -1.32 0.00	21.05 -1.06 0.00	17.88 -0.92 0.00	19.27 -0.93 0.00	20.24 -0.95 0.00	24.61 -1.14 0.00	24.68 -1.14 0.00	26.21 -1.12 0.00	29.72 -1.29 0.00	28.90 -1.37 0.00	37.52 -1.72 0.00	45.42 -1.88 0.00	47.89 -1.43 0.00	44.04 -1.33 0.00	46.32 -1.66 0.00	46.00 -1.57 0.00	34.78 -1.31 0.00
QUENSBRY_115KV_TB8 356137	30.28 1.22 0.00	28.06 1.11 0.00	25.92 1.05 0.00	26.08 0.97 0.00	27.54 1.01 0.00	27.67 1.09 0.00	26.89 1.18 0.00	27.58 1.18 0.00	22.85 0.73 0.00	19.18 0.38 0.00	20.30 0.09 0.00	21.22 0.04 0.00	25.91 0.16 0.00	25.97 0.14 0.00	27.46 0.12 0.00	31.27 0.26 0.00	30.75 0.49 0.00	40.40 1.17 0.00	49.51 2.22 0.00	51.62 2.29 0.00	47.84 2.46 0.00	50.32 2.33 0.00	49.82 2.24 0.00	37.72 1.63 0.00

RAMAPO____LBMP 323565	29.85 0.79 0.00	27.65 -0.70 0.00	25.47 0.60 0.00	25.63 0.52 0.00	27.06 0.54 0.00	27.15 0.57 0.00	26.35 0.63 0.00	27.17 0.77 0.00	22.94 0.82 0.00	19.59 0.79 0.00	20.73 0.92 0.39	17.62 0.94 4.51	26.85 1.10 0.00	26.90 1.08 0.00	28.52 1.18 0.00	32.42 1.41 0.00	31.70 1.44 0.00	40.84 1.61 0.00	49.03 1.73 0.00	50.64 1.31 0.00	46.52 1.14 0.00	49.37 1.39 0.00	48.98 1.41 0.00	37.12 1.03 0.00
RANKINE____ 23646	27.42 -1.65 0.00	25.39 -1.57 0.00	23.43 -1.44 0.00	23.79 -1.32 0.00	25.05 -1.47 0.00	25.09 -1.48 0.00	24.25 -1.47 0.00	25.26 -1.15 0.00	21.30 -0.82 0.00	18.12 -0.68 0.00	19.57 -0.63 0.00	20.53 -0.65 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.55 -0.79 0.00	30.03 -0.99 0.00	28.97 -1.29 0.00	37.55 -1.69 0.00	45.52 -1.77 0.00	48.45 -0.88 0.00	44.56 -0.82 0.00	46.80 -1.19 0.00	46.72 -0.85 0.00	35.28 -0.80 0.00
RAVENSWOOD_GT2_1 24244	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.12 1.86 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT2_2 24245	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.12 1.86 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT2_3 24246	30.21 1.15 0.00	27.98 1.03 0.00	25.78 0.91 0.00	25.91 0.80 0.00	27.32 0.80 0.00	27.41 0.84 0.00	26.63 0.91 0.00	27.45 1.05 0.00	23.24 1.13 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.82 1.29 -3.34	27.28 1.53 0.00	27.30 1.48 0.00	28.91 1.57 0.00	32.87 1.86 0.00	32.14 1.88 0.00	41.27 2.04 0.00	49.33 2.03 0.00	50.88 1.55 0.00	46.79 1.41 0.00	49.86 1.88 0.00	49.57 2.00 0.00	37.59 1.51 0.00
RAVENSWOOD_GT2_4 24247	30.21 1.15 0.00	27.98 1.03 0.00	25.78 0.91 0.00	25.91 0.80 0.00	27.32 0.80 0.00	27.41 0.84 0.00	26.63 0.91 0.00	27.45 1.05 0.00	23.24 1.13 0.00	19.88 1.08 0.00	21.75 1.25 -0.29	25.82 1.29 -3.34	27.28 1.53 0.00	27.30 1.48 0.00	28.91 1.57 0.00	32.87 1.86 0.00	32.14 1.88 0.00	41.27 2.04 0.00	49.33 2.03 0.00	50.88 1.55 0.00	46.79 1.41 0.00	49.86 1.88 0.00	49.57 2.00 0.00	37.59 1.51 0.00
RAVENSWOOD_GT3_1 24248	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT3_2 24249	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT3_3 24250	30.24 1.18 0.00	28.00 1.06 0.00	25.81 0.94 0.00	25.94 0.83 0.00	27.35 0.82 0.00	27.44 0.87 0.00	26.65 0.94 0.00	27.49 1.09 0.00	23.27 1.15 0.00	19.90 1.10 0.00	21.78 1.28 -0.29	25.84 1.31 -3.34	27.31 1.56 0.00	27.33 1.51 0.00	28.94 1.61 0.00	32.91 1.90 0.00	32.18 1.92 0.00	41.34 2.10 0.00	49.39 2.10 0.00	50.94 1.61 0.00	46.87 1.49 0.00	49.93 1.95 0.00	49.63 2.06 0.00	37.63 1.55 0.00
RAVENSWOOD_GT3_4 24251	30.24 1.18 0.00	28.00 1.06 0.00	25.81 0.94 0.00	25.94 0.83 0.00	27.35 0.82 0.00	27.44 0.87 0.00	26.65 0.94 0.00	27.49 1.09 0.00	23.27 1.15 0.00	19.90 1.10 0.00	21.78 1.28 -0.29	25.84 1.31 -3.34	27.31 1.56 0.00	27.33 1.51 0.00	28.94 1.61 0.00	32.91 1.90 0.00	32.18 1.92 0.00	41.34 2.10 0.00	49.39 2.10 0.00	50.94 1.61 0.00	46.87 1.49 0.00	49.93 1.95 0.00	49.63 2.06 0.00	37.63 1.55 0.00
RAVENSWOOD_GT_1 23729	30.22 1.16 0.00	27.99 1.04 0.00	25.79 0.92 0.00	25.92 0.81 0.00	27.33 0.80 0.00	27.43 0.85 0.00	26.65 0.93 0.00	27.46 1.06 0.00	23.26 1.15 0.00	19.90 1.10 0.00	21.77 1.27 -0.29	25.83 1.30 -3.34	27.30 1.55 0.00	27.33 1.51 0.00	28.93 1.59 0.00	32.90 1.89 0.00	32.18 1.91 0.00	41.31 2.07 0.00	49.30 2.01 0.00	50.86 1.53 0.00	46.81 1.43 0.00	49.82 1.83 0.00	49.53 1.96 0.00	37.58 1.49 0.00
RAVENSWOOD_GT_10 24258	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT_11 24259	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT_4 24252	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.79 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.74 1.24 -0.29	25.80 1.28 -3.34	27.27 1.52 0.00	27.29 1.47 0.00	28.90 1.56 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.29 2.00 0.00	50.84 1.51 0.00	46.77 1.39 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.56 1.47 0.00
RAVENSWOOD_GT_5 24254	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.79 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.74 1.24 -0.29	25.80 1.28 -3.34	27.27 1.52 0.00	27.29 1.47 0.00	28.90 1.56 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.29 2.00 0.00	50.84 1.51 0.00	46.77 1.39 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.56 1.47 0.00

RAVENSWOOD_GT_6 24253	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.79 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.74 1.24 -0.29	25.80 1.28 -3.34	27.27 1.52 0.00	27.29 1.47 0.00	28.90 1.56 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.29 2.00 0.00	50.84 1.51 0.00	46.77 1.39 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.56 1.47 0.00
RAVENSWOOD_GT_7 24255	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.79 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.24 1.12 0.00	19.88 1.08 0.00	21.74 1.24 -0.29	25.80 1.28 -3.34	27.27 1.52 0.00	27.29 1.47 0.00	28.90 1.56 0.00	32.86 1.85 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.29 2.00 0.00	50.84 1.51 0.00	46.77 1.39 0.00	49.82 1.84 0.00	49.53 1.96 0.00	37.56 1.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD_GT_9 24257	30.20 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.90 0.00	27.44 1.04 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.80 1.27 -3.34	27.27 1.52 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD___1 23533	30.19 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.89 0.79 0.00	27.30 0.77 0.00	27.40 0.83 0.00	26.63 0.92 0.00	27.45 1.05 0.00	23.24 1.13 0.00	19.89 1.09 0.00	21.76 1.26 -0.29	25.82 1.29 -3.34	27.27 1.52 0.00	27.30 1.48 0.00	28.90 1.56 0.00	32.87 1.86 0.00	32.15 1.88 0.00	41.27 2.03 0.00	49.27 1.98 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.81 1.83 0.00	49.53 1.95 0.00	37.55 1.47 0.00
RAVENSWOOD___2 23534	30.19 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.89 0.79 0.00	27.30 0.77 0.00	27.40 0.83 0.00	26.63 0.92 0.00	27.45 1.05 0.00	23.24 1.13 0.00	19.89 1.09 0.00	21.76 1.26 -0.29	25.82 1.29 -3.34	27.27 1.52 0.00	27.30 1.48 0.00	28.90 1.56 0.00	32.87 1.86 0.00	32.15 1.88 0.00	41.27 2.03 0.00	49.27 1.98 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.81 1.83 0.00	49.53 1.95 0.00	37.55 1.47 0.00
RAVENSWOOD___3 23535	30.19 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.90 0.80 0.00	27.30 0.78 0.00	27.40 0.83 0.00	26.63 0.91 0.00	27.44 1.04 0.00	23.23 1.11 0.00	19.87 1.07 0.00	21.74 1.24 -0.29	25.81 1.28 -3.34	27.27 1.51 0.00	27.28 1.46 0.00	28.89 1.55 0.00	32.85 1.84 0.00	32.13 1.87 0.00	41.26 2.02 0.00	49.30 2.01 0.00	50.84 1.51 0.00	46.78 1.40 0.00	49.83 1.85 0.00	49.54 1.97 0.00	37.57 1.48 0.00
RAVENSWOOD___4 23820	30.19 1.13 0.00	27.97 1.02 0.00	25.77 0.90 0.00	25.89 0.79 0.00	27.30 0.77 0.00	27.40 0.83 0.00	26.63 0.92 0.00	27.45 1.05 0.00	23.24 1.13 0.00	19.89 1.09 0.00	21.76 1.26 -0.29	25.82 1.29 -3.34	27.27 1.52 0.00	27.30 1.48 0.00	28.90 1.56 0.00	32.87 1.86 0.00	32.15 1.88 0.00	41.27 2.03 0.00	49.27 1.98 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.81 1.83 0.00	49.53 1.95 0.00	37.55 1.47 0.00
RCPI_TRUST___DRP 24196	30.17 1.11 0.00	27.94 0.99 0.00	25.74 0.87 0.00	25.87 0.77 0.00	27.28 0.75 0.00	27.38 0.80 0.00	26.59 0.87 0.00	27.42 1.02 0.00	23.20 1.08 0.00	19.84 1.04 0.00	21.72 1.22 -0.29	25.79 1.25 -3.35	27.24 1.49 0.00	27.27 1.45 0.00	28.88 1.54 0.00	32.84 1.82 0.00	32.12 1.86 0.00	41.30 2.06 0.00	49.38 2.09 0.00	50.93 1.60 0.00	46.83 1.46 0.00	49.82 1.84 0.00	49.48 1.91 0.00	37.53 1.44 0.00
RED___ROCHESTER 323720	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.76 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.87 -0.84 0.00	25.72 -0.68 0.00	21.61 -0.51 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.81 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.01 -0.33 0.00	30.64 -0.38 0.00	29.75 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.53 0.21 0.00	45.16 0.15 0.38	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
REGAN___SOLAR 323812	30.38 1.32 0.00	28.11 1.16 0.00	25.90 1.03 0.00	26.16 1.06 0.00	27.66 1.14 0.00	27.72 1.14 0.00	26.82 1.11 0.00	27.37 0.97 0.00	22.35 0.23 0.00	18.70 -0.10 0.00	20.03 -0.17 0.00	20.99 -0.20 0.00	25.70 -0.05 0.00	25.78 -0.05 0.00	27.28 -0.05 0.00	30.85 -0.16 0.00	30.12 -0.15 0.00	40.12 0.89 0.00	49.32 2.03 0.00	52.09 2.77 0.00	48.03 2.65 0.00	50.59 2.60 0.00	50.05 2.48 0.00	37.81 1.72 0.00
RENSSELAER___COGEN 23796	29.30 0.24 0.00	27.17 0.22 0.00	25.08 0.21 0.00	25.27 0.17 0.00	26.72 0.19 0.00	26.82 0.24 0.00	26.01 0.30 0.00	26.68 0.28 0.00	22.32 0.21 0.00	18.96 0.16 0.00	20.37 0.13 -0.04	21.75 0.14 -0.42	25.92 0.18 0.00	26.02 0.20 0.00	27.49 0.15 0.00	31.22 0.21 0.00	30.45 0.18 0.00	39.36 0.13 0.00	47.41 0.12 0.00	49.32 -0.01 0.00	45.55 0.17 0.00	48.21 0.23 0.00	47.82 0.24 0.00	36.42 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.95 2.89 0.00	29.58 2.63 0.00	27.35 2.48 0.00	27.44 2.34 0.00	28.86 2.33 0.00	29.08 2.51 0.00	28.37 2.66 0.00	29.00 2.60 0.00	23.76 1.65 0.00	19.73 0.94 0.00	20.72 0.52 0.00	21.55 0.37 0.00	26.42 0.67 0.00	26.59 0.78 0.00	28.04 0.71 0.00	32.10 1.09 0.00	32.04 1.78 0.00	42.54 3.30 0.00	52.69 5.40 0.00	54.73 5.41 0.00	50.85 5.48 0.00	53.05 5.07 0.00	52.53 4.96 0.00	39.81 3.72 0.00
REVERE_CPPR_DRP 24186	29.82 0.76 0.00	27.63 0.68 0.00	25.47 0.60 0.00	25.73 0.63 0.00	27.14 0.61 0.00	27.18 0.60 0.00	26.29 0.58 0.00	26.95 0.55 0.00	22.41 0.30 0.00	18.92 0.12 0.00	20.29 0.09 0.00	21.29 0.11 0.00	25.92 0.17 0.00	26.11 0.29 0.00	27.59 0.24 0.00	31.36 0.35 0.00	30.84 0.58 0.00	40.35 1.12 0.00	48.99 1.70 0.00	51.28 1.95 0.00	47.11 1.74 0.00	49.71 1.72 0.00	49.05 1.48 0.00	37.10 1.01 0.00
REYNLDPA_13_KV_LD 356490	29.37 0.31 0.00	27.23 0.28 0.00	25.13 0.27 0.00	25.38 0.28 0.00	26.83 0.30 0.00	26.85 0.27 0.00	25.98 0.27 0.00	26.68 0.28 0.00	22.37 0.26 0.00	19.03 0.23 0.00	20.48 0.28 0.00	21.46 0.28 0.00	26.07 0.31 0.00	26.12 0.30 0.00	27.68 0.34 0.00	31.38 0.37 0.00	30.59 0.32 0.00	39.67 0.44 0.00	47.68 0.38 0.00	49.94 0.61 0.00	45.75 0.38 0.00	48.22 0.23 0.00	47.92 0.35 0.00	36.36 0.27 0.00

REYNOLDS_115KV_TB3 80639	29.51 0.46 0.00	27.36 0.41 0.00	25.26 0.39 0.00	25.44 0.34 0.00	26.89 0.37 0.00	26.99 0.42 0.00	26.19 0.48 0.00	26.87 0.47 0.00	22.47 0.36 0.00	19.09 0.28 0.00	20.50 0.26 -0.04	21.89 0.27 -0.43	26.08 0.33 0.00	26.17 0.36 0.00	27.64 0.31 0.00	31.42 0.41 0.00	30.62 0.36 0.00	39.58 0.34 0.00	47.69 0.40 0.00	49.62 0.29 0.00	45.83 0.45 0.00	48.55 0.57 0.00	48.20 0.63 0.00	36.66 0.58 0.00
RIVERBAY____ 323610	30.71 1.65 0.00	28.47 1.52 0.00	26.20 1.34 0.00	26.32 1.22 0.00	27.77 1.24 0.00	27.89 1.31 0.00	27.08 1.36 0.00	27.87 1.47 0.00	23.59 1.47 0.00	20.11 1.31 0.00	21.99 1.49 -0.29	26.06 1.53 -3.34	27.61 1.86 0.00	27.70 1.88 0.00	29.30 1.96 0.00	33.31 2.29 0.00	32.59 2.33 0.00	41.92 2.68 0.00	50.08 2.79 0.00	51.78 2.45 0.00	47.73 2.35 0.00	50.79 2.80 0.00	50.41 2.84 0.00	38.23 2.14 0.00
RIVERSDE_115KV_TB3 55908	29.42 0.36 0.00	27.29 0.34 0.00	25.19 0.32 0.00	25.37 0.27 0.00	26.82 0.29 0.00	26.93 0.35 0.00	26.12 0.41 0.00	26.79 0.39 0.00	22.41 0.30 0.00	19.04 0.23 0.00	20.44 0.20 -0.04	21.83 0.22 -0.43	26.03 0.28 0.00	26.12 0.30 0.00	27.60 0.26 0.00	31.36 0.34 0.00	30.58 0.32 0.00	39.53 0.30 0.00	47.63 0.34 0.00	49.53 0.21 0.00	45.74 0.36 0.00	48.44 0.46 0.00	48.06 0.49 0.00	36.58 0.49 0.00
ROARING____BROOK_WT_PWR 323790	29.00 -0.06 0.00	26.85 -0.10 0.00	24.72 -0.14 0.00	25.03 -0.07 0.00	26.46 -0.07 0.00	26.46 -0.12 0.00	25.57 -0.14 0.00	26.24 -0.16 0.00	22.03 -0.08 0.00	18.78 -0.03 0.00	20.17 -0.03 0.00	21.14 -0.04 0.00	25.68 -0.07 0.00	25.77 -0.05 0.00	27.31 -0.03 0.00	30.96 -0.06 0.00	30.15 -0.11 0.00	39.08 -0.15 0.00	47.18 -0.11 0.00	49.17 -0.16 0.00	45.21 -0.17 0.00	47.89 -0.09 0.00	47.39 -0.18 0.00	35.97 -0.12 0.00
ROCHESRG_115KV_T4 355643	27.88 -1.18 0.00	25.84 -1.11 0.00	23.84 -1.03 0.00	24.12 -0.98 0.00	25.43 -1.10 0.00	25.47 -1.11 0.00	24.61 -1.10 0.00	25.45 -0.95 0.00	21.38 -0.74 0.00	18.17 -0.63 0.00	19.60 -0.61 0.00	20.56 -0.62 0.00	25.00 -0.75 0.00	25.07 -0.75 0.00	26.63 -0.71 0.00	30.19 -0.82 0.00	29.27 -0.99 0.00	38.00 -1.24 0.00	46.03 -1.26 0.00	48.67 -0.65 0.00	44.77 -0.60 0.00	47.07 -0.91 0.00	46.81 -0.76 0.00	35.37 -0.72 0.00
ROCHESTER_9_IC 23652	28.08 -0.98 0.00	26.02 -0.93 0.00	23.99 -0.87 0.00	24.27 -0.83 0.00	25.59 -0.94 0.00	25.63 -0.94 0.00	24.77 -0.94 0.00	25.61 -0.79 0.00	21.51 -0.61 0.00	18.28 -0.52 0.00	19.72 -0.48 0.00	20.71 -0.47 0.00	25.18 -0.56 0.00	25.26 -0.56 0.00	26.85 -0.49 0.00	30.44 -0.57 0.00	29.55 -0.71 0.00	38.38 -0.85 0.00	46.53 -0.76 0.00	49.18 -0.15 0.00	45.23 -0.15 0.00	47.52 -0.46 0.00	47.23 -0.34 0.00	35.66 -0.43 0.00
ROCKVIEW_13_KV_LD 356306	30.26 1.20 0.00	28.01 1.06 0.00	25.80 0.93 0.00	25.94 0.83 0.00	27.36 0.83 0.00	27.46 0.88 0.00	26.66 0.94 0.00	27.48 1.08 0.00	23.23 1.12 0.00	19.87 1.07 0.00	21.73 1.24 -0.29	25.81 1.28 -3.35	27.28 1.53 0.00	27.34 1.52 0.00	28.94 1.60 0.00	32.92 1.90 0.00	32.20 1.93 0.00	41.44 2.21 0.00	49.57 2.27 0.00	51.13 1.80 0.00	47.03 1.66 0.00	49.99 2.01 0.00	49.61 2.05 0.00	37.63 1.54 0.00
ROME____115KV_TB2 80656	29.82 0.76 0.00	27.63 0.68 0.00	25.47 0.60 0.00	25.73 0.63 0.00	27.14 0.61 0.00	27.18 0.60 0.00	26.29 0.58 0.00	26.95 0.55 0.00	22.41 0.30 0.00	18.92 0.12 0.00	20.29 0.09 0.00	21.29 0.11 0.00	25.92 0.17 0.00	26.11 0.29 0.00	27.59 0.24 0.00	31.36 0.35 0.00	30.84 0.58 0.00	40.35 1.12 0.00	48.99 1.70 0.00	51.28 1.95 0.00	47.11 1.74 0.00	49.71 1.72 0.00	49.05 1.48 0.00	37.10 1.01 0.00
ROSETON____1 23587	29.84 0.78 0.00	27.64 0.69 0.00	25.47 0.60 0.00	25.63 0.53 0.00	27.05 0.52 0.00	27.15 0.57 0.00	26.36 0.64 0.00	27.14 0.74 0.00	22.87 0.76 0.00	19.52 0.72 0.00	21.04 0.84 0.00	22.04 0.85 0.00	26.75 1.00 0.00	26.79 0.97 0.00	28.38 1.04 0.00	32.27 1.26 0.00	31.56 1.30 0.00	40.66 1.42 0.00	48.77 1.47 0.00	50.46 1.13 0.00	46.44 1.06 0.00	49.27 1.28 0.00	48.88 1.31 0.00	37.06 0.97 0.00
ROSETON____2 23588	29.84 0.78 0.00	27.64 0.69 0.00	25.47 0.60 0.00	25.63 0.53 0.00	27.05 0.52 0.00	27.15 0.57 0.00	26.36 0.64 0.00	27.14 0.74 0.00	22.87 0.76 0.00	19.52 0.72 0.00	21.04 0.84 0.00	22.04 0.85 0.00	26.75 1.00 0.00	26.79 0.97 0.00	28.38 1.04 0.00	32.27 1.26 0.00	31.56 1.30 0.00	40.66 1.42 0.00	48.77 1.47 0.00	50.46 1.13 0.00	46.44 1.06 0.00	49.27 1.28 0.00	48.88 1.31 0.00	37.06 0.97 0.00
ROTTTRDAM_115KV_TB3 80664	29.62 0.56 0.00	27.45 0.50 0.00	25.32 0.45 0.00	25.54 0.44 0.00	27.01 0.48 0.00	27.09 0.51 0.00	26.25 0.53 0.00	26.93 0.53 0.00	22.48 0.36 0.00	19.06 0.26 0.00	20.43 0.23 0.00	21.41 0.23 0.00	26.04 0.29 0.00	26.12 0.30 0.00	27.62 0.28 0.00	31.38 0.37 0.00	30.66 0.40 0.00	39.81 0.58 0.00	48.11 0.82 0.00	50.17 0.84 0.00	46.27 0.89 0.00	48.94 0.96 0.00	48.53 0.95 0.00	36.79 0.70 0.00
RUSSELL____1 23602	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
RUSSELL____2 23532	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
RUSSELL____3 23549	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
RUSSELL____4 23556	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00

RUSSELL__STATION 23914	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
S SALMON__HYD 24043	28.86 -0.20 0.00	26.71 -0.24 0.00	24.63 -0.24 0.00	24.92 -0.18 0.00	26.31 -0.21 0.00	26.31 -0.26 0.00	25.39 -0.32 0.00	26.02 -0.38 0.00	21.71 -0.41 0.00	18.36 -0.43 0.00	19.72 -0.49 0.00	20.67 -0.52 0.00	25.17 -0.58 0.00	25.31 -0.51 0.00	26.77 -0.57 0.00	30.27 -0.75 0.00	29.58 -0.68 0.00	38.85 -0.39 0.00	47.15 -0.14 0.00	49.29 -0.04 0.00	45.31 -0.07 0.00	48.00 0.01 0.00	47.28 -0.29 0.00	35.80 -0.28 0.00
S.PERRY__115KV_TB1 80734	28.73 -0.33 0.00	26.61 -0.34 0.00	24.48 -0.38 0.00	24.84 -0.26 0.00	26.23 -0.30 0.00	26.30 -0.28 0.00	25.43 -0.28 0.00	26.30 -0.09 0.00	21.85 -0.27 0.00	18.38 -0.42 0.00	19.71 -0.50 0.00	20.64 -0.54 0.00	25.05 -0.70 0.00	25.11 -0.71 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.46 -0.80 0.00	38.52 -0.72 0.00	47.11 -0.19 0.00	50.71 1.38 0.00	46.72 1.34 0.00	49.06 1.08 0.00	48.57 1.00 0.00	36.62 0.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.20 -1.86 0.00	25.20 -1.76 0.00	23.25 -1.61 0.00	23.60 -1.51 0.00	24.86 -1.67 0.00	24.89 -1.68 0.00	24.06 -1.65 0.00	25.07 -1.33 0.00	21.17 -0.94 0.00	18.02 -0.78 0.00	19.47 -0.74 0.00	20.42 -0.77 0.00	24.73 -1.02 0.00	24.78 -1.05 0.00	26.37 -0.96 0.00	29.81 -1.20 0.00	28.70 -1.56 0.00	37.16 -2.08 0.00	45.00 -2.30 0.00	47.92 -1.41 0.00	44.10 -1.28 0.00	46.34 -1.65 0.00	46.33 -1.24 0.00	35.01 -1.08 0.00
SAWYER__23_KV_LOAD 55526	27.20 -1.86 0.00	25.20 -1.76 0.00	23.25 -1.61 0.00	23.60 -1.51 0.00	24.86 -1.67 0.00	24.89 -1.68 0.00	24.06 -1.65 0.00	25.07 -1.33 0.00	21.17 -0.94 0.00	18.02 -0.78 0.00	19.47 -0.74 0.00	20.42 -0.77 0.00	24.73 -1.02 0.00	24.78 -1.05 0.00	26.37 -0.96 0.00	29.81 -1.20 0.00	28.70 -1.56 0.00	37.16 -2.08 0.00	45.00 -2.30 0.00	47.92 -1.41 0.00	44.10 -1.28 0.00	46.34 -1.65 0.00	46.33 -1.24 0.00	35.01 -1.08 0.00
SELKIRK__I 23801	29.55 0.49 0.00	27.41 0.46 0.00	25.30 0.44 0.00	25.52 0.42 0.00	26.98 0.46 0.00	27.08 0.50 0.00	26.25 0.53 0.00	26.90 0.50 0.00	22.44 0.32 0.00	19.02 0.22 0.00	20.40 0.20 0.00	21.39 0.21 0.00	26.00 0.25 0.00	26.12 0.30 0.00	27.59 0.25 0.00	31.31 0.29 0.00	30.52 0.26 0.00	39.61 0.38 0.00	47.82 0.53 0.00	49.79 0.46 0.00	45.95 0.57 0.00	48.65 0.66 0.00	48.28 0.71 0.00	36.71 0.63 0.00
SELKIRK__II 23799	29.39 0.33 0.00	27.25 0.30 0.00	25.15 0.28 0.00	25.35 0.25 0.00	26.81 0.28 0.00	26.90 0.32 0.00	26.08 0.36 0.00	26.76 0.36 0.00	22.40 0.29 0.00	19.03 0.23 0.00	20.43 0.23 0.00	21.42 0.23 0.00	26.03 0.28 0.00	26.10 0.28 0.00	27.60 0.26 0.00	31.34 0.32 0.00	30.56 0.30 0.00	39.52 0.29 0.00	47.60 0.30 0.00	49.51 0.18 0.00	45.69 0.31 0.00	48.38 0.40 0.00	48.00 0.43 0.00	36.49 0.41 0.00
SENECA OSWGO__HYD 24041	28.36 -0.70 0.00	26.33 -0.62 0.00	24.29 -0.58 0.00	24.53 -0.57 0.00	25.91 -0.62 0.00	25.94 -0.64 0.00	25.03 -0.68 0.00	25.65 -0.75 0.00	21.41 -0.70 0.00	18.16 -0.64 0.00	19.52 -0.69 0.00	20.48 -0.70 0.00	24.94 -0.81 0.00	25.02 -0.80 0.00	26.52 -0.82 0.00	30.09 -0.92 0.00	29.35 -0.91 0.00	38.16 -1.08 0.00	46.16 -1.14 0.00	48.27 -1.06 0.00	44.38 -0.99 0.00	46.84 -1.14 0.00	46.38 -1.19 0.00	35.16 -0.92 0.00
SENECA__115KV_TB3 355854	27.46 -1.61 0.00	25.42 -1.53 0.00	23.47 -1.40 0.00	23.81 -1.29 0.00	25.09 -1.44 0.00	25.12 -1.45 0.00	24.25 -1.46 0.00	25.29 -1.11 0.00	21.33 -0.79 0.00	18.14 -0.66 0.00	19.59 -0.61 0.00	20.55 -0.63 0.00	24.91 -0.84 0.00	24.96 -0.86 0.00	26.60 -0.74 0.00	30.08 -0.93 0.00	29.02 -1.24 0.00	37.61 -1.62 0.00	45.59 -1.71 0.00	48.54 -0.79 0.00	43.83 -0.73 0.81	46.87 -1.11 0.00	46.79 -0.78 0.00	35.34 -0.75 0.00
SENECA__ENERGY 23797	28.52 -0.55 0.00	26.40 -0.55 0.00	24.37 -0.50 0.00	24.61 -0.49 0.00	25.98 -0.55 0.00	26.06 -0.52 0.00	25.19 -0.52 0.00	25.91 -0.49 0.00	21.65 -0.47 0.00	18.32 -0.48 0.00	19.66 -0.54 0.00	20.67 -0.52 0.00	25.19 -0.56 0.00	25.24 -0.58 0.00	26.77 -0.57 0.00	30.41 -0.61 0.00	29.76 -0.51 0.00	38.74 -0.49 0.00	46.91 -0.39 0.00	49.40 0.07 0.00	45.34 -0.04 0.00	47.69 -0.29 0.00	47.17 -0.40 0.00	35.74 -0.34 0.00
SHOEMAKER__GT 23640	29.74 0.68 0.00	27.55 0.60 0.00	25.38 0.52 0.00	25.56 0.46 0.00	26.99 0.46 0.00	27.08 0.50 0.00	26.27 0.56 0.00	27.04 0.64 0.00	22.76 0.64 0.00	19.38 0.58 0.00	20.61 0.66 0.26	18.92 0.67 2.93	26.52 0.77 0.00	26.58 0.76 0.00	28.18 0.84 0.00	32.02 1.00 0.00	31.34 1.08 0.00	40.51 1.28 0.00	48.72 1.42 0.00	50.50 1.18 0.00	46.44 1.06 0.00	49.21 1.23 0.00	48.78 1.21 0.00	36.97 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	29.74 0.67 0.00	27.54 0.59 0.00	25.38 0.51 0.00	25.55 0.45 0.00	26.97 0.45 0.00	27.07 0.49 0.00	26.25 0.54 0.00	27.05 0.64 0.00	22.76 0.65 0.00	19.40 0.60 0.00	20.64 0.68 0.24	19.08 0.69 2.80	26.55 0.80 0.00	26.61 0.79 0.00	28.21 0.87 0.00	32.05 1.04 0.00	31.36 1.10 0.00	40.53 1.29 0.00	48.72 1.42 0.00	50.47 1.15 0.00	46.41 1.03 0.00	49.19 1.20 0.00	48.75 1.18 0.00	36.95 0.87 0.00
SHOREHAM_IC_1 23715	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.55 0.00	26.53 1.42 0.00	27.99 1.46 0.00	28.09 1.51 0.00	27.26 1.55 0.00	28.10 1.70 0.00	23.72 1.60 0.00	20.26 1.46 0.00	22.25 1.75 -0.29	26.33 1.82 -3.33	27.92 2.17 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.42 2.40 0.00	32.37 2.11 0.00	41.90 2.66 -0.01	49.48 2.18 0.00	50.54 1.22 0.00	46.68 1.30 0.00	49.95 1.97 0.00	49.22 1.65 0.00	37.84 1.75 0.00
SHOREHAM_IC_2 23716	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.55 0.00	26.53 1.42 0.00	27.99 1.46 0.00	28.09 1.51 0.00	27.26 1.55 0.00	28.10 1.70 0.00	23.72 1.60 0.00	20.26 1.46 0.00	22.25 1.75 -0.29	26.33 1.82 -3.33	27.92 2.17 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.42 2.40 0.00	32.37 2.11 0.00	41.90 2.66 -0.01	49.48 2.18 0.00	50.54 1.22 0.00	46.68 1.30 0.00	49.95 1.97 0.00	49.22 1.65 0.00	37.84 1.75 0.00
SISSONVILLE____ 23735	29.52 0.46 0.00	27.32 0.37 0.00	25.16 0.29 0.00	25.49 0.39 0.00	26.86 0.34 0.00	26.88 0.30 0.00	26.02 0.31 0.00	26.67 0.27 0.00	22.34 0.23 0.00	18.93 0.12 0.00	20.40 0.19 0.00	21.36 0.18 0.00	25.95 0.20 0.00	26.04 0.21 0.00	27.60 0.26 0.00	31.17 0.15 0.00	30.35 0.09 0.00	39.59 0.36 0.00	47.84 0.55 0.00	50.16 0.83 0.00	45.87 0.49 0.00	48.50 0.51 0.00	47.96 0.39 0.00	36.35 0.27 0.00

SITHE_IND_GS1 24169	28.10 -0.96 0.00	26.11 -0.85 0.00	24.10 -0.77 0.00	24.33 -0.77 0.00	25.70 -0.83 0.00	25.72 -0.85 0.00	24.81 -0.90 0.00	25.42 -0.98 0.00	21.27 -0.85 0.00	18.06 -0.74 0.00	19.41 -0.79 0.00	20.36 -0.82 0.00	24.81 -0.94 0.00	24.88 -0.94 0.00	26.36 -0.98 0.00	29.86 -1.15 0.00	29.14 -1.12 0.00	37.81 -1.43 0.00	45.63 -1.67 0.00	47.72 -1.61 0.00	43.88 -1.50 0.00	46.33 -1.66 0.00	45.91 -1.66 0.00	34.84 -1.25 0.00
SITHE_IND_GS2 24170	28.10 -0.96 0.00	26.11 -0.85 0.00	24.10 -0.77 0.00	24.33 -0.77 0.00	25.70 -0.83 0.00	25.72 -0.85 0.00	24.81 -0.90 0.00	25.42 -0.98 0.00	21.27 -0.85 0.00	18.06 -0.74 0.00	19.41 -0.79 0.00	20.36 -0.82 0.00	24.81 -0.94 0.00	24.88 -0.94 0.00	26.36 -0.98 0.00	29.86 -1.15 0.00	29.14 -1.12 0.00	37.81 -1.43 0.00	45.63 -1.67 0.00	47.72 -1.61 0.00	43.88 -1.50 0.00	46.33 -1.66 0.00	45.91 -1.66 0.00	34.84 -1.25 0.00
SITHE_IND_GS3 24171	28.10 -0.96 0.00	26.11 -0.85 0.00	24.10 -0.77 0.00	24.33 -0.77 0.00	25.70 -0.83 0.00	25.72 -0.85 0.00	24.81 -0.90 0.00	25.42 -0.98 0.00	21.27 -0.85 0.00	18.06 -0.74 0.00	19.41 -0.79 0.00	20.36 -0.82 0.00	24.81 -0.94 0.00	24.88 -0.94 0.00	26.36 -0.98 0.00	29.86 -1.15 0.00	29.14 -1.12 0.00	37.81 -1.43 0.00	45.63 -1.67 0.00	47.72 -1.61 0.00	43.88 -1.50 0.00	46.33 -1.66 0.00	45.91 -1.66 0.00	34.84 -1.25 0.00
SITHE_IND_GS4 24172	28.10 -0.96 0.00	26.11 -0.85 0.00	24.10 -0.77 0.00	24.33 -0.77 0.00	25.70 -0.83 0.00	25.72 -0.85 0.00	24.81 -0.90 0.00	25.42 -0.98 0.00	21.27 -0.85 0.00	18.06 -0.74 0.00	19.41 -0.79 0.00	20.36 -0.82 0.00	24.81 -0.94 0.00	24.88 -0.94 0.00	26.36 -0.98 0.00	29.86 -1.15 0.00	29.14 -1.12 0.00	37.81 -1.43 0.00	45.63 -1.67 0.00	47.72 -1.61 0.00	43.88 -1.50 0.00	46.33 -1.66 0.00	45.91 -1.66 0.00	34.84 -1.25 0.00
SITHE___BATAVIA 24024	27.82 -1.25 0.00	25.75 -1.20 0.00	23.75 -1.11 0.00	24.07 -1.03 0.00	25.36 -1.17 0.00	25.41 -1.17 0.00	24.55 -1.17 0.00	25.55 -0.85 0.00	21.41 -0.71 0.00	18.06 -0.73 0.00	19.48 -0.73 0.00	20.40 -0.78 0.00	24.75 -1.00 0.00	24.80 -1.02 0.00	26.42 -0.92 0.00	29.94 -1.07 0.00	28.88 -1.38 0.00	37.61 -1.62 0.00	45.95 -1.34 0.00	49.23 -0.10 0.00	44.74 -0.06 0.58	47.55 -0.43 0.00	47.38 -0.19 0.00	35.73 -0.35 0.00
SITHE___INDEPEND 23800	28.10 -0.96 0.00	26.11 -0.85 0.00	24.09 -0.77 0.00	24.33 -0.77 0.00	25.70 -0.82 0.00	25.72 -0.85 0.00	24.82 -0.89 0.00	25.42 -0.98 0.00	21.27 -0.85 0.00	18.06 -0.74 0.00	19.41 -0.79 0.00	20.37 -0.82 0.00	24.81 -0.94 0.00	24.88 -0.94 0.00	26.36 -0.98 0.00	29.86 -1.15 0.00	29.14 -1.12 0.00	37.80 -1.43 0.00	45.63 -1.67 0.00	47.72 -1.61 0.00	43.87 -1.50 0.00	46.33 -1.65 0.00	45.91 -1.67 0.00	34.84 -1.25 0.00
SITHE___MASSENA 23902	29.45 0.39 0.00	27.29 0.34 0.00	25.18 0.31 0.00	25.44 0.34 0.00	26.87 0.34 0.00	26.90 0.32 0.00	26.03 0.32 0.00	26.73 0.33 0.00	22.40 0.28 0.00	19.04 0.23 0.00	20.49 0.29 0.00	21.47 0.29 0.00	26.08 0.33 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.39 0.38 0.00	30.59 0.33 0.00	39.77 0.53 0.00	47.88 0.58 0.00	50.08 0.75 0.00	45.89 0.51 0.00	48.45 0.47 0.00	48.04 0.47 0.00	36.45 0.36 0.00
SITHE___OGDNSBRG 24021	30.04 0.98 0.00	27.81 0.86 0.00	25.65 0.78 0.00	25.95 0.85 0.00	27.39 0.86 0.00	27.43 0.85 0.00	26.56 0.85 0.00	27.18 0.78 0.00	22.64 0.52 0.00	19.11 0.31 0.00	20.58 0.37 0.00	21.56 0.37 0.00	26.19 0.44 0.00	26.29 0.47 0.00	27.84 0.50 0.00	31.50 0.49 0.00	30.70 0.44 0.00	40.15 0.91 0.00	48.69 1.40 0.00	51.27 1.94 0.00	46.83 1.46 0.00	49.40 1.42 0.00	48.89 1.32 0.00	37.03 0.94 0.00
SITHE___STERLING 23777	29.54 0.48 0.00	27.39 0.44 0.00	25.26 0.39 0.00	25.50 0.40 0.00	26.91 0.39 0.00	26.97 0.40 0.00	26.07 0.36 0.00	26.74 0.34 0.00	22.25 0.13 0.00	18.82 0.02 0.00	20.20 -0.01 0.00	21.19 0.00 0.00	25.80 0.05 0.00	25.96 0.14 0.00	27.44 0.10 0.00	31.20 0.19 0.00	30.64 0.38 0.00	39.94 0.70 0.00	48.44 1.15 0.00	50.70 1.37 0.00	46.60 1.22 0.00	49.16 1.18 0.00	48.58 1.01 0.00	36.77 0.68 0.00
SLEIGHT___34_KV_TB1 80719	28.12 -0.94 0.00	26.05 -0.90 0.00	24.04 -0.83 0.00	24.28 -0.82 0.00	25.61 -0.91 0.00	25.69 -0.89 0.00	24.83 -0.88 0.00	25.59 -0.81 0.00	21.40 -0.71 0.00	18.13 -0.67 0.00	19.49 -0.71 0.00	20.48 -0.70 0.00	24.94 -0.81 0.00	25.01 -0.81 0.00	26.56 -0.77 0.00	30.16 -0.85 0.00	29.40 -0.86 0.00	38.28 -0.96 0.00	46.39 -0.90 0.00	48.93 -0.39 0.00	44.94 -0.44 0.00	47.28 -0.70 0.00	46.82 -0.75 0.00	35.38 -0.70 0.00
SOUTH CAIRO___GT 23612	30.24 1.17 0.00	27.99 1.03 0.00	25.82 0.95 0.00	26.02 0.92 0.00	27.50 0.97 0.00	27.62 1.04 0.00	26.80 1.09 0.00	27.52 1.12 0.00	22.90 0.79 0.00	19.29 0.49 0.00	20.67 0.47 0.00	21.65 0.47 0.00	26.33 0.58 0.00	26.42 0.60 0.00	28.02 0.68 0.00	31.82 0.81 0.00	31.11 0.85 0.00	40.60 1.36 0.00	49.35 2.05 0.00	51.59 2.26 0.00	47.62 2.24 0.00	50.23 2.25 0.00	49.67 2.10 0.00	37.65 1.56 0.00
SOUTH HAMPTN___IC 23720	31.58 2.52 0.00	29.05 2.10 0.00	26.70 1.84 0.00	26.82 1.72 0.00	28.32 1.79 0.00	28.39 1.81 0.00	27.55 1.84 0.00	28.41 2.01 0.00	23.95 1.83 0.00	20.52 1.72 0.00	22.58 2.09 -0.29	26.72 2.21 -3.33	28.41 2.66 0.00	28.40 2.58 0.00	30.17 2.83 0.00	34.10 3.08 0.00	33.08 2.82 0.00	42.90 3.66 -0.01	50.62 3.33 0.00	51.47 2.14 0.00	47.49 2.11 0.00	50.72 2.73 0.00	49.82 2.25 0.00	38.25 2.16 0.00
SOUTHDOW_115KV_TB1 355954	28.18 -0.89 0.00	26.03 -0.92 0.00	24.00 -0.87 0.00	24.48 -0.63 0.00	25.81 -0.71 0.00	25.89 -0.68 0.00	24.99 -0.72 0.00	26.08 -0.32 0.00	21.98 -0.14 0.00	18.74 -0.07 0.00	20.22 0.02 0.00	21.13 -0.06 0.00	25.63 -0.12 0.00	25.70 -0.12 0.00	27.35 0.01 0.00	30.85 -0.16 0.00	29.97 -0.29 0.00	38.98 -0.25 0.00	47.48 0.19 0.00	50.29 0.96 0.00	46.00 0.63 0.00	48.31 0.32 0.00	47.89 0.32 0.00	36.18 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	31.98 2.91 0.00	29.37 2.42 0.00	26.99 2.12 0.00	27.13 2.02 0.00	28.67 2.14 0.00	28.70 2.12 0.00	27.84 2.13 0.00	28.72 2.32 0.00	24.16 2.04 0.00	20.76 1.96 0.00	22.91 2.42 -0.29	27.10 2.59 -3.33	28.89 3.14 0.00	28.92 3.09 0.00	30.74 3.40 0.00	34.73 3.71 0.00	33.73 3.47 0.00	43.87 4.63 -0.01	51.68 4.39 0.00	52.20 2.88 0.00	48.16 2.78 0.00	51.34 3.36 0.00	50.22 2.65 0.00	38.56 2.48 0.00
SOUTHOLD___IC 23719	31.97 2.91 0.00	29.37 2.42 0.00	26.99 2.12 0.00	27.13 2.02 0.00	28.67 2.14 0.00	28.70 2.12 0.00	27.85 2.13 0.00	28.72 2.32 0.00	24.15 2.04 0.00	20.76 1.96 0.00	22.91 2.41 -0.29	27.10 2.59 -3.33	28.89 3.14 0.00	28.91 3.09 0.00	30.74 3.40 0.00	34.73 3.71 0.00	33.73 3.47 0.00	43.87 4.63 -0.01	51.68 4.39 0.00	52.20 2.88 0.00	48.16 2.78 0.00	51.36 3.37 0.00	50.22 2.65 0.00	38.56 2.48 0.00

SOUTH_FORK_WT_PWR 323839	32.01 2.94 0.00	29.39 2.44 0.00	27.01 2.15 0.00	27.16 2.05 0.00	28.72 2.19 0.00	28.72 2.14 0.00	27.86 2.15 0.00	28.74 2.34 0.00	24.09 1.97 0.00	20.76 1.96 0.00	22.94 2.44 -0.29	27.16 2.65 -3.33	28.98 3.23 0.00	29.00 3.18 0.00	30.83 3.49 0.00	34.79 3.77 0.00	33.76 3.50 0.00	43.99 4.75 -0.01	51.75 4.45 0.00	52.05 2.72 0.00	48.03 2.65 0.00	51.23 3.24 0.00	49.99 2.42 0.00	38.44 2.35 0.00
SPIERFLS_115KV_TB 1 80737	30.06 0.99 0.00	27.85 0.90 0.00	25.72 0.85 0.00	25.88 0.78 0.00	27.34 0.82 0.00	27.47 0.89 0.00	26.68 0.97 0.00	27.36 0.96 0.00	22.70 0.58 0.00	19.08 0.28 0.00	20.21 0.00 0.00	21.14 -0.05 0.00	25.79 0.04 0.00	25.83 0.01 0.00	27.31 -0.03 0.00	31.10 0.08 0.00	30.53 0.27 0.00	40.05 0.82 0.00	49.06 1.77 0.00	51.15 1.82 0.00	47.40 2.03 0.00	49.91 1.93 0.00	49.42 1.84 0.00	37.42 1.33 0.00
ST LAWRENCE____ 23600	29.13 0.06 0.00	27.00 0.05 0.00	24.92 0.05 0.00	25.18 0.07 0.00	26.60 0.08 0.00	26.62 0.05 0.00	25.77 0.05 0.00	26.46 0.06 0.00	22.18 0.06 0.00	18.87 0.07 0.00	20.30 0.09 0.00	21.27 0.09 0.00	25.84 0.09 0.00	25.90 0.09 0.00	27.44 0.10 0.00	31.12 0.11 0.00	30.33 0.07 0.00	39.38 0.14 0.00	47.42 0.12 0.00	49.57 0.25 0.00	45.45 0.08 0.00	48.01 0.02 0.00	47.62 0.05 0.00	36.11 0.02 0.00
STATE_CA_115KV_115_LB 55624	29.46 0.40 0.00	27.32 0.36 0.00	25.21 0.35 0.00	25.40 0.30 0.00	26.85 0.32 0.00	26.96 0.38 0.00	26.14 0.43 0.00	26.82 0.42 0.00	22.44 0.32 0.00	19.05 0.25 0.00	20.47 0.23 -0.04	21.86 0.25 -0.42	26.07 0.32 0.00	26.18 0.36 0.00	27.66 0.32 0.00	31.44 0.42 0.00	30.68 0.41 0.00	39.68 0.45 0.00	47.79 0.50 0.00	49.70 0.37 0.00	45.87 0.49 0.00	48.54 0.56 0.00	48.14 0.57 0.00	36.65 0.56 0.00
STATE_ST_34_KV_LOAD 55959	28.90 -0.16 0.00	26.73 -0.22 0.00	24.71 -0.15 0.00	24.90 -0.21 0.00	26.27 -0.26 0.00	26.42 -0.15 0.00	25.52 -0.19 0.00	26.19 -0.21 0.00	21.86 -0.26 0.00	18.51 -0.28 0.00	19.79 -0.42 0.00	20.83 -0.35 0.00	25.36 -0.39 0.00	25.46 -0.36 0.00	27.01 -0.33 0.00	30.61 -0.40 0.00	29.97 -0.29 0.00	39.07 -0.17 0.00	47.35 0.05 0.00	49.68 0.36 0.00	45.49 0.11 0.00	48.06 0.08 0.00	47.40 -0.17 0.00	35.90 -0.19 0.00
STATION 5_MISC_HYD 23604	28.08 -0.98 0.00	26.02 -0.93 0.00	24.00 -0.87 0.00	24.27 -0.83 0.00	25.59 -0.94 0.00	25.63 -0.94 0.00	24.76 -0.95 0.00	25.61 -0.79 0.00	21.52 -0.60 0.00	18.28 -0.52 0.00	19.72 -0.48 0.00	20.70 -0.48 0.00	25.19 -0.56 0.00	25.26 -0.56 0.00	26.85 -0.49 0.00	30.44 -0.57 0.00	29.55 -0.71 0.00	38.38 -0.85 0.00	46.53 -0.77 0.00	49.18 -0.15 0.00	44.85 -0.15 0.38	47.52 -0.47 0.00	47.23 -0.35 0.00	35.66 -0.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.29 -0.77 0.00	26.22 -0.74 0.00	24.19 -0.68 0.00	24.45 -0.65 0.00	25.79 -0.73 0.00	25.85 -0.73 0.00	24.98 -0.73 0.00	25.76 -0.64 0.00	21.58 -0.54 0.00	18.30 -0.50 0.00	19.70 -0.51 0.00	20.69 -0.50 0.00	25.17 -0.58 0.00	25.24 -0.58 0.00	26.80 -0.54 0.00	30.41 -0.60 0.00	29.65 -0.61 0.00	38.60 -0.63 0.00	46.78 -0.51 0.00	49.34 0.01 0.00	45.32 -0.06 0.00	47.63 -0.35 0.00	47.21 -0.36 0.00	35.69 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.95 -1.11 0.00	25.90 -1.05 0.00	23.88 -0.98 0.00	24.16 -0.94 0.00	25.48 -1.05 0.00	25.52 -1.06 0.00	24.66 -1.05 0.00	25.48 -0.92 0.00	21.40 -0.72 0.00	18.18 -0.62 0.00	19.62 -0.59 0.00	20.60 -0.58 0.00	25.05 -0.70 0.00	25.14 -0.68 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.41 -0.85 0.00	38.19 -1.05 0.00	46.28 -1.02 0.00	48.88 -0.45 0.00	44.93 -0.45 0.00	47.22 -0.76 0.00	46.91 -0.66 0.00	35.43 -0.65 0.00
STA_56____34_KV_BUS2 355983	27.95 -1.11 0.00	25.90 -1.05 0.00	23.88 -0.98 0.00	24.16 -0.94 0.00	25.48 -1.05 0.00	25.52 -1.06 0.00	24.66 -1.05 0.00	25.48 -0.92 0.00	21.40 -0.72 0.00	18.18 -0.62 0.00	19.62 -0.59 0.00	20.60 -0.58 0.00	25.05 -0.70 0.00	25.14 -0.68 0.00	26.70 -0.64 0.00	30.28 -0.73 0.00	29.41 -0.85 0.00	38.19 -1.05 0.00	46.28 -1.02 0.00	48.88 -0.45 0.00	44.93 -0.45 0.00	47.22 -0.76 0.00	46.91 -0.66 0.00	35.43 -0.65 0.00
STA_67____115KV_BK2 355882	28.02 -1.04 0.00	25.97 -0.98 0.00	23.95 -0.92 0.00	24.23 -0.87 0.00	25.54 -0.98 0.00	25.58 -0.99 0.00	24.73 -0.98 0.00	25.56 -0.84 0.00	21.47 -0.64 0.00	18.24 -0.55 0.00	19.68 -0.52 0.00	20.67 -0.52 0.00	25.13 -0.62 0.00	25.20 -0.62 0.00	26.77 -0.56 0.00	30.37 -0.65 0.00	29.46 -0.80 0.00	38.26 -0.97 0.00	46.39 -0.90 0.00	49.04 -0.29 0.00	45.09 -0.28 0.00	47.40 -0.58 0.00	47.11 -0.46 0.00	35.58 -0.51 0.00
STA_7____115KV_9TRANS 80674	28.22 -0.84 0.00	26.14 -0.81 0.00	24.10 -0.77 0.00	24.38 -0.72 0.00	25.69 -0.83 0.00	25.74 -0.84 0.00	24.88 -0.83 0.00	25.72 -0.68 0.00	21.60 -0.52 0.00	18.36 -0.44 0.00	19.81 -0.39 0.00	20.82 -0.37 0.00	25.33 -0.42 0.00	25.41 -0.41 0.00	27.00 -0.34 0.00	30.63 -0.38 0.00	29.76 -0.51 0.00	38.68 -0.55 0.00	46.90 -0.39 0.00	49.54 0.21 0.00	45.53 0.15 0.00	47.83 -0.15 0.00	47.51 -0.06 0.00	35.85 -0.23 0.00
STA_82____115KV_TB1 80780	28.00 -1.06 0.00	25.95 -1.01 0.00	23.92 -0.94 0.00	24.21 -0.89 0.00	25.52 -1.00 0.00	25.56 -1.01 0.00	24.71 -1.00 0.00	25.55 -0.86 0.00	21.46 -0.66 0.00	18.22 -0.57 0.00	19.66 -0.54 0.00	20.64 -0.54 0.00	25.10 -0.65 0.00	25.17 -0.65 0.00	26.74 -0.60 0.00	30.32 -0.69 0.00	29.42 -0.84 0.00	38.20 -1.04 0.00	46.31 -0.98 0.00	48.97 -0.35 0.00	45.05 -0.33 0.00	47.33 -0.65 0.00	47.05 -0.52 0.00	35.54 -0.54 0.00
STEEL____WIND 323596	27.43 -1.64 0.00	25.39 -1.56 0.00	23.45 -1.42 0.00	23.79 -1.31 0.00	25.06 -1.47 0.00	25.10 -1.48 0.00	24.22 -1.49 0.00	25.27 -1.14 0.00	21.31 -0.81 0.00	18.12 -0.68 0.00	19.56 -0.64 0.00	20.52 -0.66 0.00	24.88 -0.87 0.00	24.93 -0.90 0.00	26.56 -0.78 0.00	30.03 -0.99 0.00	28.98 -1.28 0.00	37.57 -1.67 0.00	45.53 -1.76 0.00	48.48 -0.84 0.00	43.79 -0.78 0.81	46.81 -1.17 0.00	46.74 -0.83 0.00	35.30 -0.79 0.00
STEPHTWN_115KV_BK_2 55603	29.55 0.50 0.00	27.38 0.43 0.00	25.28 0.41 0.00	25.44 0.34 0.00	26.92 0.40 0.00	27.04 0.47 0.00	26.26 0.54 0.00	26.95 0.55 0.00	22.50 0.39 0.00	19.08 0.28 0.00	20.48 0.24 -0.04	21.85 0.24 -0.42	26.04 0.29 0.00	26.10 0.28 0.00	27.65 0.31 0.00	31.41 0.40 0.00	30.69 0.43 0.00	39.86 0.62 0.00	48.05 0.76 0.00	50.02 0.69 0.00	46.13 0.76 0.00	48.78 0.79 0.00	48.30 0.73 0.00	36.79 0.70 0.00
STEUBEN_REC_LFGE 323667	28.45 -0.62 0.00	26.33 -0.62 0.00	24.18 -0.69 0.00	24.68 -0.43 0.00	26.11 -0.41 0.00	26.19 -0.39 0.00	25.33 -0.38 0.00	26.20 -0.20 0.00	21.81 -0.30 0.00	18.41 -0.39 0.00	19.72 -0.48 0.00	20.69 -0.50 0.00	25.07 -0.68 0.00	25.09 -0.73 0.00	26.65 -0.69 0.00	30.23 -0.79 0.00	29.54 -0.71 0.00	38.75 -0.49 0.00	47.42 0.13 0.00	50.35 1.02 0.00	46.19 0.81 0.00	48.49 0.51 0.00	47.98 0.41 0.00	36.29 0.21 0.00

STILLWATER___SOLAR 323814	30.10 1.04 0.00	27.88 0.93 0.00	25.74 0.87 0.00	25.92 0.82 0.00	27.40 0.88 0.00	27.52 0.95 0.00	26.70 0.98 0.00	27.38 0.98 0.00	22.76 0.64 0.00	19.22 0.42 0.00	20.49 0.29 0.00	21.46 0.28 0.00	26.15 0.40 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.59 0.58 0.00	30.94 0.68 0.00	40.35 1.11 0.00	49.01 1.72 0.00	51.08 1.75 0.00	47.20 1.82 0.00	49.86 1.87 0.00	49.42 1.85 0.00	37.44 1.36 0.00
STONY___BROOK 24151	31.03 1.96 0.00	28.59 1.64 0.00	26.29 1.42 0.00	26.39 1.29 0.00	27.85 1.33 0.00	27.95 1.37 0.00	27.14 1.42 0.00	27.98 1.58 0.00	23.64 1.53 0.00	20.19 1.39 0.00	22.15 1.65 -0.29	26.23 1.71 -3.33	27.80 2.05 0.00	27.87 2.04 0.00	29.61 2.27 0.00	33.59 2.58 0.00	32.68 2.42 0.00	42.16 2.92 -0.01	49.86 2.57 0.00	51.02 1.70 0.00	47.14 1.76 0.00	50.46 2.48 0.00	49.81 2.24 0.00	38.05 1.97 0.00
STURGEON_POOL_HYD 23609	29.92 0.86 0.00	27.70 0.75 0.00	25.52 0.66 0.00	25.68 0.58 0.00	27.13 0.60 0.00	27.21 0.64 0.00	26.41 0.70 0.00	27.22 0.82 0.00	22.97 0.85 0.00	19.60 0.80 0.00	21.13 0.92 0.00	22.13 0.94 0.00	26.85 1.10 0.00	26.89 1.07 0.00	28.50 1.16 0.00	32.42 1.41 0.00	31.74 1.48 0.00	40.92 1.69 0.00	49.06 1.76 0.00	50.75 1.43 0.00	46.69 1.31 0.00	49.50 1.51 0.00	49.06 1.48 0.00	37.15 1.07 0.00
ST_LAW_115_BK7_LBMP 345037	29.14 0.07 0.00	27.01 0.06 0.00	24.93 0.06 0.00	25.18 0.07 0.00	26.60 0.08 0.00	26.63 0.05 0.00	25.77 0.05 0.00	26.47 0.07 0.00	22.19 0.07 0.00	18.87 0.07 0.00	20.31 0.11 0.00	21.29 0.10 0.00	25.85 0.10 0.00	25.91 0.09 0.00	27.45 0.11 0.00	31.12 0.11 0.00	30.34 0.07 0.00	39.39 0.15 0.00	47.42 0.12 0.00	49.58 0.26 0.00	45.44 0.07 0.00	47.99 0.01 0.00	47.61 0.04 0.00	36.11 0.02 0.00
ST_LAW_115_BK8_LBMP 345038	29.14 0.07 0.00	27.01 0.06 0.00	24.93 0.06 0.00	25.18 0.07 0.00	26.60 0.08 0.00	26.63 0.05 0.00	25.77 0.05 0.00	26.47 0.07 0.00	22.19 0.07 0.00	18.87 0.07 0.00	20.31 0.11 0.00	21.29 0.10 0.00	25.85 0.10 0.00	25.91 0.09 0.00	27.45 0.11 0.00	31.12 0.11 0.00	30.34 0.07 0.00	39.39 0.15 0.00	47.42 0.12 0.00	49.58 0.26 0.00	45.44 0.07 0.00	47.99 0.01 0.00	47.61 0.04 0.00	36.11 0.02 0.00
ST_LAW_230_BK5_LBMP 345035	29.13 0.06 0.00	27.00 0.05 0.00	24.92 0.05 0.00	25.18 0.07 0.00	26.60 0.08 0.00	26.62 0.05 0.00	25.77 0.05 0.00	26.46 0.06 0.00	22.18 0.06 0.00	18.87 0.07 0.00	20.30 0.09 0.00	21.27 0.09 0.00	25.84 0.09 0.00	25.90 0.09 0.00	27.44 0.10 0.00	31.12 0.11 0.00	30.33 0.07 0.00	39.38 0.14 0.00	47.42 0.12 0.00	49.57 0.25 0.00	45.45 0.08 0.00	48.01 0.02 0.00	47.62 0.05 0.00	36.11 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	29.13 0.06 0.00	27.00 0.05 0.00	24.92 0.05 0.00	25.18 0.07 0.00	26.60 0.08 0.00	26.62 0.05 0.00	25.77 0.05 0.00	26.46 0.06 0.00	22.18 0.06 0.00	18.87 0.07 0.00	20.30 0.09 0.00	21.27 0.09 0.00	25.84 0.09 0.00	25.90 0.09 0.00	27.44 0.10 0.00	31.12 0.11 0.00	30.33 0.07 0.00	39.38 0.14 0.00	47.42 0.12 0.00	49.57 0.25 0.00	45.45 0.08 0.00	48.01 0.02 0.00	47.62 0.05 0.00	36.11 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.82 0.76 0.00	27.62 0.67 0.00	25.45 0.58 0.00	25.61 0.51 0.00	27.04 0.52 0.00	27.13 0.55 0.00	26.33 0.61 0.00	27.13 0.73 0.00	22.88 0.76 0.00	19.53 0.73 0.00	20.75 0.84 0.29	18.69 0.86 3.35	26.76 1.01 0.00	26.81 0.99 0.00	28.43 1.09 0.00	32.32 1.31 0.00	31.62 1.36 0.00	40.79 1.56 0.00	48.98 1.68 0.00	50.66 1.33 0.00	46.54 1.17 0.00	49.35 1.36 0.00	48.94 1.36 0.00	37.07 0.99 0.00
SWANROAD_115KV_TB1 355699	26.68 -2.39 0.00	24.72 -2.23 0.00	22.82 -2.05 0.00	23.16 -1.95 0.00	24.39 -2.14 0.00	24.42 -2.16 0.00	23.63 -2.08 0.00	24.65 -1.75 0.00	20.79 -1.32 0.00	17.68 -1.12 0.00	19.11 -1.10 0.00	20.02 -1.17 0.00	24.21 -1.54 0.00	24.25 -1.57 0.00	25.80 -1.54 0.00	29.17 -1.84 0.00	28.01 -2.25 0.00	36.24 -3.00 0.00	43.92 -3.38 0.00	46.90 -2.43 0.00	43.15 -2.22 0.00	45.38 -2.60 0.00	45.48 -2.09 0.00	34.38 -1.70 0.00
SYNERGY___BIOGAS 323694	27.81 -1.25 0.00	25.75 -1.20 0.00	23.75 -1.12 0.00	24.07 -1.03 0.00	25.36 -1.17 0.00	25.41 -1.17 0.00	24.57 -1.14 0.00	25.55 -0.85 0.00	21.40 -0.72 0.00	18.06 -0.73 0.00	19.48 -0.73 0.00	20.41 -0.78 0.00	24.75 -1.00 0.00	24.80 -1.02 0.00	26.42 -0.91 0.00	29.95 -1.07 0.00	28.88 -1.39 0.00	37.61 -1.63 0.00	45.95 -1.34 0.00	49.23 -0.10 0.00	45.32 -0.06 0.00	47.55 -0.43 0.00	47.38 -0.19 0.00	35.73 -0.36 0.00
SYRACUSE___ENERGY_ST1 323597	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	28.68 -0.38 0.00	26.63 -0.33 0.00	24.57 -0.30 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.25 -0.33 0.00	25.34 -0.37 0.00	25.99 -0.41 0.00	21.72 -0.40 0.00	18.41 -0.38 0.00	19.78 -0.42 0.00	20.77 -0.42 0.00	25.29 -0.46 0.00	25.38 -0.44 0.00	26.90 -0.44 0.00	30.52 -0.49 0.00	29.86 -0.40 0.00	38.79 -0.45 0.00	46.91 -0.38 0.00	49.04 -0.29 0.00	45.04 -0.33 0.00	47.53 -0.45 0.00	47.04 -0.53 0.00	35.65 -0.43 0.00
SYRACUSE___POWER 24017	28.68 -0.38 0.00	26.62 -0.33 0.00	24.55 -0.31 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.24 -0.33 0.00	25.33 -0.38 0.00	25.99 -0.41 0.00	21.72 -0.39 0.00	18.43 -0.37 0.00	19.81 -0.39 0.00	20.79 -0.39 0.00	25.32 -0.43 0.00	25.41 -0.41 0.00	26.92 -0.41 0.00	30.56 -0.46 0.00	29.90 -0.37 0.00	38.86 -0.38 0.00	46.96 -0.33 0.00	49.09 -0.24 0.00	45.11 -0.26 0.00	47.59 -0.40 0.00	47.09 -0.48 0.00	35.68 -0.40 0.00
TALLMAN___138KV_BK151 55660	29.94 0.88 0.00	27.73 0.78 0.00	25.53 0.67 0.00	25.70 0.60 0.00	27.12 0.60 0.00	27.22 0.64 0.00	26.42 0.70 0.00	27.25 0.84 0.00	23.01 0.90 0.00	19.67 0.87 0.00	20.81 1.00 0.39	17.71 1.03 4.50	26.96 1.21 0.00	27.02 1.19 0.00	28.65 1.31 0.00	32.57 1.56 0.00	31.85 1.59 0.00	41.03 1.80 0.00	49.23 1.94 0.00	50.83 1.50 0.00	46.67 1.29 0.00	49.53 1.55 0.00	49.14 1.56 0.00	37.24 1.15 0.00
TEALLAVE_115KV_TB7 355573	28.55 -0.52 0.00	26.50 -0.45 0.00	24.45 -0.42 0.00	24.70 -0.41 0.00	26.08 -0.45 0.00	26.12 -0.46 0.00	25.21 -0.50 0.00	25.86 -0.54 0.00	21.63 -0.48 0.00	18.36 -0.44 0.00	19.74 -0.46 0.00	20.72 -0.46 0.00	25.24 -0.51 0.00	25.31 -0.51 0.00	26.83 -0.51 0.00	30.45 -0.57 0.00	29.76 -0.50 0.00	38.66 -0.58 0.00	46.69 -0.60 0.00	48.81 -0.52 0.00	44.86 -0.51 0.00	47.32 -0.66 0.00	46.85 -0.72 0.00	35.51 -0.58 0.00

TELGRAPH_34_KV_EAST 80808	27.35 -1.71 0.00	25.33 -1.62 0.00	23.37 -1.49 0.00	23.70 -1.40 0.00	24.97 -1.56 0.00	25.00 -1.58 0.00	24.19 -1.53 0.00	25.19 -1.21 0.00	21.18 -0.93 0.00	17.97 -0.83 0.00	19.40 -0.81 0.00	20.32 -0.86 0.00	24.62 -1.13 0.00	24.69 -1.13 0.00	26.29 -1.05 0.00	29.73 -1.28 0.00	28.65 -1.61 0.00	37.14 -2.09 0.00	45.21 -2.08 0.00	48.27 -1.06 0.00	44.41 -0.97 0.00	46.64 -1.35 0.00	46.59 -0.98 0.00	35.17 -0.91 0.00
TEMPLE___115KV_TB 2 55572	28.57 -0.50 0.00	26.51 -0.44 0.00	24.45 -0.41 0.00	24.70 -0.40 0.00	26.08 -0.44 0.00	26.12 -0.45 0.00	25.22 -0.49 0.00	25.87 -0.53 0.00	21.63 -0.48 0.00	18.37 -0.43 0.00	19.75 -0.45 0.00	20.74 -0.45 0.00	25.25 -0.49 0.00	25.33 -0.49 0.00	26.85 -0.49 0.00	30.46 -0.56 0.00	29.78 -0.48 0.00	38.68 -0.55 0.00	46.72 -0.57 0.00	48.82 -0.51 0.00	44.89 -0.49 0.00	47.35 -0.64 0.00	46.87 -0.70 0.00	35.53 -0.56 0.00
TIANA___69_KV_BK 1 55817	31.46 2.40 0.00	28.95 2.00 0.00	26.61 1.75 0.00	26.72 1.62 0.00	28.21 1.68 0.00	28.29 1.71 0.00	27.45 1.74 0.00	28.31 1.91 0.00	23.89 1.77 0.00	20.44 1.64 0.00	22.48 1.98 -0.29	26.60 2.09 -3.33	28.26 2.50 0.00	28.24 2.42 0.00	30.01 2.67 0.00	33.92 2.90 0.00	32.91 2.65 0.00	42.65 3.40 -0.01	50.36 3.07 0.00	51.30 1.97 0.00	47.35 1.97 0.00	50.57 2.59 0.00	49.75 2.18 0.00	38.17 2.09 0.00
TILDEN___115KV_TB1 80814	28.68 -0.38 0.00	26.62 -0.33 0.00	24.55 -0.31 0.00	24.80 -0.30 0.00	26.19 -0.34 0.00	26.24 -0.33 0.00	25.33 -0.38 0.00	25.99 -0.41 0.00	21.72 -0.39 0.00	18.43 -0.37 0.00	19.81 -0.39 0.00	20.79 -0.39 0.00	25.32 -0.43 0.00	25.41 -0.41 0.00	26.92 -0.41 0.00	30.56 -0.46 0.00	29.90 -0.37 0.00	38.86 -0.38 0.00	46.96 -0.33 0.00	49.09 -0.24 0.00	45.11 -0.26 0.00	47.59 -0.40 0.00	47.09 -0.48 0.00	35.68 -0.40 0.00
TRIGEN___CC 323695	30.47 1.41 0.00	28.16 1.21 0.00	25.92 1.05 0.00	26.05 0.94 0.00	27.48 0.95 0.00	27.57 1.00 0.00	26.76 1.04 0.00	27.57 1.17 0.00	23.31 1.19 0.00	19.92 1.12 0.00	21.84 1.35 -0.29	25.90 1.38 -3.33	27.39 1.64 0.00	27.47 1.65 0.00	29.11 1.77 0.00	33.07 2.05 0.00	32.26 2.00 0.00	41.56 2.32 -0.01	49.46 2.17 0.00	50.89 1.57 0.00	46.94 1.57 0.00	50.07 2.09 0.00	49.56 1.99 0.00	37.72 1.63 0.00
TRINITY___115KV__ 4 BK 55933	29.35 0.28 0.00	27.21 0.26 0.00	25.12 0.25 0.00	25.31 0.20 0.00	26.76 0.23 0.00	26.85 0.27 0.00	26.05 0.33 0.00	26.72 0.32 0.00	22.36 0.24 0.00	18.99 0.19 0.00	20.40 0.16 -0.04	21.77 0.17 -0.42	25.96 0.21 0.00	26.06 0.24 0.00	27.53 0.19 0.00	31.28 0.26 0.00	30.50 0.24 0.00	39.43 0.20 0.00	47.50 0.21 0.00	49.40 0.07 0.00	45.61 0.23 0.00	48.30 0.32 0.00	47.91 0.33 0.00	36.48 0.40 0.00
UNION___PROCESSING_DRP 323587	28.00 -1.06 0.00	25.95 -1.00 0.00	23.93 -0.93 0.00	24.21 -0.89 0.00	25.53 -1.00 0.00	25.57 -1.01 0.00	24.71 -1.00 0.00	25.55 -0.85 0.00	21.46 -0.66 0.00	18.22 -0.57 0.00	19.66 -0.54 0.00	20.64 -0.54 0.00	25.10 -0.65 0.00	25.17 -0.65 0.00	26.74 -0.59 0.00	30.32 -0.69 0.00	29.42 -0.84 0.00	38.20 -1.03 0.00	46.32 -0.98 0.00	48.98 -0.35 0.00	45.05 -0.33 0.00	47.35 -0.63 0.00	47.06 -0.51 0.00	35.55 -0.54 0.00
UPPER HUDSON___HYD 24058	30.06 0.99 0.00	27.85 0.89 0.00	25.71 0.85 0.00	25.89 0.78 0.00	27.34 0.81 0.00	27.47 0.89 0.00	26.68 0.97 0.00	27.36 0.96 0.00	22.70 0.58 0.00	19.08 0.28 0.00	20.21 0.00 0.00	21.14 -0.05 0.00	25.79 0.04 0.00	25.83 0.01 0.00	27.31 -0.03 0.00	31.10 0.09 0.00	30.53 0.27 0.00	40.05 0.81 0.00	49.06 1.76 0.00	51.15 1.82 0.00	47.40 2.03 0.00	49.91 1.93 0.00	49.42 1.85 0.00	37.42 1.33 0.00
UPPER RAQUET___HYD 24056	29.52 0.46 0.00	27.32 0.37 0.00	25.16 0.29 0.00	25.49 0.39 0.00	26.86 0.34 0.00	26.88 0.30 0.00	26.02 0.31 0.00	26.67 0.27 0.00	22.34 0.23 0.00	18.93 0.12 0.00	20.40 0.19 0.00	21.36 0.18 0.00	25.95 0.20 0.00	26.04 0.21 0.00	27.60 0.26 0.00	31.17 0.15 0.00	30.35 0.09 0.00	39.59 0.36 0.00	47.84 0.55 0.00	50.15 0.83 0.00	45.87 0.49 0.00	48.50 0.51 0.00	47.96 0.39 0.00	36.35 0.27 0.00
VALLEY44_115KV_TB2 355964	28.05 -1.02 0.00	25.99 -0.96 0.00	24.00 -0.87 0.00	24.40 -0.70 0.00	25.72 -0.80 0.00	25.77 -0.81 0.00	24.92 -0.79 0.00	25.89 -0.51 0.00	21.82 -0.30 0.00	18.57 -0.22 0.00	19.98 -0.22 0.00	20.89 -0.29 0.00	25.27 -0.48 0.00	25.25 -0.57 0.00	26.77 -0.57 0.00	30.18 -0.84 0.00	29.39 -0.87 0.00	38.22 -1.02 0.00	46.52 -0.78 0.00	48.90 -0.42 0.00	44.77 -0.61 0.00	47.13 -0.85 0.00	46.80 -0.77 0.00	35.41 -0.68 0.00
VALLEY___115KV_TB 1-4 80826	29.46 0.40 0.00	27.23 0.28 0.00	25.12 0.25 0.00	25.30 0.20 0.00	26.74 0.21 0.00	26.81 0.23 0.00	26.03 0.32 0.00	26.64 0.24 0.00	22.04 -0.08 0.00	18.61 -0.19 0.00	19.90 -0.31 0.00	20.91 -0.27 0.00	25.51 -0.24 0.00	25.57 -0.25 0.00	27.01 -0.32 0.00	30.73 -0.28 0.00	30.01 -0.25 0.00	39.24 0.01 0.00	47.69 0.40 0.00	49.78 0.45 0.00	45.93 0.55 0.00	48.82 0.84 0.00	48.36 0.79 0.00	36.64 0.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.85 0.79 0.00	27.63 0.68 0.00	25.47 0.61 0.00	25.74 0.63 0.00	27.25 0.72 0.00	27.31 0.73 0.00	26.44 0.73 0.00	27.20 0.79 0.00	22.83 0.72 0.00	19.43 0.64 0.00	20.89 0.69 0.00	21.89 0.71 0.00	26.59 0.84 0.00	26.67 0.85 0.00	28.21 0.87 0.00	32.01 0.99 0.00	31.41 1.14 0.00	40.75 1.52 0.00	48.96 1.67 0.00	50.92 1.60 0.00	46.86 1.48 0.00	49.49 1.51 0.00	48.99 1.41 0.00	37.08 1.00 0.00
VISCHER___FERRY HYD 24020	29.82 0.76 0.00	27.63 0.68 0.00	25.51 0.64 0.00	25.68 0.58 0.00	27.14 0.61 0.00	27.26 0.68 0.00	26.45 0.74 0.00	27.13 0.73 0.00	22.64 0.52 0.00	19.19 0.39 0.00	20.55 0.31 -0.04	21.93 0.33 -0.41	26.17 0.42 0.00	26.26 0.44 0.00	27.74 0.40 0.00	31.56 0.54 0.00	30.79 0.53 0.00	39.92 0.68 0.00	48.26 0.96 0.00	50.27 0.94 0.00	46.45 1.07 0.00	49.20 1.22 0.00	48.83 1.26 0.00	37.05 0.97 0.00
V_A_10_SYNC_DSASP 323832	27.27 -1.79 0.00	25.29 -1.67 0.00	23.33 -1.54 0.00	23.65 -1.46 0.00	24.92 -1.61 0.00	24.95 -1.63 0.00	24.12 -1.59 0.00	25.06 -1.35 0.00	21.14 -0.98 0.00	17.98 -0.82 0.00	19.41 -0.79 0.00	20.35 -0.83 0.00	24.68 -1.07 0.00	24.72 -1.10 0.00	26.28 -1.06 0.00	29.74 -1.27 0.00	28.68 -1.58 0.00	37.13 -2.11 0.00	44.93 -2.36 0.00	47.71 -1.62 0.00	43.90 -1.48 0.00	46.18 -1.80 0.00	46.11 -1.46 0.00	34.86 -1.23 0.00
V_CMM_10_SYNC_DSASP 323787	29.25 0.19 0.00	27.12 0.17 0.00	25.03 0.16 0.00	25.28 0.17 0.00	26.71 0.18 0.00	26.74 0.16 0.00	25.87 0.16 0.00	26.57 0.17 0.00	22.28 0.17 0.00	18.95 0.15 0.00	20.40 0.19 0.00	21.37 0.19 0.00	25.95 0.20 0.00	26.01 0.19 0.00	27.56 0.22 0.00	31.25 0.24 0.00	30.46 0.20 0.00	39.53 0.30 0.00	47.55 0.26 0.00	49.76 0.43 0.00	45.60 0.22 0.00	48.10 0.12 0.00	47.78 0.21 0.00	36.24 0.15 0.00

V_CMP_10_SYNC_DSASP 323788	29.50 0.44 0.00	27.31 0.36 0.00	25.26 0.39 0.00	25.48 0.38 0.00	26.96 0.44 0.00	26.99 0.41 0.00	26.11 0.39 0.00	26.79 0.38 0.00	22.41 0.29 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.30 0.00	26.08 0.33 0.00	26.12 0.30 0.00	27.65 0.32 0.00	31.40 0.39 0.00	30.74 0.47 0.00	39.98 0.75 0.00	48.13 0.84 0.00	50.22 0.89 0.00	46.00 0.62 0.00	48.55 0.56 0.00	48.09 0.52 0.00	36.51 0.42 0.00
V_D_10_SYNC_DSASP 323841	29.45 0.38 0.00	27.29 0.34 0.00	25.17 0.30 0.00	25.44 0.34 0.00	26.87 0.34 0.00	26.90 0.32 0.00	26.03 0.31 0.00	26.72 0.32 0.00	22.40 0.28 0.00	19.04 0.24 0.00	20.49 0.29 0.00	21.47 0.29 0.00	26.08 0.33 0.00	26.14 0.32 0.00	27.70 0.36 0.00	31.40 0.38 0.00	30.60 0.34 0.00	39.77 0.53 0.00	47.87 0.58 0.00	50.08 0.75 0.00	45.89 0.51 0.00	48.45 0.47 0.00	48.04 0.47 0.00	36.45 0.36 0.00
V_E_10_SYNC_DSASP 323830	30.38 1.32 0.00	28.12 1.17 0.00	25.92 1.05 0.00	26.29 1.18 0.00	27.74 1.21 0.00	27.86 1.28 0.00	26.84 1.13 0.00	27.41 1.01 0.00	22.77 0.65 0.00	19.13 0.33 0.00	20.23 0.03 0.00	21.32 0.13 0.00	25.91 0.16 0.00	26.17 0.35 0.00	27.80 0.46 0.00	31.65 0.64 0.00	31.33 1.07 0.00	40.86 1.62 0.00	50.35 3.06 0.00	53.07 3.75 0.00	48.95 3.57 0.00	51.55 3.57 0.00	50.80 3.23 0.00	38.28 2.20 0.00
V_F_30_NSYNC___DSASP 323816	30.12 1.06 0.00	27.90 0.95 0.00	25.75 0.89 0.00	25.94 0.84 0.00	27.42 0.90 0.00	27.54 0.97 0.00	26.71 1.00 0.00	27.40 1.00 0.00	22.79 0.67 0.00	19.25 0.45 0.00	20.54 0.34 0.00	21.52 0.34 0.00	26.22 0.47 0.00	26.32 0.50 0.00	27.81 0.47 0.00	31.67 0.66 0.00	31.01 0.75 0.00	40.42 1.19 0.00	49.07 1.78 0.00	51.15 1.82 0.00	47.25 1.87 0.00	49.91 1.93 0.00	49.46 1.89 0.00	37.47 1.39 0.00
V_F_30_SYNC_DSASP 323786	29.46 0.39 0.00	27.31 0.36 0.00	25.21 0.34 0.00	25.40 0.30 0.00	26.85 0.32 0.00	26.95 0.37 0.00	26.14 0.43 0.00	26.82 0.42 0.00	22.43 0.31 0.00	19.05 0.25 0.00	20.47 0.23 -0.04	21.85 0.25 -0.42	26.07 0.32 0.00	26.18 0.36 0.00	27.66 0.32 0.00	31.43 0.41 0.00	30.67 0.41 0.00	39.68 0.44 0.00	47.79 0.50 0.00	49.69 0.36 0.00	45.87 0.49 0.00	48.53 0.55 0.00	48.14 0.57 0.00	36.65 0.56 0.00
V_XM_10_SYNC_DSASP 323789	29.50 0.44 0.00	27.31 0.36 0.00	25.26 0.39 0.00	25.48 0.38 0.00	26.96 0.44 0.00	26.99 0.41 0.00	26.11 0.39 0.00	26.79 0.38 0.00	22.41 0.29 0.00	19.07 0.27 0.00	20.51 0.31 0.00	21.49 0.30 0.00	26.08 0.33 0.00	26.12 0.30 0.00	27.65 0.32 0.00	31.40 0.39 0.00	30.74 0.47 0.00	39.98 0.75 0.00	48.13 0.84 0.00	50.22 0.89 0.00	46.00 0.62 0.00	48.55 0.56 0.00	48.09 0.52 0.00	36.51 0.42 0.00
W.BABYLN_69_KV_BK1 56697	31.12 2.06 0.00	28.70 1.75 0.00	26.40 1.53 0.00	26.49 1.39 0.00	27.96 1.43 0.00	28.06 1.48 0.00	27.23 1.52 0.00	28.07 1.66 0.00	23.72 1.61 0.00	20.25 1.44 -0.29	22.19 1.69 -3.33	26.26 1.75 0.00	27.83 2.08 0.00	27.92 2.10 0.00	29.66 2.32 0.00	33.70 2.68 0.00	32.85 2.59 0.00	42.40 3.15 -0.01	50.31 3.02 0.00	51.53 2.21 0.00	47.64 2.27 0.00	50.94 2.96 0.00	50.34 2.77 0.00	38.38 2.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.06 0.99 0.00	27.83 0.88 0.00	25.63 0.76 0.00	25.79 0.69 0.00	27.22 0.70 0.00	27.32 0.74 0.00	26.51 0.80 0.00	27.35 0.95 0.00	23.10 0.98 0.00	19.73 0.93 0.00	20.85 1.08 0.43	17.41 1.10 4.87	27.06 1.31 0.00	27.12 1.30 0.00	28.75 1.42 0.00	32.70 1.69 0.00	31.99 1.73 0.00	41.23 1.99 0.00	49.45 2.16 0.00	51.05 1.73 0.00	46.89 1.51 0.00	49.75 1.77 0.00	49.34 1.77 0.00	37.38 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.16 1.10 0.00	27.92 0.97 0.00	25.73 0.86 0.00	25.86 0.76 0.00	27.28 0.75 0.00	27.37 0.79 0.00	26.58 0.86 0.00	27.41 1.01 0.00	23.19 1.07 0.00	19.84 1.04 0.00	21.70 1.20 -0.29	25.78 1.24 -3.35	27.23 1.48 0.00	27.25 1.43 0.00	28.87 1.53 0.00	32.83 1.81 0.00	32.10 1.84 0.00	41.28 2.04 0.00	49.36 2.07 0.00	50.91 1.58 0.00	46.82 1.44 0.00	49.81 1.83 0.00	49.46 1.89 0.00	37.52 1.43 0.00
W50THST__13_KV_LOAD 356117	30.31 1.25 0.00	28.07 1.12 0.00	25.86 0.98 0.00	25.99 0.88 0.00	27.41 0.88 0.00	27.50 0.92 0.00	26.72 1.01 0.00	27.56 1.15 0.00	23.32 1.21 0.00	19.97 1.17 0.00	21.86 1.36 -0.29	25.93 1.40 -3.35	27.42 1.67 0.00	27.46 1.64 0.00	29.08 1.74 0.00	33.07 2.06 0.00	32.34 2.08 0.00	41.59 2.35 0.00	49.68 2.39 0.00	51.22 1.90 0.00	47.10 1.72 0.00	50.09 2.10 0.00	49.72 2.15 0.00	37.71 1.62 0.00
WADING RIVER_IC_1 23522	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.56 0.00	26.53 1.42 0.00	28.00 1.47 0.00	28.09 1.52 0.00	27.27 1.55 0.00	28.11 1.71 0.00	23.73 1.61 0.00	20.27 1.48 0.00	22.26 1.77 -0.29	26.35 1.84 -3.33	27.94 2.19 0.00	27.88 2.06 0.00	29.60 2.26 0.00	33.40 2.38 0.00	32.35 2.09 0.00	41.89 2.64 -0.01	49.43 2.14 0.00	50.48 1.15 0.00	46.63 1.25 0.00	49.89 1.91 0.00	49.16 1.59 0.00	37.81 1.73 0.00
WADING RIVER_IC_2 23547	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.56 0.00	26.53 1.42 0.00	28.00 1.47 0.00	28.09 1.52 0.00	27.27 1.55 0.00	28.11 1.71 0.00	23.73 1.61 0.00	20.27 1.48 0.00	22.26 1.77 -0.29	26.35 1.84 -3.33	27.94 2.19 0.00	27.88 2.06 0.00	29.60 2.26 0.00	33.40 2.38 0.00	32.35 2.09 0.00	41.89 2.64 -0.01	49.43 2.14 0.00	50.48 1.15 0.00	46.63 1.25 0.00	49.89 1.91 0.00	49.16 1.59 0.00	37.81 1.73 0.00
WADING RIVER_IC_3 23601	31.20 2.14 0.00	28.73 1.78 0.00	26.42 1.56 0.00	26.53 1.42 0.00	28.00 1.47 0.00	28.09 1.52 0.00	27.27 1.55 0.00	28.11 1.71 0.00	23.73 1.61 0.00	20.27 1.48 0.00	22.26 1.77 -0.29	26.35 1.84 -3.33	27.94 2.19 0.00	27.88 2.06 0.00	29.60 2.26 0.00	33.40 2.38 0.00	32.35 2.09 0.00	41.89 2.64 -0.01	49.43 2.14 0.00	50.48 1.15 0.00	46.63 1.25 0.00	49.89 1.91 0.00	49.16 1.59 0.00	37.81 1.73 0.00
WALDENNY_12_KV_BK2 80841	27.43 -1.64 0.00	25.39 -1.56 0.00	23.44 -1.43 0.00	23.79 -1.31 0.00	25.05 -1.47 0.00	25.10 -1.48 0.00	24.25 -1.46 0.00	25.27 -1.13 0.00	21.31 -0.81 0.00	18.13 -0.67 0.00	19.59 -0.61 0.00	20.55 -0.63 0.00	24.90 -0.85 0.00	24.95 -0.87 0.00	26.59 -0.75 0.00	30.07 -0.94 0.00	29.00 -1.26 0.00	37.59 -1.65 0.00	45.57 -1.73 0.00	48.51 -0.81 0.00	44.61 -0.76 0.00	46.84 -1.14 0.00	46.77 -0.80 0.00	35.32 -0.76 0.00
WALDEN___HYDRO 24148	29.98 0.91 0.00	27.75 0.80 0.00	25.56 0.69 0.00	25.73 0.62 0.00	27.16 0.63 0.00	27.25 0.67 0.00	26.44 0.72 0.00	27.25 0.85 0.00	22.97 0.85 0.00	19.59 0.79 0.00	21.00 0.90 0.10	20.96 0.92 1.15	26.82 1.08 0.00	26.88 1.07 0.00	28.50 1.16 0.00	32.41 1.40 0.00	31.74 1.48 0.00	41.00 1.76 0.00	49.20 1.91 0.00	50.96 1.63 0.00	46.84 1.46 0.00	49.64 1.66 0.00	49.20 1.63 0.00	37.27 1.18 0.00

WARRENSBURG____ 23737	30.06 0.99 0.00	27.85 0.90 0.00	25.72 0.85 0.00	25.88 0.78 0.00	27.34 0.82 0.00	27.47 0.89 0.00	26.68 0.97 0.00	27.36 0.96 0.00	22.70 0.58 0.00	19.08 0.28 0.00	20.21 0.00 0.00	21.14 -0.05 0.00	25.79 0.04 0.00	25.83 0.01 0.00	27.31 -0.03 0.00	31.10 0.08 0.00	30.53 0.27 0.00	40.05 0.82 0.00	49.06 1.77 0.00	51.15 1.82 0.00	47.40 2.03 0.00	49.91 1.93 0.00	49.42 1.84 0.00	37.42 1.33 0.00
WATERSIDE____6 8 9 23538	30.19 1.13 0.00	27.98 1.02 0.00	25.77 0.90 0.00	25.89 0.79 0.00	27.31 0.78 0.00	27.40 0.83 0.00	26.62 0.91 0.00	27.45 1.04 0.00	23.24 1.13 0.00	19.89 1.09 0.00	21.75 1.26 -0.29	25.81 1.28 -3.34	27.27 1.52 0.00	27.30 1.48 0.00	28.90 1.56 0.00	32.87 1.86 0.00	32.15 1.88 0.00	41.28 2.04 0.00	49.28 1.98 0.00	50.83 1.51 0.00	46.77 1.39 0.00	49.80 1.82 0.00	49.53 1.95 0.00	37.55 1.47 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.32 0.25 0.00	27.14 0.18 0.00	25.04 0.17 0.00	25.24 0.14 0.00	26.66 0.14 0.00	26.73 0.15 0.00	25.93 0.21 0.00	26.57 0.17 0.00	22.05 -0.07 0.00	18.66 -0.14 0.00	19.98 -0.23 0.00	20.98 -0.20 0.00	25.57 -0.18 0.00	25.63 -0.18 0.00	27.10 -0.24 0.00	30.79 -0.22 0.00	30.08 -0.18 0.00	39.22 -0.02 0.00	47.54 0.25 0.00	49.61 0.28 0.00	45.74 0.36 0.00	48.55 0.56 0.00	48.09 0.52 0.00	36.45 0.36 0.00
WDELAWARE____HYD 323627	29.52 0.46 0.00	27.32 0.37 0.00	25.17 0.30 0.00	25.34 0.24 0.00	26.75 0.23 0.00	26.85 0.27 0.00	26.06 0.34 0.00	26.86 0.45 0.00	22.61 0.49 0.00	19.27 0.47 0.00	20.65 0.52 0.08	20.80 0.52 0.90	26.34 0.59 0.00	26.41 0.59 0.00	27.99 0.66 0.00	31.87 0.85 0.00	31.27 1.01 0.00	40.50 1.26 0.00	48.63 1.34 0.00	50.37 1.04 0.00	46.28 0.90 0.00	49.01 1.03 0.00	48.53 0.96 0.00	36.71 0.63 0.00
WEST BABYLON____IC 23714	31.12 2.06 0.00	28.70 1.75 0.00	26.40 1.53 0.00	26.49 1.39 0.00	27.96 1.43 0.00	28.06 1.48 0.00	27.23 1.52 0.00	28.07 1.66 0.00	23.72 1.61 0.00	20.25 1.44 0.00	22.19 1.69 -0.29	26.26 1.75 -3.33	27.83 2.08 0.00	27.92 2.10 0.00	29.66 2.32 0.00	33.70 2.68 0.00	32.85 2.59 0.00	42.40 3.15 -0.01	50.31 3.02 0.00	51.53 2.21 0.00	47.64 2.27 0.00	50.94 2.96 0.00	50.34 2.77 0.00	38.38 2.30 0.00
WEST CANADA____HYD 24049	29.11 0.05 0.00	26.98 0.04 0.00	24.89 0.02 0.00	25.13 0.02 0.00	26.55 0.03 0.00	26.61 0.03 0.00	25.76 0.05 0.00	26.43 0.03 0.00	22.12 0.00 0.00	18.80 0.00 0.00	20.18 -0.02 0.00	21.17 -0.02 0.00	25.73 -0.02 0.00	25.82 0.00 0.00	27.32 -0.02 0.00	31.00 -0.02 0.00	30.26 0.00 0.00	39.25 0.01 0.00	47.33 0.04 0.00	49.34 0.01 0.00	45.42 0.05 0.00	48.06 0.08 0.00	47.64 0.07 0.00	36.16 0.07 0.00
WESTERN_NY_WIND 24143	27.76 -1.30 0.00	25.71 -1.24 0.00	23.70 -1.16 0.00	24.03 -1.07 0.00	25.32 -1.21 0.00	25.37 -1.21 0.00	24.53 -1.18 0.00	25.51 -0.89 0.00	21.37 -0.74 0.00	18.05 -0.75 0.00	19.46 -0.74 0.00	20.39 -0.79 0.00	24.72 -1.03 0.00	24.78 -1.04 0.00	26.40 -0.94 0.00	29.92 -1.09 0.00	28.84 -1.42 0.00	37.57 -1.67 0.00	45.88 -1.41 0.00	49.14 -0.19 0.00	45.23 -0.15 0.00	47.46 -0.52 0.00	47.30 -0.27 0.00	35.68 -0.40 0.00
WESTOVER____LESR 323668	28.76 -0.30 0.00	26.64 -0.31 0.00	24.61 -0.25 0.00	24.90 -0.21 0.00	26.28 -0.25 0.00	26.35 -0.23 0.00	25.46 -0.25 0.00	26.21 -0.19 0.00	21.97 -0.15 0.00	18.67 -0.13 0.00	20.04 -0.16 0.00	21.04 -0.15 0.00	25.55 -0.20 0.00	25.59 -0.23 0.00	27.13 -0.20 0.00	30.75 -0.26 0.00	30.11 -0.15 0.00	39.12 -0.12 0.00	47.26 -0.03 0.00	49.38 0.05 0.00	45.30 -0.08 0.00	47.85 -0.13 0.00	47.37 -0.20 0.00	35.93 -0.16 0.00
WETHRSFD_WT_PWR 323626	27.61 -1.46 0.00	25.55 -1.40 0.00	23.58 -1.28 0.00	23.97 -1.14 0.00	25.29 -1.24 0.00	25.34 -1.23 0.00	24.48 -1.24 0.00	25.41 -0.99 0.00	21.24 -0.87 0.00	17.99 -0.81 0.00	19.38 -0.82 0.00	20.32 -0.86 0.00	24.63 -1.12 0.00	24.66 -1.16 0.00	26.22 -1.11 0.00	29.68 -1.33 0.00	28.83 -1.44 0.00	37.54 -1.70 0.00	45.67 -1.62 0.00	48.62 -0.71 0.00	44.44 -0.72 0.22	46.96 -1.03 0.00	46.75 -0.82 0.00	35.35 -0.73 0.00
WHAVSTOR_138KV_BK127 55557	29.93 0.87 0.00	27.72 0.77 0.00	25.53 0.66 0.00	25.69 0.59 0.00	27.12 0.59 0.00	27.21 0.63 0.00	26.41 0.70 0.00	27.23 0.83 0.00	22.99 0.88 0.00	19.65 0.85 0.00	20.75 0.98 0.43	17.24 1.01 4.95	26.94 1.19 0.00	26.98 1.16 0.00	28.60 1.26 0.00	32.53 1.51 0.00	31.80 1.54 0.00	40.96 1.73 0.00	49.13 1.84 0.00	50.72 1.40 0.00	46.61 1.24 0.00	49.48 1.49 0.00	49.09 1.52 0.00	37.21 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.93 0.87 0.00	27.72 0.77 0.00	25.53 0.66 0.00	25.69 0.59 0.00	27.12 0.59 0.00	27.21 0.63 0.00	26.41 0.70 0.00	27.23 0.83 0.00	22.99 0.88 0.00	19.65 0.85 0.00	20.75 0.98 0.43	17.24 1.01 4.95	26.94 1.19 0.00	26.98 1.16 0.00	28.60 1.26 0.00	32.53 1.51 0.00	31.80 1.54 0.00	40.96 1.73 0.00	49.13 1.84 0.00	50.72 1.40 0.00	46.61 1.24 0.00	49.48 1.49 0.00	49.09 1.52 0.00	37.21 1.12 0.00
WHITEHAL_115KV_TB1 80871	31.03 1.96 0.00	28.74 1.79 0.00	26.60 1.73 0.00	26.67 1.56 0.00	28.07 1.54 0.00	28.26 1.69 0.00	27.56 1.84 0.00	28.26 1.86 0.00	23.27 1.15 0.00	19.37 0.57 0.00	20.38 0.17 0.00	21.21 0.02 0.00	25.98 0.23 0.00	26.09 0.27 0.00	27.57 0.23 0.00	31.52 0.50 0.00	31.23 0.97 0.00	41.31 2.07 0.00	50.73 3.44 0.00	52.85 3.52 0.00	49.07 3.69 0.00	51.30 3.31 0.00	50.92 3.35 0.00	38.65 2.56 0.00
WHITEPLN_13_KV_LOAD 356215	30.35 1.29 0.00	28.09 1.14 0.00	25.87 1.00 0.00	26.01 0.90 0.00	27.44 0.91 0.00	27.53 0.96 0.00	26.74 1.02 0.00	27.57 1.17 0.00	23.30 1.19 0.00	19.91 1.12 0.00	21.79 1.29 -0.30	25.99 1.33 -3.48	27.34 1.58 0.00	27.40 1.58 0.00	29.03 1.70 0.00	33.03 2.02 0.00	32.32 2.06 0.00	41.63 2.39 0.00	49.86 2.57 0.00	51.46 2.13 0.00	47.33 1.95 0.00	50.23 2.25 0.00	49.83 2.26 0.00	37.74 1.66 0.00
WM_FLOYD_69_KV_BK2 356380	31.17 2.11 0.00	28.70 1.75 0.00	26.40 1.53 0.00	26.50 1.40 0.00	27.97 1.44 0.00	28.07 1.49 0.00	27.23 1.52 0.00	28.08 1.67 0.00	23.70 1.58 0.00	20.24 1.44 0.00	22.20 1.71 -0.29	26.28 1.76 -3.33	27.86 2.11 0.00	27.87 2.05 0.00	29.60 2.26 0.00	33.51 2.50 0.00	32.55 2.29 0.00	42.11 2.86 -0.01	49.80 2.50 0.00	50.93 1.60 0.00	47.06 1.68 0.00	50.35 2.37 0.00	49.65 2.07 0.00	38.04 1.95 0.00
WOODARD__115KV_TB2 355635	28.53 -0.54 0.00	26.47 -0.48 0.00	24.43 -0.44 0.00	24.67 -0.43 0.00	26.06 -0.47 0.00	26.10 -0.48 0.00	25.18 -0.53 0.00	25.83 -0.57 0.00	21.61 -0.51 0.00	18.34 -0.46 0.00	19.71 -0.49 0.00	20.70 -0.49 0.00	25.20 -0.55 0.00	25.28 -0.54 0.00	26.79 -0.55 0.00	30.40 -0.62 0.00	29.70 -0.56 0.00	38.59 -0.65 0.00	46.60 -0.69 0.00	48.71 -0.62 0.00	44.78 -0.60 0.00	47.24 -0.75 0.00	46.77 -0.80 0.00	35.46 -0.63 0.00

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