

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/25/2025

ALBANY___2 23572	53.24 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.24 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.33 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.62 0.00	51.08 1.98 25.53	20.64 1.53 43.44	20.81 0.49 3.38	338.37 6.28 0.00	68.18 1.21 0.00	47.55 0.81 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
ALBANY___3 23573	53.24 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.24 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.33 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.62 0.00	51.08 1.98 25.53	20.64 1.53 43.44	20.81 0.49 3.38	338.37 6.28 0.00	68.18 1.21 0.00	47.55 0.81 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
ALBANY___4 23574	53.24 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.24 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.33 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.62 0.00	51.08 1.98 25.53	20.64 1.53 43.44	20.81 0.49 3.38	338.37 6.28 0.00	68.18 1.21 0.00	47.55 0.81 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
ALBANY___LFGE 323615	54.04 0.40 0.00	56.36 0.35 0.00	51.21 0.46 0.00	43.15 0.51 0.00	37.22 0.46 0.00	36.24 0.80 0.00	41.46 0.95 0.00	45.11 0.94 0.00	41.03 0.70 0.00	50.79 0.85 0.00	61.33 1.10 0.00	75.41 1.74 0.00	72.53 2.32 0.00	74.08 2.76 0.00	75.49 3.19 2.33	22.19 2.50 42.86	21.23 0.87 3.33	344.07 11.97 0.00	69.33 2.37 0.00	48.34 1.60 0.00	49.50 1.61 0.00	47.53 1.38 0.00	48.82 0.85 0.00	53.50 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	54.14 0.50 0.00	56.71 0.70 0.00	51.35 0.60 0.00	43.14 0.50 0.00	37.14 0.38 0.00	35.39 -0.05 0.00	40.44 -0.08 0.00	44.12 -0.05 0.00	40.40 0.07 0.00	50.01 0.07 0.00	59.83 -0.40 0.00	72.99 -0.68 0.00	68.80 -1.41 0.00	69.30 -2.02 0.00	210.35 -3.37 -139.09	64.05 -2.78 -4.28	22.77 -0.93 0.00	320.09 -11.99 0.00	64.37 -2.60 0.00	45.15 -1.59 0.00	46.30 -1.59 0.00	44.81 -1.34 0.00	47.75 -0.22 0.00	53.39 0.34 0.00
ALCOA_RYNLDS___DRP 24188	54.14 0.50 0.00	56.71 0.70 0.00	51.35 0.60 0.00	43.14 0.50 0.00	37.14 0.38 0.00	35.39 -0.05 0.00	40.44 -0.08 0.00	44.12 -0.05 0.00	40.40 0.07 0.00	50.01 0.07 0.00	59.83 -0.40 0.00	72.99 -0.68 0.00	68.80 -1.41 0.00	69.30 -2.02 0.00	210.35 -3.37 -139.09	64.05 -2.78 -4.28	22.77 -0.93 0.00	320.09 -11.99 0.00	64.37 -2.60 0.00	45.15 -1.59 0.00	46.30 -1.59 0.00	44.81 -1.34 0.00	47.75 -0.22 0.00	53.39 0.34 0.00
ALCOA___DSASP 323711	54.14 0.50 0.00	56.71 0.70 0.00	51.35 0.60 0.00	43.14 0.50 0.00	37.14 0.38 0.00	35.39 -0.05 0.00	40.44 -0.08 0.00	44.12 -0.05 0.00	40.40 0.07 0.00	50.01 0.07 0.00	59.84 -0.40 0.00	72.99 -0.68 0.00	68.80 -1.41 0.00	69.30 -2.02 0.00	210.35 -3.37 -139.09	64.05 -2.77 -4.28	22.76 -0.94 0.00	320.10 -11.99 0.00	64.37 -2.60 0.00	45.15 -1.59 0.00	46.30 -1.59 0.00	44.81 -1.34 0.00	47.75 -0.22 0.00	53.39 0.34 0.00
ALLEGHENY___COGEN 23514	55.46 1.82 0.00	57.46 1.45 0.00	51.77 1.02 0.00	43.13 0.49 0.00	37.21 0.45 0.00	36.26 0.82 0.00	41.48 0.96 0.00	45.35 1.18 0.00	41.73 1.40 0.00	50.82 0.88 0.00	58.80 -1.44 0.00	67.90 -5.76 0.00	64.70 -5.51 0.00	65.39 -5.92 0.00	68.98 -6.73 -1.08	67.84 -4.76 -10.05	23.24 -1.24 -0.77	319.48 -12.61 0.00	64.68 -2.29 0.00	46.36 -0.38 0.00	47.68 -0.21 0.00	45.77 -0.38 0.00	47.66 -0.31 0.00	55.66 2.61 0.00
ALTAMONT_115KV_TB 2 55880	53.98 0.34 0.00	56.33 0.32 0.00	51.15 0.40 0.00	43.07 0.42 0.00	37.18 0.42 0.00	36.12 0.69 0.00	41.33 0.81 0.00	44.98 0.81 0.00	40.91 0.58 0.00	50.65 0.71 0.00	61.17 0.93 0.00	75.05 1.38 0.00	72.13 1.92 0.00	73.62 2.31 0.00	60.78 2.67 16.51	18.86 2.04 45.72	20.78 0.68 3.60	341.39 9.30 0.00	68.95 1.99 0.00	48.06 1.32 0.00	49.27 1.38 0.00	47.38 1.23 0.00	48.77 0.80 0.00	53.56 0.51 0.00
ALTONA_WT_PWR 323606	53.05 -0.59 0.00	56.01 0.00 0.00	50.62 -0.13 0.00	42.43 -0.22 0.00	36.57 -0.19 0.00	34.95 -0.49 0.00	40.06 -0.46 0.00	43.69 -0.48 0.00	40.04 -0.29 0.00	49.56 -0.38 0.00	59.61 -0.62 0.00	72.73 -0.94 0.00	68.82 -1.39 0.00	69.49 -1.82 0.00	71.28 -2.15 1.20	60.47 -2.08 0.00	22.99 -0.71 0.00	324.41 -7.68 0.00	65.39 -1.58 0.00	45.69 -1.05 0.00	46.83 -1.07 0.00	45.21 -0.94 0.00	47.62 -0.35 0.00	53.23 0.17 0.00
AMERICAN_REF_FUEL 24010	53.25 -0.39 0.00	55.50 -0.51 0.00	49.86 -0.89 0.00	41.21 -1.44 0.00	35.56 -1.20 0.00	34.43 -1.00 0.00	38.81 -1.71 0.00	42.41 -1.76 0.00	39.29 -1.04 0.00	48.18 -1.76 0.00	57.49 -2.75 0.00	69.80 -3.86 0.00	66.34 -3.88 0.00	66.94 -4.38 0.00	70.92 -4.66 -0.95	67.78 -3.65 -8.89	23.45 -0.94 -0.69	325.66 -6.43 0.00	64.89 -2.07 0.00	45.48 -1.26 0.00	46.26 -1.63 0.00	43.97 -2.18 0.00	45.76 -2.21 0.00	51.39 -1.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.27 1.63 0.00	57.48 1.47 0.00	50.92 0.17 0.00	41.73 -0.92 0.00	35.84 -0.92 0.00	35.00 -0.43 0.00	40.20 -0.32 0.00	44.30 0.13 0.00	41.12 0.79 0.00	50.88 0.94 0.00	61.14 0.91 0.00	74.25 0.58 0.00	70.86 0.65 0.00	71.52 0.20 0.00	75.07 -0.65 -1.08	72.34 -0.30 -10.09	24.68 0.21 -0.78	341.89 9.80 0.00	69.10 2.13 0.00	48.23 1.49 0.00	49.10 1.20 0.00	46.56 0.40 0.00	48.65 0.68 0.00	54.03 0.98 0.00
ARTHUR KILL_GT_1 23520	55.04 1.40 0.00	57.02 1.01 0.00	51.80 1.05 0.00	43.79 1.14 0.00	37.88 1.12 0.00	36.97 1.53 0.00	42.31 1.79 0.00	46.39 2.22 0.00	42.46 2.13 0.00	52.70 2.76 0.00	63.67 3.44 0.00	78.35 4.69 0.00	76.01 5.80 0.00	78.34 7.01 -0.01	83.43 8.06 -0.74	714.16 5.94 -645.67	257.83 2.21 -231.93	358.32 27.88 1.66	73.35 6.38 0.00	50.62 3.88 0.00	51.71 3.81 0.00	49.88 3.72 -0.01	50.99 3.02 0.00	55.58 2.53 0.00
ARTHUR_KILL_2 23512	54.79 1.15 0.01	56.79 0.78 0.01	51.60 0.85 0.00	43.62 0.97 0.00	37.74 0.97 0.00	36.83 1.40 0.00	42.15 1.63 0.00	46.21 2.04 0.00	42.29 1.96 0.00	52.49 2.55 0.00	63.42 3.19 0.01	77.99 4.33 0.01	75.68 5.47 0.00	77.98 6.66 -0.01	83.05 7.68 -0.74	713.72 5.51 -645.67	257.73 2.10 -231.92	356.71 26.27 1.66	73.03 6.06 0.00	50.45 3.71 0.00	51.48 3.59 0.00	49.65 3.49 -0.01	50.76 2.79 0.00	55.35 2.30 0.00
ARTHUR_KILL_3 23513	54.92 1.28 0.00	57.02 1.01 0.00	51.73 0.98 0.00	43.56 0.92 0.00	37.76 0.99 0.00	36.87 1.44 0.00	42.24 1.73 0.00	46.36 2.19 0.00	42.38 2.05 0.00	52.73 2.79 0.00	63.81 3.58 0.00	78.44 4.77 0.00	76.01 5.80 0.00	77.78 6.98 0.51	89.97 7.99 -7.35	725.55 5.70 -657.30	257.44 2.00 -231.74	356.85 26.38 1.62	72.83 5.86 0.00	50.42 3.68 0.00	51.55 3.66 0.00	49.54 3.39 0.00	50.75 2.78 0.00	55.48 2.43 0.00

ARTHUR_KILL_COGEN 323718	55.02 1.39 0.01	57.01 1.01 0.01	51.80 1.05 0.00	43.78 1.13 0.00	37.88 1.12 0.00	36.97 1.53 0.00	42.31 1.79 0.00	46.39 2.22 0.00	42.45 2.13 0.00	52.69 2.75 0.00	63.68 3.45 0.01	78.34 4.68 0.01	76.01 5.81 0.00	78.34 7.02 -0.01	83.42 8.06 -0.74	714.10 5.87 -645.67	257.84 2.21 -231.92	358.27 27.83 1.66	73.35 6.38 0.00	50.66 3.92 0.00	51.71 3.82 0.00	49.88 3.72 -0.01	50.98 3.02 0.00	55.58 2.53 0.00
ASHOKAN____ 23654	55.52 1.88 0.00	57.72 1.71 0.00	52.26 1.51 0.00	43.91 1.26 0.00	37.93 1.17 0.00	36.93 1.49 0.00	42.33 1.81 0.00	46.26 2.09 0.00	42.20 1.87 0.00	52.59 2.65 0.00	63.23 3.00 0.00	78.24 4.58 0.00	75.32 5.11 0.00	77.76 6.44 0.00	72.09 7.79 10.33	74.03 6.13 -5.35	26.71 2.18 -0.82	363.73 31.62 -0.03	73.25 6.28 0.00	51.03 4.29 0.00	52.18 4.29 0.00	49.95 3.80 0.00	51.06 3.08 0.00	55.74 2.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.00 1.36 -0.01	57.21 1.21 0.00	51.88 1.13 0.00	43.77 1.12 0.00	37.93 1.16 0.00	37.02 1.58 0.00	42.34 1.82 0.00	46.42 2.25 0.00	42.46 2.13 0.00	52.81 2.87 0.00	63.89 3.65 0.00	78.51 4.84 0.00	76.12 5.91 0.00	78.37 7.06 0.00	299.86 8.07 -217.15	2447.85 5.77 -2379.53	515.87 2.02 -490.15	628.03 27.04 -268.90	73.51 6.17 -0.38	50.76 3.78 -0.24	51.61 3.72 0.00	49.82 3.67 0.00	50.91 2.94 0.00	55.62 2.57 0.00
ASTORIA_EAST_ENERGY_CC2 323582	55.00 1.36 -0.01	57.21 1.21 0.00	51.88 1.13 0.00	43.77 1.12 0.00	37.92 1.16 0.00	37.02 1.58 0.00	42.34 1.82 0.00	46.42 2.25 0.00	42.46 2.13 0.00	52.81 2.87 0.00	63.89 3.65 0.00	78.51 4.84 0.00	76.12 5.91 0.00	78.37 7.06 0.00	299.86 8.07 -217.15	2447.85 5.77 -2379.53	515.87 2.02 -490.15	628.03 27.04 -268.90	73.51 6.17 -0.38	50.76 3.78 -0.24	51.61 3.72 0.00	49.82 3.67 0.00	50.91 2.94 0.00	55.62 2.57 0.00
ASTORIA_GT2_1 24094	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT2_2 24095	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT2_3 24096	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT2_4 24097	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT3_1 24098	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT3_2 24099	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT3_3 24100	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT3_4 24101	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT4_1 24102	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT4_2 24103	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT4_3 24104	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00

ASTORIA_GT4_4 24105	55.05 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.80 1.15 0.00	37.94 1.18 0.00	37.03 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.86 2.92 0.00	63.93 3.69 -0.01	78.55 4.87 0.00	76.16 5.95 0.00	78.42 7.10 -0.01	299.89 8.10 -217.15	2447.92 5.85 -2379.53	515.88 2.03 -490.15	628.23 27.24 -268.90	73.54 6.19 -0.38	50.76 3.77 -0.24	51.65 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA_GT_1 23523	55.17 1.52 -0.01	57.36 1.35 0.00	52.01 1.25 0.00	43.87 1.22 0.00	38.01 1.24 0.00	37.10 1.66 0.00	42.44 1.92 0.00	46.54 2.37 0.00	42.57 2.24 0.00	52.97 3.03 0.00	64.06 3.82 -0.01	78.75 5.08 0.00	76.36 6.15 0.00	78.63 7.31 -0.01	300.11 8.32 -217.15	2448.13 6.05 -2379.53	515.94 2.09 -490.15	629.13 28.14 -268.90	73.72 6.37 -0.38	50.89 3.91 -0.24	51.78 3.88 0.00	49.96 3.81 0.00	51.05 3.08 0.00	55.76 2.71 0.00
ASTORIA_GT_10 24110	47.86 1.17 6.95	55.59 0.93 1.36	51.68 0.93 0.00	43.60 0.96 0.00	37.79 1.02 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.63 2.70 0.00	63.68 3.44 0.00	78.30 4.64 0.00	75.91 5.70 0.00	78.77 6.87 -0.58	89.43 7.82 -6.98	714.84 5.61 -646.67	238.94 1.96 -213.27	356.54 26.10 1.66	72.93 5.96 0.00	50.42 3.68 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA_GT_11 24225	47.86 1.17 6.95	55.59 0.93 1.36	51.68 0.93 0.00	43.60 0.96 0.00	37.79 1.02 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.63 2.70 0.00	63.68 3.44 0.00	78.30 4.64 0.00	75.91 5.70 0.00	78.77 6.87 -0.58	89.43 7.82 -6.98	714.84 5.61 -646.67	238.94 1.96 -213.27	356.54 26.10 1.66	72.93 5.96 0.00	50.42 3.68 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA_GT_12 24226	47.86 1.17 6.95	55.59 0.93 1.36	51.68 0.93 0.00	43.60 0.96 0.00	37.79 1.02 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.63 2.70 0.00	63.68 3.44 0.00	78.30 4.64 0.00	75.91 5.70 0.00	78.77 6.87 -0.58	89.43 7.82 -6.98	714.84 5.61 -646.67	238.94 1.96 -213.27	356.54 26.10 1.66	72.93 5.96 0.00	50.42 3.68 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA_GT_13 24227	47.86 1.17 6.95	55.59 0.93 1.36	51.68 0.93 0.00	43.60 0.96 0.00	37.79 1.02 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.63 2.70 0.00	63.68 3.44 0.00	78.30 4.64 0.00	75.91 5.70 0.00	78.77 6.87 -0.58	89.43 7.82 -6.98	714.84 5.61 -646.67	238.94 1.96 -213.27	356.54 26.10 1.66	72.93 5.96 0.00	50.42 3.68 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA_GT_5 24106	55.17 1.52 -0.01	57.36 1.35 0.00	52.01 1.25 0.00	43.87 1.22 0.00	38.01 1.24 0.00	37.10 1.66 0.00	42.44 1.92 0.00	46.54 2.37 0.00	42.57 2.24 0.00	52.97 3.03 0.00	64.06 3.82 -0.01	78.75 5.08 0.00	76.36 6.15 0.00	78.63 7.31 -0.01	300.11 8.32 -217.15	2448.13 6.05 -2379.53	515.94 2.09 -490.15	629.13 28.14 -268.90	73.72 6.37 -0.38	50.89 3.91 -0.24	51.78 3.88 0.00	49.96 3.81 0.00	51.05 3.08 0.00	55.76 2.71 0.00
ASTORIA_GT_7 24107	55.17 1.52 -0.01	57.36 1.35 0.00	52.01 1.25 0.00	43.87 1.22 0.00	38.01 1.24 0.00	37.10 1.66 0.00	42.44 1.92 0.00	46.54 2.37 0.00	42.57 2.24 0.00	52.97 3.03 0.00	64.06 3.82 -0.01	78.75 5.08 0.00	76.36 6.15 0.00	78.63 7.31 -0.01	300.11 8.32 -217.15	2448.13 6.05 -2379.53	515.94 2.09 -490.15	629.13 28.14 -268.90	73.72 6.37 -0.38	50.89 3.91 -0.24	51.78 3.88 0.00	49.96 3.81 0.00	51.05 3.08 0.00	55.76 2.71 0.00
ASTORIA_GT_8 24108	55.17 1.52 -0.01	57.36 1.35 0.00	52.01 1.25 0.00	43.87 1.22 0.00	38.01 1.24 0.00	37.10 1.66 0.00	42.44 1.92 0.00	46.54 2.37 0.00	42.57 2.24 0.00	52.97 3.03 0.00	64.06 3.82 -0.01	78.75 5.08 0.00	76.36 6.15 0.00	78.63 7.31 -0.01	300.11 8.32 -217.15	2448.13 6.05 -2379.53	515.94 2.09 -490.15	629.13 28.14 -268.90	73.72 6.37 -0.38	50.89 3.91 -0.24	51.78 3.88 0.00	49.96 3.81 0.00	51.05 3.08 0.00	55.76 2.71 0.00
ASTORIA___2 24149	55.04 1.40 -0.01	57.25 1.24 0.00	51.90 1.15 0.00	43.79 1.14 0.00	37.94 1.17 0.00	37.04 1.60 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.84 2.90 0.00	63.93 3.70 0.00	78.54 4.87 0.00	76.16 5.95 0.00	78.41 7.09 0.00	299.89 8.10 -217.15	2447.88 5.81 -2379.53	515.88 2.03 -490.15	628.04 27.05 -268.90	73.55 6.20 -0.38	50.79 3.80 -0.24	51.64 3.75 0.00	49.85 3.69 0.00	50.95 2.98 0.00	55.64 2.59 0.00
ASTORIA___3 23516	47.84 1.16 6.96	55.58 0.93 1.36	51.67 0.92 0.00	43.60 0.95 0.00	37.79 1.03 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.62 2.69 0.00	63.68 3.46 0.01	78.29 4.63 0.01	75.91 5.70 0.00	78.76 6.86 -0.58	89.43 7.82 -6.98	714.80 5.58 -646.67	238.94 1.97 -213.27	356.54 26.10 1.66	72.93 5.97 0.00	50.44 3.69 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA___4 23517	47.86 1.17 6.95	55.59 0.93 1.36	51.68 0.93 0.00	43.60 0.96 0.00	37.79 1.02 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.63 2.70 0.00	63.68 3.44 0.00	78.30 4.63 0.00	75.91 5.70 0.00	78.77 6.87 -0.58	89.43 7.82 -6.98	714.84 5.61 -646.67	238.94 1.96 -213.27	356.54 26.10 1.66	72.93 5.96 0.00	50.42 3.68 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
ASTORIA___5 23518	47.84 1.16 6.96	55.58 0.93 1.36	51.67 0.92 0.00	43.60 0.95 0.00	37.79 1.03 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.62 2.69 0.00	63.68 3.46 0.01	78.29 4.63 0.01	75.91 5.70 0.00	78.76 6.86 -0.58	89.43 7.82 -6.98	714.80 5.58 -646.67	238.94 1.97 -213.27	356.54 26.10 1.66	72.93 5.97 0.00	50.44 3.69 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
AST_ENERGY_2_CC3 323677	55.17 1.53 0.00	57.26 1.25 0.00	51.91 1.16 0.00	43.69 1.04 0.00	37.88 1.12 0.00	36.99 1.56 0.00	42.39 1.87 0.00	46.51 2.34 0.00	42.52 2.19 0.00	52.87 2.94 0.00	64.07 3.84 0.00	78.80 5.14 0.00	76.41 6.20 0.00	78.70 7.38 0.00	299.95 8.40 -216.91	2421.43 6.14 -2352.75	506.89 2.14 -481.05	620.30 28.65 -259.56	73.16 6.19 0.00	50.62 3.88 0.00	51.75 3.86 0.00	49.70 3.55 0.00	50.94 2.97 0.00	55.66 2.61 0.00
AST_ENERGY_2_CC4 323678	55.17 1.53 0.00	57.26 1.25 0.00	51.91 1.16 0.00	43.69 1.04 0.00	37.88 1.12 0.00	36.99 1.56 0.00	42.39 1.87 0.00	46.51 2.34 0.00	42.52 2.19 0.00	52.87 2.94 0.00	64.07 3.84 0.00	78.80 5.14 0.00	76.41 6.20 0.00	78.70 7.38 0.00	299.95 8.40 -216.91	2421.43 6.14 -2352.75	506.89 2.14 -481.05	620.30 28.65 -259.56	73.16 6.19 0.00	50.62 3.88 0.00	51.75 3.86 0.00	49.70 3.55 0.00	50.94 2.97 0.00	55.66 2.61 0.00

ATHENS_STG_1 23668	54.02 0.38 0.00	56.35 0.34 0.00	51.18 0.43 0.00	43.10 0.45 0.00	37.25 0.48 0.00	36.23 0.79 0.00	41.47 0.96 0.00	45.18 1.01 0.00	41.08 0.75 0.00	50.98 1.04 0.00	61.69 1.46 0.00	75.73 2.06 0.00	72.96 2.75 0.00	74.68 3.37 0.00	62.35 3.87 16.15	-39.53 2.95 105.03	15.99 1.03 8.73	344.97 12.91 0.03	69.71 2.74 0.00	48.45 1.71 0.00	49.65 1.75 0.00	47.75 1.59 0.00	49.08 1.11 0.00	53.81 0.76 0.00
ATHENS_STG_2 23670	54.02 0.38 0.00	56.35 0.34 0.00	51.18 0.43 0.00	43.10 0.45 0.00	37.25 0.48 0.00	36.23 0.79 0.00	41.47 0.96 0.00	45.18 1.01 0.00	41.08 0.75 0.00	50.98 1.04 0.00	61.69 1.46 0.00	75.73 2.06 0.00	72.96 2.75 0.00	74.68 3.37 0.00	62.35 3.87 16.15	-39.53 2.95 105.03	15.99 1.03 8.73	344.97 12.91 0.03	69.71 2.74 0.00	48.45 1.71 0.00	49.65 1.75 0.00	47.75 1.59 0.00	49.08 1.11 0.00	53.81 0.76 0.00
ATHENS_STG_3 23677	54.02 0.38 0.00	56.35 0.34 0.00	51.18 0.43 0.00	43.10 0.45 0.00	37.25 0.48 0.00	36.23 0.79 0.00	41.47 0.96 0.00	45.18 1.01 0.00	41.08 0.75 0.00	50.98 1.04 0.00	61.69 1.46 0.00	75.73 2.06 0.00	72.96 2.75 0.00	74.68 3.37 0.00	62.35 3.87 16.15	-39.53 2.95 105.03	15.99 1.03 8.73	344.97 12.91 0.03	69.71 2.74 0.00	48.45 1.71 0.00	49.65 1.75 0.00	47.75 1.59 0.00	49.08 1.11 0.00	53.81 0.76 0.00
AUBURN___LFGE 323710	54.66 1.02 0.00	56.97 0.75 -0.21	51.34 0.59 0.00	42.87 0.22 0.00	37.03 0.27 0.00	35.87 0.43 0.00	41.08 0.56 0.00	44.84 0.67 0.00	41.14 0.81 0.00	50.86 0.93 0.00	61.26 1.02 -0.01	76.06 0.69 -1.71	72.85 1.50 -1.15	73.31 1.20 -0.79	65.17 1.00 10.46	70.37 0.89 -6.94	24.64 0.38 -0.56	339.02 6.93 0.00	68.62 1.65 0.00	48.13 1.39 0.00	49.32 1.42 0.00	47.12 0.97 0.00	48.82 0.85 0.00	53.59 0.53 0.00
BABYLON_RES_REC 323704	55.45 1.81 0.00	57.47 1.46 0.00	52.03 1.28 0.00	43.48 0.83 0.00	37.73 0.96 0.00	36.93 1.50 0.00	42.30 1.78 0.00	46.56 2.39 0.00	42.28 1.95 0.00	52.63 2.69 0.00	64.86 4.33 -0.29	79.08 4.24 -1.16	81.88 5.27 -6.39	84.67 6.70 -6.65	124.42 8.05 -41.74	1717.21 4.43 -1650.24	536.65 2.02 -510.93	638.48 27.37 -279.02	75.61 5.96 -2.68	49.42 3.23 0.55	50.90 3.01 0.00	48.69 2.53 0.00	49.87 1.89 0.00	54.71 1.66 0.00
BALL_HILL_WT_PWR 323825	54.48 0.84 0.00	56.73 0.72 0.00	50.67 -0.07 0.00	41.85 -0.80 0.00	36.11 -0.65 0.00	35.09 -0.35 0.00	39.97 -0.55 0.00	43.76 -0.41 0.00	40.56 0.23 0.00	49.99 0.04 0.00	59.97 -0.27 0.00	72.78 -0.88 0.00	69.36 -0.85 0.00	70.28 -1.03 0.00	74.08 -1.60 -1.05	71.28 -1.07 -9.80	24.39 -0.07 -0.76	337.74 5.65 0.00	68.00 1.03 0.00	47.48 0.74 0.00	48.34 0.45 0.00	45.90 -0.25 0.00	47.75 -0.22 0.00	53.12 0.07 0.00
BARON_WINDS___WT_PWR 323822	52.70 -0.95 0.00	54.79 -1.28 -0.06	49.53 -1.22 0.00	41.53 -1.12 0.00	35.85 -0.91 0.00	35.01 -0.42 0.00	40.00 -0.52 0.00	43.60 -0.57 0.00	40.26 -0.07 0.00	49.49 -0.45 0.00	59.57 -0.67 0.00	72.56 -1.58 -0.48	69.50 -1.03 -0.32	70.52 -1.01 -0.22	74.32 -1.88 -1.57	74.37 -1.23 -13.06	24.36 -0.34 -1.01	332.74 0.65 0.00	67.73 0.76 0.00	47.50 0.76 0.00	48.66 0.76 0.00	46.49 0.34 0.00	48.16 0.19 0.00	53.31 0.26 0.00
BARRETT_IC_1 23704	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_10 23701	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	81.12 4.56 -2.89	85.94 5.57 -10.16	88.44 6.92 -10.20	114.41 8.07 -31.71	120.63 4.89 -53.18	14.30 2.02 11.42	22.18 25.56 335.47	48.69 5.62 23.90	33.40 3.26 16.60	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_11 23702	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	81.12 4.56 -2.89	85.94 5.57 -10.16	88.44 6.92 -10.20	114.41 8.07 -31.71	120.63 4.89 -53.18	14.30 2.02 11.42	22.18 25.56 335.47	48.69 5.62 23.90	33.40 3.26 16.60	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_12 23703	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	81.12 4.56 -2.89	85.94 5.57 -10.16	88.44 6.92 -10.20	114.41 8.07 -31.71	120.63 4.89 -53.18	14.30 2.02 11.42	22.18 25.56 335.47	48.69 5.62 23.90	33.40 3.26 16.60	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_2 23705	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_3 23706	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_4 23707	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_5 23708	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00

BARRETT_IC_6 23709	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_7 23710	55.18 1.54 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.36 0.71 0.00	37.61 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.51 3.99 -0.29	90.28 4.58 -12.04	118.04 5.55 -42.28	119.82 6.92 -41.59	191.16 8.11 -108.42	1991.28 4.95 -1923.78	706.59 2.05 -680.84	674.36 25.61 -316.66	74.77 5.76 -2.04	50.23 3.31 -0.19	51.09 3.19 0.00	48.89 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_8 23711	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT_IC_9 23700	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	81.12 4.56 -2.89	85.94 5.57 -10.16	88.44 6.92 -10.20	114.41 8.07 -31.71	120.63 4.89 -53.18	14.30 2.02 11.42	22.18 25.56 335.47	48.69 5.62 23.90	33.40 3.26 16.60	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT___1 23545	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	90.26 4.56 -12.04	118.05 5.57 -42.28	119.82 6.92 -41.59	191.13 8.07 -108.42	1991.23 4.89 -1923.78	706.57 2.02 -680.84	674.30 25.56 -316.66	74.63 5.62 -2.04	50.19 3.26 -0.19	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BARRETT___2 23546	55.17 1.53 0.00	57.18 1.17 0.00	51.77 1.02 0.00	43.35 0.71 0.00	37.60 0.84 0.00	36.78 1.34 0.00	42.08 1.57 0.00	46.16 1.99 0.00	42.12 1.79 0.00	52.58 2.64 0.00	64.56 4.04 -0.29	81.12 4.56 -2.89	85.94 5.57 -10.16	88.44 6.92 -10.20	114.41 8.07 -31.71	120.63 4.89 -53.18	14.30 2.02 11.42	22.18 25.56 335.47	48.69 5.62 23.90	33.40 3.26 16.60	51.09 3.20 0.00	48.90 2.75 0.00	50.03 2.06 0.00	54.71 1.66 0.00
BATAVIA__115KV_TB1 55881	56.28 2.64 0.00	58.45 2.44 0.00	52.42 1.67 0.00	43.39 0.74 0.00	37.43 0.67 0.00	36.29 0.85 0.00	41.21 0.69 0.00	45.17 1.00 0.00	41.82 1.50 0.00	51.33 1.39 0.00	61.47 1.23 0.00	73.84 0.17 0.00	69.14 -1.07 0.00	69.86 -1.46 0.00	74.09 -1.40 -0.86	69.77 -0.86 -8.08	24.30 -0.02 -0.62	339.12 7.03 0.00	67.77 0.80 0.00	47.52 0.78 0.00	48.55 0.66 0.00	46.31 0.16 0.00	48.67 0.70 0.00	54.17 1.12 0.00
BAYONEEC___CTG1 323682	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG10 323750	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG2 323683	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG3 323684	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG4 323685	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG5 323686	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG6 323687	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG7 323688	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00

BAYONEEC___CTG8 323689	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BAYONEEC___CTG9 323749	55.21 1.57 0.00	57.32 1.31 0.00	51.96 1.22 0.00	43.75 1.10 0.00	37.92 1.15 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.24 0.00	52.93 2.99 0.00	64.11 3.88 0.00	78.84 5.18 0.00	76.43 6.22 0.00	78.11 7.39 0.60	256.22 8.40 -173.18	1844.42 6.09 -1775.79	257.82 2.13 -231.99	358.84 28.36 1.61	73.14 6.17 0.00	50.60 3.86 0.00	51.74 3.85 0.00	49.72 3.57 0.00	50.98 3.01 0.00	55.73 2.68 0.00
BEACON___LESR 323632	54.14 0.50 0.00	56.43 0.43 0.00	51.24 0.49 0.00	43.15 0.51 0.00	37.22 0.46 0.00	36.26 0.82 0.00	41.49 0.98 0.00	45.14 0.96 0.00	41.06 0.72 0.00	50.83 0.89 0.00	61.35 1.12 0.00	75.58 1.91 0.00	72.69 2.48 0.00	74.37 3.05 0.00	34.83 3.55 43.35	21.77 2.84 43.62	21.28 0.97 3.39	345.77 13.68 0.00	69.62 2.66 0.00	48.58 1.84 0.00	49.76 1.87 0.00	47.77 1.61 0.00	49.00 1.03 0.00	53.74 0.69 0.00
BEAVER RIVER___HYD 24048	54.74 1.10 0.00	57.75 1.63 -0.11	52.28 1.53 0.00	43.84 1.19 0.00	37.58 0.82 0.00	36.06 0.62 0.00	41.53 1.01 0.00	45.82 1.65 0.00	42.37 2.04 0.00	52.32 2.39 0.00	62.69 2.45 0.00	76.82 2.25 -0.91	72.10 1.28 -0.61	72.47 0.74 -0.42	-154.11 0.70 229.45	56.15 0.72 7.12	24.00 0.30 0.00	336.33 4.24 0.00	68.43 1.46 0.00	48.51 1.77 0.00	50.45 2.55 0.00	48.70 2.55 0.00	50.89 2.92 0.00	56.07 3.02 0.00
BEEBEE_GT_13 23619	55.19 1.55 0.00	57.39 1.38 0.00	51.59 0.84 0.00	42.86 0.22 0.00	36.98 0.21 0.00	35.82 0.39 0.00	40.82 0.30 0.00	44.70 0.53 0.00	41.24 0.92 0.00	50.79 0.85 0.00	60.95 0.72 0.00	74.09 0.42 0.00	70.59 0.37 0.00	71.53 0.22 0.00	75.71 0.34 -0.74	69.92 0.47 -6.90	24.56 0.33 -0.53	341.32 9.23 0.00	68.30 1.33 0.00	47.85 1.11 0.00	48.88 0.99 0.00	46.65 0.50 0.00	48.28 0.30 0.00	53.52 0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.60 1.97 0.00	57.71 1.70 0.00	52.35 1.60 0.00	44.14 1.49 0.00	38.20 1.44 0.00	37.31 1.87 0.00	42.72 2.20 0.00	46.89 2.72 0.00	42.91 2.59 0.00	53.38 3.43 0.00	64.54 4.30 0.00	79.38 5.72 0.00	76.93 6.71 0.00	81.73 7.98 -2.44	110.96 9.10 -27.23	719.16 6.69 -649.92	258.02 2.39 -231.93	361.94 31.50 1.66	74.11 7.14 0.00	51.14 4.40 0.00	52.30 4.41 0.00	50.45 4.30 -0.01	51.58 3.60 0.00	56.30 3.25 0.00
BETHLEHEM___GRP 23843	53.24 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.24 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.33 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.62 0.00	51.08 1.98 25.53	20.64 1.53 43.44	20.81 0.49 3.38	338.37 6.28 0.00	68.18 1.21 0.00	47.55 0.81 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
BETHLEHEM___GS1 323560	53.25 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.23 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.34 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.61 0.00	51.09 1.99 25.53	20.62 1.52 43.44	20.81 0.49 3.38	338.42 6.32 0.00	68.16 1.19 0.00	47.56 0.82 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
BETHLEHEM___GS2 323561	53.25 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.23 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.34 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.61 0.00	51.09 1.99 25.53	20.62 1.52 43.44	20.81 0.49 3.38	338.42 6.32 0.00	68.16 1.19 0.00	47.56 0.82 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
BETHLEHEM___GS3 323562	53.25 -0.40 0.00	55.56 -0.45 0.00	50.52 -0.23 0.00	42.59 -0.06 0.00	36.74 -0.02 0.00	35.78 0.34 0.00	40.93 0.41 0.00	44.50 0.34 0.00	40.45 0.12 0.00	50.00 0.06 0.00	60.34 0.11 0.00	74.20 0.53 0.00	71.38 1.17 0.00	72.93 1.61 0.00	51.09 1.99 25.53	20.62 1.52 43.44	20.81 0.49 3.38	338.42 6.32 0.00	68.16 1.19 0.00	47.56 0.82 0.00	48.73 0.83 0.00	46.83 0.68 0.00	48.12 0.15 0.00	52.79 -0.26 0.00
BETHLEHEM___STEEL 23779	54.45 0.81 0.00	56.68 0.67 0.00	50.82 0.07 0.00	42.02 -0.63 0.00	36.29 -0.47 0.00	35.20 -0.24 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.53 0.20 0.00	49.82 -0.12 0.00	59.71 -0.52 0.00	72.46 -1.21 0.00	68.99 -1.22 0.00	69.80 -1.51 0.00	73.92 -1.74 -1.03	70.88 -1.25 -9.58	24.33 -0.11 -0.74	337.41 5.32 0.00	67.63 0.66 0.00	47.32 0.58 0.00	48.16 0.26 0.00	45.72 -0.43 0.00	47.47 -0.50 0.00	52.94 -0.11 0.00
BETHLHEM_115KV_TB1 79974	53.38 -0.26 0.00	55.70 -0.31 0.00	50.63 -0.12 0.00	42.68 0.03 0.00	36.82 0.06 0.00	35.84 0.40 0.00	41.00 0.49 0.00	44.59 0.42 0.00	40.53 0.20 0.00	50.13 0.19 0.00	60.51 0.27 0.00	74.40 0.74 0.00	71.54 1.33 0.00	73.08 1.77 0.00	52.49 2.13 24.27	20.85 1.66 43.35	20.86 0.54 3.37	338.99 6.89 0.00	68.33 1.36 0.00	47.65 0.91 0.00	48.82 0.93 0.00	46.93 0.78 0.00	48.25 0.28 0.00	52.93 -0.12 0.00
BETHPAGE_CC_5 323564	55.18 1.54 0.00	57.19 1.18 0.00	51.83 1.09 0.00	43.36 0.71 0.00	37.60 0.84 0.00	36.79 1.35 0.00	42.14 1.62 0.00	46.30 2.13 0.00	42.30 1.97 0.00	52.81 2.87 0.00	64.95 4.43 -0.29	79.40 4.86 -0.87	80.37 5.88 -4.28	83.39 7.29 -4.79	132.39 8.63 -49.13	1753.94 5.24 -1686.14	543.54 2.23 -517.62	615.83 28.75 -254.98	74.13 6.25 -0.91	49.79 3.54 0.49	51.24 3.35 0.00	49.03 2.88 0.00	50.16 2.19 0.00	54.86 1.81 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.56 0.92 0.00	56.79 0.78 0.00	50.91 0.16 0.00	42.10 -0.55 0.00	36.37 -0.40 0.00	35.27 -0.17 0.00	40.03 -0.49 0.00	43.82 -0.35 0.00	40.63 0.31 0.00	49.97 0.03 0.00	59.90 -0.34 0.00	72.68 -0.99 0.00	69.23 -0.98 0.00	70.11 -1.21 0.00	74.23 -1.44 -1.04	71.24 -1.00 -9.69	24.43 -0.01 -0.75	338.69 6.60 0.00	67.90 0.93 0.00	47.51 0.77 0.00	48.33 0.43 0.00	45.87 -0.28 0.00	47.63 -0.34 0.00	53.06 0.01 0.00
BINGHAMTON___COGEN 23790	54.04 0.40 0.00	56.41 0.30 -0.10	50.82 0.07 0.00	42.62 -0.03 0.00	36.87 0.10 0.00	35.76 0.32 0.00	40.96 0.44 0.00	44.66 0.49 0.00	40.90 0.57 0.00	50.71 0.76 0.00	61.27 1.03 0.00	75.55 1.06 -0.82	72.09 1.33 -0.55	73.50 1.80 -0.38	79.02 1.34 -3.04	85.78 1.10 -22.13	25.90 0.46 -1.75	340.10 8.01 0.00	68.92 1.95 0.00	48.03 1.29 0.00	49.11 1.22 0.00	47.08 0.93 0.00	48.66 0.69 0.00	53.54 0.49 0.00

BIXINCNT_115KV_LOAD 355685	53.99 0.35 0.00	56.74 0.73 0.00	50.85 0.10 0.00	41.99 -0.66 0.00	36.50 -0.27 0.00	35.43 -0.01 0.00	40.25 -0.27 0.00	43.92 -0.25 0.00	40.67 0.34 0.00	50.10 0.16 0.00	59.99 -0.24 0.00	72.90 -0.76 0.00	69.36 -0.85 0.00	70.56 -0.76 0.00	74.50 -1.23 -1.09	71.66 -1.10 -10.22	24.45 -0.03 -0.79	339.02 6.93 0.00	68.19 1.22 0.00	47.82 1.09 0.00	48.72 0.83 0.00	46.24 0.09 0.00	48.08 0.11 0.00	53.38 0.32 0.00
BLACK RIVER___HYD 24047	55.55 1.91 0.00	58.73 2.53 -0.19	52.92 2.17 0.00	44.40 1.75 0.00	38.00 1.23 0.00	36.54 1.10 0.00	42.16 1.64 0.00	46.72 2.55 0.00	43.21 2.89 0.00	53.35 3.41 0.00	64.04 3.79 -0.01	78.95 3.73 -1.55	74.29 3.04 -1.04	74.28 2.25 -0.72	-81.03 2.16 157.82	59.48 1.84 4.91	24.44 0.74 0.00	342.60 10.51 0.00	69.84 2.87 0.00	49.77 3.03 0.00	52.04 4.14 0.00	50.19 4.04 0.00	52.12 4.15 0.00	57.22 4.17 0.00
BLACKRVR_115KV_TB2 79977	55.55 1.91 0.00	58.73 2.53 -0.19	52.92 2.17 0.00	44.40 1.75 0.00	38.00 1.23 0.00	36.54 1.10 0.00	42.16 1.64 0.00	46.72 2.55 0.00	43.21 2.89 0.00	53.35 3.41 0.00	64.03 3.79 -0.01	78.94 3.73 -1.55	74.29 3.04 -1.04	74.28 2.25 -0.72	-81.03 2.17 157.82	59.48 1.84 4.91	24.44 0.74 0.00	342.55 10.47 0.00	69.82 2.86 0.00	49.77 3.03 0.00	52.04 4.14 0.00	50.19 4.04 0.00	52.12 4.15 0.00	57.22 4.17 0.00
BLDWN_LI_69_KV_BK4 356085	55.71 2.07 0.00	57.69 1.68 0.00	52.21 1.46 0.00	43.70 1.05 0.00	37.89 1.13 0.00	37.07 1.64 0.00	42.43 1.92 0.00	46.61 2.45 0.00	42.60 2.28 0.00	53.19 3.25 0.00	65.19 4.67 -0.29	82.30 5.45 -3.19	87.68 6.28 -11.19	90.68 7.73 -11.63	162.61 9.05 -78.92	1878.66 5.81 -1810.31	588.53 2.44 -562.39	623.71 30.56 -261.06	73.75 6.78 0.00	50.52 4.05 0.27	51.78 3.89 0.00	49.53 3.38 0.00	50.67 2.70 0.00	55.43 2.38 0.00
BLISS_WT_PWR 323608	53.74 0.09 0.00	56.62 0.61 0.00	50.76 0.00 0.00	41.87 -0.78 0.00	36.46 -0.31 0.00	35.39 -0.05 0.00	40.18 -0.34 0.00	43.80 -0.37 0.00	40.56 0.23 0.00	49.97 0.03 0.00	59.79 -0.45 0.00	72.75 -0.92 0.00	69.24 -0.97 0.00	70.52 -0.79 0.00	74.33 -1.40 -1.09	71.58 -1.19 -10.22	24.42 -0.07 -0.79	338.64 6.55 0.00	68.16 1.19 0.00	47.80 1.05 0.00	48.70 0.81 0.00	46.24 0.09 0.00	48.08 0.11 0.00	53.37 0.32 0.00
BLUESTONE___WT_PWR 323821	55.51 1.87 0.00	57.79 1.72 -0.06	52.28 1.54 0.00	44.46 1.81 0.00	38.43 1.67 0.00	37.02 1.58 0.00	42.94 2.43 0.00	47.15 2.99 0.00	43.30 2.98 0.00	53.54 3.60 0.00	63.67 3.43 0.00	78.00 3.62 -0.72	74.70 4.01 -0.48	76.24 4.59 -0.33	81.15 3.32 -3.20	89.67 3.57 -23.55	26.91 1.35 -1.86	352.02 19.93 0.00	71.42 4.45 0.00	50.40 3.65 0.00	51.36 3.46 0.00	49.27 3.12 0.00	50.67 2.70 0.00	55.82 2.77 0.00
BLUE_CIRC_CHEM_DRP 24182	52.92 -0.72 0.00	55.21 -0.80 0.00	50.20 -0.55 0.00	42.29 -0.36 0.00	36.50 -0.26 0.00	35.48 0.04 0.00	40.57 0.05 0.00	44.02 -0.14 0.00	39.95 -0.38 0.00	49.38 -0.56 0.00	59.61 -0.63 0.00	73.26 -0.41 0.00	70.31 0.10 0.00	71.77 0.46 0.00	51.74 0.59 23.49	22.72 0.49 40.31	20.62 0.06 3.14	332.82 0.73 0.00	67.08 0.11 0.00	46.89 0.15 0.00	48.18 0.28 0.00	46.36 0.21 0.00	47.72 -0.26 0.00	52.58 -0.47 0.00
BOC_GAS_DRP 24189	53.61 -0.03 0.00	55.96 -0.05 0.00	50.85 0.10 0.00	42.83 0.19 0.00	36.97 0.21 0.00	35.92 0.48 0.00	41.11 0.59 0.00	44.72 0.55 0.00	40.65 0.33 0.00	50.34 0.40 0.00	60.80 0.57 0.00	74.66 1.00 0.00	71.77 1.56 0.00	73.33 2.01 0.00	58.86 2.32 18.09	17.99 1.78 46.34	20.63 0.58 3.65	339.46 7.37 0.00	68.49 1.52 0.00	47.72 0.97 0.00	48.93 1.04 0.00	47.07 0.91 0.00	48.46 0.49 0.00	53.22 0.17 0.00
BOONVILLE_115KV_TB1 79983	55.08 1.44 0.00	57.72 1.66 -0.05	52.30 1.55 0.00	43.88 1.23 0.00	37.73 0.96 0.00	36.40 0.96 0.00	41.80 1.27 0.00	45.83 1.66 0.00	42.17 1.84 0.00	52.14 2.20 0.00	62.78 2.55 0.00	76.70 2.61 -0.43	72.37 1.87 -0.29	73.33 1.82 -0.20	-10.53 2.16 87.32	61.76 1.92 2.71	24.38 0.68 0.00	342.36 10.27 0.00	69.55 2.58 0.00	48.81 2.07 0.00	50.31 2.41 0.00	48.45 2.30 0.00	50.37 2.40 0.00	55.40 2.35 0.00
BORALEX_4TH_BRANCH 23824	55.60 1.96 0.00	57.98 1.97 0.00	52.44 1.68 0.00	44.14 1.49 0.00	38.12 1.36 0.00	37.20 1.76 0.00	42.53 2.01 0.00	46.19 2.02 0.00	41.98 1.65 0.00	51.86 1.92 0.00	62.70 2.47 0.00	77.23 3.56 0.00	74.54 4.33 0.00	76.20 4.89 0.00	90.89 5.23 -11.03	28.23 3.71 38.03	22.14 1.25 2.81	352.31 20.21 -0.01	71.25 4.28 0.00	49.54 2.80 0.00	50.83 2.94 0.00	48.81 2.65 0.00	50.07 2.10 0.00	54.67 1.62 0.00
BOWLINE___1 23526	54.83 1.19 0.00	56.99 0.98 0.00	51.58 0.83 0.00	43.37 0.72 0.00	37.55 0.78 0.00	36.60 1.17 0.00	41.93 1.41 0.00	45.83 1.66 0.00	41.83 1.50 0.00	52.03 2.10 0.00	63.19 2.95 0.00	77.65 3.98 0.00	75.09 4.88 0.00	77.29 5.98 0.00	77.79 6.94 3.78	-207.48 5.18 275.21	-78.07 1.84 103.61	282.65 24.39 73.83	71.98 5.01 0.00	49.84 3.10 0.00	50.99 3.10 0.00	48.92 2.77 0.00	50.15 2.18 0.00	54.92 1.87 0.00
BOWLINE___2 23595	54.73 1.08 0.00	56.90 0.89 0.00	51.48 0.73 0.00	43.29 0.65 0.00	37.49 0.73 0.00	36.55 1.11 0.00	41.87 1.35 0.00	45.80 1.64 0.00	41.82 1.49 0.00	52.04 2.10 0.00	63.18 2.95 0.00	77.63 3.97 0.00	75.09 4.88 0.00	77.30 5.98 0.00	77.66 6.95 3.91	-208.98 5.18 276.71	-78.40 1.85 103.95	282.51 24.44 74.02	71.99 5.02 0.00	49.85 3.11 0.00	51.00 3.10 0.00	48.93 2.78 0.00	50.16 2.19 0.00	55.00 1.95 0.00
BRADY___115KV_TB2 356060	55.10 1.46 0.00	57.69 1.68 0.00	52.21 1.46 0.00	43.85 1.20 0.00	37.75 0.98 0.00	35.95 0.51 0.00	41.11 0.59 0.00	44.87 0.70 0.00	41.13 0.80 0.00	50.83 0.89 0.00	60.47 0.24 0.00	73.30 -0.37 0.00	68.76 -1.46 0.00	69.20 -2.12 0.00	-750.80 -3.61 821.82	34.58 -3.08 24.89	22.64 -1.06 0.00	318.85 -13.24 0.00	64.31 -2.66 0.00	45.42 -1.32 0.00	46.86 -1.04 0.00	45.39 -0.76 0.00	48.46 0.49 0.00	54.21 1.16 0.00
BRANSCOMB___SOLAR 323811	55.95 2.31 0.00	58.30 2.29 0.00	52.76 2.01 0.00	44.37 1.72 0.00	38.32 1.55 0.00	37.28 1.84 0.00	42.87 2.35 0.00	46.54 2.37 0.00	42.39 2.06 0.00	52.51 2.57 0.00	63.37 3.14 0.00	77.53 3.86 0.00	74.49 4.28 0.00	75.81 4.49 0.00	86.48 5.08 -6.76	24.82 3.69 41.42	21.83 1.35 3.22	353.46 21.37 0.00	71.74 4.77 0.00	50.03 3.29 0.00	51.30 3.41 0.00	49.13 2.98 0.00	50.47 2.50 0.00	55.23 2.18 0.00
BRDGHMPT_69_KV_BK1 55812	55.16 1.52 0.00	57.01 1.00 0.00	51.57 0.82 0.00	43.01 0.36 0.00	37.33 0.57 0.00	36.59 1.15 0.00	41.99 1.47 0.00	46.37 2.20 0.00	42.43 2.10 0.00	53.12 3.18 0.00	65.84 5.32 -0.29	79.85 5.75 -0.43	80.42 6.64 -3.57	83.70 8.41 -3.97	113.07 9.99 -28.45	1660.06 4.77 -1592.74	524.73 2.30 -498.73	922.18 40.08 -550.00	86.58 8.86 -10.75	50.42 4.30 0.62	51.80 3.90 0.00	49.71 3.55 0.00	50.92 2.95 0.00	56.16 3.11 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	55.57 1.93 0.00	57.56 1.55 0.00	52.16 1.41 0.00	43.54 0.89 0.00	37.82 1.05 0.00	37.02 1.58 0.00	42.40 1.88 0.00	46.67 2.50 0.00	42.63 2.30 0.00	53.25 3.31 0.00	65.75 5.23 -0.29	87.44 5.55 -8.22	122.83 6.42 -46.20	121.80 7.77 -42.72	114.09 8.94 -30.52	1667.60 4.51 -1600.54	525.55 2.12 -499.73	830.46 32.22 -466.15	97.26 7.04 -23.25	49.98 3.84 0.59	51.46 3.56 0.00	49.22 3.07 0.00	50.50 2.53 0.00	55.27 2.22 0.00
BRISTLHL_115KV_TB1 79998	53.14 -0.50 0.00	55.87 -0.61 -0.46	50.07 -0.68 0.00	42.01 -0.64 0.00	36.24 -0.53 0.00	35.07 -0.36 0.00	40.14 -0.38 0.00	43.82 -0.34 0.00	40.10 -0.23 0.00	49.60 -0.34 0.00	59.84 -0.41 -0.02	76.62 -0.73 -3.68	72.25 -0.43 -2.47	72.55 -0.47 -1.71	55.28 -0.50 18.85	61.60 -0.33 0.62	23.58 -0.12 0.00	331.65 -0.44 0.00	66.97 0.00 0.00	46.72 -0.02 0.00	47.89 0.00 0.00	46.00 -0.15 0.00	47.54 -0.43 0.00	52.37 -0.68 0.00
BROOKHAVEN___DRP 24191	54.72 1.08 0.00	56.65 0.64 0.00	51.29 0.54 0.00	42.81 0.16 0.00	37.16 0.40 0.00	36.42 0.98 0.00	41.73 1.21 0.00	45.97 1.80 0.00	42.03 1.70 0.00	52.56 2.62 0.00	64.95 4.43 -0.29	78.73 4.65 -0.41	79.14 5.48 -3.44	82.22 7.05 -3.86	111.48 8.45 -28.39	1658.72 3.52 -1592.65	524.22 1.77 -498.76	906.51 30.14 -544.29	84.16 6.67 -10.52	49.58 3.46 0.62	51.05 3.16 0.00	48.82 2.67 0.00	50.04 2.06 0.00	54.79 1.74 0.00
BROOKLYN_NAVY_YARD 23515	55.28 1.64 0.00	57.35 1.34 0.00	51.97 1.23 0.00	43.75 1.10 0.00	37.92 1.16 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.59 2.42 0.00	42.60 2.27 0.00	53.00 3.06 0.00	64.20 3.97 0.00	78.96 5.29 0.00	76.57 6.36 0.00	78.85 7.52 -0.01	300.50 8.54 -217.33	2461.81 6.26 -2393.00	520.54 2.18 -494.66	634.69 29.12 -273.49	73.82 6.29 -0.56	51.06 3.96 -0.36	51.84 3.95 0.00	49.80 3.65 0.00	51.03 3.06 0.00	55.74 2.69 0.00
BROOKLYN___ARMY_DRP 323595	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.96 5.99 -646.42	257.76 2.13 -231.93	358.52 28.08 1.66	73.39 6.42 0.00	50.67 3.93 0.00	51.81 3.92 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
BROOME_2_LFGE 323671	54.04 0.40 0.00	56.41 0.30 -0.10	50.81 0.06 0.00	42.62 -0.03 0.00	36.87 0.10 0.00	35.76 0.32 0.00	40.96 0.44 0.00	44.66 0.49 0.00	40.90 0.57 0.00	50.70 0.76 0.00	61.26 1.02 0.00	75.55 1.07 -0.82	72.09 1.33 -0.55	73.49 1.80 -0.38	79.02 1.34 -3.04	85.80 1.12 -22.13	25.90 0.46 -1.75	340.14 8.05 0.00	68.94 1.97 0.00	48.03 1.29 0.00	49.11 1.22 0.00	47.09 0.93 0.00	48.66 0.69 0.00	53.54 0.49 0.00
BROOME___LFGE 323600	54.04 0.40 0.00	56.41 0.30 -0.10	50.81 0.06 0.00	42.62 -0.03 0.00	36.87 0.10 0.00	35.76 0.32 0.00	40.96 0.44 0.00	44.66 0.49 0.00	40.90 0.57 0.00	50.70 0.76 0.00	61.26 1.02 0.00	75.55 1.07 -0.82	72.09 1.33 -0.55	73.49 1.80 -0.38	79.02 1.34 -3.04	85.80 1.12 -22.13	25.90 0.46 -1.75	340.14 8.05 0.00	68.94 1.97 0.00	48.03 1.29 0.00	49.11 1.22 0.00	47.09 0.93 0.00	48.66 0.69 0.00	53.54 0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.63 0.00	35.75 0.31 0.00	41.02 0.50 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.26 1.32 0.00	61.17 0.94 0.00	74.70 0.42 -0.62	70.07 1.33 -0.41	70.42 1.80 -0.29	-341.69 1.34 414.44	48.19 1.12 12.85	23.17 0.46 0.00	325.23 8.05 0.00	65.95 1.97 0.00	46.62 1.29 0.00	48.29 1.22 0.00	46.72 0.93 0.00	49.37 1.40 0.00	54.77 1.72 0.00
BROWNSV1_27_KV_LOAD 356125	56.06 2.42 0.00	58.16 2.15 0.00	52.68 1.93 0.00	44.32 1.68 0.00	38.41 1.64 0.00	37.51 2.07 0.00	42.99 2.47 0.00	47.21 3.04 0.00	43.18 2.85 0.00	53.75 3.81 0.00	65.19 4.95 0.00	80.24 6.57 0.00	77.78 7.57 0.00	80.10 8.79 0.00	301.43 9.89 -216.91	2422.69 7.40 -2352.75	507.36 2.61 -481.05	626.94 35.29 -259.56	74.44 7.47 0.00	51.51 4.77 0.00	52.65 4.76 0.00	50.57 4.41 0.00	51.84 3.87 0.00	56.66 3.61 0.00
BURROWS___LYONSDAL 23803	54.85 1.21 0.00	57.60 1.52 -0.07	52.20 1.45 0.00	43.79 1.14 0.00	37.62 0.86 0.00	36.24 0.80 0.00	41.65 1.14 0.00	45.74 1.57 0.00	42.18 1.85 0.00	52.15 2.21 0.00	62.72 2.49 0.00	76.68 2.50 -0.52	72.21 1.65 -0.35	73.06 1.51 -0.24	-38.76 1.82 115.21	60.63 1.66 3.58	24.30 0.60 0.00	340.99 8.90 0.00	69.32 2.35 0.00	48.76 2.02 0.00	50.36 2.47 0.00	48.54 2.39 0.00	50.50 2.52 0.00	55.56 2.51 0.00
CAITHNESS_CC_1 323624	54.70 1.05 0.00	56.66 0.65 0.00	51.30 0.55 0.00	42.82 0.17 0.00	37.18 0.41 0.00	36.43 0.99 0.00	41.73 1.21 0.00	45.96 1.79 0.00	42.01 1.69 0.00	52.52 2.58 0.00	64.97 4.45 -0.29	78.60 4.56 -0.38	78.94 5.42 -3.31	81.98 6.92 -3.74	111.27 8.30 -28.35	1658.56 3.46 -1592.56	524.17 1.69 -498.78	899.63 28.99 -538.55	83.65 6.39 -10.29	49.42 3.29 0.62	50.96 3.06 0.00	48.72 2.57 0.00	49.94 1.97 0.00	54.69 1.64 0.00
CALPINE BETH_PAGE_GT4 24209	55.19 1.55 0.00	57.19 1.18 0.00	51.83 1.08 0.00	43.36 0.72 0.00	37.60 0.84 0.00	36.79 1.35 0.00	42.12 1.61 0.00	46.29 2.12 0.00	42.31 1.99 0.00	52.83 2.89 0.00	64.90 4.38 -0.29	79.69 4.95 -1.07	80.78 5.95 -4.63	83.84 7.36 -5.17	141.55 8.70 -58.21	1796.69 5.42 -1728.72	552.32 2.29 -526.33	615.97 29.03 -254.84	73.89 6.33 -0.59	49.91 3.59 0.42	51.26 3.37 0.00	49.05 2.90 0.00	50.18 2.21 0.00	54.87 1.82 0.00
CALPINE_BETH_PAGE_GT_4 323586	55.18 1.54 0.00	57.19 1.18 0.00	51.83 1.08 0.00	43.36 0.72 0.00	37.60 0.84 0.00	36.79 1.35 0.00	42.12 1.60 0.00	46.29 2.12 0.00	42.31 1.99 0.00	52.82 2.88 0.00	64.96 4.43 -0.29	79.67 4.94 -1.07	80.79 5.96 -4.63	83.84 7.35 -5.17	141.53 8.69 -58.21	1796.65 5.38 -1728.72	552.28 2.26 -526.33	615.72 28.79 -254.84	73.77 6.21 -0.59	49.87 3.55 0.42	51.26 3.37 0.00	49.05 2.90 0.00	50.18 2.21 0.00	54.87 1.82 0.00
CALPINE_BP_GT1 23823	55.18 1.54 0.00	57.19 1.18 0.00	51.83 1.08 0.00	43.36 0.72 0.00	37.60 0.84 0.00	36.79 1.35 0.00	42.12 1.60 0.00	46.29 2.12 0.00	42.31 1.99 0.00	52.82 2.88 0.00	64.96 4.43 -0.29	79.67 4.94 -1.07	80.79 5.96 -4.63	83.84 7.35 -5.17	141.53 8.69 -58.21	1796.65 5.38 -1728.72	552.28 2.26 -526.33	615.72 28.79 -254.84	73.77 6.21 -0.59	49.87 3.55 0.42	51.26 3.37 0.00	49.05 2.90 0.00	50.18 2.21 0.00	54.87 1.82 0.00
CALSPAN___DRP 24200	54.45 0.81 0.00	56.68 0.67 0.00	50.82 0.07 0.00	42.02 -0.63 0.00	36.29 -0.47 0.00	35.20 -0.24 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.53 0.20 0.00	49.82 -0.12 0.00	59.71 -0.52 0.00	72.46 -1.21 0.00	68.99 -1.22 0.00	69.80 -1.51 0.00	73.92 -1.74 -1.03	70.88 -1.25 -9.58	24.33 -0.11 -0.74	337.41 5.32 0.00	67.63 0.66 0.00	47.32 0.58 0.00	48.16 0.26 0.00	45.72 -0.43 0.00	47.47 -0.50 0.00	52.94 -0.11 0.00

CALVERTON___SOLAR 323806	54.78 1.14 0.00	56.70 0.69 0.00	51.31 0.56 0.00	42.82 0.17 0.00	37.17 0.41 0.00	36.43 0.99 0.00	41.76 1.24 0.00	46.02 1.85 0.00	42.07 1.74 0.00	52.61 2.67 0.00	65.10 4.58 -0.29	78.85 4.77 -0.41	79.35 5.66 -3.48	82.45 7.24 -3.89	111.71 8.66 -28.41	1658.80 3.59 -1592.67	524.16 1.72 -498.75	909.93 31.45 -546.40	84.44 6.87 -10.60	49.67 3.55 0.62	51.19 3.30 0.00	48.95 2.80 0.00	50.17 2.20 0.00	54.97 1.92 0.00
CANDIGU_WT_PWR 323617	52.70 -0.95 0.00	54.79 -1.28 -0.06	49.53 -1.22 0.00	41.53 -1.12 0.00	35.85 -0.91 0.00	35.01 -0.42 0.00	40.00 -0.52 0.00	43.60 -0.57 0.00	40.26 -0.07 0.00	49.49 -0.45 0.00	59.57 -0.67 0.00	72.56 -1.58 -0.48	69.50 -1.03 -0.32	70.52 -1.01 -0.22	74.32 -1.88 -1.57	74.37 -1.23 -13.06	24.36 -0.34 -1.01	332.74 0.65 0.00	67.73 0.76 0.00	47.50 0.76 0.00	48.66 0.76 0.00	46.49 0.34 0.00	48.16 0.19 0.00	53.31 0.26 0.00
CARR STREET_E_SYR 24060	53.66 0.01 0.00	56.05 -0.10 -0.14	50.51 -0.24 0.00	42.35 -0.30 0.00	36.55 -0.21 0.00	35.39 -0.04 0.00	40.51 -0.01 0.00	44.22 0.05 0.00	40.48 0.15 0.00	50.07 0.13 0.00	60.40 0.16 0.00	74.82 0.04 -1.11	71.21 0.25 -0.75	72.18 0.35 -0.51	58.34 0.31 16.60	62.27 0.24 0.52	23.71 0.01 0.00	333.28 1.18 0.00	67.30 0.33 0.00	46.95 0.21 0.00	48.07 0.17 0.00	46.13 -0.02 0.00	47.69 -0.28 0.00	52.51 -0.54 0.00
CARTHAGE___PAPER 23857	55.46 1.82 0.00	58.57 2.40 -0.16	52.89 2.14 0.00	44.36 1.71 0.00	37.99 1.23 0.00	36.48 1.04 0.00	42.05 1.53 0.00	46.50 2.33 0.00	43.00 2.68 0.00	53.07 3.13 0.00	63.59 3.35 -0.01	78.24 3.27 -1.30	73.45 2.36 -0.87	73.54 1.62 -0.60	-109.28 1.62 185.53	58.23 1.44 5.77	24.24 0.54 0.00	339.74 7.65 0.00	69.27 2.30 0.00	49.30 2.56 0.00	51.42 3.53 0.00	49.63 3.48 0.00	51.74 3.78 0.00	56.92 3.87 0.00
CASSADAGA_WT_PWR 323784	55.71 2.07 0.00	57.88 1.87 0.00	51.23 0.48 0.00	41.89 -0.76 0.00	35.93 -0.83 0.00	35.17 -0.27 0.00	40.48 -0.04 0.00	44.79 0.63 0.00	41.61 1.28 0.00	51.54 1.60 0.00	61.88 1.64 0.00	75.15 1.48 0.00	71.68 1.47 0.00	72.10 0.78 0.00	75.63 -0.09 -1.09	72.81 0.09 -10.16	24.81 0.33 -0.78	343.83 11.74 0.00	69.48 2.52 0.00	48.54 1.80 0.00	49.41 1.51 0.00	46.83 0.68 0.00	49.09 1.12 0.00	54.44 1.39 0.00
CE_DUNWOOD___DRP 24194	55.16 1.52 0.00	57.32 1.31 0.00	51.91 1.16 0.00	43.65 1.00 0.00	37.80 1.04 0.00	36.89 1.45 0.00	42.26 1.74 0.00	46.29 2.12 0.00	42.29 1.96 0.00	52.62 2.68 0.00	63.85 3.62 0.00	78.49 4.82 0.00	75.96 5.75 0.00	78.21 6.90 0.00	300.80 7.86 -218.31	2436.92 5.81 -2368.55	510.09 2.07 -484.33	621.26 27.76 -261.41	72.82 5.85 0.00	50.39 3.65 0.00	51.53 3.63 0.00	49.44 3.29 0.00	50.66 2.69 0.00	55.40 2.35 0.00
CE_MILLWOOD___DRP 24193	55.03 1.39 0.00	57.21 1.20 0.00	51.80 1.05 0.00	43.57 0.92 0.00	37.72 0.96 0.00	36.80 1.36 0.00	42.16 1.64 0.00	46.15 1.98 0.00	42.15 1.83 0.00	52.45 2.52 0.00	63.64 3.40 0.00	78.21 4.54 0.00	75.69 5.48 0.00	77.92 6.60 0.00	297.65 7.55 -215.46	2364.77 5.60 -2296.62	486.39 1.99 -460.70	608.99 26.58 -250.32	72.56 5.58 0.00	50.24 3.50 0.00	51.36 3.46 0.00	49.30 3.14 0.00	50.50 2.53 0.00	55.26 2.21 0.00
CE_NYC2_DRP 24202	47.93 1.23 6.95	55.65 0.99 1.36	51.71 0.96 0.00	43.63 0.99 0.00	37.82 1.06 0.00	36.94 1.51 0.00	42.28 1.76 0.00	46.38 2.21 0.00	42.39 2.06 0.00	52.70 2.76 0.00	63.75 3.51 0.00	78.39 4.72 0.00	76.01 5.80 0.00	78.85 6.95 -0.59	89.63 7.93 -7.07	714.94 5.70 -646.69	238.97 2.00 -213.27	357.05 26.61 1.66	73.02 6.05 0.00	50.47 3.73 0.00	51.55 3.66 0.00	49.72 3.57 0.00	50.83 2.86 0.00	55.50 2.45 0.00
CE_NYC_DRP 24195	55.35 1.70 0.00	57.45 1.44 0.00	52.08 1.33 0.00	43.84 1.19 0.00	37.98 1.22 0.00	37.10 1.66 0.00	42.50 1.99 0.00	46.66 2.49 0.00	42.65 2.32 0.00	53.08 3.14 0.00	64.33 4.10 0.00	79.12 5.45 0.00	76.69 6.48 0.00	78.95 7.64 0.00	300.21 8.66 -216.92	2421.72 6.35 -2352.82	506.99 2.22 -481.07	621.35 29.70 -259.56	73.36 6.39 0.00	50.77 4.03 0.00	51.90 4.00 0.00	49.86 3.71 0.00	51.10 3.13 0.00	55.87 2.81 0.00
CHAFFEE___LFGE 323603	54.72 1.08 0.00	56.91 0.89 0.00	50.99 0.24 0.00	42.18 -0.47 0.00	36.47 -0.29 0.00	35.36 -0.07 0.00	40.15 -0.37 0.00	43.98 -0.19 0.00	40.77 0.44 0.00	50.12 0.18 0.00	60.02 -0.21 0.00	72.88 -0.79 0.00	69.35 -0.87 0.00	70.24 -1.08 0.00	74.32 -1.37 -1.06	71.61 -0.84 -9.90	24.50 0.04 -0.76	339.50 7.41 0.00	68.13 1.16 0.00	47.62 0.88 0.00	48.42 0.53 0.00	45.96 -0.19 0.00	47.70 -0.27 0.00	53.14 0.09 0.00
CHATEAUG_35_KV_LOAD 355732	53.11 -0.53 0.00	56.03 0.02 0.00	50.57 -0.18 0.00	42.42 -0.23 0.00	36.52 -0.24 0.00	34.86 -0.58 0.00	40.00 -0.52 0.00	43.65 -0.52 0.00	40.02 -0.31 0.00	49.44 -0.51 0.00	59.52 -0.72 0.00	72.61 -1.05 0.00	68.52 -1.70 0.00	69.11 -2.20 0.00	13.91 -2.44 58.28	58.62 -2.21 1.73	22.94 -0.76 0.00	323.50 -8.59 0.00	64.98 -1.99 0.00	45.51 -1.23 0.00	46.73 -1.17 0.00	45.19 -0.96 0.00	47.65 -0.32 0.00	53.24 0.19 0.00
CHATEAUG_WT_PWR 323614	52.99 -0.65 0.00	55.89 -0.12 0.00	50.48 -0.27 0.00	42.31 -0.34 0.00	36.45 -0.31 0.00	34.81 -0.63 0.00	39.93 -0.59 0.00	43.55 -0.62 0.00	39.92 -0.41 0.00	49.38 -0.56 0.00	59.42 -0.82 0.00	72.60 -1.06 0.00	68.63 -1.58 0.00	69.27 -2.05 0.00	71.09 -2.36 1.17	60.40 -2.15 0.00	22.96 -0.74 0.00	323.51 -8.58 0.00	65.10 -1.87 0.00	45.54 -1.20 0.00	46.68 -1.22 0.00	45.10 -1.05 0.00	47.54 -0.43 0.00	53.11 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	53.11 -0.53 0.00	56.03 0.02 0.00	50.57 -0.18 0.00	42.42 -0.23 0.00	36.52 -0.24 0.00	34.86 -0.58 0.00	40.00 -0.52 0.00	43.65 -0.52 0.00	40.02 -0.31 0.00	49.44 -0.51 0.00	59.52 -0.72 0.00	72.61 -1.05 0.00	68.52 -1.70 0.00	69.11 -2.20 0.00	13.91 -2.44 58.28	58.62 -2.21 1.73	22.94 -0.76 0.00	323.50 -8.59 0.00	64.98 -1.99 0.00	45.51 -1.23 0.00	46.73 -1.17 0.00	45.19 -0.96 0.00	47.65 -0.32 0.00	53.24 0.19 0.00
CHAUTAUQUA___LFGE 323629	55.01 1.37 0.00	57.24 1.23 0.00	50.92 0.16 0.00	41.94 -0.71 0.00	36.14 -0.63 0.00	35.19 -0.25 0.00	40.26 -0.26 0.00	44.14 -0.03 0.00	40.93 0.60 0.00	50.54 0.60 0.00	60.74 0.51 0.00	73.69 0.02 0.00	70.29 0.08 0.00	71.20 -0.12 0.00	74.81 -0.88 -1.06	72.00 -0.49 -9.94	24.63 0.17 -0.77	341.04 8.94 0.00	68.90 1.93 0.00	48.05 1.31 0.00	48.94 1.04 0.00	46.42 0.27 0.00	48.39 0.42 0.00	53.73 0.68 0.00
CHERRYST_13_KV_LD 356241	55.53 1.89 0.00	57.64 1.63 0.00	52.26 1.51 0.00	43.97 1.32 0.00	38.12 1.36 0.00	37.23 1.79 0.00	42.67 2.15 0.00	46.87 2.70 0.00	42.85 2.53 0.00	53.35 3.41 0.00	64.65 4.42 0.00	79.54 5.88 0.00	77.11 6.90 0.00	79.39 8.07 0.00	300.66 9.11 -216.92	2422.09 6.73 -2352.81	507.11 2.34 -481.07	623.29 31.64 -259.56	73.69 6.72 0.00	50.97 4.23 0.00	52.09 4.20 0.00	50.04 3.89 0.00	51.28 3.31 0.00	56.06 3.02 0.00

CHESTROR_138KV_BK263 355645	54.79 1.15 0.00	56.98 0.97 0.00	51.59 0.84 0.00	43.38 0.73 0.00	37.53 0.77 0.00	36.55 1.12 0.00	41.86 1.33 0.00	45.76 1.60 0.00	41.77 1.44 0.00	51.94 2.00 0.00	62.97 2.73 0.00	77.37 3.71 0.00	74.74 4.53 0.00	76.87 5.55 0.00	116.05 6.33 -35.09	176.66 4.82 -109.29	5.88 1.74 19.56	329.18 22.69 25.60	71.74 4.77 0.00	49.74 3.00 0.00	50.88 2.99 0.00	48.83 2.68 0.00	50.08 2.11 0.00	54.88 1.83 0.00
CH_MIDHUDSON___DRP 24192	55.25 1.61 0.00	57.46 1.45 0.00	52.03 1.28 0.00	43.76 1.11 0.00	37.86 1.10 0.00	36.89 1.45 0.00	42.26 1.75 0.00	46.24 2.07 0.00	42.22 1.89 0.00	52.51 2.58 0.00	63.71 3.47 0.00	78.41 4.74 0.00	75.86 5.64 0.00	78.03 6.72 0.00	98.20 7.52 -16.05	103.04 5.60 -34.89	29.44 1.99 -3.74	359.12 26.97 -0.06	72.62 5.65 0.00	50.34 3.60 0.00	51.46 3.56 0.00	49.35 3.20 0.00	50.55 2.58 0.00	55.26 2.21 0.00
CH_MISC_IPPS 23765	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.89 2.95 0.00	64.19 3.96 0.00	78.95 5.28 0.00	76.44 6.23 0.00	78.68 7.37 0.00	102.48 8.28 -19.57	140.56 6.33 -71.68	32.52 2.27 -6.55	362.89 30.74 -0.06	73.41 6.44 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.04 0.00	55.76 2.71 0.00
CH_RES_BVR_FALLS 23983	53.06 -0.59 0.00	55.63 -0.38 0.00	50.50 -0.25 0.00	42.46 -0.19 0.00	36.58 -0.18 0.00	35.09 -0.35 0.00	40.13 -0.38 0.00	43.71 -0.46 0.00	40.05 -0.28 0.00	49.65 -0.29 0.00	59.79 -0.44 0.00	73.05 -0.62 0.00	69.18 -1.03 0.00	69.92 -1.39 0.00	93.04 -1.66 -20.07	61.82 -1.34 -0.62	23.23 -0.47 0.00	325.81 -6.29 0.00	65.63 -1.34 0.00	45.89 -0.85 0.00	47.05 -0.84 0.00	45.45 -0.70 0.00	47.59 -0.38 0.00	52.98 -0.07 0.00
CH_RES_NIAGARA 23895	53.07 -0.58 0.00	55.27 -0.74 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.78 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.18 -1.76 0.00	57.56 -2.68 0.00	69.83 -3.84 0.00	65.97 -4.24 0.00	66.55 -4.77 0.00	70.61 -4.96 -0.94	67.32 -4.04 -8.81	23.27 -1.11 -0.68	323.81 -8.28 0.00	64.43 -2.54 0.00	45.18 -1.56 0.00	45.95 -1.95 0.00	43.67 -2.48 0.00	45.49 -2.49 0.00	51.00 -2.05 0.00
CH_RES_SYRACUSE 23985	53.95 0.31 0.00	56.44 0.18 -0.25	50.78 0.03 0.00	42.55 -0.09 0.00	36.72 -0.04 0.00	35.56 0.12 0.00	40.71 0.19 0.00	44.40 0.23 0.00	40.56 0.24 0.00	50.09 0.15 0.00	60.35 0.10 -0.01	75.61 -0.09 -2.03	71.82 0.25 -1.36	72.53 0.27 -0.94	61.60 0.21 13.24	68.05 0.24 -5.26	24.24 0.10 -0.44	334.55 2.46 0.00	67.61 0.64 0.00	47.18 0.44 0.00	48.33 0.43 0.00	46.36 0.21 0.00	47.93 -0.04 0.00	52.74 -0.31 0.00
CLINTON_WT_PWR 323605	52.99 -0.65 0.00	55.89 -0.12 0.00	50.48 -0.27 0.00	42.31 -0.34 0.00	36.45 -0.31 0.00	34.81 -0.63 0.00	39.93 -0.59 0.00	43.55 -0.62 0.00	39.92 -0.41 0.00	49.38 -0.56 0.00	59.42 -0.82 0.00	72.60 -1.06 0.00	68.63 -1.58 0.00	69.27 -2.05 0.00	71.09 -2.36 1.17	60.40 -2.15 0.00	22.96 -0.74 0.00	323.51 -8.58 0.00	65.10 -1.87 0.00	45.54 -1.20 0.00	46.68 -1.22 0.00	45.10 -1.05 0.00	47.54 -0.43 0.00	53.11 0.06 0.00
CLINTON___LFGE 323618	53.63 -0.01 0.00	56.58 0.57 0.00	51.10 0.35 0.00	42.83 0.18 0.00	36.91 0.15 0.00	35.29 -0.15 0.00	40.46 -0.06 0.00	44.16 -0.01 0.00	40.49 0.16 0.00	50.09 0.15 0.00	60.20 -0.03 0.00	73.29 -0.37 0.00	69.36 -0.85 0.00	70.14 -1.17 0.00	59.14 -1.64 13.86	60.43 -1.74 0.38	23.13 -0.57 0.00	326.99 -5.10 0.00	65.99 -0.97 0.00	46.18 -0.56 0.00	47.33 -0.56 0.00	45.65 -0.50 0.00	48.04 0.07 0.00	53.65 0.60 0.00
COBBLENY_34_KV_TB1 80064	54.71 1.07 0.00	56.90 0.89 0.00	51.00 0.25 0.00	42.18 -0.47 0.00	36.47 -0.29 0.00	35.36 -0.07 0.00	40.14 -0.37 0.00	43.97 -0.20 0.00	40.77 0.44 0.00	50.12 0.18 0.00	60.08 -0.15 0.00	72.88 -0.79 0.00	69.36 -0.85 0.00	70.20 -1.12 0.00	74.40 -1.29 -1.06	71.54 -0.90 -9.90	24.50 0.04 -0.76	339.54 7.45 0.00	68.08 1.11 0.00	47.62 0.88 0.00	48.43 0.53 0.00	45.97 -0.18 0.00	47.70 -0.28 0.00	53.13 0.08 0.00
COFFEEN___115KV_TB3 355620	56.22 2.58 0.00	59.35 3.14 -0.20	53.45 2.70 0.00	44.85 2.20 0.00	38.38 1.61 0.00	36.93 1.50 0.00	42.60 2.08 0.00	47.23 3.06 0.00	43.68 3.35 0.00	53.93 3.99 0.00	64.75 4.51 -0.01	79.73 4.46 -1.59	75.03 3.75 -1.07	74.92 2.87 -0.74	-75.72 2.56 152.92	59.93 2.14 4.76	24.60 0.90 0.00	344.51 12.42 0.00	70.28 3.31 0.00	50.20 3.46 0.00	52.65 4.76 0.00	50.77 4.62 0.00	52.65 4.68 0.00	57.74 4.69 0.00
COLDSPRG_115KV_BK1 355956	55.74 2.10 0.00	57.91 1.90 0.00	51.55 0.81 0.00	42.46 -0.19 0.00	36.64 -0.12 0.00	35.74 0.30 0.00	41.00 0.48 0.00	45.35 1.18 0.00	42.09 1.77 0.00	52.09 2.16 0.00	62.41 2.18 0.00	75.65 1.98 0.00	71.98 1.77 0.00	72.28 0.96 0.00	76.06 0.30 -1.13	73.25 0.21 -10.48	24.86 0.36 -0.81	343.86 11.77 0.00	69.38 2.42 0.00	48.49 1.75 0.00	49.33 1.43 0.00	46.75 0.60 0.00	49.08 1.11 0.00	54.31 1.26 0.00
COLONIE_LFGE___ 323577	55.05 1.41 0.00	57.39 1.38 0.00	52.00 1.25 0.00	43.77 1.12 0.00	37.78 1.02 0.00	36.78 1.34 0.00	42.12 1.60 0.00	45.79 1.62 0.00	41.68 1.35 0.00	51.58 1.64 0.00	62.31 2.08 0.00	76.53 2.87 0.00	73.66 3.45 0.00	75.15 3.83 0.00	91.06 4.26 -12.17	26.13 3.12 39.54	21.78 1.10 3.02	348.60 16.51 0.00	70.50 3.53 0.00	49.09 2.35 0.00	50.33 2.43 0.00	48.29 2.14 0.00	49.62 1.65 0.00	54.33 1.28 0.00
COOPERNY_115KV_TB1 80082	54.53 0.89 0.00	56.77 0.76 0.00	51.41 0.67 0.00	43.23 0.58 0.00	37.40 0.63 0.00	36.33 0.90 0.00	41.60 1.08 0.00	45.45 1.28 0.00	41.48 1.15 0.00	51.50 1.56 0.00	62.30 2.06 0.00	76.44 2.78 0.00	73.65 3.44 0.00	75.53 4.21 0.00	99.45 4.75 -20.07	183.79 3.64 -117.60	22.70 1.31 2.31	338.37 17.29 11.01	70.65 3.69 0.00	49.07 2.33 0.00	50.17 2.28 0.00	48.20 2.04 0.00	49.56 1.59 0.00	54.40 1.35 0.00
COPENHAGEN_WT_PWR 323753	54.63 0.99 0.00	57.95 1.73 -0.21	52.20 1.45 0.00	43.79 1.14 0.00	37.44 0.68 0.00	35.98 0.54 0.00	41.56 1.04 0.00	46.09 1.92 0.00	42.68 2.35 0.00	52.71 2.77 0.00	63.33 3.09 -0.01	78.38 3.04 -1.67	73.71 2.37 -1.12	73.72 1.63 -0.78	-67.90 1.68 144.22	59.53 1.47 4.49	24.29 0.59 0.00	340.18 8.09 0.00	69.33 2.36 0.00	49.39 2.65 0.00	51.61 3.71 0.00	49.78 3.63 0.00	51.67 3.71 0.00	56.74 3.69 0.00
CORNELL_____ 23752	55.06 1.41 0.00	57.42 1.28 -0.14	51.70 0.95 0.00	43.34 0.69 0.00	37.48 0.71 0.00	36.33 0.89 0.00	41.66 1.14 0.00	45.44 1.27 0.00	41.61 1.28 0.00	51.56 1.62 0.00	62.09 1.85 -0.01	76.61 1.81 -1.14	73.13 2.16 -0.76	74.38 2.53 -0.53	78.26 1.77 -1.85	77.45 1.42 -13.48	25.38 0.64 -1.04	343.20 11.11 0.00	69.68 2.71 0.00	48.86 2.12 0.00	50.06 2.17 0.00	48.00 1.85 0.00	49.55 1.58 0.00	54.43 1.38 0.00

CORONA__69_KV_TB1 355595	55.80 2.15 0.00	57.79 1.78 0.00	52.31 1.55 0.00	43.82 1.17 0.00	37.99 1.23 0.00	37.15 1.71 0.00	42.54 2.02 0.00	46.67 2.50 0.00	42.65 2.33 0.00	53.26 3.32 0.00	65.33 4.80 -0.29	86.54 5.65 -7.22	102.23 6.66 -25.36	104.67 8.07 -25.29	196.24 9.31 -112.30	2024.46 6.20 -1955.72	652.21 2.51 -626.00	655.17 31.78 -291.30	75.04 6.94 -1.13	51.63 4.16 -0.73	51.94 4.04 0.00	49.71 3.56 0.00	50.83 2.85 0.00	55.55 2.50 0.00
CORTLAND__115KV_TB3 80093	54.30 0.66 0.00	56.71 0.54 -0.16	51.05 0.30 0.00	42.82 0.17 0.00	37.01 0.25 0.00	35.88 0.44 0.00	41.12 0.61 0.00	44.86 0.69 0.00	41.04 0.71 0.00	50.85 0.91 0.00	61.32 1.09 -0.01	76.06 1.13 -1.26	72.46 1.40 -0.85	73.64 1.75 -0.58	77.72 1.37 -1.73	75.49 1.05 -11.89	25.07 0.45 -0.92	340.17 8.08 0.00	68.95 1.98 0.00	48.20 1.46 0.00	49.37 1.48 0.00	47.39 1.24 0.00	48.99 1.02 0.00	53.87 0.82 0.00
COXSACKIE__GT 23611	56.35 2.71 0.00	58.66 2.65 0.00	53.15 2.40 0.00	44.71 2.06 0.00	38.55 1.79 0.00	37.52 2.08 0.00	43.00 2.48 0.00	46.68 2.51 0.00	42.45 2.12 0.00	52.36 2.42 0.00	62.61 2.38 0.00	77.43 3.76 0.00	74.15 3.94 0.00	76.08 4.76 0.00	58.84 4.75 20.54	48.99 4.41 17.98	23.98 1.47 1.19	356.07 23.96 -0.01	71.84 4.87 0.00	50.58 3.84 0.00	52.04 4.15 0.00	49.85 3.70 0.00	51.01 3.04 0.00	55.75 2.70 0.00
CPV_VALLEY__CC1 323721	54.36 0.72 0.00	56.56 0.55 0.00	51.21 0.46 0.00	43.07 0.42 0.00	37.28 0.51 0.00	36.29 0.85 0.00	41.54 1.03 0.00	45.41 1.24 0.00	41.43 1.11 0.00	51.51 1.57 0.00	62.44 2.21 0.00	76.67 3.00 0.00	74.00 3.79 0.00	76.02 4.71 0.00	108.62 5.43 -28.56	235.84 4.07 -169.22	22.38 1.47 2.78	335.71 18.89 15.27	70.93 3.96 0.00	49.21 2.46 0.00	50.34 2.44 0.00	48.33 2.18 0.00	49.62 1.65 0.00	54.40 1.35 0.00
CPV_VALLEY__CC2 323722	54.36 0.72 0.00	56.56 0.55 0.00	51.21 0.46 0.00	43.07 0.42 0.00	37.28 0.51 0.00	36.29 0.85 0.00	41.54 1.03 0.00	45.41 1.24 0.00	41.43 1.11 0.00	51.51 1.57 0.00	62.44 2.21 0.00	76.67 3.00 0.00	74.00 3.79 0.00	76.02 4.71 0.00	108.62 5.43 -28.56	235.84 4.07 -169.22	22.38 1.47 2.78	335.71 18.89 15.27	70.93 3.96 0.00	49.21 2.46 0.00	50.34 2.44 0.00	48.33 2.18 0.00	49.62 1.65 0.00	54.40 1.35 0.00
CRESCENT__HYD 24018	55.05 1.41 0.00	57.39 1.38 0.00	52.00 1.25 0.00	43.77 1.12 0.00	37.78 1.02 0.00	36.78 1.34 0.00	42.12 1.60 0.00	45.79 1.62 0.00	41.68 1.35 0.00	51.58 1.64 0.00	62.31 2.08 0.00	76.53 2.87 0.00	73.66 3.45 0.00	75.15 3.83 0.00	91.06 4.26 -12.17	26.13 3.12 39.54	21.78 1.10 3.02	348.60 16.51 0.00	70.50 3.53 0.00	49.09 2.35 0.00	50.33 2.43 0.00	48.29 2.14 0.00	49.62 1.65 0.00	54.33 1.28 0.00
CRICKET__VALLEY_CC1 323756	54.37 0.73 0.00	56.58 0.58 0.00	51.23 0.48 0.00	43.13 0.48 0.00	37.32 0.55 0.00	36.39 0.95 0.00	41.68 1.16 0.00	45.50 1.33 0.00	41.54 1.22 0.00	51.59 1.65 0.00	62.56 2.33 0.00	76.98 3.32 0.00	74.57 4.36 0.00	76.68 5.37 0.00	98.95 6.15 -18.17	117.34 4.47 -50.32	39.20 1.59 -13.91	362.00 21.69 -8.21	71.48 4.51 0.00	49.56 2.82 0.00	50.73 2.84 0.00	48.62 2.47 0.00	49.76 1.79 0.00	54.37 1.32 0.00
CRICKET__VALLEY_CC2 323757	54.37 0.73 0.00	56.58 0.58 0.00	51.23 0.48 0.00	43.13 0.48 0.00	37.32 0.55 0.00	36.39 0.95 0.00	41.68 1.16 0.00	45.50 1.33 0.00	41.54 1.22 0.00	51.59 1.65 0.00	62.56 2.33 0.00	76.98 3.32 0.00	74.57 4.36 0.00	76.68 5.37 0.00	98.95 6.15 -18.17	117.34 4.47 -50.32	39.20 1.59 -13.91	362.00 21.69 -8.21	71.48 4.51 0.00	49.56 2.82 0.00	50.73 2.84 0.00	48.62 2.47 0.00	49.76 1.79 0.00	54.37 1.32 0.00
CRICKET__VALLEY_CC3 323758	54.37 0.73 0.00	56.58 0.58 0.00	51.23 0.48 0.00	43.13 0.48 0.00	37.32 0.55 0.00	36.39 0.95 0.00	41.68 1.16 0.00	45.50 1.33 0.00	41.54 1.22 0.00	51.59 1.65 0.00	62.56 2.33 0.00	76.98 3.32 0.00	74.57 4.36 0.00	76.68 5.37 0.00	98.95 6.15 -18.17	117.34 4.47 -50.32	39.20 1.59 -13.91	362.00 21.69 -8.21	71.48 4.51 0.00	49.56 2.82 0.00	50.73 2.84 0.00	48.62 2.47 0.00	49.76 1.79 0.00	54.37 1.32 0.00
CRUCIBLE__METL_DRP 24180	53.95 0.30 0.00	56.44 0.18 -0.25	50.78 0.03 0.00	42.55 -0.10 0.00	36.72 -0.04 0.00	35.56 0.12 0.00	40.71 0.19 0.00	44.40 0.23 0.00	40.56 0.23 0.00	50.09 0.15 0.00	60.35 0.10 -0.01	75.61 -0.09 -2.03	71.82 0.25 -1.36	72.53 0.27 -0.94	61.61 0.22 13.24	68.04 0.23 -5.26	24.24 0.09 -0.44	334.55 2.46 0.00	67.60 0.63 0.00	47.18 0.44 0.00	48.33 0.43 0.00	46.36 0.21 0.00	47.93 -0.04 0.00	52.74 -0.31 0.00
DAHOWA__HYDRO 323763	56.27 2.63 0.00	58.60 2.59 0.00	53.01 2.26 0.00	44.57 1.92 0.00	38.50 1.73 0.00	37.46 2.02 0.00	43.15 2.63 0.00	46.84 2.67 0.00	42.68 2.35 0.00	52.85 2.91 0.00	63.77 3.53 0.00	78.00 4.33 0.00	74.92 4.71 0.00	76.25 4.93 0.00	86.29 5.57 -6.09	25.56 4.03 41.02	22.00 1.49 3.19	355.52 23.44 0.00	72.27 5.29 0.00	50.36 3.62 0.00	51.65 3.75 0.00	49.43 3.27 0.00	50.75 2.78 0.00	55.51 2.46 0.00
DANC__LFGE 323619	54.10 0.46 0.00	57.14 0.86 -0.26	51.41 0.66 0.00	43.13 0.48 0.00	37.00 0.24 0.00	35.65 0.21 0.00	41.04 0.52 0.00	45.24 1.07 0.00	41.70 1.38 0.00	51.53 1.60 0.00	62.01 1.76 -0.01	77.38 1.61 -2.10	72.90 1.28 -1.40	73.09 0.80 -0.97	-21.06 0.78 96.47	60.24 0.70 3.01	23.97 0.27 0.00	335.88 3.79 0.00	68.25 1.28 0.00	48.27 1.53 0.00	50.09 2.20 0.00	48.33 2.18 0.00	50.11 2.14 0.00	55.07 2.02 0.00
DANSKAMMER__1 23586	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.89 2.95 0.00	64.19 3.96 0.00	78.95 5.28 0.00	76.44 6.23 0.00	78.68 7.37 0.00	102.48 8.28 -19.57	140.56 6.33 -71.68	32.52 2.27 -6.55	362.89 30.74 -0.06	73.41 6.44 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.04 0.00	55.76 2.71 0.00
DANSKAMMER__2 23589	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.89 2.95 0.00	64.19 3.96 0.00	78.95 5.28 0.00	76.44 6.23 0.00	78.68 7.37 0.00	102.48 8.28 -19.57	140.56 6.33 -71.68	32.52 2.27 -6.55	362.89 30.74 -0.06	73.41 6.44 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.04 0.00	55.76 2.71 0.00
DANSKAMMER__3 23590	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.89 2.95 0.00	64.19 3.96 0.00	78.95 5.28 0.00	76.44 6.23 0.00	78.68 7.37 0.00	102.48 8.28 -19.57	140.56 6.33 -71.68	32.52 2.27 -6.55	362.89 30.74 -0.06	73.41 6.44 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.04 0.00	55.76 2.71 0.00

DANSKAMMER___4 23591	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.89 2.95 0.00	64.19 3.96 0.00	78.95 5.28 0.00	76.44 6.23 0.00	78.68 7.37 0.00	102.48 8.28 -19.57	140.56 6.33 -71.68	32.52 2.27 -6.55	362.89 30.74 -0.06	73.41 6.44 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.04 0.00	55.76 2.71 0.00
DANSKAMMER___DIESEL 23592	55.63 1.99 0.00	57.82 1.81 0.00	52.34 1.59 0.00	44.00 1.35 0.00	38.07 1.30 0.00	37.09 1.66 0.00	42.50 1.98 0.00	46.51 2.34 0.00	42.49 2.16 0.00	52.90 2.96 0.00	64.19 3.95 0.00	78.96 5.29 0.00	76.45 6.24 0.00	78.69 7.37 0.00	102.46 8.26 -19.57	140.57 6.34 -71.68	32.52 2.27 -6.55	362.86 30.71 -0.06	73.42 6.45 0.00	50.86 4.12 0.00	51.99 4.09 0.00	49.81 3.66 0.00	51.01 3.03 0.00	55.76 2.71 0.00
DARBY___SOLAR 323810	55.94 2.30 0.00	58.28 2.27 0.00	52.73 1.98 0.00	44.35 1.70 0.00	38.30 1.53 0.00	37.26 1.82 0.00	42.87 2.35 0.00	46.54 2.38 0.00	42.40 2.07 0.00	52.50 2.56 0.00	63.36 3.13 0.00	77.51 3.84 0.00	74.50 4.29 0.00	75.75 4.44 0.00	86.43 5.07 -6.73	24.82 3.67 41.40	21.83 1.35 3.22	353.38 21.28 0.00	71.75 4.79 0.00	50.02 3.28 0.00	51.30 3.40 0.00	49.11 2.96 0.00	50.46 2.49 0.00	55.21 2.16 0.00
DASHVILLE___HYD 23610	54.87 1.23 0.00	57.10 1.09 0.00	51.74 0.99 0.00	43.51 0.86 0.00	37.64 0.87 0.00	36.66 1.22 0.00	42.00 1.48 0.00	45.92 1.75 0.00	41.90 1.57 0.00	52.18 2.23 0.00	63.17 2.93 0.00	77.72 4.05 0.00	75.16 4.95 0.00	77.39 6.07 0.00	91.81 7.15 -10.02	123.73 5.48 -55.70	30.79 1.97 -5.12	358.16 26.01 -0.05	72.40 5.43 0.00	50.18 3.44 0.00	51.31 3.42 0.00	49.21 3.06 0.00	50.44 2.46 0.00	55.13 2.09 0.00
DELAWARE___LFGE 323621	54.67 1.02 0.00	57.09 1.04 -0.04	51.74 0.98 0.00	43.53 0.88 0.00	37.62 0.86 0.00	36.45 1.02 0.00	41.78 1.26 0.00	45.57 1.40 0.00	41.52 1.19 0.00	51.52 1.58 0.00	62.27 2.04 0.00	76.55 2.49 -0.40	73.29 2.82 -0.27	74.73 3.23 -0.18	81.68 3.30 -3.75	93.96 2.67 -28.74	26.95 0.97 -2.28	345.65 13.55 0.00	69.91 2.94 0.00	48.74 2.00 0.00	49.92 2.02 0.00	48.02 1.87 0.00	49.53 1.56 0.00	54.45 1.40 0.00
DERFIELD_115KV_TB7 355931	53.68 0.04 0.00	56.04 0.03 0.00	50.80 0.05 0.00	42.72 0.07 0.00	36.84 0.08 0.00	35.61 0.18 0.00	40.74 0.22 0.00	44.39 0.22 0.00	40.50 0.18 0.00	50.20 0.25 0.00	60.59 0.35 0.00	74.11 0.44 0.00	70.77 0.56 0.00	72.03 0.72 0.00	62.42 0.85 13.07	62.80 0.66 0.40	23.91 0.21 0.00	334.85 2.76 0.00	67.64 0.67 0.00	47.19 0.45 0.00	48.37 0.48 0.00	46.60 0.45 0.00	48.26 0.29 0.00	53.21 0.16 0.00
DOGLEVILLE___HYD 23807	54.27 0.63 0.00	56.45 0.44 0.00	51.25 0.50 0.00	43.18 0.53 0.00	37.35 0.59 0.00	36.40 0.96 0.00	41.80 1.28 0.00	45.43 1.26 0.00	41.09 0.76 0.00	51.03 1.09 0.00	61.37 1.13 0.00	74.79 1.12 0.00	72.19 1.98 0.00	73.49 2.18 0.00	64.10 2.53 13.07	63.78 1.64 0.40	24.08 0.39 0.00	338.92 6.83 0.00	69.74 2.77 0.00	49.11 2.37 0.00	50.42 2.52 0.00	48.63 2.48 0.00	49.64 1.67 0.00	54.03 0.98 0.00
DUNKIRK___115KV_TB_200 55889	54.88 1.24 0.00	57.12 1.11 0.00	50.85 0.10 0.00	41.92 -0.73 0.00	36.14 -0.62 0.00	35.17 -0.26 0.00	40.21 -0.31 0.00	44.03 -0.14 0.00	40.83 0.50 0.00	50.38 0.45 0.00	60.60 0.37 0.00	73.49 -0.17 0.00	70.09 -0.12 0.00	71.03 -0.29 0.00	74.71 -0.98 -1.06	71.84 -0.62 -9.91	24.58 0.12 -0.77	340.46 8.37 0.00	68.71 1.74 0.00	47.94 1.20 0.00	48.83 0.93 0.00	46.33 0.18 0.00	48.27 0.30 0.00	53.60 0.55 0.00
DUNKIRK___1 23563	54.88 1.24 0.00	57.12 1.11 0.00	50.85 0.10 0.00	41.92 -0.73 0.00	36.14 -0.62 0.00	35.17 -0.26 0.00	40.21 -0.31 0.00	44.03 -0.14 0.00	40.83 0.50 0.00	50.38 0.45 0.00	60.60 0.37 0.00	73.49 -0.17 0.00	70.09 -0.12 0.00	71.03 -0.29 0.00	74.71 -0.98 -1.06	71.84 -0.62 -9.91	24.58 0.12 -0.77	340.46 8.37 0.00	68.71 1.74 0.00	47.94 1.20 0.00	48.83 0.93 0.00	46.33 0.18 0.00	48.27 0.30 0.00	53.60 0.55 0.00
DUNKIRK___2 23564	54.88 1.24 0.00	57.12 1.11 0.00	50.85 0.10 0.00	41.92 -0.73 0.00	36.14 -0.62 0.00	35.17 -0.26 0.00	40.21 -0.31 0.00	44.03 -0.14 0.00	40.83 0.50 0.00	50.38 0.45 0.00	60.60 0.37 0.00	73.49 -0.17 0.00	70.09 -0.12 0.00	71.03 -0.29 0.00	74.71 -0.98 -1.06	71.84 -0.62 -9.91	24.58 0.12 -0.77	340.46 8.37 0.00	68.71 1.74 0.00	47.94 1.20 0.00	48.83 0.93 0.00	46.33 0.18 0.00	48.27 0.30 0.00	53.60 0.55 0.00
DUNKIRK___3 23565	54.57 0.93 0.00	56.80 0.79 0.00	50.70 -0.05 0.00	41.86 -0.79 0.00	36.13 -0.63 0.00	35.11 -0.32 0.00	40.06 -0.46 0.00	43.85 -0.32 0.00	40.65 0.32 0.00	50.11 0.17 0.00	60.21 -0.02 0.00	73.02 -0.65 0.00	69.60 -0.61 0.00	70.56 -0.75 0.00	74.37 -1.32 -1.06	71.51 -0.94 -9.90	24.45 -0.01 -0.76	338.50 6.41 0.00	68.19 1.23 0.00	47.62 0.88 0.00	48.49 0.59 0.00	46.03 -0.12 0.00	47.89 -0.08 0.00	53.24 0.19 0.00
DUNKIRK___4 23566	54.57 0.93 0.00	56.80 0.79 0.00	50.70 -0.05 0.00	41.86 -0.79 0.00	36.13 -0.63 0.00	35.11 -0.32 0.00	40.06 -0.46 0.00	43.85 -0.32 0.00	40.65 0.32 0.00	50.11 0.17 0.00	60.21 -0.02 0.00	73.02 -0.65 0.00	69.60 -0.61 0.00	70.56 -0.75 0.00	74.37 -1.32 -1.06	71.51 -0.94 -9.90	24.45 -0.01 -0.76	338.50 6.41 0.00	68.19 1.23 0.00	47.62 0.88 0.00	48.49 0.59 0.00	46.03 -0.12 0.00	47.89 -0.08 0.00	53.24 0.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.32 1.68 0.00	57.48 1.47 0.00	52.06 1.31 0.00	43.79 1.14 0.00	37.93 1.17 0.00	37.02 1.58 0.00	42.40 1.88 0.00	46.46 2.29 0.00	42.45 2.13 0.00	52.82 2.88 0.00	64.09 3.85 0.00	78.77 5.10 0.00	76.26 6.06 0.00	78.52 7.20 0.00	299.77 8.22 -216.92	2421.48 6.07 -2352.86	506.93 2.15 -481.08	620.56 28.90 -259.57	73.10 6.13 0.00	50.60 3.86 0.00	51.73 3.84 0.00	49.64 3.49 0.00	50.85 2.88 0.00	55.60 2.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.17 1.52 0.00	57.36 1.35 0.00	51.92 1.17 0.00	43.65 1.00 0.00	37.76 1.00 0.00	36.79 1.35 0.00	42.14 1.62 0.00	46.11 1.94 0.00	42.09 1.76 0.00	52.38 2.44 0.00	63.53 3.30 0.00	78.08 4.42 0.00	75.51 5.30 0.00	77.71 6.40 0.00	105.76 7.28 -23.84	175.46 5.55 -107.36	25.61 2.01 0.10	350.17 26.54 8.46	72.54 5.57 0.00	50.29 3.55 0.00	51.41 3.51 0.00	49.31 3.16 0.00	50.53 2.56 0.00	55.31 2.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	55.06 1.41 -0.01	57.20 1.19 0.00	51.86 1.11 0.00	43.74 1.09 0.00	37.88 1.12 0.00	36.97 1.54 0.00	42.32 1.80 0.00	46.42 2.25 0.00	42.46 2.13 0.00	52.84 2.89 0.00	63.94 3.70 -0.01	78.61 4.94 0.00	76.19 5.98 0.00	78.63 7.12 -0.20	301.76 8.10 -219.03	2421.16 5.86 -2352.76	506.74 2.05 -480.99	619.13 27.52 -259.52	73.18 6.21 0.00	50.51 3.77 0.00	51.64 3.74 0.00	49.82 3.67 0.00	50.94 2.97 0.00	55.66 2.61 0.00

E179THST_13_KV_LOAD 356214	55.41 1.76 -0.01	57.56 1.55 0.00	52.18 1.43 0.00	43.99 1.34 0.00	38.09 1.33 0.00	37.19 1.75 0.00	42.57 2.05 0.00	46.72 2.55 0.00	42.73 2.40 0.00	53.21 3.27 0.00	64.40 4.16 -0.01	79.18 5.50 0.00	76.75 6.53 0.00	79.24 7.73 -0.20	302.39 8.73 -219.03	2421.72 6.41 -2352.76	506.92 2.24 -480.99	621.97 30.37 -259.52	73.74 6.77 0.00	50.90 4.16 0.00	52.03 4.13 0.00	50.19 4.04 0.00	51.32 3.35 0.00	56.06 3.02 0.00
EAST HAMPTON___GT 23717	54.62 0.98 0.00	56.46 0.45 0.00	51.04 0.29 0.00	42.58 -0.07 0.00	36.95 0.18 0.00	36.24 0.80 0.00	41.61 1.09 0.00	45.99 1.82 0.00	42.00 1.67 0.00	52.45 2.51 0.00	65.17 4.65 -0.29	78.70 4.60 -0.43	79.36 5.57 -3.58	82.70 7.40 -3.98	112.00 8.92 -28.45	1659.16 3.86 -1592.74	524.21 1.78 -498.73	920.06 37.74 -550.23	86.44 8.71 -10.76	49.64 3.51 0.62	51.06 3.17 0.00	49.39 3.24 0.00	50.61 2.64 0.00	56.43 3.38 0.00
EAST RIVER___6 23660	55.30 1.66 0.00	57.39 1.38 0.00	52.04 1.29 0.00	43.80 1.15 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.46 1.95 0.00	46.62 2.45 0.00	42.60 2.27 0.00	53.02 3.08 0.00	64.26 4.02 0.00	79.02 5.35 0.00	76.61 6.40 0.00	78.88 7.57 0.00	300.14 8.59 -216.91	2421.59 6.25 -2352.79	506.95 2.19 -481.07	620.81 29.16 -259.56	73.28 6.31 0.00	50.73 3.99 0.00	51.87 3.98 0.00	49.83 3.67 0.00	51.09 3.11 0.00	55.83 2.78 0.00
EAST RIVER___7 23524	55.30 1.66 0.00	57.39 1.38 0.00	52.04 1.29 0.00	43.80 1.15 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.46 1.95 0.00	46.62 2.45 0.00	42.60 2.27 0.00	53.02 3.08 0.00	64.26 4.02 0.00	79.02 5.35 0.00	76.61 6.40 0.00	78.88 7.57 0.00	300.14 8.59 -216.91	2421.59 6.25 -2352.79	506.95 2.19 -481.07	620.81 29.16 -259.56	73.28 6.31 0.00	50.73 3.99 0.00	51.87 3.98 0.00	49.83 3.67 0.00	51.09 3.11 0.00	55.83 2.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.16 1.52 0.00	57.32 1.31 0.00	51.91 1.16 0.00	43.65 1.00 0.00	37.80 1.04 0.00	36.89 1.45 0.00	42.26 1.74 0.00	46.29 2.12 0.00	42.29 1.96 0.00	52.62 2.68 0.00	63.85 3.62 0.00	78.49 4.82 0.00	75.96 5.75 0.00	78.21 6.90 0.00	300.80 7.86 -218.31	2436.92 5.81 -2368.55	510.09 2.07 -484.33	621.26 27.76 -261.41	72.82 5.85 0.00	50.39 3.65 0.00	51.53 3.63 0.00	49.44 3.29 0.00	50.66 2.69 0.00	55.40 2.35 0.00
EAST_HAMPTON___DIESEL 23722	54.45 0.81 0.00	56.25 0.24 0.00	50.89 0.14 0.00	42.44 -0.21 0.00	36.83 0.07 0.00	36.12 0.68 0.00	41.48 0.96 0.00	45.85 1.68 0.00	41.88 1.55 0.00	52.31 2.37 0.00	65.01 4.48 -0.29	78.51 4.41 -0.43	79.17 5.38 -3.58	82.52 7.23 -3.98	111.80 8.72 -28.45	1658.99 3.70 -1592.74	524.15 1.72 -498.73	919.77 37.46 -550.22	86.43 8.70 -10.76	49.53 3.40 0.62	50.94 3.04 0.00	49.30 3.15 0.00	50.53 2.56 0.00	56.36 3.31 0.00
EAST_POINT___SOLAR 323840	57.67 4.02 0.00	60.22 4.21 0.00	54.46 3.71 0.00	45.63 2.98 0.00	39.37 2.61 0.00	38.03 2.59 0.00	43.42 2.90 0.00	47.15 2.98 0.00	42.77 2.45 0.00	53.16 3.22 0.00	64.13 3.90 0.00	77.43 3.76 0.00	73.30 3.09 0.00	72.53 1.22 0.00	78.23 2.32 -1.28	33.59 1.08 30.03	21.71 0.33 2.32	339.63 7.54 0.00	69.86 2.89 0.00	50.55 3.81 0.00	52.01 4.11 0.00	50.26 4.11 0.00	52.04 4.07 0.00	57.30 4.25 0.00
EAST_PULASKI___ESR 323781	53.50 -0.14 0.00	56.33 -0.07 -0.39	50.58 -0.17 0.00	42.42 -0.23 0.00	36.52 -0.24 0.00	35.29 -0.15 0.00	40.48 -0.04 0.00	44.36 0.19 0.00	40.72 0.39 0.00	50.34 0.40 0.00	60.62 0.38 -0.01	76.87 0.11 -3.09	72.42 0.13 -2.07	72.65 -0.10 -1.44	25.03 -0.16 49.44	60.90 -0.08 1.57	23.67 -0.03 0.00	331.94 -0.15 0.00	67.24 0.27 0.00	47.19 0.45 0.00	48.64 0.75 0.00	46.87 0.72 0.00	48.52 0.54 0.00	53.37 0.32 0.00
EAST_RIVER___1 323558	55.34 1.70 0.00	57.45 1.44 0.00	52.08 1.33 0.00	43.84 1.19 0.00	37.98 1.22 0.00	37.10 1.66 0.00	42.51 1.99 0.00	46.65 2.49 0.00	42.65 2.32 0.00	53.07 3.14 0.00	64.34 4.10 0.00	79.11 5.45 0.00	76.69 6.47 0.00	78.95 7.64 0.00	300.24 8.69 -216.92	2421.71 6.34 -2352.82	506.99 2.22 -481.07	621.35 29.69 -259.56	73.35 6.38 0.00	50.77 4.03 0.00	51.90 4.01 0.00	49.86 3.71 0.00	51.10 3.13 0.00	55.86 2.81 0.00
EAST_RIVER___2 323559	55.30 1.66 0.00	57.39 1.38 0.00	52.04 1.29 0.00	43.80 1.15 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.46 1.95 0.00	46.62 2.45 0.00	42.60 2.27 0.00	53.02 3.08 0.00	64.26 4.02 0.00	79.02 5.35 0.00	76.61 6.40 0.00	78.88 7.57 0.00	300.14 8.59 -216.91	2421.59 6.25 -2352.79	506.95 2.19 -481.07	620.81 29.16 -259.56	73.28 6.31 0.00	50.73 3.99 0.00	51.87 3.98 0.00	49.83 3.67 0.00	51.09 3.11 0.00	55.83 2.78 0.00
EAST___DELAWARE_HYD 23607	54.25 0.61 0.00	56.36 0.35 0.00	50.97 0.22 0.00	42.85 0.20 0.00	37.05 0.29 0.00	36.05 0.61 0.00	41.31 0.79 0.00	45.20 1.03 0.00	41.28 0.95 0.00	51.39 1.45 0.00	62.35 2.11 0.00	76.56 2.90 0.00	74.15 3.94 0.00	76.39 5.08 0.00	98.11 5.75 -17.73	153.39 4.54 -86.30	25.55 1.57 -0.29	346.98 21.41 6.53	71.64 4.67 0.00	49.77 3.03 0.00	50.80 2.91 0.00	48.65 2.50 0.00	49.81 1.84 0.00	54.44 1.39 0.00
EIGHT_POINT___WT_PWR 323820	52.51 -1.13 0.00	54.22 -1.85 -0.06	49.25 -1.50 0.00	41.36 -1.29 0.00	35.60 -1.16 0.00	34.90 -0.54 0.00	39.80 -0.71 0.00	43.48 -0.69 0.00	40.37 0.04 0.00	49.80 -0.14 0.00	59.82 -0.41 0.00	72.59 -1.55 -0.48	69.33 -1.20 -0.32	70.40 -1.14 -0.22	74.49 -1.61 -1.47	73.62 -1.03 -12.10	24.38 -0.25 -0.93	335.01 2.92 0.00	68.28 1.31 0.00	48.15 1.41 0.00	49.42 1.53 0.00	47.28 1.13 0.00	48.90 0.93 0.00	54.16 1.11 0.00
ELBRIDGE_115KV_TB2 80188	53.66 0.01 0.00	56.12 -0.16 -0.27	50.50 -0.26 0.00	42.29 -0.35 0.00	36.51 -0.25 0.00	35.36 -0.08 0.00	40.46 -0.06 0.00	44.14 -0.03 0.00	40.39 0.06 0.00	49.94 0.00 0.00	60.19 -0.06 -0.01	75.49 -0.32 -2.14	71.75 0.10 -1.44	72.38 0.07 -0.99	62.98 -0.03 11.62	68.26 0.02 -5.69	24.19 0.03 -0.47	333.74 1.65 0.00	67.43 0.46 0.00	47.13 0.39 0.00	48.27 0.38 0.00	46.26 0.11 0.00	47.88 -0.09 0.00	52.69 -0.36 0.00
ELEC_TRO_TEK 24086	55.30 1.66 0.00	57.32 1.31 0.00	51.90 1.15 0.00	43.49 0.84 0.00	37.72 0.96 0.00	36.88 1.44 0.00	42.23 1.72 0.00	46.36 2.19 0.00	42.36 2.03 0.00	52.88 2.94 0.00	64.84 4.32 -0.29	81.41 5.04 -2.70	85.74 6.06 -9.47	88.71 7.41 -9.98	170.15 8.65 -86.87	1940.87 5.62 -1872.71	591.74 2.28 -565.76	621.93 29.03 -260.80	73.33 6.36 0.00	50.46 3.74 0.02	51.49 3.59 0.00	49.31 3.16 0.00	50.46 2.49 0.00	55.19 2.15 0.00
ELLENBURG_WT_PWR 323604	52.99 -0.65 0.00	55.89 -0.12 0.00	50.48 -0.27 0.00	42.31 -0.34 0.00	36.45 -0.31 0.00	34.81 -0.63 0.00	39.93 -0.59 0.00	43.55 -0.62 0.00	39.92 -0.41 0.00	49.38 -0.56 0.00	59.42 -0.82 0.00	72.60 -1.06 0.00	68.63 -1.58 0.00	69.27 -2.05 0.00	71.09 -2.36 1.17	60.40 -2.15 0.00	22.96 -0.74 0.00	323.51 -8.58 0.00	65.10 -1.87 0.00	45.54 -1.20 0.00	46.68 -1.22 0.00	45.10 -1.05 0.00	47.54 -0.43 0.00	53.11 0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.24 0.60 0.00	56.47 0.46 0.00	50.66 -0.09 0.00	41.89 -0.76 0.00	36.16 -0.60 0.00	35.06 -0.37 0.00	39.77 -0.75 0.00	43.52 -0.65 0.00	40.35 0.02 0.00	49.57 -0.37 0.00	59.39 -0.85 0.00	72.03 -1.64 0.00	68.56 -1.65 0.00	69.32 -2.00 0.00	73.42 -2.22 -1.00	70.26 -1.66 -9.37	24.16 -0.26 -0.72	335.31 3.22 0.00	67.13 0.16 0.00	46.98 0.24 0.00	47.81 -0.08 0.00	45.40 -0.75 0.00	47.17 -0.80 0.00	52.67 -0.38 0.00
EMPIRE_CC_1 323656	53.80 0.16 0.00	56.17 0.16 0.00	51.09 0.33 0.00	43.06 0.41 0.00	37.11 0.35 0.00	36.14 0.71 0.00	41.33 0.81 0.00	44.88 0.72 0.00	40.80 0.48 0.00	50.48 0.54 0.00	60.97 0.74 0.00	74.93 1.27 0.00	72.22 2.01 0.00	73.81 2.50 0.00	87.74 2.92 -10.19	23.66 2.09 40.98	21.47 0.78 3.00	341.55 9.45 -0.01	68.88 1.91 0.00	47.96 1.22 0.00	49.21 1.32 0.00	47.26 1.11 0.00	48.55 0.58 0.00	53.21 0.16 0.00
EMPIRE_CC_2 323658	53.80 0.16 0.00	56.17 0.16 0.00	51.09 0.33 0.00	43.06 0.41 0.00	37.11 0.35 0.00	36.14 0.71 0.00	41.33 0.81 0.00	44.88 0.72 0.00	40.80 0.48 0.00	50.48 0.54 0.00	60.97 0.74 0.00	74.93 1.27 0.00	72.22 2.01 0.00	73.81 2.50 0.00	87.74 2.92 -10.19	23.66 2.09 40.98	21.47 0.78 3.00	341.55 9.45 -0.01	68.88 1.91 0.00	47.96 1.22 0.00	49.21 1.32 0.00	47.26 1.11 0.00	48.55 0.58 0.00	53.21 0.16 0.00
ENORWICH_115KV_TB1 80156	57.38 3.74 0.00	59.77 3.67 -0.09	53.82 3.07 0.00	45.42 2.77 0.00	39.49 2.73 0.00	38.17 2.73 0.00	44.15 3.63 0.00	48.38 4.22 0.00	44.21 3.88 0.00	54.76 4.82 0.00	65.19 4.95 0.00	79.99 5.47 -0.86	76.43 5.64 -0.58	78.15 6.44 -0.40	82.93 5.37 -2.93	87.86 4.29 -21.03	27.02 1.66 -1.67	359.44 27.34 0.00	73.19 6.22 0.00	51.63 4.89 0.00	52.84 4.94 0.00	50.58 4.43 0.00	52.05 4.08 0.00	57.12 4.07 0.00
ERIE_ST__34_KV_TB1-2 80199	54.79 1.15 0.00	56.96 0.95 0.00	51.06 0.31 0.00	42.23 -0.41 0.00	36.48 -0.29 0.00	35.36 -0.07 0.00	40.19 -0.33 0.00	44.01 -0.16 0.00	40.84 0.52 0.00	50.28 0.34 0.00	60.22 -0.01 0.00	73.04 -0.63 0.00	69.57 -0.64 0.00	70.51 -0.81 0.00	74.81 -0.86 -1.04	71.63 -0.59 -9.67	24.60 0.16 -0.75	340.78 8.69 0.00	68.35 1.38 0.00	47.80 1.06 0.00	48.61 0.71 0.00	46.05 -0.10 0.00	47.77 -0.20 0.00	53.17 0.12 0.00
ERIE_WT_PWR 323693	54.51 0.87 0.00	56.71 0.70 0.00	50.84 0.09 0.00	42.05 -0.60 0.00	36.33 -0.44 0.00	35.22 -0.22 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.54 0.21 0.00	49.86 -0.08 0.00	59.68 -0.55 0.00	72.58 -1.09 0.00	69.06 -1.15 0.00	69.87 -1.44 0.00	73.88 -1.78 -1.03	70.96 -1.17 -9.58	24.35 -0.09 -0.74	337.56 5.47 0.00	67.72 0.75 0.00	47.36 0.62 0.00	48.17 0.27 0.00	45.75 -0.40 0.00	47.50 -0.48 0.00	52.99 -0.06 0.00
ESPRGFLD_115KV_TB1 80157	56.48 2.83 0.00	59.00 2.99 0.00	53.38 2.63 0.00	44.75 2.10 0.00	38.66 1.90 0.00	37.25 1.81 0.00	42.61 2.09 0.00	46.65 2.48 0.00	42.63 2.30 0.00	53.00 3.06 0.00	63.78 3.55 0.00	77.46 3.80 0.00	73.52 3.31 0.00	74.34 3.02 0.00	79.61 3.01 -1.97	53.15 2.40 11.80	23.71 0.92 0.91	346.68 14.59 0.00	70.34 3.37 0.00	49.52 2.78 0.00	50.77 2.87 0.00	48.94 2.79 0.00	50.84 2.87 0.00	56.16 3.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.93 1.28 0.00	57.30 1.15 -0.14	51.58 0.84 0.00	43.24 0.59 0.00	37.39 0.62 0.00	36.25 0.81 0.00	41.57 1.05 0.00	45.33 1.16 0.00	41.51 1.18 0.00	51.43 1.49 0.00	61.93 1.69 -0.01	76.50 1.65 -1.18	72.99 1.99 -0.79	74.23 2.36 -0.55	78.20 1.70 -1.87	77.34 1.35 -13.44	25.33 0.59 -1.04	342.54 10.45 0.00	69.51 2.54 0.00	48.72 1.98 0.00	49.91 2.01 0.00	47.85 1.70 0.00	49.42 1.45 0.00	54.30 1.25 0.00
ETNA____115KV_TB2 80207	54.93 1.28 0.00	57.30 1.15 -0.14	51.58 0.84 0.00	43.24 0.59 0.00	37.39 0.62 0.00	36.25 0.81 0.00	41.57 1.05 0.00	45.33 1.16 0.00	41.51 1.18 0.00	51.43 1.49 0.00	61.93 1.69 -0.01	76.50 1.65 -1.18	72.99 1.99 -0.79	74.23 2.36 -0.55	78.20 1.70 -1.87	77.34 1.35 -13.44	25.33 0.59 -1.04	342.54 10.45 0.00	69.51 2.54 0.00	48.72 1.98 0.00	49.91 2.01 0.00	47.85 1.70 0.00	49.42 1.45 0.00	54.30 1.25 0.00
EUCLID____115KV_TB2 356179	53.32 -0.32 0.00	55.68 -0.45 -0.12	50.21 -0.54 0.00	42.11 -0.54 0.00	36.34 -0.43 0.00	35.17 -0.26 0.00	40.25 -0.27 0.00	43.93 -0.24 0.00	40.20 -0.13 0.00	49.74 -0.20 0.00	59.99 -0.25 0.00	74.13 -0.48 -0.95	70.59 -0.25 -0.63	71.56 -0.19 -0.44	57.22 -0.19 17.22	61.88 -0.13 0.54	23.64 -0.06 0.00	332.31 0.22 0.00	67.04 0.07 0.00	46.80 0.06 0.00	47.95 0.05 0.00	46.02 -0.13 0.00	47.59 -0.38 0.00	52.43 -0.62 0.00
E_CANADA_CAP_HY 24051	57.03 3.39 0.00	59.64 3.63 0.00	53.96 3.21 0.00	45.19 2.54 0.00	38.98 2.21 0.00	37.50 2.06 0.00	42.81 2.29 0.00	46.78 2.61 0.00	42.66 2.33 0.00	53.02 3.09 0.00	63.83 3.60 0.00	77.28 3.62 0.00	73.06 2.85 0.00	73.22 1.91 0.00	78.39 2.30 -1.46	38.67 1.62 25.50	22.27 0.53 1.97	342.24 10.15 0.00	69.66 2.69 0.00	49.46 2.72 0.00	50.83 2.94 0.00	49.22 3.07 0.00	51.22 3.24 0.00	56.67 3.62 0.00
E_CANADA_MHWK_HY 24050	54.27 0.63 0.00	56.45 0.44 0.00	51.25 0.50 0.00	43.18 0.53 0.00	37.35 0.59 0.00	36.40 0.96 0.00	41.80 1.28 0.00	45.43 1.26 0.00	41.09 0.76 0.00	51.03 1.09 0.00	61.37 1.13 0.00	74.79 1.13 0.00	72.19 1.98 0.00	73.49 2.18 0.00	64.09 2.53 13.07	63.78 1.63 0.40	24.09 0.39 0.00	338.92 6.83 0.00	69.74 2.77 0.00	49.11 2.37 0.00	50.41 2.52 0.00	48.63 2.48 0.00	49.64 1.67 0.00	54.03 0.98 0.00
E_FISHKILL__LBMP 23776	54.69 1.05 0.00	56.90 0.89 0.00	51.54 0.79 0.00	43.36 0.72 0.00	37.53 0.77 0.00	36.58 1.15 0.00	41.90 1.38 0.00	45.80 1.64 0.00	41.81 1.48 0.00	51.97 2.03 0.00	62.99 2.76 0.00	77.43 3.76 0.00	74.87 4.66 0.00	76.97 5.65 0.00	94.53 6.46 -13.43	76.77 4.80 -9.43	34.16 1.70 -8.77	361.02 22.55 -6.38	71.74 4.78 0.00	49.72 2.98 0.00	50.87 2.98 0.00	48.83 2.68 0.00	50.06 2.09 0.00	54.78 1.73 0.00
FALCON__SEABRD_CC1 323796	53.17 -0.48 0.00	56.13 0.12 0.00	50.73 -0.03 0.00	42.52 -0.12 0.00	36.67 -0.10 0.00	35.05 -0.39 0.00	40.17 -0.35 0.00	43.79 -0.38 0.00	40.15 -0.17 0.00	49.67 -0.27 0.00	59.65 -0.59 0.00	72.68 -0.99 0.00	68.85 -1.36 0.00	69.53 -1.78 0.00	71.19 -2.17 1.27	60.35 -2.20 0.00	22.95 -0.75 0.00	324.25 -7.84 0.00	65.41 -1.56 0.00	45.69 -1.05 0.00	46.83 -1.07 0.00	45.15 -1.00 0.00	47.54 -0.43 0.00	53.14 0.09 0.00
FALCON__SEABRD_CC2 323797	53.17 -0.48 0.00	56.13 0.12 0.00	50.73 -0.03 0.00	42.52 -0.12 0.00	36.67 -0.10 0.00	35.05 -0.39 0.00	40.17 -0.35 0.00	43.79 -0.38 0.00	40.15 -0.17 0.00	49.67 -0.27 0.00	59.65 -0.59 0.00	72.68 -0.99 0.00	68.85 -1.36 0.00	69.53 -1.78 0.00	71.19 -2.17 1.27	60.35 -2.20 0.00	22.95 -0.75 0.00	324.25 -7.84 0.00	65.41 -1.56 0.00	45.69 -1.05 0.00	46.83 -1.07 0.00	45.15 -1.00 0.00	47.54 -0.43 0.00	53.14 0.09 0.00

FAR ROCKAWAY___4 23548	56.38 2.74 0.00	58.34 2.34 0.00	52.78 2.03 0.00	44.20 1.55 0.00	38.32 1.56 0.00	37.47 2.03 0.00	42.94 2.43 0.00	47.16 2.99 0.00	43.13 2.81 0.00	53.91 3.97 0.00	66.06 5.54 -0.29	87.67 6.27 -7.73	104.69 7.32 -27.16	107.01 8.67 -27.02	192.87 9.86 -108.38	2009.54 6.66 -1940.33	657.77 2.71 -631.36	659.87 33.97 -293.81	75.60 7.41 -1.22	52.00 4.45 -0.80	52.21 4.32 0.00	49.94 3.79 0.00	51.02 3.05 0.00	55.72 2.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	55.39 1.75 0.00	57.48 1.47 0.00	52.11 1.36 0.00	43.85 1.20 0.00	38.01 1.25 0.00	37.11 1.68 0.00	42.53 2.01 0.00	46.68 2.51 0.00	42.68 2.35 0.00	53.11 3.17 0.00	64.35 4.12 0.00	79.16 5.49 0.00	76.73 6.52 0.00	79.02 7.70 0.00	300.26 8.72 -216.91	2421.70 6.41 -2352.75	506.99 2.23 -481.05	621.63 29.99 -259.56	73.43 6.46 0.00	50.80 4.05 0.00	51.94 4.04 0.00	49.88 3.73 0.00	51.13 3.16 0.00	55.89 2.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	55.43 1.79 0.00	57.53 1.52 0.00	52.14 1.39 0.00	43.88 1.23 0.00	38.04 1.27 0.00	37.13 1.70 0.00	42.55 2.03 0.00	46.71 2.54 0.00	42.70 2.38 0.00	53.13 3.19 0.00	64.39 4.16 0.00	79.20 5.53 0.00	76.77 6.56 0.00	79.05 7.74 0.00	300.30 8.76 -216.91	2421.71 6.42 -2352.75	507.01 2.25 -481.05	621.96 30.32 -259.56	73.48 6.51 0.00	50.84 4.10 0.00	51.98 4.09 0.00	49.93 3.77 0.00	51.18 3.21 0.00	55.93 2.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	55.35 1.70 0.00	57.45 1.44 0.00	52.07 1.32 0.00	43.83 1.18 0.00	37.98 1.22 0.00	37.09 1.66 0.00	42.51 1.99 0.00	46.66 2.49 0.00	42.66 2.34 0.00	53.08 3.14 0.00	64.31 4.08 0.00	79.10 5.43 0.00	76.68 6.46 0.00	78.95 7.63 0.00	300.19 8.65 -216.91	2421.64 6.35 -2352.75	506.97 2.21 -481.05	621.30 29.65 -259.56	73.36 6.39 0.00	50.75 4.01 0.00	51.89 3.99 0.00	49.83 3.68 0.00	51.09 3.11 0.00	55.83 2.78 0.00
FARRAGUT___LBMP 323566	55.28 1.64 0.00	57.39 1.38 0.00	52.02 1.27 0.00	43.79 1.14 0.00	37.94 1.18 0.00	37.06 1.62 0.00	42.46 1.94 0.00	46.59 2.42 0.00	42.60 2.27 0.00	53.00 3.06 0.00	64.22 3.98 0.00	78.97 5.30 0.00	76.55 6.33 0.00	78.81 7.50 0.00	300.06 8.51 -216.91	2421.51 6.22 -2352.75	506.93 2.18 -481.05	620.77 29.13 -259.56	73.27 6.30 0.00	50.69 3.95 0.00	51.82 3.93 0.00	49.78 3.63 0.00	51.03 3.06 0.00	55.78 2.73 0.00
FENNER___WINDPWR 24204	55.71 2.07 0.00	58.14 2.06 -0.07	52.54 1.79 0.00	44.12 1.47 0.00	38.04 1.28 0.00	36.86 1.42 0.00	42.30 1.78 0.00	46.21 2.04 0.00	42.38 2.06 0.00	52.33 2.39 0.00	63.07 2.83 0.00	77.02 2.80 -0.55	72.74 2.16 -0.37	73.87 2.30 -0.25	40.56 2.51 36.58	63.52 2.11 1.14	24.30 0.59 -0.01	340.90 8.81 0.00	69.19 2.22 0.00	48.38 1.64 0.00	49.63 1.73 0.00	47.74 1.58 0.00	49.60 1.63 0.00	54.54 1.49 0.00
FIBERTEK___ENERGY 23856	53.95 0.30 0.00	56.44 0.18 -0.25	50.78 0.03 0.00	42.55 -0.10 0.00	36.72 -0.04 0.00	35.56 0.12 0.00	40.71 0.19 0.00	44.40 0.23 0.00	40.56 0.23 0.00	50.09 0.15 0.00	60.35 0.10 -0.01	75.61 -0.09 -2.03	71.82 0.25 -1.36	72.53 0.27 -0.94	61.61 0.22 13.24	68.04 0.23 -5.26	24.24 0.09 -0.44	334.55 2.46 0.00	67.60 0.63 0.00	47.18 0.44 0.00	48.33 0.43 0.00	46.36 0.21 0.00	47.93 -0.04 0.00	52.74 -0.31 0.00
FITZPATRICK___ 23598	52.33 -1.31 0.00	53.12 -1.46 1.43	49.35 -1.40 0.00	41.41 -1.24 0.00	35.73 -1.04 0.00	34.54 -0.89 0.00	39.51 -1.01 0.00	43.11 -1.06 0.00	39.43 -0.90 0.00	48.77 -1.17 0.00	58.74 -1.44 0.05	60.37 -1.94 11.36	60.91 -1.69 7.61	64.36 -1.68 5.27	68.74 -1.78 4.11	61.13 -1.42 0.00	23.17 -0.53 0.00	325.56 -6.53 0.00	65.67 -1.30 0.00	45.86 -0.88 0.00	46.98 -0.91 0.00	45.15 -1.00 0.00	46.77 -1.21 0.00	51.59 -1.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	55.76 2.12 0.00	57.96 1.94 0.00	52.45 1.69 0.00	44.09 1.44 0.00	38.15 1.39 0.00	37.17 1.74 0.00	42.59 2.07 0.00	46.62 2.45 0.00	42.59 2.26 0.00	53.03 3.09 0.00	64.37 4.13 0.00	79.21 5.54 0.00	76.68 6.47 0.00	78.95 7.63 0.00	101.29 8.53 -18.13	125.16 6.54 -56.07	31.40 2.35 -5.36	364.10 31.95 -0.06	73.65 6.68 0.00	51.02 4.28 0.00	52.13 4.23 0.00	49.95 3.80 0.00	51.14 3.17 0.00	55.89 2.84 0.00
FORT ORANGE___ 23900	53.80 0.15 0.00	56.15 0.14 0.00	51.03 0.28 0.00	42.98 0.33 0.00	37.08 0.32 0.00	36.10 0.66 0.00	41.28 0.77 0.00	44.74 0.57 0.00	40.52 0.19 0.00	50.09 0.15 0.00	60.37 0.14 0.00	74.33 0.67 0.00	71.45 1.24 0.00	73.10 1.78 0.00	36.37 2.05 40.31	24.22 1.65 39.97	21.16 0.53 3.07	339.12 7.03 0.00	68.36 1.39 0.00	47.78 1.04 0.00	49.04 1.14 0.00	47.12 0.97 0.00	48.38 0.41 0.00	53.07 0.02 0.00
FORT_DRUM_COGEN 23780	55.53 1.89 0.00	58.69 2.49 -0.19	52.91 2.16 0.00	44.38 1.73 0.00	37.99 1.23 0.00	36.53 1.09 0.00	42.13 1.62 0.00	46.68 2.51 0.00	43.17 2.85 0.00	53.32 3.38 0.00	63.98 3.74 -0.01	78.86 3.69 -1.50	74.18 2.97 -1.01	74.21 2.20 -0.70	-86.27 2.11 163.01	59.28 1.80 5.07	24.43 0.73 0.00	342.46 10.37 0.00	69.78 2.81 0.00	49.71 2.97 0.00	51.97 4.07 0.00	50.12 3.96 0.00	52.06 4.09 0.00	57.16 4.11 0.00
FOX_HILLS___ESR 323835	55.02 1.38 0.00	57.06 1.05 0.00	51.80 1.05 0.00	43.74 1.09 0.00	37.85 1.08 0.00	36.95 1.51 0.00	42.28 1.76 0.00	46.38 2.21 0.00	42.43 2.11 0.00	52.72 2.78 0.00	63.72 3.49 0.00	78.34 4.68 0.00	75.96 5.75 0.00	78.40 6.95 -0.14	84.80 8.01 -2.16	714.26 5.81 -645.90	257.76 2.13 -231.93	357.76 27.32 1.66	73.25 6.28 0.00	50.55 3.81 0.00	51.66 3.77 0.00	49.83 3.67 -0.01	50.94 2.97 0.00	55.60 2.55 0.00
FPL_FAR_ROCK_GT1 24212	56.38 2.74 0.00	58.34 2.33 0.00	52.78 2.03 0.00	44.20 1.55 0.00	38.32 1.56 0.00	37.47 2.04 0.00	42.94 2.42 0.00	47.16 2.99 0.00	43.13 2.81 0.00	53.91 3.97 0.00	66.11 5.59 -0.29	87.66 6.27 -7.73	104.71 7.34 -27.16	107.01 8.67 -27.02	192.86 9.85 -108.38	2009.49 6.61 -1940.33	657.74 2.69 -631.36	659.72 33.83 -293.81	75.50 7.32 -1.22	51.95 4.41 -0.80	52.21 4.32 0.00	49.94 3.79 0.00	51.02 3.05 0.00	55.72 2.67 0.00
FPL_FAR_ROCK_GT2 23815	56.38 2.74 0.00	58.34 2.33 0.00	52.78 2.03 0.00	44.20 1.55 0.00	38.32 1.56 0.00	37.47 2.04 0.00	42.94 2.42 0.00	47.16 2.99 0.00	43.13 2.81 0.00	53.91 3.97 0.00	66.11 5.59 -0.29	87.66 6.27 -7.73	104.71 7.34 -27.16	107.01 8.67 -27.02	192.86 9.85 -108.38	2009.49 6.61 -1940.33	657.74 2.69 -631.36	659.72 33.83 -293.81	75.50 7.32 -1.22	51.95 4.41 -0.80	52.21 4.32 0.00	49.94 3.79 0.00	51.02 3.05 0.00	55.72 2.67 0.00
FRANKLIN_FALL_HYD 24054	54.07 0.43 0.00	56.90 0.89 0.00	51.35 0.61 0.00	43.08 0.43 0.00	37.08 0.31 0.00	35.38 -0.05 0.00	40.62 0.10 0.00	44.40 0.23 0.00	40.78 0.45 0.00	50.39 0.46 0.00	60.40 0.17 0.00	73.57 -0.09 0.00	69.23 -0.98 0.00	69.77 -1.55 0.00	-129.85 -2.07 202.41	54.61 -1.86 6.08	23.07 -0.63 0.00	325.18 -6.91 0.00	65.57 -1.40 0.00	45.95 -0.79 0.00	47.16 -0.73 0.00	45.63 -0.52 0.00	48.24 0.27 0.00	53.89 0.84 0.00

FREEPORT_EQUS_GT1 23764	55.68 2.04 0.00	57.68 1.67 0.00	52.21 1.46 0.00	43.69 1.04 0.00	37.89 1.13 0.00	37.07 1.64 0.00	42.44 1.92 0.00	46.63 2.46 0.00	42.63 2.30 0.00	53.23 3.29 0.00	65.25 4.72 -0.29	81.21 5.45 -2.09	83.84 6.28 -7.35	86.93 7.68 -7.93	159.12 9.02 -75.47	1882.76 5.72 -1814.49	580.00 2.39 -553.92	623.08 30.50 -260.49	73.64 6.67 0.00	50.59 4.01 0.16	51.76 3.87 0.00	49.52 3.36 0.00	50.64 2.67 0.00	55.40 2.35 0.00
FREEPORT___CT2 23818	55.68 2.04 0.00	57.68 1.67 0.00	52.21 1.46 0.00	43.69 1.04 0.00	37.89 1.13 0.00	37.07 1.64 0.00	42.44 1.92 0.00	46.63 2.46 0.00	42.63 2.30 0.00	53.23 3.29 0.00	65.25 4.72 -0.29	81.21 5.45 -2.09	83.84 6.28 -7.35	86.93 7.68 -7.93	159.12 9.02 -75.47	1882.76 5.72 -1814.49	580.00 2.39 -553.92	623.08 30.50 -260.49	73.64 6.67 0.00	50.59 4.01 0.16	51.76 3.87 0.00	49.52 3.36 0.00	50.64 2.67 0.00	55.40 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	55.04 1.40 0.00	57.02 1.01 0.00	51.80 1.05 0.00	43.79 1.14 0.00	37.88 1.12 0.00	36.97 1.53 0.00	42.31 1.79 0.00	46.39 2.22 0.00	42.46 2.13 0.00	52.70 2.76 0.00	63.67 3.44 0.00	78.35 4.69 0.00	76.01 5.80 0.00	78.34 7.01 -0.01	83.43 8.06 -0.74	714.16 5.94 -645.67	257.83 2.21 -231.93	358.32 27.88 1.66	73.35 6.38 0.00	50.62 3.88 0.00	51.71 3.81 0.00	49.88 3.72 -0.01	50.99 3.02 0.00	55.58 2.53 0.00
FULTON COGEN____ 23766	53.14 -0.50 0.00	55.87 -0.61 -0.46	50.07 -0.68 0.00	42.01 -0.64 0.00	36.24 -0.53 0.00	35.07 -0.36 0.00	40.14 -0.38 0.00	43.82 -0.34 0.00	40.10 -0.23 0.00	49.60 -0.34 0.00	59.84 -0.41 -0.02	76.62 -0.73 -3.68	72.25 -0.43 -2.47	72.55 -0.47 -1.71	55.28 -0.50 18.85	61.60 -0.33 0.62	23.58 -0.12 0.00	331.65 -0.44 0.00	66.97 0.00 0.00	46.72 -0.02 0.00	47.89 0.00 0.00	46.00 -0.15 0.00	47.54 -0.43 0.00	52.37 -0.68 0.00
FULTON___LFGE 323630	57.22 3.58 0.00	59.72 3.71 0.00	54.01 3.26 0.00	45.29 2.64 0.00	39.08 2.32 0.00	37.76 2.33 0.00	43.19 2.67 0.00	47.08 2.91 0.00	42.68 2.36 0.00	53.13 3.19 0.00	63.85 3.62 0.00	76.98 3.31 0.00	73.05 2.84 0.00	73.16 1.84 0.00	78.46 2.58 -1.24	33.00 1.63 31.18	21.85 0.56 2.41	343.54 11.45 0.00	70.56 3.59 0.00	50.23 3.49 0.00	51.59 3.70 0.00	49.78 3.63 0.00	51.51 3.53 0.00	56.71 3.66 0.00
G.F.CEMENT___DRP 24184	56.50 2.86 0.00	58.82 2.82 0.00	53.16 2.41 0.00	44.68 2.03 0.00	38.60 1.84 0.00	37.55 2.12 0.00	43.47 2.95 0.00	47.12 2.95 0.00	42.98 2.65 0.00	53.20 3.26 0.00	64.13 3.89 0.00	78.46 4.80 0.00	75.44 5.22 0.00	76.59 5.28 0.00	85.65 6.04 -4.98	26.53 4.35 40.37	22.15 1.59 3.14	356.68 24.59 0.00	72.75 5.78 0.00	50.65 3.91 0.00	51.98 4.09 0.00	49.67 3.52 0.00	50.99 3.02 0.00	55.74 2.69 0.00
GARDENVILLE___LBMP 24039	54.34 0.70 0.00	56.55 0.55 0.00	50.70 -0.05 0.00	41.92 -0.73 0.00	36.19 -0.57 0.00	35.10 -0.34 0.00	39.84 -0.68 0.00	43.60 -0.57 0.00	40.42 0.09 0.00	49.69 -0.24 0.00	59.56 -0.68 0.00	72.24 -1.42 0.00	68.77 -1.44 0.00	69.56 -1.76 0.00	73.66 -2.00 -1.02	70.63 -1.49 -9.56	24.24 -0.19 -0.74	336.22 4.13 0.00	67.37 0.40 0.00	47.16 0.42 0.00	48.00 0.10 0.00	45.58 -0.56 0.00	47.36 -0.62 0.00	52.82 -0.23 0.00
GARDNVLA_35_KV_LD 355827	54.59 0.95 0.00	56.80 0.79 0.00	50.92 0.17 0.00	42.10 -0.54 0.00	36.36 -0.40 0.00	35.26 -0.18 0.00	40.00 -0.51 0.00	43.79 -0.38 0.00	40.62 0.30 0.00	49.94 0.00 0.00	59.86 -0.38 0.00	72.66 -1.00 0.00	69.21 -1.00 0.00	70.04 -1.27 0.00	74.19 -1.47 -1.03	71.11 -1.02 -9.58	24.42 -0.02 -0.74	338.69 6.60 0.00	67.88 0.91 0.00	47.49 0.75 0.00	48.31 0.42 0.00	45.86 -0.30 0.00	47.59 -0.38 0.00	53.07 0.02 0.00
GELCKHM___115KV_LOAD 80723	53.54 -0.10 0.00	55.96 -0.22 -0.17	50.42 -0.33 0.00	42.27 -0.37 0.00	36.48 -0.28 0.00	35.32 -0.12 0.00	40.41 -0.11 0.00	44.10 -0.07 0.00	40.33 0.00 0.00	49.84 -0.10 0.00	60.09 -0.15 -0.01	74.62 -0.38 -1.33	71.00 -0.10 -0.89	71.89 -0.04 -0.62	58.74 -0.09 15.80	62.03 -0.02 0.50	23.69 -0.01 0.00	333.03 0.94 0.00	67.24 0.27 0.00	46.94 0.20 0.00	48.08 0.19 0.00	46.14 -0.01 0.00	47.70 -0.27 0.00	52.53 -0.52 0.00
GENERAL___MILLS 23808	54.45 0.81 0.00	56.68 0.67 0.00	50.82 0.07 0.00	42.02 -0.63 0.00	36.29 -0.47 0.00	35.20 -0.24 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.53 0.20 0.00	49.82 -0.12 0.00	59.71 -0.52 0.00	72.46 -1.21 0.00	68.99 -1.22 0.00	69.80 -1.51 0.00	73.92 -1.74 -1.03	70.88 -1.25 -9.58	24.33 -0.11 -0.74	337.41 5.32 0.00	67.63 0.66 0.00	47.32 0.58 0.00	48.16 0.26 0.00	45.72 -0.43 0.00	47.47 -0.50 0.00	52.94 -0.11 0.00
GE_PLASTICS___DRP 24183	53.26 -0.39 0.00	55.58 -0.43 0.00	50.51 -0.24 0.00	42.56 -0.09 0.00	36.73 -0.03 0.00	35.71 0.28 0.00	40.87 0.35 0.00	44.43 0.26 0.00	40.38 0.05 0.00	49.93 -0.01 0.00	60.25 0.02 0.00	74.06 0.39 0.00	71.19 0.98 0.00	72.75 1.43 0.00	49.52 1.73 26.84	21.20 1.31 42.65	20.78 0.40 3.32	336.94 4.85 0.00	67.92 0.94 0.00	47.38 0.64 0.00	48.60 0.70 0.00	46.73 0.58 0.00	48.07 0.10 0.00	52.86 -0.19 0.00
GILBOA___1 23756	54.08 0.43 0.00	56.59 0.58 0.00	51.64 0.89 0.00	43.57 0.92 0.00	37.64 0.88 0.00	36.56 1.12 0.00	41.84 1.33 0.00	45.42 1.25 0.00	41.03 0.70 0.00	50.87 0.93 0.00	61.50 1.27 0.00	75.43 1.76 0.00	72.44 2.23 0.00	73.97 2.66 0.00	71.49 2.80 5.94	26.99 2.29 37.85	21.33 0.77 3.14	341.21 9.13 0.01	68.94 1.97 0.00	47.97 1.23 0.00	49.25 1.36 0.00	47.55 1.40 0.00	48.96 0.99 0.00	53.75 0.70 0.00
GILBOA___2 23757	54.08 0.43 0.00	56.59 0.58 0.00	51.64 0.89 0.00	43.57 0.92 0.00	37.64 0.88 0.00	36.56 1.12 0.00	41.84 1.33 0.00	45.42 1.25 0.00	41.03 0.70 0.00	50.87 0.93 0.00	61.50 1.27 0.00	75.43 1.76 0.00	72.44 2.23 0.00	73.97 2.66 0.00	71.49 2.80 5.94	26.99 2.29 37.85	21.33 0.77 3.14	341.21 9.13 0.01	68.94 1.97 0.00	47.97 1.23 0.00	49.25 1.36 0.00	47.55 1.40 0.00	48.96 0.99 0.00	53.75 0.70 0.00
GILBOA___3 23758	54.08 0.43 0.00	56.59 0.58 0.00	51.64 0.89 0.00	43.57 0.92 0.00	37.64 0.88 0.00	36.56 1.12 0.00	41.84 1.33 0.00	45.42 1.25 0.00	41.03 0.70 0.00	50.87 0.93 0.00	61.50 1.27 0.00	75.43 1.76 0.00	72.44 2.23 0.00	73.97 2.66 0.00	71.49 2.80 5.94	26.99 2.29 37.85	21.33 0.77 3.14	341.21 9.13 0.01	68.94 1.97 0.00	47.97 1.23 0.00	49.25 1.36 0.00	47.55 1.40 0.00	48.96 0.99 0.00	53.75 0.70 0.00
GILBOA___4 23759	54.08 0.43 0.00	56.59 0.58 0.00	51.64 0.89 0.00	43.57 0.92 0.00	37.64 0.88 0.00	36.56 1.12 0.00	41.84 1.33 0.00	45.42 1.25 0.00	41.03 0.70 0.00	50.87 0.93 0.00	61.50 1.27 0.00	75.43 1.76 0.00	72.44 2.23 0.00	73.97 2.66 0.00	71.49 2.80 5.94	26.99 2.29 37.85	21.33 0.77 3.14	341.21 9.13 0.01	68.94 1.97 0.00	47.97 1.23 0.00	49.25 1.36 0.00	47.55 1.40 0.00	48.96 0.99 0.00	53.75 0.70 0.00

GILBOA____ 23599	54.08 0.44 0.00	56.59 0.58 0.00	51.64 0.89 0.00	43.57 0.92 0.00	37.64 0.88 0.00	36.56 1.12 0.00	41.85 1.33 0.00	45.42 1.25 0.00	41.03 0.70 0.00	50.87 0.93 0.00	61.50 1.27 0.00	75.43 1.76 0.00	72.44 2.23 0.00	73.97 2.66 0.00	71.48 2.79 5.94	26.99 2.29 37.85	21.33 0.77 3.14	341.26 9.18 0.01	68.94 1.97 0.00	47.98 1.24 0.00	49.25 1.36 0.00	47.55 1.40 0.00	48.96 0.99 0.00	53.75 0.70 0.00
GINNA____ 23603	52.68 -0.96 0.00	54.76 -1.25 0.00	49.28 -1.47 0.00	41.01 -1.63 0.00	35.37 -1.40 0.00	34.27 -1.17 0.00	39.09 -1.43 0.00	42.79 -1.38 0.00	39.45 -0.88 0.00	48.61 -1.34 0.00	58.37 -1.87 0.00	71.04 -2.63 0.00	67.73 -2.49 0.00	68.70 -2.62 0.00	72.66 -2.68 -0.71	67.17 -2.03 -6.66	23.56 -0.66 -0.51	326.84 -5.25 0.00	65.52 -1.45 0.00	45.85 -0.89 0.00	46.82 -1.07 0.00	44.70 -1.45 0.00	46.23 -1.74 0.00	51.12 -1.93 0.00
GLEN PARK____ 23778	56.04 2.40 0.00	59.19 2.98 -0.20	53.32 2.57 0.00	44.73 2.08 0.00	38.28 1.52 0.00	36.83 1.39 0.00	42.49 1.97 0.00	47.09 2.93 0.00	43.56 3.23 0.00	53.78 3.84 0.00	64.56 4.31 -0.01	79.54 4.29 -1.58	74.84 3.57 -1.06	74.76 2.71 -0.73	-77.11 -2.46 154.20	59.80 2.05 4.80	24.56 0.86 0.00	344.07 11.98 0.00	70.17 3.20 0.00	50.09 3.35 0.00	52.49 4.60 0.00	50.61 4.46 0.00	52.52 4.55 0.00	57.60 4.55 0.00
GLENDALE_27_KV_LOAD 356172	48.28 1.58 6.95	55.99 1.33 1.35	52.00 1.25 0.00	43.87 1.22 0.00	38.01 1.25 0.00	37.14 1.70 0.00	42.52 2.00 0.00	46.66 2.49 0.00	42.66 2.34 0.00	53.06 3.12 0.00	64.21 3.97 0.00	78.98 5.31 0.00	76.57 6.36 0.00	79.79 7.54 -0.93	93.99 8.55 -10.81	716.10 6.27 -647.29	239.19 2.19 -213.29	359.81 29.37 1.66	73.56 6.59 0.00	50.84 4.09 0.00	51.93 4.04 0.00	50.07 3.92 0.00	51.21 3.23 0.00	55.88 2.83 0.00
GLENWOOD_IC_1_G5 23712	55.60 1.96 0.00	57.67 1.66 0.00	52.21 1.46 0.00	43.80 1.15 0.00	37.97 1.20 0.00	37.09 1.65 0.00	42.49 1.98 0.00	46.64 2.47 0.00	42.66 2.33 0.00	53.18 3.24 0.00	64.83 4.30 -0.29	80.09 5.36 -1.06	80.32 6.37 -3.74	83.46 7.69 -4.46	207.35 8.91 -123.80	2085.98 6.18 -2017.25	578.63 2.34 -552.59	622.39 30.35 -259.95	73.49 6.52 0.00	50.66 3.95 0.04	51.72 3.83 0.00	49.55 3.40 0.00	50.65 2.68 0.00	55.40 2.35 0.00
GLENWOOD_IC_2_G1 23688	55.35 1.71 0.00	57.45 1.44 0.00	52.02 1.27 0.00	43.69 1.04 0.00	37.87 1.10 0.00	36.98 1.54 0.00	42.36 1.84 0.00	46.44 2.27 0.00	42.45 2.12 0.00	52.89 2.96 0.00	64.68 4.15 -0.29	78.85 5.19 0.00	76.39 6.18 0.00	79.59 7.42 -0.86	155.79 8.52 -72.64	2257.10 5.92 -2188.63	577.50 2.21 -551.59	620.78 29.29 -259.40	73.22 6.25 0.00	50.59 3.85 0.00	51.69 3.80 0.00	49.56 3.41 0.00	50.71 2.74 0.00	55.45 2.40 0.00
GLENWOOD_IC_3_G1 23689	55.35 1.71 0.00	57.45 1.44 0.00	52.02 1.27 0.00	43.69 1.04 0.00	37.87 1.10 0.00	36.98 1.54 0.00	42.36 1.84 0.00	46.44 2.27 0.00	42.45 2.12 0.00	52.89 2.96 0.00	64.68 4.15 -0.29	78.85 5.19 0.00	76.39 6.18 0.00	79.59 7.42 -0.86	155.79 8.52 -72.64	2257.10 5.92 -2188.63	577.50 2.21 -551.59	620.78 29.29 -259.40	73.22 6.25 0.00	50.59 3.85 0.00	51.69 3.80 0.00	49.56 3.41 0.00	50.71 2.74 0.00	55.45 2.40 0.00
GLENWOOD____4 23550	55.60 1.96 0.00	57.67 1.66 0.00	52.21 1.46 0.00	43.80 1.15 0.00	37.97 1.20 0.00	37.09 1.65 0.00	42.49 1.98 0.00	46.64 2.47 0.00	42.66 2.33 0.00	53.19 3.25 0.00	64.97 4.45 -0.29	80.25 5.52 -1.06	80.50 6.55 -3.74	83.65 7.88 -4.46	207.53 9.10 -123.80	2086.12 6.31 -2017.25	578.69 2.40 -552.59	623.24 31.20 -259.95	73.66 6.69 0.00	50.77 4.07 0.04	51.84 3.95 0.00	49.66 3.51 0.00	50.76 2.79 0.00	55.51 2.46 0.00
GLENWOOD____5 23614	55.60 1.96 0.00	57.67 1.66 0.00	52.21 1.46 0.00	43.80 1.15 0.00	37.97 1.20 0.00	37.09 1.65 0.00	42.49 1.98 0.00	46.64 2.47 0.00	42.66 2.33 0.00	53.19 3.25 0.00	64.97 4.45 -0.29	80.25 5.52 -1.06	80.50 6.55 -3.74	83.65 7.88 -4.46	207.53 9.10 -123.80	2086.12 6.31 -2017.25	578.69 2.40 -552.59	623.24 31.20 -259.95	73.66 6.69 0.00	50.77 4.07 0.04	51.84 3.95 0.00	49.66 3.51 0.00	50.76 2.79 0.00	55.51 2.46 0.00
GLOBAL GREEN_PORT_GT1 23814	55.21 1.57 0.00	57.06 1.04 0.00	51.58 0.83 0.00	43.02 0.38 0.00	37.33 0.57 0.00	36.61 1.17 0.00	42.04 1.52 0.00	46.47 2.30 0.00	42.19 1.86 0.00	52.45 2.51 0.00	65.17 4.65 -0.29	78.92 4.82 -0.44	79.61 5.81 -3.59	82.97 7.66 -3.99	112.30 9.22 -28.45	1659.34 4.04 -1592.75	524.23 1.80 -498.73	917.72 35.04 -550.59	85.75 8.00 -10.78	49.70 3.57 0.62	51.13 3.24 0.00	49.25 3.10 0.00	50.45 2.48 0.00	56.31 3.26 0.00
GLOBE____DSASP 323697	52.96 -0.68 0.00	55.16 -0.85 0.00	49.59 -1.16 0.00	41.00 -1.65 0.00	35.36 -1.40 0.00	34.23 -1.21 0.00	38.71 -1.81 0.00	42.35 -1.82 0.00	39.21 -1.11 0.00	48.08 -1.86 0.00	57.44 -2.80 0.00	69.68 -3.99 0.00	65.81 -4.40 0.00	66.37 -4.94 0.00	70.42 -5.15 -0.94	67.16 -4.19 -8.80	23.21 -1.17 -0.68	322.87 -9.22 0.00	64.23 -2.74 0.00	45.06 -1.68 0.00	45.82 -2.08 0.00	43.57 -2.58 0.00	45.37 -2.60 0.00	50.88 -2.17 0.00
GOETHSLN____LBMP 323567	54.93 1.29 0.00	57.03 1.02 0.00	51.73 0.98 0.00	43.56 0.91 0.00	37.76 0.99 0.00	36.87 1.43 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.37 2.04 0.00	52.73 2.79 0.00	63.80 3.57 0.00	78.46 4.79 0.00	76.03 5.82 0.00	77.79 7.00 0.52	89.83 7.99 -7.21	725.54 5.71 -657.28	257.45 2.00 -231.75	356.94 26.48 1.62	72.85 5.88 0.00	50.41 3.67 0.00	51.55 3.66 0.00	49.53 3.38 0.00	50.74 2.77 0.00	55.47 2.42 0.00
GOLAH____69_KV_TB 1_2 80279	55.67 2.03 0.00	57.98 1.97 0.00	52.02 1.27 0.00	43.17 0.53 0.00	37.19 0.43 0.00	36.08 0.64 0.00	41.12 0.60 0.00	44.97 0.80 0.00	41.52 1.19 0.00	51.09 1.15 0.00	61.26 1.03 0.00	74.31 0.65 0.00	70.53 0.32 0.00	71.30 -0.02 0.00	75.52 0.14 -0.75	69.92 0.36 -7.01	24.57 0.33 -0.54	341.93 9.84 0.00	68.47 1.50 0.00	47.98 1.23 0.00	49.02 1.12 0.00	46.77 0.62 0.00	48.52 0.55 0.00	53.80 0.75 0.00
GOODYEAR_LAKE_HYD 323669	55.52 1.88 0.00	57.93 1.92 0.00	52.48 1.73 0.00	44.10 1.45 0.00	38.12 1.36 0.00	36.89 1.45 0.00	42.27 1.75 0.00	46.21 2.04 0.00	42.16 1.83 0.00	52.37 2.43 0.00	63.17 2.94 0.00	77.37 3.39 -0.31	73.89 3.47 -0.21	75.22 3.76 -0.14	82.23 3.75 -3.84	82.96 3.04 -17.37	26.22 1.13 -1.39	348.49 16.40 0.00	70.59 3.62 0.00	49.34 2.60 0.00	50.53 2.64 0.00	48.61 2.46 0.00	50.23 2.25 0.00	55.25 2.20 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	54.02 0.38 0.00	56.40 0.29 -0.10	50.79 0.04 0.00	42.60 -0.05 0.00	36.85 0.09 0.00	35.75 0.31 0.00	40.96 0.44 0.00	44.66 0.49 0.00	40.89 0.56 0.00	50.67 0.74 0.00	61.26 1.02 0.00	75.51 1.03 -0.82	72.06 1.30 -0.55	73.46 1.76 -0.38	78.96 1.30 -3.02	85.59 1.06 -21.98	25.87 0.43 -1.74	339.96 7.87 0.00	68.92 1.95 0.00	48.02 1.28 0.00	49.10 1.21 0.00	47.07 0.92 0.00	48.66 0.69 0.00	53.54 0.48 0.00

GOWANUS_GT4_5 24134	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.95 5.98 -646.42	257.75 2.13 -231.93	358.43 27.99 1.66	73.39 6.42 0.00	50.66 3.92 0.00	51.81 3.91 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
GOWANUS_GT4_6 24135	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.95 5.98 -646.42	257.75 2.13 -231.93	358.43 27.99 1.66	73.39 6.42 0.00	50.66 3.92 0.00	51.81 3.91 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
GOWANUS_GT4_7 24136	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.95 5.98 -646.42	257.75 2.13 -231.93	358.43 27.99 1.66	73.39 6.42 0.00	50.66 3.92 0.00	51.81 3.91 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
GOWANUS_GT4_8 24137	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.95 5.98 -646.42	257.75 2.13 -231.93	358.43 27.99 1.66	73.39 6.42 0.00	50.66 3.92 0.00	51.81 3.91 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
GREATVR_69_KV_BK1 356245	56.17 2.53 0.00	58.12 2.11 0.00	52.61 1.86 0.00	43.90 1.26 0.00	38.11 1.35 0.00	37.32 1.89 0.00	42.78 2.26 0.00	47.13 2.96 0.00	43.11 2.78 0.00	53.93 3.99 0.00	66.59 6.07 -0.29	83.63 6.67 -3.30	96.80 7.56 -19.04	98.46 9.09 -18.05	117.19 10.58 -31.98	1675.85 5.79 -1607.50	527.75 2.66 -501.40	874.90 39.89 -502.93	90.19 8.52 -14.69	50.96 4.81 0.58	52.40 4.50 0.00	50.06 3.91 0.00	51.28 3.31 0.00	56.06 3.01 0.00
GREENBSH_115KV_TB3 55895	53.44 -0.20 0.00	55.77 -0.23 0.00	50.68 -0.07 0.00	42.72 0.07 0.00	36.85 0.09 0.00	35.88 0.45 0.00	41.05 0.53 0.00	44.61 0.44 0.00	40.53 0.20 0.00	50.12 0.18 0.00	60.49 0.25 0.00	74.39 0.72 0.00	71.58 1.36 0.00	73.15 1.83 0.00	33.46 2.18 43.35	20.61 1.68 43.62	20.85 0.55 3.39	339.17 7.08 0.00	68.36 1.39 0.00	47.68 0.94 0.00	48.87 0.98 0.00	46.96 0.81 0.00	48.25 0.27 0.00	52.96 -0.09 0.00
GREENDGE_115KV_TB5 80291	54.32 0.67 0.00	56.50 0.40 -0.09	50.82 0.07 0.00	42.69 0.04 0.00	37.00 0.24 0.00	35.98 0.54 0.00	41.17 0.65 0.00	44.81 0.64 0.00	41.39 1.07 0.00	50.87 0.92 0.00	61.14 0.90 0.00	74.92 0.56 -0.69	71.53 0.86 -0.46	72.36 0.73 -0.32	76.11 -0.02 -1.49	74.48 0.34 -11.59	25.00 0.41 -0.89	340.14 8.05 0.00	68.98 2.01 0.00	48.31 1.56 0.00	49.44 1.55 0.00	47.26 1.11 0.00	48.78 0.80 0.00	53.70 0.64 0.00
GREENIDGE___3 23582	54.32 0.67 0.00	56.50 0.40 -0.09	50.82 0.07 0.00	42.69 0.04 0.00	37.00 0.24 0.00	35.98 0.54 0.00	41.17 0.65 0.00	44.81 0.64 0.00	41.39 1.07 0.00	50.87 0.92 0.00	61.14 0.90 0.00	74.92 0.56 -0.69	71.53 0.86 -0.46	72.36 0.73 -0.32	76.11 -0.02 -1.49	74.48 0.34 -11.59	25.00 0.41 -0.89	340.14 8.05 0.00	68.98 2.01 0.00	48.31 1.56 0.00	49.44 1.55 0.00	47.26 1.11 0.00	48.78 0.80 0.00	53.70 0.64 0.00
GREENIDGE___4 23583	54.31 0.67 0.00	56.51 0.41 -0.09	50.83 0.08 0.00	42.69 0.04 0.00	37.00 0.24 0.00	35.97 0.54 0.00	41.17 0.65 0.00	44.81 0.64 0.00	41.39 1.07 0.00	50.87 0.92 0.00	61.12 0.88 0.00	74.92 0.56 -0.69	71.52 0.85 -0.46	72.38 0.75 -0.32	76.10 -0.03 -1.49	74.53 0.39 -11.59	25.00 0.41 -0.89	340.14 8.05 0.00	68.99 2.03 0.00	48.31 1.57 0.00	49.44 1.54 0.00	47.26 1.11 0.00	48.78 0.80 0.00	53.70 0.65 0.00
GREENLWN_69_KV_BK 3 55738	54.75 1.11 0.00	56.85 0.84 0.00	51.54 0.79 0.00	43.08 0.43 0.00	37.39 0.62 0.00	36.60 1.16 0.00	41.86 1.34 0.00	45.94 1.77 0.00	41.95 1.62 0.00	52.37 2.43 0.00	64.66 4.14 -0.29	76.71 4.13 1.09	70.34 5.07 4.95	74.08 6.52 3.75	113.94 7.96 -31.34	1660.37 4.61 -1593.21	520.96 2.06 -495.20	441.59 25.47 -84.04	65.69 5.77 7.04	49.16 3.02 0.60	50.64 2.74 0.00	48.45 2.30 0.00	49.55 1.58 0.00	54.28 1.23 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.96 5.99 -646.42	257.76 2.13 -231.93	358.52 28.08 1.66	73.39 6.42 0.00	50.67 3.93 0.00	51.81 3.92 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00
GRISSOM___SOLAR 323813	57.01 3.37 0.00	59.48 3.47 0.00	53.80 3.05 0.00	45.12 2.47 0.00	38.95 2.18 0.00	37.67 2.24 0.00	43.09 2.57 0.00	46.94 2.77 0.00	42.48 2.15 0.00	52.90 2.96 0.00	63.51 3.28 0.00	76.47 2.80 0.00	72.69 2.48 0.00	72.81 1.50 0.00	78.09 2.25 -1.20	31.66 1.33 32.22	21.67 0.45 2.49	341.81 9.72 0.00	70.38 3.41 0.00	50.14 3.40 0.00	51.51 3.61 0.00	49.66 3.51 0.00	51.33 3.36 0.00	56.47 3.42 0.00
GROVEVILLE___HYD 323602	55.76 2.12 0.00	57.96 1.94 0.00	52.45 1.69 0.00	44.09 1.44 0.00	38.15 1.39 0.00	37.17 1.74 0.00	42.59 2.07 0.00	46.62 2.45 0.00	42.59 2.26 0.00	53.03 3.09 0.00	64.37 4.13 0.00	79.21 5.54 0.00	76.68 6.47 0.00	78.95 7.63 0.00	101.29 8.53 -18.13	125.16 6.54 -56.07	31.40 2.35 -5.36	364.10 31.95 -0.06	73.65 6.68 0.00	51.02 4.28 0.00	52.13 4.23 0.00	49.95 3.80 0.00	51.14 3.17 0.00	55.89 2.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	53.95 0.30 0.00	56.44 0.18 -0.25	50.78 0.03 0.00	42.55 -0.10 0.00	36.72 -0.04 0.00	35.56 0.12 0.00	40.71 0.19 0.00	44.40 0.23 0.00	40.56 0.23 0.00	50.09 0.15 0.00	60.35 0.10 -0.01	75.61 -0.09 -2.03	71.82 0.25 -1.36	72.53 0.27 -0.94	61.61 0.22 13.24	68.04 0.23 -5.26	24.24 0.09 -0.44	334.55 2.46 0.00	67.60 0.63 0.00	47.18 0.44 0.00	48.33 0.43 0.00	46.36 0.21 0.00	47.93 -0.04 0.00	52.74 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	54.42 0.78 0.00	56.88 0.63 -0.24	51.15 0.40 0.00	42.78 0.13 0.00	36.91 0.14 0.00	35.76 0.32 0.00	40.90 0.39 0.00	44.62 0.45 0.00	40.92 0.59 0.00	50.54 0.60 0.00	60.89 0.65 -0.01	76.00 0.39 -1.94	72.26 0.74 -1.30	72.87 0.65 -0.90	63.90 0.55 11.29	68.90 0.56 -5.79	24.43 0.25 -0.48	337.91 5.82 0.00	68.30 1.34 0.00	47.72 0.98 0.00	48.84 0.95 0.00	46.77 0.62 0.00	48.36 0.39 0.00	53.24 0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.62 0.00	35.75 0.31 0.00	41.02 0.51 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.27 1.33 0.00	61.17 0.94 0.00	74.71 0.42 -0.62	70.07 -0.56 -0.41	70.42 -1.18 -0.29	-341.69 -1.88 414.44	48.20 -1.50 12.85	23.17 -0.53 0.00	325.23 -6.86 0.00	65.94 -1.02 0.00	46.62 -0.12 0.00	48.29 0.39 0.00	46.72 0.57 0.00	49.37 1.40 0.00	54.77 1.72 0.00
HARDSCRABBLE_WT_PWR 323673	54.16 0.52 0.00	56.40 0.40 0.00	51.23 0.48 0.00	43.13 0.48 0.00	37.29 0.53 0.00	36.24 0.80 0.00	41.57 1.05 0.00	45.24 1.07 0.00	41.00 0.67 0.00	50.92 0.98 0.00	61.25 1.01 0.00	74.71 1.05 0.00	71.89 1.68 0.00	73.08 1.77 0.00	63.59 2.03 13.07	63.47 1.32 0.40	24.03 0.33 0.00	337.96 5.87 0.00	69.31 2.34 0.00	48.78 2.04 0.00	50.08 2.18 0.00	48.28 2.13 0.00	49.44 1.47 0.00	53.96 0.91 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.43 1.78 0.00	57.61 1.60 0.00	52.10 1.35 0.00	43.78 1.13 0.00	37.89 1.13 0.00	36.92 1.48 0.00	42.29 1.77 0.00	46.28 2.11 0.00	42.30 1.97 0.00	52.71 2.77 0.00	64.05 3.82 0.00	78.80 5.14 0.00	76.22 6.01 0.00	78.50 7.19 0.00	108.61 8.14 -25.84	133.79 6.27 -64.97	-2.20 2.24 28.15	331.56 30.14 30.67	73.22 6.25 0.00	50.68 3.94 0.00	51.79 3.89 0.00	49.62 3.47 0.00	50.83 2.86 0.00	55.64 2.59 0.00
HARSNRAD_115KV_TB1 81005	53.55 -0.10 0.00	55.73 -0.28 0.00	50.05 -0.70 0.00	41.37 -1.28 0.00	35.69 -1.07 0.00	34.57 -0.86 0.00	39.06 -1.47 0.00	42.71 -1.45 0.00	39.60 -0.73 0.00	48.54 -1.40 0.00	58.04 -2.20 0.00	70.28 -3.39 0.00	66.69 -3.52 0.00	67.30 -4.02 0.00	71.35 -4.21 -0.93	67.85 -3.35 -8.66	23.53 -0.84 -0.67	327.47 -4.62 0.00	65.27 -1.69 0.00	45.77 -0.97 0.00	46.59 -1.31 0.00	44.28 -1.87 0.00	46.09 -1.88 0.00	51.67 -1.38 0.00
HARZA MOOSE___RIVER 24016	54.85 1.21 0.00	57.60 1.52 -0.07	52.20 1.45 0.00	43.79 1.14 0.00	37.62 0.86 0.00	36.24 0.80 0.00	41.65 1.14 0.00	45.74 1.57 0.00	42.18 1.85 0.00	52.15 2.21 0.00	62.72 2.49 0.00	76.68 2.50 -0.52	72.21 1.65 -0.35	73.06 1.51 -0.24	-38.76 1.82 115.21	60.63 1.66 3.58	24.30 0.60 0.00	340.99 8.90 0.00	69.32 2.35 0.00	48.76 2.02 0.00	50.36 2.47 0.00	48.54 2.39 0.00	50.50 2.52 0.00	55.56 2.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	53.61 -0.03 0.00	56.00 -0.15 -0.14	50.46 -0.29 0.00	42.32 -0.33 0.00	36.52 -0.24 0.00	35.36 -0.08 0.00	40.47 -0.05 0.00	44.18 0.01 0.00	40.44 0.11 0.00	50.03 0.09 0.00	60.35 0.11 0.00	74.75 -0.03 -1.11	71.14 0.18 -0.74	72.13 0.30 -0.51	58.69 0.27 16.22	62.28 0.24 0.51	23.77 0.07 0.00	334.16 2.07 0.00	67.44 0.48 0.00	47.06 0.32 0.00	48.19 0.30 0.00	46.25 0.10 0.00	47.79 -0.18 0.00	52.64 -0.41 0.00
HELLGATE_13_KV_LD 55870	50.76 1.71 4.58	56.60 1.48 0.89	52.15 1.40 0.00	43.99 1.34 0.00	38.11 1.35 0.00	37.23 1.79 0.00	42.63 2.11 0.00	46.78 2.61 0.00	42.78 2.46 0.00	53.21 3.27 0.00	64.41 4.17 0.00	79.19 5.52 0.00	76.79 6.58 0.00	79.75 7.74 -0.69	165.18 8.78 -81.76	1296.33 6.43 -1227.35	330.26 2.24 -304.33	449.53 30.27 -87.17	73.74 6.77 0.00	50.96 4.22 0.00	52.05 4.15 0.00	50.20 4.05 0.00	51.34 3.37 0.00	56.04 2.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.76 1.71 4.58	56.60 1.48 0.89	52.15 1.40 0.00	43.99 1.34 0.00	38.11 1.35 0.00	37.23 1.79 0.00	42.63 2.11 0.00	46.78 2.61 0.00	42.78 2.46 0.00	53.21 3.27 0.00	64.41 4.17 0.00	79.19 5.52 0.00	76.79 6.58 0.00	79.75 7.74 -0.69	165.18 8.78 -81.76	1296.33 6.43 -1227.35	330.26 2.24 -304.33	449.53 30.27 -87.17	73.74 6.77 0.00	50.96 4.22 0.00	52.05 4.15 0.00	50.20 4.05 0.00	51.34 3.37 0.00	56.04 2.99 0.00
HEMPSTEAD___ 23647	55.24 1.60 0.00	57.27 1.26 0.00	51.86 1.11 0.00	43.45 0.80 0.00	37.67 0.91 0.00	36.83 1.40 0.00	42.20 1.68 0.00	46.35 2.17 0.00	42.37 2.04 0.00	52.88 2.94 0.00	64.87 4.34 -0.29	80.07 5.09 -1.32	80.94 6.09 -4.63	84.06 7.43 -5.32	172.17 8.66 -88.88	1947.69 5.60 -1879.53	576.16 2.26 -550.20	621.15 28.97 -260.09	73.24 6.27 0.00	50.37 3.70 0.07	51.46 3.56 0.00	49.26 3.11 0.00	50.38 2.41 0.00	55.11 2.05 0.00
HICKLING___1 23621	53.84 0.20 0.00	56.08 -0.02 -0.09	50.35 -0.40 0.00	42.23 -0.42 0.00	36.57 -0.20 0.00	35.59 0.15 0.00	40.80 0.28 0.00	44.48 0.31 0.00	41.01 0.68 0.00	50.66 0.72 0.00	61.20 0.97 0.00	75.01 0.65 -0.68	71.63 0.96 -0.46	73.05 1.42 -0.32	76.97 0.48 -1.86	78.13 0.55 -15.02	25.16 0.30 -1.16	340.41 8.31 0.00	69.37 2.40 0.00	48.34 1.60 0.00	49.39 1.50 0.00	47.19 1.04 0.00	48.80 0.83 0.00	53.73 0.68 0.00
HICKLING___2 23622	53.84 0.20 0.00	56.08 -0.02 -0.09	50.35 -0.40 0.00	42.23 -0.42 0.00	36.57 -0.20 0.00	35.59 0.15 0.00	40.80 0.28 0.00	44.48 0.31 0.00	41.01 0.68 0.00	50.66 0.72 0.00	61.20 0.97 0.00	75.01 0.65 -0.68	71.63 0.96 -0.46	73.05 1.42 -0.32	76.97 0.48 -1.86	78.13 0.55 -15.02	25.16 0.30 -1.16	340.41 8.31 0.00	69.37 2.40 0.00	48.34 1.60 0.00	49.39 1.50 0.00	47.19 1.04 0.00	48.80 0.83 0.00	53.73 0.68 0.00
HIGH FALLS___HY 23754	55.86 2.21 0.00	58.00 1.99 0.00	52.45 1.70 0.00	44.07 1.42 0.00	38.13 1.37 0.00	37.12 1.68 0.00	42.53 2.01 0.00	46.60 2.43 0.00	42.56 2.24 0.00	53.06 3.12 0.00	64.40 4.16 0.00	79.09 5.43 0.00	76.69 6.48 0.00	79.15 7.83 0.00	96.61 8.65 -13.33	144.10 7.11 -74.44	32.84 2.53 -6.61	366.13 33.99 -0.05	74.22 7.25 0.00	51.46 4.72 0.00	52.52 4.62 0.00	50.29 4.14 0.00	51.45 3.48 0.00	56.19 3.14 0.00
HIGH_RIVER___SOLAR 323847	55.63 1.99 0.00	58.04 2.03 0.00	52.58 1.83 0.00	44.17 1.52 0.00	38.13 1.36 0.00	36.93 1.49 0.00	42.25 1.73 0.00	45.98 1.81 0.00	41.67 1.34 0.00	51.69 1.75 0.00	62.22 1.99 0.00	75.54 1.87 0.00	72.03 1.82 0.00	72.94 1.62 0.00	77.77 2.08 -1.06	27.98 1.41 35.98	21.41 0.49 2.78	341.75 9.66 0.00	69.73 2.77 0.00	49.21 2.47 0.00	50.50 2.61 0.00	48.60 2.45 0.00	50.17 2.20 0.00	55.16 2.10 0.00
HILLBURN___GT 23639	55.06 1.42 0.00	57.23 1.22 0.00	51.77 1.02 0.00	43.52 0.87 0.00	37.67 0.91 0.00	36.73 1.29 0.00	42.08 1.56 0.00	46.07 1.90 0.00	42.08 1.75 0.00	52.41 2.47 0.00	63.66 3.42 0.00	78.24 4.57 0.00	75.67 5.46 0.00	77.95 6.63 0.00	103.48 7.63 -21.23	81.16 5.64 -12.98	-14.02 2.03 39.75	321.95 27.37 37.51	72.56 5.59 0.00	50.23 3.49 0.00	51.35 3.46 0.00	49.25 3.10 0.00	50.46 2.49 0.00	55.26 2.21 0.00
HILLSIDE_115KV_TB1 80332	53.08 -0.56 0.00	55.32 -0.78 -0.09	49.62 -1.13 0.00	41.63 -1.01 0.00	36.10 -0.67 0.00	35.08 -0.36 0.00	40.25 -0.26 0.00	43.84 -0.33 0.00	40.37 0.04 0.00	49.92 -0.02 0.00	60.38 0.14 0.00	74.11 -0.26 -0.71	70.77 0.08 -0.48	72.33 0.69 -0.33	76.31 -0.24 -1.93	77.98 -0.17 -15.61	24.89 -0.01 -1.20	335.06 2.97 0.00	68.26 1.29 0.00	47.48 0.73 0.00	48.51 0.62 0.00	46.37 0.21 0.00	47.99 0.02 0.00	52.80 -0.25 0.00

HISHELDN_WT_PWR 323625	53.52 -0.12 0.00	55.76 -0.25 0.00	50.09 -0.66 0.00	41.53 -1.12 0.00	35.87 -0.89 0.00	34.88 -0.55 0.00	39.62 -0.90 0.00	43.29 -0.88 0.00	40.07 -0.26 0.00	49.23 -0.71 0.00	59.06 -1.18 0.00	71.65 -2.02 0.00	68.35 -1.86 0.00	69.09 -2.22 0.00	72.92 -2.82 -1.11	70.97 -1.96 -10.39	24.05 -0.45 -0.80	332.82 0.73 0.00	67.05 0.08 0.00	47.00 0.26 0.00	47.97 0.07 0.00	45.64 -0.51 0.00	47.40 -0.57 0.00	52.79 -0.26 0.00
HOLTSVILLE_IC_1 23690	54.89 1.25 0.00	56.87 0.86 0.00	51.51 0.76 0.00	43.02 0.37 0.00	37.35 0.58 0.00	36.57 1.14 0.00	41.90 1.38 0.00	46.11 1.94 0.00	42.15 1.82 0.00	52.68 2.74 0.00	65.12 4.60 -0.29	78.71 4.72 -0.33	78.77 5.55 -3.01	81.77 7.00 -3.46	111.25 8.37 -28.25	1658.60 3.67 -1592.38	524.29 1.77 -498.82	890.02 28.86 -529.07	83.20 6.36 -9.87	49.45 3.33 0.62	51.00 3.11 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.75 1.70 0.00
HOLTSVILLE_IC_10 23699	55.25 1.61 0.00	57.22 1.21 0.00	51.80 1.05 0.00	43.24 0.59 0.00	37.53 0.77 0.00	36.77 1.33 0.00	42.13 1.62 0.00	46.40 2.23 0.00	42.46 2.13 0.00	53.12 3.18 0.00	65.70 5.18 -0.29	79.95 5.47 -0.81	82.08 6.28 -5.60	84.92 7.78 -5.82	112.99 9.20 -29.17	1660.75 3.82 -1594.37	524.15 1.90 -498.56	982.84 33.02 -617.73	87.77 7.15 -13.64	49.92 3.79 0.61	51.45 3.55 0.00	49.19 3.03 0.00	50.41 2.45 0.00	55.19 2.14 0.00
HOLTSVILLE_IC_2 23691	54.89 1.25 0.00	56.87 0.86 0.00	51.51 0.76 0.00	43.02 0.37 0.00	37.35 0.58 0.00	36.57 1.14 0.00	41.90 1.38 0.00	46.11 1.94 0.00	42.15 1.82 0.00	52.68 2.74 0.00	65.12 4.60 -0.29	78.71 4.72 -0.33	78.77 5.55 -3.01	81.77 7.00 -3.46	111.25 8.37 -28.25	1658.60 3.67 -1592.38	524.29 1.77 -498.82	890.02 28.86 -529.07	83.20 6.36 -9.87	49.45 3.33 0.62	51.00 3.11 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.75 1.70 0.00
HOLTSVILLE_IC_3 23692	54.89 1.25 0.00	56.87 0.86 0.00	51.51 0.76 0.00	43.02 0.37 0.00	37.35 0.58 0.00	36.57 1.14 0.00	41.90 1.38 0.00	46.11 1.94 0.00	42.15 1.82 0.00	52.68 2.74 0.00	65.12 4.60 -0.29	78.71 4.72 -0.33	78.77 5.55 -3.01	81.77 7.00 -3.46	111.25 8.37 -28.25	1658.60 3.67 -1592.38	524.29 1.77 -498.82	890.02 28.86 -529.07	83.20 6.36 -9.87	49.45 3.33 0.62	51.00 3.11 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.75 1.70 0.00
HOLTSVILLE_IC_4 23693	54.89 1.25 0.00	56.87 0.86 0.00	51.51 0.76 0.00	43.02 0.37 0.00	37.35 0.58 0.00	36.57 1.14 0.00	41.90 1.38 0.00	46.11 1.94 0.00	42.15 1.82 0.00	52.68 2.74 0.00	65.12 4.60 -0.29	78.71 4.72 -0.33	78.77 5.55 -3.01	81.77 7.00 -3.46	111.25 8.37 -28.25	1658.60 3.67 -1592.38	524.29 1.77 -498.82	890.02 28.86 -529.07	83.20 6.36 -9.87	49.45 3.33 0.62	51.00 3.11 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.75 1.70 0.00
HOLTSVILLE_IC_5 23694	54.89 1.25 0.00	56.87 0.86 0.00	51.51 0.76 0.00	43.02 0.37 0.00	37.35 0.58 0.00	36.57 1.14 0.00	41.90 1.38 0.00	46.11 1.94 0.00	42.15 1.82 0.00	52.68 2.74 0.00	65.12 4.60 -0.29	78.71 4.72 -0.33	78.77 5.55 -3.01	81.77 7.00 -3.46	111.25 8.37 -28.25	1658.60 3.67 -1592.38	524.29 1.77 -498.82	890.02 28.86 -529.07	83.20 6.36 -9.87	49.45 3.33 0.62	51.00 3.11 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.75 1.70 0.00
HOLTSVILLE_IC_6 23695	55.25 1.61 0.00	57.22 1.21 0.00	51.80 1.05 0.00	43.24 0.59 0.00	37.53 0.77 0.00	36.77 1.33 0.00	42.13 1.62 0.00	46.40 2.23 0.00	42.46 2.13 0.00	53.12 3.18 0.00	65.70 5.18 -0.29	79.95 5.47 -0.81	82.08 6.28 -5.60	84.92 7.78 -5.82	112.99 9.20 -29.17	1660.75 3.82 -1594.37	524.15 1.90 -498.56	982.84 33.02 -617.73	87.77 7.15 -13.64	49.92 3.79 0.61	51.45 3.55 0.00	49.19 3.03 0.00	50.41 2.45 0.00	55.19 2.14 0.00
HOLTSVILLE_IC_7 23696	55.25 1.61 0.00	57.22 1.21 0.00	51.80 1.05 0.00	43.24 0.59 0.00	37.53 0.77 0.00	36.77 1.33 0.00	42.13 1.62 0.00	46.40 2.23 0.00	42.46 2.13 0.00	53.12 3.18 0.00	65.70 5.18 -0.29	79.95 5.47 -0.81	82.08 6.28 -5.60	84.92 7.78 -5.82	112.99 9.20 -29.17	1660.75 3.82 -1594.37	524.15 1.90 -498.56	982.84 33.02 -617.73	87.77 7.15 -13.64	49.92 3.79 0.61	51.45 3.55 0.00	49.19 3.03 0.00	50.41 2.45 0.00	55.19 2.14 0.00
HOLTSVILLE_IC_8 23697	55.25 1.61 0.00	57.22 1.21 0.00	51.80 1.05 0.00	43.24 0.59 0.00	37.53 0.77 0.00	36.77 1.33 0.00	42.13 1.62 0.00	46.40 2.23 0.00	42.46 2.13 0.00	53.12 3.18 0.00	65.70 5.18 -0.29	79.95 5.47 -0.81	82.08 6.28 -5.60	84.92 7.78 -5.82	112.99 9.20 -29.17	1660.75 3.82 -1594.37	524.15 1.90 -498.56	982.84 33.02 -617.73	87.77 7.15 -13.64	49.92 3.79 0.61	51.45 3.55 0.00	49.19 3.03 0.00	50.41 2.45 0.00	55.19 2.14 0.00
HOLTSVILLE_IC_9 23698	55.25 1.61 0.00	57.22 1.21 0.00	51.80 1.05 0.00	43.24 0.59 0.00	37.53 0.77 0.00	36.77 1.33 0.00	42.13 1.62 0.00	46.40 2.23 0.00	42.46 2.13 0.00	53.12 3.18 0.00	65.70 5.18 -0.29	79.95 5.47 -0.81	82.08 6.28 -5.60	84.92 7.78 -5.82	112.99 9.20 -29.17	1660.75 3.82 -1594.37	524.15 1.90 -498.56	982.84 33.02 -617.73	87.77 7.15 -13.64	49.92 3.79 0.61	51.45 3.55 0.00	49.19 3.03 0.00	50.41 2.45 0.00	55.19 2.14 0.00
HOMER_HL_115KV_TB2 355744	53.88 0.23 0.00	56.04 0.03 0.00	50.19 -0.56 0.00	41.59 -1.06 0.00	36.03 -0.74 0.00	35.06 -0.38 0.00	40.05 -0.48 0.00	43.87 -0.30 0.00	40.62 0.29 0.00	50.17 0.23 0.00	59.88 -0.36 0.00	72.38 -1.29 0.00	68.65 -1.56 0.00	69.60 -1.72 0.00	73.58 -2.20 -1.15	71.37 -1.90 -10.72	24.09 -0.43 -0.82	332.06 -0.03 0.00	66.99 0.02 0.00	46.92 0.17 0.00	47.82 -0.08 0.00	45.42 -0.74 0.00	47.43 -0.54 0.00	52.43 -0.62 0.00
HOWARD_WT_PWR 323690	52.55 -1.09 0.00	54.25 -1.82 -0.06	49.29 -1.46 0.00	41.42 -1.23 0.00	35.66 -1.11 0.00	34.93 -0.51 0.00	39.83 -0.69 0.00	43.55 -0.62 0.00	40.44 0.11 0.00	49.90 -0.04 0.00	59.89 -0.35 0.00	72.71 -1.46 -0.51	69.45 -1.10 -0.34	70.54 -1.01 -0.24	74.66 -1.48 -1.50	73.90 -0.95 -12.30	24.44 -0.21 -0.95	335.66 3.57 0.00	68.38 1.41 0.00	48.23 1.49 0.00	49.51 1.62 0.00	47.33 1.18 0.00	48.96 0.99 0.00	54.24 1.19 0.00
HQ_GEN_CEDARS 23644	54.21 0.57 0.00	56.78 0.78 0.00	51.42 0.67 0.00	43.20 0.56 0.00	37.19 0.43 0.00	35.39 -0.05 0.00	40.44 -0.08 0.00	44.14 -0.03 0.00	40.42 0.09 0.00	50.06 0.12 0.00	59.76 -0.47 0.00	72.86 -0.80 0.00	68.61 -1.60 0.00	69.07 -2.25 0.00	-809.21 -4.04 879.80	32.57 -3.31 26.67	22.58 -1.12 0.00	317.53 -14.56 0.00	63.84 -3.13 0.00	44.79 -1.95 0.00	45.97 -1.93 0.00	44.50 -1.65 0.00	47.72 -0.25 0.00	53.38 0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	54.21 0.57 0.00	56.79 0.77 0.00	50.81 0.67 0.60	43.20 0.56 0.00	37.19 0.43 0.00	35.39 -0.05 0.00	40.44 -0.08 0.00	44.14 -0.03 0.00	40.42 0.09 0.00	50.06 0.12 0.00	59.77 -0.46 0.00	72.86 -0.81 0.00	68.61 -1.60 0.00	69.07 -2.24 0.00	-809.20 -4.03 879.80	32.57 -3.31 26.67	21.22 -1.12 1.36	269.70 -14.55 47.83	48.09 -3.15 15.73	33.71 -1.95 11.08	34.39 -1.93 11.58	44.50 -1.65 0.00	47.72 -0.25 0.00	53.38 0.33 0.00

HQ_GEN_IMPORT 323601	53.75 0.10 0.00	57.88 0.22 -1.65	47.93 0.17 3.00	42.80 0.15 0.00	36.82 0.05 0.00	35.19 -0.25 0.00	40.17 -0.35 0.00	43.79 -0.38 0.00	40.04 -0.29 0.00	49.55 -0.39 0.00	59.64 -0.59 0.00	72.90 -0.77 0.00	52.66 -1.32 16.22	69.54 -1.78 0.00	101.10 -2.10 -28.57	23.88 -1.63 37.04	45.86 -0.55 -22.71	322.22 -7.85 2.02	61.87 -1.75 3.35	45.62 -1.12 0.00	46.42 -1.15 0.33	45.21 -0.94 0.00	47.54 -0.43 0.00	53.03 -0.03 0.00
HQ_GEN_WHEEL 23651	53.75 0.10 0.00	57.88 0.22 -1.65	47.93 0.17 3.00	42.80 0.15 0.00	36.82 0.05 0.00	35.19 -0.25 0.00	40.17 -0.35 0.00	43.79 -0.38 0.00	40.04 -0.29 0.00	49.55 -0.39 0.00	59.64 -0.59 0.00	72.90 -0.77 0.00	52.66 -1.32 16.22	69.54 -1.78 0.00	101.10 -2.10 -28.57	23.88 -1.63 37.04	45.86 -0.55 -22.71	322.22 -7.85 2.02	61.87 -1.75 3.35	45.62 -1.12 0.00	46.42 -1.15 0.33	45.21 -0.94 0.00	47.54 -0.43 0.00	53.03 -0.03 0.00
HUDSON AVE_GT_3 23810	55.42 1.78 0.00	57.50 1.49 0.00	52.12 1.37 0.00	43.87 1.22 0.00	38.02 1.25 0.00	37.13 1.69 0.00	42.55 2.03 0.00	46.69 2.53 0.00	42.70 2.38 0.00	53.13 3.19 0.00	64.40 4.16 0.00	79.21 5.54 0.00	76.78 6.56 0.00	79.05 7.74 0.00	300.31 8.76 -216.91	2421.72 6.43 -2352.75	507.00 2.25 -481.05	621.95 30.31 -259.56	73.47 6.50 0.00	50.83 4.09 0.00	51.96 4.07 0.00	49.91 3.76 0.00	51.16 3.19 0.00	55.91 2.86 0.00
HUDSON AVE_GT_4 23540	55.42 1.78 0.00	57.50 1.49 0.00	52.12 1.37 0.00	43.87 1.22 0.00	38.02 1.25 0.00	37.13 1.69 0.00	42.55 2.03 0.00	46.69 2.53 0.00	42.70 2.38 0.00	53.13 3.19 0.00	64.40 4.16 0.00	79.21 5.54 0.00	76.78 6.56 0.00	79.05 7.74 0.00	300.31 8.76 -216.91	2421.72 6.43 -2352.75	507.00 2.25 -481.05	621.95 30.31 -259.56	73.47 6.50 0.00	50.83 4.09 0.00	51.96 4.07 0.00	49.91 3.76 0.00	51.16 3.19 0.00	55.91 2.86 0.00
HUDSON AVE_GT_5 23657	55.42 1.78 0.00	57.50 1.49 0.00	52.12 1.37 0.00	43.87 1.22 0.00	38.02 1.25 0.00	37.13 1.69 0.00	42.55 2.03 0.00	46.69 2.53 0.00	42.70 2.38 0.00	53.13 3.19 0.00	64.40 4.16 0.00	79.21 5.54 0.00	76.78 6.56 0.00	79.05 7.74 0.00	300.31 8.76 -216.91	2421.72 6.43 -2352.75	507.00 2.25 -481.05	621.95 30.31 -259.56	73.47 6.50 0.00	50.83 4.09 0.00	51.96 4.07 0.00	49.91 3.76 0.00	51.16 3.19 0.00	55.91 2.86 0.00
HUDSON_AVE_10 24168	55.29 1.64 0.00	57.35 1.34 0.00	51.98 1.22 0.00	43.75 1.10 0.00	37.92 1.16 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.59 2.42 0.00	42.60 2.27 0.00	53.00 3.06 0.00	64.18 3.95 0.00	78.97 5.30 0.00	76.56 6.35 0.00	78.85 7.52 -0.01	300.49 8.53 -217.33	2461.82 6.27 -2393.00	520.54 2.18 -494.66	634.70 29.13 -273.49	73.82 6.29 -0.56	51.06 3.95 -0.36	51.84 3.95 0.00	49.80 3.65 0.00	51.03 3.05 0.00	55.74 2.69 0.00
HUDSON___115KV_TB 4 355613	54.83 1.18 0.00	57.14 1.13 0.00	51.85 1.10 0.00	43.65 1.01 0.00	37.66 0.90 0.00	36.66 1.22 0.00	41.95 1.44 0.00	45.48 1.31 0.00	41.26 0.94 0.00	50.96 1.02 0.00	61.12 0.89 0.00	75.51 1.85 0.00	72.38 2.16 0.00	74.32 3.01 0.00	48.43 3.06 29.27	34.05 2.74 31.24	22.30 0.93 2.33	346.43 14.33 -0.01	69.74 2.77 0.00	48.93 2.19 0.00	50.30 2.41 0.00	48.28 2.13 0.00	49.50 1.53 0.00	54.23 1.18 0.00
HUNTER MOUNT___DRP 323613	55.07 1.43 0.00	57.37 1.36 0.00	52.05 1.30 0.00	43.81 1.16 0.00	37.79 1.02 0.00	36.77 1.33 0.00	42.10 1.58 0.00	45.69 1.52 0.00	41.50 1.18 0.00	51.26 1.32 0.00	61.48 1.24 0.00	75.98 2.31 0.00	72.82 2.60 0.00	74.60 3.29 0.00	57.56 3.46 20.54	47.62 3.05 17.98	23.53 1.02 1.19	348.29 16.18 -0.01	70.16 3.19 0.00	49.24 2.50 0.00	50.60 2.70 0.00	48.53 2.38 0.00	49.76 1.79 0.00	54.51 1.46 0.00
HUNTINGTON_RES_REC 323705	55.01 1.37 0.00	57.03 1.02 0.00	51.67 0.92 0.00	43.15 0.50 0.00	37.45 0.69 0.00	36.67 1.24 0.00	41.98 1.46 0.00	46.15 1.99 0.00	42.21 1.88 0.00	52.78 2.84 0.00	65.35 4.83 -0.29	77.44 4.95 1.17	70.75 5.84 5.30	74.59 7.35 4.07	113.17 8.81 -29.73	1647.98 4.68 -1580.75	516.48 2.13 -490.65	1749.58 30.01 -1387.48	108.52 6.54 -35.01	49.51 3.38 0.61	51.03 3.14 0.00	48.79 2.64 0.00	49.97 2.00 0.00	54.73 1.68 0.00
HUNTLEY___63 23557	54.22 0.58 0.00	56.38 0.36 0.00	50.59 -0.16 0.00	41.79 -0.86 0.00	36.06 -0.70 0.00	34.95 -0.49 0.00	39.55 -0.97 0.00	43.29 -0.88 0.00	40.14 -0.18 0.00	49.27 -0.67 0.00	58.94 -1.30 0.00	71.47 -2.20 0.00	67.68 -2.53 0.00	68.38 -2.93 0.00	72.53 -3.06 -0.96	69.11 -2.42 -8.98	23.91 -0.48 -0.69	332.40 0.31 0.00	66.34 -0.63 0.00	46.49 -0.25 0.00	47.26 -0.63 0.00	44.86 -1.29 0.00	46.69 -1.28 0.00	52.22 -0.83 0.00
HUNTLEY___64 23558	54.22 0.58 0.00	56.38 0.36 0.00	50.59 -0.16 0.00	41.79 -0.86 0.00	36.06 -0.70 0.00	34.95 -0.49 0.00	39.55 -0.97 0.00	43.29 -0.88 0.00	40.14 -0.18 0.00	49.27 -0.67 0.00	58.94 -1.30 0.00	71.47 -2.20 0.00	67.68 -2.53 0.00	68.38 -2.93 0.00	72.53 -3.06 -0.96	69.11 -2.42 -8.98	23.91 -0.48 -0.69	332.40 0.31 0.00	66.34 -0.63 0.00	46.49 -0.25 0.00	47.26 -0.63 0.00	44.86 -1.29 0.00	46.69 -1.28 0.00	52.22 -0.83 0.00
HUNTLEY___65 23559	54.22 0.58 0.00	56.38 0.36 0.00	50.59 -0.16 0.00	41.79 -0.86 0.00	36.06 -0.70 0.00	34.95 -0.49 0.00	39.55 -0.97 0.00	43.29 -0.88 0.00	40.14 -0.18 0.00	49.27 -0.67 0.00	58.94 -1.30 0.00	71.47 -2.20 0.00	67.68 -2.53 0.00	68.38 -2.93 0.00	72.53 -3.06 -0.96	69.11 -2.42 -8.98	23.91 -0.48 -0.69	332.40 0.31 0.00	66.34 -0.63 0.00	46.49 -0.25 0.00	47.26 -0.63 0.00	44.86 -1.29 0.00	46.69 -1.28 0.00	52.22 -0.83 0.00
HUNTLEY___66 23560	54.22 0.58 0.00	56.38 0.36 0.00	50.59 -0.16 0.00	41.79 -0.86 0.00	36.06 -0.70 0.00	34.95 -0.49 0.00	39.55 -0.97 0.00	43.29 -0.88 0.00	40.14 -0.18 0.00	49.27 -0.67 0.00	58.94 -1.30 0.00	71.47 -2.20 0.00	67.68 -2.53 0.00	68.38 -2.93 0.00	72.53 -3.06 -0.96	69.11 -2.42 -8.98	23.91 -0.48 -0.69	332.40 0.31 0.00	66.34 -0.63 0.00	46.49 -0.25 0.00	47.26 -0.63 0.00	44.86 -1.29 0.00	46.69 -1.28 0.00	52.22 -0.83 0.00
HUNTLEY___67 23561	53.90 0.26 0.00	56.12 0.11 0.00	50.39 -0.36 0.00	41.66 -0.99 0.00	35.95 -0.81 0.00	34.84 -0.60 0.00	39.48 -1.03 0.00	43.19 -0.98 0.00	40.03 -0.30 0.00	49.14 -0.80 0.00	58.83 -1.41 0.00	71.37 -2.30 0.00	67.91 -2.30 0.00	68.60 -2.72 0.00	72.71 -2.91 -0.98	69.50 -2.24 -9.18	23.93 -0.47 -0.71	332.27 0.18 0.00	66.43 -0.54 0.00	46.52 -0.22 0.00	47.34 -0.55 0.00	44.98 -1.17 0.00	46.75 -1.22 0.00	52.24 -0.81 0.00
HUNTLEY___68 23562	53.90 0.26 0.00	56.12 0.11 0.00	50.39 -0.36 0.00	41.66 -0.99 0.00	35.95 -0.81 0.00	34.84 -0.60 0.00	39.48 -1.03 0.00	43.19 -0.98 0.00	40.03 -0.30 0.00	49.14 -0.80 0.00	58.83 -1.41 0.00	71.37 -2.30 0.00	67.91 -2.30 0.00	68.60 -2.72 0.00	72.71 -2.91 -0.98	69.50 -2.24 -9.18	23.93 -0.47 -0.71	332.27 0.18 0.00	66.43 -0.54 0.00	46.52 -0.22 0.00	47.34 -0.55 0.00	44.98 -1.17 0.00	46.75 -1.22 0.00	52.24 -0.81 0.00

HYLAND___LFGE 323620	55.81 2.17 0.00	57.81 1.80 0.00	52.07 1.32 0.00	43.37 0.72 0.00	37.42 0.66 0.00	36.48 1.04 0.00	41.74 1.22 0.00	45.62 1.45 0.00	41.93 1.61 0.00	50.97 1.03 0.00	59.01 -1.23 0.00	68.02 -5.65 0.00	64.86 -5.35 0.00	65.50 -5.81 0.00	69.07 -6.64 -1.08	67.91 -4.68 -10.05	23.27 -1.21 -0.77	319.82 -12.27 0.00	64.89 -2.08 0.00	46.64 -0.10 0.00	48.06 0.16 0.00	46.19 0.04 0.00	48.07 0.10 0.00	56.23 3.18 0.00
INDECK___CORINTH 23802	55.80 2.16 0.00	58.07 2.06 0.00	52.49 1.74 0.00	44.12 1.47 0.00	38.11 1.34 0.00	37.06 1.62 0.00	42.85 2.34 0.00	46.51 2.34 0.00	42.43 2.11 0.00	52.55 2.61 0.00	63.22 2.99 0.00	77.37 3.71 0.00	74.39 4.18 0.00	75.50 4.18 0.00	83.97 4.93 -4.41	25.95 3.43 40.03	21.85 1.27 3.11	351.85 19.76 0.00	71.90 4.93 0.00	50.05 3.31 0.00	51.38 3.48 0.00	49.10 2.94 0.00	50.41 2.43 0.00	55.08 2.03 0.00
INDECK___ILION 23567	54.02 0.38 0.00	56.31 0.30 0.00	51.10 0.35 0.00	42.98 0.33 0.00	37.12 0.36 0.00	35.99 0.55 0.00	41.23 0.71 0.00	44.89 0.72 0.00	40.83 0.50 0.00	50.64 0.70 0.00	61.02 0.79 0.00	74.54 0.87 0.00	71.48 1.27 0.00	72.73 1.41 0.00	63.22 1.65 13.07	63.31 1.16 0.40	24.03 0.33 0.00	337.29 5.20 0.00	68.67 1.70 0.00	48.11 1.37 0.00	49.34 1.44 0.00	47.54 1.38 0.00	48.93 0.96 0.00	53.67 0.62 0.00
INDECK___OLEAN 23982	53.88 0.24 0.00	56.04 0.03 0.00	50.19 -0.56 0.00	41.59 -1.06 0.00	36.03 -0.73 0.00	35.06 -0.37 0.00	40.04 -0.48 0.00	43.87 -0.30 0.00	40.62 0.29 0.00	50.18 0.24 0.00	59.82 -0.41 0.00	72.37 -1.30 0.00	68.64 -1.57 0.00	69.64 -1.68 0.00	73.52 -2.26 -1.15	71.43 -1.83 -10.72	24.10 -0.43 -0.82	332.11 0.02 0.00	67.03 0.07 0.00	46.91 0.17 0.00	47.81 -0.08 0.00	45.42 -0.73 0.00	47.44 -0.54 0.00	52.43 -0.62 0.00
INDECK___OSWEGO 23783	52.30 -1.34 0.00	55.22 -1.40 -0.61	49.40 -1.35 0.00	41.45 -1.20 0.00	35.75 -1.02 0.00	34.58 -0.86 0.00	39.58 -0.94 0.00	43.22 -0.95 0.00	39.53 -0.80 0.00	48.88 -1.06 0.00	58.95 -1.31 -0.02	76.72 -1.78 -4.84	71.95 -1.51 -3.25	72.03 -1.53 -2.25	48.85 -1.64 24.14	60.46 -1.29 0.79	23.21 -0.48 0.00	326.00 -6.09 0.00	65.83 -1.14 0.00	46.01 -0.73 0.00	47.21 -0.69 0.00	45.39 -0.76 0.00	46.95 -1.02 0.00	51.71 -1.34 0.00
INDECK___YERKES 23781	54.22 0.58 0.00	56.38 0.37 0.00	50.57 -0.18 0.00	41.79 -0.86 0.00	36.06 -0.71 0.00	34.94 -0.50 0.00	39.54 -0.98 0.00	43.28 -0.89 0.00	40.14 -0.19 0.00	49.28 -0.66 0.00	58.87 -1.37 0.00	71.45 -2.21 0.00	67.65 -2.56 0.00	68.38 -2.94 0.00	72.42 -3.18 -0.96	69.15 -2.38 -8.98	23.90 -0.49 -0.69	332.28 0.18 0.00	66.37 -0.60 0.00	46.47 -0.27 0.00	47.23 -0.66 0.00	44.85 -1.30 0.00	46.67 -1.30 0.00	52.20 -0.85 0.00
INDIAN POINT_GT_1 24139	55.00 1.36 0.00	57.17 1.16 0.00	51.76 1.01 0.00	43.52 0.88 0.00	37.69 0.92 0.00	36.76 1.32 0.00	42.12 1.60 0.00	46.10 1.93 0.00	42.11 1.78 0.00	52.40 2.46 0.00	63.58 3.34 0.00	78.14 4.47 0.00	75.61 5.40 0.00	77.86 6.54 0.00	276.13 7.50 -194.00	2080.27 5.54 -2012.18	417.31 1.98 -391.63	571.32 26.43 -212.80	72.50 5.53 0.00	50.20 3.46 0.00	51.33 3.44 0.00	49.25 3.10 0.00	50.47 2.50 0.00	55.23 2.18 0.00
INDIAN POINT_GT_2 23659	55.00 1.36 0.00	57.17 1.16 0.00	51.76 1.01 0.00	43.52 0.88 0.00	37.69 0.92 0.00	36.76 1.32 0.00	42.12 1.60 0.00	46.10 1.93 0.00	42.11 1.78 0.00	52.40 2.46 0.00	63.58 3.34 0.00	78.14 4.47 0.00	75.61 5.40 0.00	77.86 6.54 0.00	276.13 7.50 -194.00	2080.27 5.54 -2012.18	417.31 1.98 -391.63	571.32 26.43 -212.80	72.50 5.53 0.00	50.20 3.46 0.00	51.33 3.44 0.00	49.25 3.10 0.00	50.47 2.50 0.00	55.23 2.18 0.00
INDIAN POINT_GT_3 24019	55.00 1.36 0.00	57.17 1.16 0.00	51.76 1.01 0.00	43.52 0.88 0.00	37.69 0.92 0.00	36.76 1.32 0.00	42.12 1.60 0.00	46.10 1.93 0.00	42.11 1.78 0.00	52.40 2.46 0.00	63.58 3.34 0.00	78.14 4.47 0.00	75.61 5.40 0.00	77.86 6.54 0.00	276.13 7.50 -194.00	2080.27 5.54 -2012.18	417.31 1.98 -391.63	571.32 26.43 -212.80	72.50 5.53 0.00	50.20 3.46 0.00	51.33 3.44 0.00	49.25 3.10 0.00	50.47 2.50 0.00	55.23 2.18 0.00
INDIAN POINT___2 23530	54.94 1.29 0.00	57.11 1.10 0.00	51.68 0.93 0.00	43.47 0.82 0.00	37.64 0.88 0.00	36.71 1.27 0.00	42.05 1.53 0.00	46.03 1.86 0.00	42.05 1.72 0.00	52.32 2.38 0.00	63.51 3.27 0.00	78.02 4.35 0.00	75.47 5.26 0.00	77.71 6.40 0.00	180.00 7.38 -97.99	1024.25 5.45 -956.25	199.43 1.94 -173.79	440.82 25.76 -82.97	72.36 5.39 0.00	50.11 3.37 0.00	51.23 3.34 0.00	49.16 3.01 0.00	50.38 2.41 0.00	55.15 2.10 0.00
INDIAN POINT___3 23531	54.92 1.28 0.00	57.10 1.09 0.00	51.69 0.93 0.00	43.47 0.82 0.00	37.64 0.88 0.00	36.70 1.27 0.00	42.05 1.53 0.00	46.02 1.85 0.00	42.02 1.69 0.00	52.28 2.34 0.00	63.44 3.21 0.00	77.97 4.31 0.00	75.44 5.23 0.00	77.65 6.34 0.00	352.34 7.27 -270.44	3083.07 5.41 -3015.11	658.24 1.92 -632.62	701.69 25.58 -344.02	72.30 5.33 0.00	50.07 3.33 0.00	51.20 3.31 0.00	49.13 2.97 0.00	50.35 2.37 0.00	55.12 2.07 0.00
INGHAM_C_115KV_TB7 356103	54.27 0.63 0.00	56.45 0.44 0.00	51.25 0.50 0.00	43.18 0.53 0.00	37.35 0.59 0.00	36.40 0.96 0.00	41.80 1.28 0.00	45.43 1.26 0.00	41.09 0.76 0.00	51.03 1.09 0.00	61.37 1.13 0.00	74.79 1.12 0.00	72.19 1.98 0.00	73.49 2.18 0.00	64.10 2.53 13.07	63.78 1.64 0.40	24.08 0.39 0.00	338.92 6.83 0.00	69.74 2.77 0.00	49.11 2.37 0.00	50.42 2.52 0.00	48.63 2.48 0.00	49.64 1.67 0.00	54.03 0.98 0.00
IP CORINTH___1 23988	56.11 2.46 0.00	58.38 2.37 0.00	52.79 2.04 0.00	44.37 1.72 0.00	38.32 1.56 0.00	37.27 1.83 0.00	43.09 2.57 0.00	46.76 2.59 0.00	42.67 2.34 0.00	52.85 2.91 0.00	63.57 3.34 0.00	77.80 4.13 0.00	74.78 4.57 0.00	75.89 4.58 0.00	84.40 5.36 -4.41	26.34 3.82 40.03	21.99 1.40 3.11	353.84 21.74 0.00	72.30 5.33 0.00	50.32 3.58 0.00	51.65 3.76 0.00	49.36 3.21 0.00	50.67 2.70 0.00	55.38 2.33 0.00
IP___TICONDEROGA 23804	58.54 4.90 0.00	60.86 4.85 0.00	54.73 3.98 0.00	45.95 3.30 0.00	39.79 3.03 0.00	38.76 3.33 0.00	45.94 5.43 0.00	49.22 5.05 0.00	45.01 4.68 0.00	55.41 5.47 0.00	67.24 7.01 0.00	81.82 8.16 0.00	78.75 8.55 0.00	79.92 8.61 0.00	89.04 9.64 -4.77	29.00 6.70 40.24	22.90 2.33 3.13	366.08 33.99 0.00	74.69 7.72 0.00	52.07 5.33 0.00	53.92 6.02 0.00	51.34 5.19 0.00	52.57 4.60 0.00	57.30 4.24 0.00
ISLIP_RES_REC 323679	55.60 1.95 0.00	57.55 1.54 0.00	52.10 1.35 0.00	43.46 0.81 0.00	37.73 0.97 0.00	36.96 1.52 0.00	42.37 1.85 0.00	46.70 2.53 0.00	42.77 2.45 0.00	53.54 3.60 0.00	66.25 5.72 -0.29	81.19 6.19 -1.33	85.62 7.00 -8.40	88.25 8.56 -8.38	114.40 10.01 -29.76	1664.22 4.56 -1597.11	525.03 2.18 -499.15	963.47 36.95 -594.43	88.74 7.89 -13.88	50.37 4.24 0.61	51.90 4.00 0.00	49.59 3.43 0.00	50.80 2.82 0.00	55.57 2.52 0.00

JAMAICA__27_KV_LOAD 355505	55.85 2.21 0.00	57.85 1.84 0.00	52.42 1.66 0.00	44.12 1.47 0.00	38.22 1.46 0.00	37.32 1.88 0.00	42.81 2.29 0.00	47.02 2.85 0.00	42.97 2.64 0.00	53.43 3.49 0.00	64.65 4.42 0.00	79.67 6.00 0.00	77.27 7.06 0.00	79.60 8.27 -0.01	301.36 9.30 -217.43	2472.54 7.01 -2402.98	524.17 2.44 -498.04	641.66 32.63 -276.94	74.69 7.02 -0.70	51.69 4.50 -0.45	52.40 4.51 0.00	50.40 4.25 0.00	51.58 3.60 0.00	56.22 3.17 0.00
JANIS__SOLAR 323808	56.30 2.66 0.00	58.68 2.56 -0.11	52.79 2.04 0.00	44.36 1.72 0.00	38.44 1.68 0.00	37.22 1.78 0.00	42.85 2.33 0.00	46.75 2.58 0.00	42.77 2.44 0.00	53.01 3.07 0.00	63.36 3.12 0.00	77.60 2.94 -1.00	74.15 3.27 -0.67	76.12 4.34 -0.46	79.69 2.97 -2.08	80.75 2.11 -16.09	25.86 0.92 -1.24	348.88 16.78 0.00	71.13 4.17 0.00	50.19 3.45 0.00	51.47 3.58 0.00	49.32 3.17 0.00	50.85 2.88 0.00	55.83 2.78 0.00
JARVIS____ 23743	53.68 0.04 0.00	56.04 0.03 0.00	50.80 0.05 0.00	42.72 0.07 0.00	36.84 0.08 0.00	35.62 0.18 0.00	40.74 0.22 0.00	44.39 0.23 0.00	40.51 0.18 0.00	50.20 0.26 0.00	60.60 0.36 0.00	74.11 0.45 0.00	70.77 0.56 0.00	72.03 0.72 0.00	62.42 0.85 13.07	62.80 0.66 0.40	23.91 0.21 0.00	334.85 2.76 0.00	67.64 0.67 0.00	47.19 0.45 0.00	48.37 0.48 0.00	46.60 0.45 0.00	48.26 0.29 0.00	53.21 0.16 0.00
JENNISON____1 23625	56.14 2.50 0.00	58.47 2.39 -0.06	52.84 2.09 0.00	44.76 2.11 0.00	38.75 1.99 0.00	37.39 1.96 0.00	43.27 2.75 0.00	47.45 3.28 0.00	43.48 3.15 0.00	53.62 3.68 0.00	63.66 3.42 0.00	78.13 3.75 -0.72	74.69 4.00 -0.48	76.27 4.62 -0.33	81.55 3.72 -3.20	89.50 3.40 -23.55	26.86 1.30 -1.86	352.15 20.06 0.00	71.49 4.52 0.00	50.28 3.53 0.00	51.31 3.42 0.00	49.22 3.07 0.00	50.66 2.69 0.00	55.73 2.68 0.00
JENNISON____2 23626	56.14 2.50 0.00	58.47 2.39 -0.06	52.84 2.09 0.00	44.76 2.11 0.00	38.75 1.99 0.00	37.39 1.96 0.00	43.27 2.75 0.00	47.45 3.28 0.00	43.48 3.15 0.00	53.62 3.68 0.00	63.66 3.42 0.00	78.13 3.75 -0.72	74.69 4.00 -0.48	76.27 4.62 -0.33	81.55 3.72 -3.20	89.50 3.40 -23.55	26.86 1.30 -1.86	352.15 20.06 0.00	71.49 4.52 0.00	50.28 3.53 0.00	51.31 3.42 0.00	49.22 3.07 0.00	50.66 2.69 0.00	55.73 2.68 0.00
JERICOHO_RISE_WT_PWR 323719	52.96 -0.69 0.00	55.87 -0.14 0.00	50.42 -0.33 0.00	42.28 -0.37 0.00	36.40 -0.36 0.00	34.75 -0.69 0.00	39.87 -0.65 0.00	43.50 -0.67 0.00	39.87 -0.46 0.00	49.31 -0.63 0.00	59.36 -0.88 0.00	72.53 -1.14 0.00	68.49 -1.72 0.00	69.08 -2.24 0.00	12.65 -2.52 59.46	58.56 -2.23 1.76	22.93 -0.76 0.00	322.89 -9.19 0.00	64.95 -2.02 0.00	45.44 -1.30 0.00	46.59 -1.31 0.00	45.04 -1.11 0.00	47.51 -0.46 0.00	53.11 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	55.28 1.64 0.00	57.47 1.46 0.00	52.03 1.27 0.00	43.75 1.09 0.00	37.87 1.11 0.00	36.92 1.49 0.00	42.31 1.80 0.00	46.33 2.16 0.00	42.34 2.01 0.00	52.71 2.77 0.00	63.99 3.76 0.00	78.72 5.05 0.00	76.24 6.03 0.00	78.49 7.18 0.00	102.37 8.15 -19.60	140.43 6.11 -71.78	43.78 2.17 -17.91	371.85 29.19 -10.56	73.10 6.13 0.00	50.62 3.88 0.00	51.73 3.84 0.00	49.60 3.45 0.00	50.81 2.83 0.00	55.53 2.48 0.00
KCE_NY_1 323755	56.08 2.44 0.00	58.41 2.40 0.00	52.83 2.08 0.00	44.42 1.77 0.00	38.37 1.60 0.00	37.32 1.88 0.00	42.87 2.35 0.00	46.65 2.48 0.00	42.53 2.20 0.00	52.68 2.74 0.00	63.57 3.34 0.00	77.80 4.14 0.00	74.74 4.53 0.00	76.17 4.85 0.00	85.26 5.35 -5.28	26.04 4.03 40.54	22.00 1.46 3.15	354.88 22.79 0.00	71.98 5.01 0.00	50.18 3.44 0.00	51.42 3.52 0.00	49.20 3.05 0.00	50.61 2.64 0.00	55.39 2.34 0.00
KCE_NY_6_ESR 323823	54.51 0.87 0.00	56.71 0.70 0.00	50.84 0.09 0.00	42.05 -0.60 0.00	36.33 -0.44 0.00	35.22 -0.22 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.54 0.21 0.00	49.86 -0.08 0.00	59.68 -0.55 0.00	72.58 -1.09 0.00	69.06 -1.15 0.00	69.87 -1.44 0.00	73.88 -1.78 -1.03	70.96 -1.17 -9.58	24.35 -0.09 -0.74	337.56 5.47 0.00	67.72 0.75 0.00	47.36 0.62 0.00	48.17 0.27 0.00	45.75 -0.40 0.00	47.50 -0.48 0.00	52.99 -0.06 0.00
KEDC_PORT_JEFF_GT2 24210	55.05 1.41 0.00	57.03 1.02 0.00	51.65 0.90 0.00	43.11 0.46 0.00	37.42 0.66 0.00	36.66 1.22 0.00	42.01 1.49 0.00	46.25 2.08 0.00	42.31 1.98 0.00	52.94 3.00 0.00	65.53 5.00 -0.29	79.28 5.20 -0.41	79.30 5.63 -3.45	82.25 7.06 -3.87	111.93 8.43 -28.86	1658.36 3.70 -1592.11	523.31 1.80 -497.81	1026.32 29.10 -665.12	87.83 6.40 -14.45	49.39 3.26 0.61	50.90 3.01 0.00	48.69 2.54 0.00	50.13 2.16 0.00	54.95 1.91 0.00
KEDC_PORT_JEFF_GT3 24211	55.05 1.41 0.00	57.03 1.02 0.00	51.65 0.90 0.00	43.11 0.46 0.00	37.42 0.66 0.00	36.66 1.22 0.00	42.01 1.49 0.00	46.25 2.08 0.00	42.31 1.98 0.00	52.94 3.00 0.00	65.53 5.00 -0.29	79.28 5.20 -0.41	79.30 5.63 -3.45	82.25 7.06 -3.87	111.93 8.43 -28.86	1658.36 3.70 -1592.11	523.31 1.80 -497.81	1026.32 29.10 -665.12	87.83 6.40 -14.45	49.39 3.26 0.61	50.90 3.01 0.00	48.69 2.54 0.00	50.13 2.16 0.00	54.95 1.91 0.00
KEDC_GLWD_GT4 24219	55.59 1.95 0.00	57.67 1.66 0.00	52.21 1.46 0.00	43.80 1.15 0.00	37.97 1.20 0.00	37.09 1.65 0.00	42.49 1.98 0.00	46.64 2.47 0.00	42.66 2.33 0.00	53.17 3.23 0.00	64.86 4.34 -0.29	80.08 5.35 -1.06	80.33 6.38 -3.74	83.47 7.70 -4.46	207.33 8.90 -123.80	2085.95 6.15 -2017.25	578.62 2.33 -552.59	622.38 30.34 -259.95	73.44 6.47 0.00	50.63 3.93 0.04	51.73 3.83 0.00	49.55 3.40 0.00	50.65 2.68 0.00	55.40 2.34 0.00
KEDC_GLWD_GT5 24220	55.59 1.95 0.00	57.67 1.66 0.00	52.21 1.46 0.00	43.80 1.15 0.00	37.97 1.20 0.00	37.09 1.65 0.00	42.49 1.98 0.00	46.64 2.47 0.00	42.66 2.33 0.00	53.17 3.23 0.00	64.86 4.34 -0.29	80.08 5.35 -1.06	80.33 6.38 -3.74	83.47 7.70 -4.46	207.33 8.90 -123.80	2085.95 6.15 -2017.25	578.62 2.33 -552.59	622.38 30.34 -259.95	73.44 6.47 0.00	50.63 3.93 0.04	51.73 3.83 0.00	49.55 3.40 0.00	50.65 2.68 0.00	55.40 2.34 0.00
KENSICO____ 23655	55.16 1.52 0.00	57.32 1.31 0.00	51.91 1.16 0.00	43.65 1.00 0.00	37.80 1.04 0.00	36.89 1.45 0.00	42.26 1.74 0.00	46.29 2.12 0.00	42.29 1.96 0.00	52.62 2.68 0.00	63.85 3.62 0.00	78.49 4.82 0.00	75.96 5.75 0.00	78.21 6.90 0.00	300.80 7.86 -218.31	2436.92 5.81 -2368.55	510.09 2.07 -484.33	621.26 27.76 -261.41	72.82 5.85 0.00	50.39 3.65 0.00	51.53 3.63 0.00	49.44 3.29 0.00	50.66 2.69 0.00	55.40 2.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.75 2.11 0.00	57.91 1.90 0.00	52.35 1.60 0.00	44.00 1.36 0.00	38.06 1.30 0.00	37.05 1.61 0.00	42.45 1.93 0.00	46.48 2.31 0.00	42.44 2.12 0.00	52.86 2.92 0.00	64.14 3.90 0.00	78.76 5.10 0.00	76.32 6.11 0.00	78.70 7.39 0.00	102.02 8.19 -19.20	177.64 6.70 -108.39	35.42 2.37 -9.35	364.28 32.27 0.09	73.84 6.87 0.00	51.26 4.52 0.00	52.33 4.44 0.00	50.11 3.96 0.00	51.28 3.31 0.00	56.02 2.97 0.00

KIAC_JFK_GT1 23816	55.27 1.63 0.00	57.25 1.24 0.00	51.88 1.13 0.00	43.69 1.04 0.00	37.85 1.09 0.00	36.95 1.52 0.00	42.38 1.86 0.00	46.54 2.37 0.00	42.54 2.21 0.00	52.92 2.98 0.00	64.01 3.78 0.00	78.87 5.20 0.00	76.50 6.29 0.00	78.77 7.44 -0.01	300.49 8.43 -217.43	2471.77 6.24 -2402.98	523.89 2.15 -498.04	637.62 28.59 -276.94	73.89 6.22 -0.70	51.12 3.93 -0.45	51.83 3.93 0.00	49.86 3.70 0.00	51.03 3.06 0.00	55.62 2.57 0.00
KIAC_JFK_GT2 23817	55.27 1.63 0.00	57.25 1.24 0.00	51.88 1.13 0.00	43.69 1.04 0.00	37.85 1.09 0.00	36.95 1.52 0.00	42.38 1.86 0.00	46.54 2.37 0.00	42.54 2.21 0.00	52.92 2.98 0.00	64.01 3.78 0.00	78.87 5.20 0.00	76.50 6.29 0.00	78.77 7.44 -0.01	300.49 8.43 -217.43	2471.77 6.24 -2402.98	523.89 2.15 -498.04	637.62 28.59 -276.94	73.89 6.22 -0.70	51.12 3.93 -0.45	51.83 3.93 0.00	49.86 3.70 0.00	51.03 3.06 0.00	55.62 2.57 0.00
KIAC_JFK____ 323774	55.26 1.62 0.00	57.25 1.24 0.00	51.88 1.13 0.00	43.68 1.04 0.00	37.85 1.09 0.00	36.95 1.52 0.00	42.39 1.87 0.00	46.54 2.37 0.00	42.54 2.21 0.00	52.91 2.98 0.00	64.03 3.80 0.00	78.87 5.21 0.00	76.50 6.29 0.00	78.76 7.43 -0.01	300.50 8.44 -217.43	2471.77 6.24 -2402.98	523.89 2.16 -498.04	637.57 28.54 -276.94	73.88 6.22 -0.70	51.12 3.93 -0.45	51.83 3.94 0.00	49.86 3.70 0.00	51.03 3.06 0.00	55.62 2.57 0.00
KINTIGH__24_KV_GSU 356498	53.97 0.33 0.00	56.21 0.20 0.00	50.54 -0.20 0.00	41.90 -0.75 0.00	36.14 -0.62 0.00	35.02 -0.42 0.00	39.73 -0.79 0.00	43.47 -0.70 0.00	40.19 -0.14 0.00	49.39 -0.55 0.00	59.06 -1.18 0.00	71.77 -1.90 0.00	68.28 -1.94 0.00	69.05 -2.27 0.00	73.01 -2.46 -0.84	68.60 -1.78 -7.84	23.73 -0.57 -0.60	329.85 -2.25 0.00	65.98 -0.99 0.00	46.21 -0.53 0.00	47.31 -0.59 0.00	45.15 -0.99 0.00	46.91 -1.06 0.00	52.30 -0.75 0.00
KINTIGH____ 23543	53.92 0.28 0.00	56.17 0.16 0.00	50.51 -0.24 0.00	41.85 -0.80 0.00	36.12 -0.65 0.00	34.98 -0.45 0.00	39.70 -0.82 0.00	43.44 -0.73 0.00	40.16 -0.17 0.00	49.35 -0.59 0.00	59.05 -1.18 0.00	71.71 -1.96 0.00	68.22 -1.99 0.00	68.95 -2.37 0.00	73.01 -2.46 -0.84	68.51 -1.87 -7.84	23.75 -0.55 -0.60	330.13 -1.96 0.00	66.00 -0.97 0.00	46.25 -0.49 0.00	47.31 -0.59 0.00	45.12 -1.03 0.00	46.87 -1.10 0.00	52.26 -0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	53.63 -0.01 0.00	56.58 0.57 0.00	51.10 0.35 0.00	42.83 0.18 0.00	36.91 0.15 0.00	35.29 -0.15 0.00	40.46 -0.06 0.00	44.16 -0.01 0.00	40.49 0.16 0.00	50.09 0.15 0.00	60.20 -0.03 0.00	73.29 -0.38 0.00	69.36 -0.85 0.00	70.14 -1.17 0.00	59.14 -1.64 13.86	60.43 -1.74 0.38	23.13 -0.57 0.00	326.99 -5.10 0.00	65.99 -0.97 0.00	46.18 -0.56 0.00	47.33 -0.56 0.00	45.65 -0.50 0.00	48.04 0.07 0.00	53.65 0.60 0.00
LACHUTE____HYDRO 323717	58.54 4.89 0.00	60.86 4.85 0.00	54.73 3.98 0.00	45.95 3.30 0.00	39.79 3.03 0.00	38.76 3.33 0.00	45.94 5.43 0.00	49.23 5.05 0.00	45.01 4.68 0.00	55.41 5.48 0.00	67.24 7.01 0.00	81.82 8.16 0.00	78.75 8.54 0.00	79.92 8.60 0.00	89.03 9.63 -4.77	28.97 6.67 40.24	22.91 2.33 3.13	366.08 33.99 0.00	74.69 7.72 0.00	52.07 5.33 0.00	53.92 6.02 0.00	51.34 5.19 0.00	52.57 4.60 0.00	57.30 4.24 0.00
LAWRNCV_115KV_TB1 80681	54.26 0.61 0.00	56.88 0.87 0.00	51.49 0.74 0.00	43.26 0.61 0.00	37.21 0.45 0.00	35.41 -0.03 0.00	40.50 -0.01 0.00	44.27 0.10 0.00	40.62 0.29 0.00	50.15 0.21 0.00	59.49 -0.75 0.00	72.17 -1.49 0.00	67.70 -2.51 0.00	68.07 -3.24 0.00	-619.56 -4.91 689.29	37.63 -4.09 20.83	22.27 -1.43 0.00	313.25 -18.84 0.00	63.14 -3.83 0.00	44.45 -2.29 0.00	45.78 -2.12 0.00	44.41 -1.74 0.00	47.67 -0.31 0.00	53.39 0.34 0.00
LEDERLE____ 23769	55.28 1.64 0.00	57.44 1.43 0.00	51.95 1.20 0.00	43.68 1.03 0.00	37.81 1.04 0.00	36.86 1.43 0.00	42.24 1.72 0.00	46.24 2.07 0.00	42.25 1.92 0.00	52.62 2.69 0.00	63.91 3.68 0.00	78.60 4.94 0.00	76.05 5.84 0.00	78.32 7.00 0.00	84.34 8.01 -1.71	-145.29 6.07 213.91	-64.20 2.17 90.07	295.08 29.09 66.10	72.93 5.96 0.00	50.46 3.72 0.00	51.59 3.69 0.00	49.47 3.32 0.00	50.67 2.70 0.00	55.50 2.45 0.00
LIGHTHSE_115KV_TB6 355974	53.77 0.12 0.00	56.58 0.27 -0.30	50.87 0.12 0.00	42.67 0.03 0.00	36.71 -0.06 0.00	35.46 0.02 0.00	40.69 0.17 0.00	44.65 0.48 0.00	41.00 0.67 0.00	50.69 0.75 0.00	61.05 0.80 -0.01	76.68 0.58 -2.43	72.36 0.52 -1.63	72.69 0.25 -1.13	15.69 0.21 59.15	60.89 0.20 1.86	23.75 0.05 0.00	333.16 1.08 0.00	67.50 0.53 0.00	47.46 0.72 0.00	48.98 1.09 0.00	47.25 1.10 0.00	48.94 0.97 0.00	53.83 0.77 0.00
LINDEN COGEN____ 23786	54.90 1.26 0.00	57.00 0.99 0.00	51.70 0.95 0.00	43.53 0.89 0.00	37.74 0.98 0.00	36.85 1.41 0.00	42.22 1.70 0.00	46.32 2.15 0.00	42.35 2.02 0.00	52.69 2.75 0.00	63.80 3.56 0.00	78.42 4.75 0.00	75.99 5.78 0.00	77.75 6.96 0.52	89.80 7.97 -7.21	725.50 5.68 -657.28	257.43 1.99 -231.74	356.80 26.33 1.62	72.79 5.82 0.00	50.39 3.65 0.00	51.53 3.63 0.00	49.51 3.36 0.00	50.72 2.75 0.00	55.44 2.39 0.00
LINDHRST_69_KV_BK1 356055	55.86 2.22 0.00	57.86 1.85 0.00	52.37 1.62 0.00	43.75 1.10 0.00	37.96 1.19 0.00	37.16 1.72 0.00	42.55 2.04 0.00	46.85 2.68 0.00	42.80 2.47 0.00	53.44 3.50 0.00	65.85 5.32 -0.29	80.92 5.84 -1.41	84.74 6.77 -7.76	87.45 8.24 -7.90	127.46 9.67 -43.16	1729.92 5.77 -1661.59	539.15 2.55 -512.90	660.72 34.96 -293.67	78.13 7.55 -3.62	50.52 4.30 0.52	51.92 4.03 0.00	49.66 3.50 0.00	50.83 2.86 0.00	55.61 2.56 0.00
LIPA_MISC_IPP 23656	54.72 1.08 0.00	56.65 0.64 0.00	51.29 0.54 0.00	42.81 0.16 0.00	37.16 0.40 0.00	36.42 0.98 0.00	41.73 1.21 0.00	45.97 1.80 0.00	42.03 1.70 0.00	52.56 2.62 0.00	64.95 4.43 -0.29	78.73 4.65 -0.41	79.14 5.48 -3.44	82.22 7.05 -3.86	111.48 8.45 -28.39	1658.72 3.52 -1592.65	524.22 1.77 -498.76	906.51 30.14 -544.29	84.16 6.67 -10.52	49.58 3.46 0.62	51.05 3.16 0.00	48.82 2.67 0.00	50.04 2.06 0.00	54.79 1.74 0.00
LISF____SOLAR 323691	54.85 1.21 0.00	56.78 0.77 0.00	51.40 0.65 0.00	42.89 0.25 0.00	37.24 0.48 0.00	36.50 1.06 0.00	41.84 1.32 0.00	46.08 1.91 0.00	42.13 1.80 0.00	52.67 2.73 0.00	65.15 4.62 -0.29	78.96 4.80 -0.49	79.80 5.69 -3.90	82.82 7.23 -4.27	111.85 8.66 -28.56	1659.23 3.67 -1593.01	524.17 1.76 -498.71	923.97 31.30 -560.58	85.01 6.83 -11.21	49.68 3.56 0.62	51.21 3.32 0.00	48.97 2.82 0.00	50.19 2.22 0.00	54.96 1.91 0.00
LITTLE FALLS____HYD 24013	54.27 0.63 0.00	56.45 0.44 0.00	51.25 0.50 0.00	43.18 0.53 0.00	37.35 0.59 0.00	36.40 0.96 0.00	41.80 1.28 0.00	45.43 1.26 0.00	41.09 0.76 0.00	51.03 1.09 0.00	61.37 1.13 0.00	74.79 1.12 0.00	72.19 1.98 0.00	73.49 2.18 0.00	64.10 2.53 13.07	63.78 1.64 0.40	24.08 0.39 0.00	338.92 6.83 0.00	69.74 2.77 0.00	49.11 2.37 0.00	50.42 2.52 0.00	48.63 2.48 0.00	49.64 1.67 0.00	54.03 0.98 0.00

LITTLRIV_115KV_TB1 356100	55.45 1.81 0.00	58.06 2.05 0.00	52.54 1.79 0.00	44.13 1.48 0.00	37.97 1.20 0.00	36.12 0.68 0.00	41.33 0.81 0.00	45.19 1.02 0.00	41.47 1.14 0.00	51.16 1.22 0.00	60.54 0.31 0.00	73.13 -0.54 0.00	68.36 -1.85 0.00	68.64 -2.67 0.00	-587.74 -4.32 658.05	38.95 -3.73 19.87	22.40 -1.30 0.00	315.43 -16.66 0.00	63.83 -3.15 0.00	45.19 -1.55 0.00	46.75 -1.15 0.00	45.36 -0.79 0.00	48.63 0.65 0.00	54.45 1.40 0.00
LI_NEWBRDGE___DRP 323616	54.98 1.34 0.00	56.99 0.98 0.00	51.62 0.87 0.00	43.22 0.57 0.00	37.50 0.74 0.00	36.68 1.25 0.00	41.99 1.47 0.00	46.10 1.93 0.00	42.11 1.78 0.00	52.56 2.62 0.00	64.54 4.02 -0.29	77.17 4.48 0.97	72.28 5.48 3.41	75.73 6.86 2.45	102.31 8.09 -19.59	1620.75 4.91 -1553.29	518.03 2.08 -492.25	588.27 26.86 -229.32	71.72 5.94 1.19	49.32 3.35 0.77	51.06 3.16 0.00	48.88 2.73 0.00	50.03 2.06 0.00	54.75 1.70 0.00
LOCKPORT_115KV_TB60_63_64 80432	53.81 0.16 0.00	55.99 -0.02 0.00	50.29 -0.46 0.00	41.55 -1.10 0.00	35.85 -0.91 0.00	34.73 -0.71 0.00	39.21 -1.31 0.00	42.89 -1.28 0.00	39.76 -0.57 0.00	48.75 -1.20 0.00	58.27 -1.96 0.00	70.57 -3.09 0.00	66.95 -3.26 0.00	67.55 -3.76 0.00	71.65 -3.90 -0.92	68.01 -3.13 -8.58	23.63 -0.73 -0.66	328.98 -3.11 0.00	65.55 -1.42 0.00	45.97 -0.77 0.00	46.80 -1.10 0.00	44.46 -1.69 0.00	46.27 -1.70 0.00	51.88 -1.17 0.00
LOCKPORT___CC1 323769	53.55 -0.09 0.00	55.74 -0.27 0.00	50.05 -0.69 0.00	41.37 -1.28 0.00	35.69 -1.07 0.00	34.57 -0.86 0.00	39.05 -1.47 0.00	42.72 -1.45 0.00	39.60 -0.73 0.00	48.55 -1.39 0.00	57.98 -2.26 0.00	70.29 -3.38 0.00	66.69 -3.52 0.00	67.33 -3.98 0.00	71.27 -4.29 -0.93	67.92 -3.29 -8.66	23.53 -0.84 -0.67	327.39 -4.71 0.00	65.33 -1.63 0.00	45.77 -0.97 0.00	46.58 -1.31 0.00	44.28 -1.87 0.00	46.09 -1.88 0.00	51.68 -1.37 0.00
LOCKPORT___CC2 323770	53.55 -0.09 0.00	55.74 -0.27 0.00	50.05 -0.69 0.00	41.37 -1.28 0.00	35.69 -1.07 0.00	34.57 -0.86 0.00	39.05 -1.47 0.00	42.72 -1.45 0.00	39.60 -0.73 0.00	48.55 -1.39 0.00	57.98 -2.26 0.00	70.29 -3.38 0.00	66.69 -3.52 0.00	67.33 -3.98 0.00	71.27 -4.29 -0.93	67.92 -3.29 -8.66	23.53 -0.84 -0.67	327.39 -4.71 0.00	65.33 -1.63 0.00	45.77 -0.97 0.00	46.58 -1.31 0.00	44.28 -1.87 0.00	46.09 -1.88 0.00	51.68 -1.37 0.00
LOCKPORT___CC3 323771	53.55 -0.09 0.00	55.74 -0.27 0.00	50.05 -0.69 0.00	41.37 -1.28 0.00	35.69 -1.07 0.00	34.57 -0.86 0.00	39.05 -1.47 0.00	42.72 -1.45 0.00	39.60 -0.73 0.00	48.55 -1.39 0.00	57.98 -2.26 0.00	70.29 -3.38 0.00	66.69 -3.52 0.00	67.33 -3.98 0.00	71.27 -4.29 -0.93	67.92 -3.29 -8.66	23.53 -0.84 -0.67	327.39 -4.71 0.00	65.33 -1.63 0.00	45.77 -0.97 0.00	46.58 -1.31 0.00	44.28 -1.87 0.00	46.09 -1.88 0.00	51.68 -1.37 0.00
LOCUSVLY_69_KV_BK2 55797	55.71 2.07 0.00	57.74 1.73 0.00	52.27 1.52 0.00	43.78 1.13 0.00	37.95 1.19 0.00	37.11 1.67 0.00	42.49 1.97 0.00	46.67 2.50 0.00	42.69 2.36 0.00	53.31 3.37 0.00	65.39 4.87 -0.29	80.04 5.69 -0.68	79.41 6.81 -2.39	82.71 8.24 -3.15	182.16 9.56 -97.97	1966.21 6.51 -1897.15	563.63 2.57 -537.36	615.83 32.66 -251.08	73.66 7.04 0.35	50.70 4.21 0.26	51.94 4.04 0.00	49.72 3.57 0.00	50.83 2.86 0.00	55.60 2.55 0.00
LONG_LAKE_PHOENIX 24014	53.14 -0.50 0.00	55.87 -0.61 -0.46	50.07 -0.68 0.00	42.01 -0.64 0.00	36.24 -0.53 0.00	35.07 -0.36 0.00	40.14 -0.38 0.00	43.82 -0.34 0.00	40.10 -0.23 0.00	49.60 -0.34 0.00	59.84 -0.41 -0.02	76.62 -0.73 -3.68	72.25 -0.43 -2.47	72.55 -0.47 -1.71	55.28 -0.50 18.85	61.60 -0.33 0.62	23.58 -0.12 0.00	331.65 -0.44 0.00	66.97 0.00 0.00	46.72 -0.02 0.00	47.89 0.00 0.00	46.00 -0.15 0.00	47.54 -0.43 0.00	52.37 -0.68 0.00
LOVETT___3 23632	54.84 1.19 0.00	56.99 0.98 0.00	51.58 0.83 0.00	43.38 0.73 0.00	37.56 0.80 0.00	36.63 1.19 0.00	41.95 1.43 0.00	45.90 1.73 0.00	41.91 1.58 0.00	52.15 2.21 0.00	63.30 3.07 0.00	77.79 4.13 0.00	75.25 5.04 0.00	77.46 6.15 0.00	69.02 7.11 12.72	-316.55 5.29 384.39	-102.32 1.88 127.90	269.52 24.96 87.53	72.15 5.18 0.00	49.94 3.20 0.00	51.07 3.18 0.00	49.02 2.87 0.00	50.24 2.27 0.00	55.03 1.97 0.00
LOVETT___4 23642	54.84 1.19 0.00	56.99 0.98 0.00	51.58 0.83 0.00	43.38 0.73 0.00	37.56 0.80 0.00	36.63 1.19 0.00	41.95 1.43 0.00	45.90 1.73 0.00	41.91 1.58 0.00	52.15 2.21 0.00	63.30 3.07 0.00	77.79 4.13 0.00	75.25 5.04 0.00	77.46 6.15 0.00	69.02 7.11 12.72	-316.55 5.29 384.39	-102.32 1.88 127.90	269.52 24.96 87.53	72.15 5.18 0.00	49.94 3.20 0.00	51.07 3.18 0.00	49.02 2.87 0.00	50.24 2.27 0.00	55.03 1.97 0.00
LOVETT___5 23593	54.84 1.19 0.00	56.99 0.98 0.00	51.58 0.83 0.00	43.38 0.73 0.00	37.56 0.80 0.00	36.63 1.19 0.00	41.95 1.43 0.00	45.90 1.73 0.00	41.91 1.58 0.00	52.15 2.21 0.00	63.30 3.07 0.00	77.79 4.13 0.00	75.25 5.04 0.00	77.46 6.15 0.00	69.02 7.11 12.72	-316.55 5.29 384.39	-102.32 1.88 127.90	269.52 24.96 87.53	72.15 5.18 0.00	49.94 3.20 0.00	51.07 3.18 0.00	49.02 2.87 0.00	50.24 2.27 0.00	55.03 1.97 0.00
LOWER RAQUET___HYD 24057	54.28 0.64 0.00	56.96 0.92 -0.04	51.52 0.77 0.00	43.27 0.62 0.00	37.22 0.46 0.00	35.42 -0.02 0.00	40.53 0.02 0.00	44.32 0.15 0.00	40.68 0.36 0.00	50.18 0.24 0.00	59.40 -0.84 0.00	72.26 -1.71 -0.31	67.62 -2.79 -0.21	67.90 -3.56 -0.14	-559.11 -5.16 628.57	39.24 -4.34 18.97	22.17 -1.53 0.00	311.92 -20.17 0.00	62.92 -4.05 0.00	44.35 -2.39 0.00	45.72 -2.17 0.00	44.39 -1.77 0.00	47.65 -0.32 0.00	53.40 0.35 0.00
LOWER___HUDSON 24059	55.05 1.41 0.00	57.39 1.38 0.00	52.00 1.25 0.00	43.77 1.12 0.00	37.78 1.02 0.00	36.78 1.34 0.00	42.12 1.60 0.00	45.79 1.62 0.00	41.68 1.35 0.00	51.58 1.64 0.00	62.31 2.08 0.00	76.53 2.87 0.00	73.66 3.45 0.00	75.15 3.83 0.00	91.06 4.26 -12.17	26.13 3.12 39.54	21.78 1.10 3.02	348.60 16.51 0.00	70.50 3.53 0.00	49.09 2.35 0.00	50.33 2.43 0.00	48.29 2.14 0.00	49.62 1.65 0.00	54.33 1.28 0.00
LOWVILLE_115KV_TB2 356335	54.51 0.86 0.00	57.48 1.38 -0.09	52.15 1.40 0.00	43.73 1.08 0.00	37.48 0.72 0.00	36.00 0.56 0.00	41.47 0.95 0.00	45.70 1.52 0.00	42.30 1.97 0.00	52.28 2.34 0.00	62.79 2.55 0.00	76.81 2.42 -0.72	72.02 1.33 -0.48	72.60 0.95 -0.33	-97.64 1.20 173.48	58.38 1.22 5.39	24.20 0.50 0.00	338.85 6.76 0.00	68.98 2.01 0.00	48.76 2.02 0.00	50.61 2.72 0.00	48.83 2.68 0.00	50.91 2.94 0.00	56.04 2.99 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	56.05 2.40 0.00	58.38 2.37 0.00	52.84 2.09 0.00	44.43 1.78 0.00	38.36 1.60 0.00	37.30 1.86 0.00	42.84 2.32 0.00	46.60 2.43 0.00	42.46 2.13 0.00	52.61 2.67 0.00	63.49 3.25 0.00	77.71 4.04 0.00	74.66 4.45 0.00	76.02 4.70 0.00	85.20 5.29 -5.28	25.99 3.99 40.54	21.99 1.44 3.15	354.32 22.23 0.00	71.90 4.93 0.00	50.10 3.36 0.00	51.33 3.44 0.00	49.18 3.03 0.00	50.55 2.58 0.00	55.34 2.29 0.00

LUTHERNY_35_KV_BK2 355980	56.08 2.44 0.00	58.41 2.40 0.00	52.83 2.08 0.00	44.42 1.77 0.00	38.36 1.60 0.00	37.32 1.88 0.00	42.87 2.35 0.00	46.65 2.48 0.00	42.53 2.20 0.00	52.68 2.74 0.00	63.57 3.34 0.00	77.80 4.14 0.00	74.74 4.53 0.00	76.17 4.86 0.00	85.27 5.35 -5.28	26.06 4.06 40.54	22.00 1.46 3.15	354.88 22.79 0.00	71.98 5.01 0.00	50.18 3.44 0.00	51.42 3.52 0.00	49.21 3.05 0.00	50.62 2.64 0.00	55.39 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.63 0.00	35.75 0.31 0.00	41.02 0.50 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.26 1.32 0.00	61.17 0.94 0.00	74.70 0.42 -0.62	70.07 -0.56 -0.41	70.42 -1.18 -0.29	-341.69 -1.88 414.44	48.19 -1.51 12.85	23.17 -0.53 0.00	325.23 -6.86 0.00	65.95 -1.02 0.00	46.62 -0.12 0.00	48.29 0.39 0.00	46.72 0.57 0.00	49.37 1.40 0.00	54.77 1.72 0.00
LYONS_FALL_HYD 23570	54.85 1.21 0.00	57.60 1.52 -0.07	52.20 1.45 0.00	43.79 1.14 0.00	37.62 0.86 0.00	36.24 0.81 0.00	41.66 1.14 0.00	45.74 1.57 0.00	42.18 1.85 0.00	52.15 2.21 0.00	62.72 2.49 0.00	76.68 2.50 -0.52	72.21 1.65 -0.35	73.06 1.51 -0.24	-38.76 1.82 115.21	60.63 1.65 3.58	24.30 0.60 0.00	340.98 8.89 0.00	69.32 2.35 0.00	48.76 2.02 0.00	50.36 2.46 0.00	48.54 2.39 0.00	50.49 2.52 0.00	55.56 2.51 0.00
MADISON___COUNTY_LFGE 323628	55.72 2.08 0.00	58.19 2.11 -0.07	52.57 1.82 0.00	44.12 1.47 0.00	38.04 1.27 0.00	36.81 1.37 0.00	42.23 1.71 0.00	46.14 1.97 0.00	42.32 2.00 0.00	52.26 2.32 0.00	62.99 2.75 0.00	76.93 2.71 -0.55	72.70 2.12 -0.37	73.78 2.21 -0.25	40.50 2.45 36.58	63.47 2.06 1.14	24.38 0.68 0.00	343.04 10.95 0.00	69.66 2.69 0.00	48.69 1.95 0.00	49.99 2.10 0.00	48.12 1.97 0.00	50.09 2.12 0.00	55.06 2.01 0.00
MALONE___115KV_TB1 356076	54.07 0.43 0.00	56.90 0.89 0.00	51.35 0.61 0.00	43.08 0.43 0.00	37.08 0.31 0.00	35.38 -0.05 0.00	40.62 0.10 0.00	44.40 0.23 0.00	40.78 0.45 0.00	50.39 0.46 0.00	60.40 0.17 0.00	73.57 -0.09 0.00	69.23 -0.98 0.00	69.77 -1.55 0.00	-129.85 -2.07 202.41	54.61 -1.86 6.08	23.07 -0.63 0.00	325.18 -6.91 0.00	65.57 -1.40 0.00	45.95 -0.79 0.00	47.16 -0.73 0.00	45.63 -0.52 0.00	48.24 0.27 0.00	53.89 0.84 0.00
MAPLEWOD_115KV_TB3 80458	54.60 0.96 0.00	56.94 0.93 0.00	51.67 0.92 0.00	43.51 0.86 0.00	37.54 0.78 0.00	36.53 1.09 0.00	41.81 1.29 0.00	45.48 1.31 0.00	41.40 1.07 0.00	51.27 1.33 0.00	61.92 1.69 0.00	76.04 2.38 0.00	73.22 3.01 0.00	74.73 3.42 0.00	91.02 3.87 -12.52	22.11 3.02 43.45	21.38 1.06 3.38	347.14 15.05 0.00	70.10 3.13 0.00	48.86 2.11 0.00	50.01 2.11 0.00	48.00 1.85 0.00	49.29 1.32 0.00	54.01 0.96 0.00
MAPLE_RIDGE_WT_1 323574	52.80 -0.84 0.00	55.44 -0.57 0.00	50.35 -0.40 0.00	42.35 -0.30 0.00	36.47 -0.29 0.00	34.99 -0.44 0.00	40.03 -0.49 0.00	43.59 -0.58 0.00	39.99 -0.34 0.00	49.65 -0.29 0.00	59.84 -0.40 0.00	73.19 -0.48 0.00	69.43 -0.78 0.00	70.34 -0.98 0.00	89.06 -1.06 -15.49	62.24 -0.79 -0.47	23.44 -0.26 0.00	328.57 -3.52 0.00	66.22 -0.74 0.00	46.31 -0.43 0.00	47.48 -0.42 0.00	45.82 -0.34 0.00	47.81 -0.17 0.00	53.03 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	52.80 -0.84 0.00	55.44 -0.57 0.00	50.35 -0.40 0.00	42.35 -0.30 0.00	36.47 -0.29 0.00	34.99 -0.44 0.00	40.03 -0.49 0.00	43.59 -0.58 0.00	39.99 -0.34 0.00	49.65 -0.29 0.00	59.84 -0.40 0.00	73.19 -0.48 0.00	69.43 -0.78 0.00	70.34 -0.98 0.00	89.06 -1.06 -15.49	62.24 -0.79 -0.47	23.44 -0.26 0.00	328.57 -3.52 0.00	66.22 -0.74 0.00	46.31 -0.43 0.00	47.48 -0.42 0.00	45.82 -0.34 0.00	47.81 -0.17 0.00	53.03 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	52.96 -0.69 0.00	55.87 -0.13 0.00	50.48 -0.27 0.00	42.30 -0.35 0.00	36.44 -0.33 0.00	34.82 -0.62 0.00	39.91 -0.60 0.00	43.54 -0.63 0.00	39.90 -0.43 0.00	49.38 -0.56 0.00	59.42 -0.82 0.00	72.60 -1.07 0.00	68.63 -1.58 0.00	69.27 -2.04 0.00	71.11 -2.35 1.17	60.40 -2.15 0.00	22.96 -0.74 0.00	323.52 -8.57 0.00	65.13 -1.84 0.00	45.55 -1.19 0.00	46.68 -1.22 0.00	45.10 -1.05 0.00	47.54 -0.43 0.00	53.11 0.06 0.00
MARSHVLE_115KV_TB1 80742	57.15 3.51 0.00	59.74 3.72 0.00	54.04 3.29 0.00	45.26 2.61 0.00	39.05 2.29 0.00	37.60 2.17 0.00	42.94 2.42 0.00	46.88 2.71 0.00	42.70 2.37 0.00	53.09 3.15 0.00	63.91 3.68 0.00	77.33 3.67 0.00	73.15 2.94 0.00	73.26 1.95 0.00	78.46 2.42 -1.40	37.33 1.66 26.88	22.19 0.56 2.07	342.86 10.78 0.00	69.90 2.93 0.00	49.74 3.00 0.00	51.10 3.20 0.00	49.43 3.28 0.00	51.37 3.40 0.00	56.78 3.73 0.00
MARSH_HILL_WT_PWR 323713	52.51 -1.13 0.00	54.22 -1.85 -0.06	49.25 -1.50 0.00	41.36 -1.29 0.00	35.60 -1.16 0.00	34.90 -0.54 0.00	39.80 -0.71 0.00	43.48 -0.69 0.00	40.37 0.04 0.00	49.80 -0.14 0.00	59.82 -0.41 0.00	72.59 -1.55 -0.48	69.33 -1.20 -0.32	70.39 -1.14 -0.22	74.49 -1.61 -1.47	73.62 -1.03 -12.10	24.38 -0.25 -0.93	335.01 2.92 0.00	68.28 1.31 0.00	48.15 1.41 0.00	49.42 1.52 0.00	47.28 1.13 0.00	48.90 0.93 0.00	54.16 1.11 0.00
MCINTYRE_115KV_TB2 80467	55.86 2.22 0.00	58.49 2.47 0.00	52.91 2.16 0.00	44.44 1.79 0.00	38.25 1.48 0.00	36.38 0.94 0.00	41.60 1.08 0.00	45.45 1.28 0.00	41.69 1.37 0.00	51.47 1.53 0.00	60.97 0.74 0.00	73.58 -0.09 0.00	68.69 -1.53 0.00	69.04 -2.28 0.00	-634.54 -3.91 705.26	37.76 -3.47 21.32	22.50 -1.20 0.00	317.32 -14.77 0.00	64.18 -2.79 0.00	45.54 -1.20 0.00	47.19 -0.70 0.00	45.76 -0.39 0.00	48.99 1.02 0.00	54.86 1.81 0.00
MECO_____69_KV_BK1 80468	57.76 4.12 0.00	60.22 4.21 0.00	54.45 3.70 0.00	45.67 3.02 0.00	39.42 2.65 0.00	38.11 2.67 0.00	43.59 3.07 0.00	47.53 3.36 0.00	43.04 2.72 0.00	53.67 3.73 0.00	64.49 4.26 0.00	77.62 3.95 0.00	73.64 3.43 0.00	73.82 2.50 0.00	79.13 3.26 -1.23	33.42 2.23 31.36	22.11 0.83 2.42	348.15 16.06 0.00	71.61 4.64 0.00	50.97 4.23 0.00	52.35 4.45 0.00	50.44 4.29 0.00	52.11 4.14 0.00	57.31 4.25 0.00
MENANDS___115KV_TB5 355628	54.05 0.40 0.00	56.39 0.37 0.00	51.22 0.47 0.00	43.15 0.50 0.00	37.22 0.46 0.00	36.25 0.81 0.00	41.47 0.95 0.00	45.10 0.93 0.00	41.02 0.69 0.00	50.78 0.84 0.00	61.30 1.07 0.00	75.38 1.71 0.00	72.56 2.35 0.00	74.14 2.82 0.00	87.89 3.23 -10.03	21.37 2.48 43.66	21.16 0.86 3.40	343.91 11.82 0.00	69.34 2.37 0.00	48.31 1.57 0.00	49.49 1.60 0.00	47.53 1.37 0.00	48.81 0.84 0.00	53.51 0.46 0.00
MG INDUSTRY___DRP 24185	52.92 -0.72 0.00	55.21 -0.80 0.00	50.20 -0.55 0.00	42.29 -0.36 0.00	36.50 -0.26 0.00	35.48 0.04 0.00	40.57 0.05 0.00	44.02 -0.14 0.00	39.95 -0.38 0.00	49.38 -0.56 0.00	59.61 -0.63 0.00	73.26 -0.41 0.00	70.31 0.10 0.00	71.77 0.46 0.00	51.74 0.59 23.49	22.72 0.49 40.31	20.62 0.06 3.14	332.82 0.73 0.00	67.08 0.11 0.00	46.89 0.15 0.00	48.18 0.28 0.00	46.36 0.21 0.00	47.72 -0.26 0.00	52.58 -0.47 0.00

MID___OSWEGATCHIE_HYD 23849	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.63 0.00	35.75 0.31 0.00	41.02 0.50 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.26 1.32 0.00	61.17 0.94 0.00	74.70 0.42 -0.62	70.07 -0.56 -0.41	70.42 -1.18 -0.29	-341.69 -1.88 414.44	48.19 -1.51 12.85	23.17 -0.53 0.00	325.23 -6.86 0.00	65.95 -1.02 0.00	46.62 -0.12 0.00	48.29 0.39 0.00	46.72 0.57 0.00	49.37 1.40 0.00	54.77 1.72 0.00
MID___RAQUETTE_HYD 23851	54.28 0.64 0.00	56.97 0.92 -0.04	51.52 0.77 0.00	43.27 0.62 0.00	37.22 0.46 0.00	35.42 -0.02 0.00	40.53 0.02 0.00	44.31 0.15 0.00	40.68 0.35 0.00	50.18 0.24 0.00	59.40 -0.84 0.00	72.26 -1.71 -0.31	67.62 -2.79 -0.21	67.90 -3.56 -0.14	-559.11 -5.17 628.57	39.24 -4.34 18.97	22.17 -1.53 0.00	311.88 -20.21 0.00	62.92 -4.05 0.00	44.35 -2.39 0.00	45.72 -2.18 0.00	44.39 -1.77 0.00	47.65 -0.32 0.00	53.40 0.35 0.00
MILLIKEN___1 23584	55.02 1.38 0.00	57.39 1.22 -0.16	51.68 0.93 0.00	43.28 0.63 0.00	37.42 0.65 0.00	36.27 0.83 0.00	41.58 1.06 0.00	45.36 1.19 0.00	41.53 1.20 0.00	51.46 1.52 0.00	61.96 1.72 -0.01	76.66 1.68 -1.32	73.19 2.09 -0.88	74.23 2.31 -0.61	78.13 1.74 -1.77	75.99 1.39 -12.05	25.24 0.61 -0.93	342.54 10.46 0.00	69.48 2.51 0.00	48.73 1.99 0.00	49.95 2.05 0.00	47.85 1.70 0.00	49.44 1.47 0.00	54.30 1.25 0.00
MILLIKEN___2 23585	55.02 1.38 0.00	57.39 1.22 -0.16	51.68 0.93 0.00	43.28 0.63 0.00	37.42 0.65 0.00	36.27 0.83 0.00	41.58 1.06 0.00	45.36 1.19 0.00	41.53 1.20 0.00	51.46 1.52 0.00	61.96 1.72 -0.01	76.66 1.68 -1.32	73.19 2.09 -0.88	74.23 2.31 -0.61	78.13 1.74 -1.77	75.99 1.39 -12.05	25.24 0.61 -0.93	342.54 10.46 0.00	69.48 2.51 0.00	48.73 1.99 0.00	49.95 2.05 0.00	47.85 1.70 0.00	49.44 1.47 0.00	54.30 1.25 0.00
MILLIKEN___DIESEL 23629	55.02 1.38 0.00	57.39 1.22 -0.16	51.68 0.93 0.00	43.28 0.63 0.00	37.42 0.65 0.00	36.27 0.83 0.00	41.58 1.06 0.00	45.36 1.19 0.00	41.53 1.20 0.00	51.46 1.52 0.00	61.96 1.72 -0.01	76.66 1.68 -1.32	73.19 2.09 -0.88	74.23 2.31 -0.61	78.13 1.74 -1.77	75.99 1.39 -12.05	25.24 0.61 -0.93	342.54 10.46 0.00	69.48 2.51 0.00	48.73 1.99 0.00	49.95 2.05 0.00	47.85 1.70 0.00	49.44 1.47 0.00	54.30 1.25 0.00
MILLSEAT___LFGE 323607	55.56 1.92 0.00	57.72 1.71 0.00	51.78 1.03 0.00	42.84 0.19 0.00	36.96 0.19 0.00	35.82 0.38 0.00	40.59 0.08 0.00	44.49 0.32 0.00	41.20 0.88 0.00	50.55 0.61 0.00	60.42 0.18 0.00	72.84 -0.83 0.00	68.48 -1.73 0.00	69.20 -2.12 0.00	73.32 -2.19 -0.88	69.30 -1.47 -8.23	24.11 -0.22 -0.63	336.42 4.33 0.00	67.18 0.21 0.00	47.08 0.34 0.00	48.04 0.15 0.00	45.77 -0.39 0.00	47.95 -0.02 0.00	53.48 0.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	55.03 1.39 0.00	57.21 1.20 0.00	51.80 1.05 0.00	43.57 0.92 0.00	37.72 0.96 0.00	36.80 1.36 0.00	42.16 1.64 0.00	46.15 1.98 0.00	42.15 1.83 0.00	52.45 2.52 0.00	63.64 3.40 0.00	78.21 4.54 0.00	75.69 5.48 0.00	77.92 6.60 0.00	297.65 7.55 -215.46	2364.77 5.60 -2296.62	486.39 1.99 -460.70	608.99 26.58 -250.32	72.56 5.58 0.00	50.24 3.50 0.00	51.36 3.46 0.00	49.30 3.14 0.00	50.50 2.53 0.00	55.26 2.21 0.00
MILLWOOD_13_KV_LOAD 356217	55.16 1.51 0.00	57.32 1.31 0.00	51.89 1.14 0.00	43.64 1.00 0.00	37.79 1.03 0.00	36.86 1.42 0.00	42.24 1.72 0.00	46.24 2.07 0.00	42.24 1.91 0.00	52.56 2.62 0.00	63.79 3.55 0.00	78.42 4.76 0.00	75.89 5.68 0.00	78.14 6.83 0.00	297.90 7.81 -215.46	2365.00 5.83 -2296.62	486.48 2.08 -460.70	610.22 27.81 -250.32	72.80 5.83 0.00	50.39 3.65 0.00	51.52 3.63 0.00	49.44 3.29 0.00	50.64 2.67 0.00	55.40 2.34 0.00
MODEL_CITY_ENERGY 24167	53.40 -0.24 0.00	55.61 -0.40 0.00	49.95 -0.80 0.00	41.29 -1.36 0.00	35.62 -1.14 0.00	34.50 -0.94 0.00	38.89 -1.63 0.00	42.52 -1.65 0.00	39.40 -0.93 0.00	48.30 -1.64 0.00	57.65 -2.59 0.00	69.96 -3.71 0.00	66.41 -3.80 0.00	67.04 -4.28 0.00	71.00 -4.56 -0.93	67.74 -3.55 -8.74	23.47 -0.90 -0.67	326.28 -5.81 0.00	65.03 -1.93 0.00	45.57 -1.17 0.00	46.37 -1.52 0.00	44.07 -2.09 0.00	45.87 -2.10 0.00	51.50 -1.55 0.00
MODERN_LFGE___ 323580	53.40 -0.24 0.00	55.61 -0.40 0.00	49.95 -0.80 0.00	41.29 -1.36 0.00	35.62 -1.14 0.00	34.50 -0.94 0.00	38.89 -1.63 0.00	42.52 -1.65 0.00	39.40 -0.93 0.00	48.30 -1.64 0.00	57.65 -2.59 0.00	69.96 -3.71 0.00	66.41 -3.80 0.00	67.04 -4.28 0.00	71.00 -4.56 -0.93	67.74 -3.55 -8.74	23.47 -0.90 -0.67	326.28 -5.81 0.00	65.03 -1.93 0.00	45.57 -1.17 0.00	46.37 -1.52 0.00	44.07 -2.09 0.00	45.87 -2.10 0.00	51.50 -1.55 0.00
MOHAWK_PAPER___DRP 24187	54.60 0.96 0.00	56.94 0.93 0.00	51.67 0.92 0.00	43.51 0.86 0.00	37.54 0.78 0.00	36.53 1.09 0.00	41.81 1.29 0.00	45.48 1.31 0.00	41.40 1.07 0.00	51.27 1.33 0.00	61.92 1.69 0.00	76.04 2.38 0.00	73.22 3.01 0.00	74.73 3.42 0.00	91.02 3.87 -12.52	22.11 3.02 43.45	21.38 1.06 3.38	347.14 15.05 0.00	70.10 3.13 0.00	48.86 2.11 0.00	50.01 2.11 0.00	48.00 1.85 0.00	49.29 1.32 0.00	54.01 0.96 0.00
MOHICAN___35_KV_115KV_LD 80490	56.50 2.86 0.00	58.82 2.82 0.00	53.16 2.41 0.00	44.68 2.03 0.00	38.60 1.84 0.00	37.55 2.12 0.00	43.47 2.95 0.00	47.12 2.95 0.00	42.98 2.65 0.00	53.20 3.26 0.00	64.13 3.89 0.00	78.46 4.80 0.00	75.44 5.22 0.00	76.59 5.28 0.00	85.65 6.04 -4.98	26.53 4.35 40.37	22.15 1.59 3.14	356.68 24.59 0.00	72.75 5.78 0.00	50.65 3.91 0.00	51.98 4.09 0.00	49.67 3.52 0.00	50.99 3.02 0.00	55.74 2.69 0.00
MONGAUP___HYD 23641	55.70 2.06 0.00	57.90 1.89 0.00	52.37 1.62 0.00	44.00 1.35 0.00	38.05 1.29 0.00	37.03 1.59 0.00	42.42 1.90 0.00	46.31 2.14 0.00	42.13 1.80 0.00	52.12 2.18 0.00	62.97 2.74 0.00	77.34 3.67 0.00	74.83 4.62 0.00	76.97 5.66 0.00	100.30 6.08 -19.59	174.02 4.71 -106.76	9.35 1.73 16.08	329.56 20.77 23.31	71.62 4.65 0.00	50.12 3.38 0.00	51.75 3.86 0.00	49.80 3.64 0.00	51.03 3.06 0.00	55.82 2.77 0.00
MONTAUK___DIESEL 23721	54.63 0.98 0.00	56.45 0.44 0.00	51.05 0.30 0.00	42.58 -0.07 0.00	36.95 0.18 0.00	36.24 0.80 0.00	41.60 1.09 0.00	45.99 1.82 0.00	42.00 1.67 0.00	52.46 2.52 0.00	65.12 4.60 -0.29	78.71 4.61 -0.43	79.33 5.55 -3.58	82.70 7.40 -3.98	112.02 8.94 -28.45	1659.19 3.90 -1592.74	524.47 2.04 -498.73	920.32 37.99 -550.23	86.57 8.84 -10.76	49.70 3.58 0.62	51.05 3.16 0.00	49.39 3.24 0.00	50.62 2.65 0.00	56.43 3.38 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.70 2.06 0.00	57.88 1.87 0.00	51.23 0.48 0.00	41.89 -0.76 0.00	35.93 -0.83 0.00	35.17 -0.27 0.00	40.48 -0.04 0.00	44.80 0.63 0.00	41.61 1.28 0.00	51.53 1.59 0.00	61.94 1.70 0.00	75.14 1.48 0.00	71.68 1.47 0.00	72.06 0.75 0.00	75.69 -0.03 -1.09	72.75 0.04 -10.16	24.81 0.33 -0.78	343.74 11.65 0.00	69.44 2.47 0.00	48.55 1.81 0.00	49.42 1.52 0.00	46.83 0.68 0.00	49.09 1.12 0.00	54.44 1.39 0.00

MORRIS_RIDGE___SOLAR 323848	53.02 -0.62 0.00	55.19 -0.87 -0.04	49.75 -1.00 0.00	41.51 -1.14 0.00	35.85 -0.91 0.00	34.96 -0.48 0.00	39.84 -0.68 0.00	43.45 -0.72 0.00	40.14 -0.19 0.00	49.27 -0.67 0.00	59.29 -0.95 0.00	72.08 -1.95 -0.36	68.80 -1.65 -0.24	69.46 -2.03 -0.17	73.19 -2.82 -1.38	72.44 -1.82 -11.71	24.11 -0.49 -0.90	331.85 -0.24 0.00	67.37 0.40 0.00	47.30 0.56 0.00	48.44 0.54 0.00	46.21 0.06 0.00	47.92 -0.05 0.00	53.18 0.13 0.00
MORTIMER_115KV_TB3 55949	55.01 1.37 0.00	57.20 1.19 0.00	51.44 0.69 0.00	42.74 0.10 0.00	36.88 0.11 0.00	35.73 0.29 0.00	40.70 0.18 0.00	44.57 0.40 0.00	41.12 0.79 0.00	50.63 0.69 0.00	60.74 0.50 0.00	73.81 0.14 0.00	70.32 0.11 0.00	71.24 -0.08 0.00	75.41 0.04 -0.74	69.71 0.22 -6.94	24.47 0.23 -0.54	340.03 7.94 0.00	68.07 1.10 0.00	47.67 0.93 0.00	48.71 0.81 0.00	46.48 0.33 0.00	48.13 0.16 0.00	53.36 0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.30 1.66 0.00	57.43 1.42 0.00	52.03 1.28 0.00	43.78 1.13 0.00	37.94 1.17 0.00	37.03 1.59 0.00	42.43 1.92 0.00	46.54 2.37 0.00	42.55 2.22 0.00	52.93 2.99 0.00	64.16 3.92 0.00	78.89 5.23 0.00	76.44 6.23 0.00	78.72 7.41 0.00	299.88 8.40 -216.86	2420.84 6.16 -2352.13	506.80 2.17 -480.93	620.66 29.09 -259.49	73.21 6.25 0.00	50.65 3.91 0.00	51.79 3.90 0.00	49.74 3.58 0.00	50.97 3.00 0.00	55.72 2.67 0.00
MUNSVILLE_WIND_PWR 323609	57.68 4.04 0.00	60.07 3.97 -0.09	54.07 3.32 0.00	45.64 2.99 0.00	39.74 2.98 0.00	38.40 2.97 0.00	44.46 3.94 0.00	48.75 4.59 0.00	44.51 4.18 0.00	55.18 5.24 0.00	65.66 5.42 0.00	80.64 6.11 -0.86	77.01 6.23 -0.58	78.72 7.01 -0.40	83.50 5.94 -2.93	88.31 4.73 -21.03	27.17 1.81 -1.67	361.81 29.72 0.00	73.75 6.78 0.00	52.04 5.30 0.00	53.26 5.36 0.00	50.97 4.83 0.00	52.43 4.46 0.00	57.51 4.46 0.00
N SALMON___HYD 24042	54.07 0.43 0.00	56.90 0.89 0.00	51.35 0.60 0.00	43.08 0.43 0.00	37.08 0.31 0.00	35.38 -0.05 0.00	40.62 0.10 0.00	44.40 0.23 0.00	40.78 0.45 0.00	50.39 0.46 0.00	60.40 0.17 0.00	73.57 -0.09 0.00	69.23 -0.98 0.00	69.77 -1.55 0.00	-129.85 -2.07 202.41	54.59 -1.87 6.08	23.07 -0.63 0.00	325.13 -6.96 0.00	65.56 -1.40 0.00	45.95 -0.79 0.00	47.16 -0.73 0.00	45.63 -0.52 0.00	48.25 0.27 0.00	53.89 0.84 0.00
N.AKRON__115KV_KNAPP 355671	55.41 1.77 0.00	57.58 1.57 0.00	51.66 0.91 0.00	42.73 0.08 0.00	36.86 0.09 0.00	35.73 0.30 0.00	40.48 -0.04 0.00	44.35 0.18 0.00	41.08 0.76 0.00	50.39 0.45 0.00	60.32 0.09 0.00	72.67 -1.00 0.00	68.37 -1.84 0.00	69.05 -2.26 0.00	73.25 -2.27 -0.89	69.17 -1.66 -8.28	24.08 -0.26 -0.64	335.80 3.72 0.00	67.01 0.04 0.00	46.99 0.25 0.00	47.95 0.06 0.00	45.67 -0.48 0.00	47.81 -0.16 0.00	53.35 0.30 0.00
N.E_GEN_SANDY PD 24062	54.06 0.93 0.52	58.54 0.88 -1.65	48.54 0.79 3.00	43.40 0.75 0.00	37.50 0.74 0.00	36.68 1.13 -0.11	41.84 1.32 0.00	45.46 1.37 0.08	41.49 1.16 0.00	51.40 1.46 0.00	62.19 1.96 0.00	76.11 2.90 0.46	74.01 3.80 0.00	81.05 4.53 -5.21	104.37 5.14 -24.60	71.73 3.66 -5.52	53.97 1.26 -29.00	372.46 18.20 -22.16	68.07 3.77 2.67	48.82 2.40 0.32	50.62 2.49 -0.23	48.31 2.16 0.00	49.93 1.56 -0.40	54.47 1.08 -0.34
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.06 1.42 0.00	57.23 1.22 0.00	51.77 1.02 0.00	43.53 0.88 0.00	37.68 0.92 0.00	36.74 1.30 0.00	42.08 1.56 0.00	46.04 1.87 0.00	42.05 1.72 0.00	52.36 2.42 0.00	63.60 3.36 0.00	78.21 4.54 0.00	75.67 5.46 0.00	77.93 6.62 0.00	78.75 7.61 3.49	-206.95 5.73 275.23	-77.94 2.04 103.67	285.42 27.14 73.81	72.56 5.59 0.00	50.21 3.47 0.00	51.33 3.44 0.00	49.24 3.09 0.00	50.44 2.47 0.00	55.26 2.21 0.00
N.QUEENS_27_KV_LOAD 356247	55.17 1.52 -0.01	57.36 1.35 0.00	52.01 1.25 0.00	43.87 1.22 0.00	38.01 1.24 0.00	37.10 1.66 0.00	42.44 1.92 0.00	46.54 2.37 0.00	42.57 2.24 0.00	52.97 3.03 0.00	64.06 3.82 -0.01	78.75 5.08 0.00	76.36 6.15 0.00	78.63 7.31 -0.01	300.11 8.32 -217.15	2448.13 6.05 -2379.53	515.94 2.09 -490.15	629.13 28.14 -268.90	73.72 6.37 -0.38	50.89 3.91 -0.24	51.78 3.88 0.00	49.96 3.81 0.00	51.05 3.08 0.00	55.76 2.71 0.00
N.TROY___115KV_TB1 355778	55.05 1.41 0.00	57.39 1.38 0.00	52.00 1.25 0.00	43.77 1.12 0.00	37.78 1.02 0.00	36.78 1.34 0.00	42.12 1.60 0.00	45.79 1.62 0.00	41.68 1.35 0.00	51.58 1.64 0.00	62.31 2.08 0.00	76.53 2.87 0.00	73.66 3.45 0.00	75.15 3.83 0.00	91.05 4.25 -12.17	26.14 3.13 39.54	21.78 1.10 3.02	348.70 16.60 0.00	70.50 3.53 0.00	49.09 2.35 0.00	50.33 2.43 0.00	48.29 2.14 0.00	49.62 1.65 0.00	54.33 1.28 0.00
NARROWS_GT1_1 24228	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_2 24229	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_3 24230	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_4 24231	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_5 24232	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00

NARROWS_GT1_6 24233	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_7 24234	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT1_8 24235	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	78.96 7.21 -0.43	88.32 8.28 -5.41	714.88 5.92 -646.42	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_1 24236	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_2 24237	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_3 24238	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_4 24239	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_5 24240	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_6 24241	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_7 24242	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NARROWS_GT2_8 24243	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	64.00 3.77 0.01	78.65 4.99 0.01	76.20 5.99 0.00	83.01 7.21 -4.48	132.45 8.28 -49.54	721.97 5.92 -653.51	257.76 2.14 -231.92	358.51 28.07 1.66	73.38 6.41 0.00	50.69 3.95 0.00	51.82 3.92 0.00	49.99 3.83 -0.01	51.10 3.13 0.00	55.79 2.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.07 1.43 0.00	57.37 1.36 0.00	52.05 1.30 0.00	43.81 1.16 0.00	37.79 1.02 0.00	36.77 1.33 0.00	42.10 1.58 0.00	45.69 1.52 0.00	41.50 1.18 0.00	51.26 1.32 0.00	61.48 1.24 0.00	75.98 2.31 0.00	72.82 2.60 0.00	74.60 3.29 0.00	57.56 3.46 20.54	47.62 3.05 17.98	23.53 1.02 1.19	348.29 16.18 -0.01	70.16 3.19 0.00	49.24 2.50 0.00	50.60 2.70 0.00	48.53 2.38 0.00	49.76 1.79 0.00	54.51 1.46 0.00
NCHELSEA_115KV_TR2 355582	55.66 2.02 0.00	57.86 1.85 0.00	52.35 1.60 0.00	44.01 1.36 0.00	38.08 1.31 0.00	37.11 1.67 0.00	42.52 2.00 0.00	46.54 2.37 0.00	42.51 2.18 0.00	52.93 2.99 0.00	64.23 4.00 0.00	79.01 5.34 0.00	76.50 6.29 0.00	78.76 7.44 0.00	102.62 8.31 -19.67	140.89 6.38 -71.97	32.56 2.29 -6.58	363.15 31.00 -0.06	73.47 6.50 0.00	50.90 4.16 0.00	52.01 4.11 0.00	49.84 3.69 0.00	51.04 3.07 0.00	55.78 2.73 0.00
NEG CAPITAL___MECHNVIL 23645	56.19 2.55 0.00	58.52 2.51 0.00	52.96 2.21 0.00	44.53 1.88 0.00	38.44 1.68 0.00	37.39 1.95 0.00	42.92 2.40 0.00	46.69 2.52 0.00	42.55 2.22 0.00	52.74 2.80 0.00	63.69 3.45 0.00	78.03 4.36 0.00	75.00 4.79 0.00	76.41 5.09 0.00	87.24 5.69 -6.92	25.35 4.31 41.51	22.05 1.58 3.23	356.18 24.08 0.00	72.21 5.24 0.00	50.29 3.55 0.00	51.50 3.60 0.00	49.31 3.16 0.00	50.65 2.68 0.00	55.43 2.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	53.99 0.35 0.00	56.17 0.16 0.00	50.57 -0.18 0.00	42.08 -0.56 0.00	36.32 -0.44 0.00	35.19 -0.24 0.00	40.14 -0.38 0.00	44.01 -0.16 0.00	40.55 0.22 0.00	49.98 0.04 0.00	59.95 -0.28 0.00	72.93 -0.74 0.00	69.58 -0.63 0.00	70.53 -0.79 0.00	74.52 -0.83 -0.72	68.79 -0.45 -6.70	24.15 -0.06 -0.52	335.15 3.06 0.00	67.26 0.29 0.00	47.07 0.33 0.00	48.07 0.17 0.00	45.90 -0.25 0.00	47.49 -0.49 0.00	52.52 -0.53 0.00

NEG CENTRAL___DRP 24199	54.59 0.95 0.00	56.88 0.71 -0.16	51.17 0.42 0.00	42.84 0.19 0.00	37.04 0.27 0.00	35.95 0.51 0.00	41.16 0.64 0.00	44.89 0.72 0.00	41.29 0.96 0.00	50.94 1.00 0.00	61.31 1.07 -0.01	75.81 0.84 -1.30	72.30 1.22 -0.87	72.98 1.06 -0.60	65.54 0.72 9.82	70.44 0.77 -7.12	24.68 0.40 -0.58	340.37 8.28 0.00	68.93 1.96 0.00	48.22 1.48 0.00	49.34 1.45 0.00	47.20 1.05 0.00	48.74 0.77 0.00	53.63 0.58 0.00
NEG CENTRAL___INDECK 23768	54.77 1.13 0.00	56.80 0.78 0.00	51.21 0.45 0.00	42.65 0.00 0.00	36.80 0.04 0.00	35.84 0.40 0.00	40.97 0.45 0.00	44.82 0.64 0.00	41.34 1.01 0.00	50.53 0.59 0.00	59.53 -0.70 0.00	70.50 -3.17 0.00	67.17 -3.04 0.00	68.00 -3.31 0.00	71.79 -3.92 -1.08	70.08 -2.52 -10.06	23.83 -0.64 -0.78	328.30 -3.79 0.00	66.43 -0.54 0.00	47.12 0.38 0.00	48.32 0.42 0.00	46.27 0.12 0.00	48.00 0.02 0.00	54.63 1.58 0.00
NEG CENTRAL___SENECA 23627	54.80 1.16 0.00	57.01 0.91 -0.09	51.29 0.54 0.00	42.94 0.30 0.00	37.18 0.42 0.00	36.12 0.68 0.00	41.35 0.83 0.00	45.09 0.92 0.00	41.58 1.25 0.00	51.22 1.28 0.00	61.61 1.38 0.00	75.54 1.15 -0.73	72.10 1.41 -0.49	72.92 1.27 -0.34	76.55 0.77 -1.15	71.79 0.91 -8.33	24.88 0.54 -0.64	342.39 10.31 0.00	69.40 2.43 0.00	48.55 1.81 0.00	49.67 1.77 0.00	47.46 1.31 0.00	48.98 1.01 0.00	53.91 0.86 0.00
NEG CENTRAL___STATE_STREET 24147	54.66 1.02 0.00	56.97 0.75 -0.21	51.34 0.59 0.00	42.87 0.22 0.00	37.03 0.27 0.00	35.87 0.43 0.00	41.08 0.56 0.00	44.84 0.67 0.00	41.14 0.81 0.00	50.86 0.93 0.00	61.26 1.02 -0.01	76.06 0.69 -1.71	72.85 1.50 -1.15	73.31 1.20 -0.79	65.17 1.00 10.46	70.37 0.89 -6.94	24.64 0.38 -0.56	339.02 6.93 0.00	68.62 1.65 0.00	48.13 1.39 0.00	49.32 1.42 0.00	47.12 0.97 0.00	48.82 0.85 0.00	53.59 0.53 0.00
NEG MILLWOOD___DRP 24198	55.67 2.03 0.00	57.86 1.85 0.00	52.35 1.60 0.00	44.02 1.37 0.00	38.09 1.33 0.00	37.14 1.70 0.00	42.56 2.04 0.00	46.64 2.47 0.00	42.63 2.30 0.00	53.09 3.15 0.00	64.46 4.23 0.00	79.29 5.62 0.00	76.82 6.61 0.00	79.14 7.82 -15.07	98.49 8.79 -19.80	89.03 6.69 -2.42	28.50 2.38 -0.26	364.86 32.51 0.00	73.78 6.81 0.00	51.10 4.35 0.00	52.21 4.31 0.00	50.02 3.87 0.00	51.19 3.22 0.00	55.93 2.88 0.00
NEG NORTH_FLCN_SEA 23793	53.17 -0.47 0.00	56.13 0.11 0.00	50.73 -0.03 0.00	42.52 -0.13 0.00	36.67 -0.10 0.00	35.05 -0.39 0.00	40.17 -0.35 0.00	43.79 -0.38 0.00	40.15 -0.17 0.00	49.67 -0.27 0.00	59.64 -0.59 0.00	72.67 -0.99 0.00	68.85 -1.36 0.00	69.53 -1.78 0.00	71.18 -2.18 1.27	60.35 -2.20 0.00	22.95 -0.75 0.00	324.30 -7.79 0.00	65.41 -1.56 0.00	45.69 -1.05 0.00	46.83 -1.07 0.00	45.15 -1.00 0.00	47.54 -0.43 0.00	53.14 0.09 0.00
NEG NORTH_KES_CHATEGAY 23792	53.11 -0.53 0.00	56.03 0.02 0.00	50.57 -0.18 0.00	42.42 -0.23 0.00	36.52 -0.24 0.00	34.86 -0.58 0.00	40.00 -0.52 0.00	43.65 -0.52 0.00	40.02 -0.31 0.00	49.44 -0.51 0.00	59.52 -0.72 0.00	72.61 -1.05 0.00	68.52 -1.70 0.00	69.11 -2.20 0.00	13.91 -2.44 58.28	58.62 -2.21 1.73	22.94 -0.76 0.00	323.50 -8.59 0.00	64.98 -1.99 0.00	45.51 -1.23 0.00	46.73 -1.17 0.00	45.19 -0.96 0.00	47.65 -0.32 0.00	53.24 0.19 0.00
NEG NORTH___ALICE_FALLS 23915	53.63 -0.01 0.00	56.58 0.57 0.00	51.10 0.35 0.00	42.83 0.18 0.00	36.91 0.15 0.00	35.29 -0.15 0.00	40.46 -0.06 0.00	44.16 -0.01 0.00	40.49 0.16 0.00	50.09 0.15 0.00	60.20 -0.03 0.00	73.29 -0.38 0.00	69.36 -0.85 0.00	70.14 -1.17 0.00	59.14 -1.64 13.86	60.43 -1.74 0.38	23.13 -0.57 0.00	326.99 -5.10 0.00	65.99 -0.97 0.00	46.18 -0.56 0.00	47.33 -0.56 0.00	45.65 -0.50 0.00	48.04 0.07 0.00	53.65 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	53.63 -0.01 0.00	56.58 0.57 0.00	51.10 0.35 0.00	42.83 0.18 0.00	36.91 0.15 0.00	35.29 -0.15 0.00	40.46 -0.06 0.00	44.16 -0.01 0.00	40.49 0.16 0.00	50.09 0.15 0.00	60.20 -0.03 0.00	73.29 -0.38 0.00	69.36 -0.85 0.00	70.14 -1.17 0.00	59.14 -1.64 13.86	60.43 -1.74 0.38	23.13 -0.57 0.00	326.99 -5.10 0.00	65.99 -0.97 0.00	46.18 -0.56 0.00	47.33 -0.56 0.00	45.65 -0.50 0.00	48.04 0.07 0.00	53.65 0.60 0.00
NEG NORTH___PLATTSBURG 23628	53.63 -0.01 0.00	56.58 0.57 0.00	51.10 0.35 0.00	42.83 0.18 0.00	36.91 0.15 0.00	35.29 -0.15 0.00	40.46 -0.06 0.00	44.16 -0.01 0.00	40.49 0.16 0.00	50.09 0.15 0.00	60.20 -0.03 0.00	73.29 -0.37 0.00	69.36 -0.85 0.00	70.14 -1.17 0.00	59.14 -1.64 13.86	60.43 -1.74 0.38	23.13 -0.57 0.00	326.99 -5.10 0.00	65.99 -0.97 0.00	46.18 -0.56 0.00	47.33 -0.56 0.00	45.65 -0.50 0.00	48.04 0.07 0.00	53.65 0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	53.55 -0.10 0.00	55.73 -0.28 0.00	50.05 -0.70 0.00	41.37 -1.28 0.00	35.69 -1.07 0.00	34.57 -0.86 0.00	39.06 -1.47 0.00	42.71 -1.45 0.00	39.60 -0.73 0.00	48.54 -1.40 0.00	58.04 -2.20 0.00	70.28 -3.39 0.00	66.69 -3.52 0.00	67.30 -4.02 0.00	71.35 -4.21 -0.93	67.85 -3.35 -8.66	23.53 -0.84 -0.67	327.47 -4.62 0.00	65.27 -1.69 0.00	45.77 -0.97 0.00	46.59 -1.31 0.00	44.28 -1.87 0.00	46.09 -1.88 0.00	51.67 -1.38 0.00
NEG WEST___LANCASTR 23811	53.92 0.27 0.00	56.10 0.09 0.00	50.32 -0.43 0.00	41.67 -0.98 0.00	36.03 -0.73 0.00	34.94 -0.50 0.00	39.75 -0.77 0.00	43.49 -0.68 0.00	40.30 -0.03 0.00	49.61 -0.33 0.00	59.43 -0.81 0.00	72.06 -1.60 0.00	68.59 -1.62 0.00	69.56 -1.76 0.00	73.69 -2.01 -1.08	71.02 -1.59 -10.06	24.20 -0.28 -0.78	334.48 2.39 0.00	67.17 0.20 0.00	46.96 0.22 0.00	47.81 -0.08 0.00	45.38 -0.77 0.00	47.17 -0.80 0.00	52.43 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	54.23 0.59 0.00	56.61 0.49 -0.10	50.98 0.23 0.00	42.75 0.10 0.00	36.98 0.21 0.00	35.88 0.44 0.00	41.10 0.58 0.00	44.83 0.66 0.00	41.06 0.73 0.00	50.91 0.97 0.00	61.51 1.27 0.00	75.90 1.41 -0.82	72.41 1.65 -0.55	73.83 2.13 -0.38	79.36 1.69 -3.04	86.07 1.42 -22.10	26.02 0.58 -1.75	341.71 9.62 0.00	69.26 2.29 0.00	48.24 1.50 0.00	49.32 1.43 0.00	47.28 1.13 0.00	48.85 0.88 0.00	53.73 0.68 0.00
NEG___GEN_MONROE 24207	55.67 2.03 0.00	57.98 1.97 0.00	52.02 1.27 0.00	43.17 0.53 0.00	37.19 0.43 0.00	36.08 0.64 0.00	41.12 0.60 0.00	44.97 0.80 0.00	41.52 1.19 0.00	51.09 1.15 0.00	61.26 1.03 0.00	74.31 0.65 0.00	70.53 0.32 0.00	71.30 -0.02 0.00	75.52 0.14 -0.75	69.92 0.36 -7.01	24.57 0.33 -0.54	341.93 9.84 0.00	68.47 1.50 0.00	47.98 1.23 0.00	49.02 1.12 0.00	46.77 0.62 0.00	48.52 0.55 0.00	53.80 0.75 0.00
NEPA___ENERGY 23901	54.11 0.47 0.00	56.32 0.31 0.00	50.17 -0.58 0.00	41.59 -1.05 0.00	36.00 -0.77 0.00	34.96 -0.48 0.00	39.99 -0.53 0.00	43.68 -0.49 0.00	40.47 0.14 0.00	50.01 0.06 0.00	60.26 0.02 0.00	73.05 -0.62 0.00	69.68 -0.53 0.00	71.03 -0.29 0.00	74.65 -1.09 -1.11	72.10 -0.78 -10.34	24.46 -0.03 -0.80	337.37 5.28 0.00	68.23 1.26 0.00	47.46 0.72 0.00	48.33 0.44 0.00	45.91 -0.25 0.00	47.74 -0.23 0.00	52.93 -0.12 0.00

NEVERSINK___HYD 23608	54.68 1.04 0.00	56.81 0.80 0.00	51.38 0.63 0.00	43.17 0.52 0.00	37.33 0.57 0.00	36.32 0.88 0.00	41.62 1.10 0.00	45.54 1.37 0.00	41.59 1.26 0.00	51.75 1.81 0.00	62.79 2.56 0.00	77.13 3.46 0.00	74.68 4.47 0.00	76.89 5.58 0.00	98.70 6.26 -17.80	154.87 4.97 -87.35	25.64 1.73 -0.21	349.44 24.02 6.67	72.15 5.18 0.00	50.13 3.39 0.00	51.15 3.25 0.00	48.99 2.84 0.00	50.16 2.19 0.00	54.84 1.79 0.00
NEWKRMKL_115KV_TB1 55635	53.80 0.16 0.00	56.12 0.11 0.00	51.00 0.25 0.00	42.98 0.33 0.00	37.08 0.31 0.00	36.10 0.66 0.00	41.31 0.79 0.00	44.93 0.76 0.00	40.87 0.54 0.00	50.55 0.62 0.00	61.03 0.79 0.00	75.04 1.38 0.00	72.19 1.98 0.00	73.72 2.41 0.00	66.93 2.81 10.51	21.72 2.23 43.07	21.10 0.75 3.35	342.31 10.22 0.00	69.00 2.03 0.00	48.11 1.37 0.00	49.27 1.38 0.00	47.33 1.18 0.00	48.62 0.64 0.00	53.29 0.24 0.00
NEWTON___FALLS_HYD 23847	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.63 0.00	35.75 0.31 0.00	41.02 0.50 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.26 1.32 0.00	61.17 0.94 0.00	74.70 0.42 -0.62	70.07 -0.56 -0.41	70.42 -1.18 -0.29	-341.69 -1.88 414.44	48.19 -1.51 12.85	23.17 -0.53 0.00	325.23 -6.86 0.00	65.95 -1.02 0.00	46.62 -0.12 0.00	48.29 0.39 0.00	46.72 0.57 0.00	49.37 1.40 0.00	54.77 1.72 0.00
NGRID_A1_DSASP 323792	53.07 -0.57 0.00	55.28 -0.73 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.79 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.19 -1.75 0.00	57.50 -2.74 0.00	69.83 -3.84 0.00	65.96 -4.25 0.00	66.57 -4.75 0.00	70.53 -5.04 -0.94	67.38 -3.98 -8.81	23.28 -1.10 -0.68	323.85 -8.24 0.00	64.48 -2.49 0.00	45.17 -1.57 0.00	45.93 -1.96 0.00	43.68 -2.47 0.00	45.49 -2.48 0.00	51.00 -2.05 0.00
NGRID_A2_DSASP 323793	53.07 -0.57 0.00	55.28 -0.73 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.79 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.19 -1.75 0.00	57.50 -2.74 0.00	69.83 -3.84 0.00	65.96 -4.25 0.00	66.57 -4.75 0.00	70.53 -5.04 -0.94	67.38 -3.98 -8.81	23.28 -1.10 -0.68	323.85 -8.24 0.00	64.48 -2.49 0.00	45.17 -1.57 0.00	45.93 -1.96 0.00	43.68 -2.47 0.00	45.49 -2.48 0.00	51.00 -2.05 0.00
NGRID_A4_DSASP 323807	53.07 -0.57 0.00	55.28 -0.73 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.79 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.19 -1.75 0.00	57.50 -2.74 0.00	69.83 -3.84 0.00	65.96 -4.25 0.00	66.57 -4.75 0.00	70.53 -5.04 -0.94	67.38 -3.98 -8.81	23.28 -1.10 -0.68	323.85 -8.24 0.00	64.48 -2.49 0.00	45.17 -1.57 0.00	45.93 -1.96 0.00	43.68 -2.47 0.00	45.49 -2.48 0.00	51.00 -2.05 0.00
NIAGARA_115E_LBMP 323715	53.18 -0.46 0.00	55.40 -0.61 0.00	49.78 -0.97 0.00	41.15 -1.50 0.00	35.50 -1.27 0.00	34.37 -1.06 0.00	38.71 -1.81 0.00	42.31 -1.86 0.00	39.20 -1.13 0.00	48.06 -1.89 0.00	57.34 -2.90 0.00	69.61 -4.05 0.00	66.12 -4.09 0.00	66.73 -4.58 0.00	70.69 -4.89 -0.94	67.53 -3.84 -8.82	23.39 -0.99 -0.68	324.90 -7.19 0.00	64.72 -2.25 0.00	45.34 -1.40 0.00	46.14 -1.76 0.00	43.85 -2.30 0.00	45.64 -2.33 0.00	51.28 -1.77 0.00
NIAGARA_115W_LBMP 323714	52.96 -0.68 0.00	55.16 -0.85 0.00	49.59 -1.16 0.00	41.00 -1.65 0.00	35.36 -1.40 0.00	34.23 -1.21 0.00	38.71 -1.81 0.00	42.35 -1.82 0.00	39.22 -1.11 0.00	48.09 -1.85 0.00	57.38 -2.86 0.00	69.68 -3.99 0.00	65.81 -4.40 0.00	66.40 -4.92 0.00	70.34 -5.23 -0.94	67.20 -4.15 -8.80	23.21 -1.17 -0.68	322.92 -9.17 0.00	64.29 -2.68 0.00	45.06 -1.68 0.00	45.81 -2.08 0.00	43.57 -2.58 0.00	45.38 -2.59 0.00	50.88 -2.17 0.00
NIAGARA_230_LBMP 323716	53.32 -0.33 0.00	55.56 -0.45 0.00	49.94 -0.81 0.00	41.30 -1.35 0.00	35.63 -1.13 0.00	34.50 -0.94 0.00	39.04 -1.48 0.00	42.70 -1.47 0.00	39.53 -0.79 0.00	48.49 -1.45 0.00	57.91 -2.32 0.00	70.32 -3.35 0.00	66.85 -3.36 0.00	67.49 -3.83 0.00	71.44 -4.12 -0.93	68.13 -3.10 -8.68	23.54 -0.83 -0.67	327.14 -4.95 0.00	65.30 -1.67 0.00	45.72 -1.02 0.00	46.53 -1.36 0.00	44.27 -1.88 0.00	46.05 -1.92 0.00	51.54 -1.51 0.00
NIAGARA___115KV_198_GIBSON 55903	52.96 -0.68 0.00	55.16 -0.85 0.00	49.59 -1.16 0.00	41.00 -1.65 0.00	35.36 -1.40 0.00	34.23 -1.21 0.00	38.71 -1.81 0.00	42.35 -1.82 0.00	39.21 -1.11 0.00	48.08 -1.86 0.00	57.44 -2.80 0.00	69.68 -3.99 0.00	65.81 -4.40 0.00	66.37 -4.94 0.00	70.42 -5.15 -0.94	67.16 -4.19 -8.80	23.21 -1.17 -0.68	322.87 -9.22 0.00	64.23 -2.74 0.00	45.06 -1.68 0.00	45.82 -2.08 0.00	43.57 -2.58 0.00	45.37 -2.60 0.00	50.88 -2.17 0.00
NIAGARA____ 23760	53.32 -0.33 0.00	55.56 -0.45 0.00	49.94 -0.81 0.00	41.30 -1.35 0.00	35.63 -1.13 0.00	34.50 -0.94 0.00	39.04 -1.48 0.00	42.70 -1.47 0.00	39.53 -0.79 0.00	48.49 -1.45 0.00	57.91 -2.32 0.00	70.32 -3.35 0.00	66.85 -3.36 0.00	67.49 -3.83 0.00	71.45 -4.12 -0.94	68.20 -3.10 -8.75	23.54 -0.83 -0.68	327.14 -4.95 0.00	65.30 -1.67 0.00	45.72 -1.02 0.00	46.53 -1.36 0.00	44.27 -1.88 0.00	46.05 -1.92 0.00	51.54 -1.51 0.00
NINE_MILE_1 23575	52.33 -1.31 0.00	53.11 -1.46 1.44	49.36 -1.39 0.00	41.41 -1.24 0.00	35.73 -1.04 0.00	34.54 -0.89 0.00	39.51 -1.00 0.00	43.11 -1.06 0.00	39.43 -0.90 0.00	48.78 -1.16 0.00	58.76 -1.43 0.05	60.23 -1.94 11.50	60.82 -1.68 7.70	64.30 -1.68 5.33	68.69 -1.78 4.16	61.13 -1.42 0.00	23.17 -0.53 0.00	325.61 -6.48 0.00	65.68 -1.29 0.00	45.87 -0.88 0.00	46.99 -0.91 0.00	45.15 -1.00 0.00	46.77 -1.21 0.00	51.59 -1.46 0.00
NINE_MILE_2 23744	52.33 -1.31 0.00	53.08 -1.46 1.47	49.36 -1.39 0.00	41.42 -1.23 0.00	35.73 -1.03 0.00	34.55 -0.89 0.00	39.51 -1.00 0.00	43.11 -1.06 0.00	39.43 -0.90 0.00	48.78 -1.16 0.00	58.75 -1.43 0.05	60.05 -1.94 11.68	60.70 -1.68 7.82	64.21 -1.68 5.42	68.64 -1.77 4.22	61.13 -1.42 0.00	23.17 -0.52 0.00	325.61 -6.48 0.00	65.68 -1.29 0.00	45.87 -0.88 0.00	46.99 -0.91 0.00	45.15 -1.00 0.00	46.77 -1.21 0.00	51.59 -1.46 0.00
NM_CAPITAL___DRP 24208	53.87 0.23 0.00	56.22 0.21 0.00	51.08 0.33 0.00	43.05 0.40 0.00	37.13 0.37 0.00	36.15 0.71 0.00	41.36 0.84 0.00	44.97 0.80 0.00	40.91 0.58 0.00	50.61 0.68 0.00	61.11 0.87 0.00	75.14 1.47 0.00	72.34 2.12 0.00	73.87 2.56 0.00	83.65 2.97 -6.04	20.95 2.29 43.89	21.07 0.79 3.41	342.73 10.64 0.00	69.09 2.12 0.00	48.15 1.41 0.00	49.33 1.43 0.00	47.38 1.23 0.00	48.68 0.70 0.00	53.35 0.30 0.00
NM_CENTRAL___DRP 24181	53.71 0.07 0.00	56.11 -0.04 -0.14	50.57 -0.18 0.00	42.40 -0.25 0.00	36.59 -0.17 0.00	35.43 -0.01 0.00	40.55 0.03 0.00	44.28 0.11 0.00	40.53 0.20 0.00	50.14 0.20 0.00	60.48 0.24 0.00	74.90 0.12 -1.12	71.28 0.32 -0.75	72.24 0.41 -0.52	57.49 0.42 17.56	62.36 0.36 0.55	23.80 0.10 0.00	334.64 2.55 0.00	67.56 0.59 0.00	47.13 0.39 0.00	48.27 0.37 0.00	46.32 0.17 0.00	47.88 -0.09 0.00	52.72 -0.33 0.00

NM_FRONTIER___DRP 24179	52.96 -0.68 0.00	55.16 -0.85 0.00	49.59 -1.16 0.00	41.00 -1.65 0.00	35.36 -1.40 0.00	34.23 -1.21 0.00	38.71 -1.81 0.00	42.35 -1.82 0.00	39.21 -1.11 0.00	48.08 -1.86 0.00	57.44 -2.80 0.00	69.68 -3.99 0.00	65.81 -4.40 0.00	66.37 -4.94 0.00	70.42 -5.15 -0.94	67.16 -4.19 -8.80	23.21 -1.17 -0.68	322.87 -9.22 0.00	64.23 -2.74 0.00	45.06 -1.68 0.00	45.82 -2.08 0.00	43.57 -2.58 0.00	45.37 -2.60 0.00	50.88 -2.17 0.00
NM_ST_REGIS___HYD 24053	54.24 0.60 0.00	56.94 0.93 0.00	51.50 0.75 0.00	43.24 0.59 0.00	37.20 0.43 0.00	35.42 -0.02 0.00	40.56 0.05 0.00	44.36 0.19 0.00	40.72 0.40 0.00	50.25 0.31 0.00	59.66 -0.58 0.00	72.35 -1.32 0.00	67.84 -2.37 0.00	68.22 -3.09 0.00	-470.74 -4.43 540.94	42.49 -3.74 16.32	22.39 -1.31 0.00	315.10 -16.99 0.00	63.56 -3.41 0.00	44.74 -2.01 0.00	46.09 -1.80 0.00	44.72 -1.43 0.00	47.82 -0.15 0.00	53.55 0.50 0.00
NORTHPORT___1 23551	54.57 0.93 0.00	56.66 0.65 0.00	51.41 0.66 0.00	42.93 0.28 0.00	37.30 0.53 0.00	36.51 1.07 0.00	41.77 1.25 0.00	45.85 1.68 0.00	41.83 1.50 0.00	52.18 2.24 0.00	64.51 3.99 -0.29	75.97 3.68 1.39	68.53 4.59 6.27	72.26 5.93 4.98	108.59 7.26 -26.69	1567.38 3.30 -1501.54	476.99 1.59 -451.69	466.16 22.81 -111.25	70.15 5.20 2.02	48.76 2.62 0.60	50.30 2.40 0.00	48.14 2.00 0.00	49.31 1.34 0.00	54.02 0.97 0.00
NORTHPORT___2 23552	54.57 0.93 0.00	56.66 0.65 0.00	51.41 0.66 0.00	42.93 0.28 0.00	37.30 0.53 0.00	36.51 1.07 0.00	41.77 1.25 0.00	45.85 1.68 0.00	41.83 1.50 0.00	52.18 2.24 0.00	64.51 3.99 -0.29	75.97 3.68 1.39	68.53 4.59 6.27	72.26 5.93 4.98	108.59 7.26 -26.69	1567.38 3.30 -1501.54	476.99 1.59 -451.69	466.16 22.81 -111.25	70.15 5.20 2.02	48.76 2.62 0.60	50.30 2.40 0.00	48.14 2.00 0.00	49.31 1.34 0.00	54.02 0.97 0.00
NORTHPORT___3 23553	54.48 0.84 0.00	56.60 0.59 0.00	51.35 0.60 0.00	42.91 0.27 0.00	37.24 0.48 0.00	36.46 1.03 0.00	41.68 1.17 0.00	45.73 1.56 0.00	41.73 1.40 0.00	52.05 2.11 0.00	64.38 3.85 -0.29	75.98 3.47 1.16	69.60 4.38 4.99	73.23 5.75 3.83	109.59 7.15 -27.81	1569.15 3.82 -1502.78	476.04 1.75 -450.59	468.65 21.85 -114.71	69.16 5.01 2.82	48.64 2.53 0.64	50.20 2.30 0.00	48.03 1.88 0.00	49.16 1.19 0.00	53.91 0.86 0.00
NORTHPORT___4 23650	54.48 0.84 0.00	56.60 0.59 0.00	51.35 0.60 0.00	42.91 0.27 0.00	37.24 0.48 0.00	36.46 1.03 0.00	41.68 1.17 0.00	45.73 1.56 0.00	41.73 1.40 0.00	52.05 2.11 0.00	64.38 3.85 -0.29	75.98 3.47 1.16	69.60 4.38 4.99	73.23 5.75 3.83	109.59 7.15 -27.81	1569.15 3.82 -1502.78	476.04 1.75 -450.59	468.65 21.85 -114.71	69.16 5.01 2.82	48.64 2.53 0.64	50.20 2.30 0.00	48.03 1.88 0.00	49.16 1.19 0.00	53.91 0.86 0.00
NORTHPORT___IC 23718	54.58 0.93 0.00	56.66 0.65 0.00	51.41 0.66 0.00	42.92 0.28 0.00	37.30 0.53 0.00	36.51 1.07 0.00	41.77 1.25 0.00	45.85 1.68 0.00	41.83 1.51 0.00	52.18 2.24 0.00	64.44 3.92 -0.29	75.98 3.69 1.39	68.50 4.56 6.27	72.27 5.94 4.98	108.59 7.26 -26.69	1567.43 3.34 -1501.54	477.04 1.64 -451.69	466.40 23.06 -111.25	70.26 5.31 2.02	48.83 2.69 0.60	50.29 2.40 0.00	48.14 1.99 0.00	49.32 1.35 0.00	54.02 0.97 0.00
NORTH___COUNTRY_ESR 323785	52.96 -0.69 0.00	55.87 -0.14 0.00	50.42 -0.33 0.00	42.28 -0.37 0.00	36.40 -0.36 0.00	34.75 -0.69 0.00	39.87 -0.65 0.00	43.50 -0.67 0.00	39.87 -0.46 0.00	49.31 -0.63 0.00	59.36 -0.88 0.00	72.53 -1.14 0.00	68.49 -1.72 0.00	69.08 -2.24 0.00	12.65 -2.52 59.46	58.56 -2.23 1.76	22.93 -0.76 0.00	322.89 -9.19 0.00	64.95 -2.02 0.00	45.44 -1.30 0.00	46.59 -1.31 0.00	45.04 -1.11 0.00	47.51 -0.46 0.00	53.11 0.06 0.00
NPX_GEN_1385_PROXY 323591	54.88 1.24 0.00	57.05 1.04 0.00	51.27 1.12 0.60	42.86 0.22 0.00	37.51 0.75 0.00	36.85 1.41 0.00	42.25 1.73 0.00	46.28 2.11 0.00	42.16 1.83 0.00	52.33 2.39 0.00	64.53 4.01 -0.29	75.83 3.55 1.39	68.40 4.46 6.27	72.23 5.90 4.98	109.57 8.25 -26.69	1567.95 3.86 -1501.54	477.20 1.80 -451.69	464.52 21.18 -111.25	71.11 6.16 2.02	49.22 3.09 0.60	50.50 2.61 0.00	48.56 2.41 0.00	49.80 1.83 0.00	54.60 1.55 0.00
NPX_GEN_CSC 323557	54.45 0.81 0.00	56.34 0.33 0.00	50.40 0.25 0.60	42.56 -0.09 0.00	36.95 0.19 0.00	36.21 0.78 0.00	41.52 1.00 0.00	45.75 1.58 0.00	41.84 1.51 0.00	52.34 2.41 0.00	64.80 4.28 -0.29	78.48 4.40 -0.41	78.98 5.31 -3.45	82.09 6.91 -3.87	111.33 8.30 -28.40	1658.25 3.07 -1592.63	523.92 1.48 -498.74	901.61 29.33 -540.19	83.46 6.44 -10.05	49.41 3.29 0.62	50.93 3.03 0.00	48.70 2.54 0.00	49.93 1.96 0.00	54.65 1.60 0.00
NSINS_S_GLNS_FALLS 23858	56.42 2.78 0.00	58.72 2.71 0.00	53.07 2.32 0.00	44.62 1.97 0.00	38.54 1.77 0.00	37.48 2.05 0.00	43.36 2.84 0.00	47.03 2.86 0.00	42.91 2.58 0.00	53.14 3.20 0.00	64.00 3.77 0.00	78.31 4.65 0.00	75.29 5.08 0.00	76.44 5.12 0.00	85.29 5.90 -4.76	26.56 4.25 40.24	22.12 1.55 3.13	356.06 23.97 0.00	72.67 5.70 0.00	50.60 3.85 0.00	51.93 4.04 0.00	49.62 3.47 0.00	50.94 2.97 0.00	55.68 2.63 0.00
NUCOR_STEEL___DRP 24197	54.56 0.91 0.00	56.88 0.64 -0.23	51.29 0.54 0.00	42.81 0.16 0.00	36.97 0.21 0.00	35.81 0.37 0.00	41.00 0.48 0.00	44.74 0.57 0.00	40.98 0.65 0.00	50.66 0.72 0.00	61.02 0.78 -0.01	76.02 0.53 -1.83	72.69 1.26 -1.22	73.16 1.00 -0.85	64.68 0.82 10.76	69.89 0.74 -6.60	24.55 0.31 -0.54	338.02 5.93 0.00	68.39 1.42 0.00	47.99 1.25 0.00	49.17 1.28 0.00	46.99 0.84 0.00	48.72 0.75 0.00	53.49 0.43 0.00
NUMBER_THREE_WT_PWR 323818	54.39 0.75 0.00	57.40 1.29 -0.09	52.07 1.32 0.00	43.65 1.01 0.00	37.42 0.66 0.00	35.93 0.49 0.00	41.39 0.87 0.00	45.63 1.46 0.00	42.26 1.93 0.00	52.23 2.29 0.00	62.71 2.47 0.00	76.74 2.34 -0.74	71.97 1.26 -0.49	72.52 0.86 -0.34	-103.78 1.12 179.53	58.09 1.12 5.57	24.16 0.46 0.00	338.29 6.19 0.00	68.85 1.88 0.00	48.68 1.94 0.00	50.56 2.67 0.00	48.79 2.64 0.00	50.89 2.91 0.00	56.02 2.97 0.00
NYISO_LBMP_REFERENCE 24008	53.64 0.00 0.00	56.01 0.00 0.00	50.75 0.00 0.00	42.65 0.00 0.00	36.76 0.00 0.00	35.44 0.00 0.00	40.52 0.00 0.00	44.17 0.00 0.00	40.33 0.00 0.00	49.94 0.00 0.00	60.24 0.00 0.00	73.67 0.00 0.00	70.21 0.00 0.00	71.31 0.00 0.00	74.63 0.00 0.00	62.55 0.00 0.00	23.70 0.00 0.00	332.09 0.00 0.00	66.97 0.00 0.00	46.74 0.00 0.00	47.89 0.00 0.00	46.15 0.00 0.00	47.97 0.00 0.00	53.05 0.00 0.00
NYPA_BRENTWD____GT 24164	55.56 1.92 0.00	57.56 1.55 0.00	52.16 1.41 0.00	43.54 0.89 0.00	37.82 1.05 0.00	37.02 1.58 0.00	42.40 1.88 0.00	46.66 2.49 0.00	42.62 2.30 0.00	53.25 3.31 0.00	65.82 5.30 -0.29	87.42 5.54 -8.22	122.86 6.45 -46.20	121.80 7.76 -42.72	114.09 8.94 -30.52	1667.56 4.47 -1600.54	525.50 2.07 -499.73	830.30 32.06 -466.15	97.15 6.93 -23.25	49.93 3.78 0.59	51.46 3.57 0.00	49.22 3.07 0.00	50.50 2.53 0.00	55.27 2.22 0.00

NYPA_GOWANUS____GT5 24156	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	63.99 3.76 0.01	78.62 4.96 0.01	76.18 5.97 0.00	78.93 7.18 -0.43	88.27 8.23 -5.41	714.85 5.88 -646.42	257.75 2.13 -231.92	358.32 27.89 1.66	73.38 6.41 0.00	50.68 3.94 0.00	51.80 3.91 0.00	49.98 3.83 -0.01	51.09 3.12 0.00	55.78 2.73 0.00
NYPA_GOWANUS____GT6 24157	55.16 1.52 0.01	57.29 1.29 0.01	51.98 1.23 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.43 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.93 2.99 0.00	63.99 3.76 0.01	78.62 4.96 0.01	76.18 5.97 0.00	78.93 7.18 -0.43	88.27 8.23 -5.41	714.85 5.88 -646.42	257.75 2.13 -231.92	358.32 27.89 1.66	73.38 6.41 0.00	50.68 3.94 0.00	51.80 3.91 0.00	49.98 3.83 -0.01	51.09 3.12 0.00	55.78 2.73 0.00
NYPA_HARLEM__RVR__GT1 24160	55.04 1.39 -0.01	57.23 1.23 0.00	51.89 1.14 0.00	43.78 1.13 0.00	37.92 1.15 0.00	37.02 1.58 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.46 2.13 0.00	52.79 2.85 0.00	63.89 3.66 0.00	78.52 4.86 0.00	76.12 5.91 0.00	78.57 7.07 -0.18	301.63 8.07 -218.94	2421.06 5.77 -2352.74	506.71 2.02 -480.99	618.65 27.04 -259.52	73.14 6.16 0.00	50.52 3.77 0.00	51.61 3.72 0.00	49.81 3.66 0.00	50.91 2.94 0.00	55.63 2.57 0.00
NYPA_HARLEM__RVR__GT2 24161	55.04 1.39 -0.01	57.23 1.23 0.00	51.89 1.14 0.00	43.78 1.13 0.00	37.92 1.15 0.00	37.02 1.58 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.46 2.13 0.00	52.79 2.85 0.00	63.89 3.66 0.00	78.52 4.86 0.00	76.12 5.91 0.00	78.57 7.07 -0.18	301.63 8.07 -218.94	2421.06 5.77 -2352.74	506.71 2.02 -480.99	618.65 27.04 -259.52	73.14 6.16 0.00	50.52 3.77 0.00	51.61 3.72 0.00	49.81 3.66 0.00	50.91 2.94 0.00	55.63 2.57 0.00
NYPA_KENT____GT 24152	52.19 1.42 2.87	56.64 1.19 0.57	51.89 1.14 0.00	43.77 1.12 0.00	37.91 1.15 0.00	37.02 1.58 0.00	42.39 1.87 0.00	46.50 2.33 0.00	42.52 2.20 0.00	52.85 2.91 0.00	63.90 3.67 0.01	78.55 4.89 0.01	76.13 5.92 0.00	81.26 7.09 -2.86	114.59 8.13 -31.83	719.03 5.82 -650.66	250.01 2.08 -224.24	357.84 27.41 1.66	73.20 6.23 0.00	50.59 3.85 0.00	51.69 3.80 0.00	49.84 3.69 0.00	50.97 3.01 0.00	55.66 2.61 0.00
NYPA_POUCH1____GT 24155	55.00 1.36 0.01	57.05 1.05 0.01	51.79 1.04 0.00	43.73 1.08 0.00	37.85 1.08 0.00	36.94 1.50 0.00	42.28 1.77 0.00	46.38 2.21 0.00	42.43 2.11 0.00	52.70 2.76 0.00	63.72 3.50 0.01	78.33 4.67 0.01	75.96 5.75 0.00	78.40 6.95 -0.14	84.81 8.02 -2.16	714.19 5.75 -645.90	257.76 2.14 -231.92	357.80 27.36 1.66	73.25 6.28 0.00	50.59 3.85 0.00	51.67 3.78 0.00	49.83 3.67 -0.01	50.94 2.97 0.00	55.60 2.55 0.00
NYPA_VERNON____GT2 24162	49.22 1.32 5.74	55.98 1.10 1.12	51.79 1.04 0.00	43.69 1.04 0.00	37.86 1.10 0.00	36.98 1.55 0.00	42.34 1.82 0.00	46.46 2.29 0.00	42.46 2.13 0.00	52.77 2.83 0.00	63.86 3.64 0.01	78.52 4.85 0.01	76.13 5.92 0.00	79.62 7.07 -1.23	96.82 8.07 -14.12	716.14 5.77 -647.82	242.29 2.04 -216.54	357.52 27.08 1.66	73.10 6.13 0.00	50.54 3.80 0.00	51.62 3.73 0.00	49.75 3.60 0.00	50.89 2.92 0.00	55.56 2.51 0.00
NYPA_VERNON____GT3 24163	49.22 1.32 5.74	55.98 1.10 1.12	51.79 1.04 0.00	43.69 1.04 0.00	37.86 1.10 0.00	36.98 1.55 0.00	42.34 1.82 0.00	46.46 2.29 0.00	42.46 2.13 0.00	52.77 2.83 0.00	63.86 3.64 0.01	78.52 4.85 0.01	76.13 5.92 0.00	79.62 7.07 -1.23	96.82 8.07 -14.12	716.14 5.77 -647.82	242.29 2.04 -216.54	357.52 27.08 1.66	73.10 6.13 0.00	50.54 3.80 0.00	51.62 3.73 0.00	49.75 3.60 0.00	50.89 2.92 0.00	55.56 2.51 0.00
NYPA____ASTORIA_CC1 323568	47.84 1.16 6.96	55.58 0.93 1.36	51.67 0.92 0.00	43.60 0.95 0.00	37.79 1.03 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.62 2.69 0.00	63.68 3.46 0.01	78.29 4.63 0.01	75.91 5.70 0.00	78.76 6.87 -0.58	89.44 7.83 -6.98	714.80 5.58 -646.67	238.94 1.97 -213.27	356.54 26.10 1.66	72.93 5.97 0.00	50.44 3.69 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
NYPA____ASTORIA_CC2 323569	47.84 1.16 6.96	55.58 0.93 1.36	51.67 0.92 0.00	43.60 0.95 0.00	37.79 1.03 0.00	36.91 1.47 0.00	42.24 1.72 0.00	46.34 2.17 0.00	42.34 2.01 0.00	52.62 2.69 0.00	63.68 3.46 0.01	78.29 4.63 0.01	75.91 5.70 0.00	78.76 6.87 -0.58	89.44 7.83 -6.98	714.80 5.58 -646.67	238.94 1.97 -213.27	356.54 26.10 1.66	72.93 5.97 0.00	50.44 3.69 0.00	51.51 3.62 0.00	49.67 3.52 0.00	50.79 2.82 0.00	55.44 2.39 0.00
NYPA____HOLTSVILL 23794	54.88 1.24 0.00	56.86 0.85 0.00	51.50 0.75 0.00	43.01 0.36 0.00	37.34 0.57 0.00	36.57 1.13 0.00	41.89 1.38 0.00	46.10 1.93 0.00	42.15 1.82 0.00	52.67 2.73 0.00	65.11 4.58 -0.29	78.68 4.69 -0.33	78.73 5.52 -3.01	81.77 6.99 -3.46	111.23 8.34 -28.25	1658.59 3.66 -1592.38	524.29 1.77 -498.82	889.98 28.81 -529.07	83.18 6.33 -9.87	49.45 3.33 0.62	50.99 3.09 0.00	48.77 2.62 0.00	49.99 2.02 0.00	54.74 1.69 0.00
NYPA____HELLGATE_GT1 24158	55.04 1.39 -0.01	57.23 1.23 0.00	51.89 1.14 0.00	43.78 1.13 0.00	37.92 1.15 0.00	37.02 1.58 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.83 2.89 0.00	63.91 3.68 0.00	78.52 4.86 0.00	76.12 5.91 0.00	78.57 7.07 -0.18	301.63 8.07 -218.94	2421.06 5.77 -2352.74	506.71 2.02 -480.99	618.65 27.04 -259.52	73.14 6.16 0.00	50.52 3.77 0.00	51.61 3.72 0.00	49.81 3.66 0.00	50.91 2.94 0.00	55.63 2.57 0.00
NYPA____HELLGATE_GT2 24159	55.04 1.39 -0.01	57.23 1.23 0.00	51.89 1.14 0.00	43.78 1.13 0.00	37.92 1.15 0.00	37.02 1.58 0.00	42.35 1.83 0.00	46.44 2.27 0.00	42.47 2.14 0.00	52.83 2.89 0.00	63.91 3.68 0.00	78.52 4.86 0.00	76.12 5.91 0.00	78.57 7.07 -0.18	301.63 8.07 -218.94	2421.06 5.77 -2352.74	506.71 2.02 -480.99	618.65 27.04 -259.52	73.14 6.16 0.00	50.52 3.77 0.00	51.61 3.72 0.00	49.81 3.66 0.00	50.91 2.94 0.00	55.63 2.57 0.00
NYS_BARGE____HYD 23848	53.81 0.17 0.00	55.99 -0.02 0.00	50.29 -0.46 0.00	41.55 -1.09 0.00	35.85 -0.92 0.00	34.73 -0.71 0.00	39.21 -1.31 0.00	42.89 -1.28 0.00	39.76 -0.57 0.00	48.75 -1.19 0.00	58.21 -2.03 0.00	70.58 -3.09 0.00	66.95 -3.26 0.00	67.57 -3.75 0.00	71.57 -3.99 -0.92	68.07 -3.06 -8.58	23.64 -0.73 -0.66	328.99 -3.11 0.00	65.60 -1.37 0.00	45.97 -0.77 0.00	46.78 -1.11 0.00	44.46 -1.69 0.00	46.28 -1.69 0.00	51.88 -1.17 0.00
OAK ORCHARD____HYD 24046	55.01 1.37 0.00	57.20 1.19 0.00	51.44 0.69 0.00	42.74 0.10 0.00	36.88 0.11 0.00	35.73 0.29 0.00	40.70 0.18 0.00	44.56 0.40 0.00	41.12 0.79 0.00	50.63 0.69 0.00	60.70 0.47 0.00	73.82 0.15 0.00	70.32 0.11 0.00	71.25 -0.07 0.00	75.36 -0.02 -0.74	69.75 0.26 -6.94	24.47 0.23 -0.54	340.04 7.95 0.00	68.10 1.13 0.00	47.67 0.93 0.00	48.70 0.81 0.00	46.48 0.33 0.00	48.13 0.16 0.00	53.36 0.31 0.00

OAKDALE___35_KV_LOAD 356122	53.92 0.27 0.00	56.29 0.17 -0.10	50.71 -0.04 0.00	42.54 -0.11 0.00	36.80 0.04 0.00	35.69 0.25 0.00	40.88 0.36 0.00	44.58 0.41 0.00	40.81 0.48 0.00	50.56 0.63 0.00	61.10 0.86 0.00	75.35 0.89 -0.80	71.90 1.15 -0.54	73.28 1.59 -0.37	78.82 1.19 -3.01	85.44 0.96 -21.93	25.82 0.39 -1.73	339.24 7.14 0.00	68.72 1.75 0.00	47.89 1.15 0.00	48.97 1.07 0.00	46.95 0.80 0.00	48.53 0.55 0.00	53.40 0.35 0.00
OCC_CHEM___DRP 24175	53.07 -0.58 0.00	55.27 -0.74 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.78 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.18 -1.76 0.00	57.56 -2.68 0.00	69.83 -3.84 0.00	65.97 -4.24 0.00	66.55 -4.77 0.00	70.61 -4.96 -0.94	67.32 -4.04 -8.81	23.27 -1.11 -0.68	323.81 -8.28 0.00	64.43 -2.54 0.00	45.18 -1.56 0.00	45.95 -1.95 0.00	43.67 -2.48 0.00	45.49 -2.49 0.00	51.00 -2.05 0.00
OH_GEN_PROXY 24063	53.31 -0.33 0.00	55.55 -0.46 0.00	49.33 -0.81 0.60	41.30 -1.35 0.00	35.63 -1.13 0.00	34.50 -0.93 0.00	39.08 -1.44 0.00	42.75 -1.42 0.00	39.58 -0.75 0.00	84.60 -1.35 -36.01	96.83 -2.20 -38.79	70.51 -3.16 0.00	67.05 -3.16 0.00	67.71 -3.61 0.00	71.69 -3.88 -0.93	68.38 -2.90 -8.73	23.59 -0.79 -0.67	327.76 -4.33 0.00	65.49 -1.48 0.00	45.84 -0.90 0.00	46.66 -1.24 0.00	44.37 -1.78 0.00	46.15 -1.82 0.00	51.62 -1.43 0.00
OLIN_CORP_DRP 24177	53.25 -0.39 0.00	55.49 -0.52 0.00	49.87 -0.88 0.00	41.21 -1.44 0.00	35.56 -1.20 0.00	34.43 -1.00 0.00	38.81 -1.71 0.00	42.41 -1.76 0.00	39.29 -1.04 0.00	48.17 -1.77 0.00	57.54 -2.69 0.00	69.80 -3.87 0.00	66.34 -3.88 0.00	66.91 -4.41 0.00	71.00 -4.58 -0.95	67.72 -3.71 -8.89	23.45 -0.94 -0.69	325.71 -6.38 0.00	64.84 -2.13 0.00	45.48 -1.26 0.00	46.27 -1.62 0.00	43.97 -2.19 0.00	45.76 -2.21 0.00	51.39 -1.66 0.00
OLIN_CORP_DSASP 323712	53.07 -0.57 0.00	55.28 -0.73 0.00	49.69 -1.06 0.00	41.07 -1.58 0.00	35.43 -1.33 0.00	34.30 -1.14 0.00	38.79 -1.73 0.00	42.44 -1.73 0.00	39.30 -1.03 0.00	48.19 -1.75 0.00	57.50 -2.74 0.00	69.83 -3.84 0.00	65.96 -4.25 0.00	66.57 -4.75 0.00	70.53 -5.04 -0.94	67.38 -3.98 -8.81	23.28 -1.10 -0.68	323.85 -8.24 0.00	64.48 -2.49 0.00	45.17 -1.57 0.00	45.93 -1.96 0.00	43.68 -2.47 0.00	45.49 -2.48 0.00	51.00 -2.05 0.00
ONEIDA_HERK_LFGE 323681	55.03 1.38 0.00	57.64 1.58 -0.05	52.22 1.47 0.00	43.82 1.17 0.00	37.69 0.93 0.00	36.36 0.93 0.00	41.75 1.23 0.00	45.76 1.59 0.00	42.09 1.76 0.00	52.07 2.13 0.00	62.69 2.46 0.00	76.58 2.52 -0.40	72.30 1.82 -0.27	73.29 1.79 -0.18	-5.92 2.11 82.66	61.85 1.87 2.57	24.36 0.66 0.00	342.12 10.03 0.00	69.48 2.51 0.00	48.73 1.99 0.00	50.21 2.31 0.00	48.37 2.22 0.00	50.26 2.29 0.00	55.29 2.24 0.00
ONEIDA___115KV_TB4 55905	55.72 2.08 0.00	58.19 2.11 -0.07	52.57 1.82 0.00	44.12 1.47 0.00	38.04 1.27 0.00	36.81 1.37 0.00	42.23 1.71 0.00	46.14 1.97 0.00	42.32 2.00 0.00	52.26 2.32 0.00	62.99 2.75 0.00	76.93 2.71 -0.55	72.70 2.12 -0.37	73.78 2.21 -0.25	40.50 2.45 36.58	63.47 2.06 1.14	24.38 0.68 0.00	343.04 10.95 0.00	69.66 2.69 0.00	48.69 1.95 0.00	49.99 2.10 0.00	48.12 1.97 0.00	50.09 2.12 0.00	55.06 2.01 0.00
ONONDAGA_REF_OCCRA 23987	54.04 0.40 0.00	56.46 0.28 -0.17	50.85 0.10 0.00	42.62 -0.03 0.00	36.79 0.03 0.00	35.64 0.20 0.00	40.80 0.28 0.00	44.53 0.36 0.00	40.75 0.42 0.00	50.41 0.47 0.00	60.78 0.54 -0.01	75.55 0.52 -1.35	71.83 0.71 -0.91	72.81 0.86 -0.63	61.76 0.80 13.67	69.15 0.69 -5.91	24.44 0.25 -0.49	336.78 4.69 0.00	68.07 1.10 0.00	47.50 0.76 0.00	48.64 0.75 0.00	46.68 0.52 0.00	48.23 0.26 0.00	53.09 0.04 0.00
ONONDAGA___COGEN 23986	53.95 0.30 0.00	56.44 0.18 -0.25	50.78 0.03 0.00	42.55 -0.10 0.00	36.72 -0.04 0.00	35.56 0.12 0.00	40.71 0.19 0.00	44.40 0.23 0.00	40.56 0.23 0.00	50.09 0.15 0.00	60.35 0.10 -0.01	75.61 -0.09 -2.03	71.82 0.25 -1.36	72.53 0.27 -0.94	61.61 0.22 13.24	68.04 0.23 -5.26	24.24 0.09 -0.44	334.55 2.46 0.00	67.60 0.63 0.00	47.18 0.44 0.00	48.33 0.43 0.00	46.36 0.21 0.00	47.93 -0.04 0.00	52.74 -0.31 0.00
ONTARIO___LFGE 23819	54.80 1.16 0.00	57.01 0.91 -0.09	51.29 0.54 0.00	42.94 0.30 0.00	37.18 0.42 0.00	36.12 0.68 0.00	41.35 0.83 0.00	45.09 0.92 0.00	41.58 1.25 0.00	51.22 1.28 0.00	61.60 1.36 0.00	75.55 1.16 -0.73	72.10 1.41 -0.49	72.93 1.28 -0.34	76.53 0.75 -1.15	71.84 0.96 -8.33	24.88 0.54 -0.64	342.53 10.44 0.00	69.42 2.45 0.00	48.55 1.81 0.00	49.66 1.76 0.00	47.46 1.30 0.00	48.98 1.01 0.00	53.91 0.86 0.00
ORANGEVILLE_WT_PWR 323706	53.26 -0.38 0.00	55.51 -0.50 0.00	49.93 -0.82 0.00	41.46 -1.19 0.00	35.81 -0.95 0.00	34.86 -0.58 0.00	39.63 -0.89 0.00	43.28 -0.89 0.00	40.03 -0.30 0.00	49.16 -0.78 0.00	59.05 -1.19 0.00	71.61 -2.05 0.00	68.37 -1.84 0.00	69.10 -2.21 0.00	72.88 -2.90 -1.15	71.32 -1.99 -10.76	24.05 -0.48 -0.83	332.35 0.26 0.00	67.11 0.14 0.00	47.06 0.32 0.00	48.09 0.19 0.00	45.80 -0.35 0.00	47.53 -0.44 0.00	52.88 -0.17 0.00
ORANGEVILLE___ESR 323794	53.26 -0.38 0.00	55.51 -0.50 0.00	49.93 -0.82 0.00	41.46 -1.19 0.00	35.81 -0.95 0.00	34.86 -0.58 0.00	39.63 -0.89 0.00	43.28 -0.89 0.00	40.03 -0.30 0.00	49.16 -0.78 0.00	59.05 -1.19 0.00	71.61 -2.05 0.00	68.37 -1.84 0.00	69.10 -2.21 0.00	72.88 -2.90 -1.15	71.32 -1.99 -10.76	24.05 -0.48 -0.83	332.35 0.26 0.00	67.11 0.14 0.00	47.06 0.32 0.00	48.09 0.19 0.00	45.80 -0.35 0.00	47.53 -0.44 0.00	52.88 -0.17 0.00
OSWEGATCHIE___HYD 24044	54.50 0.85 0.00	57.35 1.26 -0.08	51.90 1.15 0.00	43.55 0.90 0.00	37.39 0.62 0.00	35.75 0.31 0.00	41.02 0.51 0.00	45.07 0.90 0.00	41.54 1.21 0.00	51.27 1.33 0.00	61.17 0.94 0.00	74.71 0.42 -0.62	70.07 -0.56 -0.41	70.42 -1.18 -0.29	-341.69 -1.88 414.44	48.20 -1.50 12.85	23.17 -0.53 0.00	325.23 -6.86 0.00	65.94 -1.02 0.00	46.62 -0.12 0.00	48.29 0.39 0.00	46.72 0.57 0.00	49.37 1.40 0.00	54.77 1.72 0.00
OSWEGO___5 23606	52.76 -0.88 0.00	56.07 -1.02 -1.08	49.74 -1.01 0.00	41.73 -0.92 0.00	36.00 -0.76 0.00	34.82 -0.62 0.00	39.83 -0.69 0.00	43.46 -0.71 0.00	39.75 -0.58 0.00	49.17 -0.77 0.00	59.31 -0.97 -0.04	80.90 -1.35 -8.58	74.84 -1.12 -5.75	74.20 -1.10 -3.98	76.54 -1.20 -3.10	61.62 -0.93 0.00	23.36 -0.34 0.00	328.23 -3.86 0.00	66.24 -0.73 0.00	46.26 -0.48 0.00	47.38 -0.52 0.00	45.52 -0.63 0.00	47.15 -0.82 0.00	52.00 -1.05 0.00
OSWEGO___6 23613	52.76 -0.88 0.00	56.07 -1.02 -1.08	49.74 -1.01 0.00	41.73 -0.92 0.00	36.00 -0.76 0.00	34.82 -0.62 0.00	39.83 -0.69 0.00	43.46 -0.71 0.00	39.75 -0.58 0.00	49.17 -0.77 0.00	59.31 -0.97 -0.04	80.90 -1.35 -8.58	74.84 -1.12 -5.75	74.20 -1.10 -3.98	76.54 -1.20 -3.10	61.62 -0.93 0.00	23.36 -0.34 0.00	328.23 -3.86 0.00	66.24 -0.73 0.00	46.26 -0.48 0.00	47.38 -0.52 0.00	45.52 -0.63 0.00	47.15 -0.82 0.00	52.00 -1.05 0.00

PORT_JEFF_IC 23713	55.05 1.41 0.00	57.03 1.02 0.00	51.65 0.90 0.00	43.11 0.46 0.00	37.42 0.66 0.00	36.66 1.22 0.00	42.01 1.49 0.00	46.25 2.08 0.00	42.31 1.98 0.00	52.94 3.00 0.00	65.48 4.95 -0.29	79.30 5.22 -0.41	79.28 5.61 -3.45	82.25 7.07 -3.87	111.95 8.45 -28.86	1658.40 3.74 -1592.11	523.38 1.87 -497.81	1026.56 29.35 -665.12	87.95 6.53 -14.45	49.45 3.33 0.61	50.90 3.01 0.00	48.69 2.54 0.00	50.13 2.16 0.00	54.96 1.91 0.00
PPL PILGRIM_ST_GT1 24216	55.56 1.92 0.00	57.56 1.55 0.00	52.16 1.41 0.00	43.54 0.89 0.00	37.82 1.05 0.00	37.02 1.58 0.00	42.40 1.88 0.00	46.66 2.49 0.00	42.62 2.30 0.00	53.25 3.31 0.00	65.82 5.30 -0.29	87.42 5.54 -8.22	122.86 6.45 -46.20	121.80 7.76 -42.72	114.09 8.94 -30.52	1667.56 4.47 -1600.54	525.50 2.07 -499.73	830.30 32.06 -466.15	97.15 6.93 -23.25	49.93 3.78 0.59	51.46 3.57 0.00	49.22 3.07 0.00	50.50 2.53 0.00	55.27 2.22 0.00
PPL PILGRIM_ST_GT2 24217	55.56 1.92 0.00	57.56 1.55 0.00	52.16 1.41 0.00	43.54 0.89 0.00	37.82 1.05 0.00	37.02 1.58 0.00	42.40 1.88 0.00	46.66 2.49 0.00	42.62 2.30 0.00	53.25 3.31 0.00	65.82 5.30 -0.29	87.42 5.54 -8.22	122.86 6.45 -46.20	121.80 7.76 -42.72	114.09 8.94 -30.52	1667.56 4.47 -1600.54	525.50 2.07 -499.73	830.30 32.06 -466.15	97.15 6.93 -23.25	49.93 3.78 0.59	51.46 3.57 0.00	49.22 3.07 0.00	50.50 2.53 0.00	55.27 2.22 0.00
PPL_SHRM_GT3 24213	54.50 0.85 0.00	56.39 0.38 0.00	51.05 0.30 0.00	42.59 -0.06 0.00	36.98 0.21 0.00	36.23 0.80 0.00	41.54 1.02 0.00	45.77 1.60 0.00	41.85 1.52 0.00	52.36 2.42 0.00	64.83 4.31 -0.29	78.57 4.43 -0.47	79.39 5.40 -3.77	82.51 7.04 -4.16	111.63 8.38 -28.61	1657.61 2.27 -1592.79	523.41 1.18 -498.52	941.30 27.49 -581.72	84.92 6.10 -11.85	49.50 3.37 0.62	51.03 3.14 0.00	48.79 2.63 0.00	49.98 2.01 0.00	54.71 1.66 0.00
PPL_SHRM_GT4 24214	54.50 0.85 0.00	56.39 0.38 0.00	51.05 0.30 0.00	42.59 -0.06 0.00	36.98 0.21 0.00	36.23 0.80 0.00	41.54 1.02 0.00	45.77 1.60 0.00	41.85 1.52 0.00	52.36 2.42 0.00	64.83 4.31 -0.29	78.57 4.43 -0.47	79.39 5.40 -3.77	82.51 7.04 -4.16	111.63 8.38 -28.61	1657.61 2.27 -1592.79	523.41 1.18 -498.52	941.30 27.49 -581.72	84.92 6.10 -11.85	49.50 3.37 0.62	51.03 3.14 0.00	48.79 2.63 0.00	49.98 2.01 0.00	54.71 1.66 0.00
PROJECT___ORANGE 1 24174	53.75 0.11 0.00	56.13 -0.03 -0.14	50.59 -0.16 0.00	42.41 -0.24 0.00	36.61 -0.15 0.00	35.45 0.01 0.00	40.57 0.05 0.00	44.29 0.13 0.00	40.55 0.22 0.00	50.16 0.22 0.00	60.52 0.28 0.00	74.97 0.18 -1.11	71.35 0.39 -0.75	72.31 0.48 -0.52	58.02 0.47 17.08	62.43 0.41 0.54	23.83 0.13 0.00	334.98 2.89 0.00	67.63 0.66 0.00	47.17 0.43 0.00	48.31 0.41 0.00	46.35 0.20 0.00	47.91 -0.06 0.00	52.74 -0.31 0.00
PROJECT___ORANGE 2 24166	53.75 0.11 0.00	56.13 -0.03 -0.14	50.59 -0.16 0.00	42.41 -0.24 0.00	36.61 -0.15 0.00	35.45 0.01 0.00	40.57 0.05 0.00	44.29 0.13 0.00	40.55 0.22 0.00	50.16 0.22 0.00	60.52 0.28 0.00	74.97 0.18 -1.11	71.35 0.39 -0.75	72.31 0.48 -0.52	58.02 0.47 17.08	62.43 0.41 0.54	23.83 0.13 0.00	334.98 2.89 0.00	67.63 0.66 0.00	47.17 0.43 0.00	48.31 0.41 0.00	46.35 0.20 0.00	47.91 -0.06 0.00	52.74 -0.31 0.00
PUCKETT___SOLAR 323809	54.19 0.55 0.00	56.56 0.45 -0.10	50.96 0.21 0.00	42.73 0.08 0.00	36.96 0.20 0.00	35.87 0.43 0.00	41.07 0.55 0.00	44.76 0.59 0.00	40.92 0.59 0.00	50.98 1.04 0.00	62.08 1.85 0.00	76.38 1.92 -0.79	72.78 2.04 -0.53	74.52 2.84 -0.37	79.47 1.75 -3.09	86.66 1.53 -22.57	26.15 0.66 -1.79	343.58 11.49 0.00	69.82 2.85 0.00	48.89 2.15 0.00	49.97 2.08 0.00	47.91 1.76 0.00	49.43 1.46 0.00	54.38 1.33 0.00
PYRITES___HYD 24023	55.79 2.15 0.00	58.40 2.39 0.00	52.84 2.09 0.00	44.38 1.73 0.00	38.19 1.42 0.00	36.33 0.89 0.00	41.55 1.04 0.00	45.44 1.27 0.00	41.69 1.36 0.00	51.45 1.51 0.00	60.85 0.61 0.00	73.45 -0.22 0.00	68.60 -1.61 0.00	68.87 -2.45 0.00	-596.22 -4.16 666.70	38.80 -3.61 20.13	22.43 -1.27 0.00	316.09 -16.00 0.00	64.04 -2.93 0.00	45.42 -1.32 0.00	47.05 -0.84 0.00	45.65 -0.50 0.00	48.91 0.94 0.00	54.76 1.71 0.00
QUAKERRD_115KV_BK1 80622	53.66 0.01 0.00	55.81 -0.19 0.00	50.26 -0.49 0.00	41.83 -0.82 0.00	36.10 -0.67 0.00	34.96 -0.48 0.00	39.87 -0.64 0.00	43.64 -0.53 0.00	40.19 -0.13 0.00	49.54 -0.40 0.00	59.50 -0.74 0.00	72.38 -1.29 0.00	69.05 -1.16 0.00	69.98 -1.34 0.00	74.02 -1.33 -0.71	68.27 -0.95 -6.67	23.97 -0.25 -0.51	332.54 0.45 0.00	66.69 -0.28 0.00	46.68 -0.06 0.00	47.70 -0.20 0.00	45.57 -0.58 0.00	47.16 -0.81 0.00	52.19 -0.86 0.00
QUENSBRY_115KV_TB8 356137	56.47 2.83 0.00	58.77 2.76 0.00	53.10 2.35 0.00	44.62 1.97 0.00	38.54 1.78 0.00	37.49 2.05 0.00	43.47 2.95 0.00	47.10 2.92 0.00	42.99 2.66 0.00	53.21 3.27 0.00	64.12 3.88 0.00	78.50 4.83 0.00	75.49 5.28 0.00	76.60 5.29 0.00	85.33 6.13 -4.57	26.80 4.38 40.13	22.18 1.60 3.12	356.78 24.69 0.00	72.87 5.90 0.00	50.67 3.93 0.00	52.00 4.11 0.00	49.66 3.51 0.00	50.97 3.00 0.00	55.69 2.64 0.00
RAMAPO___LBMP 323565	54.80 1.15 0.00	56.96 0.95 0.00	51.53 0.78 0.00	43.33 0.69 0.00	37.52 0.75 0.00	36.57 1.13 0.00	41.89 1.37 0.00	45.83 1.66 0.00	41.86 1.53 0.00	52.10 2.16 0.00	63.22 2.98 0.00	77.68 4.01 0.00	75.11 4.90 0.00	77.34 6.03 0.00	105.18 6.97 -23.58	121.51 5.20 -53.77	-4.98 1.85 30.54	324.08 24.53 32.53	72.04 5.08 0.00	49.88 3.14 0.00	51.01 3.12 0.00	48.95 2.80 0.00	50.16 2.19 0.00	54.96 1.92 0.00
RANKINE____ 23646	54.45 0.81 0.00	56.68 0.67 0.00	50.82 0.07 0.00	42.02 -0.63 0.00	36.29 -0.47 0.00	35.20 -0.24 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.53 0.20 0.00	49.82 -0.12 0.00	59.71 -0.52 0.00	72.46 -1.21 0.00	68.99 -1.22 0.00	69.80 -1.51 0.00	73.92 -1.74 -1.03	70.88 -1.25 -9.58	24.33 -0.11 -0.74	337.41 5.32 0.00	67.63 0.66 0.00	47.32 0.58 0.00	48.16 0.26 0.00	45.72 -0.43 0.00	47.47 -0.50 0.00	52.94 -0.11 0.00
RAVENSWOOD_GT2_1 24244	55.26 1.62 0.00	57.38 1.37 0.00	52.01 1.26 0.00	43.77 1.11 0.00	37.93 1.17 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.92 0.00	78.91 5.24 0.00	76.47 6.26 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.16 -2352.41	506.85 2.16 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.65 3.91 0.00	51.79 3.89 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.74 2.69 0.00
RAVENSWOOD_GT2_2 24245	55.26 1.62 0.00	57.38 1.37 0.00	52.01 1.26 0.00	43.77 1.11 0.00	37.93 1.17 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.92 0.00	78.91 5.24 0.00	76.47 6.26 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.16 -2352.41	506.85 2.16 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.65 3.91 0.00	51.79 3.89 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.74 2.69 0.00

RAVENSWOOD_GT2_3 24246	55.29 1.65 0.00	57.42 1.41 0.00	52.03 1.28 0.00	43.80 1.15 0.00	37.95 1.19 0.00	37.06 1.62 0.00	42.46 1.94 0.00	46.59 2.42 0.00	42.59 2.26 0.00	52.99 3.05 0.00	64.22 3.98 0.00	78.96 5.30 0.00	76.53 6.32 0.00	78.80 7.49 0.00	300.01 8.50 -216.88	2421.18 6.23 -2352.41	506.86 2.18 -480.99	620.92 29.31 -259.52	73.27 6.30 0.00	50.69 3.95 0.00	51.82 3.93 0.00	49.78 3.63 0.00	51.03 3.06 0.00	55.77 2.72 0.00
RAVENSWOOD_GT2_4 24247	55.29 1.65 0.00	57.42 1.41 0.00	52.03 1.28 0.00	43.80 1.15 0.00	37.95 1.19 0.00	37.06 1.62 0.00	42.46 1.94 0.00	46.59 2.42 0.00	42.59 2.26 0.00	52.99 3.05 0.00	64.22 3.98 0.00	78.96 5.30 0.00	76.53 6.32 0.00	78.80 7.49 0.00	300.01 8.50 -216.88	2421.18 6.23 -2352.41	506.86 2.18 -480.99	620.92 29.31 -259.52	73.27 6.30 0.00	50.69 3.95 0.00	51.82 3.93 0.00	49.78 3.63 0.00	51.03 3.06 0.00	55.77 2.72 0.00
RAVENSWOOD_GT3_1 24248	55.28 1.64 0.00	57.38 1.37 0.00	52.01 1.26 0.00	43.77 1.11 0.00	37.93 1.17 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.92 0.00	78.91 5.24 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.16 -2352.41	506.85 2.16 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.79 3.90 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.74 2.69 0.00
RAVENSWOOD_GT3_2 24249	55.28 1.64 0.00	57.38 1.37 0.00	52.01 1.26 0.00	43.77 1.11 0.00	37.93 1.17 0.00	37.03 1.59 0.00	42.43 1.91 0.00	46.55 2.38 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.92 0.00	78.91 5.24 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.16 -2352.41	506.85 2.16 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.79 3.90 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.74 2.69 0.00
RAVENSWOOD_GT3_3 24250	55.39 1.75 0.00	57.50 1.49 0.00	52.12 1.37 0.00	43.85 1.20 0.00	38.00 1.24 0.00	37.10 1.66 0.00	42.52 2.00 0.00	46.65 2.49 0.00	42.65 2.32 0.00	53.08 3.14 0.00	64.34 4.10 0.00	79.11 5.44 0.00	76.67 6.46 0.00	78.95 7.63 0.00	300.16 8.65 -216.88	2421.31 6.35 -2352.41	506.92 2.23 -480.99	621.59 29.98 -259.52	73.38 6.42 0.00	50.78 4.04 0.00	51.92 4.02 0.00	49.86 3.71 0.00	51.11 3.14 0.00	55.87 2.81 0.00
RAVENSWOOD_GT3_4 24251	55.39 1.75 0.00	57.50 1.49 0.00	52.12 1.37 0.00	43.85 1.20 0.00	38.00 1.24 0.00	37.10 1.66 0.00	42.52 2.00 0.00	46.65 2.49 0.00	42.65 2.32 0.00	53.08 3.14 0.00	64.34 4.10 0.00	79.11 5.44 0.00	76.67 6.46 0.00	78.95 7.63 0.00	300.16 8.65 -216.88	2421.31 6.35 -2352.41	506.92 2.23 -480.99	621.59 29.98 -259.52	73.38 6.42 0.00	50.78 4.04 0.00	51.92 4.02 0.00	49.86 3.71 0.00	51.11 3.14 0.00	55.87 2.81 0.00
RAVENSWOOD_GT_1 23729	49.24 1.33 5.73	55.99 1.10 1.12	51.80 1.05 0.00	43.70 1.05 0.00	37.86 1.10 0.00	36.98 1.55 0.00	42.34 1.82 0.00	46.46 2.28 0.00	42.46 2.13 0.00	52.78 2.84 0.00	63.85 3.62 0.00	78.53 4.86 0.00	76.14 5.93 0.00	79.64 7.08 -1.24	96.81 8.07 -14.12	716.17 5.81 -647.82	242.28 2.04 -216.54	357.53 27.09 1.66	73.10 6.13 0.00	50.52 3.78 0.00	51.62 3.72 0.00	49.75 3.60 0.00	50.89 2.92 0.00	55.56 2.51 0.00
RAVENSWOOD_GT_10 24258	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.04 1.60 0.00	42.44 1.92 0.00	46.56 2.39 0.00	42.56 2.23 0.00	52.96 3.02 0.00	64.18 3.94 0.00	78.93 5.26 0.00	76.48 6.27 0.00	78.99 7.43 -0.24	302.59 8.46 -219.50	2421.55 6.17 -2352.83	506.86 2.17 -480.99	620.69 29.09 -259.52	73.22 6.26 0.00	50.67 3.93 0.00	51.80 3.91 0.00	49.76 3.61 0.00	50.99 3.02 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_11 24259	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.04 1.60 0.00	42.44 1.92 0.00	46.56 2.39 0.00	42.56 2.23 0.00	52.96 3.02 0.00	64.18 3.94 0.00	78.93 5.26 0.00	76.48 6.27 0.00	78.99 7.43 -0.24	302.59 8.46 -219.50	2421.55 6.17 -2352.83	506.86 2.17 -480.99	620.69 29.09 -259.52	73.22 6.26 0.00	50.67 3.93 0.00	51.80 3.91 0.00	49.76 3.61 0.00	50.99 3.02 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_4 24252	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.55 2.39 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.93 0.00	78.92 5.25 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.17 -2352.41	506.85 2.17 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.80 3.91 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_5 24254	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.55 2.39 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.93 0.00	78.92 5.25 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.17 -2352.41	506.85 2.17 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.80 3.91 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_6 24253	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.55 2.39 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.93 0.00	78.92 5.25 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.17 -2352.41	506.85 2.17 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.80 3.91 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_7 24255	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.03 1.59 0.00	42.44 1.92 0.00	46.55 2.39 0.00	42.56 2.23 0.00	52.95 3.01 0.00	64.16 3.93 0.00	78.92 5.25 0.00	76.48 6.27 0.00	78.73 7.42 0.00	299.95 8.43 -216.88	2421.12 6.17 -2352.41	506.85 2.17 -480.99	620.60 28.99 -259.52	73.22 6.26 0.00	50.66 3.92 0.00	51.80 3.91 0.00	49.76 3.60 0.00	50.99 3.01 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.04 1.60 0.00	42.44 1.92 0.00	46.56 2.39 0.00	42.56 2.23 0.00	52.96 3.02 0.00	64.18 3.94 0.00	78.93 5.26 0.00	76.48 6.27 0.00	78.99 7.43 -0.24	302.59 8.46 -219.50	2421.55 6.17 -2352.83	506.86 2.17 -480.99	620.69 29.09 -259.52	73.22 6.26 0.00	50.67 3.93 0.00	51.80 3.91 0.00	49.76 3.61 0.00	50.99 3.02 0.00	55.75 2.70 0.00
RAVENSWOOD_GT_9 24257	55.27 1.63 0.00	57.39 1.38 0.00	52.01 1.26 0.00	43.77 1.12 0.00	37.94 1.17 0.00	37.04 1.60 0.00	42.44 1.92 0.00	46.56 2.39 0.00	42.56 2.23 0.00	52.96 3.02 0.00	64.18 3.94 0.00	78.93 5.26 0.00	76.48 6.27 0.00	78.99 7.43 -0.24	302.59 8.46 -219.50	2421.55 6.17 -2352.83	506.86 2.17 -480.99	620.69 29.09 -259.52	73.22 6.26 0.00	50.67 3.93 0.00	51.80 3.91 0.00	49.76 3.61 0.00	50.99 3.02 0.00	55.75 2.70 0.00

ROCHESRG_115KV_T4 355643	54.65 1.01 0.00	56.86 0.85 0.00	51.15 0.40 0.00	42.51 -0.14 0.00	36.68 -0.08 0.00	35.53 0.09 0.00	40.47 -0.05 0.00	44.29 0.12 0.00	40.84 0.52 0.00	50.31 0.37 0.00	60.37 0.14 0.00	73.36 -0.30 0.00	69.89 -0.32 0.00	70.80 -0.51 0.00	74.92 -0.44 -0.73	69.20 -0.19 -6.84	24.30 0.07 -0.53	337.62 5.53 0.00	67.62 0.65 0.00	47.35 0.61 0.00	48.39 0.50 0.00	46.19 0.04 0.00	47.85 -0.12 0.00	53.07 0.02 0.00
ROCHESTER_9_IC 23652	55.19 1.55 0.00	57.39 1.38 0.00	51.59 0.84 0.00	42.86 0.22 0.00	36.98 0.21 0.00	35.82 0.39 0.00	40.82 0.30 0.00	44.70 0.53 0.00	41.24 0.92 0.00	50.79 0.85 0.00	60.95 0.72 0.00	74.09 0.42 0.00	70.59 0.37 0.00	71.53 0.22 0.00	75.71 0.34 -0.74	69.92 0.47 -6.90	24.56 0.33 -0.53	341.32 9.23 0.00	68.30 1.33 0.00	47.85 1.11 0.00	48.88 0.99 0.00	46.65 0.50 0.00	48.28 0.30 0.00	53.52 0.47 0.00
ROCKVIEW_13_KV_LD 356306	55.54 1.90 0.00	57.71 1.70 0.00	52.24 1.49 0.00	43.93 1.29 0.00	38.05 1.29 0.00	37.14 1.70 0.00	42.55 2.04 0.00	46.65 2.48 0.00	42.64 2.31 0.00	53.07 3.13 0.00	64.41 4.17 0.00	79.16 5.49 0.00	76.67 6.46 0.00	78.95 7.63 0.00	300.24 8.69 -216.92	2421.89 6.48 -2352.86	507.09 2.31 -481.08	622.78 31.12 -259.57	73.52 6.56 0.00	50.88 4.14 0.00	52.00 4.11 0.00	49.90 3.75 0.00	51.10 3.13 0.00	55.86 2.82 0.00
ROME____115KV_TB2 80656	56.24 2.60 0.00	58.78 2.70 -0.06	53.14 2.39 0.00	44.57 1.92 0.00	38.38 1.61 0.00	37.13 1.69 0.00	42.61 2.09 0.00	46.63 2.46 0.00	42.86 2.53 0.00	52.86 2.92 0.00	63.72 3.49 0.00	77.80 3.62 -0.51	73.42 2.87 -0.34	74.53 2.98 -0.24	24.57 3.34 53.40	63.78 2.89 1.66	24.68 0.98 0.00	347.40 15.31 0.00	70.64 3.67 0.00	49.44 2.70 0.00	50.83 2.93 0.00	48.89 2.74 0.00	50.84 2.87 0.00	55.84 2.79 0.00
ROSETON___1 23587	54.58 0.94 0.00	56.79 0.78 0.00	51.46 0.71 0.00	43.29 0.64 0.00	37.45 0.69 0.00	36.50 1.06 0.00	41.80 1.28 0.00	45.69 1.52 0.00	41.69 1.36 0.00	51.82 1.88 0.00	62.83 2.59 0.00	77.16 3.49 0.00	74.58 4.37 0.00	76.63 5.31 0.00	81.91 6.11 -1.17	-23.02 4.57 90.14	19.52 1.62 5.80	353.37 21.21 -0.06	71.44 4.46 0.00	49.53 2.79 0.00	50.70 2.80 0.00	48.68 2.53 0.00	49.93 1.96 0.00	54.67 1.62 0.00
ROSETON___2 23588	54.58 0.94 0.00	56.79 0.78 0.00	51.46 0.71 0.00	43.29 0.64 0.00	37.45 0.69 0.00	36.50 1.06 0.00	41.80 1.28 0.00	45.69 1.52 0.00	41.69 1.36 0.00	51.82 1.88 0.00	62.83 2.59 0.00	77.16 3.49 0.00	74.58 4.37 0.00	76.63 5.31 0.00	81.91 6.11 -1.17	-23.02 4.57 90.14	19.52 1.62 5.80	353.37 21.21 -0.06	71.44 4.46 0.00	49.53 2.79 0.00	50.70 2.80 0.00	48.68 2.53 0.00	49.93 1.96 0.00	54.67 1.62 0.00
ROTTRDAM_115KV_TB3 80664	54.78 1.14 0.00	57.13 1.12 0.00	51.79 1.05 0.00	43.57 0.92 0.00	37.61 0.85 0.00	36.48 1.05 0.00	41.78 1.26 0.00	45.50 1.33 0.00	41.40 1.07 0.00	51.33 1.39 0.00	61.96 1.73 0.00	75.82 2.16 0.00	72.74 2.54 0.00	74.10 2.78 0.00	79.06 3.16 -1.27	26.76 2.38 38.17	21.57 0.84 2.97	344.35 12.25 0.00	69.74 2.77 0.00	48.66 1.92 0.00	49.88 1.98 0.00	47.95 1.80 0.00	49.42 1.45 0.00	54.28 1.23 0.00
RUSSELL___1 23602	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
RUSSELL___2 23532	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
RUSSELL___3 23549	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
RUSSELL___4 23556	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
RUSSELL___STATION 23914	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
S SALMON___HYD 24043	53.77 0.12 0.00	56.58 0.27 -0.30	50.87 0.12 0.00	42.67 0.03 0.00	36.71 -0.06 0.00	35.46 0.02 0.00	40.69 0.17 0.00	44.65 0.48 0.00	41.00 0.67 0.00	50.69 0.75 0.00	61.04 0.79 -0.01	76.68 0.59 -2.43	72.36 0.52 -1.63	72.70 0.26 -1.13	15.68 0.19 59.15	60.91 0.22 1.86	23.75 0.05 0.00	333.12 1.03 0.00	67.51 0.54 0.00	47.46 0.72 0.00	48.98 1.09 0.00	47.25 1.10 0.00	48.94 0.97 0.00	53.83 0.78 0.00
S.PERRY__115KV_TB1 80734	54.76 1.12 0.00	56.79 0.78 0.00	51.21 0.45 0.00	42.65 0.00 0.00	36.80 0.04 0.00	35.84 0.40 0.00	40.98 0.46 0.00	44.81 0.65 0.00	41.33 1.01 0.00	50.53 0.59 0.00	59.57 -0.67 0.00	70.48 -3.19 0.00	67.17 -3.04 0.00	67.92 -3.40 0.00	71.89 -3.82 -1.08	70.02 -2.59 -10.06	23.83 -0.64 -0.78	328.30 -3.79 0.00	66.36 -0.61 0.00	47.12 0.38 0.00	48.33 0.44 0.00	46.26 0.11 0.00	48.00 0.02 0.00	54.63 1.58 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.12 0.48 0.00	56.34 0.33 0.00	50.57 -0.18 0.00	41.80 -0.85 0.00	36.07 -0.69 0.00	34.95 -0.48 0.00	39.62 -0.90 0.00	43.35 -0.82 0.00	40.18 -0.15 0.00	49.33 -0.61 0.00	59.05 -1.19 0.00	71.65 -2.01 0.00	68.19 -2.02 0.00	68.88 -2.43 0.00	73.02 -2.60 -0.98	69.75 -1.98 -9.18	24.04 -0.37 -0.71	333.74 1.66 0.00	66.74 -0.23 0.00	46.75 0.01 0.00	47.56 -0.34 0.00	45.17 -0.98 0.00	46.95 -1.02 0.00	52.45 -0.60 0.00

SAWYER___23_KV_LOAD 55526	54.12 0.48 0.00	56.34 0.33 0.00	50.57 -0.18 0.00	41.80 -0.85 0.00	36.07 -0.69 0.00	34.95 -0.48 0.00	39.62 -0.90 0.00	43.35 -0.82 0.00	40.18 -0.15 0.00	49.33 -0.61 0.00	59.05 -1.19 0.00	71.65 -2.01 0.00	68.19 -2.02 0.00	68.88 -2.43 0.00	73.02 -2.60 -0.98	69.75 -1.98 -9.18	24.04 -0.37 -0.71	333.74 1.66 0.00	66.74 -0.23 0.00	46.75 0.01 0.00	47.56 -0.34 0.00	45.17 -0.98 0.00	46.95 -1.02 0.00	52.45 -0.60 0.00
SELKIRK___I 23801	52.92 -0.72 0.00	55.21 -0.80 0.00	50.20 -0.55 0.00	42.29 -0.36 0.00	36.50 -0.26 0.00	35.48 0.04 0.00	40.57 0.05 0.00	44.03 -0.14 0.00	39.95 -0.38 0.00	49.38 -0.56 0.00	59.61 -0.63 0.00	73.27 -0.40 0.00	70.32 0.11 0.00	71.77 0.45 0.00	51.74 0.60 23.49	22.71 0.48 40.31	20.63 0.06 3.14	332.82 0.74 0.00	67.07 0.10 0.00	46.89 0.15 0.00	48.18 0.28 0.00	46.36 0.21 0.00	47.72 -0.25 0.00	52.58 -0.47 0.00
SELKIRK___II 23799	53.25 -0.39 0.00	55.58 -0.44 0.00	50.51 -0.24 0.00	42.56 -0.09 0.00	36.73 -0.03 0.00	35.71 0.28 0.00	40.87 0.34 0.00	44.43 0.26 0.00	40.38 0.05 0.00	49.93 -0.01 0.00	60.26 0.02 0.00	74.06 0.39 0.00	71.19 0.98 0.00	72.75 1.43 0.00	49.53 1.73 26.84	21.18 1.29 42.65	20.78 0.40 3.32	336.93 4.84 0.00	67.89 0.92 0.00	47.38 0.64 0.00	48.60 0.70 0.00	46.73 0.58 0.00	48.07 0.10 0.00	52.86 -0.20 0.00
SENECA OSWGO___HYD 24041	53.15 -0.50 0.00	55.87 -0.60 -0.46	50.07 -0.68 0.00	42.01 -0.64 0.00	36.24 -0.53 0.00	35.07 -0.36 0.00	40.14 -0.38 0.00	43.82 -0.34 0.00	40.10 -0.23 0.00	49.60 -0.33 0.00	59.84 -0.41 -0.02	76.62 -0.73 -3.68	72.24 -0.44 -2.47	72.55 -0.47 -1.71	55.27 -0.50 18.85	61.60 -0.33 0.62	23.58 -0.12 0.00	331.69 -0.40 0.00	66.97 0.00 0.00	46.71 -0.03 0.00	47.89 0.00 0.00	46.00 -0.15 0.00	47.54 -0.43 0.00	52.37 -0.68 0.00
SENECA___115KV_TB3 355854	54.59 0.95 0.00	56.80 0.79 0.00	50.93 0.17 0.00	42.11 -0.54 0.00	36.37 -0.40 0.00	35.27 -0.17 0.00	40.01 -0.50 0.00	43.81 -0.36 0.00	40.62 0.30 0.00	49.95 0.01 0.00	59.86 -0.38 0.00	72.64 -1.03 0.00	69.16 -1.05 0.00	69.97 -1.34 0.00	74.12 -1.54 -1.03	71.02 -1.11 -9.58	24.39 -0.05 -0.74	338.26 6.17 0.00	67.80 0.83 0.00	47.44 0.70 0.00	48.27 0.38 0.00	45.83 -0.33 0.00	47.59 -0.38 0.00	53.06 0.01 0.00
SENECA___ENERGY 23797	54.43 0.79 0.00	56.72 0.53 -0.19	51.01 0.26 0.00	42.66 0.02 0.00	36.86 0.10 0.00	35.78 0.35 0.00	40.97 0.46 0.00	44.69 0.52 0.00	41.10 0.77 0.00	50.74 0.80 0.00	61.07 0.82 -0.01	75.80 0.65 -1.48	72.16 0.95 -0.99	72.79 0.78 -0.69	64.96 0.43 10.10	70.14 0.55 -7.04	24.55 0.28 -0.57	339.26 7.17 0.00	68.68 1.71 0.00	48.03 1.29 0.00	49.13 1.23 0.00	46.98 0.83 0.00	48.52 0.55 0.00	53.38 0.33 0.00
SHOEMAKER___GT 23640	54.77 1.13 0.00	57.01 1.00 0.00	51.62 0.86 0.00	43.40 0.75 0.00	37.54 0.78 0.00	36.53 1.09 0.00	41.84 1.32 0.00	45.71 1.54 0.00	41.68 1.35 0.00	51.76 1.82 0.00	62.70 2.46 0.00	76.98 3.31 0.00	74.33 4.11 0.00	76.37 5.06 0.00	99.93 5.71 -19.59	173.69 4.38 -106.76	9.24 1.62 16.08	329.40 20.62 23.31	71.36 4.39 0.00	49.59 2.85 0.00	50.76 2.87 0.00	48.74 2.59 0.00	50.02 2.05 0.00	54.82 1.77 0.00
SHOEMAKR_138KV_BK 111 55601	54.73 1.09 0.00	56.96 0.94 0.00	51.57 0.82 0.00	43.36 0.71 0.00	37.51 0.75 0.00	36.51 1.07 0.00	41.80 1.28 0.00	45.68 1.51 0.00	41.67 1.34 0.00	51.77 1.83 0.00	62.72 2.49 0.00	77.02 3.36 0.00	74.36 4.15 0.00	76.40 5.09 0.00	97.52 5.77 -17.11	180.17 4.40 -113.22	11.42 1.61 13.89	330.80 20.71 22.00	71.38 4.41 0.00	49.56 2.81 0.00	50.72 2.82 0.00	48.70 2.55 0.00	49.98 2.01 0.00	54.77 1.72 0.00
SHOREHAM_IC_1 23715	54.50 0.85 0.00	56.39 0.38 0.00	51.05 0.30 0.00	42.59 -0.06 0.00	36.98 0.21 0.00	36.23 0.80 0.00	41.54 1.02 0.00	45.77 1.60 0.00	41.85 1.52 0.00	52.36 2.42 0.00	64.83 4.31 -0.29	78.57 4.43 -0.47	79.39 5.40 -3.77	82.51 7.04 -4.16	111.63 8.38 -28.61	1657.61 2.27 -1592.79	523.41 1.18 -498.52	941.30 27.49 -581.72	84.92 6.10 -11.85	49.50 3.37 0.62	51.03 3.14 0.00	48.79 2.63 0.00	49.98 2.01 0.00	54.71 1.66 0.00
SHOREHAM_IC_2 23716	54.50 0.86 0.00	56.39 0.38 0.00	51.05 0.30 0.00	42.59 -0.06 0.00	36.97 0.21 0.00	36.23 0.80 0.00	41.53 1.02 0.00	45.78 1.60 0.00	41.85 1.52 0.00	52.36 2.42 0.00	64.77 4.25 -0.29	78.58 4.44 -0.47	79.36 5.38 -3.77	82.51 7.04 -4.16	111.64 8.40 -28.61	1657.64 2.31 -1592.79	523.50 1.28 -498.52	941.52 27.71 -581.72	85.03 6.21 -11.85	49.56 3.44 0.62	51.03 3.14 0.00	48.79 2.64 0.00	49.99 2.01 0.00	54.71 1.66 0.00
SISSONVILLE____ 23735	54.28 0.64 0.00	56.97 0.92 -0.04	51.52 0.77 0.00	43.27 0.62 0.00	37.22 0.46 0.00	35.42 -0.02 0.00	40.53 0.02 0.00	44.31 0.15 0.00	40.68 0.35 0.00	50.18 0.24 0.00	59.40 -0.84 0.00	72.26 -1.71 -0.31	67.62 -2.79 -0.21	67.90 -3.56 -0.14	-559.11 -5.17 628.57	39.24 -4.34 18.97	22.17 -1.53 0.00	311.88 -20.21 0.00	62.92 -4.05 0.00	44.35 -2.39 0.00	45.72 -2.18 0.00	44.39 -1.77 0.00	47.65 -0.32 0.00	53.40 0.35 0.00
SITHE_IND_GS1 24169	52.33 -1.31 0.00	53.18 -1.48 1.35	49.33 -1.42 0.00	41.41 -1.24 0.00	35.72 -1.05 0.00	34.53 -0.90 0.00	39.50 -1.02 0.00	43.11 -1.06 0.00	39.42 -0.91 0.00	48.76 -1.18 0.00	58.73 -1.46 0.05	60.97 -1.96 10.74	61.30 -1.72 7.20	64.64 -1.69 4.98	68.92 -1.83 3.88	61.11 -1.44 0.00	23.17 -0.53 0.00	325.56 -6.53 0.00	65.66 -1.31 0.00	45.86 -0.88 0.00	46.98 -0.91 0.00	45.14 -1.01 0.00	46.76 -1.21 0.00	51.57 -1.48 0.00
SITHE_IND_GS2 24170	52.33 -1.31 0.00	53.18 -1.48 1.35	49.33 -1.42 0.00	41.41 -1.24 0.00	35.72 -1.05 0.00	34.53 -0.90 0.00	39.50 -1.02 0.00	43.11 -1.06 0.00	39.42 -0.91 0.00	48.76 -1.18 0.00	58.73 -1.46 0.05	60.97 -1.96 10.74	61.30 -1.72 7.20	64.64 -1.69 4.98	68.92 -1.83 3.88	61.11 -1.44 0.00	23.17 -0.53 0.00	325.56 -6.53 0.00	65.66 -1.31 0.00	45.86 -0.88 0.00	46.98 -0.91 0.00	45.14 -1.01 0.00	46.76 -1.21 0.00	51.57 -1.48 0.00
SITHE_IND_GS3 24171	52.33 -1.31 0.00	53.18 -1.48 1.35	49.33 -1.42 0.00	41.41 -1.24 0.00	35.72 -1.05 0.00	34.53 -0.90 0.00	39.50 -1.02 0.00	43.11 -1.06 0.00	39.42 -0.91 0.00	48.76 -1.18 0.00	58.73 -1.46 0.05	60.97 -1.96 10.74	61.30 -1.72 7.20	64.64 -1.69 4.98	68.92 -1.83 3.88	61.11 -1.44 0.00	23.17 -0.53 0.00	325.56 -6.53 0.00	65.66 -1.31 0.00	45.86 -0.88 0.00	46.98 -0.91 0.00	45.14 -1.01 0.00	46.76 -1.21 0.00	51.57 -1.48 0.00
SITHE_IND_GS4 24172	52.33 -1.31 0.00	53.18 -1.48 1.35	49.33 -1.42 0.00	41.41 -1.24 0.00	35.72 -1.05 0.00	34.53 -0.90 0.00	39.50 -1.02 0.00	43.11 -1.06 0.00	39.42 -0.91 0.00	48.76 -1.18 0.00	58.73 -1.46 0.05	60.97 -1.96 10.74	61.30 -1.72 7.20	64.64 -1.69 4.98	68.92 -1.83 3.88	61.11 -1.44 0.00	23.17 -0.53 0.00	325.56 -6.53 0.00	65.66 -1.31 0.00	45.86 -0.88 0.00	46.98 -0.91 0.00	45.14 -1.01 0.00	46.76 -1.21 0.00	51.57 -1.48 0.00

STATE_CA_115KV_115_LB 55624	54.04 0.40 0.00	56.36 0.35 0.00	51.21 0.46 0.00	43.15 0.50 0.00	37.22 0.46 0.00	36.24 0.80 0.00	41.47 0.95 0.00	45.11 0.94 0.00	41.03 0.70 0.00	50.80 0.86 0.00	61.34 1.10 0.00	75.42 1.76 0.00	72.54 2.33 0.00	74.08 2.76 0.00	76.45 3.20 1.38	22.30 2.53 42.79	21.24 0.87 3.33	344.02 11.93 0.00	69.35 2.38 0.00	48.35 1.60 0.00	49.50 1.61 0.00	47.54 1.39 0.00	48.82 0.85 0.00	53.51 0.46 0.00
STATE_ST_34_KV_LOAD 55959	54.66 1.02 0.00	56.97 0.75 -0.21	51.34 0.59 0.00	42.87 0.22 0.00	37.03 0.27 0.00	35.87 0.43 0.00	41.08 0.56 0.00	44.84 0.67 0.00	41.14 0.81 0.00	50.86 0.93 0.00	61.26 1.02 -0.01	76.06 0.69 -1.71	72.85 1.50 -1.15	73.31 1.20 -0.79	65.17 1.00 10.46	70.37 0.89 -6.94	24.64 0.38 -0.56	339.02 6.93 0.00	68.62 1.65 0.00	48.13 1.39 0.00	49.32 1.42 0.00	47.12 0.97 0.00	48.82 0.85 0.00	53.59 0.53 0.00
STATION_5_MISC_HYD 23604	55.19 1.55 0.00	57.39 1.38 0.00	51.59 0.84 0.00	42.87 0.22 0.00	36.98 0.22 0.00	35.82 0.39 0.00	40.82 0.30 0.00	44.70 0.53 0.00	41.24 0.91 0.00	50.80 0.86 0.00	60.92 0.69 0.00	74.09 0.42 0.00	70.58 0.37 0.00	71.55 0.24 0.00	75.66 0.29 -0.74	69.96 0.51 -6.90	24.56 0.33 -0.53	341.36 9.27 0.00	68.34 1.38 0.00	47.85 1.11 0.00	48.88 0.99 0.00	46.65 0.50 0.00	48.29 0.31 0.00	53.51 0.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.74 1.09 0.00	56.96 0.90 -0.05	51.23 0.48 0.00	42.73 0.08 0.00	36.90 0.13 0.00	35.77 0.33 0.00	40.86 0.34 0.00	44.67 0.50 0.00	41.15 0.83 0.00	50.73 0.79 0.00	60.99 0.76 0.00	74.60 0.51 -0.42	71.09 0.60 -0.28	71.96 0.45 -0.19	75.91 0.38 -0.90	70.07 0.52 -7.01	24.57 0.33 -0.54	340.39 8.30 0.00	68.49 1.52 0.00	47.92 1.18 0.00	48.98 1.09 0.00	46.77 0.62 0.00	48.36 0.39 0.00	53.39 0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.83 1.19 0.00	57.01 1.00 0.00	51.28 0.53 0.00	42.63 -0.02 0.00	36.77 0.01 0.00	35.63 0.19 0.00	40.61 0.09 0.00	44.45 0.28 0.00	41.01 0.68 0.00	50.53 0.59 0.00	60.67 0.44 0.00	73.76 0.09 0.00	70.30 0.09 0.00	71.27 -0.04 0.00	75.44 0.08 -0.73	69.63 0.24 -6.83	24.46 0.23 -0.53	339.79 7.70 0.00	68.03 1.06 0.00	47.63 0.89 0.00	48.64 0.75 0.00	46.43 0.28 0.00	48.04 0.07 0.00	53.20 0.15 0.00
STA_56___34_KV_BUS2 355983	54.83 1.19 0.00	57.01 1.00 0.00	51.28 0.53 0.00	42.63 -0.02 0.00	36.77 0.01 0.00	35.63 0.19 0.00	40.61 0.09 0.00	44.45 0.28 0.00	41.01 0.68 0.00	50.53 0.59 0.00	60.67 0.44 0.00	73.76 0.09 0.00	70.30 0.09 0.00	71.27 -0.04 0.00	75.44 0.08 -0.73	69.63 0.24 -6.83	24.46 0.23 -0.53	339.79 7.70 0.00	68.03 1.06 0.00	47.63 0.89 0.00	48.64 0.75 0.00	46.43 0.28 0.00	48.04 0.07 0.00	53.20 0.15 0.00
STA_67___115KV_BK2 355882	54.97 1.32 0.00	57.17 1.16 0.00	51.41 0.66 0.00	42.72 0.07 0.00	36.85 0.09 0.00	35.70 0.27 0.00	40.68 0.16 0.00	44.54 0.37 0.00	41.08 0.75 0.00	50.59 0.65 0.00	60.72 0.49 0.00	73.80 0.13 0.00	70.29 0.07 0.00	71.23 -0.08 0.00	75.39 0.02 -0.74	69.63 0.19 -6.89	24.46 0.22 -0.53	339.80 7.71 0.00	68.03 1.06 0.00	47.66 0.91 0.00	48.68 0.78 0.00	46.46 0.31 0.00	48.11 0.14 0.00	53.35 0.30 0.00
STA_7___115KV_9TRANS 80674	55.74 2.09 0.00	57.90 1.89 0.00	52.02 1.27 0.00	43.20 0.55 0.00	37.26 0.49 0.00	36.10 0.67 0.00	41.14 0.62 0.00	45.07 0.90 0.00	41.60 1.27 0.00	51.24 1.30 0.00	61.51 1.28 0.00	74.77 1.10 0.00	71.25 1.04 0.00	72.26 0.95 0.00	76.50 1.13 -0.74	70.57 1.13 -6.90	24.82 0.59 -0.53	344.87 12.78 0.00	68.99 2.02 0.00	48.36 1.62 0.00	49.40 1.50 0.00	47.08 0.93 0.00	48.72 0.75 0.00	53.95 0.90 0.00
STA_82___115KV_TB1 80780	54.99 1.34 0.00	57.18 1.17 0.00	51.42 0.67 0.00	42.73 0.08 0.00	36.87 0.10 0.00	35.71 0.27 0.00	40.69 0.17 0.00	44.54 0.37 0.00	41.11 0.78 0.00	50.61 0.67 0.00	60.73 0.50 0.00	73.80 0.13 0.00	70.29 0.07 0.00	71.22 -0.10 0.00	75.38 0.01 -0.74	69.67 0.19 -6.93	24.46 0.23 -0.53	339.80 7.71 0.00	68.03 1.06 0.00	47.66 0.91 0.00	48.69 0.79 0.00	46.47 0.32 0.00	48.13 0.15 0.00	53.35 0.30 0.00
STEEL___WIND 323596	54.51 0.87 0.00	56.71 0.70 0.00	50.84 0.09 0.00	42.05 -0.60 0.00	36.33 -0.44 0.00	35.22 -0.22 0.00	39.93 -0.59 0.00	43.70 -0.47 0.00	40.54 0.21 0.00	49.86 -0.08 0.00	59.68 -0.55 0.00	72.58 -1.09 0.00	69.06 -1.15 0.00	69.87 -1.44 0.00	73.88 -1.78 -1.03	70.96 -1.17 -9.58	24.35 -0.09 -0.74	337.56 5.47 0.00	67.72 0.75 0.00	47.36 0.62 0.00	48.17 0.27 0.00	45.75 -0.40 0.00	47.50 -0.48 0.00	52.99 -0.06 0.00
STEPHTWN_115KV_BK_2 55603	54.14 0.50 0.00	56.44 0.43 0.00	51.24 0.49 0.00	43.15 0.50 0.00	37.22 0.46 0.00	36.26 0.82 0.00	41.49 0.98 0.00	45.13 0.96 0.00	41.05 0.72 0.00	50.83 0.89 0.00	61.35 1.11 0.00	75.58 1.91 0.00	72.69 2.48 0.00	74.37 3.06 0.00	34.82 3.54 43.35	21.80 2.87 43.62	21.27 0.97 3.39	345.72 13.63 0.00	69.63 2.66 0.00	48.58 1.83 0.00	49.76 1.87 0.00	47.77 1.62 0.00	49.01 1.03 0.00	53.74 0.69 0.00
STEBEN_REC_LFGE 323667	53.22 -0.42 0.00	55.01 -1.07 -0.07	49.88 -0.87 0.00	41.81 -0.84 0.00	36.01 -0.75 0.00	35.26 -0.18 0.00	40.23 -0.29 0.00	43.99 -0.18 0.00	40.85 0.52 0.00	50.39 0.45 0.00	60.41 0.18 0.00	73.49 -0.78 -0.60	70.13 -0.49 -0.40	71.05 -0.55 -0.28	75.33 -0.90 -1.60	74.90 -0.55 -12.90	24.69 0.00 -1.00	338.54 6.45 0.00	68.84 1.87 0.00	48.54 1.80 0.00	49.78 1.89 0.00	47.57 1.42 0.00	49.19 1.22 0.00	54.48 1.42 0.00
STILLWATER___SOLAR 323814	55.95 2.31 0.00	58.30 2.29 0.00	52.76 2.01 0.00	44.37 1.72 0.00	38.31 1.55 0.00	37.26 1.82 0.00	42.79 2.27 0.00	46.53 2.36 0.00	42.38 2.06 0.00	52.51 2.57 0.00	63.38 3.15 0.00	77.55 3.88 0.00	74.53 4.32 0.00	75.85 4.54 0.00	85.74 5.12 -5.99	25.39 3.80 40.96	21.90 1.39 3.19	353.62 21.52 0.00	71.77 4.80 0.00	50.01 3.27 0.00	51.26 3.37 0.00	49.09 2.94 0.00	50.47 2.50 0.00	55.26 2.21 0.00
STONY___BROOK 24151	55.20 1.56 0.00	57.17 1.16 0.00	51.75 1.00 0.00	43.20 0.56 0.00	37.50 0.73 0.00	36.74 1.30 0.00	42.11 1.59 0.00	46.37 2.20 0.00	42.45 2.12 0.00	53.12 3.18 0.00	65.77 5.24 -0.29	79.56 5.56 -0.33	79.32 6.12 -2.98	82.39 7.63 -3.45	112.67 9.04 -29.00	1658.18 4.23 -1591.40	522.95 2.00 -497.25	1091.06 31.76 -727.21	90.18 6.91 -16.31	49.71 3.58 0.61	51.22 3.32 0.00	48.97 2.82 0.00	50.33 2.36 0.00	55.12 2.07 0.00
STURGEON_POOL_HYD 23609	55.02 1.38 0.00	57.23 1.22 0.00	51.84 1.09 0.00	43.60 0.96 0.00	37.73 0.97 0.00	36.75 1.31 0.00	42.09 1.57 0.00	46.06 1.89 0.00	42.02 1.70 0.00	52.33 2.39 0.00	63.43 3.20 0.00	78.00 4.33 0.00	75.49 5.28 0.00	77.70 6.39 0.00	92.53 7.42 -10.48	124.87 5.79 -56.53	30.99 2.07 -5.22	359.43 27.29 -0.05	72.67 5.70 0.00	50.34 3.60 0.00	51.46 3.57 0.00	49.36 3.20 0.00	50.58 2.61 0.00	55.29 2.24 0.00

WDELAWARE___HYD 323627	54.30 0.65 0.00	56.40 0.39 0.00	51.01 0.26 0.00	42.87 0.22 0.00	37.07 0.31 0.00	36.07 0.63 0.00	41.33 0.81 0.00	45.23 1.06 0.00	41.30 0.97 0.00	51.40 1.46 0.00	62.37 2.14 0.00	76.61 2.94 0.00	74.19 3.98 0.00	76.42 5.10 0.00	98.16 5.79 -17.74	153.60 4.57 -86.49	25.55 1.58 -0.27	347.23 21.69 6.55	71.68 4.71 0.00	49.81 3.06 0.00	50.81 2.92 0.00	48.68 2.53 0.00	49.83 1.86 0.00	54.46 1.41 0.00
WEST BABYLON___IC 23714	56.02 2.38 0.00	58.01 2.00 0.00	52.51 1.76 0.00	43.84 1.20 0.00	38.04 1.28 0.00	37.25 1.82 0.00	42.67 2.15 0.00	47.00 2.83 0.00	42.90 2.58 0.00	53.60 3.66 0.00	66.10 5.58 -0.29	81.69 6.07 -1.96	87.98 6.99 -10.78	90.41 8.46 -10.64	126.23 9.90 -41.70	1719.39 5.76 -1651.08	537.41 2.58 -511.13	681.59 36.43 -313.08	80.06 7.82 -5.27	50.64 4.44 0.54	52.06 4.16 0.00	49.77 3.61 0.00	50.96 2.99 0.00	55.76 2.70 0.00
WEST CANADA___HYD 24049	53.68 0.04 0.00	56.04 0.03 0.00	50.80 0.05 0.00	42.72 0.07 0.00	36.84 0.08 0.00	35.62 0.18 0.00	40.74 0.22 0.00	44.39 0.23 0.00	40.51 0.18 0.00	50.20 0.26 0.00	60.60 0.36 0.00	74.11 0.45 0.00	70.77 0.56 0.00	72.03 0.72 0.00	62.42 0.85 13.07	62.80 0.66 0.40	23.91 0.21 0.00	334.85 2.76 0.00	67.64 0.67 0.00	47.19 0.45 0.00	48.37 0.48 0.00	46.60 0.45 0.00	48.26 0.29 0.00	53.21 0.16 0.00
WESTERN_NY_WIND 24143	56.28 2.64 0.00	58.45 2.44 0.00	52.42 1.67 0.00	43.39 0.74 0.00	37.43 0.67 0.00	36.29 0.85 0.00	41.21 0.69 0.00	45.17 1.00 0.00	41.82 1.50 0.00	51.33 1.39 0.00	61.47 1.23 0.00	73.84 0.17 0.00	69.14 -1.07 0.00	69.86 -1.46 0.00	74.09 -1.40 -0.86	69.77 -0.86 -8.08	24.30 -0.02 -0.62	339.12 7.03 0.00	67.77 0.80 0.00	47.52 0.78 0.00	48.55 0.66 0.00	46.31 0.16 0.00	48.67 0.70 0.00	54.17 1.12 0.00
WESTOVER___LESR 323668	54.02 0.38 0.00	56.40 0.29 -0.10	50.79 0.04 0.00	42.60 -0.05 0.00	36.85 0.09 0.00	35.75 0.31 0.00	40.96 0.44 0.00	44.66 0.49 0.00	40.89 0.56 0.00	50.67 0.74 0.00	61.26 1.02 0.00	75.51 1.03 -0.82	72.06 1.30 -0.55	73.46 1.76 -0.38	78.96 1.30 -3.02	85.59 1.06 -21.98	25.87 0.43 -1.74	339.96 7.87 0.00	68.92 1.95 0.00	48.02 1.28 0.00	49.10 1.21 0.00	47.07 0.92 0.00	48.66 0.69 0.00	53.54 0.48 0.00
WETHRSFD_WT_PWR 323626	53.22 -0.42 0.00	55.46 -0.55 0.00	49.90 -0.85 0.00	41.46 -1.19 0.00	35.81 -0.95 0.00	34.86 -0.58 0.00	39.64 -0.88 0.00	43.28 -0.89 0.00	40.04 -0.29 0.00	49.17 -0.77 0.00	59.06 -1.17 0.00	71.61 -2.05 0.00	68.39 -1.82 0.00	69.11 -2.21 0.00	72.89 -2.91 -1.16	71.43 -1.99 -10.87	24.04 -0.49 -0.84	332.31 0.22 0.00	67.14 0.17 0.00	47.09 0.35 0.00	48.12 0.22 0.00	45.84 -0.31 0.00	47.58 -0.40 0.00	52.92 -0.13 0.00
WHAVSTOR_138KV_BK127 55557	54.87 1.23 0.00	57.03 1.02 0.00	51.62 0.87 0.00	43.40 0.75 0.00	37.58 0.81 0.00	36.64 1.20 0.00	41.97 1.45 0.00	45.91 1.74 0.00	41.91 1.59 0.00	52.15 2.21 0.00	63.31 3.08 0.00	77.84 4.17 0.00	75.27 5.06 0.00	77.51 6.19 0.00	74.21 7.16 7.58	-255.29 5.35 323.18	-88.71 1.90 114.31	277.50 25.24 79.84	72.16 5.19 0.00	49.97 3.23 0.00	51.09 3.20 0.00	49.03 2.88 0.00	50.25 2.28 0.00	55.04 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	54.87 1.23 0.00	57.03 1.02 0.00	51.62 0.87 0.00	43.40 0.75 0.00	37.58 0.81 0.00	36.64 1.20 0.00	41.97 1.45 0.00	45.91 1.74 0.00	41.91 1.59 0.00	52.15 2.21 0.00	63.31 3.08 0.00	77.84 4.17 0.00	75.27 5.06 0.00	77.51 6.19 0.00	74.21 7.16 7.58	-255.29 5.35 323.18	-88.71 1.90 114.31	277.50 25.24 79.84	72.16 5.19 0.00	49.97 3.23 0.00	51.09 3.20 0.00	49.03 2.88 0.00	50.25 2.28 0.00	55.04 1.99 0.00
WHITEHAL_115KV_TB1 80871	56.90 3.26 0.00	59.19 3.18 0.00	53.29 2.54 0.00	44.75 2.10 0.00	38.74 1.98 0.00	37.71 2.28 0.00	44.69 4.17 0.00	47.81 3.65 0.00	43.62 3.29 0.00	53.67 3.73 0.00	65.11 4.88 0.00	79.65 5.98 0.00	76.84 6.63 0.00	77.92 6.60 0.00	86.87 7.47 -4.77	27.14 4.84 40.24	22.24 1.67 3.13	358.04 25.95 0.00	73.08 6.11 0.00	50.80 4.06 0.00	52.37 4.48 0.00	49.87 3.72 0.00	51.13 3.16 0.00	55.81 2.76 0.00
WHITEPLN_13_KV_LOAD 356215	55.84 2.20 0.00	58.01 2.00 0.00	52.50 1.76 0.00	44.15 1.50 0.00	38.22 1.46 0.00	37.30 1.87 0.00	42.77 2.25 0.00	46.91 2.74 0.00	42.90 2.57 0.00	53.44 3.50 0.00	64.91 4.68 0.00	79.89 6.22 0.00	77.38 7.17 0.00	79.72 8.41 0.00	302.43 9.48 -218.31	2438.35 7.25 -2368.55	510.62 2.60 -484.33	628.80 35.30 -261.41	74.18 7.21 0.00	51.30 4.56 0.00	52.42 4.53 0.00	50.26 4.11 0.00	51.41 3.44 0.00	56.19 3.14 0.00
WM_FLOYD_69_KV_BK2 356380	55.04 1.40 0.00	56.95 0.94 0.00	51.55 0.80 0.00	43.02 0.37 0.00	37.34 0.58 0.00	36.60 1.16 0.00	41.96 1.44 0.00	46.24 2.07 0.00	42.28 1.95 0.00	52.86 2.92 0.00	65.31 4.79 -0.29	79.33 5.11 -0.55	80.35 5.95 -4.20	83.38 7.52 -4.54	112.28 8.98 -28.67	1659.76 3.96 -1593.24	524.33 1.95 -498.68	935.92 33.08 -570.75	85.86 7.25 -11.64	49.93 3.81 0.62	51.41 3.51 0.00	49.15 3.00 0.00	50.37 2.39 0.00	55.14 2.09 0.00
WOODARD___115KV_TB2 355635	53.55 -0.09 0.00	55.99 -0.21 -0.18	50.44 -0.31 0.00	42.28 -0.36 0.00	36.50 -0.27 0.00	35.32 -0.11 0.00	40.43 -0.09 0.00	44.14 -0.03 0.00	40.38 0.05 0.00	49.96 0.02 0.00	60.27 0.03 -0.01	75.02 -0.13 -1.48	71.31 0.11 -0.99	72.17 0.17 -0.69	58.36 0.16 16.44	62.20 0.17 0.52	23.75 0.05 0.00	333.83 1.74 0.00	67.38 0.41 0.00	47.01 0.27 0.00	48.15 0.26 0.00	46.23 0.07 0.00	47.79 -0.19 0.00	52.62 -0.43 0.00
WOODMERE_69_KV_BK1 55827	56.21 2.57 0.00	58.18 2.17 0.00	52.64 1.89 0.00	44.07 1.42 0.00	38.22 1.46 0.00	37.38 1.94 0.00	42.82 2.30 0.00	47.02 2.85 0.00	43.00 2.68 0.00	53.74 3.80 0.00	65.90 5.37 -0.29	87.58 6.18 -7.73	104.61 7.23 -27.16	106.95 8.61 -27.02	192.86 9.84 -108.38	2009.50 6.63 -1940.33	657.75 2.70 -631.36	659.77 33.88 -293.81	75.58 7.39 -1.22	51.98 4.43 -0.80	52.19 4.29 0.00	49.92 3.77 0.00	51.02 3.04 0.00	55.72 2.67 0.00
YORK___WARBASSE 23770	55.17 1.53 0.00	57.30 1.29 0.00	51.99 1.24 0.00	43.85 1.20 0.00	37.96 1.20 0.00	37.07 1.63 0.00	42.42 1.91 0.00	46.56 2.39 0.00	42.59 2.26 0.00	52.94 3.00 0.00	63.98 3.75 0.00	78.65 4.99 0.00	76.21 5.99 0.00	78.97 7.21 -0.44	88.31 8.27 -5.41	714.96 5.99 -646.42	257.76 2.13 -231.93	358.52 28.08 1.66	73.39 6.42 0.00	50.67 3.93 0.00	51.81 3.92 0.00	49.99 3.83 -0.01	51.11 3.14 0.00	55.80 2.75 0.00