

ALBANY___2 23572	38.34 -0.39 0.00	30.86 -0.24 0.00	29.58 -0.18 0.00	25.71 -0.11 0.00	30.13 -0.21 0.00	27.23 -0.17 0.00	31.19 -0.14 0.00	32.20 -0.07 0.00	38.22 -0.11 0.00	32.51 -0.19 0.00	20.90 -0.07 0.00	24.02 -0.12 0.00	22.21 -0.07 2.32	28.56 -0.13 0.43	35.78 -0.26 0.16	31.92 -0.13 0.14	35.63 -0.13 0.06	51.82 -0.33 0.00	45.23 -0.44 0.00	43.97 -0.43 0.00	38.50 -0.30 0.00	32.62 -0.18 0.00	25.58 -0.12 0.00	21.07 0.04 0.00
ALBANY___3 23573	38.34 -0.39 0.00	30.86 -0.24 0.00	29.58 -0.18 0.00	25.71 -0.11 0.00	30.13 -0.21 0.00	27.23 -0.17 0.00	31.19 -0.14 0.00	32.20 -0.07 0.00	38.22 -0.11 0.00	32.51 -0.19 0.00	20.90 -0.07 0.00	24.02 -0.12 0.00	22.21 -0.07 2.32	28.56 -0.13 0.43	35.78 -0.26 0.16	31.92 -0.13 0.14	35.63 -0.13 0.06	51.82 -0.33 0.00	45.23 -0.44 0.00	43.97 -0.43 0.00	38.50 -0.30 0.00	32.62 -0.18 0.00	25.58 -0.12 0.00	21.07 0.04 0.00
ALBANY___4 23574	38.34 -0.39 0.00	30.86 -0.24 0.00	29.58 -0.18 0.00	25.71 -0.11 0.00	30.13 -0.21 0.00	27.23 -0.17 0.00	31.19 -0.14 0.00	32.20 -0.07 0.00	38.22 -0.11 0.00	32.51 -0.19 0.00	20.90 -0.07 0.00	24.02 -0.12 0.00	22.21 -0.07 2.32	28.56 -0.13 0.43	35.78 -0.26 0.16	31.92 -0.13 0.14	35.63 -0.13 0.06	51.82 -0.33 0.00	45.23 -0.44 0.00	43.97 -0.43 0.00	38.50 -0.30 0.00	32.62 -0.18 0.00	25.58 -0.12 0.00	21.07 0.04 0.00
ALBANY___LFGE 323615	38.76 0.02 0.00	31.18 0.08 0.00	29.88 0.11 0.00	25.95 0.13 0.00	30.43 0.08 0.00	27.48 0.09 0.00	31.50 0.16 0.00	32.50 0.23 0.00	38.56 0.23 0.00	32.79 0.09 0.00	21.07 0.09 0.00	24.21 0.07 0.00	22.19 0.13 2.53	28.75 0.10 0.47	36.08 0.06 0.17	32.20 0.15 0.15	35.96 0.20 0.06	52.37 0.22 0.00	45.72 0.05 0.00	44.45 0.05 0.00	38.90 0.10 0.00	32.95 0.15 0.00	25.82 0.12 0.00	21.26 0.23 0.00
ALCOA_PA_115KV_PL-6C 55860	39.41 0.67 0.00	31.66 0.56 0.00	30.24 0.48 0.00	26.19 0.37 0.00	30.83 0.49 0.00	27.96 0.56 0.00	31.99 0.65 0.00	32.90 0.63 0.00	39.07 0.74 0.00	33.36 0.66 0.00	21.38 0.39 0.00	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 0.00	32.67 0.47 0.00	36.33 0.51 0.00	52.97 0.82 0.00	46.73 1.07 0.00	45.54 1.14 0.00	39.86 1.06 0.00	33.63 0.83 0.00	26.25 0.55 0.00	21.42 0.39 0.00
ALCOA_RYNLDS___DRP 24188	39.41 0.67 0.00	31.66 0.56 0.00	30.24 0.48 0.00	26.19 0.37 0.00	30.83 0.49 0.00	27.96 0.56 0.00	31.99 0.65 0.00	32.90 0.63 0.00	39.07 0.74 0.00	33.36 0.66 0.00	21.38 0.39 0.00	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 0.00	32.67 0.47 0.00	36.33 0.51 0.00	52.97 0.82 0.00	46.73 1.07 0.00	45.54 1.14 0.00	39.86 1.06 0.00	33.63 0.83 0.00	26.25 0.55 0.00	21.42 0.39 0.00
ALCOA___DSASP 323711	39.41 0.67 0.00	31.66 0.56 0.00	30.24 0.48 0.00	26.19 0.37 0.00	30.83 0.49 0.00	27.96 0.56 0.00	31.99 0.65 0.00	32.90 0.63 0.00	39.07 0.74 0.00	33.36 0.66 0.00	21.37 0.39 0.00	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 0.00	32.67 0.48 0.00	36.33 0.51 0.00	52.97 0.82 0.00	46.73 1.06 0.00	45.53 1.14 0.00	39.86 1.06 0.00	33.63 0.83 0.00	26.25 0.55 0.00	21.42 0.38 0.00
ALLEGHENY___COGEN 23514	39.88 1.14 0.00	31.78 0.68 0.00	30.33 0.57 0.00	26.24 0.42 0.00	30.89 0.54 0.00	28.01 0.61 0.00	31.75 0.41 0.00	32.66 0.16 -0.23	38.14 -0.19 0.00	32.29 -0.41 0.00	20.66 -0.32 0.00	23.81 -0.33 0.00	24.20 -0.40 0.00	28.73 -0.39 0.00	35.67 -0.55 -0.02	31.41 -0.78 0.00	34.88 -0.94 0.00	50.85 -1.29 0.00	45.52 -0.15 0.00	44.73 0.33 0.00	38.99 0.19 0.00	32.96 0.15 0.00	25.82 0.12 0.00	20.82 -0.21 0.00
ALTAMONT_115KV_TB 2 55880	38.98 0.25 0.00	31.34 0.24 0.00	30.03 0.27 0.00	26.08 0.26 0.00	30.61 0.26 0.00	27.61 0.21 0.00	31.63 0.29 0.00	32.62 0.35 0.00	38.72 0.39 0.00	32.95 0.25 0.00	21.16 0.18 0.00	24.33 0.19 0.00	23.23 0.23 1.60	29.08 0.25 0.30	36.38 0.30 0.11	32.40 0.30 0.09	36.11 0.33 0.04	52.57 0.41 0.00	45.91 0.24 0.00	44.63 0.23 0.00	39.05 0.24 0.00	33.03 0.23 0.00	25.90 0.20 0.00	21.29 0.26 0.00
ALTONA_WT_PWR 323606	40.92 2.18 0.00	32.74 1.63 0.00	30.95 1.19 0.00	26.57 0.75 0.00	31.54 1.19 0.00	28.85 1.45 0.00	33.17 1.83 0.00	34.17 1.90 0.00	40.33 2.00 0.00	34.48 1.78 0.00	22.00 1.02 0.00	25.31 1.17 0.00	25.97 1.36 0.00	30.77 1.65 0.00	38.34 2.15 0.00	34.02 1.82 0.00	37.88 2.06 0.00	55.33 3.18 0.00	48.46 2.79 0.00	47.33 2.93 0.00	41.41 2.61 0.00	34.81 2.00 0.00	26.92 1.23 0.00	21.93 0.90 0.00
AMERICAN_REF_FUEL 24010	37.70 -1.04 0.00	30.20 -0.90 0.00	28.87 -0.89 0.00	24.97 -0.84 0.00	29.41 -0.93 0.00	26.65 -0.75 0.00	29.80 -1.54 0.00	30.24 -2.23 -0.20	35.92 -2.41 0.00	31.30 -1.40 0.00	20.10 -0.88 0.00	23.18 -0.96 0.00	23.52 -1.08 0.00	27.80 -1.31 0.00	34.44 -1.78 -0.02	29.85 -2.34 0.00	32.80 -3.02 0.00	47.02 -5.13 0.00	41.49 -4.18 0.00	40.18 -4.22 0.00	35.20 -3.61 0.00	29.94 -2.86 0.00	23.55 -2.15 0.00	19.01 -2.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.02 -0.72 0.00	30.28 -0.82 0.00	28.90 -0.86 0.00	24.84 -0.98 0.00	29.14 -1.20 0.00	26.47 -0.93 0.00	29.71 -1.63 0.00	30.22 -2.27 -0.21	35.93 -2.40 0.00	31.57 -1.13 0.00	20.47 -0.50 0.00	23.73 -0.42 0.00	24.14 -0.46 0.00	28.72 -0.40 0.00	35.66 -0.56 -0.02	31.28 -0.92 0.00	34.48 -1.34 0.00	49.58 -2.57 0.00	43.34 -2.33 0.00	41.65 -2.74 0.00	35.97 -2.83 0.00	30.35 -2.46 0.00	23.81 -1.89 0.00	19.10 -1.94 0.00
ARTHUR KILL_GT_1 23520	40.22 1.51 0.03	32.68 1.58 0.00	-302.03 1.54 333.33	23.51 1.34 3.65	-88.86 1.43 120.63	-572.68 1.17 601.25	-74.40 1.39 107.12	-641.03 1.63 674.92	23.60 1.93 16.65	23.45 1.94 11.19	-587.75 1.39 610.11	6.07 1.58 19.65	21.55 1.67 4.72	23.05 2.04 8.11	29.24 2.61 9.56	27.12 2.38 7.45	30.17 2.50 8.15	38.22 3.26 17.19	42.14 2.26 5.80	39.67 2.08 6.81	33.43 1.73 7.10	32.64 1.49 1.66	26.89 1.20 0.00	22.10 1.07 0.00
ARTHUR_KILL_2 23512	40.09 1.39 0.04	32.58 1.48 0.00	-302.12 1.46 333.33	23.44 1.27 3.65	-88.96 1.33 120.63	-572.76 1.09 601.25	-74.48 1.31 107.12	-641.10 1.55 674.92	23.51 1.84 16.65	23.40 1.89 11.19	-587.76 1.37 610.11	6.07 1.58 19.65	21.57 1.69 4.72	23.07 2.06 8.11	29.24 2.61 9.56	27.08 2.34 7.45	30.16 2.49 8.15	38.06 3.10 17.19	41.99 2.12 5.80	39.53 1.94 6.81	33.32 1.62 7.10	32.54 1.39 1.66	26.82 1.13 0.00	22.05 1.02 0.00
ARTHUR_KILL_3 23513	40.02 1.31 0.03	32.19 1.09 0.00	-302.52 1.05 333.33	23.10 0.93 3.65	-89.35 0.94 120.63	-573.11 0.73 601.25	-74.90 0.88 107.12	-641.51 1.13 674.91	23.13 1.45 16.65	22.94 1.43 11.18	-588.08 1.05 610.11	5.69 1.19 19.65	21.16 1.28 4.72	23.19 1.55 7.48	28.65 2.02 9.56	26.60 1.85 7.45	29.65 1.97 8.14	45.59 2.67 9.24	43.15 1.84 4.36	39.34 1.56 6.62	32.89 1.18 7.10	32.19 1.04 1.65	26.60 0.91 0.00	21.87 0.84 0.00

ARTHUR_KILL_COGEN 323718	40.21 1.51 0.04	32.68 1.58 0.00	-302.03 1.54 333.33	23.51 1.34 3.65	-88.86 1.43 120.63	-572.68 1.17 601.25	-74.39 1.39 107.12	-641.02 1.64 674.92	23.60 1.93 16.65	23.49 1.97 11.19	-587.71 1.42 610.11	6.13 1.64 19.65	21.63 1.74 4.72	23.13 2.13 8.11	29.33 2.70 9.56	27.17 2.43 7.45	30.25 2.57 8.15	38.21 3.25 17.19	42.13 2.26 5.80	39.67 2.08 6.81	33.44 1.74 7.10	32.64 1.49 1.66	26.89 1.20 0.00	22.10 1.07 0.00
ASHOKAN____ 23654	39.95 1.21 0.00	31.83 0.73 0.00	30.41 0.65 0.00	26.40 0.58 0.00	30.96 0.61 0.00	27.92 0.52 0.00	32.01 0.67 0.00	33.12 0.85 0.00	39.30 0.97 0.00	33.38 0.68 0.00	21.39 0.40 0.00	24.52 0.38 0.00	25.77 0.50 -0.68	29.81 0.56 -0.12	36.98 0.75 -0.05	33.01 0.78 -0.04	36.74 0.91 -0.02	53.69 1.54 0.00	47.08 1.41 0.00	45.81 1.41 0.00	39.95 1.15 0.00	33.72 0.92 0.00	26.38 0.69 0.00	21.65 0.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.35 1.62 0.00	32.45 1.34 0.00	31.04 1.29 0.00	26.92 1.10 0.00	31.47 1.12 0.00	28.34 0.93 0.00	32.50 1.16 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.74 0.00	22.29 1.31 0.00	25.59 1.45 0.00	32.33 1.51 -6.21	32.16 1.89 -1.15	39.00 2.38 -0.42	34.72 2.16 -0.36	38.26 2.29 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.34 1.60 0.00	32.43 1.33 0.00	31.03 1.27 0.00	26.91 1.09 0.00	31.45 1.10 0.00	28.32 0.92 0.00	32.48 1.15 0.00	33.67 1.40 0.00	40.12 1.79 0.00	34.41 1.70 0.00	22.28 1.30 0.00	25.58 1.43 0.00	32.32 1.50 -6.21	32.15 1.88 -1.15	38.98 2.37 -0.42	34.70 2.14 -0.36	38.24 2.27 -0.15	55.09 2.94 0.00	47.75 2.08 0.00	46.21 1.81 0.00	40.27 1.47 0.00	34.08 1.28 0.00	26.75 1.06 0.00	21.99 0.95 0.00
ASTORIA_GT2_1 24094	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT2_2 24095	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT2_3 24096	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT2_4 24097	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT3_1 24098	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT3_2 24099	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT3_3 24100	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT3_4 24101	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT4_1 24102	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT4_2 24103	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT4_3 24104	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00

ASTORIA_GT4_4 24105	40.36 1.62 0.00	32.45 1.34 0.00	31.04 1.28 0.00	26.91 1.09 0.00	31.47 1.12 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.73 0.00	22.27 1.29 0.00	25.57 1.43 0.00	32.30 1.48 -6.21	32.14 1.87 -1.15	38.97 2.36 -0.42	34.69 2.14 -0.36	38.23 2.26 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA_GT_1 23523	40.43 1.70 0.00	32.51 1.40 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.51 1.16 0.00	28.38 0.98 0.00	32.54 1.21 0.00	33.74 1.47 0.00	40.20 1.87 0.00	34.48 1.77 0.00	22.31 1.33 0.00	25.61 1.47 0.00	32.35 1.53 -6.21	32.19 1.92 -1.15	39.04 2.43 -0.42	34.76 2.20 -0.36	38.30 2.33 -0.15	55.22 3.07 0.00	47.84 2.17 0.00	46.32 1.92 0.00	40.35 1.55 0.00	34.16 1.36 0.00	26.80 1.11 0.00	22.03 1.00 0.00
ASTORIA_GT_10 24110	40.28 1.54 0.00	32.38 1.28 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.37 1.67 0.00	22.20 1.22 0.00	25.52 1.38 0.00	32.28 1.47 -6.21	32.08 1.81 -1.15	38.92 2.31 -0.42	34.65 2.10 -0.36	38.20 2.23 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA_GT_11 24225	40.28 1.54 0.00	32.38 1.28 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.37 1.67 0.00	22.20 1.22 0.00	25.52 1.38 0.00	32.28 1.47 -6.21	32.08 1.81 -1.15	38.92 2.31 -0.42	34.65 2.10 -0.36	38.20 2.23 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA_GT_12 24226	40.28 1.54 0.00	32.38 1.28 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.37 1.67 0.00	22.20 1.22 0.00	25.52 1.38 0.00	32.28 1.47 -6.21	32.08 1.81 -1.15	38.92 2.31 -0.42	34.65 2.10 -0.36	38.20 2.23 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA_GT_13 24227	40.28 1.54 0.00	32.38 1.28 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.37 1.67 0.00	22.20 1.22 0.00	25.52 1.38 0.00	32.28 1.47 -6.21	32.08 1.81 -1.15	38.92 2.31 -0.42	34.65 2.10 -0.36	38.20 2.23 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA_GT_5 24106	40.43 1.70 0.00	32.51 1.40 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.51 1.16 0.00	28.38 0.98 0.00	32.54 1.21 0.00	33.74 1.47 0.00	40.20 1.87 0.00	34.48 1.77 0.00	22.31 1.33 0.00	25.61 1.47 0.00	32.35 1.53 -6.21	32.19 1.92 -1.15	39.04 2.43 -0.42	34.76 2.20 -0.36	38.30 2.33 -0.15	55.22 3.07 0.00	47.84 2.17 0.00	46.32 1.92 0.00	40.35 1.55 0.00	34.16 1.36 0.00	26.80 1.11 0.00	22.03 1.00 0.00
ASTORIA_GT_7 24107	40.43 1.70 0.00	32.51 1.40 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.51 1.16 0.00	28.38 0.98 0.00	32.54 1.21 0.00	33.74 1.47 0.00	40.20 1.87 0.00	34.48 1.77 0.00	22.31 1.33 0.00	25.61 1.47 0.00	32.35 1.53 -6.21	32.19 1.92 -1.15	39.04 2.43 -0.42	34.76 2.20 -0.36	38.30 2.33 -0.15	55.22 3.07 0.00	47.84 2.17 0.00	46.32 1.92 0.00	40.35 1.55 0.00	34.16 1.36 0.00	26.80 1.11 0.00	22.03 1.00 0.00
ASTORIA_GT_8 24108	40.43 1.70 0.00	32.51 1.40 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.51 1.16 0.00	28.38 0.98 0.00	32.54 1.21 0.00	33.74 1.47 0.00	40.20 1.87 0.00	34.48 1.77 0.00	22.31 1.33 0.00	25.61 1.47 0.00	32.35 1.53 -6.21	32.19 1.92 -1.15	39.04 2.43 -0.42	34.76 2.20 -0.36	38.30 2.33 -0.15	55.22 3.07 0.00	47.84 2.17 0.00	46.32 1.92 0.00	40.35 1.55 0.00	34.16 1.36 0.00	26.80 1.11 0.00	22.03 1.00 0.00
ASTORIA___2 24149	40.35 1.62 0.00	32.45 1.34 0.00	31.04 1.29 0.00	26.92 1.10 0.00	31.47 1.12 0.00	28.34 0.93 0.00	32.50 1.16 0.00	33.69 1.42 0.00	40.14 1.81 0.00	34.43 1.74 0.00	22.29 1.31 0.00	25.59 1.45 0.00	32.33 1.51 -6.21	32.16 1.89 -1.15	39.00 2.38 -0.42	34.72 2.16 -0.36	38.26 2.29 -0.15	55.12 2.97 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.28 1.48 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
ASTORIA___3 23516	40.28 1.54 0.00	32.38 1.27 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.38 1.68 0.00	22.21 1.23 0.00	25.54 1.40 0.00	32.31 1.49 -6.21	32.11 1.84 -1.15	38.95 2.34 -0.42	34.67 2.12 -0.36	38.23 2.26 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA___4 23517	40.28 1.54 0.00	32.38 1.27 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.37 1.67 0.00	22.20 1.22 0.00	25.52 1.38 0.00	32.28 1.47 -6.21	32.08 1.81 -1.15	38.92 2.31 -0.42	34.65 2.10 -0.36	38.20 2.23 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
ASTORIA___5 23518	40.28 1.54 0.00	32.38 1.27 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.38 1.68 0.00	22.21 1.23 0.00	25.54 1.40 0.00	32.31 1.49 -6.21	32.11 1.84 -1.15	38.95 2.34 -0.42	34.67 2.12 -0.36	38.23 2.26 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
AST_ENERGY_2_CC3 323677	32.78 1.22 7.18	26.65 1.03 5.48	27.92 0.97 2.81	24.83 0.82 1.81	24.83 0.80 6.32	24.83 0.65 3.22	24.83 0.85 7.35	24.83 1.10 8.53	26.29 1.41 13.46	26.48 1.39 7.61	22.14 1.17 0.00	25.42 1.28 0.00	26.18 1.28 -0.30	26.26 1.59 4.45	26.26 2.01 11.94	26.26 1.83 7.76	26.26 1.92 11.48	41.02 2.44 13.58	36.38 1.63 10.92	33.65 1.40 12.14	28.18 1.10 11.72	27.72 0.97 6.05	25.65 0.81 0.85	21.64 0.76 0.15
AST_ENERGY_2_CC4 323678	32.78 1.22 7.18	26.65 1.03 5.48	27.92 0.97 2.81	24.83 0.82 1.81	24.83 0.80 6.32	24.83 0.65 3.22	24.83 0.85 7.35	24.83 1.10 8.53	26.29 1.41 13.46	26.48 1.39 7.61	22.14 1.17 0.00	25.42 1.28 0.00	26.18 1.28 -0.30	26.26 1.59 4.45	26.26 2.01 11.94	26.26 1.83 7.76	26.26 1.92 11.48	41.02 2.44 13.58	36.38 1.63 10.92	33.65 1.40 12.14	28.18 1.10 11.72	27.72 0.97 6.05	25.65 0.81 0.85	21.64 0.76 0.15

ATHENS_STG_1 23668	39.35 0.61 0.00	31.63 0.53 0.00	30.28 0.52 0.00	26.30 0.48 0.00	30.86 0.51 0.00	27.79 0.39 0.00	31.85 0.51 0.00	32.89 0.63 0.00	39.09 0.76 0.00	33.36 0.65 0.00	21.44 0.46 0.00	24.66 0.51 0.00	26.35 0.56 -1.18	30.01 0.68 -0.22	37.14 0.86 -0.08	33.07 0.80 -0.07	36.69 0.84 -0.03	53.20 1.05 0.00	46.30 0.63 0.00	44.95 0.55 0.00	39.24 0.44 0.00	33.16 0.36 0.00	26.03 0.33 0.00	21.40 0.36 0.00
ATHENS_STG_2 23670	39.35 0.61 0.00	31.63 0.53 0.00	30.28 0.52 0.00	26.30 0.48 0.00	30.86 0.51 0.00	27.79 0.39 0.00	31.85 0.51 0.00	32.89 0.63 0.00	39.09 0.76 0.00	33.36 0.65 0.00	21.44 0.46 0.00	24.66 0.51 0.00	26.35 0.56 -1.18	30.01 0.68 -0.22	37.14 0.86 -0.08	33.07 0.80 -0.07	36.69 0.84 -0.03	53.20 1.05 0.00	46.30 0.63 0.00	44.95 0.55 0.00	39.24 0.44 0.00	33.16 0.36 0.00	26.03 0.33 0.00	21.40 0.36 0.00
ATHENS_STG_3 23677	39.35 0.61 0.00	31.63 0.53 0.00	30.28 0.52 0.00	26.30 0.48 0.00	30.86 0.51 0.00	27.79 0.39 0.00	31.85 0.51 0.00	32.89 0.63 0.00	39.09 0.76 0.00	33.36 0.65 0.00	21.44 0.46 0.00	24.66 0.51 0.00	26.35 0.56 -1.18	30.01 0.68 -0.22	37.14 0.86 -0.08	33.07 0.80 -0.07	36.69 0.84 -0.03	53.20 1.05 0.00	46.30 0.63 0.00	44.95 0.55 0.00	39.24 0.44 0.00	33.16 0.36 0.00	26.03 0.33 0.00	21.40 0.36 0.00
AUBURN___LFGE 323710	38.69 -0.05 0.00	31.01 -0.09 0.00	29.64 -0.12 0.00	25.71 -0.11 0.00	30.23 -0.12 0.00	27.31 -0.09 0.00	31.17 -0.17 0.00	32.45 -0.27 -0.45	37.88 -0.45 0.00	32.24 -0.46 0.00	20.63 -0.36 0.00	23.73 -0.41 0.00	24.17 -0.43 0.00	28.64 -0.48 0.00	35.62 -0.62 -0.05	31.65 -0.54 0.00	35.27 -0.55 0.00	51.52 -0.63 0.00	45.41 -0.26 0.00	44.15 -0.25 0.00	38.51 -0.30 0.00	32.59 -0.22 0.00	25.54 -0.15 0.00	20.79 -0.24 0.00
BABYLON_RES_REC 323704	40.55 1.82 0.00	32.50 1.40 0.00	30.97 1.21 0.00	26.82 1.00 0.00	31.31 0.96 0.00	28.18 0.78 0.00	34.35 1.15 -1.87	36.47 1.76 -2.44	40.40 2.07 0.00	34.58 1.88 0.00	22.41 1.42 -0.01	25.71 1.57 0.00	33.10 1.68 -6.83	41.32 2.05 -10.15	40.72 2.61 -1.92	36.33 2.37 -1.77	38.51 2.54 -0.15	55.51 3.36 0.00	47.96 2.29 0.00	46.42 2.02 0.00	37.06 1.30 3.04	33.74 0.94 0.00	26.47 0.77 0.00	21.91 0.88 0.00
BALL_HILL_WT_PWR 323825	38.10 -0.63 0.00	30.36 -0.74 0.00	29.02 -0.74 0.00	25.05 -0.77 0.00	29.46 -0.88 0.00	26.69 -0.71 0.00	29.96 -1.38 0.00	30.58 -1.90 -0.21	36.35 -1.97 0.00	31.69 -1.01 0.00	20.42 -0.56 0.00	23.59 -0.56 0.00	23.98 -0.62 0.00	28.48 -0.64 0.00	35.33 -0.89 -0.02	30.91 -1.28 0.00	34.04 -1.77 0.00	48.99 -3.16 0.00	42.95 -2.72 0.00	41.43 -2.97 0.00	35.98 -2.82 0.00	30.57 -2.23 0.00	24.07 -1.63 0.00	19.35 -1.68 0.00
BARON_WINDS___WT_PWR 323822	38.12 -0.62 0.00	30.37 -0.73 0.00	29.01 -0.75 0.00	25.09 -0.73 0.00	29.54 -0.80 0.00	26.77 -0.63 0.00	30.30 -1.04 0.00	31.16 -1.36 -0.24	36.66 -1.67 0.00	31.49 -1.21 0.00	20.22 -0.76 0.00	23.32 -0.82 0.00	23.72 -0.88 0.00	28.20 -0.92 0.00	35.05 -1.17 -0.03	30.93 -1.27 0.00	34.26 -1.56 0.00	49.84 -2.31 0.00	43.91 -1.77 0.00	42.39 -2.01 0.00	36.75 -2.05 0.00	31.21 -1.60 0.00	24.57 -1.13 0.00	19.79 -1.25 0.00
BARRETT_IC_1 23704	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_10 23701	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_11 23702	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_12 23703	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_2 23705	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_3 23706	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_4 23707	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_5 23708	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00

BARRETT_IC_6 23709	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_7 23710	40.23 1.49 0.00	32.30 1.19 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.18 0.97 -1.87	36.16 1.45 -2.44	40.12 1.79 0.00	34.39 1.69 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.91 1.49 -6.83	41.02 1.75 -10.15	40.28 2.17 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.54 1.01 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.79 0.76 0.00
BARRETT_IC_8 23711	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT_IC_9 23700	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT___1 23545	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BARRETT___2 23546	40.23 1.49 0.00	32.30 1.20 0.00	30.81 1.05 0.00	26.70 0.88 0.00	31.18 0.84 0.00	28.07 0.67 0.00	34.17 0.97 -1.87	36.15 1.45 -2.44	40.12 1.79 0.00	34.39 1.68 0.00	22.27 1.28 -0.01	25.56 1.42 0.00	32.93 1.50 -6.83	41.01 1.74 -10.15	40.29 2.18 -1.92	35.97 2.01 -1.77	38.06 2.09 -0.15	54.82 2.68 0.00	47.41 1.74 0.00	45.92 1.52 0.00	36.55 1.02 3.27	33.58 0.78 0.00	26.36 0.67 0.00	21.80 0.76 0.00
BATAVIA___115KV_TB1 55881	39.22 0.49 0.00	31.33 0.23 0.00	29.94 0.17 0.00	25.91 0.08 0.00	30.50 0.15 0.00	27.62 0.22 0.00	31.10 -0.23 0.00	31.76 -0.71 -0.20	37.52 -0.81 0.00	32.21 -0.49 0.00	20.57 -0.42 0.00	23.65 -0.49 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.25 -0.96 -0.02	30.83 -1.36 0.00	34.09 -1.72 0.00	49.62 -2.53 0.00	44.16 -1.51 0.00	43.01 -1.39 0.00	37.59 -1.22 0.00	31.87 -0.94 0.00	24.99 -0.71 0.00	20.18 -0.85 0.00
BAYONEEC___CTG1 323682	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG10 323750	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG2 323683	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG3 323684	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG4 323685	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG5 323686	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG6 323687	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00
BAYONEEC___CTG7 323688	40.24 1.50 0.00	32.33 1.23 0.00	30.93 1.17 0.00	26.88 1.06 0.00	31.43 1.09 0.00	38.60 0.88 -10.33	34.43 1.06 -2.04	46.40 1.31 -12.81	39.98 1.65 0.00	34.78 1.61 -0.46	53.87 1.17 -31.72	26.49 1.33 -1.02	32.80 1.42 -6.77	32.47 1.72 -1.63	39.35 2.22 -0.94	35.01 2.04 -0.77	38.57 2.17 -0.58	55.08 2.93 0.00	47.73 2.06 0.00	46.19 1.79 0.00	40.20 1.40 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.93 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	40.68 1.95 0.00	32.56 1.46 0.00	31.02 1.26 0.00	26.85 1.03 0.00	31.33 0.98 0.00	28.20 0.80 0.00	34.41 1.20 -1.87	36.53 1.82 -2.44	40.46 2.13 0.00	34.64 1.93 0.00	22.47 1.48 -0.01	25.77 1.63 0.00	33.16 1.73 -6.83	41.43 2.16 -10.15	40.89 2.78 -1.92	36.47 2.51 -1.77	38.67 2.70 -0.15	55.68 3.53 0.00	47.97 2.30 0.00	46.38 1.98 0.00	36.92 1.30 3.19	33.77 0.97 0.00	26.49 0.80 0.00	21.94 0.91 0.00
BRISTLHL_115KV_TB1 79998	38.51 -0.23 0.00	30.86 -0.24 0.00	29.52 -0.24 0.00	25.60 -0.22 0.00	30.08 -0.26 0.00	27.16 -0.23 0.00	31.02 -0.32 0.00	32.17 -0.40 -0.30	37.81 -0.52 0.00	32.17 -0.53 0.00	20.59 -0.39 0.00	23.66 -0.48 0.00	24.12 -0.48 0.00	28.54 -0.58 0.00	35.46 -0.77 -0.03	31.54 -0.65 0.00	35.11 -0.71 0.00	51.31 -0.84 0.00	45.21 -0.46 0.00	43.98 -0.42 0.00	38.39 -0.42 0.00	32.47 -0.33 0.00	25.45 -0.24 0.00	20.75 -0.28 0.00
BROOKHAVEN___DRP 24191	40.05 1.31 0.00	31.99 0.89 0.00	30.47 0.71 0.00	26.37 0.55 0.00	30.77 0.43 0.00	27.70 0.30 0.00	33.86 0.65 -1.87	36.04 1.34 -2.44	39.81 1.48 0.00	34.07 1.37 0.00	22.14 1.15 -0.01	25.34 1.20 0.00	32.73 1.30 -6.83	40.95 1.68 -10.15	40.31 2.19 -1.92	36.00 2.04 -1.77	38.20 2.23 -0.15	55.02 2.87 0.00	47.54 1.87 0.00	45.97 1.57 0.00	36.42 0.83 3.22	33.34 0.54 0.00	26.16 0.47 0.00	21.68 0.65 0.00
BROOKLYN_NAVY_YARD 23515	40.20 1.46 0.00	32.28 1.18 0.00	30.89 1.13 0.00	26.83 1.02 0.00	31.36 1.01 0.00	28.23 0.83 0.00	32.34 1.00 0.00	33.52 1.25 0.00	39.93 1.60 0.00	34.24 1.54 0.00	22.12 1.14 0.00	25.43 1.29 0.00	32.17 1.37 -6.20	31.93 1.66 -1.15	38.76 2.15 -0.42	34.54 1.98 -0.36	38.08 2.12 -0.15	55.01 2.87 0.00	47.68 2.00 0.00	46.12 1.72 0.00	40.12 1.32 0.00	33.96 1.16 0.00	26.67 0.98 0.00	21.92 0.89 0.00
BROOKLYN___ARMY_DRP 323595	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
BROOME_2_LFGE 323671	38.67 -0.07 0.00	30.94 -0.17 0.00	29.59 -0.16 0.00	25.66 -0.16 0.00	30.18 -0.16 0.00	27.26 -0.15 0.00	31.09 -0.24 0.00	32.21 -0.31 -0.25	37.96 -0.36 0.00	32.44 -0.26 0.00	20.82 -0.16 0.00	23.97 -0.17 0.00	24.42 -0.18 0.00	28.97 -0.15 0.00	36.03 -0.19 -0.03	32.01 -0.18 0.00	35.60 -0.22 0.00	51.87 -0.28 0.00	45.38 -0.29 0.00	43.99 -0.41 0.00	38.32 -0.48 0.00	32.47 -0.33 0.00	25.51 -0.19 0.00	20.73 -0.30 0.00
BROOME___LFGE 323600	38.67 -0.07 0.00	30.94 -0.17 0.00	29.59 -0.16 0.00	25.66 -0.16 0.00	30.18 -0.16 0.00	27.26 -0.15 0.00	31.09 -0.24 0.00	32.21 -0.31 -0.25	37.96 -0.36 0.00	32.44 -0.26 0.00	20.82 -0.16 0.00	23.97 -0.17 0.00	24.42 -0.18 0.00	28.97 -0.15 0.00	36.03 -0.19 -0.03	32.01 -0.18 0.00	35.60 -0.22 0.00	51.87 -0.28 0.00	45.38 -0.29 0.00	43.99 -0.41 0.00	38.32 -0.48 0.00	32.47 -0.33 0.00	25.51 -0.19 0.00	20.73 -0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.94 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.36 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 0.00	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
BROWNSV1_27_KV_LOAD 356125	40.70 1.96 0.00	32.66 1.55 0.00	31.24 1.48 0.00	27.12 1.30 0.00	31.70 1.35 0.00	28.51 1.11 0.00	32.66 1.32 0.00	33.87 1.60 0.00	40.33 2.00 0.00	34.63 1.93 0.00	22.36 1.38 0.00	25.71 1.57 0.00	32.48 1.67 -6.20	32.29 2.03 -1.15	39.22 2.61 -0.42	34.93 2.37 -0.36	38.52 2.55 -0.15	55.65 3.50 0.00	48.19 2.52 0.00	46.63 2.23 0.00	40.57 1.77 0.00	34.31 1.51 0.00	26.93 1.23 0.00	22.12 1.09 0.00
BURROWS___LYONSDAL 23803	39.80 1.07 0.00	31.97 0.87 0.00	30.59 0.83 0.00	26.50 0.68 0.00	31.16 0.82 0.00	28.14 0.74 0.00	32.26 0.92 0.00	33.38 0.96 -0.15	39.09 0.76 0.00	33.06 0.36 0.00	21.11 0.13 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.15 0.03 0.00	36.26 0.05 -0.02	32.25 0.06 0.00	35.96 0.14 0.00	52.77 0.62 0.00	46.90 1.23 0.00	45.93 1.53 0.00	40.13 1.33 0.00	33.92 1.12 0.00	26.51 0.82 0.00	21.62 0.58 0.00
CAITHNESS_CC_1 323624	40.05 1.32 0.00	32.00 0.90 0.00	30.48 0.72 0.00	26.39 0.57 0.00	30.78 0.44 0.00	27.72 0.33 0.00	33.88 0.68 -1.87	36.04 1.34 -2.44	39.82 1.50 0.00	34.09 1.39 0.00	22.15 1.16 -0.01	25.36 1.22 0.00	32.76 1.33 -6.83	40.96 1.69 -10.15	40.31 2.19 -1.92	36.00 2.04 -1.77	38.19 2.22 -0.15	54.98 2.83 0.00	47.50 1.83 0.00	45.94 1.54 0.00	36.40 0.81 3.22	33.32 0.52 0.00	26.15 0.46 0.00	21.68 0.65 0.00
CALPINE BETH_PAGE_GT4 24209	40.59 1.85 0.00	32.55 1.45 0.00	31.04 1.28 0.00	26.88 1.06 0.00	31.40 1.05 0.00	28.27 0.87 0.00	34.44 1.23 -1.87	36.51 1.80 -2.44	40.48 2.16 0.00	34.69 1.98 0.00	22.47 1.48 -0.01	25.79 1.65 0.00	33.18 1.75 -6.83	41.41 2.13 -10.15	40.75 2.63 -1.92	36.23 2.27 -1.77	38.35 2.38 -0.15	55.25 3.10 0.00	47.70 2.04 0.00	46.17 1.77 0.00	37.14 1.15 2.81	33.74 0.93 0.00	26.47 0.78 0.00	21.95 0.92 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.59 1.85 0.00	32.55 1.45 0.00	31.04 1.28 0.00	26.88 1.06 0.00	31.39 1.05 0.00	28.27 0.87 0.00	34.43 1.23 -1.87	36.50 1.80 -2.44	40.48 2.15 0.00	34.69 1.98 0.00	22.47 1.48 -0.01	25.79 1.65 0.00	33.19 1.76 -6.83	41.41 2.13 -10.15	40.75 2.63 -1.92	36.22 2.26 -1.77	38.35 2.38 -0.15	55.24 3.10 0.00	47.70 2.03 0.00	46.17 1.77 0.00	37.15 1.15 2.81	33.74 0.93 0.00	26.48 0.78 0.00	21.95 0.92 0.00
CALPINE_BP_GT1 23823	40.59 1.85 0.00	32.55 1.45 0.00	31.04 1.28 0.00	26.88 1.06 0.00	31.39 1.05 0.00	28.27 0.87 0.00	34.43 1.23 -1.87	36.50 1.80 -2.44	40.48 2.15 0.00	34.69 1.98 0.00	22.47 1.48 -0.01	25.79 1.65 0.00	33.19 1.76 -6.83	41.41 2.13 -10.15	40.75 2.63 -1.92	36.22 2.26 -1.77	38.35 2.38 -0.15	55.24 3.10 0.00	47.70 2.03 0.00	46.17 1.77 0.00	37.15 1.15 2.81	33.74 0.93 0.00	26.48 0.78 0.00	21.95 0.92 0.00
CALSPAN___DRP 24200	38.26 -0.48 0.00	30.51 -0.59 0.00	29.16 -0.60 0.00	25.19 -0.63 0.00	29.65 -0.69 0.00	26.87 -0.53 0.00	30.11 -1.23 0.00	30.74 -1.74 -0.21	36.53 -1.80 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.58 -0.56 0.00	23.94 -0.66 0.00	28.38 -0.74 0.00	35.20 -1.01 -0.02	30.72 -1.47 0.00	33.82 -2.00 0.00	48.63 -3.52 0.00	42.77 -2.91 0.00	41.33 -3.07 0.00	36.06 -2.74 0.00	30.68 -2.12 0.00	24.13 -1.56 0.00	19.45 -1.58 0.00

CALVERTON___SOLAR 323806	40.04 1.30 0.00	31.98 0.88 0.00	30.46 0.69 0.00	26.36 0.54 0.00	30.75 0.40 0.00	27.70 0.30 0.00	33.85 0.65 -1.87	36.05 1.34 -2.44	39.80 1.47 0.00	34.08 1.37 0.00	22.14 1.15 -0.01	25.35 1.21 0.00	32.75 1.32 -6.83	40.97 1.69 -10.15	40.34 2.23 -1.92	36.04 2.08 -1.77	38.27 2.30 -0.15	55.13 2.98 0.00	47.65 1.98 0.00	46.07 1.67 0.00	36.48 0.89 3.22	33.39 0.59 0.00	26.19 0.50 0.00	21.71 0.67 0.00
CANDIGU_WT_PWR 323617	38.12 -0.62 0.00	30.37 -0.73 0.00	29.01 -0.75 0.00	25.09 -0.73 0.00	29.54 -0.80 0.00	26.77 -0.63 0.00	30.30 -1.04 0.00	31.16 -1.36 -0.24	36.66 -1.67 0.00	31.49 -1.21 0.00	20.22 -0.76 0.00	23.32 -0.82 0.00	23.72 -0.88 0.00	28.20 -0.92 0.00	35.05 -1.17 -0.03	30.93 -1.27 0.00	34.26 -1.56 0.00	49.84 -2.31 0.00	43.91 -1.77 0.00	42.39 -2.01 0.00	36.75 -2.05 0.00	31.21 -1.60 0.00	24.57 -1.13 0.00	19.79 -1.25 0.00
CARR STREET_E_SYR 24060	38.33 -0.41 0.00	30.73 -0.37 0.00	29.39 -0.37 0.00	25.49 -0.33 0.00	29.96 -0.38 0.00	27.05 -0.34 0.00	30.90 -0.44 0.00	32.08 -0.53 -0.34	37.65 -0.68 0.00	32.12 -0.58 0.00	20.59 -0.40 0.00	23.68 -0.46 0.00	24.14 -0.46 0.00	28.59 -0.54 0.00	35.53 -0.70 -0.04	31.56 -0.64 0.00	35.08 -0.73 0.00	51.03 -1.12 0.00	44.79 -0.88 0.00	43.53 -0.87 0.00	37.98 -0.82 0.00	32.20 -0.60 0.00	25.32 -0.38 0.00	20.65 -0.38 0.00
CARTHAGE___PAPER 23857	40.43 1.69 0.00	32.50 1.40 0.00	31.06 1.30 0.00	26.87 1.05 0.00	31.64 1.29 0.00	28.56 1.16 0.00	32.77 1.43 0.00	34.07 1.49 -0.31	39.47 1.14 0.00	33.16 0.46 0.00	21.06 0.08 0.00	24.06 -0.08 0.00	24.49 -0.11 0.00	28.95 -0.17 0.00	36.05 -0.18 -0.03	32.01 -0.18 0.00	35.65 -0.16 0.00	52.52 0.37 0.00	47.42 1.75 0.00	46.80 2.40 0.00	40.92 2.11 0.00	34.60 1.80 0.00	27.01 1.32 0.00	21.97 0.94 0.00
CASSADAGA_WT_PWR 323784	38.13 -0.60 0.00	30.40 -0.71 0.00	29.06 -0.71 0.00	24.96 -0.86 0.00	29.29 -1.06 0.00	26.60 -0.80 0.00	29.86 -1.48 0.00	30.43 -2.06 -0.21	36.18 -2.14 0.00	31.82 -0.88 0.00	20.65 -0.33 0.00	23.89 -0.25 0.00	24.34 -0.26 0.00	28.95 -0.17 0.00	35.94 -0.28 -0.02	31.53 -0.67 0.00	34.76 -1.06 0.00	50.01 -2.14 0.00	43.69 -1.98 0.00	41.97 -2.43 0.00	36.23 -2.57 0.00	30.56 -2.24 0.00	23.98 -1.72 0.00	19.20 -1.83 0.00
CE_DUNWOOD___DRP 24194	40.17 1.43 0.00	32.27 1.16 0.00	30.86 1.10 0.00	26.78 0.96 0.00	31.33 0.99 0.00	28.21 0.82 0.00	32.33 0.99 0.00	33.50 1.23 0.00	39.88 1.55 0.00	34.15 1.45 0.00	22.02 1.03 0.00	25.31 1.17 0.00	31.65 1.26 -5.79	31.72 1.53 -1.07	38.58 1.99 -0.39	34.36 1.82 -0.34	37.92 1.96 -0.14	54.83 2.68 0.00	47.56 1.89 0.00	46.05 1.65 0.00	40.07 1.27 0.00	33.86 1.05 0.00	26.57 0.87 0.00	21.84 0.81 0.00
CE_MILLWOOD___DRP 24193	40.08 1.34 0.00	32.20 1.10 0.00	30.80 1.04 0.00	26.74 0.92 0.00	31.28 0.94 0.00	28.17 0.77 0.00	32.28 0.94 0.00	33.44 1.17 0.00	39.79 1.46 0.00	34.07 1.37 0.00	21.96 0.98 0.00	25.24 1.10 0.00	31.15 1.19 -5.36	31.56 1.45 -0.99	38.45 1.89 -0.36	34.23 1.73 -0.31	37.82 1.87 -0.13	54.70 2.55 0.00	47.46 1.79 0.00	45.96 1.56 0.00	39.99 1.19 0.00	33.79 0.99 0.00	26.52 0.82 0.00	21.81 0.78 0.00
CE_NYC2_DRP 24202	40.31 1.57 0.00	32.40 1.30 0.00	30.99 1.23 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.47 1.14 0.00	33.66 1.39 0.00	40.06 1.73 0.00	34.40 1.70 0.00	22.22 1.24 0.00	25.54 1.40 0.00	32.30 1.48 -6.21	32.10 1.83 -1.15	38.95 2.34 -0.42	34.68 2.13 -0.36	38.23 2.26 -0.15	55.17 3.02 0.00	47.79 2.12 0.00	46.25 1.85 0.00	40.27 1.47 0.00	34.07 1.26 0.00	26.73 1.03 0.00	21.97 0.94 0.00
CE_NYC_DRP 24195	40.31 1.57 0.00	32.37 1.27 0.00	30.97 1.20 0.00	26.90 1.08 0.00	31.44 1.10 0.00	28.30 0.90 0.00	32.43 1.09 0.00	33.62 1.35 0.00	40.04 1.71 0.00	34.36 1.66 0.00	22.18 1.20 0.00	25.51 1.37 0.00	32.25 1.45 -6.20	32.04 1.77 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.80 2.14 0.00	46.26 1.86 0.00	40.26 1.46 0.00	34.06 1.25 0.00	26.73 1.04 0.00	21.97 0.94 0.00
CHAFFEE___LFGE 323603	38.33 -0.40 0.00	30.56 -0.54 0.00	29.22 -0.54 0.00	25.24 -0.58 0.00	29.71 -0.64 0.00	26.92 -0.48 0.00	30.19 -1.15 0.00	30.84 -1.64 -0.21	36.65 -1.68 0.00	31.89 -0.81 0.00	20.49 -0.49 0.00	23.64 -0.50 0.00	24.00 -0.60 0.00	28.44 -0.68 0.00	35.26 -0.95 -0.02	30.78 -1.41 0.00	33.91 -1.90 0.00	48.82 -3.33 0.00	42.95 -2.72 0.00	41.50 -2.90 0.00	36.21 -2.59 0.00	30.81 -2.00 0.00	24.23 -1.47 0.00	19.52 -1.51 0.00
CHATEAUG_35_KV_LOAD 355732	40.13 1.39 0.00	32.20 1.10 0.00	30.53 0.77 0.00	26.30 0.48 0.00	31.12 0.78 0.00	28.35 0.95 0.00	32.54 1.20 0.00	33.54 1.26 0.00	39.63 1.30 0.00	33.86 1.15 0.00	21.65 0.67 0.00	24.91 0.77 0.00	25.44 0.84 0.00	30.11 1.00 0.00	37.49 1.30 0.00	33.25 1.06 0.00	37.01 1.19 0.00	54.00 1.85 0.00	47.50 1.83 0.00	46.48 2.08 0.00	40.69 1.89 0.00	34.19 1.38 0.00	26.51 0.82 0.00	21.60 0.57 0.00
CHATEAUG_WT_PWR 323614	40.12 1.39 0.00	32.15 1.05 0.00	30.51 0.75 0.00	26.27 0.45 0.00	31.08 0.73 0.00	28.33 0.93 0.00	32.51 1.17 0.00	33.49 1.22 0.00	39.65 1.32 0.00	33.88 1.18 0.00	21.66 0.68 0.00	24.93 0.79 0.00	25.48 0.88 0.00	30.16 1.04 0.00	37.55 1.36 0.00	33.32 1.12 0.00	37.08 1.26 0.00	54.11 1.96 0.00	47.51 1.84 0.00	46.37 1.97 0.00	40.57 1.77 0.00	34.15 1.34 0.00	26.47 0.78 0.00	21.57 0.54 0.00
CHAT_HIGH_FALL_HYD 323578	40.13 1.39 0.00	32.20 1.10 0.00	30.53 0.77 0.00	26.30 0.48 0.00	31.12 0.78 0.00	28.35 0.95 0.00	32.54 1.20 0.00	33.54 1.26 0.00	39.63 1.30 0.00	33.86 1.15 0.00	21.65 0.67 0.00	24.91 0.77 0.00	25.44 0.84 0.00	30.11 1.00 0.00	37.49 1.30 0.00	33.25 1.06 0.00	37.01 1.19 0.00	54.00 1.85 0.00	47.50 1.83 0.00	46.48 2.08 0.00	40.69 1.89 0.00	34.19 1.38 0.00	26.51 0.82 0.00	21.60 0.57 0.00
CHAUTAUQUA___LFGE 323629	38.15 -0.58 0.00	30.37 -0.73 0.00	29.02 -0.74 0.00	24.99 -0.82 0.00	29.37 -0.97 0.00	26.64 -0.75 0.00	29.92 -1.42 0.00	30.52 -1.96 -0.21	36.28 -2.05 0.00	31.70 -1.00 0.00	20.48 -0.50 0.00	23.69 -0.45 0.00	24.10 -0.50 0.00	28.66 -0.46 0.00	35.58 -0.64 -0.02	31.20 -1.00 0.00	34.38 -1.44 0.00	49.50 -2.65 0.00	43.30 -2.37 0.00	41.70 -2.69 0.00	36.10 -2.70 0.00	30.60 -2.20 0.00	24.08 -1.62 0.00	19.32 -1.72 0.00
CHERRYST_13_KV_LD 356241	40.42 1.68 0.00	32.46 1.36 0.00	31.05 1.28 0.00	26.96 1.14 0.00	31.52 1.18 0.00	28.37 0.97 0.00	32.50 1.16 0.00	33.71 1.44 0.00	40.13 1.80 0.00	34.46 1.75 0.00	22.25 1.27 0.00	25.58 1.44 0.00	32.33 1.53 -6.20	32.12 1.86 -1.15	39.01 2.40 -0.42	34.74 2.18 -0.36	38.31 2.34 -0.15	55.34 3.19 0.00	47.94 2.27 0.00	46.38 1.98 0.00	40.35 1.55 0.00	34.13 1.33 0.00	26.79 1.10 0.00	22.03 1.00 0.00

CHESTROR_138KV_BK263 355645	39.62 0.88 0.00	31.83 0.73 0.00	30.49 0.73 0.00	26.50 0.68 0.00	31.04 0.70 0.00	27.97 0.58 0.00	32.01 0.68 0.00	33.09 0.82 0.00	39.34 1.01 0.00	33.61 0.91 0.00	21.63 0.65 0.00	24.87 0.72 0.00	29.63 0.79 -4.24	30.89 0.98 -0.78	37.78 1.30 -0.29	33.65 1.20 -0.25	37.24 1.32 -0.10	54.01 1.87 0.00	46.98 1.32 0.00	45.62 1.22 0.00	39.71 0.90 0.00	33.54 0.74 0.00	26.33 0.63 0.00	21.63 0.60 0.00
CH_MIDHUDSON___DRP 24192	39.97 1.24 0.00	32.14 1.04 0.00	30.75 0.99 0.00	26.70 0.88 0.00	31.26 0.92 0.00	28.16 0.76 0.00	32.27 0.93 0.00	33.40 1.13 0.00	39.74 1.41 0.00	33.97 1.27 0.00	21.85 0.86 0.00	25.12 0.98 0.00	31.53 1.04 -5.88	31.48 1.27 -1.09	38.24 1.65 -0.40	34.08 1.54 -0.34	37.66 1.70 -0.14	54.54 2.39 0.00	47.41 1.74 0.00	45.95 1.55 0.00	40.03 1.23 0.00	33.81 1.01 0.00	26.51 0.81 0.00	21.79 0.76 0.00
CH_MISC_IPPS 23765	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.06 0.00	28.30 0.89 0.00	32.42 1.08 0.00	33.55 1.28 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.95 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.70 -0.36	37.87 1.90 -0.15	54.85 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00
CH_RES_BVR_FALLS 23983	38.70 -0.03 0.00	31.10 0.00 0.00	29.76 0.00 0.00	25.78 -0.04 0.00	30.31 -0.04 0.00	27.42 0.02 0.00	31.40 0.07 0.00	32.35 0.08 0.00	38.44 0.11 0.00	32.83 0.13 0.00	21.06 0.08 0.00	24.23 0.09 0.00	24.68 0.08 0.00	29.21 0.09 0.00	36.32 0.13 0.00	32.28 0.09 0.00	35.89 0.08 0.00	52.28 0.13 0.00	45.86 0.19 0.00	44.61 0.21 0.00	38.97 0.17 0.00	32.96 0.15 0.00	25.79 0.09 0.00	21.09 0.06 0.00
CH_RES_NIAGARA 23895	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.95 0.00	29.55 -1.79 0.00	30.09 -2.38 -0.20	35.80 -2.53 0.00	31.23 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.47 -1.13 0.00	27.76 -1.37 0.00	34.39 -1.83 -0.02	29.91 -2.28 0.00	32.89 -2.93 0.00	47.10 -5.06 0.00	41.50 -4.17 0.00	40.17 -4.23 0.00	35.18 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
CH_RES_SYRACUSE 23985	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.26 0.00	27.17 -0.22 0.00	31.03 -0.30 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.64 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.34 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
CLINTON_WT_PWR 323605	40.12 1.39 0.00	32.15 1.05 0.00	30.51 0.75 0.00	26.27 0.45 0.00	31.08 0.73 0.00	28.33 0.93 0.00	32.51 1.17 0.00	33.49 1.22 0.00	39.65 1.32 0.00	33.88 1.18 0.00	21.66 0.68 0.00	24.93 0.79 0.00	25.48 0.88 0.00	30.16 1.04 0.00	37.55 1.36 0.00	33.32 1.12 0.00	37.08 1.26 0.00	54.11 1.96 0.00	47.51 1.84 0.00	46.37 1.97 0.00	40.57 1.77 0.00	34.15 1.34 0.00	26.47 0.78 0.00	21.57 0.54 0.00
CLINTON___LFGE 323618	40.90 2.16 0.00	32.73 1.62 0.00	31.00 1.24 0.00	26.65 0.82 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.14 1.87 0.00	40.26 1.94 0.00	34.38 1.68 0.00	21.95 0.97 0.00	25.26 1.11 0.00	25.86 1.26 0.00	30.64 1.52 0.00	38.17 1.98 0.00	33.87 1.67 0.00	37.72 1.90 0.00	55.12 2.97 0.00	48.44 2.77 0.00	47.34 2.94 0.00	41.43 2.63 0.00	34.84 2.03 0.00	26.97 1.28 0.00	21.97 0.94 0.00
COBBLENY_34_KV_TB1 80064	38.33 -0.41 0.00	30.56 -0.54 0.00	29.22 -0.54 0.00	25.24 -0.58 0.00	29.71 -0.64 0.00	26.92 -0.48 0.00	30.19 -1.15 0.00	30.84 -1.64 -0.21	36.66 -1.66 0.00	31.90 -0.80 0.00	20.49 -0.49 0.00	23.64 -0.50 0.00	24.00 -0.60 0.00	28.44 -0.68 0.00	35.27 -0.94 -0.02	30.79 -1.41 0.00	33.92 -1.90 0.00	48.82 -3.33 0.00	42.95 -2.72 0.00	41.50 -2.90 0.00	36.22 -2.59 0.00	30.81 -1.99 0.00	24.23 -1.47 0.00	19.52 -1.51 0.00
COFFEEN___115KV_TB3 355620	40.58 1.85 0.00	32.62 1.52 0.00	31.17 1.41 0.00	26.96 1.14 0.00	31.76 1.41 0.00	28.64 1.24 0.00	32.85 1.51 0.00	34.23 1.59 -0.37	39.45 1.12 0.00	32.97 0.27 0.00	20.90 -0.08 0.00	23.85 -0.29 0.00	24.27 -0.33 0.00	28.73 -0.39 0.00	35.76 -0.47 -0.04	31.76 -0.43 0.00	35.37 -0.46 0.00	52.07 -0.08 0.00	47.42 1.75 0.00	47.03 2.63 0.00	41.11 2.31 0.00	34.74 1.94 0.00	27.12 1.43 0.00	22.04 1.00 0.00
COLDSPRG_115KV_BK1 355956	38.65 -0.09 0.00	30.78 -0.32 0.00	29.46 -0.30 0.00	25.40 -0.42 0.00	29.86 -0.49 0.00	27.05 -0.35 0.00	30.44 -0.90 0.00	31.21 -1.27 -0.22	37.13 -1.19 0.00	32.42 -0.28 0.00	20.93 -0.05 0.00	24.17 0.03 0.00	24.63 0.03 0.00	29.25 0.13 0.00	36.25 0.04 -0.02	31.78 -0.41 0.00	34.99 -0.83 0.00	50.41 -1.74 0.00	44.11 -1.56 0.00	42.53 -1.87 0.00	36.87 -1.93 0.00	31.28 -1.52 0.00	24.66 -1.04 0.00	19.78 -1.25 0.00
COLONIE_LFGE___ 323577	39.31 0.57 0.00	31.60 0.49 0.00	30.26 0.49 0.00	26.27 0.45 0.00	30.81 0.46 0.00	27.81 0.41 0.00	31.92 0.58 0.00	32.94 0.67 0.00	39.10 0.77 0.00	33.21 0.50 0.00	21.26 0.27 0.00	24.44 0.30 0.00	21.20 0.35 3.75	28.82 0.39 0.69	36.38 0.44 0.25	32.37 0.39 0.22	36.22 0.49 0.09	52.89 0.74 0.00	46.22 0.55 0.00	44.99 0.59 0.00	39.45 0.65 0.00	33.37 0.57 0.00	26.13 0.44 0.00	21.55 0.52 0.00
COOPERNY_115KV_TB1 80082	39.32 0.59 0.00	31.57 0.47 0.00	30.23 0.47 0.00	26.27 0.44 0.00	30.80 0.46 0.00	27.76 0.36 0.00	31.76 0.42 0.00	32.79 0.52 0.00	38.96 0.63 0.00	33.28 0.59 0.00	21.40 0.42 0.00	24.61 0.47 0.00	27.90 0.51 -2.79	30.27 0.64 -0.52	37.22 0.84 -0.19	33.14 0.78 -0.16	36.76 0.87 -0.07	53.37 1.23 0.00	46.50 0.83 0.00	45.16 0.76 0.00	39.35 0.55 0.00	33.25 0.45 0.00	26.09 0.40 0.00	21.41 0.38 0.00
COPENHAGEN_WT_PWR 323753	40.12 1.38 0.00	32.28 1.18 0.00	30.85 1.09 0.00	26.68 0.86 0.00	31.43 1.08 0.00	28.33 0.93 0.00	32.49 1.16 0.00	33.86 1.20 -0.39	39.12 0.79 0.00	32.86 0.16 0.00	20.87 -0.11 0.00	23.81 -0.33 0.00	24.22 -0.37 0.00	28.68 -0.44 0.00	35.71 -0.53 -0.04	31.72 -0.48 0.00	35.30 -0.52 0.00	51.92 -0.23 0.00	46.96 1.29 0.00	46.37 1.97 0.00	40.54 1.74 0.00	34.28 1.48 0.00	26.80 1.11 0.00	21.80 0.76 0.00
CORNELL_____ 23752	39.09 0.36 0.00	31.32 0.22 0.00	29.93 0.17 0.00	25.96 0.13 0.00	30.54 0.20 0.00	27.59 0.20 0.00	31.52 0.19 0.00	32.73 0.12 -0.33	38.31 -0.02 0.00	32.52 -0.18 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.80 -0.32 0.00	35.83 -0.40 -0.04	31.87 -0.33 0.00	35.57 -0.25 0.00	52.13 -0.02 0.00	46.03 0.36 0.00	44.81 0.41 0.00	39.05 0.25 0.00	33.04 0.23 0.00	25.88 0.19 0.00	21.03 0.00 0.00

CORONA__69_KV_TB1 355595	40.62 1.89 0.00	32.59 1.49 0.00	31.10 1.34 0.00	26.95 1.13 0.00	31.47 1.12 0.00	28.33 0.93 0.00	34.47 1.27 -1.87	36.47 1.76 -2.44	40.47 2.14 0.00	34.68 1.98 0.00	22.44 1.45 -0.01	25.77 1.62 0.00	33.14 1.71 -6.83	41.33 2.06 -10.15	40.73 2.61 -1.92	36.35 2.39 -1.77	38.52 2.55 -0.15	55.54 3.39 0.00	48.04 2.37 0.00	46.53 2.14 0.00	37.62 1.48 2.65	33.93 1.13 0.00	26.61 0.92 0.00	21.97 0.93 0.00
CORTLAND__115KV_TB3 80093	38.86 0.13 0.00	31.14 0.04 0.00	29.79 0.03 0.00	25.84 0.02 0.00	30.38 0.03 0.00	27.43 0.03 0.00	31.34 0.01 0.00	32.56 -0.04 -0.33	38.17 -0.16 0.00	32.49 -0.21 0.00	20.79 -0.19 0.00	23.91 -0.23 0.00	24.35 -0.25 0.00	28.87 -0.25 0.00	35.89 -0.33 -0.04	31.93 -0.26 0.00	35.57 -0.25 0.00	51.99 -0.16 0.00	45.71 0.04 0.00	44.46 0.06 0.00	38.77 -0.03 0.00	32.81 0.01 0.00	25.72 0.02 0.00	20.94 -0.09 0.00
COXSACKIE__GT 23611	39.73 1.00 0.00	31.98 0.88 0.00	30.67 0.91 0.00	26.63 0.81 0.00	31.24 0.89 0.00	28.23 0.83 0.00	32.40 1.06 0.00	33.49 1.22 0.00	39.45 1.13 0.00	33.13 0.43 0.00	21.19 0.20 0.00	24.32 0.17 0.00	24.22 0.23 0.61	29.24 0.23 0.11	36.39 0.24 0.04	32.48 0.32 0.04	36.28 0.48 0.02	53.20 1.05 0.00	47.09 1.42 0.00	46.01 1.61 0.00	40.26 1.46 0.00	34.03 1.22 0.00	26.61 0.91 0.00	21.84 0.81 0.00
CPV_VALLEY__CC1 323721	39.34 0.60 0.00	31.62 0.52 0.00	30.28 0.52 0.00	26.32 0.50 0.00	30.84 0.49 0.00	27.79 0.39 0.00	31.80 0.46 0.00	32.86 0.60 0.00	39.07 0.74 0.00	33.39 0.69 0.00	21.50 0.52 0.00	24.71 0.57 0.00	28.74 0.63 -3.51	30.55 0.78 -0.65	37.46 1.04 -0.24	33.36 0.96 -0.20	36.95 1.05 -0.08	53.59 1.45 0.00	46.62 0.95 0.00	45.27 0.87 0.00	39.43 0.62 0.00	33.31 0.51 0.00	26.14 0.44 0.00	21.48 0.45 0.00
CPV_VALLEY__CC2 323722	39.34 0.60 0.00	31.62 0.52 0.00	30.28 0.52 0.00	26.32 0.50 0.00	30.84 0.49 0.00	27.79 0.39 0.00	31.80 0.46 0.00	32.86 0.60 0.00	39.07 0.74 0.00	33.39 0.69 0.00	21.50 0.52 0.00	24.71 0.57 0.00	28.74 0.63 -3.51	30.55 0.78 -0.65	37.46 1.04 -0.24	33.36 0.96 -0.20	36.95 1.05 -0.08	53.59 1.45 0.00	46.62 0.95 0.00	45.27 0.87 0.00	39.43 0.62 0.00	33.31 0.51 0.00	26.14 0.44 0.00	21.48 0.45 0.00
CRESCENT__HYD 24018	39.31 0.57 0.00	31.60 0.49 0.00	30.26 0.49 0.00	26.27 0.45 0.00	30.81 0.46 0.00	27.81 0.41 0.00	31.92 0.58 0.00	32.94 0.67 0.00	39.10 0.77 0.00	33.21 0.50 0.00	21.26 0.27 0.00	24.44 0.30 0.00	21.20 0.35 3.75	28.82 0.39 0.69	36.38 0.44 0.25	32.37 0.39 0.22	36.22 0.49 0.09	52.89 0.74 0.00	46.22 0.55 0.00	44.99 0.59 0.00	39.45 0.65 0.00	33.37 0.57 0.00	26.13 0.44 0.00	21.55 0.52 0.00
CRICKET__VALLEY_CC1 323756	39.51 0.77 0.00	31.75 0.65 0.00	30.39 0.63 0.00	26.40 0.58 0.00	30.89 0.54 0.00	27.82 0.42 0.00	31.92 0.58 0.00	33.05 0.78 0.00	39.34 1.01 0.00	33.58 0.88 0.00	21.56 0.59 0.00	24.81 0.67 0.00	-15.45 0.70 40.75	22.45 0.86 7.54	34.58 1.15 2.76	30.89 1.09 2.39	36.00 1.17 0.98	53.78 1.63 0.00	46.80 1.14 0.00	45.41 1.01 0.00	39.58 0.78 0.00	33.46 0.66 0.00	26.21 0.51 0.00	21.60 0.56 0.00
CRICKET__VALLEY_CC2 323757	39.51 0.77 0.00	31.75 0.65 0.00	30.39 0.63 0.00	26.40 0.58 0.00	30.89 0.54 0.00	27.82 0.42 0.00	31.92 0.58 0.00	33.05 0.78 0.00	39.34 1.01 0.00	33.58 0.88 0.00	21.56 0.59 0.00	24.81 0.67 0.00	-15.45 0.70 40.75	22.45 0.86 7.54	34.58 1.15 2.76	30.89 1.09 2.39	36.00 1.17 0.98	53.78 1.63 0.00	46.80 1.14 0.00	45.41 1.01 0.00	39.58 0.78 0.00	33.46 0.66 0.00	26.21 0.51 0.00	21.60 0.56 0.00
CRICKET__VALLEY_CC3 323758	39.51 0.77 0.00	31.75 0.65 0.00	30.39 0.63 0.00	26.40 0.58 0.00	30.89 0.54 0.00	27.82 0.42 0.00	31.92 0.58 0.00	33.05 0.78 0.00	39.34 1.01 0.00	33.58 0.88 0.00	21.56 0.59 0.00	24.81 0.67 0.00	-15.45 0.70 40.75	22.45 0.86 7.54	34.58 1.15 2.76	30.89 1.09 2.39	36.00 1.17 0.98	53.78 1.63 0.00	46.80 1.14 0.00	45.41 1.01 0.00	39.58 0.78 0.00	33.46 0.66 0.00	26.21 0.51 0.00	21.60 0.56 0.00
CRUCIBLE__METL_DRP 24180	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
DAHOWA__HYDRO 323763	39.91 1.17 0.00	32.06 0.95 0.00	30.74 0.98 0.00	26.64 0.82 0.00	31.25 0.91 0.00	28.22 0.82 0.00	32.44 1.11 0.00	33.47 1.20 0.00	39.76 1.44 0.00	33.64 0.94 0.00	21.42 0.43 0.00	24.63 0.48 0.00	22.03 0.53 3.10	29.16 0.61 0.57	36.63 0.64 0.21	32.50 0.49 0.18	36.50 0.75 0.07	53.63 1.48 0.00	47.01 1.33 0.00	45.87 1.47 0.00	40.19 1.39 0.00	33.96 1.16 0.00	26.58 0.88 0.00	21.89 0.86 0.00
DANC__LFGE 323619	39.36 0.63 0.00	31.62 0.52 0.00	30.23 0.47 0.00	26.17 0.35 0.00	30.80 0.46 0.00	27.79 0.39 0.00	31.82 0.48 0.00	33.23 0.48 -0.48	38.47 0.14 0.00	32.47 -0.23 0.00	20.68 -0.29 0.00	23.67 -0.47 0.00	24.10 -0.51 0.00	28.52 -0.59 0.00	35.50 -0.75 -0.05	31.54 -0.66 0.00	35.08 -0.74 0.00	51.42 -0.73 0.00	46.05 0.38 0.00	45.25 0.85 0.00	39.56 0.76 0.00	33.48 0.68 0.00	26.19 0.50 0.00	21.33 0.30 0.00
DANSKAMMER__1 23586	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.06 0.00	28.30 0.89 0.00	32.42 1.08 0.00	33.55 1.28 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.95 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.70 -0.36	37.87 1.90 -0.15	54.85 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00
DANSKAMMER__2 23589	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.06 0.00	28.30 0.89 0.00	32.42 1.08 0.00	33.55 1.28 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.95 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.70 -0.36	37.87 1.90 -0.15	54.85 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00
DANSKAMMER__3 23590	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.06 0.00	28.30 0.89 0.00	32.42 1.08 0.00	33.55 1.28 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.95 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.70 -0.36	37.87 1.90 -0.15	54.85 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00

DANSKAMMER___4 23591	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.06 0.00	28.30 0.89 0.00	32.42 1.08 0.00	33.55 1.28 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.95 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.70 -0.36	37.87 1.90 -0.15	54.85 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00
DANSKAMMER___DIESEL 23592	40.11 1.38 0.00	32.27 1.17 0.00	30.89 1.13 0.00	26.82 1.00 0.00	31.41 1.07 0.00	28.30 0.90 0.00	32.42 1.08 0.00	33.54 1.27 0.00	39.90 1.57 0.00	34.10 1.40 0.00	21.93 0.94 0.00	25.21 1.07 0.00	31.90 1.15 -6.15	31.66 1.40 -1.14	38.43 1.83 -0.42	34.26 1.71 -0.36	37.87 1.90 -0.15	54.86 2.71 0.00	47.70 2.03 0.00	46.24 1.85 0.00	40.25 1.45 0.00	33.99 1.19 0.00	26.66 0.96 0.00	21.89 0.86 0.00
DARBY___SOLAR 323810	39.75 1.02 0.00	31.94 0.83 0.00	30.62 0.86 0.00	26.54 0.72 0.00	31.15 0.80 0.00	28.12 0.72 0.00	32.31 0.97 0.00	33.33 1.06 0.00	39.58 1.26 0.00	33.51 0.81 0.00	21.36 0.37 0.00	24.55 0.41 0.00	21.84 0.45 3.21	29.05 0.52 0.60	36.52 0.55 0.22	32.42 0.41 0.19	36.38 0.64 0.08	53.42 1.28 0.00	46.80 1.14 0.00	45.65 1.25 0.00	40.00 1.19 0.00	33.81 1.01 0.00	26.45 0.76 0.00	21.80 0.77 0.00
DASHVILLE___HYD 23610	39.96 1.23 0.00	31.98 0.88 0.00	30.55 0.79 0.00	26.54 0.72 0.00	31.11 0.77 0.00	28.01 0.61 0.00	32.08 0.74 0.00	33.19 0.92 0.00	39.47 1.15 0.00	33.72 1.02 0.00	21.69 0.70 0.00	24.92 0.77 0.00	28.63 0.86 -3.18	30.76 1.05 -0.59	37.79 1.39 -0.21	33.68 1.30 -0.19	37.30 1.40 -0.08	54.12 1.97 0.00	47.09 1.43 0.00	45.75 1.35 0.00	39.83 1.03 0.00	33.63 0.82 0.00	26.38 0.68 0.00	21.67 0.63 0.00
DELAWARE___LFGE 323621	39.33 0.59 0.00	31.58 0.48 0.00	30.20 0.44 0.00	26.21 0.39 0.00	30.86 0.51 0.00	27.81 0.41 0.00	31.81 0.47 0.00	32.92 0.52 -0.13	38.90 0.57 0.00	33.21 0.50 0.00	21.31 0.33 0.00	24.51 0.37 0.00	24.99 0.39 0.00	29.60 0.48 0.00	36.84 0.63 -0.01	32.78 0.58 0.00	36.50 0.68 0.00	53.21 1.06 0.00	46.45 0.78 0.00	45.08 0.68 0.00	39.36 0.55 0.00	33.26 0.46 0.00	26.07 0.38 0.00	21.28 0.25 0.00
DERFIELD_115KV_TB7 355931	38.73 0.00 0.00	31.10 0.00 0.00	29.77 0.01 0.00	25.84 0.02 0.00	30.35 0.01 0.00	27.40 0.00 0.00	31.34 0.00 0.00	32.30 0.02 0.00	38.32 -0.01 0.00	32.67 -0.03 0.00	20.96 -0.03 0.00	24.10 -0.04 0.00	24.57 -0.03 0.00	29.09 -0.03 0.00	36.14 -0.05 0.00	32.16 -0.03 0.00	35.82 0.00 0.00	52.19 0.04 0.00	45.66 -0.01 0.00	44.40 0.00 0.00	38.80 0.00 0.00	32.80 0.00 0.00	25.69 0.00 0.00	21.05 0.02 0.00
DOGLEVILLE___HYD 23807	38.87 0.13 0.00	31.28 0.18 0.00	30.00 0.24 0.00	26.04 0.23 0.00	30.54 0.20 0.00	27.60 0.20 0.00	31.67 0.33 0.00	32.65 0.38 0.00	38.19 -0.14 0.00	31.96 -0.73 0.00	20.49 -0.49 0.00	23.55 -0.59 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.27 -0.93 0.00	31.52 -0.68 0.00	35.38 -0.44 0.00	52.25 0.10 0.00	45.94 0.27 0.00	44.93 0.53 0.00	39.25 0.45 0.00	33.09 0.29 0.00	25.90 0.21 0.00	21.27 0.24 0.00
DUNKIRK__115KV_TB_200 55889	38.15 -0.59 0.00	30.36 -0.74 0.00	29.03 -0.73 0.00	25.00 -0.81 0.00	29.39 -0.95 0.00	26.65 -0.75 0.00	29.93 -1.41 0.00	30.54 -1.94 -0.21	36.31 -2.02 0.00	31.71 -1.00 0.00	20.47 -0.51 0.00	23.67 -0.47 0.00	24.07 -0.53 0.00	28.63 -0.49 0.00	35.53 -0.68 -0.02	31.16 -1.04 0.00	34.33 -1.49 0.00	49.43 -2.72 0.00	43.25 -2.42 0.00	41.66 -2.74 0.00	36.08 -2.72 0.00	30.62 -2.19 0.00	24.10 -1.59 0.00	19.34 -1.70 0.00
DUNKIRK___1 23563	38.15 -0.59 0.00	30.36 -0.74 0.00	29.03 -0.73 0.00	25.00 -0.81 0.00	29.39 -0.95 0.00	26.65 -0.75 0.00	29.93 -1.41 0.00	30.54 -1.94 -0.21	36.31 -2.02 0.00	31.71 -1.00 0.00	20.47 -0.51 0.00	23.67 -0.47 0.00	24.07 -0.53 0.00	28.63 -0.49 0.00	35.53 -0.68 -0.02	31.16 -1.04 0.00	34.33 -1.49 0.00	49.43 -2.72 0.00	43.25 -2.42 0.00	41.66 -2.74 0.00	36.08 -2.72 0.00	30.62 -2.19 0.00	24.10 -1.59 0.00	19.34 -1.70 0.00
DUNKIRK___2 23564	38.15 -0.59 0.00	30.36 -0.74 0.00	29.03 -0.73 0.00	25.00 -0.81 0.00	29.39 -0.95 0.00	26.65 -0.75 0.00	29.93 -1.41 0.00	30.54 -1.94 -0.21	36.31 -2.02 0.00	31.71 -1.00 0.00	20.47 -0.51 0.00	23.67 -0.47 0.00	24.07 -0.53 0.00	28.63 -0.49 0.00	35.53 -0.68 -0.02	31.16 -1.04 0.00	34.33 -1.49 0.00	49.43 -2.72 0.00	43.25 -2.42 0.00	41.66 -2.74 0.00	36.08 -2.72 0.00	30.62 -2.19 0.00	24.10 -1.59 0.00	19.34 -1.70 0.00
DUNKIRK___3 23565	38.11 -0.62 0.00	30.36 -0.74 0.00	29.03 -0.73 0.00	25.04 -0.78 0.00	29.44 -0.90 0.00	26.68 -0.72 0.00	29.97 -1.37 0.00	30.60 -1.88 -0.21	36.38 -1.95 0.00	31.71 -0.99 0.00	20.45 -0.53 0.00	23.63 -0.52 0.00	24.02 -0.58 0.00	28.54 -0.58 0.00	35.41 -0.81 -0.02	31.02 -1.18 0.00	34.16 -1.66 0.00	49.17 -2.97 0.00	43.08 -2.59 0.00	41.53 -2.87 0.00	36.04 -2.76 0.00	30.62 -2.18 0.00	24.12 -1.57 0.00	19.38 -1.66 0.00
DUNKIRK___4 23566	38.11 -0.62 0.00	30.36 -0.74 0.00	29.03 -0.73 0.00	25.04 -0.78 0.00	29.44 -0.90 0.00	26.68 -0.72 0.00	29.97 -1.37 0.00	30.60 -1.88 -0.21	36.38 -1.95 0.00	31.71 -0.99 0.00	20.45 -0.53 0.00	23.63 -0.52 0.00	24.02 -0.58 0.00	28.54 -0.58 0.00	35.41 -0.81 -0.02	31.02 -1.18 0.00	34.16 -1.66 0.00	49.17 -2.97 0.00	43.08 -2.59 0.00	41.53 -2.87 0.00	36.04 -2.76 0.00	30.62 -2.18 0.00	24.12 -1.57 0.00	19.38 -1.66 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.26 1.53 0.00	32.34 1.24 0.00	30.93 1.17 0.00	26.85 1.02 0.00	31.40 1.06 0.00	28.27 0.87 0.00	32.40 1.06 0.00	33.59 1.32 0.00	39.98 1.65 0.00	34.25 1.55 0.00	22.08 1.10 0.00	25.40 1.26 0.00	32.15 1.34 -6.21	31.90 1.63 -1.15	38.72 2.11 -0.42	34.48 1.92 -0.36	38.04 2.07 -0.15	54.97 2.83 0.00	47.66 1.99 0.00	46.15 1.75 0.00	40.15 1.35 0.00	33.93 1.13 0.00	26.63 0.93 0.00	21.89 0.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.88 1.15 0.00	32.03 0.93 0.00	30.66 0.90 0.00	26.64 0.82 0.00	31.21 0.86 0.00	28.11 0.71 0.00	32.19 0.85 0.00	33.29 1.02 0.00	39.58 1.25 0.00	33.82 1.12 0.00	21.75 0.77 0.00	25.01 0.86 0.00	30.46 0.93 -4.92	31.18 1.15 -0.91	38.04 1.52 -0.33	33.90 1.42 -0.29	37.51 1.57 -0.12	54.38 2.24 0.00	47.30 1.63 0.00	45.90 1.51 0.00	39.96 1.16 0.00	33.75 0.95 0.00	26.48 0.78 0.00	21.75 0.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.27 1.53 0.00	32.37 1.26 0.00	30.97 1.20 0.00	26.85 1.03 0.00	31.40 1.05 0.00	28.27 0.87 0.00	32.44 1.10 0.00	33.63 1.36 0.00	40.05 1.72 0.00	34.35 1.65 0.00	22.20 1.22 0.00	25.50 1.36 0.00	32.25 1.44 -6.21	32.08 1.81 -1.15	38.90 2.29 -0.42	34.63 2.08 -0.36	38.16 2.20 -0.15	55.06 2.91 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.24 1.44 0.00	34.03 1.23 0.00	26.70 1.00 0.00	21.94 0.91 0.00

E179THST_13_KV_LOAD 356214	40.46 1.73 0.00	32.52 1.41 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.52 1.18 0.00	28.38 0.98 0.00	32.56 1.22 0.00	33.75 1.48 0.00	40.21 1.88 0.00	34.50 1.80 0.00	22.29 1.31 0.00	25.62 1.47 0.00	32.38 1.56 -6.21	32.22 1.95 -1.15	39.08 2.47 -0.42	34.79 2.23 -0.36	38.34 2.37 -0.15	55.31 3.16 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.42 1.62 0.00	34.18 1.38 0.00	26.81 1.12 0.00	22.03 1.00 0.00
EAST HAMPTON___GT 23717	39.48 0.75 0.00	31.38 0.28 0.00	29.90 0.14 0.00	25.90 0.08 0.00	30.26 -0.08 0.00	27.34 -0.06 0.00	33.59 0.39 -1.87	35.78 1.07 -2.44	39.42 1.10 0.00	34.13 1.43 0.00	22.30 1.31 -0.01	25.64 1.50 0.00	33.19 1.76 -6.83	41.63 2.36 -10.15	41.29 3.17 -1.92	37.05 3.09 -1.77	39.48 3.51 -0.15	56.98 4.83 0.00	49.14 3.47 0.00	47.16 2.76 0.00	37.18 1.59 3.22	33.93 1.12 0.00	26.68 0.98 0.00	22.12 1.09 0.00
EAST RIVER___6 23660	40.27 1.54 0.00	32.34 1.24 0.00	30.93 1.17 0.00	26.86 1.04 0.00	31.38 1.04 0.00	28.25 0.85 0.00	32.37 1.03 0.00	33.56 1.29 0.00	39.98 1.65 0.00	34.31 1.61 0.00	22.17 1.19 0.00	25.50 1.36 0.00	32.25 1.45 -6.20	32.03 1.77 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.78 2.11 0.00	46.25 1.85 0.00	40.23 1.43 0.00	34.03 1.23 0.00	26.71 1.02 0.00	21.96 0.93 0.00
EAST RIVER___7 23524	40.27 1.54 0.00	32.34 1.24 0.00	30.93 1.17 0.00	26.86 1.04 0.00	31.38 1.04 0.00	28.25 0.85 0.00	32.37 1.03 0.00	33.56 1.29 0.00	39.98 1.65 0.00	34.31 1.61 0.00	22.17 1.19 0.00	25.50 1.36 0.00	32.25 1.45 -6.20	32.03 1.77 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.78 2.11 0.00	46.25 1.85 0.00	40.23 1.43 0.00	34.03 1.23 0.00	26.71 1.02 0.00	21.96 0.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.17 1.43 0.00	32.27 1.16 0.00	30.86 1.10 0.00	26.78 0.96 0.00	31.33 0.99 0.00	28.21 0.82 0.00	32.33 0.99 0.00	33.50 1.23 0.00	39.88 1.55 0.00	34.15 1.45 0.00	22.02 1.03 0.00	25.31 1.17 0.00	31.65 1.26 -5.79	31.72 1.53 -1.07	38.58 1.99 -0.39	34.36 1.82 -0.34	37.92 1.96 -0.14	54.83 2.68 0.00	47.56 1.89 0.00	46.05 1.65 0.00	40.07 1.27 0.00	33.86 1.05 0.00	26.57 0.87 0.00	21.84 0.81 0.00
EAST_HAMPTON___DIESEL 23722	39.37 0.64 0.00	31.29 0.18 0.00	29.81 0.05 0.00	25.83 0.00 0.00	30.17 -0.17 0.00	27.26 -0.14 0.00	33.52 0.32 -1.87	35.71 1.00 -2.44	39.33 1.00 0.00	34.06 1.36 0.00	22.27 1.29 -0.01	25.61 1.47 0.00	33.17 1.74 -6.83	41.62 2.35 -10.15	41.28 3.16 -1.92	37.05 3.09 -1.77	39.49 3.52 -0.15	56.98 4.83 0.00	49.14 3.47 0.00	47.14 2.74 0.00	37.14 1.55 3.22	33.89 1.09 0.00	26.66 0.96 0.00	22.11 1.08 0.00
EAST_POINT___SOLAR 323840	40.61 1.87 0.00	32.57 1.47 0.00	31.13 1.37 0.00	26.96 1.14 0.00	31.72 1.38 0.00	28.67 1.27 0.00	32.83 1.49 0.00	33.45 1.19 0.00	38.24 -0.09 0.00	32.11 -0.59 0.00	20.50 -0.48 0.00	23.59 -0.55 0.00	22.20 -0.56 1.85	28.07 -0.71 0.34	35.24 -0.82 0.12	31.45 -0.64 0.11	35.26 -0.51 0.04	52.93 0.79 0.00	47.63 1.96 0.00	46.86 2.46 0.00	40.93 2.13 0.00	34.40 1.60 0.00	26.87 1.17 0.00	21.90 0.86 0.00
EAST_PULASKI___ESR 323781	38.63 -0.11 0.00	31.00 -0.10 0.00	29.64 -0.12 0.00	25.68 -0.14 0.00	30.20 -0.15 0.00	27.26 -0.14 0.00	31.18 -0.16 0.00	32.72 -0.21 -0.66	37.83 -0.50 0.00	32.10 -0.61 0.00	20.51 -0.47 0.00	23.55 -0.59 0.00	23.98 -0.62 0.00	28.39 -0.73 0.00	35.32 -0.94 -0.07	31.38 -0.82 0.00	34.90 -0.92 0.00	51.00 -1.15 0.00	45.20 -0.47 0.00	44.17 -0.22 0.00	38.63 -0.17 0.00	32.70 -0.11 0.00	25.60 -0.09 0.00	20.88 -0.15 0.00
EAST_RIVER___1 323558	40.31 1.57 0.00	32.38 1.27 0.00	30.97 1.20 0.00	26.90 1.08 0.00	31.44 1.10 0.00	28.30 0.90 0.00	32.43 1.09 0.00	33.61 1.34 0.00	40.04 1.71 0.00	34.36 1.66 0.00	22.18 1.20 0.00	25.51 1.37 0.00	32.26 1.46 -6.20	32.03 1.77 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.19 2.23 -0.15	55.18 3.03 0.00	47.81 2.14 0.00	46.26 1.86 0.00	40.26 1.46 0.00	34.05 1.25 0.00	26.73 1.04 0.00	21.97 0.94 0.00
EAST_RIVER___2 323559	40.27 1.54 0.00	32.34 1.24 0.00	30.93 1.17 0.00	26.86 1.04 0.00	31.38 1.04 0.00	28.25 0.85 0.00	32.37 1.03 0.00	33.56 1.29 0.00	39.98 1.65 0.00	34.31 1.61 0.00	22.17 1.19 0.00	25.50 1.36 0.00	32.25 1.45 -6.20	32.03 1.77 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.78 2.11 0.00	46.25 1.85 0.00	40.23 1.43 0.00	34.03 1.23 0.00	26.71 1.02 0.00	21.96 0.93 0.00
EAST___DELAWARE_HYD 23607	38.90 0.17 0.00	31.24 0.14 0.00	29.88 0.12 0.00	25.95 0.13 0.00	30.41 0.07 0.00	27.41 0.01 0.00	31.39 0.05 0.00	32.47 0.20 0.00	38.58 0.25 0.00	32.88 0.18 0.00	21.11 0.13 0.00	24.23 0.09 0.00	28.45 0.13 -3.72	29.99 0.18 -0.69	36.75 0.31 -0.25	32.82 0.40 -0.22	36.42 0.51 -0.09	53.01 0.86 0.00	46.25 0.58 0.00	44.96 0.56 0.00	39.15 0.35 0.00	33.04 0.23 0.00	25.90 0.20 0.00	21.24 0.21 0.00
EIGHT_POINT___WT_PWR 323820	38.06 -0.67 0.00	30.17 -0.93 0.00	28.68 -1.09 0.00	24.88 -0.94 0.00	29.35 -1.00 0.00	26.67 -0.73 0.00	30.07 -1.27 0.00	30.82 -1.70 -0.25	36.24 -2.09 0.00	31.39 -1.31 0.00	20.18 -0.80 0.00	23.25 -0.89 0.00	23.67 -0.93 0.00	28.20 -0.92 0.00	35.06 -1.16 -0.03	30.90 -1.29 0.00	34.26 -1.56 0.00	49.98 -2.17 0.00	44.14 -1.53 0.00	42.47 -1.93 0.00	36.68 -2.12 0.00	31.09 -1.72 0.00	24.47 -1.22 0.00	19.63 -1.40 0.00
ELBRIDGE_115KV_TB2 80188	38.29 -0.44 0.00	30.71 -0.40 0.00	29.37 -0.39 0.00	25.47 -0.35 0.00	29.94 -0.40 0.00	27.04 -0.36 0.00	30.87 -0.47 0.00	32.22 -0.56 -0.51	37.58 -0.75 0.00	32.05 -0.65 0.00	20.53 -0.45 0.00	23.63 -0.51 0.00	24.07 -0.53 0.00	28.51 -0.61 0.00	35.45 -0.80 -0.05	31.51 -0.68 0.00	35.08 -0.74 0.00	51.17 -0.98 0.00	44.96 -0.70 0.00	43.69 -0.71 0.00	38.12 -0.68 0.00	32.26 -0.54 0.00	25.29 -0.41 0.00	20.63 -0.40 0.00
ELEC_TRO_TEK 24086	40.36 1.63 0.00	32.40 1.29 0.00	30.91 1.15 0.00	26.79 0.97 0.00	31.31 0.96 0.00	28.18 0.78 0.00	34.31 1.11 -1.87	36.34 1.63 -2.44	40.29 1.97 0.00	34.52 1.82 0.00	22.34 1.36 -0.01	25.65 1.51 0.00	33.03 1.60 -6.83	41.22 1.95 -10.15	40.59 2.47 -1.92	36.19 2.23 -1.77	38.34 2.37 -0.15	55.27 3.12 0.00	47.78 2.11 0.00	46.28 1.88 0.00	37.48 1.25 2.57	33.75 0.94 0.00	26.47 0.78 0.00	21.86 0.83 0.00
ELLENBURG_WT_PWR 323604	40.12 1.39 0.00	32.15 1.05 0.00	30.51 0.75 0.00	26.27 0.45 0.00	31.08 0.73 0.00	28.33 0.93 0.00	32.51 1.17 0.00	33.49 1.22 0.00	39.65 1.32 0.00	33.88 1.18 0.00	21.66 0.68 0.00	24.93 0.79 0.00	25.48 0.88 0.00	30.16 1.04 0.00	37.55 1.36 0.00	33.32 1.12 0.00	37.08 1.26 0.00	54.11 1.96 0.00	47.51 1.84 0.00	46.37 1.97 0.00	40.57 1.77 0.00	34.15 1.34 0.00	26.47 0.78 0.00	21.57 0.54 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.14 -0.59 0.00	30.44 -0.66 0.00	29.09 -0.67 0.00	25.14 -0.68 0.00	29.59 -0.75 0.00	26.82 -0.58 0.00	30.05 -1.29 0.00	30.66 -1.82 -0.21	36.43 -1.90 0.00	31.74 -0.96 0.00	20.39 -0.59 0.00	23.54 -0.61 0.00	23.90 -0.70 0.00	28.32 -0.80 0.00	35.11 -1.11 -0.02	30.62 -1.57 0.00	33.70 -2.12 0.00	48.42 -3.73 0.00	42.61 -3.06 0.00	41.17 -3.23 0.00	35.95 -2.86 0.00	30.58 -2.22 0.00	24.06 -1.64 0.00	19.40 -1.63 0.00
EMPIRE_CC_1 323656	38.66 -0.07 0.00	31.12 0.02 0.00	29.79 0.03 0.00	25.87 0.05 0.00	30.34 0.00 0.00	27.40 0.00 0.00	31.42 0.08 0.00	32.44 0.17 0.00	38.50 0.17 0.00	32.73 0.03 0.00	21.03 0.05 0.00	24.18 0.03 0.00	20.30 0.10 4.40	28.36 0.05 0.81	35.87 -0.03 0.30	31.95 0.02 0.26	35.70 -0.02 0.11	51.95 -0.20 0.00	45.34 -0.33 0.00	44.10 -0.30 0.00	38.71 -0.10 0.00	32.77 -0.03 0.00	25.68 -0.02 0.00	21.22 0.19 0.00
EMPIRE_CC_2 323658	38.66 -0.07 0.00	31.12 0.02 0.00	29.79 0.03 0.00	25.87 0.05 0.00	30.34 0.00 0.00	27.40 0.00 0.00	31.42 0.08 0.00	32.44 0.17 0.00	38.50 0.17 0.00	32.73 0.03 0.00	21.03 0.05 0.00	24.18 0.03 0.00	20.30 0.10 4.40	28.36 0.05 0.81	35.87 -0.03 0.30	31.95 0.02 0.26	35.70 -0.02 0.11	51.95 -0.20 0.00	45.34 -0.33 0.00	44.10 -0.30 0.00	38.71 -0.10 0.00	32.77 -0.03 0.00	25.68 -0.02 0.00	21.22 0.19 0.00
ENORWICH_115KV_TB1 80156	40.06 1.32 0.00	32.29 1.19 0.00	30.65 0.89 0.00	26.65 0.83 0.00	31.59 1.25 0.00	28.59 1.19 0.00	32.75 1.41 0.00	33.94 1.42 -0.25	39.60 1.27 0.00	33.40 0.70 0.00	21.26 0.28 0.00	24.41 0.27 0.00	24.82 0.22 0.00	29.43 0.31 0.00	36.62 0.40 -0.03	32.64 0.45 0.00	36.68 0.86 0.00	54.33 2.18 0.00	48.08 2.41 0.00	46.82 2.42 0.00	40.72 1.92 0.00	34.36 1.56 0.00	26.79 1.09 0.00	21.53 0.50 0.00
ERIE_ST__34_KV_TB1-2 80199	38.29 -0.44 0.00	30.53 -0.57 0.00	29.18 -0.58 0.00	25.22 -0.60 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.16 -1.18 0.00	30.86 -1.62 -0.21	36.67 -1.66 0.00	31.92 -0.78 0.00	20.51 -0.47 0.00	23.65 -0.49 0.00	24.03 -0.57 0.00	28.49 -0.63 0.00	35.31 -0.90 -0.02	30.83 -1.36 0.00	33.94 -1.87 0.00	48.82 -3.33 0.00	42.91 -2.77 0.00	41.51 -2.89 0.00	36.24 -2.56 0.00	30.82 -1.98 0.00	24.26 -1.44 0.00	19.54 -1.49 0.00
ERIE_WT_PWR 323693	38.27 -0.46 0.00	30.52 -0.58 0.00	29.18 -0.58 0.00	25.20 -0.63 0.00	29.66 -0.69 0.00	26.88 -0.52 0.00	30.10 -1.24 0.00	30.74 -1.74 -0.21	36.54 -1.79 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.57 -0.57 0.00	23.93 -0.67 0.00	28.38 -0.74 0.00	35.19 -1.02 -0.02	30.72 -1.47 0.00	33.81 -2.01 0.00	48.62 -3.53 0.00	42.78 -2.89 0.00	41.32 -3.08 0.00	36.04 -2.76 0.00	30.66 -2.14 0.00	24.12 -1.58 0.00	19.45 -1.58 0.00
ESPRGFLD_115KV_TB1 80157	40.09 1.36 0.00	32.19 1.09 0.00	30.73 0.97 0.00	26.63 0.81 0.00	31.39 1.04 0.00	28.34 0.94 0.00	32.38 1.04 0.00	33.26 0.99 0.00	39.20 0.87 0.00	33.48 0.78 0.00	21.43 0.44 0.00	24.66 0.52 0.00	24.06 0.52 1.06	29.56 0.63 0.20	36.99 0.87 0.07	32.92 0.79 0.06	36.72 0.93 0.03	53.87 1.72 0.00	47.46 1.79 0.00	46.18 1.78 0.00	40.27 1.47 0.00	33.87 1.07 0.00	26.47 0.77 0.00	21.50 0.47 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.03 0.29 0.00	31.27 0.17 0.00	29.89 0.12 0.00	25.92 0.10 0.00	30.49 0.15 0.00	27.54 0.15 0.00	31.47 0.13 0.00	32.68 0.08 -0.33	38.26 -0.07 0.00	32.49 -0.21 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.80 -0.32 0.00	35.82 -0.41 -0.04	31.87 -0.33 0.00	35.55 -0.27 0.00	52.09 -0.06 0.00	45.94 0.27 0.00	44.71 0.31 0.00	38.97 0.17 0.00	32.97 0.17 0.00	25.83 0.14 0.00	21.00 -0.03 0.00
ETNA_____115KV_TB2 80207	39.03 0.29 0.00	31.27 0.17 0.00	29.89 0.12 0.00	25.92 0.10 0.00	30.49 0.15 0.00	27.54 0.15 0.00	31.47 0.13 0.00	32.68 0.08 -0.33	38.26 -0.07 0.00	32.49 -0.21 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.80 -0.32 0.00	35.82 -0.41 -0.04	31.87 -0.33 0.00	35.55 -0.27 0.00	52.09 -0.06 0.00	45.94 0.27 0.00	44.71 0.31 0.00	38.97 0.17 0.00	32.97 0.17 0.00	25.83 0.14 0.00	21.00 -0.03 0.00
EUCLID___115KV_TB2 356179	38.20 -0.54 0.00	30.63 -0.47 0.00	29.29 -0.47 0.00	25.41 -0.41 0.00	29.86 -0.48 0.00	26.96 -0.44 0.00	30.79 -0.54 0.00	31.95 -0.64 -0.32	37.53 -0.81 0.00	32.02 -0.68 0.00	20.52 -0.46 0.00	23.61 -0.53 0.00	24.06 -0.54 0.00	28.49 -0.63 0.00	35.42 -0.80 -0.03	31.48 -0.71 0.00	35.02 -0.80 0.00	51.02 -1.13 0.00	44.79 -0.88 0.00	43.53 -0.87 0.00	38.00 -0.80 0.00	32.16 -0.64 0.00	25.23 -0.47 0.00	20.59 -0.44 0.00
E_CANADA_CAP_HY 24051	40.35 1.61 0.00	32.40 1.30 0.00	30.96 1.20 0.00	26.82 1.00 0.00	31.57 1.22 0.00	28.52 1.12 0.00	32.60 1.26 0.00	33.40 1.13 0.00	39.08 0.75 0.00	33.23 0.52 0.00	21.24 0.26 0.00	24.44 0.30 0.00	23.27 0.31 1.65	29.18 0.36 0.31	36.60 0.52 0.11	32.59 0.49 0.10	36.37 0.59 0.04	53.57 1.42 0.00	47.55 1.88 0.00	46.46 2.06 0.00	40.57 1.77 0.00	34.07 1.27 0.00	26.61 0.92 0.00	21.67 0.64 0.00
E_CANADA_MHWK_HY 24050	38.87 0.13 0.00	31.28 0.18 0.00	30.00 0.24 0.00	26.04 0.22 0.00	30.54 0.20 0.00	27.60 0.20 0.00	31.67 0.33 0.00	32.65 0.38 0.00	38.19 -0.14 0.00	31.97 -0.74 0.00	20.49 -0.49 0.00	23.55 -0.59 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.27 -0.93 0.00	31.51 -0.68 0.00	35.38 -0.44 0.00	52.25 0.10 0.00	45.94 0.27 0.00	44.93 0.53 0.00	39.25 0.45 0.00	33.09 0.29 0.00	25.90 0.21 0.00	21.27 0.24 0.00
E_FISHKILL___LBMP 23776	39.88 1.14 0.00	32.04 0.94 0.00	30.66 0.90 0.00	26.62 0.80 0.00	31.15 0.81 0.00	28.06 0.66 0.00	32.16 0.83 0.00	33.31 1.04 0.00	39.64 1.32 0.00	33.90 1.20 0.00	21.83 0.84 0.00	25.10 0.96 0.00	35.88 1.03 -10.25	32.26 1.25 -1.90	38.51 1.63 -0.69	34.29 1.50 -0.60	37.68 1.61 -0.25	54.35 2.20 0.00	47.20 1.53 0.00	45.69 1.28 0.00	39.79 0.99 0.00	33.63 0.83 0.00	26.38 0.69 0.00	21.70 0.66 0.00
FALCON___SEABRD_CC1 323796	40.94 2.21 0.00	32.77 1.67 0.00	31.02 1.26 0.00	26.65 0.83 0.00	31.58 1.24 0.00	28.88 1.48 0.00	33.20 1.86 0.00	34.20 1.93 0.00	40.35 2.02 0.00	34.50 1.79 0.00	22.02 1.03 0.00	25.33 1.19 0.00	25.98 1.38 0.00	30.79 1.67 0.00	38.35 2.16 0.00	34.03 1.84 0.00	37.89 2.07 0.00	55.35 3.20 0.00	48.48 2.81 0.00	47.36 2.96 0.00	41.44 2.64 0.00	34.84 2.04 0.00	26.98 1.29 0.00	21.98 0.95 0.00
FALCON___SEABRD_CC2 323797	40.94 2.21 0.00	32.77 1.67 0.00	31.02 1.26 0.00	26.65 0.83 0.00	31.58 1.24 0.00	28.88 1.48 0.00	33.20 1.86 0.00	34.20 1.93 0.00	40.35 2.02 0.00	34.50 1.79 0.00	22.02 1.03 0.00	25.33 1.19 0.00	25.98 1.38 0.00	30.79 1.67 0.00	38.35 2.16 0.00	34.03 1.84 0.00	37.89 2.07 0.00	55.35 3.20 0.00	48.48 2.81 0.00	47.36 2.96 0.00	41.44 2.64 0.00	34.84 2.04 0.00	26.98 1.29 0.00	21.98 0.95 0.00

FAR ROCKAWAY___4 23548	40.97 2.23 0.00	32.86 1.75 0.00	31.33 1.57 0.00	27.14 1.32 0.00	31.69 1.34 0.00	28.52 1.13 0.00	34.70 1.50 -1.87	36.71 2.01 -2.44	40.77 2.44 0.00	34.95 2.24 0.00	22.61 1.63 -0.01	25.98 1.84 0.00	33.36 1.94 -6.83	41.61 2.34 -10.15	41.08 2.96 -1.92	36.67 2.71 -1.77	38.86 2.89 -0.15	56.02 3.87 0.00	48.45 2.78 0.00	46.93 2.53 0.00	37.80 1.77 2.78	34.19 1.39 0.00	26.82 1.12 0.00	22.12 1.09 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.34 1.60 0.00	32.40 1.30 0.00	30.99 1.23 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.31 0.91 0.00	32.44 1.10 0.00	33.64 1.37 0.00	40.05 1.72 0.00	34.38 1.68 0.00	22.19 1.21 0.00	25.53 1.38 0.00	32.28 1.48 -6.20	32.05 1.79 -1.15	38.92 2.31 -0.42	34.67 2.11 -0.36	38.22 2.26 -0.15	55.19 3.04 0.00	47.81 2.14 0.00	46.28 1.88 0.00	40.27 1.47 0.00	34.07 1.27 0.00	26.74 1.05 0.00	21.98 0.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.36 1.62 0.00	32.41 1.30 0.00	31.00 1.25 0.00	26.93 1.11 0.00	31.46 1.12 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.01 1.68 0.00	34.33 1.63 0.00	22.16 1.18 0.00	25.48 1.34 0.00	32.23 1.43 -6.20	32.00 1.74 -1.15	38.85 2.24 -0.42	34.60 2.05 -0.36	38.16 2.19 -0.15	55.13 2.98 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.27 1.46 0.00	34.06 1.25 0.00	26.74 1.04 0.00	21.98 0.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.31 1.57 0.00	32.37 1.27 0.00	30.97 1.20 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.43 1.09 0.00	33.62 1.35 0.00	40.04 1.71 0.00	34.36 1.66 0.00	22.18 1.20 0.00	25.50 1.36 0.00	32.26 1.45 -6.20	32.03 1.76 -1.15	38.88 2.27 -0.42	34.64 2.08 -0.36	38.19 2.22 -0.15	55.16 3.01 0.00	47.78 2.11 0.00	46.25 1.85 0.00	40.24 1.44 0.00	34.06 1.25 0.00	26.73 1.03 0.00	21.97 0.94 0.00
FARRAGUT___LBMP 323566	40.28 1.54 0.00	32.35 1.25 0.00	30.95 1.19 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.01 1.68 0.00	34.33 1.63 0.00	22.16 1.18 0.00	25.48 1.34 0.00	32.23 1.43 -6.20	32.00 1.74 -1.15	38.85 2.24 -0.42	34.60 2.05 -0.36	38.16 2.19 -0.15	55.13 2.98 0.00	47.76 2.09 0.00	46.21 1.81 0.00	40.23 1.42 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.96 0.92 0.00
FENNER___WINDPWR 24204	39.20 0.46 0.00	31.45 0.35 0.00	30.09 0.33 0.00	26.10 0.28 0.00	30.69 0.34 0.00	27.72 0.32 0.00	31.73 0.39 0.00	32.90 0.38 -0.26	38.57 0.25 0.00	32.76 0.06 0.00	20.97 -0.01 0.00	24.10 -0.04 0.00	24.54 -0.06 0.00	29.08 -0.04 0.00	36.16 -0.06 -0.03	32.18 -0.02 0.00	35.90 0.08 0.00	52.54 0.39 0.00	46.30 0.63 0.00	45.08 0.68 0.00	39.31 0.51 0.00	33.25 0.44 0.00	26.02 0.33 0.00	21.20 0.17 0.00
FIBERTEK___ENERGY 23856	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
FITZPATRICK___ 23598	37.59 -1.14 0.00	30.17 -0.93 0.00	28.86 -0.90 0.00	25.03 -0.79 0.00	29.43 -0.91 0.00	26.57 -0.83 0.00	30.34 -1.00 0.00	28.47 -1.10 2.70	36.98 -1.35 0.00	31.57 -1.13 0.00	20.24 -0.74 0.00	23.30 -0.85 0.00	23.73 -0.87 0.00	28.09 -1.03 0.00	34.60 -1.31 0.29	31.06 -1.13 0.00	34.56 -1.25 0.00	50.35 -1.80 0.00	44.17 -1.50 0.00	42.94 -1.47 0.00	37.50 -1.31 0.00	31.72 -1.09 0.00	24.86 -0.84 0.00	20.31 -0.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.17 1.44 0.00	32.33 1.23 0.00	30.94 1.18 0.00	26.87 1.04 0.00	31.45 1.11 0.00	28.34 0.94 0.00	32.47 1.14 0.00	33.61 1.34 0.00	39.97 1.65 0.00	34.16 1.46 0.00	21.97 0.99 0.00	25.26 1.12 0.00	32.38 1.19 -6.59	31.80 1.46 -1.22	38.54 1.90 -0.45	34.36 1.78 -0.39	37.97 1.99 -0.16	54.99 2.84 0.00	47.79 2.12 0.00	46.33 1.93 0.00	40.32 1.52 0.00	34.05 1.25 0.00	26.70 1.00 0.00	21.93 0.90 0.00
FORT ORANGE___ 23900	38.72 -0.02 0.00	31.15 0.05 0.00	29.86 0.10 0.00	25.94 0.12 0.00	30.42 0.07 0.00	27.48 0.08 0.00	31.49 0.15 0.00	32.50 0.23 0.00	38.52 0.19 0.00	32.70 0.00 0.00	21.01 0.03 0.00	24.15 0.00 0.00	22.39 0.05 2.26	28.72 0.02 0.42	35.99 -0.05 0.15	32.10 0.04 0.13	35.84 0.07 0.05	52.19 0.04 0.00	45.66 -0.01 0.00	44.44 0.04 0.00	38.90 0.10 0.00	32.94 0.14 0.00	25.82 0.12 0.00	21.26 0.22 0.00
FORT_DRUM_COGEN 23780	40.38 1.64 0.00	32.45 1.35 0.00	31.03 1.27 0.00	26.82 1.00 0.00	31.60 1.26 0.00	28.50 1.10 0.00	32.69 1.35 0.00	34.03 1.41 -0.35	39.33 1.00 0.00	32.99 0.29 0.00	20.94 -0.04 0.00	23.90 -0.24 0.00	24.31 -0.29 0.00	28.77 -0.35 0.00	35.80 -0.42 -0.04	31.81 -0.39 0.00	35.42 -0.40 0.00	52.13 -0.02 0.00	47.25 1.58 0.00	46.71 2.30 0.00	40.84 2.03 0.00	34.52 1.72 0.00	26.97 1.28 0.00	21.92 0.89 0.00
FOX_HILLS___ESR 323835	40.21 1.50 0.03	32.57 1.47 0.00	-302.14 1.43 333.33	23.42 1.25 3.65	-88.98 1.31 120.63	-572.78 1.07 601.25	-74.46 1.33 107.12	-641.08 1.57 674.92	23.53 1.86 16.65	23.40 1.89 11.19	-587.77 1.36 610.11	6.04 1.55 19.65	21.52 1.64 4.72	23.02 2.01 8.11	29.19 2.57 9.56	27.07 2.32 7.45	30.11 2.44 8.15	38.16 3.20 17.19	42.09 2.22 5.80	39.60 2.01 6.81	33.35 1.65 7.10	32.57 1.43 1.66	26.84 1.15 0.00	22.06 1.03 0.00
FPL_FAR_ROCK_GT1 24212	40.97 2.23 0.00	32.86 1.75 0.00	31.34 1.57 0.00	27.14 1.32 0.00	31.69 1.34 0.00	28.52 1.13 0.00	34.71 1.50 -1.87	36.71 2.01 -2.44	40.77 2.44 0.00	34.95 2.24 0.00	22.62 1.63 -0.01	25.98 1.84 0.00	33.38 1.95 -6.83	41.61 2.34 -10.15	41.08 2.96 -1.92	36.67 2.72 -1.77	38.86 2.89 -0.15	56.02 3.87 0.00	48.45 2.78 0.00	46.93 2.53 0.00	37.80 1.78 2.78	34.19 1.39 0.00	26.82 1.12 0.00	22.12 1.09 0.00
FPL_FAR_ROCK_GT2 23815	40.97 2.23 0.00	32.86 1.75 0.00	31.34 1.57 0.00	27.14 1.32 0.00	31.69 1.34 0.00	28.52 1.13 0.00	34.71 1.50 -1.87	36.71 2.01 -2.44	40.77 2.44 0.00	34.95 2.24 0.00	22.62 1.63 -0.01	25.98 1.84 0.00	33.38 1.95 -6.83	41.61 2.34 -10.15	41.08 2.96 -1.92	36.67 2.72 -1.77	38.86 2.89 -0.15	56.02 3.87 0.00	48.45 2.78 0.00	46.93 2.53 0.00	37.80 1.78 2.78	34.19 1.39 0.00	26.82 1.12 0.00	22.12 1.09 0.00
FRANKLIN_FALL_HYD 24054	40.39 1.65 0.00	32.38 1.27 0.00	30.77 1.01 0.00	26.54 0.72 0.00	31.37 1.03 0.00	28.58 1.18 0.00	32.80 1.46 0.00	33.80 1.53 0.00	39.99 1.65 0.00	34.10 1.40 0.00	21.79 0.80 0.00	25.05 0.91 0.00	25.55 0.95 0.00	30.23 1.11 0.00	37.61 1.42 1.02	33.35 1.15 0.00	37.13 1.31 0.00	54.31 2.16 0.00	47.92 2.25 0.00	46.88 2.48 0.00	41.05 2.25 0.00	34.51 1.71 0.00	26.78 1.08 0.00	21.80 0.76 0.00

FREEPORT_EQUS_GT1 23764	40.62 1.89 0.00	32.58 1.47 0.00	31.06 1.30 0.00	26.90 1.08 0.00	31.42 1.08 0.00	28.28 0.88 0.00	34.44 1.23 -1.87	36.48 1.77 -2.44	40.47 2.14 0.00	34.68 1.98 0.00	22.46 1.47 -0.01	25.79 1.65 0.00	33.18 1.75 -6.83	41.39 2.12 -10.15	40.79 2.68 -1.92	36.38 2.42 -1.77	38.54 2.57 -0.15	55.56 3.41 0.00	47.91 2.25 0.00	46.35 1.95 0.00	37.55 1.42 2.67	33.87 1.07 0.00	26.58 0.88 0.00	21.97 0.94 0.00
FREEPORT___CT2 23818	40.62 1.89 0.00	32.58 1.47 0.00	31.06 1.30 0.00	26.90 1.08 0.00	31.42 1.08 0.00	28.28 0.88 0.00	34.44 1.23 -1.87	36.48 1.77 -2.44	40.47 2.14 0.00	34.68 1.98 0.00	22.46 1.47 -0.01	25.79 1.65 0.00	33.18 1.75 -6.83	41.39 2.12 -10.15	40.79 2.68 -1.92	36.38 2.42 -1.77	38.54 2.57 -0.15	55.56 3.41 0.00	47.91 2.25 0.00	46.35 1.95 0.00	37.55 1.42 2.67	33.87 1.07 0.00	26.58 0.88 0.00	21.97 0.94 0.00
FRESHKLS_33_KV_LOAD 356253	40.22 1.51 0.03	32.68 1.58 0.00	-302.03 1.54 333.33	23.51 1.34 3.65	-88.86 1.43 120.63	-572.68 1.17 601.25	-74.40 1.39 107.12	-641.03 1.63 674.92	23.60 1.93 16.65	23.45 1.94 11.19	-587.75 1.39 610.11	6.07 1.58 19.65	21.55 1.67 4.72	23.05 2.04 8.11	29.24 2.61 9.56	27.12 2.38 7.45	30.17 2.50 8.15	38.22 3.26 17.19	42.14 2.26 5.80	39.67 2.08 6.81	33.43 1.73 7.10	32.64 1.49 1.66	26.89 1.20 0.00	22.10 1.07 0.00
FULTON COGEN____ 23766	38.51 -0.23 0.00	30.86 -0.24 0.00	29.52 -0.24 0.00	25.60 -0.22 0.00	30.08 -0.26 0.00	27.16 -0.23 0.00	31.02 -0.32 0.00	32.17 -0.40 -0.30	37.81 -0.52 0.00	32.17 -0.53 0.00	20.59 -0.39 0.00	23.66 -0.48 0.00	24.12 -0.48 0.00	28.54 -0.58 0.00	35.46 -0.77 -0.03	31.54 -0.65 0.00	35.11 -0.71 0.00	51.31 -0.84 0.00	45.21 -0.46 0.00	43.98 -0.42 0.00	38.39 -0.42 0.00	32.47 -0.33 0.00	25.45 -0.24 0.00	20.75 -0.28 0.00
FULTON___LFGE 323630	40.37 1.63 0.00	32.40 1.29 0.00	30.97 1.21 0.00	26.83 1.01 0.00	31.55 1.21 0.00	28.49 1.09 0.00	32.63 1.29 0.00	33.47 1.20 0.00	38.84 0.51 0.00	32.64 -0.06 0.00	20.82 -0.16 0.00	23.95 -0.19 0.00	22.55 -0.16 1.89	28.55 -0.22 0.35	35.80 -0.26 0.13	31.93 -0.15 0.11	35.72 -0.05 0.05	53.11 0.96 0.00	47.43 1.76 0.00	46.47 2.07 0.00	40.60 1.80 0.00	34.16 1.36 0.00	26.70 1.01 0.00	21.80 0.77 0.00
G.F.CEMENT___DRP 24184	39.97 1.23 0.00	32.12 1.02 0.00	30.84 1.08 0.00	26.69 0.87 0.00	31.31 0.96 0.00	28.29 0.89 0.00	32.56 1.22 0.00	33.61 1.34 0.00	40.07 1.74 0.00	33.93 1.23 0.00	21.55 0.57 0.00	24.79 0.65 0.00	22.41 0.70 2.90	29.40 0.82 0.54	36.83 0.83 0.20	32.56 0.54 0.17	36.55 0.80 0.07	53.80 1.65 0.00	47.13 1.45 0.00	46.07 1.67 0.00	40.38 1.57 0.00	34.10 1.30 0.00	26.67 0.98 0.00	21.98 0.95 0.00
GARDENVILLE___LBMP 24039	38.17 -0.57 0.00	30.45 -0.66 0.00	29.10 -0.66 0.00	25.14 -0.68 0.00	29.59 -0.76 0.00	26.81 -0.59 0.00	30.06 -1.28 0.00	30.67 -1.81 -0.21	36.45 -1.88 0.00	31.75 -0.95 0.00	20.40 -0.58 0.00	23.54 -0.60 0.00	23.90 -0.70 0.00	28.34 -0.78 0.00	35.14 -1.08 -0.02	30.67 -1.52 0.00	33.77 -2.06 0.00	48.54 -3.60 0.00	42.71 -2.96 0.00	41.25 -3.15 0.00	35.99 -2.82 0.00	30.61 -2.19 0.00	24.08 -1.61 0.00	19.41 -1.62 0.00
GARDNVLA_35_KV_LD 355827	38.33 -0.41 0.00	30.56 -0.55 0.00	29.20 -0.56 0.00	25.22 -0.60 0.00	29.69 -0.65 0.00	26.90 -0.49 0.00	30.16 -1.18 0.00	30.79 -1.69 -0.21	36.59 -1.74 0.00	31.86 -0.84 0.00	20.47 -0.51 0.00	23.62 -0.52 0.00	23.98 -0.62 0.00	28.43 -0.69 0.00	35.26 -0.95 -0.02	30.78 -1.42 0.00	33.88 -1.94 0.00	48.71 -3.44 0.00	42.86 -2.81 0.00	41.40 -3.00 0.00	36.13 -2.67 0.00	30.74 -2.07 0.00	24.17 -1.52 0.00	19.48 -1.55 0.00
GELCKHM___115KV_LOAD 80723	38.31 -0.42 0.00	30.71 -0.39 0.00	29.38 -0.38 0.00	25.48 -0.34 0.00	29.95 -0.39 0.00	27.04 -0.36 0.00	30.88 -0.45 0.00	32.11 -0.55 -0.38	37.62 -0.71 0.00	32.09 -0.61 0.00	20.57 -0.42 0.00	23.66 -0.48 0.00	24.12 -0.49 0.00	28.55 -0.56 0.00	35.50 -0.73 -0.04	31.55 -0.64 0.00	35.11 -0.71 0.00	51.21 -0.94 0.00	44.97 -0.70 0.00	43.69 -0.71 0.00	38.14 -0.67 0.00	32.27 -0.53 0.00	25.31 -0.38 0.00	20.65 -0.38 0.00
GENERAL___MILLS 23808	38.26 -0.48 0.00	30.51 -0.59 0.00	29.16 -0.60 0.00	25.19 -0.63 0.00	29.65 -0.69 0.00	26.87 -0.53 0.00	30.11 -1.23 0.00	30.74 -1.74 -0.21	36.53 -1.80 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.58 -0.56 0.00	23.94 -0.66 0.00	28.38 -0.74 0.00	35.20 -1.01 -0.02	30.72 -1.47 0.00	33.82 -2.00 0.00	48.63 -3.52 0.00	42.77 -2.91 0.00	41.33 -3.07 0.00	36.06 -2.74 0.00	30.68 -2.12 0.00	24.13 -1.56 0.00	19.45 -1.58 0.00
GE_PLASTICS___DRP 24183	38.69 -0.04 0.00	31.18 0.07 0.00	29.90 0.13 0.00	25.97 0.15 0.00	30.47 0.13 0.00	27.50 0.10 0.00	31.50 0.17 0.00	32.51 0.24 0.00	38.57 0.24 0.00	32.83 0.13 0.00	21.09 0.12 0.00	24.25 0.11 0.00	22.92 0.15 1.83	28.94 0.16 0.34	36.21 0.15 0.12	32.28 0.19 0.11	35.98 0.21 0.04	52.35 0.20 0.00	45.71 0.04 0.00	44.42 0.02 0.00	38.87 0.07 0.00	32.90 0.10 0.00	25.80 0.10 0.00	21.23 0.20 0.00
GILBOA___1 23756	39.16 0.43 0.00	31.46 0.36 0.00	30.12 0.36 0.00	26.16 0.34 0.00	30.78 0.43 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.69 0.42 0.00	38.84 0.51 0.00	33.13 0.43 0.00	21.28 0.30 0.00	24.48 0.33 0.00	24.97 0.37 0.00	29.57 0.45 0.00	36.77 0.57 0.00	32.72 0.53 0.00	36.38 0.56 0.00	52.81 0.66 0.00	45.89 0.22 0.00	44.55 0.15 0.00	39.07 0.27 0.00	33.05 0.25 0.00	25.93 0.24 0.00	21.29 0.25 0.00
GILBOA___2 23757	39.16 0.43 0.00	31.46 0.36 0.00	30.12 0.36 0.00	26.16 0.34 0.00	30.78 0.43 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.69 0.42 0.00	38.84 0.51 0.00	33.13 0.43 0.00	21.28 0.30 0.00	24.48 0.33 0.00	24.97 0.37 0.00	29.57 0.45 0.00	36.77 0.57 0.00	32.72 0.53 0.00	36.38 0.56 0.00	52.81 0.66 0.00	45.89 0.22 0.00	44.55 0.15 0.00	39.07 0.27 0.00	33.05 0.25 0.00	25.93 0.24 0.00	21.29 0.25 0.00
GILBOA___3 23758	39.16 0.43 0.00	31.46 0.36 0.00	30.12 0.36 0.00	26.16 0.34 0.00	30.78 0.43 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.69 0.42 0.00	38.84 0.51 0.00	33.13 0.43 0.00	21.28 0.30 0.00	24.48 0.33 0.00	24.97 0.37 0.00	29.57 0.45 0.00	36.77 0.57 0.00	32.72 0.53 0.00	36.38 0.56 0.00	52.81 0.66 0.00	45.89 0.22 0.00	44.55 0.15 0.00	39.07 0.27 0.00	33.05 0.25 0.00	25.93 0.24 0.00	21.29 0.25 0.00
GILBOA___4 23759	39.16 0.43 0.00	31.46 0.36 0.00	30.12 0.36 0.00	26.16 0.34 0.00	30.78 0.43 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.69 0.42 0.00	38.84 0.51 0.00	33.13 0.43 0.00	21.28 0.30 0.00	24.48 0.33 0.00	24.97 0.37 0.00	29.57 0.45 0.00	36.77 0.57 0.00	32.72 0.53 0.00	36.38 0.56 0.00	52.81 0.66 0.00	45.89 0.22 0.00	44.55 0.15 0.00	39.07 0.27 0.00	33.05 0.25 0.00	25.93 0.24 0.00	21.29 0.25 0.00

GILBOA____ 23599	39.16 0.42 0.00	31.46 0.36 0.00	30.12 0.36 0.00	26.16 0.34 0.00	30.78 0.43 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.69 0.42 0.00	38.84 0.51 0.00	33.13 0.43 0.00	21.28 0.30 0.00	24.48 0.33 0.00	24.97 0.37 0.00	29.57 0.45 0.00	36.77 0.58 0.00	32.72 0.53 0.00	36.38 0.56 0.00	52.81 0.66 0.00	45.89 0.22 0.00	44.55 0.15 0.00	39.07 0.27 0.00	33.06 0.25 0.00	25.94 0.24 0.00	21.29 0.25 0.00
GINNA____ 23603	36.82 -1.92 0.00	29.46 -1.64 0.00	28.16 -1.61 0.00	24.40 -1.42 0.00	28.69 -1.65 0.00	25.95 -1.45 0.00	29.49 -1.85 0.00	30.38 -2.09 -0.19	35.85 -2.48 0.00	30.71 -1.99 0.00	19.68 -1.30 0.00	22.65 -1.49 0.00	23.06 -1.54 0.00	27.29 -1.83 0.00	33.88 -2.33 -0.02	29.97 -2.23 0.00	33.31 -2.51 0.00	48.57 -3.58 0.00	42.85 -2.82 0.00	41.58 -2.82 0.00	36.28 -2.52 0.00	30.69 -2.12 0.00	24.04 -1.66 0.00	19.54 -1.50 0.00
GLEN PARK____ 23778	40.53 1.80 0.00	32.58 1.47 0.00	31.14 1.38 0.00	26.92 1.10 0.00	31.72 1.37 0.00	28.60 1.20 0.00	32.82 1.48 0.00	34.18 1.54 -0.37	39.41 1.08 0.00	32.98 0.28 0.00	20.90 -0.07 0.00	23.86 -0.28 0.00	24.28 -0.33 0.00	28.73 -0.39 0.00	35.76 -0.47 -0.04	31.77 -0.43 0.00	35.37 -0.45 0.00	52.07 -0.08 0.00	47.38 1.71 0.00	46.95 2.55 0.00	41.04 2.23 0.00	34.69 1.88 0.00	27.09 1.39 0.00	22.01 0.98 0.00
GLENDALE_27_KV_LOAD 356172	40.49 1.76 0.00	32.54 1.44 0.00	31.12 1.36 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.42 1.02 0.00	32.60 1.26 0.00	33.79 1.52 0.00	40.22 1.89 0.00	34.54 1.83 0.00	22.30 1.33 0.00	25.65 1.51 0.00	32.41 1.60 -6.21	32.23 1.96 -1.15	39.12 2.51 -0.42	34.84 2.28 -0.36	38.40 2.44 -0.15	55.42 3.27 0.00	48.00 2.33 0.00	46.46 2.07 0.00	40.45 1.65 0.00	34.22 1.42 0.00	26.84 1.15 0.00	22.06 1.03 0.00
GLENWOOD_IC_1_G5 23712	40.50 1.77 0.00	32.50 1.40 0.00	31.04 1.28 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.32 0.92 0.00	34.44 1.23 -1.87	36.34 1.64 -2.44	40.34 2.01 0.00	34.57 1.87 0.00	22.35 1.37 -0.01	25.69 1.54 0.00	33.07 1.63 -6.83	41.27 2.00 -10.15	40.66 2.54 -1.92	36.27 2.31 -1.77	38.44 2.48 -0.15	55.44 3.29 0.00	47.70 2.03 0.00	46.19 1.80 0.00	38.67 1.49 1.62	33.98 1.18 0.00	26.63 0.94 0.00	21.95 0.92 0.00
GLENWOOD_IC_2_G1 23688	40.34 1.60 0.00	32.40 1.29 0.00	30.95 1.19 0.00	26.85 1.02 0.00	31.39 1.05 0.00	28.26 0.86 0.00	34.32 1.12 -1.87	36.19 1.48 -2.44	40.15 1.82 0.00	34.40 1.69 0.00	22.22 1.23 -0.01	25.54 1.40 0.00	32.91 1.48 -6.83	41.07 1.80 -10.15	40.42 2.31 -1.92	36.06 2.11 -1.77	38.23 2.26 -0.15	55.18 3.03 0.00	47.76 2.09 0.00	46.25 1.85 0.00	40.10 1.38 0.08	33.91 1.10 0.00	26.58 0.89 0.00	21.90 0.86 0.00
GLENWOOD_IC_3_G1 23689	40.34 1.60 0.00	32.40 1.29 0.00	30.95 1.19 0.00	26.85 1.02 0.00	31.39 1.05 0.00	28.26 0.86 0.00	34.32 1.12 -1.87	36.19 1.48 -2.44	40.15 1.82 0.00	34.40 1.69 0.00	22.22 1.23 -0.01	25.54 1.40 0.00	32.91 1.48 -6.83	41.07 1.80 -10.15	40.42 2.31 -1.92	36.06 2.11 -1.77	38.23 2.26 -0.15	55.18 3.03 0.00	47.76 2.09 0.00	46.25 1.85 0.00	40.10 1.38 0.08	33.91 1.10 0.00	26.58 0.89 0.00	21.90 0.86 0.00
GLENWOOD____4 23550	40.50 1.77 0.00	32.50 1.40 0.00	31.04 1.28 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.32 0.92 0.00	34.44 1.23 -1.87	36.34 1.64 -2.44	40.34 2.01 0.00	34.57 1.87 0.00	22.35 1.37 -0.01	25.69 1.54 0.00	33.07 1.63 -6.83	41.27 2.00 -10.15	40.66 2.54 -1.92	36.27 2.31 -1.77	38.44 2.48 -0.15	55.45 3.30 0.00	47.81 2.13 0.00	46.31 1.91 0.00	38.67 1.49 1.62	33.98 1.18 0.00	26.63 0.94 0.00	21.95 0.92 0.00
GLENWOOD____5 23614	40.50 1.77 0.00	32.50 1.40 0.00	31.04 1.28 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.32 0.92 0.00	34.44 1.23 -1.87	36.34 1.64 -2.44	40.34 2.01 0.00	34.57 1.87 0.00	22.35 1.37 -0.01	25.69 1.54 0.00	33.07 1.63 -6.83	41.27 2.00 -10.15	40.66 2.54 -1.92	36.27 2.31 -1.77	38.44 2.48 -0.15	55.45 3.30 0.00	47.81 2.13 0.00	46.31 1.91 0.00	38.67 1.49 1.62	33.98 1.18 0.00	26.63 0.94 0.00	21.95 0.92 0.00
GLOBAL GREEN_PORT_GT1 23814	39.90 1.16 0.00	31.75 0.64 0.00	30.24 0.48 0.00	26.18 0.36 0.00	30.57 0.22 0.00	27.59 0.19 0.00	33.84 0.64 -1.87	36.04 1.34 -2.44	39.77 1.44 0.00	34.32 1.63 0.00	22.39 1.40 -0.01	25.71 1.57 0.00	33.22 1.79 -6.83	41.63 2.36 -10.15	41.26 3.14 -1.92	37.00 3.04 -1.77	39.41 3.44 -0.15	56.86 4.72 0.00	49.09 3.42 0.00	47.18 2.79 0.00	37.27 1.68 3.22	33.99 1.19 0.00	26.71 1.01 0.00	22.13 1.10 0.00
GLOBE____DSASP 323697	37.52 -1.22 0.00	29.97 -1.13 0.00	28.62 -1.14 0.00	24.76 -1.06 0.00	29.16 -1.18 0.00	26.41 -0.99 0.00	29.50 -1.84 0.00	30.04 -2.43 -0.20	35.74 -2.59 0.00	31.18 -1.52 0.00	20.01 -0.97 0.00	23.09 -1.06 0.00	23.43 -1.17 0.00	27.70 -1.42 0.00	34.32 -1.89 -0.02	29.85 -2.34 0.00	32.83 -2.99 0.00	47.01 -5.14 0.00	41.42 -4.25 0.00	40.10 -4.30 0.00	35.11 -3.69 0.00	29.89 -2.91 0.00	23.52 -2.18 0.00	19.00 -2.04 0.00
GOETHSLN____LBMP 323567	40.02 1.31 0.03	32.19 1.09 0.00	-302.52 1.05 333.33	23.11 0.94 3.65	-89.35 0.94 120.63	-573.12 0.73 601.25	-74.90 0.88 107.12	-641.51 1.13 674.91	23.13 1.45 16.65	22.95 1.43 11.18	-588.07 1.05 610.11	5.69 1.19 19.65	21.16 1.28 4.72	23.20 1.56 7.48	28.66 2.03 9.56	26.60 1.85 7.45	29.66 1.98 8.14	45.59 2.67 9.24	43.15 1.84 4.36	39.34 1.56 6.62	32.88 1.18 7.10	32.19 1.04 1.65	26.60 0.91 0.00	21.87 0.84 0.00
GOLAH____69_KV_TB 1_2 80279	38.97 0.24 0.00	31.15 0.04 0.00	29.83 0.07 0.00	25.84 0.02 0.00	30.39 0.05 0.00	27.50 0.10 0.00	31.14 -0.20 0.00	31.87 -0.60 -0.20	37.57 -0.76 0.00	32.24 -0.46 0.00	20.64 -0.35 0.00	23.75 -0.39 0.00	24.17 -0.43 0.00	28.61 -0.51 0.00	35.51 -0.70 -0.02	31.28 -0.92 0.00	34.70 -1.12 0.00	50.51 -1.64 0.00	44.65 -1.02 0.00	43.41 -0.99 0.00	37.89 -0.91 0.00	32.09 -0.71 0.00	25.16 -0.53 0.00	20.40 -0.64 0.00
GOODYEAR_LAKE_HYD 323669	39.67 0.93 0.00	31.86 0.76 0.00	30.43 0.67 0.00	26.40 0.58 0.00	31.10 0.76 0.00	28.05 0.65 0.00	32.08 0.74 0.00	33.14 0.77 -0.10	39.12 0.79 0.00	33.40 0.70 0.00	21.41 0.43 0.00	24.62 0.48 0.00	25.10 0.49 0.00	29.73 0.61 0.00	37.01 0.81 -0.01	32.94 0.74 0.00	36.71 0.89 0.00	53.67 1.52 0.00	46.98 1.32 0.00	45.62 1.22 0.00	39.79 0.99 0.00	33.57 0.77 0.00	26.28 0.59 0.00	21.40 0.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.66 -0.07 0.00	30.93 -0.17 0.00	29.59 -0.17 0.00	25.65 -0.17 0.00	30.17 -0.18 0.00	27.24 -0.16 0.00	31.08 -0.26 0.00	32.19 -0.33 -0.25	37.95 -0.38 0.00	32.43 -0.27 0.00	20.82 -0.16 0.00	23.98 -0.16 0.00	24.42 -0.18 0.00	28.98 -0.14 0.00	36.03 -0.19 -0.03	32.02 -0.17 0.00	35.60 -0.22 0.00	51.84 -0.31 0.00	45.33 -0.34 0.00	43.95 -0.45 0.00	38.28 -0.52 0.00	32.44 -0.36 0.00	25.50 -0.20 0.00	20.71 -0.32 0.00

GOUDEY___7 23579	38.66 -0.07 0.00	30.93 -0.17 0.00	29.59 -0.17 0.00	25.65 -0.17 0.00	30.17 -0.18 0.00	27.24 -0.16 0.00	31.08 -0.26 0.00	32.19 -0.33 -0.25	37.95 -0.38 0.00	32.43 -0.27 0.00	20.82 -0.16 0.00	23.98 -0.16 0.00	24.42 -0.18 0.00	28.98 -0.14 0.00	36.03 -0.19 -0.03	32.02 -0.17 0.00	35.60 -0.22 0.00	51.84 -0.31 0.00	45.33 -0.34 0.00	43.95 -0.45 0.00	38.28 -0.52 0.00	32.44 -0.36 0.00	25.50 -0.20 0.00	20.71 -0.32 0.00
GOUDEY___8 23580	38.66 -0.07 0.00	30.93 -0.17 0.00	29.59 -0.17 0.00	25.65 -0.17 0.00	30.17 -0.18 0.00	27.24 -0.16 0.00	31.08 -0.26 0.00	32.19 -0.33 -0.25	37.95 -0.38 0.00	32.43 -0.27 0.00	20.82 -0.16 0.00	23.98 -0.16 0.00	24.42 -0.18 0.00	28.98 -0.14 0.00	36.03 -0.19 -0.03	32.02 -0.17 0.00	35.60 -0.22 0.00	51.84 -0.31 0.00	45.33 -0.34 0.00	43.95 -0.45 0.00	38.28 -0.52 0.00	32.44 -0.36 0.00	25.50 -0.20 0.00	20.71 -0.32 0.00
GOWANUS_GT1_1 24077	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_2 24078	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_3 24079	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_4 24080	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_5 24084	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_6 24111	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_7 24112	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT1_8 24113	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_1 24114	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_2 24115	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_3 24116	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_4 24117	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_5 24118	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00

GOWANUS_GT2_6 24119	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_7 24120	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT2_8 24121	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_1 24122	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_2 24123	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_3 24124	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_4 24125	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_5 24126	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_6 24127	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_7 24128	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT3_8 24129	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_1 24130	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_2 24131	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_3 24132	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_4 24133	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00

GOWANUS_GT4_5 24134	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_6 24135	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_7 24136	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GOWANUS_GT4_8 24137	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GREATVR_69_KV_BK1 356245	40.94 2.20 0.00	32.72 1.62 0.00	31.15 1.39 0.00	26.95 1.13 0.00	31.44 1.10 0.00	28.30 0.90 0.00	34.51 1.31 -1.87	36.66 1.96 -2.44	40.62 2.29 0.00	34.78 2.08 0.00	22.56 1.58 -0.01	25.86 1.73 0.00	33.27 1.85 -6.83	41.57 2.30 -10.15	41.08 2.97 -1.92	36.67 2.71 -1.77	38.91 2.94 -0.15	56.06 3.92 0.00	48.40 2.73 0.00	46.82 2.42 0.00	37.24 1.61 3.17	33.99 1.18 0.00	26.66 0.96 0.00	22.06 1.02 0.00
GREENBSH_115KV_TB3 55895	38.53 -0.21 0.00	31.01 -0.10 0.00	29.72 -0.05 0.00	25.82 0.00 0.00	30.27 -0.07 0.00	27.35 -0.05 0.00	31.33 0.00 0.00	32.35 0.08 0.00	38.39 0.06 0.00	32.64 -0.05 0.00	20.99 0.00 0.00	24.12 -0.02 0.00	22.18 0.03 2.45	28.65 -0.02 0.45	35.93 -0.10 0.17	32.04 -0.01 0.14	35.77 0.01 0.06	52.03 -0.11 0.00	45.44 -0.23 0.00	44.17 -0.23 0.00	38.67 -0.13 0.00	32.76 -0.04 0.00	25.68 -0.02 0.00	21.15 0.12 0.00
GREENDGE_115KV_TB5 80291	38.54 -0.20 0.00	30.93 -0.17 0.00	29.60 -0.16 0.00	25.62 -0.19 0.00	30.16 -0.19 0.00	27.30 -0.10 0.00	31.09 -0.24 0.00	32.19 -0.40 -0.32	37.61 -0.72 0.00	32.07 -0.63 0.00	20.50 -0.48 0.00	23.59 -0.55 0.00	24.01 -0.59 0.00	28.52 -0.60 0.00	35.49 -0.74 -0.03	31.52 -0.68 0.00	35.05 -0.77 0.00	50.97 -1.18 0.00	45.10 -0.57 0.00	43.81 -0.59 0.00	38.13 -0.67 0.00	32.47 -0.33 0.00	25.49 -0.21 0.00	20.60 -0.43 0.00
GREENIDGE___3 23582	38.54 -0.20 0.00	30.93 -0.17 0.00	29.60 -0.16 0.00	25.62 -0.19 0.00	30.16 -0.19 0.00	27.30 -0.10 0.00	31.09 -0.24 0.00	32.19 -0.40 -0.32	37.61 -0.72 0.00	32.07 -0.63 0.00	20.50 -0.48 0.00	23.59 -0.55 0.00	24.01 -0.59 0.00	28.52 -0.60 0.00	35.49 -0.74 -0.03	31.52 -0.68 0.00	35.05 -0.77 0.00	50.97 -1.18 0.00	45.10 -0.57 0.00	43.81 -0.59 0.00	38.13 -0.67 0.00	32.47 -0.33 0.00	25.49 -0.21 0.00	20.60 -0.43 0.00
GREENIDGE___4 23583	38.54 -0.20 0.00	30.93 -0.17 0.00	29.60 -0.16 0.00	25.63 -0.19 0.00	30.16 -0.19 0.00	27.30 -0.10 0.00	31.09 -0.25 0.00	32.18 -0.41 -0.32	37.61 -0.72 0.00	32.07 -0.63 0.00	20.50 -0.48 0.00	23.59 -0.55 0.00	24.01 -0.59 0.00	28.51 -0.61 0.00	35.50 -0.73 -0.03	31.52 -0.68 0.00	35.06 -0.76 0.00	50.97 -1.18 0.00	45.10 -0.57 0.00	43.80 -0.60 0.00	38.13 -0.68 0.00	32.47 -0.33 0.00	25.49 -0.21 0.00	20.60 -0.43 0.00
GREENLWN_69_KV_BK 3 55738	40.27 1.53 0.00	32.34 1.24 0.00	30.83 1.07 0.00	26.71 0.89 0.00	31.19 0.84 0.00	28.07 0.67 0.00	34.19 0.99 -1.87	36.29 1.58 -2.44	40.22 1.89 0.00	34.45 1.75 0.00	22.38 1.40 -0.01	25.69 1.55 0.00	33.07 1.64 -6.83	41.29 2.02 -10.15	40.64 2.53 -1.92	36.21 2.25 -1.77	38.30 2.32 -0.15	55.00 2.85 0.00	47.48 1.81 0.00	45.95 1.55 0.00	36.55 0.91 3.17	33.41 0.61 0.00	26.22 0.53 0.00	21.80 0.77 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00
GRISSOM___SOLAR 323813	40.30 1.56 0.00	32.35 1.25 0.00	30.92 1.16 0.00	26.80 0.98 0.00	31.50 1.15 0.00	28.44 1.04 0.00	32.57 1.23 0.00	33.42 1.16 0.00	38.70 0.37 0.00	32.43 -0.27 0.00	20.68 -0.30 0.00	23.79 -0.35 0.00	22.36 -0.31 1.94	28.36 -0.41 0.36	35.56 -0.50 0.13	31.71 -0.36 0.11	35.49 -0.28 0.05	52.86 0.72 0.00	47.26 1.60 0.00	46.34 1.94 0.00	40.51 1.70 0.00	34.11 1.31 0.00	26.67 0.98 0.00	21.80 0.76 0.00
GROVEVILLE___HYD 323602	40.17 1.44 0.00	32.33 1.23 0.00	30.94 1.18 0.00	26.87 1.04 0.00	31.45 1.11 0.00	28.34 0.94 0.00	32.47 1.14 0.00	33.61 1.34 0.00	39.97 1.65 0.00	34.16 1.46 0.00	21.97 0.99 0.00	25.26 1.12 0.00	32.38 1.19 -6.59	31.80 1.46 -1.22	38.54 1.90 -0.45	34.36 1.78 -0.39	37.97 1.99 -0.16	54.99 2.84 0.00	47.79 2.12 0.00	46.33 1.93 0.00	40.32 1.52 0.00	34.05 1.25 0.00	26.70 1.00 0.00	21.93 0.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	38.52 -0.22 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.59 -0.23 0.00	30.08 -0.26 0.00	27.18 -0.22 0.00	31.01 -0.32 0.00	32.28 -0.47 -0.49	37.67 -0.66 0.00	32.12 -0.58 0.00	20.59 -0.39 0.00	23.69 -0.45 0.00	24.14 -0.46 0.00	28.58 -0.54 0.00	35.52 -0.73 -0.05	31.54 -0.65 0.00	35.13 -0.69 0.00	51.25 -0.90 0.00	45.06 -0.61 0.00	43.77 -0.63 0.00	38.19 -0.61 0.00	32.31 -0.49 0.00	25.34 -0.36 0.00	20.65 -0.38 0.00

HAMPSHIRE___PAPER_HYD 323593	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.93 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.37 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 0.00	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
HARDSCRABBLE_WT_PWR 323673	38.82 0.09 0.00	31.27 0.16 0.00	29.99 0.23 0.00	26.03 0.21 0.00	30.52 0.18 0.00	27.60 0.20 0.00	31.63 0.29 0.00	32.60 0.33 0.00	38.25 -0.08 0.00	32.18 -0.52 0.00	20.63 -0.35 0.00	23.71 -0.43 0.00	24.20 -0.40 0.00	28.63 -0.49 0.00	35.53 -0.67 0.00	31.72 -0.47 0.00	35.55 -0.27 0.00	52.34 0.19 0.00	45.98 0.31 0.00	44.92 0.52 0.00	39.21 0.41 0.00	32.98 0.17 0.00	25.81 0.11 0.00	21.18 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.99 1.26 0.00	32.13 1.03 0.00	30.78 1.02 0.00	26.74 0.92 0.00	31.32 0.97 0.00	28.22 0.82 0.00	32.30 0.97 0.00	33.39 1.12 0.00	39.71 1.38 0.00	33.96 1.26 0.00	21.86 0.87 0.00	25.14 1.00 0.00	30.09 1.09 -4.40	31.29 1.35 -0.82	38.27 1.78 -0.30	34.10 1.64 -0.26	37.75 1.83 -0.11	54.75 2.60 0.00	47.57 1.90 0.00	46.12 1.72 0.00	40.11 1.31 0.00	33.87 1.07 0.00	26.58 0.88 0.00	21.83 0.79 0.00
HARSNRAD_115KV_TB1 81005	38.04 -0.69 0.00	30.42 -0.69 0.00	29.08 -0.68 0.00	25.15 -0.67 0.00	29.62 -0.73 0.00	26.83 -0.57 0.00	30.03 -1.31 0.00	30.53 -1.94 -0.20	36.27 -2.06 0.00	31.56 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.70 -0.90 0.00	28.04 -1.08 0.00	34.74 -1.48 -0.02	30.19 -2.01 0.00	33.19 -2.62 0.00	47.68 -4.47 0.00	42.09 -3.58 0.00	40.77 -3.63 0.00	35.67 -3.13 0.00	30.35 -2.45 0.00	23.86 -1.83 0.00	19.26 -1.77 0.00
HARZA MOOSE___RIVER 24016	39.80 1.07 0.00	31.97 0.87 0.00	30.59 0.83 0.00	26.50 0.68 0.00	31.16 0.82 0.00	28.14 0.74 0.00	32.26 0.92 0.00	33.38 0.96 -0.15	39.09 0.76 0.00	33.06 0.36 0.00	21.11 0.13 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.15 0.03 0.00	36.26 0.05 -0.02	32.25 0.06 0.00	35.96 0.14 0.00	52.77 0.62 0.00	46.90 1.23 0.00	45.93 1.53 0.00	40.13 1.33 0.00	33.92 1.12 0.00	26.51 0.82 0.00	21.62 0.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.31 -0.42 0.00	30.71 -0.39 0.00	29.38 -0.38 0.00	25.48 -0.34 0.00	29.95 -0.39 0.00	27.04 -0.36 0.00	30.88 -0.46 0.00	32.07 -0.55 -0.35	37.62 -0.71 0.00	32.10 -0.60 0.00	20.58 -0.40 0.00	23.68 -0.46 0.00	24.13 -0.48 0.00	28.58 -0.54 0.00	35.53 -0.70 -0.04	31.57 -0.62 0.00	35.13 -0.69 0.00	51.16 -0.99 0.00	44.92 -0.75 0.00	43.62 -0.78 0.00	38.08 -0.72 0.00	32.24 -0.56 0.00	25.31 -0.39 0.00	20.65 -0.38 0.00
HELLGATE_13_KV_LD 55870	40.55 1.82 0.00	32.59 1.49 0.00	31.17 1.40 0.00	27.04 1.22 0.00	31.61 1.27 0.00	28.45 1.05 0.00	32.64 1.30 0.00	33.83 1.56 0.00	40.29 1.96 0.00	34.59 1.89 0.00	22.35 1.37 0.00	25.69 1.55 0.00	32.45 1.64 -6.21	32.28 2.02 -1.15	39.19 2.58 -0.42	34.88 2.32 -0.36	38.46 2.49 -0.15	55.49 3.35 0.00	48.07 2.40 0.00	46.53 2.13 0.00	40.51 1.70 0.00	34.26 1.46 0.00	26.88 1.18 0.00	22.08 1.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.55 1.82 0.00	32.59 1.49 0.00	31.17 1.40 0.00	27.04 1.22 0.00	31.61 1.27 0.00	28.45 1.05 0.00	32.64 1.30 0.00	33.83 1.56 0.00	40.29 1.96 0.00	34.59 1.89 0.00	22.35 1.37 0.00	25.69 1.55 0.00	32.45 1.64 -6.21	32.28 2.02 -1.15	39.19 2.58 -0.42	34.88 2.32 -0.36	38.46 2.49 -0.15	55.49 3.35 0.00	48.07 2.40 0.00	46.53 2.13 0.00	40.51 1.70 0.00	34.26 1.46 0.00	26.88 1.18 0.00	22.08 1.05 0.00
HEMPSTEAD____ 23647	40.34 1.60 0.00	32.37 1.27 0.00	30.89 1.13 0.00	26.77 0.95 0.00	31.27 0.92 0.00	28.15 0.75 0.00	34.28 1.08 -1.87	36.29 1.58 -2.44	40.24 1.91 0.00	34.49 1.79 0.00	22.32 1.33 -0.01	25.64 1.50 0.00	33.03 1.60 -6.83	41.21 1.94 -10.15	40.57 2.45 -1.92	36.17 2.21 -1.77	38.33 2.36 -0.15	55.24 3.09 0.00	47.68 2.01 0.00	46.17 1.77 0.00	37.71 1.23 2.32	33.72 0.92 0.00	26.44 0.75 0.00	21.85 0.82 0.00
HICKLING___1 23621	38.49 -0.24 0.00	30.67 -0.43 0.00	29.35 -0.41 0.00	25.39 -0.43 0.00	29.87 -0.48 0.00	27.04 -0.36 0.00	30.74 -0.59 0.00	31.75 -0.79 -0.27	37.38 -0.95 0.00	31.99 -0.72 0.00	20.54 -0.44 0.00	23.69 -0.45 0.00	24.10 -0.50 0.00	28.66 -0.46 0.00	35.63 -0.59 -0.03	31.61 -0.58 0.00	35.10 -0.71 0.00	51.14 -1.01 0.00	44.84 -0.82 0.00	43.35 -1.05 0.00	37.60 -1.21 0.00	31.95 -0.85 0.00	25.17 -0.53 0.00	20.29 -0.74 0.00
HICKLING___2 23622	38.49 -0.24 0.00	30.67 -0.43 0.00	29.35 -0.41 0.00	25.39 -0.43 0.00	29.87 -0.48 0.00	27.04 -0.36 0.00	30.74 -0.59 0.00	31.75 -0.79 -0.27	37.38 -0.95 0.00	31.99 -0.72 0.00	20.54 -0.44 0.00	23.69 -0.45 0.00	24.10 -0.50 0.00	28.66 -0.46 0.00	35.63 -0.59 -0.03	31.61 -0.58 0.00	35.10 -0.71 0.00	51.14 -1.01 0.00	44.84 -0.82 0.00	43.35 -1.05 0.00	37.60 -1.21 0.00	31.95 -0.85 0.00	25.17 -0.53 0.00	20.29 -0.74 0.00
HIGH FALLS___HY 23754	40.21 1.48 0.00	32.26 1.15 0.00	30.82 1.06 0.00	26.77 0.95 0.00	31.36 1.01 0.00	28.23 0.84 0.00	32.33 0.99 0.00	33.45 1.18 0.00	39.80 1.47 0.00	33.99 1.28 0.00	21.81 0.83 0.00	25.05 0.90 0.00	29.01 0.95 -3.46	30.94 1.18 -0.64	38.00 1.58 -0.23	33.91 1.51 -0.20	37.64 1.74 -0.08	54.75 2.61 0.00	47.69 2.02 0.00	46.33 1.93 0.00	40.31 1.50 0.00	34.00 1.19 0.00	26.66 0.96 0.00	21.86 0.83 0.00
HIGH_RIVER___SOLAR 323847	39.71 0.97 0.00	31.89 0.79 0.00	30.51 0.75 0.00	26.46 0.65 0.00	31.09 0.75 0.00	28.05 0.65 0.00	32.13 0.80 0.00	33.05 0.78 0.00	38.76 0.43 0.00	32.65 -0.05 0.00	20.83 -0.15 0.00	23.95 -0.19 0.00	22.36 -0.16 2.07	28.52 -0.21 0.38	35.79 -0.26 0.14	31.89 -0.18 0.12	35.78 0.01 0.05	52.78 0.63 0.00	46.66 0.99 0.00	45.54 1.15 0.00	39.82 1.02 0.00	33.61 0.80 0.00	26.31 0.62 0.00	21.56 0.53 0.00
HILLBURN___GT 23639	39.94 1.20 0.00	32.10 1.00 0.00	30.76 1.00 0.00	26.74 0.92 0.00	31.31 0.96 0.00	28.19 0.80 0.00	32.29 0.95 0.00	33.38 1.12 0.00	39.73 1.40 0.00	34.02 1.32 0.00	21.91 0.93 0.00	25.21 1.07 0.00	30.38 1.16 -4.62	31.40 1.43 -0.85	38.38 1.87 -0.31	34.18 1.72 -0.27	37.80 1.87 -0.11	54.73 2.58 0.00	47.49 1.82 0.00	46.01 1.62 0.00	40.00 1.20 0.00	33.78 0.98 0.00	26.53 0.84 0.00	21.80 0.76 0.00
HILLSIDE_115KV_TB1 80332	38.07 -0.66 0.00	30.33 -0.77 0.00	29.03 -0.73 0.00	25.13 -0.69 0.00	29.56 -0.79 0.00	26.73 -0.67 0.00	30.43 -0.91 0.00	31.47 -1.07 -0.27	37.10 -1.22 0.00	31.77 -0.93 0.00	20.43 -0.55 0.00	23.56 -0.58 0.00	23.98 -0.62 0.00	28.51 -0.61 0.00	35.44 -0.79 -0.03	31.47 -0.72 0.00	34.94 -0.88 0.00	50.83 -1.32 0.00	44.41 -1.26 0.00	42.93 -1.47 0.00	37.28 -1.53 0.00	31.71 -1.10 0.00	24.98 -0.72 0.00	20.16 -0.87 0.00

HISHELDN_WT_PWR 323625	37.94 -0.79 0.00	30.28 -0.83 0.00	28.90 -0.86 0.00	24.92 -0.90 0.00	29.35 -1.00 0.00	26.63 -0.77 0.00	29.90 -1.44 0.00	30.57 -1.92 -0.22	36.20 -2.13 0.00	31.39 -1.32 0.00	20.16 -0.82 0.00	23.26 -0.88 0.00	23.62 -0.98 0.00	28.05 -1.07 0.00	34.82 -1.40 -0.02	30.47 -1.72 0.00	33.60 -2.22 0.00	48.47 -3.68 0.00	42.73 -2.94 0.00	41.22 -3.18 0.00	35.84 -2.96 0.00	30.50 -2.30 0.00	24.00 -1.70 0.00	19.32 -1.72 0.00
HOLTSVILLE_IC_1 23690	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
HOLTSVILLE_IC_10 23699	40.42 1.68 0.00	32.29 1.18 0.00	30.75 0.99 0.00	26.61 0.79 0.00	31.04 0.70 0.00	27.95 0.55 0.00	34.13 0.92 -1.87	36.29 1.59 -2.44	40.14 1.81 0.00	34.36 1.66 0.00	22.31 1.33 -0.01	25.56 1.42 0.00	32.97 1.54 -6.83	41.20 1.93 -10.15	40.62 2.50 -1.92	36.27 2.31 -1.77	38.48 2.51 -0.15	55.43 3.28 0.00	47.88 2.21 0.00	46.31 1.92 0.00	36.74 1.14 3.21	33.58 0.78 0.00	26.34 0.64 0.00	21.82 0.79 0.00
HOLTSVILLE_IC_2 23691	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
HOLTSVILLE_IC_3 23692	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
HOLTSVILLE_IC_4 23693	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
HOLTSVILLE_IC_5 23694	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
HOLTSVILLE_IC_6 23695	40.42 1.68 0.00	32.29 1.18 0.00	30.75 0.99 0.00	26.61 0.79 0.00	31.04 0.70 0.00	27.95 0.55 0.00	34.13 0.92 -1.87	36.29 1.59 -2.44	40.14 1.81 0.00	34.36 1.66 0.00	22.31 1.33 -0.01	25.56 1.42 0.00	32.97 1.54 -6.83	41.20 1.93 -10.15	40.62 2.50 -1.92	36.27 2.31 -1.77	38.48 2.51 -0.15	55.43 3.28 0.00	47.88 2.21 0.00	46.31 1.92 0.00	36.74 1.14 3.21	33.58 0.78 0.00	26.34 0.64 0.00	21.82 0.79 0.00
HOLTSVILLE_IC_7 23696	40.42 1.68 0.00	32.29 1.18 0.00	30.75 0.99 0.00	26.61 0.79 0.00	31.04 0.70 0.00	27.95 0.55 0.00	34.13 0.92 -1.87	36.29 1.59 -2.44	40.14 1.81 0.00	34.36 1.66 0.00	22.31 1.33 -0.01	25.56 1.42 0.00	32.97 1.54 -6.83	41.20 1.93 -10.15	40.62 2.50 -1.92	36.27 2.31 -1.77	38.48 2.51 -0.15	55.43 3.28 0.00	47.88 2.21 0.00	46.31 1.92 0.00	36.74 1.14 3.21	33.58 0.78 0.00	26.34 0.64 0.00	21.82 0.79 0.00
HOLTSVILLE_IC_8 23697	40.42 1.68 0.00	32.29 1.18 0.00	30.75 0.99 0.00	26.61 0.79 0.00	31.04 0.70 0.00	27.95 0.55 0.00	34.13 0.92 -1.87	36.29 1.59 -2.44	40.14 1.81 0.00	34.36 1.66 0.00	22.31 1.33 -0.01	25.56 1.42 0.00	32.97 1.54 -6.83	41.20 1.93 -10.15	40.62 2.50 -1.92	36.27 2.31 -1.77	38.48 2.51 -0.15	55.43 3.28 0.00	47.88 2.21 0.00	46.31 1.92 0.00	36.74 1.14 3.21	33.58 0.78 0.00	26.34 0.64 0.00	21.82 0.79 0.00
HOLTSVILLE_IC_9 23698	40.42 1.68 0.00	32.29 1.18 0.00	30.75 0.99 0.00	26.61 0.79 0.00	31.04 0.70 0.00	27.95 0.55 0.00	34.13 0.92 -1.87	36.29 1.59 -2.44	40.14 1.81 0.00	34.36 1.66 0.00	22.31 1.33 -0.01	25.56 1.42 0.00	32.97 1.54 -6.83	41.20 1.93 -10.15	40.62 2.50 -1.92	36.27 2.31 -1.77	38.48 2.51 -0.15	55.43 3.28 0.00	47.88 2.21 0.00	46.31 1.92 0.00	36.74 1.14 3.21	33.58 0.78 0.00	26.34 0.64 0.00	21.82 0.79 0.00
HOMER_HL_115KV_TB2 355744	38.09 -0.64 0.00	30.38 -0.72 0.00	29.16 -0.60 0.00	25.21 -0.61 0.00	29.66 -0.68 0.00	26.81 -0.59 0.00	30.22 -1.12 0.00	31.14 -1.35 -0.22	37.02 -1.31 0.00	32.18 -0.52 0.00	20.73 -0.25 0.00	23.90 -0.24 0.00	24.40 -0.20 0.00	28.94 -0.18 0.00	35.78 -0.44 -0.02	31.33 -0.86 0.00	34.40 -1.42 0.00	49.55 -2.60 0.00	43.29 -2.38 0.00	41.87 -2.53 0.00	36.40 -2.40 0.00	31.03 -1.78 0.00	24.59 -1.11 0.00	19.78 -1.25 0.00
HOWARD_WT_PWR 323690	38.07 -0.67 0.00	30.19 -0.91 0.00	28.68 -1.08 0.00	24.89 -0.93 0.00	29.37 -0.97 0.00	26.69 -0.71 0.00	30.09 -1.25 0.00	30.86 -1.67 -0.26	36.29 -2.04 0.00	31.43 -1.27 0.00	20.20 -0.78 0.00	23.26 -0.88 0.00	23.70 -0.90 0.00	28.23 -0.89 0.00	35.10 -1.12 -0.03	30.93 -1.27 0.00	34.29 -1.53 0.00	50.00 -2.15 0.00	44.17 -1.51 0.00	42.48 -1.92 0.00	36.69 -2.12 0.00	31.09 -1.71 0.00	24.49 -1.21 0.00	19.65 -1.38 0.00
HQ_GEN_CEDARS 23644	39.44 0.70 0.00	31.69 0.58 0.00	30.27 0.50 0.00	26.21 0.39 0.00	30.86 0.52 0.00	27.98 0.58 0.00	32.02 0.68 0.00	32.93 0.66 0.00	39.10 0.77 0.00	33.37 0.67 0.00	21.38 0.40 0.00	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.83 0.64 0.00	32.66 0.47 0.00	36.33 0.50 0.00	52.98 0.84 0.00	46.78 1.11 0.00	45.61 1.21 0.00	39.91 1.10 0.00	33.68 0.88 0.00	26.28 0.58 0.00	21.44 0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	39.44 0.70 0.00	31.69 0.58 0.00	30.27 0.50 0.00	26.21 0.39 0.00	30.86 0.51 0.00	27.98 0.58 0.00	32.02 0.68 0.00	32.93 0.66 0.00	35.10 0.77 4.00	33.36 0.67 0.00	20.43 0.40 0.95	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.83 0.64 0.00	32.66 0.47 0.00	36.32 0.50 0.00	52.98 0.84 0.00	46.78 1.11 0.00	47.45 1.21 -1.84	39.91 1.10 0.00	33.68 0.88 0.00	26.28 0.58 0.00	21.44 0.41 0.00

HQ_GEN_IMPORT 323601	38.88 0.26 0.11	31.31 0.21 0.00	29.94 0.18 0.00	25.96 0.13 0.00	30.54 0.20 0.00	27.62 0.22 0.00	31.59 0.25 0.00	32.52 0.25 0.00	38.69 0.36 0.00	33.03 0.33 0.00	21.18 0.20 0.00	24.39 0.25 0.00	24.83 0.23 0.00	29.38 0.26 0.00	36.54 0.34 0.00	32.45 0.26 0.00	36.10 0.29 0.00	52.56 0.41 0.00	46.14 0.47 0.00	44.88 0.48 0.00	37.15 0.46 2.11	33.15 0.35 0.00	25.93 0.23 0.00	21.19 0.16 0.00
HQ_GEN_WHEEL 23651	38.88 0.26 0.11	31.31 0.21 0.00	29.94 0.18 0.00	25.96 0.13 0.00	30.54 0.20 0.00	27.62 0.22 0.00	31.59 0.25 0.00	32.52 0.25 0.00	38.69 0.36 0.00	33.03 0.33 0.00	21.18 0.20 0.00	24.39 0.25 0.00	24.83 0.23 0.00	29.38 0.26 0.00	36.54 0.34 0.00	32.45 0.26 0.00	36.10 0.29 0.00	52.56 0.41 0.00	46.14 0.47 0.00	44.88 0.48 0.00	37.15 0.46 2.11	33.15 0.35 0.00	25.93 0.23 0.00	21.19 0.16 0.00
HUDSON AVE_GT_3 23810	40.36 1.62 0.00	32.41 1.31 0.00	31.01 1.25 0.00	26.93 1.11 0.00	31.48 1.13 0.00	28.33 0.93 0.00	32.46 1.12 0.00	33.65 1.38 0.00	40.08 1.75 0.00	34.40 1.69 0.00	22.20 1.22 0.00	25.54 1.39 0.00	32.29 1.48 -6.20	32.08 1.81 -1.15	38.94 2.33 -0.42	34.68 2.12 -0.36	38.24 2.27 -0.15	55.23 3.08 0.00	47.83 2.16 0.00	46.30 1.90 0.00	40.30 1.50 0.00	34.09 1.28 0.00	26.77 1.07 0.00	22.00 0.96 0.00
HUDSON AVE_GT_4 23540	40.36 1.62 0.00	32.41 1.31 0.00	31.01 1.25 0.00	26.93 1.11 0.00	31.48 1.13 0.00	28.33 0.93 0.00	32.46 1.12 0.00	33.65 1.38 0.00	40.08 1.75 0.00	34.40 1.69 0.00	22.20 1.22 0.00	25.54 1.39 0.00	32.29 1.48 -6.20	32.08 1.81 -1.15	38.94 2.33 -0.42	34.68 2.12 -0.36	38.24 2.27 -0.15	55.23 3.08 0.00	47.83 2.16 0.00	46.30 1.90 0.00	40.30 1.50 0.00	34.09 1.28 0.00	26.77 1.07 0.00	22.00 0.96 0.00
HUDSON AVE_GT_5 23657	40.36 1.62 0.00	32.41 1.31 0.00	31.01 1.25 0.00	26.93 1.11 0.00	31.48 1.13 0.00	28.33 0.93 0.00	32.46 1.12 0.00	33.65 1.38 0.00	40.08 1.75 0.00	34.40 1.69 0.00	22.20 1.22 0.00	25.54 1.39 0.00	32.29 1.48 -6.20	32.08 1.81 -1.15	38.94 2.33 -0.42	34.68 2.12 -0.36	38.24 2.27 -0.15	55.23 3.08 0.00	47.83 2.16 0.00	46.30 1.90 0.00	40.30 1.50 0.00	34.09 1.28 0.00	26.77 1.07 0.00	22.00 0.96 0.00
HUDSON_AVE_10 24168	40.20 1.47 0.00	32.28 1.18 0.00	30.89 1.13 0.00	26.84 1.02 0.00	31.36 1.01 0.00	28.23 0.83 0.00	32.34 1.00 0.00	33.52 1.25 0.00	39.93 1.60 0.00	34.24 1.54 0.00	22.11 1.13 0.00	25.43 1.29 0.00	32.17 1.37 -6.20	31.93 1.66 -1.15	38.77 2.16 -0.42	34.54 1.98 -0.36	38.09 2.12 -0.15	55.02 2.87 0.00	47.68 2.01 0.00	46.12 1.73 0.00	40.12 1.32 0.00	33.96 1.16 0.00	26.67 0.98 0.00	21.92 0.89 0.00
HUDSON___115KV_TB 4 355613	39.22 0.48 0.00	31.52 0.42 0.00	30.22 0.46 0.00	26.25 0.43 0.00	30.78 0.43 0.00	27.81 0.41 0.00	31.88 0.54 0.00	32.89 0.63 0.00	38.86 0.54 0.00	32.86 0.16 0.00	21.08 0.10 0.00	24.22 0.07 0.00	23.26 0.13 1.47	28.96 0.10 0.27	36.17 0.07 0.10	32.26 0.15 0.09	36.00 0.22 0.04	52.57 0.42 0.00	46.28 0.61 0.00	45.12 0.72 0.00	39.48 0.67 0.00	33.40 0.60 0.00	26.16 0.46 0.00	21.51 0.48 0.00
HUNTER MOUNT___DRP 323613	39.23 0.49 0.00	31.56 0.46 0.00	30.28 0.51 0.00	26.29 0.47 0.00	30.84 0.50 0.00	27.87 0.47 0.00	31.96 0.62 0.00	32.99 0.72 0.00	38.95 0.62 0.00	32.89 0.19 0.00	21.07 0.09 0.00	24.19 0.05 0.00	24.10 0.11 0.61	29.08 0.08 0.11	36.19 0.04 0.04	32.28 0.12 0.04	36.01 0.21 0.02	52.66 0.51 0.00	46.38 0.71 0.00	45.25 0.86 0.00	39.61 0.81 0.00	33.51 0.71 0.00	26.23 0.53 0.00	21.56 0.52 0.00
HUNTINGTON_RES_REC 323705	40.34 1.61 0.00	32.32 1.22 0.00	30.79 1.03 0.00	26.66 0.84 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.16 0.95 -1.87	36.27 1.57 -2.44	40.17 1.84 0.00	34.39 1.69 0.00	22.34 1.35 -0.01	25.63 1.49 0.00	33.02 1.59 -6.83	41.24 1.97 -10.15	40.63 2.52 -1.92	36.24 2.28 -1.77	38.39 2.42 -0.15	55.22 3.07 0.00	47.69 2.02 0.00	46.13 1.73 0.00	36.64 1.03 3.20	33.48 0.68 0.00	26.27 0.57 0.00	21.81 0.78 0.00
HUNTLEY___63 23557	38.22 -0.52 0.00	30.51 -0.60 0.00	29.15 -0.61 0.00	25.21 -0.61 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.08 -1.26 0.00	30.65 -1.83 -0.20	36.42 -1.91 0.00	31.71 -0.99 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.84 -0.76 0.00	28.22 -0.90 0.00	34.98 -1.24 -0.02	30.45 -1.75 0.00	33.51 -2.31 0.00	48.12 -4.03 0.00	42.42 -3.25 0.00	41.03 -3.37 0.00	35.87 -2.93 0.00	30.52 -2.29 0.00	23.99 -1.70 0.00	19.35 -1.68 0.00
HUNTLEY___64 23558	38.22 -0.52 0.00	30.51 -0.60 0.00	29.15 -0.61 0.00	25.21 -0.61 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.08 -1.26 0.00	30.65 -1.83 -0.20	36.42 -1.91 0.00	31.71 -0.99 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.84 -0.76 0.00	28.22 -0.90 0.00	34.98 -1.24 -0.02	30.45 -1.75 0.00	33.51 -2.31 0.00	48.12 -4.03 0.00	42.42 -3.25 0.00	41.03 -3.37 0.00	35.87 -2.93 0.00	30.52 -2.29 0.00	23.99 -1.70 0.00	19.35 -1.68 0.00
HUNTLEY___65 23559	38.22 -0.52 0.00	30.51 -0.60 0.00	29.15 -0.61 0.00	25.21 -0.61 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.08 -1.26 0.00	30.65 -1.83 -0.20	36.42 -1.91 0.00	31.71 -0.99 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.84 -0.76 0.00	28.22 -0.90 0.00	34.98 -1.24 -0.02	30.45 -1.75 0.00	33.51 -2.31 0.00	48.12 -4.03 0.00	42.42 -3.25 0.00	41.03 -3.37 0.00	35.87 -2.93 0.00	30.52 -2.29 0.00	23.99 -1.70 0.00	19.35 -1.68 0.00
HUNTLEY___66 23560	38.22 -0.52 0.00	30.51 -0.60 0.00	29.15 -0.61 0.00	25.21 -0.61 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.08 -1.26 0.00	30.65 -1.83 -0.20	36.42 -1.91 0.00	31.71 -0.99 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.84 -0.76 0.00	28.22 -0.90 0.00	34.98 -1.24 -0.02	30.45 -1.75 0.00	33.51 -2.31 0.00	48.12 -4.03 0.00	42.42 -3.25 0.00	41.03 -3.37 0.00	35.87 -2.93 0.00	30.52 -2.29 0.00	23.99 -1.70 0.00	19.35 -1.68 0.00
HUNTLEY___67 23561	37.99 -0.74 0.00	30.32 -0.78 0.00	28.99 -0.77 0.00	25.06 -0.76 0.00	29.51 -0.84 0.00	26.73 -0.67 0.00	29.94 -1.40 0.00	30.53 -1.95 -0.21	36.29 -2.03 0.00	31.63 -1.07 0.00	20.31 -0.67 0.00	23.43 -0.71 0.00	23.79 -0.81 0.00	28.18 -0.94 0.00	34.93 -1.29 -0.02	30.44 -1.76 0.00	33.49 -2.33 0.00	48.08 -4.07 0.00	42.32 -3.35 0.00	40.92 -3.48 0.00	35.77 -3.04 0.00	30.43 -2.37 0.00	23.94 -1.75 0.00	19.31 -1.72 0.00
HUNTLEY___68 23562	37.99 -0.74 0.00	30.32 -0.78 0.00	28.99 -0.77 0.00	25.06 -0.76 0.00	29.51 -0.84 0.00	26.73 -0.67 0.00	29.94 -1.40 0.00	30.53 -1.95 -0.21	36.29 -2.03 0.00	31.63 -1.07 0.00	20.31 -0.67 0.00	23.43 -0.71 0.00	23.79 -0.81 0.00	28.18 -0.94 0.00	34.93 -1.29 -0.02	30.44 -1.76 0.00	33.49 -2.33 0.00	48.08 -4.07 0.00	42.32 -3.35 0.00	40.92 -3.48 0.00	35.77 -3.04 0.00	30.43 -2.37 0.00	23.94 -1.75 0.00	19.31 -1.72 0.00

HYLAND___LFGE 323620	40.05 1.32 0.00	31.91 0.81 0.00	30.46 0.70 0.00	26.34 0.52 0.00	31.02 0.68 0.00	28.14 0.74 0.00	31.89 0.55 0.00	32.82 0.32 -0.23	38.26 -0.07 0.00	32.30 -0.40 0.00	20.66 -0.32 0.00	23.81 -0.33 0.00	24.20 -0.40 0.00	28.73 -0.39 0.00	35.67 -0.55 -0.02	31.41 -0.78 0.00	34.88 -0.94 0.00	50.85 -1.29 0.00	45.61 -0.06 0.00	44.96 0.56 0.00	39.20 0.39 0.00	33.12 0.31 0.00	25.95 0.25 0.00	20.92 -0.11 0.00
INDECK___CORINTH 23802	39.45 0.72 0.00	31.70 0.60 0.00	30.44 0.68 0.00	26.36 0.54 0.00	30.93 0.58 0.00	27.94 0.54 0.00	32.14 0.81 0.00	33.18 0.91 0.00	39.91 1.59 0.00	33.90 1.20 0.00	21.50 0.52 0.00	24.75 0.60 0.00	22.46 0.65 2.80	29.35 0.74 0.52	36.58 0.58 0.19	32.19 0.16 0.16	36.08 0.32 0.07	53.10 0.95 0.00	46.51 0.84 0.00	45.48 1.08 0.00	39.84 1.03 0.00	33.64 0.84 0.00	26.35 0.65 0.00	21.71 0.68 0.00
INDECK___ILION 23567	38.81 0.08 0.00	31.21 0.10 0.00	29.90 0.14 0.00	25.95 0.13 0.00	30.46 0.12 0.00	27.51 0.11 0.00	31.51 0.17 0.00	32.46 0.19 0.00	38.30 -0.03 0.00	32.42 -0.28 0.00	20.80 -0.19 0.00	23.91 -0.23 0.00	24.39 -0.21 0.00	28.86 -0.26 0.00	35.84 -0.35 0.00	31.96 -0.24 0.00	35.69 -0.13 0.00	52.29 0.14 0.00	45.85 0.18 0.00	44.68 0.28 0.00	39.04 0.24 0.00	32.93 0.13 0.00	25.79 0.09 0.00	21.14 0.11 0.00
INDECK___OLEAN 23982	38.10 -0.64 0.00	30.38 -0.72 0.00	29.16 -0.60 0.00	25.21 -0.61 0.00	29.66 -0.69 0.00	26.81 -0.59 0.00	30.22 -1.12 0.00	31.13 -1.35 -0.22	37.01 -1.32 0.00	32.17 -0.53 0.00	20.73 -0.25 0.00	23.90 -0.24 0.00	24.40 -0.21 0.00	28.94 -0.18 0.00	35.78 -0.44 -0.02	31.33 -0.86 0.00	34.40 -1.42 0.00	49.55 -2.60 0.00	43.29 -2.38 0.00	41.86 -2.54 0.00	36.40 -2.40 0.00	31.02 -1.78 0.00	24.59 -1.11 0.00	19.78 -1.25 0.00
INDECK___OSWEGO 23783	37.89 -0.85 0.00	30.40 -0.71 0.00	29.08 -0.68 0.00	25.21 -0.61 0.00	29.65 -0.70 0.00	26.76 -0.64 0.00	30.57 -0.76 0.00	32.38 -0.86 -0.96	37.19 -1.14 0.00	31.72 -0.98 0.00	20.33 -0.65 0.00	23.37 -0.77 0.00	23.81 -0.79 0.00	28.19 -0.93 0.00	35.11 -1.19 -0.10	31.18 -1.01 0.00	34.70 -1.12 0.00	50.59 -1.56 0.00	44.48 -1.19 0.00	43.28 -1.12 0.00	37.81 -0.99 0.00	31.99 -0.81 0.00	25.07 -0.63 0.00	20.47 -0.56 0.00
INDECK___YERKES 23781	38.25 -0.48 0.00	30.53 -0.57 0.00	29.17 -0.59 0.00	25.22 -0.60 0.00	29.70 -0.64 0.00	26.90 -0.50 0.00	30.09 -1.25 0.00	30.66 -1.81 -0.20	36.44 -1.89 0.00	31.73 -0.97 0.00	20.37 -0.61 0.00	23.50 -0.65 0.00	23.86 -0.74 0.00	28.24 -0.88 0.00	35.00 -1.22 -0.02	30.47 -1.73 0.00	33.53 -2.29 0.00	48.16 -3.98 0.00	42.45 -3.22 0.00	41.06 -3.34 0.00	35.90 -2.90 0.00	30.54 -2.26 0.00	24.02 -1.68 0.00	19.36 -1.67 0.00
INDIAN POINT_GT_1 24139	40.09 1.36 0.00	32.19 1.09 0.00	30.80 1.04 0.00	26.72 0.90 0.00	31.26 0.92 0.00	28.16 0.76 0.00	32.26 0.92 0.00	33.40 1.13 0.00	39.75 1.42 0.00	34.03 1.33 0.00	21.93 0.95 0.00	25.22 1.07 0.00	31.10 1.16 -5.34	31.53 1.42 -0.99	38.41 1.86 -0.36	34.20 1.69 -0.31	37.78 1.84 -0.13	54.66 2.51 0.00	47.43 1.76 0.00	45.94 1.54 0.00	39.97 1.17 0.00	33.76 0.96 0.00	26.50 0.81 0.00	21.79 0.75 0.00
INDIAN POINT_GT_2 23659	40.09 1.36 0.00	32.19 1.09 0.00	30.80 1.04 0.00	26.72 0.90 0.00	31.26 0.92 0.00	28.16 0.76 0.00	32.26 0.92 0.00	33.40 1.13 0.00	39.75 1.42 0.00	34.03 1.33 0.00	21.93 0.95 0.00	25.22 1.07 0.00	31.10 1.16 -5.34	31.53 1.42 -0.99	38.41 1.86 -0.36	34.20 1.69 -0.31	37.78 1.84 -0.13	54.66 2.51 0.00	47.43 1.76 0.00	45.94 1.54 0.00	39.97 1.17 0.00	33.76 0.96 0.00	26.50 0.81 0.00	21.79 0.75 0.00
INDIAN POINT_GT_3 24019	40.09 1.36 0.00	32.19 1.09 0.00	30.80 1.04 0.00	26.72 0.90 0.00	31.26 0.92 0.00	28.16 0.76 0.00	32.26 0.92 0.00	33.40 1.13 0.00	39.75 1.42 0.00	34.03 1.33 0.00	21.93 0.95 0.00	25.22 1.07 0.00	31.10 1.16 -5.34	31.53 1.42 -0.99	38.41 1.86 -0.36	34.20 1.69 -0.31	37.78 1.84 -0.13	54.66 2.51 0.00	47.43 1.76 0.00	45.94 1.54 0.00	39.97 1.17 0.00	33.76 0.96 0.00	26.50 0.81 0.00	21.79 0.75 0.00
INDIAN POINT___2 23530	40.18 1.45 0.00	32.28 1.18 0.00	30.84 1.08 0.00	26.70 0.88 0.00	31.25 0.90 0.00	28.14 0.74 0.00	32.24 0.90 0.00	33.37 1.10 0.00	39.71 1.38 0.00	34.00 1.30 0.00	21.90 0.92 0.00	25.19 1.05 0.00	31.00 1.14 -5.26	31.49 1.39 -0.97	38.37 1.82 -0.36	34.16 1.66 -0.31	37.74 1.80 -0.13	54.61 2.46 0.00	47.39 1.72 0.00	45.90 1.50 0.00	39.93 1.13 0.00	33.73 0.93 0.00	26.48 0.79 0.00	21.77 0.74 0.00
INDIAN POINT___3 23531	39.96 1.22 0.00	32.12 1.02 0.00	30.75 0.99 0.00	26.70 0.88 0.00	31.25 0.91 0.00	28.14 0.74 0.00	32.24 0.90 0.00	33.38 1.11 0.00	39.72 1.39 0.00	34.01 1.31 0.00	21.91 0.93 0.00	25.19 1.05 0.00	30.97 1.14 -5.23	31.49 1.40 -0.97	38.37 1.83 -0.36	34.16 1.66 -0.31	37.75 1.81 -0.13	54.61 2.46 0.00	47.39 1.72 0.00	45.90 1.50 0.00	39.94 1.14 0.00	33.74 0.94 0.00	26.48 0.79 0.00	21.78 0.74 0.00
INGHAM_C_115KV_TB7 356103	38.87 0.13 0.00	31.28 0.18 0.00	30.00 0.24 0.00	26.04 0.23 0.00	30.54 0.20 0.00	27.60 0.20 0.00	31.67 0.33 0.00	32.65 0.38 0.00	38.19 -0.14 0.00	31.96 -0.73 0.00	20.49 -0.49 0.00	23.55 -0.59 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.27 -0.93 0.00	31.52 -0.68 0.00	35.38 -0.44 0.00	52.25 0.10 0.00	45.94 0.27 0.00	44.93 0.53 0.00	39.25 0.45 0.00	33.09 0.29 0.00	25.90 0.21 0.00	21.27 0.24 0.00
IP CORINTH___1 23988	39.67 0.94 0.00	31.86 0.76 0.00	30.60 0.84 0.00	26.49 0.67 0.00	31.09 0.74 0.00	28.08 0.68 0.00	32.31 0.97 0.00	33.35 1.08 0.00	39.96 1.63 0.00	33.90 1.20 0.00	21.50 0.52 0.00	24.75 0.60 0.00	22.46 0.65 2.80	29.35 0.75 0.52	36.66 0.65 0.19	32.33 0.30 0.16	36.26 0.51 0.07	53.39 1.24 0.00	46.77 1.11 0.00	45.73 1.33 0.00	40.05 1.25 0.00	33.82 1.01 0.00	26.48 0.78 0.00	21.81 0.78 0.00
IP___TICONDEROGA 23804	41.29 2.56 0.00	33.36 2.25 0.00	32.14 2.38 0.00	27.71 1.89 0.00	32.39 2.04 0.00	29.34 1.94 0.00	33.95 2.61 0.00	35.05 2.79 0.00	41.17 2.85 0.00	34.73 2.03 0.00	21.99 1.01 0.00	25.33 1.19 0.00	23.08 1.34 2.86	30.29 1.70 0.53	38.11 2.12 0.19	33.74 1.71 0.17	37.94 2.19 0.07	55.77 3.62 0.00	48.78 3.11 0.00	48.02 3.62 0.00	42.27 3.47 0.00	35.70 2.89 0.00	27.70 2.00 0.00	22.97 1.94 0.00
ISLIP_RES_REC 323679	40.57 1.84 0.00	32.40 1.30 0.00	30.84 1.08 0.00	26.69 0.87 0.00	31.14 0.79 0.00	28.03 0.63 0.00	34.22 1.02 -1.87	36.39 1.68 -2.44	40.26 1.93 0.00	34.45 1.75 0.00	22.37 1.39 -0.01	25.63 1.49 0.00	33.05 1.62 -6.83	41.30 2.02 -10.15	40.75 2.63 -1.92	36.39 2.43 -1.77	38.64 2.67 -0.15	55.67 3.53 0.00	48.09 2.42 0.00	46.52 2.12 0.00	36.91 1.31 3.20	33.72 0.91 0.00	26.44 0.74 0.00	21.89 0.85 0.00

JAMAICA__27_KV_LOAD 355505	40.41 1.68 0.00	32.44 1.33 0.00	31.03 1.27 0.00	26.97 1.15 0.00	31.49 1.15 0.00	28.34 0.94 0.00	32.44 1.10 0.00	33.62 1.36 0.00	40.06 1.73 0.00	34.37 1.67 0.00	22.23 1.25 0.00	25.55 1.41 0.00	32.28 1.47 -6.20	32.06 1.79 -1.15	38.94 2.33 -0.42	34.70 2.14 -0.36	38.29 2.32 -0.15	55.21 3.06 0.00	47.81 2.14 0.00	46.30 1.90 0.00	40.28 1.47 0.00	34.16 1.36 0.00	26.87 1.18 0.00	22.07 1.04 0.00
JANIS__SOLAR 323808	39.59 0.86 0.00	31.79 0.69 0.00	30.29 0.53 0.00	26.30 0.48 0.00	31.04 0.70 0.00	28.07 0.67 0.00	32.11 0.77 0.00	33.28 0.72 -0.29	38.75 0.42 0.00	32.68 -0.02 0.00	20.80 -0.18 0.00	23.88 -0.26 0.00	24.29 -0.31 0.00	28.80 -0.32 0.00	35.83 -0.39 -0.03	31.92 -0.27 0.00	35.79 -0.02 0.00	52.85 0.71 0.00	46.89 1.22 0.00	45.80 1.40 0.00	39.87 1.07 0.00	33.68 0.88 0.00	26.33 0.64 0.00	21.28 0.25 0.00
JARVIS____ 23743	38.73 0.00 0.00	31.10 0.00 0.00	29.77 0.01 0.00	25.84 0.02 0.00	30.35 0.01 0.00	27.40 0.00 0.00	31.34 0.00 0.00	32.30 0.02 0.00	38.32 -0.01 0.00	32.67 -0.03 0.00	20.96 -0.03 0.00	24.10 -0.04 0.00	24.57 -0.03 0.00	29.09 -0.03 0.00	36.14 -0.05 0.00	32.16 -0.03 0.00	35.82 0.00 0.00	52.19 0.04 0.00	45.66 -0.01 0.00	44.40 0.00 0.00	38.80 0.00 0.00	32.80 0.00 0.00	25.69 0.00 0.00	21.05 0.02 0.00
JENNISON____1 23625	39.27 0.54 0.00	31.75 0.65 0.00	30.05 0.29 0.00	26.18 0.36 0.00	31.15 0.80 0.00	28.16 0.76 0.00	32.22 0.89 0.00	33.36 0.87 -0.22	39.18 0.85 0.00	33.24 0.54 0.00	21.23 0.24 0.00	24.40 0.26 0.00	24.83 0.23 0.00	29.43 0.31 0.00	36.61 0.40 -0.02	32.61 0.41 0.00	36.50 0.68 0.00	53.71 1.56 0.00	47.23 1.56 0.00	45.91 1.51 0.00	39.98 1.18 0.00	33.74 0.94 0.00	26.29 0.59 0.00	21.06 0.03 0.00
JENNISON____2 23626	39.27 0.54 0.00	31.75 0.65 0.00	30.05 0.29 0.00	26.18 0.36 0.00	31.15 0.80 0.00	28.16 0.76 0.00	32.22 0.89 0.00	33.36 0.87 -0.22	39.18 0.85 0.00	33.24 0.54 0.00	21.23 0.24 0.00	24.40 0.26 0.00	24.83 0.23 0.00	29.43 0.31 0.00	36.61 0.40 -0.02	32.61 0.41 0.00	36.50 0.68 0.00	53.71 1.56 0.00	47.23 1.56 0.00	45.91 1.51 0.00	39.98 1.18 0.00	33.74 0.94 0.00	26.29 0.59 0.00	21.06 0.03 0.00
JERICOHO_RISE_WT_PWR 323719	40.04 1.31 0.00	32.10 1.00 0.00	30.46 0.71 0.00	26.24 0.42 0.00	31.03 0.69 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.43 1.16 0.00	39.62 1.29 0.00	33.85 1.15 0.00	21.65 0.67 0.00	24.91 0.77 0.00	25.44 0.84 0.00	30.11 1.00 0.00	37.48 1.29 0.00	33.25 1.06 0.00	37.00 1.18 0.00	53.98 1.83 0.00	47.44 1.77 0.00	46.31 1.91 0.00	40.53 1.73 0.00	34.09 1.29 0.00	26.44 0.74 0.00	21.54 0.51 0.00
KATONAH__115KV_46KV_TB4 355592	40.13 1.39 0.00	32.28 1.18 0.00	30.88 1.12 0.00	26.81 0.99 0.00	31.37 1.03 0.00	28.25 0.85 0.00	32.39 1.05 0.00	33.55 1.29 0.00	39.95 1.63 0.00	34.21 1.51 0.00	22.04 1.06 0.00	25.34 1.20 0.00	32.12 1.29 -6.23	31.83 1.56 -1.15	38.64 2.02 -0.42	34.42 1.86 -0.37	37.99 2.02 -0.15	54.94 2.79 0.00	47.67 2.00 0.00	46.16 1.76 0.00	40.17 1.37 0.00	33.93 1.13 0.00	26.61 0.92 0.00	21.87 0.84 0.00
KCE_NY_1 323755	39.85 1.12 0.00	31.99 0.89 0.00	30.65 0.89 0.00	26.57 0.75 0.00	31.23 0.88 0.00	28.18 0.78 0.00	32.36 1.02 0.00	33.36 1.09 0.00	39.60 1.27 0.00	33.61 0.91 0.00	21.44 0.46 0.00	24.66 0.53 0.00	22.23 0.58 2.95	29.26 0.68 0.55	36.77 0.78 0.20	32.64 0.62 0.17	36.59 0.84 0.07	53.67 1.52 0.00	46.98 1.31 0.00	45.71 1.31 0.00	40.01 1.21 0.00	33.83 1.03 0.00	26.47 0.78 0.00	21.79 0.76 0.00
KCE_NY_6_ESR 323823	38.27 -0.46 0.00	30.52 -0.58 0.00	29.18 -0.58 0.00	25.20 -0.63 0.00	29.66 -0.69 0.00	26.88 -0.52 0.00	30.10 -1.24 0.00	30.74 -1.74 -0.21	36.54 -1.79 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.57 -0.57 0.00	23.93 -0.67 0.00	28.38 -0.74 0.00	35.19 -1.02 -0.02	30.72 -1.47 0.00	33.81 -2.01 0.00	48.62 -3.53 0.00	42.78 -2.89 0.00	41.32 -3.08 0.00	36.04 -2.76 0.00	30.66 -2.14 0.00	24.12 -1.58 0.00	19.45 -1.58 0.00
KEDC_PORT_JEFF_GT2 24210	40.36 1.63 0.00	32.25 1.15 0.00	30.73 0.96 0.00	26.59 0.77 0.00	31.02 0.67 0.00	27.93 0.53 0.00	34.10 0.89 -1.87	36.26 1.56 -2.44	40.12 1.79 0.00	34.34 1.64 0.00	22.30 1.31 -0.01	25.55 1.41 0.00	32.95 1.52 -6.83	41.19 1.92 -10.15	40.60 2.48 -1.92	36.25 2.29 -1.77	38.44 2.48 -0.15	55.38 3.23 0.00	47.83 2.16 0.00	46.25 1.86 0.00	36.68 1.09 3.21	33.55 0.75 0.00	26.31 0.62 0.00	21.80 0.77 0.00
KEDC_PORT_JEFF_GT3 24211	40.36 1.63 0.00	32.25 1.15 0.00	30.73 0.96 0.00	26.59 0.77 0.00	31.02 0.67 0.00	27.93 0.53 0.00	34.10 0.89 -1.87	36.26 1.56 -2.44	40.12 1.79 0.00	34.34 1.64 0.00	22.30 1.31 -0.01	25.55 1.41 0.00	32.95 1.52 -6.83	41.19 1.92 -10.15	40.60 2.48 -1.92	36.25 2.29 -1.77	38.44 2.48 -0.15	55.38 3.23 0.00	47.83 2.16 0.00	46.25 1.86 0.00	36.68 1.09 3.21	33.55 0.75 0.00	26.31 0.62 0.00	21.80 0.77 0.00
KEDC_GLWD_GT4 24219	40.50 1.76 0.00	32.50 1.40 0.00	31.04 1.28 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.32 0.92 0.00	34.43 1.23 -1.87	36.34 1.64 -2.44	40.34 2.01 0.00	34.57 1.87 0.00	22.35 1.37 -0.01	25.69 1.54 0.00	33.07 1.64 -6.83	41.27 1.99 -10.15	40.66 2.54 -1.92	36.27 2.31 -1.77	38.44 2.47 -0.15	55.44 3.29 0.00	47.70 2.03 0.00	46.19 1.79 0.00	38.68 1.50 1.62	33.98 1.18 0.00	26.63 0.93 0.00	21.96 0.92 0.00
KEDC_GLWD_GT5 24220	40.50 1.76 0.00	32.50 1.40 0.00	31.04 1.28 0.00	26.92 1.10 0.00	31.46 1.12 0.00	28.32 0.92 0.00	34.43 1.23 -1.87	36.34 1.64 -2.44	40.34 2.01 0.00	34.57 1.87 0.00	22.35 1.37 -0.01	25.69 1.54 0.00	33.07 1.64 -6.83	41.27 1.99 -10.15	40.66 2.54 -1.92	36.27 2.31 -1.77	38.44 2.47 -0.15	55.44 3.29 0.00	47.70 2.03 0.00	46.19 1.79 0.00	38.68 1.50 1.62	33.98 1.18 0.00	26.63 0.93 0.00	21.96 0.92 0.00
KENSICO____ 23655	40.17 1.43 0.00	32.27 1.16 0.00	30.86 1.10 0.00	26.78 0.96 0.00	31.33 0.99 0.00	28.21 0.82 0.00	32.33 0.99 0.00	33.50 1.23 0.00	39.88 1.55 0.00	34.15 1.45 0.00	22.02 1.03 0.00	25.31 1.17 0.00	31.65 1.26 -5.79	31.72 1.53 -1.07	38.58 1.99 -0.39	34.36 1.82 -0.34	37.92 1.96 -0.14	54.83 2.68 0.00	47.56 1.89 0.00	46.05 1.65 0.00	40.07 1.27 0.00	33.86 1.05 0.00	26.57 0.87 0.00	21.84 0.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.03 1.29 0.00	32.13 1.03 0.00	30.73 0.97 0.00	26.68 0.86 0.00	31.26 0.91 0.00	28.16 0.76 0.00	32.25 0.91 0.00	33.36 1.09 0.00	39.65 1.32 0.00	33.83 1.13 0.00	21.71 0.73 0.00	24.93 0.79 0.00	29.17 0.83 -3.74	30.84 1.03 -0.69	37.83 1.39 -0.25	33.74 1.33 -0.22	37.46 1.55 -0.09	54.48 2.33 0.00	47.51 1.84 0.00	46.17 1.77 0.00	40.18 1.38 0.00	33.91 1.11 0.00	26.58 0.89 0.00	21.81 0.77 0.00

KIAC_JFK_GT1 23816	40.18 1.45 0.00	32.25 1.15 0.00	30.87 1.11 0.00	26.82 1.00 0.00	31.33 0.98 0.00	28.19 0.79 0.00	32.27 0.93 0.00	33.45 1.18 0.00	39.84 1.51 0.00	34.19 1.49 0.00	22.12 1.14 0.00	25.42 1.28 0.00	32.15 1.34 -6.20	31.90 1.64 -1.15	38.75 2.13 -0.42	34.52 1.96 -0.36	38.05 2.08 -0.15	54.71 2.57 0.00	47.38 1.71 0.00	45.89 1.49 0.00	39.92 1.11 0.00	33.97 1.17 0.00	26.73 1.04 0.00	21.96 0.93 0.00
KIAC_JFK_GT2 23817	40.18 1.45 0.00	32.25 1.15 0.00	30.87 1.11 0.00	26.82 1.00 0.00	31.33 0.98 0.00	28.19 0.79 0.00	32.27 0.93 0.00	33.45 1.18 0.00	39.84 1.51 0.00	34.19 1.49 0.00	22.12 1.14 0.00	25.42 1.28 0.00	32.15 1.34 -6.20	31.90 1.64 -1.15	38.75 2.13 -0.42	34.52 1.96 -0.36	38.05 2.08 -0.15	54.71 2.57 0.00	47.38 1.71 0.00	45.89 1.49 0.00	39.92 1.11 0.00	33.97 1.17 0.00	26.73 1.04 0.00	21.96 0.93 0.00
KIAC_JFK____ 323774	40.18 1.45 0.00	32.25 1.15 0.00	30.87 1.11 0.00	26.82 1.00 0.00	31.32 0.98 0.00	28.19 0.79 0.00	32.27 0.93 0.00	33.45 1.18 0.00	39.84 1.52 0.00	34.19 1.49 0.00	22.12 1.14 0.00	25.42 1.28 0.00	32.15 1.34 -6.20	31.90 1.63 -1.15	38.74 2.13 -0.42	34.52 1.96 -0.36	38.04 2.07 -0.15	54.71 2.56 0.00	47.38 1.71 0.00	45.89 1.49 0.00	39.92 1.12 0.00	33.97 1.17 0.00	26.73 1.04 0.00	21.96 0.93 0.00
KINTIGH__24_KV_GSU 356498	38.07 -0.66 0.00	30.43 -0.67 0.00	29.11 -0.65 0.00	25.20 -0.62 0.00	29.66 -0.69 0.00	26.84 -0.55 0.00	30.15 -1.19 0.00	30.81 -1.65 -0.19	36.60 -1.73 0.00	31.80 -0.91 0.00	20.42 -0.56 0.00	23.54 -0.60 0.00	23.92 -0.67 0.00	28.31 -0.81 0.00	35.08 -1.13 -0.02	30.64 -1.56 0.00	33.76 -2.06 0.00	48.59 -3.56 0.00	42.76 -2.92 0.00	41.39 -3.01 0.00	36.19 -2.61 0.00	30.77 -2.04 0.00	24.22 -1.48 0.00	19.57 -1.46 0.00
KINTIGH____ 23543	38.05 -0.69 0.00	30.42 -0.68 0.00	29.09 -0.67 0.00	25.18 -0.64 0.00	29.64 -0.71 0.00	26.83 -0.57 0.00	30.14 -1.20 0.00	30.79 -1.67 -0.19	36.58 -1.75 0.00	31.78 -0.92 0.00	20.40 -0.58 0.00	23.52 -0.62 0.00	23.91 -0.69 0.00	28.29 -0.83 0.00	35.06 -1.16 -0.02	30.63 -1.57 0.00	33.74 -2.08 0.00	48.55 -3.60 0.00	42.73 -2.94 0.00	41.37 -3.03 0.00	36.17 -2.63 0.00	30.75 -2.05 0.00	24.19 -1.50 0.00	19.56 -1.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.89 2.16 0.00	32.73 1.62 0.00	31.00 1.24 0.00	26.65 0.82 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.14 1.87 0.00	40.26 1.94 0.00	34.38 1.68 0.00	21.96 0.97 0.00	25.26 1.11 0.00	25.87 1.26 0.00	30.64 1.52 0.00	38.17 1.98 0.00	33.87 1.67 0.00	37.72 1.90 0.00	55.12 2.97 0.00	48.43 2.77 0.00	47.34 2.94 0.00	41.43 2.63 0.00	34.84 2.03 0.00	26.97 1.28 0.00	21.97 0.94 0.00
LACHUTE____HYDRO 323717	41.29 2.56 0.00	33.36 2.25 0.00	32.14 2.38 0.00	27.71 1.89 0.00	32.39 2.04 0.00	29.34 1.94 0.00	33.95 2.61 0.00	35.05 2.78 0.00	41.17 2.85 0.00	34.73 2.03 0.00	21.99 1.01 0.00	25.34 1.19 0.00	23.07 1.33 2.86	30.29 1.70 0.53	38.11 2.11 0.19	33.74 1.71 0.17	37.94 2.19 0.07	55.77 3.62 0.00	48.78 3.11 0.00	48.02 3.62 0.00	42.27 3.47 0.00	35.70 2.89 0.00	27.70 2.00 0.00	22.97 1.94 0.00
LAWRNCALV_115KV_TB1 80681	39.72 0.99 0.00	31.90 0.80 0.00	30.46 0.70 0.00	26.36 0.54 0.00	31.05 0.71 0.00	28.16 0.76 0.00	32.26 0.93 0.00	33.27 0.92 -0.07	39.28 0.95 0.00	33.43 0.73 0.00	21.40 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.46 0.00	36.32 0.50 0.00	53.10 0.95 0.00	47.10 1.43 0.00	46.02 1.62 0.00	40.28 1.48 0.00	33.98 1.18 0.00	26.48 0.79 0.00	21.59 0.56 0.00
LEDERLE____ 23769	40.11 1.37 0.00	32.25 1.15 0.00	30.89 1.13 0.00	26.85 1.03 0.00	31.43 1.08 0.00	28.30 0.90 0.00	32.42 1.08 0.00	33.54 1.27 0.00	39.90 1.58 0.00	34.17 1.47 0.00	22.01 1.03 0.00	25.31 1.17 0.00	30.70 1.27 -4.83	31.58 1.57 -0.89	38.57 2.05 -0.33	34.35 1.88 -0.28	37.99 2.05 -0.12	54.99 2.84 0.00	47.72 2.05 0.00	46.21 1.81 0.00	40.18 1.38 0.00	33.94 1.13 0.00	26.64 0.94 0.00	21.88 0.85 0.00
LIGHTHSE_115KV_TB6 355974	38.81 0.08 0.00	31.16 0.05 0.00	29.78 0.02 0.00	25.81 -0.01 0.00	30.36 0.01 0.00	27.39 -0.01 0.00	31.34 0.00 0.00	32.78 -0.04 -0.55	38.00 -0.33 0.00	32.21 -0.49 0.00	20.57 -0.41 0.00	23.60 -0.54 0.00	24.03 -0.57 0.00	28.45 -0.67 -0.06	35.39 -0.86 -0.06	31.44 -0.75 0.00	34.96 -0.86 0.00	51.10 -1.05 0.00	45.39 -0.28 0.00	44.40 0.01 0.00	38.83 0.03 0.00	32.89 0.09 0.00	25.74 0.05 0.00	20.99 -0.05 0.00
LINDEN COGEN____ 23786	40.00 1.30 0.03	32.17 1.07 0.00	-302.54 1.03 333.33	23.10 0.93 3.65	-89.36 0.93 120.63	-573.12 0.72 601.25	-74.91 0.87 107.12	-641.53 1.12 674.91	23.10 1.42 16.65	22.94 1.42 11.18	-588.08 1.04 610.11	5.68 1.18 19.65	21.14 1.26 4.72	23.18 1.54 7.48	28.63 1.99 9.56	26.59 1.84 7.45	29.63 1.95 8.14	45.57 2.65 9.24	43.13 1.82 4.36	39.31 1.54 6.62	32.88 1.17 7.10	32.17 1.02 1.65	26.58 0.89 0.00	21.86 0.83 0.00
LINDHRST_69_KV_BK1 356055	40.80 2.06 0.00	32.67 1.57 0.00	31.13 1.37 0.00	26.94 1.12 0.00	31.45 1.11 0.00	28.30 0.90 0.00	34.50 1.30 -1.87	36.62 1.91 -2.44	40.59 2.26 0.00	34.75 2.05 0.00	22.53 1.54 -0.01	25.85 1.71 0.00	33.25 1.82 -6.83	41.51 2.24 -10.15	40.97 2.85 -1.92	36.55 2.59 -1.77	38.77 2.79 -0.15	55.86 3.71 0.00	48.23 2.56 0.00	46.67 2.27 0.00	37.31 1.52 3.02	33.93 1.13 0.00	26.61 0.92 0.00	22.03 0.99 0.00
LIPA_MISC_IPP 23656	40.05 1.31 0.00	31.99 0.89 0.00	30.47 0.71 0.00	26.37 0.55 0.00	30.77 0.43 0.00	27.70 0.30 0.00	33.86 0.65 -1.87	36.04 1.34 -2.44	39.81 1.48 0.00	34.07 1.37 0.00	22.14 1.15 -0.01	25.34 1.20 0.00	32.73 1.30 -6.83	40.95 1.68 -10.15	40.31 2.19 -1.92	36.00 2.04 -1.77	38.20 2.23 -0.15	55.02 2.87 0.00	47.54 1.87 0.00	45.97 1.57 0.00	36.42 0.83 3.22	33.34 0.54 0.00	26.16 0.47 0.00	21.68 0.65 0.00
LISF____SOLAR 323691	40.11 1.38 0.00	32.04 0.93 0.00	30.50 0.74 0.00	26.40 0.58 0.00	30.80 0.46 0.00	27.73 0.34 0.00	33.90 0.69 -1.87	36.09 1.38 -2.44	39.85 1.52 0.00	34.09 1.39 0.00	22.14 1.16 -0.01	25.35 1.20 0.00	32.74 1.31 -6.83	40.95 1.68 -10.15	40.32 2.20 -1.92	36.02 2.06 -1.77	38.23 2.26 -0.15	55.09 2.94 0.00	47.62 1.95 0.00	46.06 1.66 0.00	36.49 0.90 3.21	33.39 0.59 0.00	26.20 0.50 0.00	21.71 0.68 0.00
LITTLE FALLS____HYD 24013	38.87 0.13 0.00	31.28 0.18 0.00	30.00 0.24 0.00	26.04 0.23 0.00	30.54 0.20 0.00	27.60 0.20 0.00	31.67 0.33 0.00	32.65 0.38 0.00	38.19 -0.14 0.00	31.96 -0.73 0.00	20.49 -0.49 0.00	23.55 -0.59 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.27 -0.93 0.00	31.52 -0.68 0.00	35.38 -0.44 0.00	52.25 0.10 0.00	45.94 0.27 0.00	44.93 0.53 0.00	39.25 0.45 0.00	33.09 0.29 0.00	25.90 0.21 0.00	21.27 0.24 0.00

LITTLRIV_115KV_TB1 356100	40.19 1.45 0.00	32.28 1.18 0.00	30.82 1.06 0.00	26.67 0.85 0.00	31.43 1.09 0.00	28.50 1.10 0.00	32.67 1.33 0.00	33.69 1.34 -0.08	39.54 1.21 0.00	33.51 0.81 0.00	21.43 0.45 0.00	24.66 0.52 0.00	25.08 0.48 0.00	29.64 0.52 0.00	36.89 0.69 -0.01	32.70 0.50 0.00	36.36 0.55 0.00	53.34 1.20 0.00	47.69 2.02 0.00	46.70 2.30 0.00	40.86 2.06 0.00	34.45 1.65 0.00	26.84 1.14 0.00	21.86 0.82 0.00
LI_NEWBRDGE___DRP 323616	40.20 1.47 0.00	32.26 1.15 0.00	30.78 1.02 0.00	26.67 0.84 0.00	31.15 0.80 0.00	28.04 0.64 0.00	34.20 0.99 -1.87	36.31 1.60 -2.44	40.24 1.91 0.00	34.48 1.78 0.00	22.33 1.35 -0.01	25.63 1.49 0.00	33.01 1.58 -6.83	41.20 1.92 -10.15	40.55 2.44 -1.92	36.17 2.21 -1.77	38.30 2.33 -0.15	55.18 3.03 0.00	47.67 2.00 0.00	46.17 1.77 0.00	36.53 1.06 3.34	33.52 0.72 0.00	26.31 0.62 0.00	21.76 0.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.06 -0.67 0.00	30.46 -0.64 0.00	29.12 -0.64 0.00	25.18 -0.64 0.00	29.65 -0.69 0.00	26.86 -0.54 0.00	30.07 -1.27 0.00	30.56 -1.91 -0.20	36.28 -2.04 0.00	31.56 -1.14 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.69 -0.91 0.00	28.03 -1.09 0.00	34.72 -1.50 -0.02	30.16 -2.03 0.00	33.16 -2.66 0.00	47.66 -4.49 0.00	42.09 -3.58 0.00	40.77 -3.63 0.00	35.70 -3.11 0.00	30.36 -2.45 0.00	23.87 -1.83 0.00	19.26 -1.77 0.00
LOCKPORT___CC1 323769	38.05 -0.68 0.00	30.42 -0.69 0.00	29.08 -0.68 0.00	25.15 -0.67 0.00	29.62 -0.73 0.00	26.83 -0.57 0.00	30.03 -1.31 0.00	30.53 -1.94 -0.20	36.26 -2.07 0.00	31.55 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.70 -0.90 0.00	28.04 -1.08 0.00	34.73 -1.48 -0.02	30.17 -2.03 0.00	33.19 -2.63 0.00	47.68 -4.47 0.00	42.08 -3.59 0.00	40.76 -3.64 0.00	35.67 -3.13 0.00	30.35 -2.45 0.00	23.86 -1.83 0.00	19.26 -1.78 0.00
LOCKPORT___CC2 323770	38.05 -0.68 0.00	30.42 -0.69 0.00	29.08 -0.68 0.00	25.15 -0.67 0.00	29.62 -0.73 0.00	26.83 -0.57 0.00	30.03 -1.31 0.00	30.53 -1.94 -0.20	36.26 -2.07 0.00	31.55 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.70 -0.90 0.00	28.04 -1.08 0.00	34.73 -1.48 -0.02	30.17 -2.03 0.00	33.19 -2.63 0.00	47.68 -4.47 0.00	42.08 -3.59 0.00	40.76 -3.64 0.00	35.67 -3.13 0.00	30.35 -2.45 0.00	23.86 -1.83 0.00	19.26 -1.78 0.00
LOCKPORT___CC3 323771	38.05 -0.68 0.00	30.42 -0.69 0.00	29.08 -0.68 0.00	25.15 -0.67 0.00	29.62 -0.73 0.00	26.83 -0.57 0.00	30.03 -1.31 0.00	30.53 -1.94 -0.20	36.26 -2.07 0.00	31.55 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.70 -0.90 0.00	28.04 -1.08 0.00	34.73 -1.48 -0.02	30.17 -2.03 0.00	33.19 -2.63 0.00	47.68 -4.47 0.00	42.08 -3.59 0.00	40.76 -3.64 0.00	35.67 -3.13 0.00	30.35 -2.45 0.00	23.86 -1.83 0.00	19.26 0.00 0.00
LOCUSVLY_69_KV_BK2 55797	40.57 1.84 0.00	32.55 1.45 0.00	31.07 1.31 0.00	26.92 1.10 0.00	31.45 1.11 0.00	28.32 0.92 0.00	34.45 1.24 -1.87	36.44 1.73 -2.44	40.41 2.08 0.00	34.65 1.95 0.00	22.44 1.45 -0.01	25.77 1.62 0.00	33.15 1.72 -6.83	41.38 2.11 -10.15	40.78 2.67 -1.92	36.37 2.42 -1.77	38.55 2.58 -0.15	55.56 3.41 0.00	47.95 2.28 0.00	46.44 2.04 0.00	38.23 1.49 2.06	33.94 1.14 0.00	26.61 0.91 0.00	21.98 0.95 0.00
LONG_LAKE_PHOENIX 24014	38.51 -0.23 0.00	30.86 -0.24 0.00	29.52 -0.24 0.00	25.60 -0.22 0.00	30.08 -0.26 0.00	27.16 -0.23 0.00	31.02 -0.32 0.00	32.17 -0.40 -0.30	37.81 -0.52 0.00	32.17 -0.53 0.00	20.59 -0.39 0.00	23.66 -0.48 0.00	24.12 -0.48 0.00	28.54 -0.58 0.00	35.46 -0.77 -0.03	31.54 -0.65 0.00	35.11 -0.71 0.00	51.31 -0.84 0.00	45.21 -0.46 0.00	43.98 -0.42 0.00	38.39 -0.42 0.00	32.47 -0.33 0.00	25.45 -0.24 0.00	20.75 -0.28 0.00
LOVETT___3 23632	39.93 1.20 0.00	32.10 1.00 0.00	30.74 0.98 0.00	26.71 0.89 0.00	31.26 0.91 0.00	28.16 0.76 0.00	32.24 0.90 0.00	33.37 1.11 0.00	39.71 1.38 0.00	34.01 1.30 0.00	21.91 0.93 0.00	25.19 1.05 0.00	30.68 1.14 -4.94	31.44 1.40 -0.91	38.36 1.83 -0.33	34.16 1.67 -0.29	37.75 1.81 -0.12	54.63 2.48 0.00	47.41 1.73 0.00	45.91 1.51 0.00	39.94 1.13 0.00	33.74 0.93 0.00	26.48 0.79 0.00	21.77 0.74 0.00
LOVETT___4 23642	39.93 1.20 0.00	32.10 1.00 0.00	30.74 0.98 0.00	26.71 0.89 0.00	31.26 0.91 0.00	28.16 0.76 0.00	32.24 0.90 0.00	33.37 1.11 0.00	39.71 1.38 0.00	34.01 1.30 0.00	21.91 0.93 0.00	25.19 1.05 0.00	30.68 1.14 -4.94	31.44 1.40 -0.91	38.36 1.83 -0.33	34.16 1.67 -0.29	37.75 1.81 -0.12	54.63 2.48 0.00	47.41 1.73 0.00	45.91 1.51 0.00	39.94 1.13 0.00	33.74 0.93 0.00	26.48 0.79 0.00	21.77 0.74 0.00
LOVETT___5 23593	39.93 1.20 0.00	32.10 1.00 0.00	30.74 0.98 0.00	26.71 0.89 0.00	31.26 0.91 0.00	28.16 0.76 0.00	32.24 0.90 0.00	33.37 1.11 0.00	39.71 1.38 0.00	34.01 1.30 0.00	21.91 0.93 0.00	25.19 1.05 0.00	30.68 1.14 -4.94	31.44 1.40 -0.91	38.36 1.83 -0.33	34.16 1.67 -0.29	37.75 1.81 -0.12	54.63 2.48 0.00	47.41 1.73 0.00	45.91 1.51 0.00	39.94 1.13 0.00	33.74 0.93 0.00	26.48 0.79 0.00	21.77 0.74 0.00
LOWER RAQUET___HYD 24057	39.81 1.08 0.00	31.98 0.87 0.00	30.52 0.76 0.00	26.41 0.59 0.00	31.11 0.77 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.36 1.01 -0.08	39.33 1.00 0.00	33.46 0.76 0.00	21.41 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.45 0.00	36.32 0.50 0.00	53.15 1.00 0.00	47.20 1.54 0.00	46.16 1.76 0.00	40.40 1.60 0.00	34.08 1.27 0.00	26.55 0.86 0.00	21.64 0.60 0.00
LOWER___HUDSON 24059	39.31 0.57 0.00	31.60 0.49 0.00	30.26 0.49 0.00	26.27 0.45 0.00	30.81 0.46 0.00	27.81 0.41 0.00	31.92 0.58 0.00	32.94 0.67 0.00	39.10 0.77 0.00	33.21 0.50 0.00	21.26 0.27 0.00	24.44 0.30 0.00	21.20 0.35 3.75	28.82 0.39 0.69	36.38 0.44 0.25	32.37 0.39 0.22	36.22 0.49 0.09	52.89 0.74 0.00	46.22 0.55 0.00	44.99 0.59 0.00	39.45 0.65 0.00	33.37 0.57 0.00	26.13 0.44 0.00	21.55 0.52 0.00
LOWVILLE_115KV_TB2 356335	40.05 1.32 0.00	32.18 1.08 0.00	30.77 1.01 0.00	26.63 0.81 0.00	31.34 0.99 0.00	28.31 0.91 0.00	32.47 1.13 0.00	33.63 1.17 -0.19	39.22 0.89 0.00	33.05 0.35 0.00	21.08 0.10 0.00	24.11 -0.03 0.00	24.55 -0.05 0.00	29.05 -0.07 0.00	36.15 -0.06 -0.02	32.13 -0.07 0.00	35.78 -0.04 0.00	52.56 0.41 0.00	47.05 1.38 0.00	46.27 1.87 0.00	40.44 1.64 0.00	34.19 1.39 0.00	26.71 1.02 0.00	21.75 0.72 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.84 1.10 0.00	32.00 0.89 0.00	30.65 0.89 0.00	26.58 0.76 0.00	31.21 0.87 0.00	28.17 0.77 0.00	32.34 1.01 0.00	33.36 1.09 0.00	39.60 1.27 0.00	33.60 0.90 0.00	21.44 0.46 0.00	24.66 0.51 0.00	22.21 0.56 2.95	29.23 0.65 0.55	36.73 0.74 0.20	32.62 0.60 0.17	36.56 0.81 0.07	53.60 1.45 0.00	46.93 1.26 0.00	45.72 1.32 0.00	40.02 1.21 0.00	33.83 1.03 0.00	26.48 0.79 0.00	21.79 0.76 0.00

LUTHERNY_35_KV_BK2 355980	39.85 1.12 0.00	31.99 0.89 0.00	30.65 0.89 0.00	26.57 0.75 0.00	31.23 0.88 0.00	28.18 0.78 0.00	32.36 1.02 0.00	33.36 1.09 0.00	39.60 1.27 0.00	33.61 0.91 0.00	21.44 0.46 0.00	24.67 0.53 0.00	22.23 0.58 2.95	29.26 0.69 0.55	36.77 0.78 0.20	32.64 0.62 0.17	36.59 0.84 0.07	53.67 1.53 0.00	46.98 1.31 0.00	45.71 1.31 0.00	40.01 1.21 0.00	33.83 1.03 0.00	26.47 0.78 0.00	21.79 0.76 0.00
LWR___OSWEGATCHIE_HYD 23850	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.94 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.36 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 0.00	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
LYONS_FALL_HYD 23570	39.80 1.07 0.00	31.97 0.87 0.00	30.59 0.83 0.00	26.50 0.67 0.00	31.16 0.82 0.00	28.14 0.74 0.00	32.26 0.92 0.00	33.37 0.96 -0.15	39.09 0.76 0.00	33.06 0.36 0.00	21.11 0.13 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.15 0.03 0.00	36.26 0.05 -0.02	32.25 0.06 0.00	35.96 0.14 0.00	52.77 0.62 0.00	46.90 1.23 0.00	45.93 1.53 0.00	40.13 1.33 0.00	33.92 1.12 0.00	26.51 0.82 0.00	21.62 0.58 0.00
MADISON___COUNTY_LFGE 323628	39.46 0.73 0.00	31.67 0.57 0.00	30.32 0.55 0.00	26.31 0.48 0.00	30.91 0.57 0.00	27.90 0.50 0.00	31.95 0.62 0.00	33.08 0.62 -0.19	38.80 0.47 0.00	32.91 0.21 0.00	21.06 0.07 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.18 0.06 0.00	36.29 0.08 -0.02	32.31 0.11 0.00	36.07 0.25 0.00	52.85 0.71 0.00	46.63 0.96 0.00	45.44 1.04 0.00	39.64 0.84 0.00	33.51 0.71 0.00	26.22 0.53 0.00	21.38 0.35 0.00
MALONE___115KV_TB1 356076	40.39 1.65 0.00	32.38 1.27 0.00	30.77 1.01 0.00	26.54 0.72 0.00	31.37 1.03 0.00	28.58 1.18 0.00	32.80 1.46 0.00	33.80 1.53 0.00	39.99 1.65 0.00	34.10 1.40 0.00	21.79 0.80 0.00	25.05 0.91 0.00	25.55 0.95 0.00	30.23 1.11 0.00	37.61 1.42 0.00	33.35 1.15 0.00	37.13 1.31 0.00	54.31 2.16 0.00	47.92 2.25 0.00	46.88 2.48 0.00	41.05 2.25 0.00	34.51 1.71 0.00	26.78 1.08 0.00	21.80 0.76 0.00
MAPLEWOD_115KV_TB3 80458	39.04 0.31 0.00	31.40 0.29 0.00	30.06 0.30 0.00	26.11 0.28 0.00	30.62 0.27 0.00	27.65 0.25 0.00	31.69 0.35 0.00	32.70 0.43 0.00	38.79 0.46 0.00	32.97 0.27 0.00	21.17 0.19 0.00	24.33 0.19 0.00	22.10 0.23 2.73	28.85 0.23 0.51	36.25 0.24 0.18	32.31 0.28 0.16	36.10 0.35 0.07	52.62 0.47 0.00	45.99 0.32 0.00	44.72 0.32 0.00	39.16 0.36 0.00	33.15 0.34 0.00	25.97 0.27 0.00	21.39 0.36 0.00
MAPLE_RIDGE_WT_1 323574	38.66 -0.08 0.00	31.06 -0.04 0.00	29.73 -0.04 0.00	25.75 -0.07 0.00	30.27 -0.07 0.00	27.38 -0.02 0.00	31.37 0.03 0.00	32.30 0.03 0.00	38.39 0.06 0.00	32.78 0.08 0.00	21.02 0.04 0.00	24.19 0.05 0.00	24.65 0.04 0.00	29.18 0.06 0.00	36.27 0.07 0.00	32.23 0.04 0.00	35.86 0.04 0.00	52.23 0.08 0.00	45.80 0.12 0.00	44.53 0.13 0.00	38.88 0.08 0.00	32.90 0.10 0.00	25.75 0.06 0.00	21.08 0.04 0.00
MAPLE_RIDGE_WT_2 323611	38.66 -0.08 0.00	31.06 -0.04 0.00	29.73 -0.04 0.00	25.75 -0.07 0.00	30.27 -0.07 0.00	27.38 -0.02 0.00	31.37 0.03 0.00	32.30 0.03 0.00	38.39 0.06 0.00	32.78 0.08 0.00	21.02 0.04 0.00	24.19 0.05 0.00	24.65 0.04 0.00	29.18 0.06 0.00	36.27 0.07 0.00	32.23 0.04 0.00	35.86 0.04 0.00	52.23 0.08 0.00	45.80 0.12 0.00	44.53 0.13 0.00	38.88 0.08 0.00	32.90 0.10 0.00	25.75 0.06 0.00	21.08 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	40.92 2.18 0.00	32.73 1.63 0.00	30.89 1.12 0.00	26.48 0.66 0.00	31.50 1.15 0.00	28.84 1.44 0.00	33.17 1.83 0.00	34.17 1.90 0.00	40.33 2.00 0.00	34.48 1.78 0.00	22.00 1.02 0.00	25.31 1.17 0.00	25.97 1.36 0.00	30.77 1.65 0.00	38.34 2.15 0.00	34.02 1.82 0.00	37.88 2.06 0.00	55.33 3.18 0.00	48.45 2.78 0.00	47.31 2.92 0.00	41.41 2.61 0.00	34.78 1.98 0.00	26.86 1.16 0.00	21.87 0.84 0.00
MARSHVLE_115KV_TB1 80742	40.39 1.66 0.00	32.42 1.32 0.00	30.99 1.22 0.00	26.84 1.02 0.00	31.59 1.25 0.00	28.54 1.14 0.00	32.63 1.30 0.00	33.43 1.16 0.00	39.00 0.68 0.00	33.08 0.38 0.00	21.14 0.16 0.00	24.32 0.18 0.00	23.09 0.19 1.70	29.02 0.21 0.31	36.40 0.32 0.11	32.42 0.33 0.10	36.22 0.43 0.04	53.48 1.34 0.00	47.57 1.91 0.00	46.53 2.13 0.00	40.63 1.83 0.00	34.13 1.32 0.00	26.66 0.97 0.00	21.72 0.69 0.00
MARSH_HILL_WT_PWR 323713	38.06 -0.67 0.00	30.17 -0.93 0.00	28.68 -1.09 0.00	24.88 -0.94 0.00	29.35 -1.00 0.00	26.67 -0.73 0.00	30.07 -1.27 0.00	30.82 -1.70 -0.25	36.24 -2.09 0.00	31.39 -1.31 0.00	20.18 -0.80 0.00	23.25 -0.89 0.00	23.67 -0.93 0.00	28.20 -0.92 0.00	35.06 -1.16 -0.03	30.90 -1.29 0.00	34.26 -1.56 0.00	49.98 -2.17 0.00	44.14 -1.53 0.00	42.47 -1.93 0.00	36.68 -2.12 0.00	31.09 -1.72 0.00	24.47 -1.22 0.00	19.63 -1.40 0.00
MCINTYRE_115KV_TB2 80467	40.27 1.54 0.00	32.36 1.26 0.00	30.91 1.15 0.00	26.75 0.93 0.00	31.51 1.16 0.00	28.56 1.16 0.00	32.75 1.41 0.00	33.76 1.42 -0.07	39.55 1.22 0.00	33.54 0.83 0.00	21.46 0.48 0.00	24.69 0.55 0.00	25.12 0.51 0.00	29.67 0.55 0.00	36.95 0.75 -0.01	32.74 0.55 0.00	36.42 0.59 0.00	53.31 1.16 0.00	47.79 2.13 0.00	46.83 2.42 0.00	40.96 2.16 0.00	34.54 1.74 0.00	26.90 1.20 0.00	21.91 0.88 0.00
MECO_____69_KV_BK1 80468	40.61 1.88 0.00	32.59 1.49 0.00	31.15 1.39 0.00	27.00 1.18 0.00	31.74 1.40 0.00	28.66 1.26 0.00	32.83 1.49 0.00	33.72 1.45 0.00	39.23 0.91 0.00	32.85 0.15 0.00	20.90 -0.08 0.00	24.02 -0.12 0.00	22.61 -0.09 1.90	28.62 -0.15 0.35	35.90 -0.16 0.13	32.06 -0.03 0.11	35.91 0.13 0.05	53.43 1.28 0.00	47.77 2.10 0.00	46.83 2.42 0.00	40.93 2.12 0.00	34.44 1.63 0.00	26.91 1.21 0.00	21.96 0.93 0.00
MENANDS___115KV_TB5 355628	38.78 0.05 0.00	31.20 0.10 0.00	29.88 0.12 0.00	25.96 0.14 0.00	30.44 0.09 0.00	27.50 0.10 0.00	31.52 0.18 0.00	32.52 0.25 0.00	38.59 0.26 0.00	32.82 0.12 0.00	21.09 0.11 0.00	24.24 0.10 0.00	22.03 0.15 2.73	28.75 0.13 0.50	36.11 0.10 0.18	32.20 0.17 0.16	35.95 0.20 0.07	52.32 0.17 0.00	45.67 0.00 0.00	44.41 0.01 0.00	38.90 0.10 0.00	32.94 0.13 0.00	25.82 0.12 0.00	21.28 0.24 0.00
MG INDUSTRY___DRP 24185	38.30 -0.43 0.00	31.00 -0.11 0.00	30.07 0.31 0.00	26.12 0.30 0.00	30.65 0.31 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.65 0.39 0.00	38.60 0.28 0.00	32.76 0.06 0.00	21.04 0.06 0.00	24.19 0.05 0.00	23.24 0.09 1.46	28.93 0.07 0.27	36.15 0.05 0.10	32.21 0.10 0.08	35.91 0.13 0.04	52.45 0.30 0.00	45.90 0.23 0.00	44.64 0.24 0.00	39.07 0.27 0.00	33.08 0.28 0.00	25.94 0.24 0.00	21.34 0.31 0.00

MID___OSWEGATCHIE_HYD 23849	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.94 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.36 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 0.00	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
MID___RAQUETTE_HYD 23851	39.81 1.08 0.00	31.98 0.88 0.00	30.52 0.76 0.00	26.41 0.59 0.00	31.11 0.77 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.36 1.01 -0.08	39.34 1.01 0.00	33.46 0.76 0.00	21.41 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.45 0.00	36.32 0.50 0.00	53.15 1.00 0.00	47.21 1.54 0.00	46.16 1.76 0.00	40.40 1.60 0.00	34.08 1.27 0.00	26.55 0.86 0.00	21.64 0.60 0.00
MILLIKEN___1 23584	39.03 0.29 0.00	31.26 0.16 0.00	29.89 0.12 0.00	25.92 0.10 0.00	30.49 0.15 0.00	27.54 0.15 0.00	31.47 0.13 0.00	32.70 0.07 -0.36	38.26 -0.07 0.00	32.49 -0.21 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.79 -0.33 0.00	35.81 -0.42 -0.04	31.86 -0.34 0.00	35.54 -0.28 0.00	52.07 -0.08 0.00	45.94 0.27 0.00	44.71 0.31 0.00	38.97 0.16 0.00	32.96 0.16 0.00	25.83 0.13 0.00	21.00 -0.03 0.00
MILLIKEN___2 23585	39.03 0.29 0.00	31.26 0.16 0.00	29.89 0.12 0.00	25.92 0.10 0.00	30.49 0.15 0.00	27.54 0.15 0.00	31.47 0.13 0.00	32.70 0.07 -0.36	38.26 -0.07 0.00	32.49 -0.21 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.79 -0.33 0.00	35.81 -0.42 -0.04	31.86 -0.34 0.00	35.54 -0.28 0.00	52.07 -0.08 0.00	45.94 0.27 0.00	44.71 0.31 0.00	38.97 0.16 0.00	32.96 0.16 0.00	25.83 0.13 0.00	21.00 -0.03 0.00
MILLIKEN___DIESEL 23629	39.03 0.29 0.00	31.26 0.16 0.00	29.89 0.12 0.00	25.92 0.10 0.00	30.49 0.15 0.00	27.54 0.15 0.00	31.47 0.13 0.00	32.70 0.07 -0.36	38.26 -0.07 0.00	32.49 -0.21 0.00	20.76 -0.22 0.00	23.86 -0.28 0.00	24.29 -0.31 0.00	28.79 -0.33 0.00	35.81 -0.42 -0.04	31.86 -0.34 0.00	35.54 -0.28 0.00	52.07 -0.08 0.00	45.94 0.27 0.00	44.71 0.31 0.00	38.97 0.16 0.00	32.96 0.16 0.00	25.83 0.13 0.00	21.00 -0.03 0.00
MILLSEAT___LFGE 323607	38.85 0.12 0.00	31.05 -0.05 0.00	29.68 -0.08 0.00	25.67 -0.15 0.00	30.23 -0.12 0.00	27.37 -0.02 0.00	30.76 -0.57 0.00	31.36 -1.11 -0.20	37.11 -1.22 0.00	31.98 -0.72 0.00	20.45 -0.53 0.00	23.54 -0.60 0.00	23.90 -0.70 0.00	28.29 -0.83 0.00	35.05 -1.17 -0.02	30.59 -1.61 0.00	33.77 -2.05 0.00	48.97 -3.17 0.00	43.50 -2.17 0.00	42.30 -2.09 0.00	36.99 -1.82 0.00	31.39 -1.42 0.00	24.64 -1.06 0.00	19.88 -1.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.08 1.34 0.00	32.20 1.10 0.00	30.80 1.04 0.00	26.74 0.92 0.00	31.28 0.94 0.00	28.17 0.77 0.00	32.28 0.94 0.00	33.44 1.17 0.00	39.79 1.46 0.00	34.07 1.37 0.00	21.96 0.98 0.00	25.24 1.10 0.00	31.15 1.19 -5.36	31.56 1.45 -0.99	38.45 1.89 -0.36	34.23 1.73 -0.31	37.82 1.87 -0.13	54.70 2.55 0.00	47.46 1.79 0.00	45.96 1.56 0.00	39.99 1.19 0.00	33.79 0.99 0.00	26.52 0.82 0.00	21.81 0.78 0.00
MILLWOOD_13_KV_LOAD 356217	40.14 1.41 0.00	32.24 1.14 0.00	30.84 1.08 0.00	26.77 0.95 0.00	31.33 0.98 0.00	28.21 0.81 0.00	32.33 0.99 0.00	33.48 1.21 0.00	39.85 1.52 0.00	34.12 1.42 0.00	21.98 1.00 0.00	25.28 1.14 0.00	31.18 1.22 -5.36	31.60 1.49 -0.99	38.49 1.93 -0.36	34.28 1.78 -0.31	37.87 1.92 -0.13	54.79 2.65 0.00	47.55 1.88 0.00	46.04 1.64 0.00	40.06 1.26 0.00	33.84 1.04 0.00	26.56 0.86 0.00	21.83 0.80 0.00
MODEL_CITY_ENERGY 24167	37.81 -0.93 0.00	30.27 -0.84 0.00	28.95 -0.81 0.00	25.03 -0.79 0.00	29.48 -0.87 0.00	26.71 -0.69 0.00	29.88 -1.46 0.00	30.33 -2.14 -0.20	36.02 -2.31 0.00	31.36 -1.34 0.00	20.13 -0.85 0.00	23.21 -0.93 0.00	23.56 -1.05 0.00	27.86 -1.26 0.00	34.50 -1.72 -0.02	29.92 -2.28 0.00	32.88 -2.94 0.00	47.17 -4.98 0.00	41.64 -4.03 0.00	40.34 -4.06 0.00	35.32 -3.48 0.00	30.05 -2.75 0.00	23.63 -2.06 0.00	19.08 -1.96 0.00
MODERN_LFGE___ 323580	37.81 -0.93 0.00	30.27 -0.84 0.00	28.95 -0.81 0.00	25.03 -0.79 0.00	29.48 -0.87 0.00	26.71 -0.69 0.00	29.88 -1.46 0.00	30.33 -2.14 -0.20	36.02 -2.31 0.00	31.36 -1.34 0.00	20.13 -0.85 0.00	23.21 -0.93 0.00	23.56 -1.05 0.00	27.86 -1.26 0.00	34.50 -1.72 -0.02	29.92 -2.28 0.00	32.88 -2.94 0.00	47.17 -4.98 0.00	41.64 -4.03 0.00	40.34 -4.06 0.00	35.32 -3.48 0.00	30.05 -2.75 0.00	23.63 -2.06 0.00	19.08 -1.96 0.00
MOHAWK_PAPER___DRP 24187	39.04 0.31 0.00	31.40 0.29 0.00	30.06 0.30 0.00	26.11 0.28 0.00	30.62 0.27 0.00	27.65 0.25 0.00	31.69 0.35 0.00	32.70 0.43 0.00	38.79 0.46 0.00	32.97 0.27 0.00	21.17 0.19 0.00	24.33 0.19 0.00	22.10 0.23 2.73	28.85 0.23 0.51	36.25 0.24 0.18	32.31 0.28 0.16	36.10 0.35 0.07	52.62 0.47 0.00	45.99 0.32 0.00	44.72 0.32 0.00	39.16 0.36 0.00	33.15 0.34 0.00	25.97 0.27 0.00	21.39 0.36 0.00
MOHICAN___35_KV_115KV_LD 80490	39.97 1.23 0.00	32.12 1.02 0.00	30.84 1.08 0.00	26.69 0.87 0.00	31.31 0.96 0.00	28.29 0.89 0.00	32.56 1.22 0.00	33.61 1.34 0.00	40.07 1.74 0.00	33.93 1.23 0.00	21.55 0.57 0.00	24.79 0.65 0.00	22.41 0.70 2.90	29.40 0.82 0.54	36.83 0.83 0.20	32.56 0.54 0.17	36.55 0.80 0.07	53.80 1.65 0.00	47.13 1.45 0.00	46.07 1.67 0.00	40.38 1.57 0.00	34.10 1.30 0.00	26.67 0.98 0.00	21.98 0.95 0.00
MONGAUP___HYD 23641	39.99 1.25 0.00	32.08 0.98 0.00	30.71 0.95 0.00	26.67 0.85 0.00	31.26 0.92 0.00	28.18 0.78 0.00	32.26 0.92 0.00	33.33 1.06 0.00	39.44 1.11 0.00	33.46 0.76 0.00	21.50 0.52 0.00	24.70 0.56 0.00	29.28 0.62 -4.05	30.63 0.76 -0.75	37.48 1.01 -0.28	33.39 0.96 -0.24	36.98 1.07 -0.10	53.94 1.80 0.00	47.34 1.67 0.00	46.13 1.73 0.00	40.17 1.37 0.00	33.91 1.11 0.00	26.58 0.89 0.00	21.80 0.77 0.00
MONTAUK___DIESEL 23721	39.49 0.75 0.00	31.38 0.28 0.00	29.90 0.14 0.00	25.90 0.08 0.00	30.26 -0.08 0.00	27.34 -0.06 0.00	33.60 0.39 -1.87	35.78 1.07 -2.44	39.42 1.10 0.00	34.13 1.43 0.00	22.30 1.31 -0.01	25.63 1.49 0.00	33.18 1.74 -6.83	41.63 2.35 -10.15	41.28 3.16 -1.92	37.05 3.09 -1.77	39.48 3.51 -0.15	56.98 4.83 0.00	49.14 3.47 0.00	47.16 2.76 0.00	37.18 1.59 3.22	33.93 1.12 0.00	26.68 0.98 0.00	22.12 1.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.13 -0.60 0.00	30.40 -0.71 0.00	29.06 -0.71 0.00	24.96 -0.86 0.00	29.28 -1.06 0.00	26.60 -0.80 0.00	29.87 -1.47 0.00	30.43 -2.06 -0.21	36.18 -2.14 0.00	31.83 -0.87 0.00	20.65 -0.33 0.00	23.90 -0.24 0.00	24.34 -0.26 0.00	28.95 -0.17 0.00	35.93 -0.28 -0.02	31.53 -0.67 0.00	34.76 -1.06 0.00	50.01 -2.14 0.00	43.69 -1.98 0.00	41.97 -2.43 0.00	36.23 -2.57 0.00	30.56 -2.24 0.00	23.98 -1.72 0.00	19.20 -1.84 0.00

MORRIS RIDGE___SOLAR 323848	38.03 -0.71 0.00	30.31 -0.79 0.00	28.94 -0.82 0.00	24.99 -0.83 0.00	29.43 -0.92 0.00	26.69 -0.71 0.00	30.12 -1.22 0.00	30.86 -1.64 -0.24	36.26 -2.07 0.00	31.17 -1.54 0.00	20.00 -0.98 0.00	23.07 -1.07 0.00	23.46 -1.14 0.00	27.89 -1.23 0.00	34.65 -1.57 -0.02	30.47 -1.73 0.00	33.69 -2.12 0.00	48.99 -3.16 0.00	43.38 -2.29 0.00	41.91 -2.49 0.00	36.35 -2.45 0.00	30.91 -1.90 0.00	24.33 -1.37 0.00	19.58 -1.45 0.00
MORTIMER_115KV_TB3 55949	38.62 -0.12 0.00	30.89 -0.22 0.00	29.52 -0.24 0.00	25.57 -0.25 0.00	30.09 -0.26 0.00	27.21 -0.19 0.00	30.84 -0.50 0.00	31.73 -0.74 -0.20	37.48 -0.85 0.00	32.18 -0.52 0.00	20.63 -0.35 0.00	23.76 -0.38 0.00	24.18 -0.42 0.00	28.63 -0.49 0.00	35.52 -0.70 -0.02	31.34 -0.85 0.00	34.79 -1.03 0.00	50.58 -1.56 0.00	44.61 -1.06 0.00	43.31 -1.09 0.00	37.81 -1.00 0.00	32.01 -0.79 0.00	25.09 -0.60 0.00	20.36 -0.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.27 1.54 0.00	32.35 1.25 0.00	30.95 1.19 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.59 1.33 0.00	40.00 1.67 0.00	34.31 1.60 0.00	22.14 1.16 0.00	25.46 1.31 0.00	32.23 1.40 -6.22	31.97 1.70 -1.15	38.82 2.20 -0.42	34.57 2.02 -0.36	38.13 2.16 -0.15	55.07 2.92 0.00	47.72 2.05 0.00	46.20 1.80 0.00	40.20 1.39 0.00	33.99 1.19 0.00	26.68 0.99 0.00	21.93 0.90 0.00
MUNSVILLE_WIND_PWR 323609	40.24 1.50 0.00	32.43 1.33 0.00	30.78 1.02 0.00	26.76 0.94 0.00	31.73 1.39 0.00	28.73 1.33 0.00	32.92 1.58 0.00	34.12 1.60 -0.25	39.79 1.46 0.00	33.52 0.82 0.00	21.33 0.35 0.00	24.49 0.35 0.00	24.90 0.29 0.00	29.52 0.40 0.00	36.73 0.51 -0.03	32.73 0.54 0.00	36.83 1.01 0.00	54.64 2.50 0.00	48.38 2.71 0.00	47.10 2.70 0.00	40.97 2.17 0.00	34.55 1.74 0.00	26.93 1.24 0.00	21.63 0.60 0.00
N SALMON___HYD 24042	40.39 1.65 0.00	32.38 1.28 0.00	30.76 1.01 0.00	26.54 0.72 0.00	31.37 1.03 0.00	28.58 1.18 0.00	32.80 1.47 0.00	33.80 1.53 0.00	39.98 1.65 0.00	34.10 1.40 0.00	21.78 0.80 0.00	25.05 0.91 0.00	25.55 0.95 0.00	30.23 1.11 0.00	37.61 1.42 0.00	33.34 1.15 0.00	37.13 1.31 0.00	54.31 2.16 0.00	47.92 2.25 0.00	46.88 2.48 0.00	41.05 2.24 0.00	34.51 1.71 0.00	26.78 1.08 0.00	21.80 0.76 0.00
N.AKRON__115KV_KNAPP 355671	38.96 0.22 0.00	31.13 0.03 0.00	29.75 -0.02 0.00	25.73 -0.09 0.00	30.29 -0.05 0.00	27.44 0.04 0.00	30.84 -0.50 0.00	31.44 -1.03 -0.20	37.20 -1.12 0.00	32.06 -0.64 0.00	20.51 -0.47 0.00	23.60 -0.55 0.00	23.95 -0.65 0.00	28.34 -0.77 0.00	35.12 -1.09 -0.02	30.64 -1.55 0.00	33.82 -2.00 0.00	49.14 -3.01 0.00	43.58 -2.09 0.00	42.37 -2.03 0.00	37.05 -1.75 0.00	31.44 -1.36 0.00	24.67 -1.02 0.00	19.91 -1.12 0.00
N.E_GEN_SANDY PD 24062	39.20 0.58 0.11	31.60 0.50 0.00	30.25 0.48 0.00	26.28 0.47 0.00	30.78 0.43 0.00	27.76 0.36 0.00	31.87 0.54 0.00	32.95 0.68 0.00	39.16 0.83 0.00	33.35 0.65 0.00	21.41 0.43 0.00	24.63 0.49 0.00	3.16 0.54 21.99	25.68 0.63 4.07	35.51 0.80 1.49	31.62 0.71 1.29	35.23 0.77 1.36	52.50 0.98 0.63	46.30 0.63 0.00	44.57 0.60 0.42	37.87 0.60 1.53	33.34 0.54 0.00	26.04 0.42 0.08	21.70 0.53 -0.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.97 1.24 0.00	32.14 1.04 0.00	30.79 1.03 0.00	26.76 0.94 0.00	31.32 0.97 0.00	28.20 0.81 0.00	32.29 0.96 0.00	33.42 1.15 0.00	39.77 1.44 0.00	34.04 1.34 0.00	21.93 0.95 0.00	25.22 1.08 0.00	30.65 1.18 -4.87	31.47 1.45 -0.90	38.43 1.90 -0.33	34.22 1.74 -0.29	37.83 1.90 -0.12	54.75 2.60 0.00	47.51 1.84 0.00	46.03 1.63 0.00	40.01 1.21 0.00	33.80 0.99 0.00	26.54 0.84 0.00	21.81 0.78 0.00
N.QUEENS_27_KV_LOAD 356247	40.43 1.70 0.00	32.51 1.40 0.00	31.09 1.33 0.00	26.96 1.14 0.00	31.51 1.16 0.00	28.38 0.98 0.00	32.54 1.21 0.00	33.74 1.47 0.00	40.20 1.87 0.00	34.48 1.77 0.00	22.31 1.33 0.00	25.61 1.47 0.00	32.35 1.53 -6.21	32.19 1.92 -1.15	39.04 2.43 -0.42	34.76 2.20 -0.36	38.30 2.33 -0.15	55.22 3.07 0.00	47.84 2.17 0.00	46.32 1.92 0.00	40.35 1.55 0.00	34.16 1.36 0.00	26.80 1.11 0.00	22.03 1.00 0.00
N.TROY___115KV_TB1 355778	39.31 0.57 0.00	31.60 0.50 0.00	30.26 0.49 0.00	26.27 0.45 0.00	30.81 0.46 0.00	27.81 0.41 0.00	31.92 0.58 0.00	32.94 0.67 0.00	39.10 0.77 0.00	33.20 0.50 0.00	21.26 0.27 0.00	24.44 0.30 0.00	21.21 0.35 3.75	28.81 0.39 0.69	36.37 0.43 0.25	32.37 0.39 0.22	36.22 0.49 0.09	52.89 0.74 0.00	46.22 0.55 0.00	44.99 0.59 0.00	39.45 0.65 0.00	33.37 0.57 0.00	26.14 0.44 0.00	21.55 0.52 0.00
NARROWS_GT1_1 24228	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_2 24229	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_3 24230	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_4 24231	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_5 24232	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00

NARROWS_GT1_6 24233	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_7 24234	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT1_8 24235	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_1 24236	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_2 24237	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_3 24238	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_4 24239	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_5 24240	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_6 24241	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_7 24242	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NARROWS_GT2_8 24243	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.23 0.49 0.00	31.56 0.46 0.00	30.28 0.51 0.00	26.29 0.47 0.00	30.84 0.50 0.00	27.87 0.47 0.00	31.96 0.62 0.00	32.99 0.72 0.00	38.95 0.62 0.00	32.89 0.19 0.00	21.07 0.09 0.00	24.19 0.05 0.00	24.10 0.11 0.61	29.08 0.08 0.11	36.19 0.04 0.04	32.28 0.12 0.04	36.01 0.21 0.02	52.66 0.51 0.00	46.38 0.71 0.00	45.25 0.86 0.00	39.61 0.81 0.00	33.51 0.71 0.00	26.23 0.53 0.00	21.56 0.52 0.00
NCHELSEA_115KV_TR2 355582	40.13 1.40 0.00	32.29 1.19 0.00	30.90 1.14 0.00	26.83 1.01 0.00	31.41 1.07 0.00	28.30 0.91 0.00	32.43 1.09 0.00	33.56 1.29 0.00	39.92 1.59 0.00	34.12 1.42 0.00	21.94 0.96 0.00	25.23 1.09 0.00	32.01 1.16 -6.25	31.69 1.41 -1.16	38.46 1.84 -0.42	34.28 1.72 -0.37	37.89 1.92 -0.15	54.89 2.74 0.00	47.72 2.05 0.00	46.26 1.86 0.00	40.28 1.48 0.00	34.01 1.20 0.00	26.66 0.97 0.00	21.90 0.87 0.00
NEG CAPITAL____MECHNVIL 23645	39.88 1.15 0.00	32.03 0.92 0.00	30.68 0.92 0.00	26.61 0.79 0.00	31.23 0.89 0.00	28.19 0.79 0.00	32.37 1.03 0.00	33.39 1.12 0.00	39.63 1.30 0.00	33.62 0.91 0.00	21.48 0.50 0.00	24.69 0.55 0.00	21.94 0.58 3.25	29.20 0.68 0.60	36.77 0.80 0.22	32.68 0.68 0.19	36.62 0.88 0.08	53.69 1.54 0.00	47.01 1.34 0.00	45.78 1.38 0.00	40.08 1.28 0.00	33.87 1.07 0.00	26.52 0.82 0.00	21.82 0.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.83 -0.91 0.00	30.26 -0.84 0.00	28.93 -0.83 0.00	25.06 -0.76 0.00	29.47 -0.88 0.00	26.65 -0.74 0.00	30.28 -1.06 0.00	31.22 -1.27 -0.22	36.84 -1.48 0.00	31.56 -1.14 0.00	20.27 -0.71 0.00	23.33 -0.81 0.00	23.74 -0.86 0.00	28.10 -1.02 0.00	34.90 -1.31 -0.02	30.85 -1.34 0.00	34.30 -1.52 0.00	50.01 -2.14 0.00	44.11 -1.56 0.00	42.81 -1.59 0.00	37.34 -1.46 0.00	31.55 -1.25 0.00	24.70 -0.99 0.00	20.07 -0.96 0.00

NEG CENTRAL___DRP 24199	38.65 -0.08 0.00	30.99 -0.11 0.00	29.64 -0.12 0.00	25.68 -0.14 0.00	30.20 -0.14 0.00	27.32 -0.08 0.00	31.15 -0.18 0.00	32.39 -0.32 -0.44	37.75 -0.58 0.00	32.14 -0.57 0.00	20.56 -0.42 0.00	23.66 -0.48 0.00	24.08 -0.52 0.00	28.57 -0.55 0.00	35.60 -0.64 -0.05	31.60 -0.59 0.00	35.18 -0.64 0.00	51.33 -0.82 0.00	45.35 -0.32 0.00	44.08 -0.32 0.00	38.40 -0.40 0.00	32.57 -0.23 0.00	25.54 -0.16 0.00	20.72 -0.31 0.00
NEG CENTRAL___INDECK 23768	39.53 0.80 0.00	31.51 0.41 0.00	30.09 0.33 0.00	26.03 0.21 0.00	30.64 0.30 0.00	27.78 0.38 0.00	31.47 0.13 0.00	32.37 -0.13 -0.23	37.92 -0.41 0.00	32.27 -0.43 0.00	20.66 -0.32 0.00	23.81 -0.33 0.00	24.20 -0.40 0.00	28.73 -0.39 0.00	35.67 -0.55 -0.02	31.41 -0.78 0.00	34.88 -0.94 0.00	50.85 -1.30 0.00	45.35 -0.32 0.00	44.30 -0.10 0.00	38.60 -0.21 0.00	32.63 -0.18 0.00	25.59 -0.11 0.00	20.63 -0.40 0.00
NEG CENTRAL___SENECA 23627	38.72 -0.02 0.00	31.05 -0.06 0.00	29.71 -0.05 0.00	25.71 -0.11 0.00	30.26 -0.09 0.00	27.39 -0.01 0.00	31.20 -0.13 0.00	32.36 -0.29 -0.39	37.74 -0.59 0.00	32.14 -0.56 0.00	20.55 -0.43 0.00	23.66 -0.49 0.00	24.07 -0.53 0.00	28.59 -0.53 0.00	35.67 -0.57 -0.04	31.65 -0.55 0.00	35.22 -0.60 0.00	51.33 -0.82 0.00	45.43 -0.23 0.00	44.14 -0.26 0.00	38.43 -0.37 0.00	32.65 -0.15 0.00	25.61 -0.08 0.00	20.70 -0.33 0.00
NEG CENTRAL___STATE_STREET 24147	38.69 -0.05 0.00	31.01 -0.09 0.00	29.64 -0.12 0.00	25.71 -0.11 0.00	30.23 -0.12 0.00	27.31 -0.09 0.00	31.17 -0.17 0.00	32.45 -0.27 -0.45	37.88 -0.45 0.00	32.24 -0.46 0.00	20.63 -0.36 0.00	23.73 -0.41 0.00	24.17 -0.43 0.00	28.64 -0.48 0.00	35.62 -0.62 -0.05	31.65 -0.54 0.00	35.27 -0.55 0.00	51.52 -0.63 0.00	45.41 -0.26 0.00	44.15 -0.25 0.00	38.51 -0.30 0.00	32.59 -0.22 0.00	25.54 -0.15 0.00	20.79 -0.24 0.00
NEG MILLWOOD___DRP 24198	40.30 1.57 0.00	32.39 1.28 0.00	30.96 1.20 0.00	26.89 1.07 0.00	31.47 1.13 0.00	28.34 0.95 0.00	32.49 1.15 0.00	33.65 1.38 0.00	40.06 1.74 0.00	34.27 1.58 0.00	22.06 1.08 0.00	25.36 1.22 0.00	32.60 1.31 -6.70	31.95 1.59 -1.24	38.70 2.05 -0.45	34.49 1.90 -0.39	38.09 2.11 -0.16	55.13 2.99 0.00	47.87 2.20 0.00	46.37 1.97 0.00	40.36 1.55 0.00	34.08 1.27 0.00	26.71 1.02 0.00	21.94 0.91 0.00
NEG NORTH_FLCN_SEA 23793	40.94 2.21 0.00	32.77 1.67 0.00	31.02 1.26 0.00	26.65 0.83 0.00	31.58 1.24 0.00	28.88 1.48 0.00	33.20 1.86 0.00	34.20 1.93 0.00	40.35 2.02 0.00	34.50 1.80 0.00	22.02 1.03 0.00	25.33 1.19 0.00	25.98 1.38 0.00	30.79 1.67 0.00	38.35 2.16 0.00	34.03 1.84 0.00	37.89 2.07 0.00	55.35 3.20 0.00	48.48 2.81 0.00	47.36 2.96 0.00	41.45 2.65 0.00	34.84 2.04 0.00	26.98 1.29 0.00	21.98 0.95 0.00
NEG NORTH_KES_CHATEGAY 23792	40.13 1.39 0.00	32.20 1.10 0.00	30.53 0.77 0.00	26.30 0.48 0.00	31.12 0.78 0.00	28.35 0.95 0.00	32.54 1.20 0.00	33.54 1.26 0.00	39.63 1.30 0.00	33.86 1.15 0.00	21.65 0.67 0.00	24.91 0.77 0.00	25.44 0.84 0.00	30.11 1.00 0.00	37.49 1.30 0.00	33.25 1.06 0.00	37.01 1.19 0.00	54.00 1.85 0.00	47.50 1.83 0.00	46.48 2.08 0.00	40.69 1.89 0.00	34.19 1.38 0.00	26.51 0.82 0.00	21.60 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	40.89 2.16 0.00	32.73 1.62 0.00	31.00 1.24 0.00	26.65 0.82 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.14 1.87 0.00	40.26 1.94 0.00	34.38 1.68 0.00	21.96 0.97 0.00	25.26 1.11 0.00	25.87 1.26 0.00	30.64 1.52 0.00	38.17 1.98 0.00	33.87 1.67 0.00	37.72 1.90 0.00	55.12 2.97 0.00	48.43 2.77 0.00	47.34 2.94 0.00	41.43 2.63 0.00	34.84 2.03 0.00	26.97 1.28 0.00	21.97 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	40.89 2.16 0.00	32.73 1.62 0.00	31.00 1.24 0.00	26.65 0.82 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.14 1.87 0.00	40.26 1.94 0.00	34.38 1.68 0.00	21.96 0.97 0.00	25.26 1.11 0.00	25.87 1.26 0.00	30.64 1.52 0.00	38.17 1.98 0.00	33.87 1.67 0.00	37.72 1.90 0.00	55.12 2.97 0.00	48.43 2.77 0.00	47.34 2.94 0.00	41.43 2.63 0.00	34.84 2.03 0.00	26.97 1.28 0.00	21.97 0.94 0.00
NEG NORTH___PLATTSBURG 23628	40.90 2.16 0.00	32.73 1.62 0.00	31.00 1.24 0.00	26.65 0.82 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.14 1.87 0.00	40.26 1.94 0.00	34.38 1.68 0.00	21.95 0.97 0.00	25.26 1.11 0.00	25.86 1.26 0.00	30.64 1.52 0.00	38.17 1.98 0.00	33.87 1.67 0.00	37.72 1.90 0.00	55.12 2.97 0.00	48.44 2.77 0.00	47.34 2.94 0.00	41.43 2.63 0.00	34.84 2.03 0.00	26.97 1.28 0.00	21.97 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	38.04 -0.69 0.00	30.42 -0.69 0.00	29.08 -0.68 0.00	25.15 -0.67 0.00	29.62 -0.73 0.00	26.83 -0.57 0.00	30.03 -1.31 0.00	30.53 -1.94 -0.20	36.27 -2.06 0.00	31.56 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.70 -0.90 0.00	28.04 -1.08 0.00	34.74 -1.48 -0.02	30.19 -2.01 0.00	33.19 -2.62 0.00	47.68 -4.47 0.00	42.09 -3.58 0.00	40.77 -3.63 0.00	35.67 -3.13 0.00	30.35 -2.45 0.00	23.86 -1.83 0.00	19.26 -1.77 0.00
NEG WEST___LANCASTR 23811	37.96 -0.77 0.00	30.26 -0.84 0.00	28.96 -0.80 0.00	25.02 -0.79 0.00	29.45 -0.89 0.00	26.66 -0.74 0.00	29.95 -1.39 0.00	30.69 -1.79 -0.21	36.47 -1.86 0.00	31.72 -0.99 0.00	20.39 -0.59 0.00	23.51 -0.63 0.00	23.90 -0.70 0.00	28.33 -0.79 0.00	35.11 -1.11 -0.02	30.69 -1.50 0.00	33.77 -2.05 0.00	48.54 -3.61 0.00	42.58 -3.09 0.00	41.23 -3.17 0.00	36.00 -2.81 0.00	30.63 -2.17 0.00	24.14 -1.56 0.00	19.45 -1.58 0.00
NEG_PENN_ALLEGHNY 23528	38.77 0.04 0.00	31.02 -0.08 0.00	29.67 -0.09 0.00	25.72 -0.10 0.00	30.26 -0.08 0.00	27.32 -0.08 0.00	31.18 -0.16 0.00	32.30 -0.23 -0.25	38.07 -0.26 0.00	32.53 -0.17 0.00	20.87 -0.10 0.00	24.04 -0.10 0.00	24.48 -0.12 0.00	29.04 -0.08 0.00	36.12 -0.10 -0.03	32.10 -0.09 0.00	35.71 -0.10 0.00	52.03 -0.12 0.00	45.51 -0.16 0.00	44.10 -0.30 0.00	38.42 -0.38 0.00	32.56 -0.24 0.00	25.58 -0.11 0.00	20.78 -0.25 0.00
NEG___GEN_MONROE 24207	38.97 0.24 0.00	31.15 0.04 0.00	29.83 0.07 0.00	25.84 0.02 0.00	30.39 0.05 0.00	27.50 0.10 0.00	31.14 -0.20 0.00	31.87 -0.60 -0.20	37.57 -0.76 0.00	32.24 -0.46 0.00	20.64 -0.35 0.00	23.75 -0.39 0.00	24.17 -0.43 0.00	28.61 -0.51 0.00	35.51 -0.70 -0.02	31.28 -0.92 0.00	34.70 -1.12 0.00	50.51 -1.64 0.00	44.65 -1.02 0.00	43.41 -0.99 0.00	37.89 -0.91 0.00	32.09 -0.71 0.00	25.16 -0.53 0.00	20.40 -0.64 0.00
NEPA___ENERGY 23901	37.92 -0.82 0.00	30.14 -0.96 0.00	28.87 -0.89 0.00	24.89 -0.93 0.00	29.27 -1.07 0.00	26.52 -0.88 0.00	29.86 -1.47 0.00	30.56 -1.92 -0.21	36.36 -1.98 0.00	31.63 -1.07 0.00	20.41 -0.57 0.00	23.60 -0.54 0.00	24.01 -0.59 0.00	28.58 -0.54 0.00	35.48 -0.74 -0.02	31.19 -1.01 0.00	34.34 -1.48 0.00	49.50 -2.64 0.00	43.17 -2.50 0.00	41.55 -2.85 0.00	35.98 -2.83 0.00	30.64 -2.16 0.00	24.22 -1.48 0.00	19.41 -1.62 0.00

NEVERSINK___HYD 23608	39.25 0.52 0.00	31.52 0.42 0.00	30.15 0.39 0.00	26.19 0.37 0.00	30.69 0.34 0.00	27.67 0.27 0.00	31.68 0.34 0.00	32.75 0.48 0.00	38.91 0.59 0.00	33.17 0.47 0.00	21.30 0.31 0.00	24.45 0.31 0.00	28.64 0.35 -3.69	30.25 0.44 -0.68	37.07 0.63 -0.25	33.10 0.69 -0.22	36.73 0.82 -0.09	53.47 1.33 0.00	46.65 0.98 0.00	45.35 0.95 0.00	39.48 0.68 0.00	33.32 0.52 0.00	26.13 0.43 0.00	21.43 0.40 0.00
NEWKRMKL_115KV_TB1 55635	38.63 -0.10 0.00	31.08 -0.02 0.00	29.79 0.02 0.00	25.88 0.06 0.00	30.34 -0.01 0.00	27.41 0.01 0.00	31.41 0.07 0.00	32.41 0.14 0.00	38.46 0.13 0.00	32.70 0.00 0.00	21.02 0.04 0.00	24.15 0.01 0.00	22.21 0.06 2.46	28.69 0.03 0.45	35.98 -0.04 0.17	32.11 0.06 0.14	35.86 0.10 0.06	52.21 0.06 0.00	45.58 -0.09 0.00	44.30 -0.10 0.00	38.78 -0.02 0.00	32.86 0.06 0.00	25.75 0.05 0.00	21.21 0.17 0.00
NEWTON___FALLS_HYD 23847	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.94 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.36 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 1.76	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
NGRID_A1_DSASP 323792	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.94 0.00	29.55 -1.79 0.00	30.09 -2.39 -0.20	35.79 -2.53 0.00	31.22 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.48 -1.13 0.00	27.76 -1.36 0.00	34.38 -1.84 -0.02	29.90 -2.29 0.00	32.88 -2.94 0.00	47.09 -5.06 0.00	41.50 -4.17 0.00	40.16 -4.24 0.00	35.17 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
NGRID_A2_DSASP 323793	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.94 0.00	29.55 -1.79 0.00	30.09 -2.39 -0.20	35.79 -2.53 0.00	31.22 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.48 -1.13 0.00	27.76 -1.36 0.00	34.38 -1.84 -0.02	29.90 -2.29 0.00	32.88 -2.94 0.00	47.09 -5.06 0.00	41.50 -4.17 0.00	40.16 -4.24 0.00	35.17 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
NGRID_A4_DSASP 323807	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.94 0.00	29.55 -1.79 0.00	30.09 -2.39 -0.20	35.79 -2.53 0.00	31.22 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.48 -1.13 0.00	27.76 -1.36 0.00	34.38 -1.84 -0.02	29.90 -2.29 0.00	32.88 -2.94 0.00	47.09 -5.06 0.00	41.50 -4.17 0.00	40.16 -4.32 0.00	35.17 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
NIAGARA_115E_LBMP 323715	37.66 -1.08 0.00	30.17 -0.93 0.00	28.87 -0.90 0.00	24.96 -0.86 0.00	29.39 -0.95 0.00	26.63 -0.77 0.00	29.78 -1.56 0.00	30.19 -2.28 -0.20	35.87 -2.46 0.00	31.26 -1.44 0.00	20.08 -0.90 0.00	23.15 -1.00 0.00	23.49 -1.12 0.00	27.77 -1.36 0.00	34.38 -1.83 -0.02	29.78 -2.41 0.00	32.72 -3.10 0.00	46.89 -5.26 0.00	41.39 -4.28 0.00	40.08 -4.32 0.00	35.12 -3.69 0.00	29.87 -2.94 0.00	23.49 -2.20 0.00	18.97 -2.06 0.00
NIAGARA_115W_LBMP 323714	37.52 -1.22 0.00	29.97 -1.13 0.00	28.62 -1.14 0.00	24.76 -1.06 0.00	29.16 -1.19 0.00	26.41 -0.99 0.00	29.50 -1.84 0.00	30.04 -2.43 -0.20	35.73 -2.60 0.00	31.17 -1.53 0.00	20.01 -0.97 0.00	23.08 -1.06 0.00	23.43 -1.17 0.00	27.70 -1.41 0.00	34.32 -1.90 -0.02	29.85 -2.35 0.00	32.83 -3.00 0.00	47.01 -5.14 0.00	41.42 -4.25 0.00	40.10 -4.30 0.00	35.11 -3.70 0.00	29.89 -2.91 0.00	23.52 -2.18 0.00	18.99 -2.04 0.00
NIAGARA_230_LBMP 323716	37.75 -0.98 0.00	30.16 -0.94 0.00	28.83 -0.93 0.00	24.95 -0.87 0.00	29.37 -0.97 0.00	26.60 -0.79 0.00	29.77 -1.57 0.00	30.34 -2.13 -0.20	36.07 -2.26 0.00	31.43 -1.27 0.00	20.18 -0.80 0.00	23.28 -0.86 0.00	23.64 -0.96 0.00	27.96 -1.16 0.00	34.63 -1.58 -0.02	30.14 -2.06 0.00	33.15 -2.67 0.00	47.55 -4.60 0.00	41.86 -3.81 0.00	40.52 -3.88 0.00	35.47 -3.33 0.00	30.21 -2.60 0.00	23.77 -1.92 0.00	19.20 -1.83 0.00
NIAGARA___115KV_198_GIBSON 55903	37.52 -1.22 0.00	29.97 -1.13 0.00	28.62 -1.14 0.00	24.76 -1.06 0.00	29.16 -1.18 0.00	26.41 -0.99 0.00	29.50 -1.84 0.00	30.04 -2.43 -0.20	35.74 -2.59 0.00	31.18 -1.52 0.00	20.01 -0.97 0.00	23.09 -1.06 0.00	23.43 -1.17 0.00	27.70 -1.42 0.00	34.32 -1.89 -0.02	29.85 -2.34 0.00	32.83 -2.99 0.00	47.01 -5.14 0.00	41.42 -4.25 0.00	40.10 -4.30 0.00	35.11 -3.69 0.00	29.89 -2.91 0.00	23.52 -2.18 0.00	19.00 -2.04 0.00
NIAGARA____ 23760	37.75 -0.98 0.00	30.16 -0.94 0.00	28.83 -0.93 0.00	24.95 -0.87 0.00	29.37 -0.97 0.00	26.60 -0.79 0.00	29.77 -1.57 0.00	30.34 -2.13 -0.20	36.07 -2.26 0.00	31.43 -1.27 0.00	20.18 -0.80 0.00	23.28 -0.86 0.00	23.64 -0.96 0.00	27.96 -1.16 0.00	34.64 -1.58 -0.02	30.14 -2.06 0.00	33.15 -2.67 0.00	47.55 -4.60 0.00	41.86 -3.81 0.00	40.52 -3.88 0.00	35.47 -3.33 0.00	30.21 -2.60 0.00	23.77 -1.92 0.00	19.20 -1.83 0.00
NINE_MILE_1 23575	37.60 -1.13 0.00	30.17 -0.93 0.00	28.86 -0.90 0.00	25.03 -0.79 0.00	29.43 -0.91 0.00	26.57 -0.82 0.00	30.34 -1.00 0.00	28.44 -1.10 2.73	36.98 -1.35 0.00	31.57 -1.13 0.00	20.24 -0.74 0.00	23.30 -0.85 0.00	23.73 -0.87 0.00	28.10 -1.02 0.00	34.60 -1.31 0.29	31.06 -1.13 0.00	34.56 -1.25 0.00	50.35 -1.80 0.00	44.17 -1.50 0.00	42.94 -1.47 0.00	37.50 -1.31 0.00	31.72 -1.09 0.00	24.86 -0.84 0.00	20.31 -0.72 0.00
NINE_MILE_2 23744	37.60 -1.13 0.00	30.17 -0.93 0.00	28.86 -0.90 0.00	25.03 -0.79 0.00	29.43 -0.91 0.00	26.57 -0.82 0.00	30.34 -1.00 0.00	28.39 -1.10 2.78	36.98 -1.35 0.00	31.57 -1.13 0.00	20.24 -0.74 0.00	23.30 -0.85 0.00	23.73 -0.87 0.00	28.10 -1.02 0.00	34.59 -1.31 0.30	31.06 -1.13 0.00	34.56 -1.25 0.00	50.35 -1.80 0.00	44.17 -1.50 0.00	42.94 -1.47 0.00	37.50 -1.31 0.00	31.72 -1.09 0.00	24.86 -0.84 0.00	20.31 -0.72 0.00
NM_CAPITAL___DRP 24208	38.69 -0.05 0.00	31.13 0.03 0.00	29.82 0.06 0.00	25.91 0.09 0.00	30.38 0.03 0.00	27.44 0.04 0.00	31.46 0.12 0.00	32.45 0.19 0.00	38.52 0.19 0.00	32.76 0.06 0.00	21.05 0.07 0.00	24.20 0.06 0.00	22.01 0.10 2.70	28.70 0.08 0.50	36.04 0.03 0.18	32.14 0.10 0.16	35.88 0.12 0.06	52.21 0.06 0.00	45.58 -0.09 0.00	44.31 -0.09 0.00	38.82 0.02 0.00	32.88 0.08 0.00	25.77 0.07 0.00	21.23 0.20 0.00
NM_CENTRAL___DRP 24181	38.35 -0.38 0.00	30.75 -0.36 0.00	29.41 -0.35 0.00	25.51 -0.31 0.00	29.99 -0.36 0.00	27.07 -0.33 0.00	30.92 -0.42 0.00	32.11 -0.51 -0.34	37.66 -0.67 0.00	32.12 -0.58 0.00	20.60 -0.39 0.00	23.70 -0.44 0.00	24.14 -0.46 0.00	28.60 -0.52 0.00	35.56 -0.67 -0.04	31.59 -0.60 0.00	35.15 -0.67 0.00	51.21 -0.94 0.00	44.97 -0.70 0.00	43.68 -0.72 0.00	38.12 -0.68 0.00	32.28 -0.52 0.00	25.34 -0.35 0.00	20.67 -0.36 0.00

NM_FRONTIER___DRP 24179	37.52 -1.22 0.00	29.97 -1.13 0.00	28.62 -1.14 0.00	24.76 -1.06 0.00	29.16 -1.18 0.00	26.41 -0.99 0.00	29.50 -1.84 0.00	30.04 -2.43 -0.20	35.74 -2.59 0.00	31.18 -1.52 0.00	20.01 -0.97 0.00	23.09 -1.06 0.00	23.43 -1.17 0.00	27.70 -1.42 0.00	34.32 -1.89 -0.02	29.85 -2.34 0.00	32.83 -2.99 0.00	47.01 -5.14 0.00	41.42 -4.25 0.00	40.10 -4.30 0.00	35.11 -3.69 0.00	29.89 -2.91 0.00	23.52 -2.18 0.00	19.00 -2.04 0.00
NM_ST_REGIS___HYD 24053	40.00 1.27 0.00	32.11 1.01 0.00	30.61 0.85 0.00	26.46 0.65 0.00	31.21 0.86 0.00	28.35 0.95 0.00	32.50 1.16 0.00	33.52 1.18 -0.08	39.53 1.20 0.00	33.64 0.94 0.00	21.51 0.54 0.00	24.74 0.59 0.00	25.19 0.59 0.00	29.78 0.66 0.00	37.06 0.86 -0.01	32.85 0.66 0.00	36.56 0.74 0.00	53.49 1.34 0.00	47.43 1.76 0.00	46.40 2.00 0.00	40.61 1.81 0.00	34.23 1.43 0.00	26.64 0.94 0.00	21.70 0.67 0.00
NORTHPORT___1 23551	40.27 1.54 0.00	32.29 1.19 0.00	30.78 1.01 0.00	26.65 0.83 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.16 0.96 -1.87	36.27 1.56 -2.44	40.15 1.82 0.00	34.38 1.68 0.00	22.32 1.34 -0.01	25.61 1.47 0.00	33.00 1.57 -6.83	41.21 1.94 -10.15	40.58 2.47 -1.92	36.15 2.19 -1.77	38.26 2.29 -0.15	54.99 2.84 0.00	47.47 1.80 0.00	45.94 1.54 0.00	36.43 0.87 3.24	33.37 0.57 0.00	26.21 0.52 0.00	21.74 0.71 0.00
NORTHPORT___2 23552	40.27 1.54 0.00	32.29 1.19 0.00	30.78 1.01 0.00	26.65 0.83 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.16 0.96 -1.87	36.27 1.56 -2.44	40.15 1.82 0.00	34.38 1.68 0.00	22.32 1.34 -0.01	25.61 1.47 0.00	33.00 1.57 -6.83	41.21 1.94 -10.15	40.58 2.47 -1.92	36.15 2.19 -1.77	38.26 2.29 -0.15	54.99 2.84 0.00	47.47 1.80 0.00	45.94 1.54 0.00	36.43 0.87 3.24	33.37 0.57 0.00	26.21 0.52 0.00	21.74 0.71 0.00
NORTHPORT___3 23553	40.15 1.41 0.00	32.26 1.16 0.00	30.76 1.00 0.00	26.64 0.82 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.12 0.91 -1.87	36.19 1.48 -2.44	40.10 1.77 0.00	34.35 1.65 0.00	22.33 1.34 -0.01	25.63 1.49 0.00	33.02 1.59 -6.83	41.21 1.94 -10.15	40.53 2.42 -1.92	36.08 2.12 -1.77	38.13 2.16 -0.15	54.72 2.57 0.00	47.22 1.55 0.00	45.71 1.31 0.00	36.32 0.73 3.22	33.27 0.47 0.00	26.13 0.43 0.00	21.76 0.73 0.00
NORTHPORT___4 23650	40.15 1.41 0.00	32.26 1.16 0.00	30.76 1.00 0.00	26.64 0.82 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.12 0.91 -1.87	36.19 1.48 -2.44	40.10 1.77 0.00	34.35 1.65 0.00	22.33 1.34 -0.01	25.63 1.49 0.00	33.02 1.59 -6.83	41.21 1.94 -10.15	40.53 2.42 -1.92	36.08 2.12 -1.77	38.13 2.16 -0.15	54.72 2.57 0.00	47.22 1.55 0.00	45.71 1.31 0.00	36.32 0.73 3.22	33.27 0.47 0.00	26.13 0.43 0.00	21.76 0.73 0.00
NORTHPORT___IC 23718	40.27 1.54 0.00	32.29 1.19 0.00	30.78 1.01 0.00	26.65 0.83 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.16 0.96 -1.87	36.27 1.56 -2.44	40.15 1.82 0.00	34.38 1.68 0.00	22.32 1.34 -0.01	25.60 1.46 0.00	32.98 1.55 -6.83	41.21 1.94 -10.15	40.58 2.47 -1.92	36.16 2.19 -1.77	38.26 2.29 -0.15	54.99 2.84 0.00	47.47 1.80 0.00	45.94 1.54 0.00	36.43 0.86 3.24	33.37 0.57 0.00	26.21 0.52 0.00	21.74 0.71 0.00
NORTH___COUNTRY_ESR 323785	40.04 1.31 0.00	32.10 1.00 0.00	30.46 0.71 0.00	26.24 0.42 0.00	31.03 0.69 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.43 1.16 0.00	39.62 1.29 0.00	33.85 1.15 0.00	21.65 0.67 0.00	24.91 0.77 0.00	25.44 0.84 0.00	30.11 1.00 0.00	37.48 1.29 0.00	33.25 1.06 0.00	37.00 1.18 0.00	53.98 1.83 0.00	47.44 1.77 0.00	46.31 1.91 0.00	40.53 1.73 0.00	34.09 1.29 0.00	26.44 0.74 0.00	21.54 0.51 0.00
NPX_GEN_1385_PROXY 323591	40.27 1.54 0.00	32.29 1.19 0.00	30.78 1.01 0.00	26.65 0.83 0.00	31.11 0.76 0.00	28.00 0.60 0.00	34.16 0.96 -1.87	36.27 1.56 -2.44	36.15 1.82 4.00	34.38 1.68 0.00	21.37 1.34 0.94	25.61 1.47 0.00	33.00 1.57 -6.83	41.21 1.94 -10.15	40.58 2.47 -1.92	36.15 2.19 -1.77	38.26 2.29 -0.15	54.99 2.84 0.00	47.47 1.80 0.00	47.78 1.54 -1.84	36.43 0.87 3.24	33.37 0.57 0.00	26.21 0.52 0.00	21.74 0.71 0.00
NPX_GEN_CSC 323557	39.86 1.13 0.00	31.84 0.74 0.00	30.32 0.56 0.00	26.25 0.43 0.00	30.62 0.28 0.00	27.57 0.17 0.00	33.71 0.51 -1.87	35.93 1.22 -2.44	35.64 1.32 4.00	33.94 1.23 0.00	21.09 1.05 0.94	25.24 1.10 0.00	32.64 1.21 -6.83	40.83 1.55 -10.15	40.16 2.05 -1.92	35.88 1.92 -1.77	38.07 2.10 -0.15	54.85 2.70 0.00	47.40 1.72 0.00	47.66 1.42 -1.84	36.28 0.69 3.22	33.22 0.41 0.00	26.06 0.36 0.00	21.60 0.56 0.00
NSINS_S_GLNS_FALLS 23858	39.91 1.17 0.00	32.06 0.96 0.00	30.79 1.03 0.00	26.64 0.82 0.00	31.26 0.92 0.00	28.24 0.84 0.00	32.50 1.16 0.00	33.54 1.27 0.00	40.07 1.74 0.00	33.94 1.24 0.00	21.55 0.57 0.00	24.80 0.66 0.00	22.45 0.71 2.86	29.41 0.82 0.53	36.79 0.80 0.19	32.51 0.49 0.17	36.50 0.74 0.07	53.72 1.57 0.00	47.05 1.38 0.00	46.00 1.60 0.00	40.30 1.50 0.00	34.02 1.22 0.00	26.62 0.93 0.00	21.94 0.90 0.00
NUCOR_STEEL___DRP 24197	38.66 -0.07 0.00	30.98 -0.12 0.00	29.62 -0.14 0.00	25.69 -0.12 0.00	30.20 -0.15 0.00	27.28 -0.12 0.00	31.14 -0.19 0.00	32.45 -0.28 -0.46	37.87 -0.46 0.00	32.23 -0.47 0.00	20.63 -0.36 0.00	23.73 -0.41 0.00	24.17 -0.43 0.00	28.63 -0.49 0.00	35.60 -0.64 -0.05	31.64 -0.55 0.00	35.26 -0.56 0.00	51.52 -0.63 0.00	45.37 -0.29 0.00	44.12 -0.28 0.00	38.47 -0.33 0.00	32.56 -0.24 0.00	25.52 -0.17 0.00	20.79 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	40.05 1.31 0.00	32.17 1.07 0.00	30.76 1.00 0.00	26.62 0.80 0.00	31.33 0.99 0.00	28.30 0.90 0.00	32.46 1.12 0.00	33.63 1.17 -0.19	39.20 0.87 0.00	33.05 0.35 0.00	21.07 0.09 0.00	24.11 -0.03 0.00	24.55 -0.05 0.00	29.04 -0.08 0.00	36.14 -0.08 -0.02	32.11 -0.08 0.00	35.76 -0.06 0.00	52.53 0.38 0.00	47.03 1.36 0.00	46.25 1.85 0.00	40.43 1.63 0.00	34.19 1.39 0.00	26.71 1.01 0.00	21.75 0.72 0.00
NYISO_LBMP_REFERENCE 24008	38.73 0.00 0.00	31.10 0.00 0.00	29.76 0.00 0.00	25.82 0.00 0.00	30.34 0.00 0.00	27.40 0.00 0.00	31.34 0.00 0.00	32.27 0.00 0.00	38.33 0.00 0.00	32.70 0.00 0.00	20.98 0.00 0.00	24.14 0.00 0.00	24.60 0.00 0.00	29.12 0.00 0.00	36.19 0.00 0.00	32.19 0.00 0.00	35.82 0.00 0.00	52.15 0.00 0.00	45.67 0.00 0.00	44.40 0.00 0.00	38.80 0.00 0.00	32.80 0.00 0.00	25.69 0.00 0.00	21.03 0.00 0.00
NYPA_BRENTWD____GT 24164	40.68 1.95 0.00	32.56 1.46 0.00	31.02 1.26 0.00	26.85 1.03 0.00	31.33 0.98 0.00	28.20 0.80 0.00	34.40 1.20 -1.87	36.52 1.82 -2.44	40.45 2.12 0.00	34.63 1.93 0.00	22.47 1.48 -0.01	25.77 1.63 0.00	33.18 1.75 -6.83	41.42 2.15 -10.15	40.90 2.78 -1.92	36.48 2.52 -1.77	38.67 2.70 -0.15	55.68 3.53 0.00	47.97 2.30 0.00	46.38 1.98 0.00	36.92 1.31 3.19	33.77 0.97 0.00	26.49 0.80 0.00	21.94 0.91 0.00

NYPA_GOWANUS____GT5 24156	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.93 2.26 0.00	46.41 2.01 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NYPA_GOWANUS____GT6 24157	40.38 1.65 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.00 1.18 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.68 1.34 0.00	33.98 1.59 -0.13	40.18 1.85 0.00	35.08 1.92 -0.46	54.08 1.39 -31.71	26.76 1.61 -1.02	33.10 1.71 -6.79	32.84 2.09 -1.64	39.77 2.65 -0.93	35.33 2.38 -0.76	38.93 2.53 -0.57	55.37 3.22 0.00	47.93 2.26 0.00	46.41 2.01 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.84 1.14 0.00	22.05 1.02 0.00
NYPA_HARLEM__RVR__GT1 24160	40.33 1.59 0.00	32.42 1.32 0.00	31.02 1.26 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.48 1.15 0.00	33.67 1.40 0.00	40.11 1.78 0.00	34.40 1.70 0.00	22.27 1.28 0.00	25.57 1.43 0.00	32.32 1.50 -6.21	32.14 1.87 -1.15	38.98 2.37 -0.42	34.70 2.14 -0.36	38.24 2.27 -0.15	55.09 2.94 0.00	47.72 2.05 0.00	46.20 1.80 0.00	40.26 1.46 0.00	34.08 1.27 0.00	26.75 1.05 0.00	21.98 0.94 0.00
NYPA_HARLEM__RVR__GT2 24161	40.33 1.59 0.00	32.42 1.32 0.00	31.02 1.26 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.48 1.15 0.00	33.67 1.40 0.00	40.11 1.78 0.00	34.40 1.70 0.00	22.27 1.28 0.00	25.57 1.43 0.00	32.32 1.50 -6.21	32.14 1.87 -1.15	38.98 2.37 -0.42	34.70 2.14 -0.36	38.24 2.27 -0.15	55.09 2.94 0.00	47.72 2.05 0.00	46.20 1.80 0.00	40.26 1.46 0.00	34.08 1.27 0.00	26.75 1.05 0.00	21.98 0.94 0.00
NYPA_KENT____GT 24152	40.35 1.62 0.00	32.48 1.37 0.00	31.07 1.31 0.00	26.96 1.14 0.00	31.52 1.18 0.00	28.38 0.98 0.00	32.59 1.25 0.00	33.85 1.50 -0.08	40.14 1.82 0.00	34.80 1.83 -0.28	41.45 1.33 -19.13	26.28 1.53 -0.61	32.79 1.63 -6.56	32.55 1.98 -1.44	39.45 2.53 -0.73	35.08 2.28 -0.60	38.65 2.43 -0.40	55.29 3.15 0.00	47.88 2.21 0.00	46.35 1.95 0.00	40.37 1.57 0.00	34.16 1.35 0.00	26.79 1.10 0.00	22.02 0.99 0.00
NYPA_POUCH1____GT 24155	40.20 1.50 0.04	32.57 1.47 0.00	-302.14 1.43 333.33	23.42 1.25 3.65	-88.98 1.31 120.63	-572.78 1.07 601.25	-74.45 1.33 107.12	-641.07 1.59 674.92	23.53 1.86 16.65	23.44 1.92 11.19	-587.74 1.39 610.11	6.10 1.61 19.65	21.59 1.71 4.72	23.10 2.09 8.11	29.28 2.66 9.56	27.12 2.38 7.45	30.20 2.53 8.15	38.16 3.20 17.19	42.09 2.22 5.80	39.60 2.01 6.81	33.35 1.65 7.10	32.57 1.43 1.66	26.84 1.15 0.00	22.06 1.03 0.00
NYPA_VERNON____GT2 24162	40.34 1.61 0.00	32.43 1.33 0.00	31.02 1.26 0.00	26.92 1.10 0.00	31.48 1.13 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.72 1.43 -0.03	40.10 1.77 0.00	34.54 1.74 -0.09	28.81 1.27 -6.56	25.79 1.44 -0.21	32.47 1.54 -6.34	32.25 1.88 -1.25	39.12 2.40 -0.53	34.82 2.18 -0.45	38.39 2.33 -0.24	55.22 3.07 0.00	47.82 2.15 0.00	46.29 1.89 0.00	40.30 1.50 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
NYPA_VERNON____GT3 24163	40.34 1.61 0.00	32.43 1.33 0.00	31.02 1.26 0.00	26.92 1.10 0.00	31.48 1.13 0.00	28.34 0.94 0.00	32.50 1.17 0.00	33.72 1.43 -0.03	40.10 1.77 0.00	34.54 1.74 -0.09	28.81 1.27 -6.56	25.79 1.44 -0.21	32.47 1.54 -6.34	32.25 1.88 -1.25	39.12 2.40 -0.53	34.82 2.18 -0.45	38.39 2.33 -0.24	55.22 3.07 0.00	47.82 2.15 0.00	46.29 1.89 0.00	40.30 1.50 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
NYPA____ASTORIA_CC1 323568	40.28 1.54 0.00	32.38 1.27 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.38 1.68 0.00	22.21 1.23 0.00	25.54 1.40 0.00	32.31 1.49 -6.21	32.11 1.84 -1.15	38.95 2.34 -0.42	34.67 2.12 -0.36	38.23 2.26 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
NYPA____ASTORIA_CC2 323569	40.28 1.54 0.00	32.38 1.27 0.00	30.97 1.21 0.00	26.87 1.05 0.00	31.42 1.08 0.00	28.28 0.88 0.00	32.46 1.12 0.00	33.64 1.37 0.00	40.04 1.71 0.00	34.38 1.68 0.00	22.21 1.23 0.00	25.54 1.40 0.00	32.31 1.49 -6.21	32.11 1.84 -1.15	38.95 2.34 -0.42	34.67 2.12 -0.36	38.23 2.26 -0.15	55.13 2.98 0.00	47.75 2.08 0.00	46.23 1.83 0.00	40.24 1.44 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.96 0.92 0.00
NYPA____HOLTSVILL 23794	40.21 1.48 0.00	32.15 1.05 0.00	30.62 0.86 0.00	26.51 0.69 0.00	30.93 0.58 0.00	27.85 0.45 0.00	34.00 0.80 -1.87	36.17 1.46 -2.44	39.99 1.66 0.00	34.23 1.53 0.00	22.24 1.25 -0.01	25.47 1.33 0.00	32.87 1.44 -6.83	41.08 1.81 -10.15	40.46 2.35 -1.92	36.11 2.15 -1.77	38.30 2.33 -0.15	55.13 2.99 0.00	47.62 1.95 0.00	46.07 1.67 0.00	36.52 0.93 3.22	33.42 0.62 0.00	26.23 0.53 0.00	21.74 0.71 0.00
NYPA____HELLGATE_GT1 24158	40.33 1.59 0.00	32.42 1.32 0.00	31.02 1.26 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.48 1.15 0.00	33.67 1.40 0.00	40.11 1.78 0.00	34.40 1.70 0.00	22.27 1.28 0.00	25.57 1.43 0.00	32.32 1.50 -6.21	32.14 1.88 -1.15	38.98 2.37 -0.42	34.70 2.14 -0.36	38.24 2.27 -0.15	55.09 2.94 0.00	47.72 2.05 0.00	46.20 1.80 0.00	40.25 1.45 0.00	34.08 1.27 0.00	26.75 1.05 0.00	21.98 0.94 0.00
NYPA____HELLGATE_GT2 24159	40.33 1.59 0.00	32.42 1.32 0.00	31.02 1.26 0.00	26.90 1.08 0.00	31.45 1.10 0.00	28.31 0.91 0.00	32.48 1.15 0.00	33.67 1.40 0.00	40.11 1.78 0.00	34.40 1.70 0.00	22.27 1.28 0.00	25.57 1.43 0.00	32.32 1.50 -6.21	32.14 1.88 -1.15	38.98 2.37 -0.42	34.70 2.14 -0.36	38.24 2.27 -0.15	55.09 2.94 0.00	47.72 2.05 0.00	46.20 1.80 0.00	40.25 1.45 0.00	34.08 1.27 0.00	26.75 1.05 0.00	21.98 0.94 0.00
NYS_BARGE____HYD 23848	38.07 -0.66 0.00	30.46 -0.64 0.00	29.12 -0.64 0.00	25.18 -0.64 0.00	29.65 -0.70 0.00	26.86 -0.54 0.00	30.07 -1.27 0.00	30.56 -1.92 -0.20	36.28 -2.05 0.00	31.56 -1.15 0.00	20.25 -0.73 0.00	23.35 -0.79 0.00	23.69 -0.91 0.00	28.03 -1.09 0.00	34.71 -1.50 -0.02	30.14 -2.05 0.00	33.16 -2.66 0.00	47.65 -4.49 0.00	42.09 -3.58 0.00	40.78 -3.62 0.00	35.69 -3.11 0.00	30.36 -2.45 0.00	23.87 -1.83 0.00	19.26 -1.77 0.00
OAK ORCHARD____HYD 24046	38.62 -0.12 0.00	30.89 -0.21 0.00	29.52 -0.24 0.00	25.57 -0.25 0.00	30.09 -0.26 0.00	27.21 -0.19 0.00	30.84 -0.50 0.00	31.73 -0.74 -0.20	37.48 -0.85 0.00	32.18 -0.52 0.00	20.63 -0.35 0.00	23.76 -0.38 0.00	24.18 -0.42 0.00	28.63 -0.49 0.00	35.51 -0.70 -0.02	31.34 -0.85 0.00	34.79 -1.03 0.00	50.59 -1.56 0.00	44.62 -1.05 0.00	43.31 -1.09 0.00	37.80 -1.01 0.00	32.01 -0.80 0.00	25.10 -0.60 0.00	20.36 -0.67 0.00

OAKDALE___35_KV_LOAD 356122	38.62 -0.12 0.00	30.90 -0.20 0.00	29.56 -0.20 0.00	25.63 -0.19 0.00	30.15 -0.19 0.00	27.22 -0.18 0.00	31.06 -0.28 0.00	32.18 -0.34 -0.25	37.92 -0.41 0.00	32.42 -0.28 0.00	20.81 -0.17 0.00	23.96 -0.18 0.00	24.41 -0.19 0.00	28.96 -0.16 0.00	36.00 -0.22 -0.03	32.00 -0.20 0.00	35.57 -0.25 0.00	51.80 -0.35 0.00	45.29 -0.38 0.00	43.91 -0.49 0.00	38.26 -0.54 0.00	32.42 -0.38 0.00	25.47 -0.22 0.00	20.70 -0.33 0.00
OCC_CHEM___DRP 24175	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.95 0.00	29.55 -1.79 0.00	30.09 -2.38 -0.20	35.80 -2.53 0.00	31.23 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.47 -1.13 0.00	27.76 -1.37 0.00	34.39 -1.83 -0.02	29.91 -2.28 0.00	32.89 -2.93 0.00	47.10 -5.06 0.00	41.50 -4.17 0.00	40.17 -4.23 0.00	35.18 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
OH_GEN_PROXY 24063	37.75 -0.99 0.00	30.15 -0.95 0.00	28.83 -0.93 0.00	24.95 -0.87 0.00	29.37 -0.97 0.00	26.60 -0.80 0.00	29.80 -1.54 0.00	30.39 -2.08 -0.20	32.13 -2.20 4.00	31.49 -1.22 0.00	19.27 -0.76 0.95	23.31 -0.83 0.00	23.68 -0.92 0.00	28.01 -1.11 0.00	34.70 -1.51 -0.02	30.23 -1.96 0.00	33.25 -2.57 0.00	47.72 -4.43 0.00	42.00 -3.67 0.00	42.49 -3.75 -1.84	35.56 -3.24 0.00	30.27 -2.53 0.00	23.83 -1.87 0.00	19.24 -1.79 0.00
OLIN_CORP_DRP 24177	37.70 -1.04 0.00	30.20 -0.90 0.00	28.87 -0.89 0.00	24.98 -0.84 0.00	29.41 -0.94 0.00	26.65 -0.75 0.00	29.80 -1.54 0.00	30.25 -2.23 -0.20	35.93 -2.40 0.00	31.32 -1.38 0.00	20.10 -0.88 0.00	23.18 -0.96 0.00	23.52 -1.08 0.00	27.80 -1.31 0.00	34.44 -1.77 -0.02	29.86 -2.33 0.00	32.81 -3.01 0.00	47.02 -5.13 0.00	41.49 -4.18 0.00	40.18 -4.22 0.00	35.20 -3.60 0.00	29.95 -2.86 0.00	23.55 -2.15 0.00	19.01 -2.02 0.00
OLIN_CORP_DSASP 323712	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.94 0.00	29.55 -1.79 0.00	30.09 -2.39 -0.20	35.79 -2.53 0.00	31.22 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.48 -1.13 0.00	27.76 -1.36 0.00	34.38 -1.84 -0.02	29.90 -2.29 0.00	32.88 -2.94 0.00	47.09 -5.06 0.00	41.50 -4.17 0.00	40.16 -4.24 0.00	35.17 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
ONEIDA_HERK_LFGE 323681	39.67 0.93 0.00	31.86 0.76 0.00	30.48 0.72 0.00	26.42 0.60 0.00	31.07 0.73 0.00	28.05 0.65 0.00	32.15 0.81 0.00	33.23 0.84 -0.12	39.02 0.69 0.00	33.06 0.35 0.00	21.13 0.15 0.00	24.24 0.10 0.00	24.67 0.07 0.00	29.20 0.08 0.00	36.32 0.12 -0.01	32.32 0.12 0.00	36.05 0.23 0.00	52.85 0.70 0.00	46.81 1.14 0.00	45.74 1.34 0.00	39.94 1.13 0.00	33.76 0.96 0.00	26.40 0.71 0.00	21.54 0.51 0.00
ONEIDA___115KV_TB4 55905	39.46 0.73 0.00	31.67 0.57 0.00	30.32 0.55 0.00	26.31 0.48 0.00	30.91 0.57 0.00	27.90 0.50 0.00	31.95 0.62 0.00	33.08 0.62 -0.19	38.80 0.47 0.00	32.91 0.21 0.00	21.06 0.07 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.18 0.06 0.00	36.29 0.08 -0.02	32.31 0.11 0.00	36.07 0.25 0.00	52.85 0.71 0.00	46.63 0.96 0.00	45.44 1.04 0.00	39.64 0.84 0.00	33.51 0.71 0.00	26.22 0.53 0.00	21.38 0.35 0.00
ONONDAGA_REF_OCCRA 23987	38.56 -0.18 0.00	30.90 -0.20 0.00	29.55 -0.21 0.00	25.64 -0.18 0.00	30.13 -0.21 0.00	27.20 -0.20 0.00	31.08 -0.26 0.00	32.31 -0.34 -0.38	37.86 -0.47 0.00	32.27 -0.43 0.00	20.68 -0.30 0.00	23.79 -0.35 0.00	24.24 -0.36 0.00	28.72 -0.40 0.00	35.71 -0.52 -0.04	31.74 -0.45 0.00	35.33 -0.49 0.00	51.53 -0.62 0.00	45.28 -0.39 0.00	43.98 -0.42 0.00	38.38 -0.42 0.00	32.49 -0.31 0.00	25.49 -0.20 0.00	20.78 -0.25 0.00
ONONDAGA___COGEN 23986	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
ONTARIO___LFGE 23819	38.71 -0.02 0.00	31.05 -0.06 0.00	29.71 -0.05 0.00	25.71 -0.11 0.00	30.26 -0.09 0.00	27.39 -0.01 0.00	31.20 -0.13 0.00	32.36 -0.30 -0.39	37.74 -0.58 0.00	32.14 -0.56 0.00	20.55 -0.43 0.00	23.66 -0.49 0.00	24.07 -0.53 0.00	28.58 -0.53 0.00	35.67 -0.57 -0.04	31.65 -0.55 0.00	35.23 -0.59 0.00	51.33 -0.82 0.00	45.44 -0.23 0.00	44.13 -0.27 0.00	38.43 -0.37 0.00	32.65 -0.15 0.00	25.61 -0.08 0.00	20.71 -0.32 0.00
ORANGEVILLE_WT_PWR 323706	37.90 -0.83 0.00	30.24 -0.87 0.00	28.86 -0.90 0.00	24.87 -0.95 0.00	29.30 -1.05 0.00	26.59 -0.81 0.00	29.89 -1.44 0.00	30.58 -1.91 -0.22	36.14 -2.19 0.00	31.28 -1.42 0.00	20.09 -0.88 0.00	23.17 -0.97 0.00	23.55 -1.06 0.00	27.97 -1.15 0.00	34.75 -1.46 -0.02	30.45 -1.75 0.00	33.60 -2.22 0.00	48.58 -3.57 0.00	42.86 -2.81 0.00	41.34 -3.06 0.00	35.91 -2.89 0.00	30.55 -2.25 0.00	24.04 -1.66 0.00	19.36 -1.68 0.00
ORANGEVILLE___ESR 323794	37.90 -0.83 0.00	30.24 -0.87 0.00	28.86 -0.90 0.00	24.87 -0.95 0.00	29.30 -1.05 0.00	26.59 -0.81 0.00	29.89 -1.44 0.00	30.58 -1.91 -0.22	36.14 -2.19 0.00	31.28 -1.42 0.00	20.09 -0.88 0.00	23.17 -0.97 0.00	23.55 -1.06 0.00	27.97 -1.15 0.00	34.75 -1.46 -0.02	30.45 -1.75 0.00	33.60 -2.22 0.00	48.58 -3.57 0.00	42.86 -2.81 0.00	41.34 -3.06 0.00	35.91 -2.89 0.00	30.55 -2.25 0.00	24.04 -1.66 0.00	19.36 -1.68 0.00
OSWEGATCHIE___HYD 24044	39.94 1.20 0.00	32.08 0.98 0.00	30.65 0.88 0.00	26.52 0.70 0.00	31.23 0.89 0.00	28.26 0.86 0.00	32.41 1.07 0.00	33.52 1.09 -0.16	39.26 0.93 0.00	33.22 0.52 0.00	21.20 0.22 0.00	24.31 0.17 0.00	24.74 0.14 0.00	29.25 0.13 0.00	36.37 0.15 -0.02	32.27 0.07 0.00	35.89 0.07 0.00	52.66 0.51 0.00	47.04 1.37 0.00	46.16 1.76 0.00	40.38 1.58 0.00	34.16 1.36 0.00	26.65 0.96 0.00	21.70 0.67 0.00
OSWEGO___5 23606	37.89 -0.85 0.00	30.39 -0.71 0.00	29.08 -0.68 0.00	25.22 -0.60 0.00	29.65 -0.70 0.00	26.77 -0.63 0.00	30.57 -0.77 0.00	32.85 -0.87 -1.45	37.25 -1.08 0.00	31.80 -0.90 0.00	20.39 -0.59 0.00	23.46 -0.68 0.00	23.90 -0.70 0.00	28.30 -0.82 0.00	35.29 -1.06 -0.15	31.28 -0.91 0.00	34.80 -1.02 0.00	50.71 -1.44 0.00	44.50 -1.17 0.00	43.25 -1.15 0.00	37.77 -1.03 0.00	31.95 -0.85 0.00	25.04 -0.65 0.00	20.45 -0.58 0.00
OSWEGO___6 23613	37.89 -0.85 0.00	30.39 -0.71 0.00	29.08 -0.68 0.00	25.22 -0.60 0.00	29.65 -0.70 0.00	26.77 -0.63 0.00	30.57 -0.77 0.00	32.85 -0.87 -1.45	37.25 -1.08 0.00	31.80 -0.90 0.00	20.39 -0.59 0.00	23.46 -0.68 0.00	23.90 -0.70 0.00	28.30 -0.82 0.00	35.29 -1.06 -0.15	31.28 -0.91 0.00	34.80 -1.02 0.00	50.71 -1.44 0.00	44.50 -1.17 0.00	43.25 -1.15 0.00	37.77 -1.03 0.00	31.95 -0.85 0.00	25.04 -0.65 0.00	20.45 -0.58 0.00

OUTOKUMPU-AB___DRP 24206	38.22 -0.52 0.00	30.51 -0.60 0.00	29.15 -0.61 0.00	25.21 -0.61 0.00	29.68 -0.67 0.00	26.88 -0.52 0.00	30.08 -1.26 0.00	30.65 -1.83 -0.20	36.42 -1.91 0.00	31.71 -0.99 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.84 -0.76 0.00	28.22 -0.90 0.00	34.98 -1.24 -0.02	30.45 -1.75 0.00	33.51 -2.31 0.00	48.12 -4.03 0.00	42.42 -3.25 0.00	41.03 -3.37 0.00	35.87 -2.93 0.00	30.52 -2.29 0.00	23.99 -1.70 0.00	19.35 -1.68 0.00
OXBOW___BTM 323836	37.87 -0.86 0.00	30.24 -0.86 0.00	28.90 -0.87 0.00	24.97 -0.84 0.00	29.42 -0.93 0.00	26.64 -0.75 0.00	29.79 -1.55 0.00	30.34 -2.13 -0.20	36.08 -2.25 0.00	31.45 -1.26 0.00	20.19 -0.79 0.00	23.29 -0.86 0.00	23.64 -0.96 0.00	27.97 -1.15 0.00	34.66 -1.56 -0.02	30.15 -2.04 0.00	33.18 -2.64 0.00	47.59 -4.56 0.00	41.95 -3.72 0.00	40.59 -3.81 0.00	35.50 -3.30 0.00	30.22 -2.58 0.00	23.76 -1.93 0.00	19.17 -1.86 0.00
OXBOW___ 24026	37.87 -0.86 0.00	30.24 -0.86 0.00	28.89 -0.87 0.00	24.98 -0.84 0.00	29.42 -0.92 0.00	26.64 -0.76 0.00	29.79 -1.55 0.00	30.34 -2.13 -0.20	36.09 -2.24 0.00	31.45 -1.25 0.00	20.19 -0.79 0.00	23.29 -0.85 0.00	23.64 -0.96 0.00	27.97 -1.15 0.00	34.66 -1.56 -0.02	30.17 -2.02 0.00	33.18 -2.64 0.00	47.59 -4.56 0.00	41.95 -3.72 0.00	40.59 -3.81 0.00	35.51 -3.29 0.00	30.22 -2.58 0.00	23.76 -1.93 0.00	19.17 -1.86 0.00
OXY_CHEM_DSASP 323612	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.95 0.00	29.55 -1.79 0.00	30.09 -2.38 -0.20	35.80 -2.53 0.00	31.23 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.47 -1.13 0.00	27.76 -1.37 0.00	34.39 -1.83 -0.02	29.91 -2.28 0.00	32.89 -2.93 0.00	47.10 -5.06 0.00	41.50 -4.17 0.00	40.17 -4.23 0.00	35.18 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
OZONE_PARK_ESR 323760	40.70 1.96 0.00	32.68 1.57 0.00	31.24 1.48 0.00	27.12 1.30 0.00	31.71 1.36 0.00	28.53 1.13 0.00	32.68 1.35 0.00	33.88 1.61 0.00	40.35 2.02 0.00	34.64 1.93 0.00	22.36 1.38 0.00	25.71 1.57 0.00	32.48 1.67 -6.20	32.29 2.03 -1.15	39.22 2.61 -0.42	34.93 2.38 -0.36	38.53 2.56 -0.15	55.67 3.52 0.00	48.23 2.56 0.00	46.66 2.26 0.00	40.58 1.78 0.00	34.33 1.52 0.00	26.94 1.25 0.00	22.14 1.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.95 0.00	29.55 -1.79 0.00	30.09 -2.38 -0.20	35.80 -2.53 0.00	31.23 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.47 -1.13 0.00	27.76 -1.37 0.00	34.39 -1.83 -0.02	29.91 -2.28 0.00	32.89 -2.93 0.00	47.10 -5.06 0.00	41.50 -4.17 0.00	40.17 -4.23 0.00	35.18 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
PACKARD__115KV_DUPONT_184 80571	37.58 -1.16 0.00	30.02 -1.09 0.00	28.67 -1.09 0.00	24.80 -1.03 0.00	29.20 -1.14 0.00	26.45 -0.95 0.00	29.55 -1.79 0.00	30.09 -2.38 -0.20	35.80 -2.53 0.00	31.23 -1.48 0.00	20.05 -0.93 0.00	23.13 -1.01 0.00	23.47 -1.13 0.00	27.76 -1.37 0.00	34.39 -1.83 -0.02	29.91 -2.28 0.00	32.89 -2.93 0.00	47.10 -5.06 0.00	41.50 -4.17 0.00	40.17 -4.23 0.00	35.18 -3.63 0.00	29.94 -2.86 0.00	23.56 -2.14 0.00	19.02 -2.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.27 1.53 0.00	32.36 1.26 0.00	30.96 1.20 0.00	26.85 1.03 0.00	31.39 1.05 0.00	28.27 0.87 0.00	32.44 1.10 0.00	33.63 1.36 0.00	40.04 1.71 0.00	34.35 1.65 0.00	22.19 1.21 0.00	25.50 1.36 0.00	32.25 1.44 -6.21	32.08 1.81 -1.15	38.90 2.28 -0.42	34.63 2.07 -0.36	38.16 2.19 -0.15	55.04 2.90 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.25 1.44 0.00	34.03 1.23 0.00	26.70 1.00 0.00	21.94 0.90 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.11 2.38 0.00	33.04 1.94 0.00	31.61 1.85 0.00	27.41 1.59 0.00	32.06 1.72 0.00	28.86 1.46 0.00	33.11 1.77 0.00	34.29 2.02 0.00	40.85 2.52 0.00	35.02 2.32 0.00	22.62 1.63 0.00	25.97 1.83 0.00	32.73 1.92 -6.21	32.62 2.35 -1.15	39.60 2.99 -0.42	35.24 2.68 -0.36	38.86 2.89 -0.15	56.03 3.88 0.00	48.57 2.90 0.00	47.03 2.63 0.00	40.98 2.18 0.00	34.65 1.85 0.00	27.17 1.47 0.00	22.33 1.30 0.00
PATROON__115KV_TB1 80586	38.76 0.02 0.00	31.18 0.08 0.00	29.88 0.11 0.00	25.95 0.13 0.00	30.43 0.08 0.00	27.48 0.09 0.00	31.49 0.15 0.00	32.50 0.23 0.00	38.56 0.23 0.00	32.78 0.08 0.00	21.07 0.09 0.00	24.21 0.07 0.00	22.20 0.13 2.53	28.75 0.10 0.47	36.08 0.06 0.17	32.19 0.15 0.15	35.96 0.20 0.06	52.36 0.22 0.00	45.72 0.05 0.00	44.45 0.05 0.00	38.90 0.10 0.00	32.95 0.15 0.00	25.82 0.13 0.00	21.26 0.23 0.00
PATTRSNVILLE___SOLAR 323815	39.63 0.89 0.00	31.82 0.72 0.00	30.46 0.69 0.00	26.42 0.60 0.00	31.03 0.68 0.00	27.99 0.60 0.00	32.07 0.73 0.00	33.01 0.74 0.00	38.87 0.54 0.00	32.91 0.21 0.00	21.03 0.05 0.00	24.19 0.05 0.00	22.55 0.08 2.13	28.82 0.09 0.39	36.14 0.09 0.14	32.18 0.11 0.12	36.00 0.23 0.05	52.90 0.75 0.00	46.60 0.93 0.00	45.43 1.03 0.00	39.73 0.92 0.00	33.53 0.73 0.00	26.26 0.57 0.00	21.53 0.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.16 -0.57 0.00	30.42 -0.68 0.00	29.09 -0.67 0.00	25.14 -0.68 0.00	29.59 -0.76 0.00	26.79 -0.61 0.00	30.08 -1.26 0.00	30.77 -1.71 -0.21	36.58 -1.75 0.00	31.82 -0.88 0.00	20.45 -0.53 0.00	23.58 -0.56 0.00	23.96 -0.64 0.00	28.40 -0.72 0.00	35.21 -1.01 -0.02	30.75 -1.44 0.00	33.84 -1.98 0.00	48.66 -3.49 0.00	42.76 -2.91 0.00	41.37 -3.03 0.00	36.11 -2.69 0.00	30.73 -2.08 0.00	24.19 -1.50 0.00	19.49 -1.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.30 1.57 0.00	32.39 1.28 0.00	30.96 1.20 0.00	26.89 1.07 0.00	31.47 1.13 0.00	28.34 0.95 0.00	32.49 1.15 0.00	33.65 1.38 0.00	40.06 1.74 0.00	34.27 1.58 0.00	22.06 1.08 0.00	25.36 1.22 0.00	32.60 1.31 -6.70	31.95 1.59 -1.24	38.70 2.05 -0.45	34.49 1.90 -0.39	38.09 2.11 -0.16	55.13 2.99 0.00	47.87 2.20 0.00	46.37 1.97 0.00	40.36 1.55 0.00	34.08 1.27 0.00	26.71 1.02 0.00	21.94 0.91 0.00
PEEKSKILL___ 23653	40.09 1.36 0.00	32.19 1.09 0.00	30.80 1.03 0.00	26.72 0.90 0.00	31.26 0.92 0.00	28.16 0.76 0.00	32.26 0.92 0.00	33.40 1.13 0.00	39.75 1.42 0.00	34.03 1.33 0.00	21.93 0.95 0.00	25.22 1.08 0.00	31.10 1.16 -5.34	31.52 1.42 -0.99	38.41 1.85 -0.36	34.20 1.69 -0.31	37.78 1.84 -0.13	54.66 2.51 0.00	47.43 1.76 0.00	45.94 1.54 0.00	39.97 1.17 0.00	33.76 0.96 0.00	26.51 0.81 0.00	21.79 0.75 0.00
PGE MADISON___WINDPWR 24146	40.24 1.51 0.00	32.44 1.33 0.00	30.78 1.02 0.00	26.76 0.94 0.00	31.73 1.39 0.00	28.73 1.33 0.00	32.92 1.59 0.00	34.12 1.60 -0.25	39.79 1.46 0.00	33.52 0.82 0.00	21.33 0.36 0.00	24.49 0.35 0.00	24.90 0.30 0.00	29.52 0.40 0.00	36.73 0.51 -0.03	32.74 0.54 0.00	36.83 1.01 0.00	54.64 2.49 0.00	48.38 2.71 0.00	47.10 2.71 0.00	40.97 2.17 0.00	34.55 1.75 0.00	26.93 1.24 0.00	21.64 0.60 0.00

PIERCEFIELD___HYD 23852	39.81 1.08 0.00	31.98 0.88 0.00	30.52 0.76 0.00	26.41 0.59 0.00	31.11 0.77 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.36 1.01 -0.08	39.34 1.01 0.00	33.46 0.76 0.00	21.41 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.45 0.00	36.32 0.50 0.00	53.15 1.00 0.00	47.21 1.54 0.00	46.16 1.76 0.00	40.40 1.60 0.00	34.08 1.27 0.00	26.55 0.86 0.00	21.64 0.60 0.00
PINELAWN_CC_1 323563	40.55 1.82 0.00	32.50 1.40 0.00	30.97 1.21 0.00	26.82 1.00 0.00	31.31 0.96 0.00	28.18 0.78 0.00	34.35 1.15 -1.87	36.47 1.76 -2.44	40.40 2.07 0.00	34.58 1.88 0.00	22.41 1.42 -0.01	25.71 1.57 0.00	33.10 1.68 -6.83	41.32 2.05 -10.15	40.72 2.61 -1.92	36.33 2.37 -1.77	38.51 2.54 -0.15	55.51 3.36 0.00	47.96 2.29 0.00	46.42 2.02 0.00	37.06 1.30 3.04	33.74 0.94 0.00	26.47 0.77 0.00	21.91 0.88 0.00
PJM_GEN_HTP_PROXY 323702	40.12 1.50 0.11	32.31 1.21 0.00	30.92 1.16 0.00	26.85 1.03 0.00	31.39 1.05 0.00	28.25 0.85 0.00	32.37 1.03 0.00	33.56 1.29 0.00	39.97 1.64 0.00	34.30 1.60 0.00	22.13 1.15 0.00	25.45 1.31 0.00	32.19 1.40 -6.19	31.95 1.69 -1.14	38.79 2.18 -0.42	34.55 1.99 -0.36	38.11 2.14 -0.15	55.06 2.91 0.00	47.69 2.02 0.00	46.16 1.77 0.00	38.07 1.37 2.11	33.97 1.17 0.00	26.67 0.97 0.00	21.92 0.89 0.00
PJM_GEN_KEystone 24065	38.77 -0.05 -0.09	30.99 -0.11 0.00	6.37 -0.05 23.33	25.50 -0.06 0.25	21.79 -0.11 8.44	-14.81 -0.12 42.09	23.49 -0.35 7.50	-15.28 -0.43 47.12	36.82 -0.35 1.17	31.97 0.06 0.78	-21.61 0.11 42.71	22.92 0.15 1.38	26.59 0.19 -1.80	29.28 0.29 0.13	36.00 0.32 0.51	31.88 0.08 0.40	35.18 -0.12 0.52	50.98 -0.53 0.65	44.66 -0.70 0.30	43.03 -0.91 0.46	35.24 -0.96 2.60	31.99 -0.70 0.12	25.31 -0.39 0.00	20.60 -0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.05 1.43 0.11	32.24 1.14 0.00	30.75 0.99 0.00	26.65 0.83 0.00	31.12 0.78 0.00	28.02 0.62 0.00	34.18 0.97 -1.87	36.31 1.60 -2.44	40.24 1.91 0.00	34.48 1.78 0.00	22.33 1.35 -0.01	25.64 1.50 0.00	33.02 1.59 -6.83	41.20 1.92 -10.15	40.56 2.44 -1.92	36.17 2.21 -1.77	38.30 2.33 -0.15	55.18 3.03 0.00	47.67 2.00 0.00	46.16 1.77 0.00	34.41 1.05 5.44	33.51 0.70 0.00	26.29 0.60 0.00	21.75 0.72 0.00
PJM_GEN_VFT_PROXY 323633	39.88 1.30 0.14	32.17 1.07 0.00	-302.54 1.03 333.33	23.10 0.93 3.65	-89.36 0.93 120.63	-573.12 0.72 601.25	-74.91 0.87 107.12	-641.53 1.12 674.91	23.10 1.42 16.65	22.94 1.42 11.18	-588.08 1.04 610.11	5.68 1.18 19.65	21.14 1.26 4.72	23.18 1.54 7.48	28.63 1.99 9.56	26.59 1.84 7.45	29.63 1.95 8.14	45.57 2.65 9.24	43.13 1.82 4.36	39.31 1.54 6.62	30.77 1.17 9.20	32.17 1.02 1.65	26.58 0.89 0.00	21.86 0.83 0.00
PLATSBURG_115KV_PMLD1 355749	40.94 2.20 0.00	32.76 1.66 0.00	31.01 1.25 0.00	26.63 0.81 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.17 1.90 0.00	40.33 2.00 0.00	34.48 1.78 0.00	22.00 1.02 0.00	25.32 1.18 0.00	25.96 1.36 0.00	30.77 1.65 0.00	38.34 2.15 0.00	34.02 1.82 0.00	37.88 2.06 0.00	55.33 3.18 0.00	48.46 2.79 0.00	47.33 2.93 0.00	41.42 2.62 0.00	34.83 2.03 0.00	26.97 1.27 0.00	21.97 0.94 0.00
PLEASANTVLY___LBMP 24000	39.81 1.08 0.00	32.00 0.90 0.00	30.62 0.86 0.00	26.59 0.77 0.00	31.13 0.78 0.00	28.03 0.63 0.00	32.14 0.80 0.00	33.27 1.00 0.00	39.58 1.25 0.00	33.86 1.15 0.00	21.78 0.80 0.00	25.05 0.91 0.00	28.90 0.98 -3.32	30.92 1.19 -0.61	37.96 1.54 -0.22	33.81 1.43 -0.19	37.44 1.54 -0.08	54.25 2.10 0.00	47.12 1.45 0.00	45.65 1.25 0.00	39.78 0.97 0.00	33.61 0.80 0.00	26.36 0.67 0.00	21.69 0.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.08 1.34 0.00	32.26 1.16 0.00	30.87 1.11 0.00	26.80 0.97 0.00	31.35 1.00 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.51 1.24 0.00	39.90 1.57 0.00	34.17 1.47 0.00	22.02 1.03 0.00	25.31 1.17 0.00	33.45 1.25 -7.59	32.05 1.52 -1.41	38.68 1.97 -0.52	34.46 1.82 -0.44	37.97 1.96 -0.18	54.84 2.69 0.00	47.57 1.90 0.00	46.07 1.67 0.00	40.09 1.29 0.00	33.87 1.07 0.00	26.58 0.88 0.00	21.85 0.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.08 1.34 0.00	32.26 1.16 0.00	30.87 1.11 0.00	26.80 0.97 0.00	31.35 1.00 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.51 1.24 0.00	39.90 1.57 0.00	34.17 1.47 0.00	22.02 1.03 0.00	25.31 1.17 0.00	33.45 1.25 -7.59	32.05 1.52 -1.41	38.68 1.97 -0.52	34.46 1.82 -0.44	37.97 1.96 -0.18	54.84 2.69 0.00	47.57 1.90 0.00	46.07 1.67 0.00	40.09 1.29 0.00	33.87 1.07 0.00	26.58 0.88 0.00	21.85 0.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.03 1.29 0.00	32.21 1.11 0.00	30.82 1.05 0.00	26.75 0.93 0.00	31.33 0.98 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.47 1.21 0.00	39.82 1.49 0.00	34.04 1.34 0.00	21.88 0.89 0.00	25.15 1.00 0.00	31.68 1.06 -6.01	31.53 1.30 -1.11	38.28 1.69 -0.41	34.13 1.58 -0.35	37.74 1.77 -0.14	54.70 2.55 0.00	47.59 1.92 0.00	46.15 1.75 0.00	40.18 1.38 0.00	33.93 1.13 0.00	26.61 0.91 0.00	21.85 0.82 0.00
POLETTI____ 23519	32.78 1.22 7.18	26.66 1.03 5.48	27.92 0.97 2.81	24.83 0.83 1.81	24.84 0.80 6.32	24.83 0.65 3.22	24.82 0.84 7.35	24.82 1.09 8.53	26.29 1.42 13.46	26.46 1.38 7.61	22.13 1.15 0.00	25.40 1.26 0.00	26.15 1.25 -0.30	26.23 1.56 4.45	26.23 1.99 11.94	26.24 1.81 7.76	26.24 1.90 11.48	41.02 2.45 13.58	36.38 1.63 10.92	33.65 1.40 12.14	28.19 1.10 11.72	27.72 0.97 6.05	25.66 0.81 0.85	21.64 0.76 0.15
POMONA___ESR 323819	39.97 1.24 0.00	32.14 1.04 0.00	30.79 1.03 0.00	26.76 0.94 0.00	31.32 0.97 0.00	28.20 0.81 0.00	32.30 0.96 0.00	33.41 1.15 0.00	39.77 1.44 0.00	34.04 1.34 0.00	21.93 0.95 0.00	25.22 1.08 0.00	30.65 1.18 -4.87	31.47 1.45 -0.90	38.42 1.90 -0.33	34.22 1.74 -0.29	37.83 1.89 -0.12	54.75 2.60 0.00	47.51 1.84 0.00	46.03 1.63 0.00	40.02 1.21 0.00	33.80 0.99 0.00	26.54 0.84 0.00	21.81 0.78 0.00
PORT_JEFF_3 23555	40.31 1.57 0.00	32.22 1.11 0.00	30.68 0.92 0.00	26.56 0.74 0.00	30.99 0.64 0.00	27.90 0.50 0.00	34.07 0.86 -1.87	36.23 1.52 -2.44	40.07 1.74 0.00	34.30 1.59 0.00	22.27 1.28 -0.01	25.52 1.38 0.00	32.92 1.49 -6.83	41.14 1.87 -10.15	40.55 2.43 -1.92	36.19 2.23 -1.77	38.39 2.42 -0.15	55.28 3.13 0.00	47.75 2.08 0.00	46.19 1.79 0.00	36.63 1.04 3.22	33.51 0.70 0.00	26.29 0.59 0.00	21.78 0.75 0.00
PORT_JEFF_4 23616	40.31 1.57 0.00	32.22 1.11 0.00	30.68 0.92 0.00	26.56 0.74 0.00	30.99 0.64 0.00	27.90 0.50 0.00	34.07 0.86 -1.87	36.23 1.52 -2.44	40.07 1.74 0.00	34.30 1.59 0.00	22.27 1.28 -0.01	25.52 1.38 0.00	32.92 1.49 -6.83	41.14 1.87 -10.15	40.55 2.43 -1.92	36.19 2.23 -1.77	38.39 2.42 -0.15	55.28 3.13 0.00	47.75 2.08 0.00	46.19 1.79 0.00	36.63 1.04 3.22	33.51 0.70 0.00	26.29 0.59 0.00	21.78 0.75 0.00

PORT_JEFF_IC 23713	40.36 1.63 0.00	32.25 1.15 0.00	30.73 0.97 0.00	26.59 0.77 0.00	31.02 0.67 0.00	27.93 0.54 0.00	34.10 0.90 -1.87	36.26 1.55 -2.44	40.12 1.79 0.00	34.34 1.64 0.00	22.30 1.31 -0.01	25.55 1.40 0.00	32.93 1.51 -6.83	41.18 1.92 -10.15	40.59 2.48 -1.92	36.24 2.28 -1.77	38.45 2.48 -0.15	55.38 3.23 0.00	47.83 2.16 0.00	46.25 1.85 0.00	36.68 1.08 3.21	33.55 0.75 0.00	26.31 0.62 0.00	21.80 0.77 0.00
PPL PILGRIM_ST_GT1 24216	40.68 1.95 0.00	32.56 1.46 0.00	31.02 1.26 0.00	26.85 1.03 0.00	31.33 0.98 0.00	28.20 0.80 0.00	34.40 1.20 -1.87	36.52 1.82 -2.44	40.45 2.12 0.00	34.63 1.93 0.00	22.47 1.48 -0.01	25.77 1.63 0.00	33.18 1.75 -6.83	41.42 2.15 -10.15	40.90 2.78 -1.92	36.48 2.52 -1.77	38.67 2.70 -0.15	55.68 3.53 0.00	47.97 2.30 0.00	46.38 1.98 0.00	36.92 1.31 3.19	33.77 0.97 0.00	26.49 0.80 0.00	21.94 0.91 0.00
PPL PILGRIM_ST_GT2 24217	40.68 1.95 0.00	32.56 1.46 0.00	31.02 1.26 0.00	26.85 1.03 0.00	31.33 0.98 0.00	28.20 0.80 0.00	34.40 1.20 -1.87	36.52 1.82 -2.44	40.45 2.12 0.00	34.63 1.93 0.00	22.47 1.48 -0.01	25.77 1.63 0.00	33.18 1.75 -6.83	41.42 2.15 -10.15	40.90 2.78 -1.92	36.48 2.52 -1.77	38.67 2.70 -0.15	55.68 3.53 0.00	47.97 2.30 0.00	46.38 1.98 0.00	36.92 1.31 3.19	33.77 0.97 0.00	26.49 0.80 0.00	21.94 0.91 0.00
PPL_SHRM_GT3 24213	39.81 1.07 0.00	31.79 0.69 0.00	30.26 0.50 0.00	26.20 0.38 0.00	30.56 0.21 0.00	27.52 0.12 0.00	33.66 0.46 -1.87	35.89 1.18 -2.44	39.57 1.25 0.00	33.87 1.17 0.00	22.00 1.01 -0.01	25.18 1.04 0.00	32.58 1.15 -6.83	40.76 1.49 -10.15	40.09 1.98 -1.92	35.83 1.87 -1.77	38.03 2.06 -0.15	54.80 2.66 0.00	47.36 1.69 0.00	45.80 1.40 0.00	36.25 0.66 3.21	33.18 0.38 0.00	26.03 0.33 0.00	21.57 0.54 0.00
PPL_SHRM_GT4 24214	39.81 1.07 0.00	31.79 0.69 0.00	30.26 0.50 0.00	26.20 0.38 0.00	30.56 0.21 0.00	27.52 0.12 0.00	33.66 0.46 -1.87	35.89 1.18 -2.44	39.57 1.25 0.00	33.87 1.17 0.00	22.00 1.01 -0.01	25.18 1.04 0.00	32.58 1.15 -6.83	40.76 1.49 -10.15	40.09 1.98 -1.92	35.83 1.87 -1.77	38.03 2.06 -0.15	54.80 2.66 0.00	47.36 1.69 0.00	45.80 1.40 0.00	36.25 0.66 3.21	33.18 0.38 0.00	26.03 0.33 0.00	21.57 0.54 0.00
PROJECT___ORANGE 1 24174	38.37 -0.37 0.00	30.76 -0.34 0.00	29.43 -0.34 0.00	25.52 -0.30 0.00	29.99 -0.35 0.00	27.08 -0.32 0.00	30.93 -0.41 0.00	32.11 -0.50 -0.34	37.68 -0.64 0.00	32.14 -0.56 0.00	20.61 -0.38 0.00	23.71 -0.43 0.00	24.16 -0.44 0.00	28.61 -0.51 0.00	35.57 -0.66 -0.04	31.62 -0.58 0.00	35.18 -0.64 0.00	51.26 -0.89 0.00	44.98 -0.69 0.00	43.71 -0.69 0.00	38.14 -0.67 0.00	32.29 -0.51 0.00	25.35 -0.35 0.00	20.67 -0.36 0.00
PROJECT___ORANGE 2 24166	38.37 -0.37 0.00	30.76 -0.34 0.00	29.43 -0.34 0.00	25.52 -0.30 0.00	29.99 -0.35 0.00	27.08 -0.32 0.00	30.93 -0.41 0.00	32.11 -0.50 -0.34	37.68 -0.64 0.00	32.14 -0.56 0.00	20.61 -0.38 0.00	23.71 -0.43 0.00	24.16 -0.44 0.00	28.61 -0.51 0.00	35.57 -0.66 -0.04	31.62 -0.58 0.00	35.18 -0.64 0.00	51.26 -0.89 0.00	44.98 -0.69 0.00	43.71 -0.69 0.00	38.14 -0.67 0.00	32.29 -0.51 0.00	25.35 -0.35 0.00	20.67 -0.36 0.00
PUCKETT___SOLAR 323809	38.92 0.19 0.00	31.25 0.14 0.00	29.78 0.03 0.00	25.87 0.05 0.00	30.54 0.20 0.00	27.59 0.19 0.00	31.51 0.17 0.00	32.62 0.11 -0.24	38.32 0.00 0.00	32.57 -0.13 0.00	20.79 -0.19 0.00	23.89 -0.25 0.00	24.31 -0.28 0.00	28.84 -0.28 0.00	35.88 -0.34 -0.03	31.94 -0.26 0.00	35.64 -0.18 0.00	52.22 0.08 0.00	45.98 0.31 0.00	44.68 0.28 0.00	38.93 0.13 0.00	32.95 0.14 0.00	25.80 0.11 0.00	20.87 -0.16 0.00
PYRITES___HYD 24023	40.32 1.59 0.00	32.39 1.29 0.00	30.93 1.17 0.00	26.77 0.95 0.00	31.53 1.19 0.00	28.59 1.19 0.00	32.77 1.44 0.00	33.80 1.45 -0.08	39.60 1.28 0.00	33.53 0.83 0.00	21.45 0.46 0.00	24.67 0.53 0.00	25.09 0.49 0.00	29.65 0.53 0.00	36.91 0.71 -0.01	32.71 0.52 0.00	36.39 0.57 0.00	53.35 1.21 0.00	47.85 2.18 0.00	46.88 2.48 0.00	41.02 2.22 0.00	34.59 1.78 0.00	26.93 1.24 0.00	21.93 0.89 0.00
QUAKERRD_115KV_BK1 80622	37.73 -1.01 0.00	30.19 -0.91 0.00	28.87 -0.90 0.00	25.01 -0.81 0.00	29.41 -0.93 0.00	26.59 -0.81 0.00	30.21 -1.13 0.00	31.12 -1.35 -0.19	36.74 -1.59 0.00	31.51 -1.19 0.00	20.19 -0.79 0.00	23.25 -0.89 0.00	23.66 -0.94 0.00	28.01 -1.11 0.00	34.78 -1.43 -0.02	30.75 -1.44 0.00	34.15 -1.67 0.00	49.73 -2.42 0.00	43.82 -1.85 0.00	42.53 -1.87 0.00	37.13 -1.67 0.00	31.42 -1.38 0.00	24.62 -1.07 0.00	20.01 -1.02 0.00
QUENSBRY_115KV_TB8 356137	39.89 1.15 0.00	32.05 0.95 0.00	30.79 1.03 0.00	26.64 0.82 0.00	31.24 0.90 0.00	28.24 0.84 0.00	32.51 1.18 0.00	33.57 1.30 0.00	40.11 1.78 0.00	33.97 1.27 0.00	21.55 0.57 0.00	24.81 0.66 0.00	22.50 0.73 2.82	29.44 0.85 0.52	36.83 0.83 0.19	32.51 0.48 0.17	36.48 0.73 0.07	53.72 1.57 0.00	47.05 1.38 0.00	46.03 1.63 0.00	40.35 1.55 0.00	34.06 1.26 0.00	26.64 0.95 0.00	21.96 0.93 0.00
RAMAPO___LBMP 323565	39.78 1.04 0.00	31.98 0.88 0.00	30.64 0.88 0.00	26.64 0.82 0.00	31.19 0.85 0.00	28.10 0.70 0.00	32.17 0.83 0.00	33.26 0.99 0.00	39.58 1.25 0.00	33.88 1.17 0.00	21.82 0.84 0.00	25.09 0.95 0.00	30.39 1.04 -4.75	31.28 1.28 -0.88	38.19 1.68 -0.32	34.01 1.54 -0.28	37.60 1.67 -0.11	54.43 2.28 0.00	47.26 1.59 0.00	45.80 1.40 0.00	39.82 1.02 0.00	33.64 0.84 0.00	26.42 0.72 0.00	21.71 0.68 0.00
RANKINE____ 23646	38.26 -0.48 0.00	30.51 -0.59 0.00	29.16 -0.60 0.00	25.19 -0.63 0.00	29.65 -0.69 0.00	26.87 -0.53 0.00	30.11 -1.23 0.00	30.74 -1.74 -0.21	36.53 -1.80 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.58 -0.56 0.00	23.94 -0.66 0.00	28.38 -0.74 0.00	35.20 -1.01 -0.02	30.72 -1.47 0.00	33.82 -2.00 0.00	48.63 -3.52 0.00	42.77 -2.91 0.00	41.33 -3.07 0.00	36.06 -2.74 0.00	30.68 -2.12 0.00	24.13 -1.56 0.00	19.45 -1.58 0.00
RAVENSWOOD_GT2_1 24244	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.27 0.87 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.32 1.61 0.00	22.15 1.17 0.00	25.47 1.33 0.00	32.23 1.41 -6.21	31.99 1.72 -1.15	38.83 2.22 -0.42	34.58 2.02 -0.36	38.14 2.17 -0.15	55.09 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.20 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT2_2 24245	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.27 0.87 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.32 1.61 0.00	22.15 1.17 0.00	25.47 1.33 0.00	32.23 1.41 -6.21	31.99 1.72 -1.15	38.83 2.22 -0.42	34.58 2.02 -0.36	38.14 2.17 -0.15	55.09 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.20 0.00	26.69 1.00 0.00	21.94 0.91 0.00

RAVENSWOOD_GT2_3 24246	40.29 1.55 0.00	32.36 1.26 0.00	30.96 1.20 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.29 0.89 0.00	32.42 1.08 0.00	33.61 1.34 0.00	40.01 1.68 0.00	34.33 1.63 0.00	22.16 1.18 0.00	25.48 1.34 0.00	32.24 1.43 -6.21	32.00 1.73 -1.15	38.86 2.24 -0.42	34.61 2.05 -0.36	38.16 2.19 -0.15	55.11 2.96 0.00	47.75 2.08 0.00	46.21 1.81 0.00	40.23 1.42 0.00	34.02 1.22 0.00	26.70 1.01 0.00	21.95 0.92 0.00
RAVENSWOOD_GT2_4 24247	40.29 1.55 0.00	32.36 1.26 0.00	30.96 1.20 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.29 0.89 0.00	32.42 1.08 0.00	33.61 1.34 0.00	40.01 1.68 0.00	34.33 1.63 0.00	22.16 1.18 0.00	25.48 1.34 0.00	32.24 1.43 -6.21	32.00 1.73 -1.15	38.86 2.24 -0.42	34.61 2.05 -0.36	38.16 2.19 -0.15	55.11 2.96 0.00	47.75 2.08 0.00	46.21 1.81 0.00	40.23 1.42 0.00	34.02 1.22 0.00	26.70 1.01 0.00	21.95 0.92 0.00
RAVENSWOOD_GT3_1 24248	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.32 1.61 0.00	22.15 1.17 0.00	25.47 1.33 0.00	32.23 1.41 -6.21	31.99 1.72 -1.15	38.83 2.22 -0.42	34.58 2.02 -0.36	38.14 2.17 -0.15	55.09 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.20 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT3_2 24249	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.32 1.61 0.00	22.15 1.17 0.00	25.47 1.33 0.00	32.23 1.41 -6.21	31.99 1.72 -1.15	38.83 2.22 -0.42	34.58 2.02 -0.36	38.14 2.17 -0.15	55.09 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.20 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT3_3 24250	40.33 1.59 0.00	32.40 1.30 0.00	30.99 1.23 0.00	26.91 1.09 0.00	31.46 1.12 0.00	28.32 0.92 0.00	32.45 1.12 0.00	33.65 1.38 0.00	40.06 1.72 0.00	34.37 1.67 0.00	22.18 1.21 0.00	25.51 1.37 0.00	32.27 1.45 -6.21	32.05 1.78 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.81 2.14 0.00	46.28 1.88 0.00	40.27 1.46 0.00	34.06 1.25 0.00	26.74 1.04 0.00	21.97 0.94 0.00
RAVENSWOOD_GT3_4 24251	40.33 1.59 0.00	32.40 1.30 0.00	30.99 1.23 0.00	26.91 1.09 0.00	31.46 1.12 0.00	28.32 0.92 0.00	32.45 1.12 0.00	33.65 1.38 0.00	40.06 1.72 0.00	34.37 1.67 0.00	22.18 1.21 0.00	25.51 1.37 0.00	32.27 1.45 -6.21	32.05 1.78 -1.15	38.89 2.28 -0.42	34.64 2.08 -0.36	38.20 2.23 -0.15	55.18 3.03 0.00	47.81 2.14 0.00	46.28 1.88 0.00	40.27 1.46 0.00	34.06 1.25 0.00	26.74 1.04 0.00	21.97 0.94 0.00
RAVENSWOOD_GT_1 23729	40.34 1.61 0.00	32.43 1.33 0.00	31.02 1.26 0.00	26.92 1.10 0.00	31.48 1.13 0.00	28.33 0.93 0.00	32.50 1.16 0.00	33.72 1.42 -0.03	40.10 1.77 0.00	34.53 1.73 -0.09	28.80 1.26 -6.56	25.78 1.42 -0.21	32.45 1.51 -6.34	32.23 1.86 -1.25	39.10 2.38 -0.53	34.80 2.16 -0.45	38.36 2.30 -0.24	55.22 3.07 0.00	47.82 2.15 0.00	46.29 1.89 0.00	40.30 1.50 0.00	34.10 1.30 0.00	26.76 1.07 0.00	21.99 0.96 0.00
RAVENSWOOD_GT_10 24258	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.33 1.61 -0.01	22.90 1.17 -0.76	25.50 1.33 -0.02	32.24 1.41 -6.23	32.00 1.72 -1.16	38.84 2.21 -0.43	34.59 2.02 -0.37	38.15 2.17 -0.16	55.08 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_11 24259	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.33 1.61 -0.01	22.90 1.17 -0.76	25.50 1.33 -0.02	32.24 1.41 -6.23	32.00 1.72 -1.16	38.84 2.21 -0.43	34.59 2.02 -0.37	38.15 2.17 -0.16	55.08 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_4 24252	40.27 1.53 0.00	32.34 1.24 0.00	30.94 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.06 0.00	33.60 1.31 -0.02	40.00 1.67 0.00	34.38 1.60 -0.07	27.13 1.16 -4.99	25.62 1.32 -0.16	32.31 1.40 -6.31	32.05 1.70 -1.23	38.90 2.21 -0.50	34.64 2.02 -0.43	38.19 2.16 -0.22	55.08 2.93 0.00	47.72 2.05 0.00	46.19 1.79 0.00	40.20 1.40 0.00	33.99 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_5 24254	40.27 1.53 0.00	32.34 1.24 0.00	30.94 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.06 0.00	33.60 1.31 -0.02	40.00 1.67 0.00	34.38 1.60 -0.07	27.13 1.16 -4.99	25.62 1.32 -0.16	32.31 1.40 -6.31	32.05 1.70 -1.23	38.90 2.21 -0.50	34.64 2.02 -0.43	38.19 2.16 -0.22	55.08 2.93 0.00	47.72 2.05 0.00	46.19 1.79 0.00	40.20 1.40 0.00	33.99 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_6 24253	40.27 1.53 0.00	32.34 1.24 0.00	30.94 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.06 0.00	33.60 1.31 -0.02	40.00 1.67 0.00	34.38 1.60 -0.07	27.13 1.16 -4.99	25.62 1.32 -0.16	32.31 1.40 -6.31	32.05 1.70 -1.23	38.90 2.21 -0.50	34.64 2.02 -0.43	38.19 2.16 -0.22	55.08 2.93 0.00	47.72 2.05 0.00	46.19 1.79 0.00	40.20 1.40 0.00	33.99 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_7 24255	40.27 1.53 0.00	32.34 1.24 0.00	30.94 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.06 0.00	33.60 1.31 -0.02	40.00 1.67 0.00	34.38 1.60 -0.07	27.13 1.16 -4.99	25.62 1.32 -0.16	32.31 1.40 -6.31	32.05 1.70 -1.23	38.90 2.21 -0.50	34.64 2.02 -0.43	38.19 2.16 -0.22	55.08 2.93 0.00	47.72 2.05 0.00	46.19 1.79 0.00	40.20 1.40 0.00	33.99 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.33 1.61 -0.01	22.90 1.17 -0.76	25.50 1.33 -0.02	32.24 1.41 -6.23	32.00 1.72 -1.16	38.84 2.21 -0.43	34.59 2.02 -0.37	38.15 2.17 -0.16	55.08 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD_GT_9 24257	40.27 1.53 0.00	32.34 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.33 1.61 -0.01	22.90 1.17 -0.76	25.50 1.33 -0.02	32.24 1.41 -6.23	32.00 1.72 -1.16	38.84 2.21 -0.43	34.59 2.02 -0.37	38.15 2.17 -0.16	55.08 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.19 0.00	26.69 1.00 0.00	21.94 0.91 0.00

RAVENSWOOD___1 23533	40.30 1.56 0.00	32.39 1.28 0.00	30.98 1.22 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.30 0.90 0.00	32.46 1.13 0.00	33.62 1.38 0.03	40.04 1.71 0.00	34.29 1.68 0.09	15.75 1.23 6.46	25.33 1.40 0.21	32.19 1.49 -6.10	31.99 1.82 -1.05	38.84 2.33 -0.32	34.59 2.12 -0.28	38.14 2.26 -0.06	55.13 2.99 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.25 1.45 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.95 0.92 0.00
RAVENSWOOD___2 23534	40.30 1.56 0.00	32.39 1.28 0.00	30.98 1.22 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.30 0.90 0.00	32.46 1.13 0.00	33.62 1.38 0.03	40.04 1.71 0.00	34.29 1.68 0.09	15.75 1.23 6.46	25.33 1.40 0.21	32.19 1.49 -6.10	31.99 1.82 -1.05	38.84 2.33 -0.32	34.59 2.12 -0.28	38.14 2.26 -0.06	55.13 2.99 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.25 1.45 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.95 0.92 0.00
RAVENSWOOD___3 23535	40.27 1.53 0.00	32.35 1.25 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.27 0.87 0.00	32.41 1.07 0.00	33.59 1.32 0.00	40.00 1.67 0.00	34.32 1.61 0.00	22.15 1.17 0.00	25.47 1.33 0.00	32.24 1.42 -6.21	31.99 1.72 -1.15	38.84 2.22 -0.42	34.58 2.03 -0.36	38.14 2.17 -0.15	55.09 2.94 0.00	47.73 2.06 0.00	46.20 1.80 0.00	40.20 1.40 0.00	34.00 1.20 0.00	26.69 1.00 0.00	21.94 0.91 0.00
RAVENSWOOD___4 23820	40.30 1.56 0.00	32.39 1.28 0.00	30.98 1.22 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.30 0.90 0.00	32.46 1.13 0.00	33.62 1.38 0.03	40.04 1.71 0.00	34.29 1.68 0.09	15.75 1.23 6.46	25.33 1.40 0.21	32.19 1.49 -6.10	31.99 1.82 -1.05	38.84 2.33 -0.32	34.59 2.12 -0.28	38.14 2.26 -0.06	55.13 2.99 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.25 1.45 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.95 0.92 0.00
RCPL_TRUST___DRP 24196	40.28 1.54 0.00	32.35 1.24 0.00	30.95 1.18 0.00	26.87 1.05 0.00	31.41 1.07 0.00	28.28 0.88 0.00	32.40 1.06 0.00	33.59 1.32 0.00	40.01 1.68 0.00	34.34 1.63 0.00	22.16 1.18 0.00	25.48 1.34 0.00	32.22 1.43 -6.19	32.00 1.73 -1.14	38.85 2.24 -0.42	34.60 2.05 -0.36	38.16 2.19 -0.15	55.13 2.98 0.00	47.76 2.09 0.00	46.22 1.82 0.00	40.22 1.42 0.00	34.02 1.22 0.00	26.70 1.00 0.00	21.95 0.91 0.00
RED___ROCHESTER 323720	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.36 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.35 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.52 -0.68 0.00	35.01 -0.81 0.00	50.93 -1.22 0.00	44.95 -0.73 0.00	43.61 -0.80 0.00	38.06 -0.75 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
REGAN___SOLAR 323812	40.46 1.73 0.00	32.48 1.38 0.00	31.05 1.29 0.00	26.91 1.09 0.00	31.63 1.28 0.00	28.55 1.16 0.00	32.72 1.38 0.00	33.59 1.32 0.00	38.95 0.62 0.00	32.42 -0.28 0.00	20.61 -0.37 0.00	23.68 -0.46 0.00	22.26 -0.41 1.93	28.22 -0.54 0.36	35.40 -0.67 0.13	31.63 -0.45 0.11	35.48 -0.29 0.05	52.99 0.83 0.00	47.50 1.83 0.00	46.61 2.21 0.00	40.74 1.93 0.00	34.30 1.50 0.00	26.81 1.11 0.00	21.90 0.87 0.00
RENSSELAER___COGEN 23796	38.53 -0.21 0.00	31.01 -0.10 0.00	29.72 -0.05 0.00	25.82 0.00 0.00	30.27 -0.07 0.00	27.35 -0.05 0.00	31.34 0.00 0.00	32.35 0.08 0.00	38.39 0.06 0.00	32.65 -0.05 0.00	20.99 0.00 0.00	24.12 -0.02 0.00	22.18 0.03 2.45	28.65 -0.02 0.45	35.93 -0.10 0.17	32.05 0.00 0.14	35.77 0.01 0.06	52.03 -0.11 0.00	45.44 -0.23 0.00	44.17 -0.23 0.00	38.67 -0.13 0.00	32.76 -0.04 0.00	25.68 -0.02 0.00	21.16 0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.67 2.94 0.00	33.66 2.56 0.00	32.43 2.67 0.00	27.95 2.13 0.00	32.67 2.33 0.00	29.62 2.21 0.00	34.26 2.92 0.00	35.39 3.12 0.00	41.57 3.24 0.00	35.05 2.35 0.00	22.18 1.20 0.00	25.54 1.40 0.00	23.29 1.55 2.86	30.53 1.94 0.53	38.44 2.44 0.19	34.05 2.03 0.17	38.33 2.58 0.07	56.41 4.26 0.00	49.35 3.68 0.00	48.56 4.17 0.00	42.73 3.93 0.00	36.06 3.26 0.00	27.96 2.26 0.00	23.18 2.15 0.00
REVERE_CPPR_DRP 24186	39.84 1.11 0.00	31.99 0.89 0.00	30.61 0.85 0.00	26.57 0.75 0.00	31.21 0.87 0.00	28.17 0.77 0.00	32.29 0.95 0.00	33.40 0.96 -0.17	39.16 0.83 0.00	33.15 0.45 0.00	21.18 0.20 0.00	24.30 0.16 0.00	24.72 0.12 0.00	29.28 0.16 0.00	36.44 0.23 -0.02	32.45 0.25 0.00	36.26 0.44 0.00	53.28 1.13 0.00	47.12 1.45 0.00	45.97 1.58 0.00	40.11 1.30 0.00	33.90 1.09 0.00	26.50 0.80 0.00	21.61 0.57 0.00
REYNLDPA_13_KV_LD 356490	39.34 0.60 0.00	31.60 0.49 0.00	30.20 0.43 0.00	26.16 0.33 0.00	30.79 0.45 0.00	27.89 0.49 0.00	31.89 0.56 0.00	32.82 0.56 0.00	39.06 0.73 0.00	33.39 0.69 0.00	21.41 0.43 0.00	24.64 0.50 0.00	25.08 0.48 0.00	29.66 0.54 0.00	36.90 0.71 0.00	32.72 0.53 0.00	36.39 0.57 0.00	53.00 0.85 0.00	46.63 0.96 0.00	45.40 1.01 0.00	39.72 0.92 0.00	33.53 0.73 0.00	26.18 0.49 0.00	21.37 0.34 0.00
REYNOLDS_115KV_TB3 80639	38.79 0.05 0.00	31.21 0.11 0.00	29.90 0.13 0.00	25.97 0.15 0.00	30.45 0.10 0.00	27.50 0.10 0.00	31.53 0.18 0.00	32.53 0.26 0.00	38.63 0.30 0.00	32.85 0.15 0.00	21.10 0.12 0.00	24.26 0.12 0.00	21.85 0.18 2.92	28.74 0.16 0.54	36.12 0.12 0.20	32.19 0.17 0.17	35.94 0.19 0.07	52.29 0.14 0.00	45.63 -0.05 0.00	44.38 -0.02 0.00	38.89 0.09 0.00	32.94 0.13 0.00	25.81 0.11 0.00	21.28 0.25 0.00
RIVERBAY____ 323610	41.11 2.38 0.00	33.04 1.94 0.00	31.61 1.85 0.00	27.41 1.59 0.00	32.06 1.72 0.00	28.86 1.46 0.00	33.11 1.77 0.00	34.29 2.02 0.00	40.85 2.52 0.00	35.02 2.32 0.00	22.62 1.63 0.00	25.97 1.83 0.00	32.73 1.92 -6.21	32.62 2.35 -1.15	39.60 2.99 -0.42	35.24 2.68 -0.36	38.86 2.89 -0.15	56.03 3.88 0.00	48.57 2.90 0.00	47.03 2.63 0.00	40.98 2.18 0.00	34.65 1.85 0.00	27.17 1.47 0.00	22.33 1.30 0.00
RIVERSDE_115KV_TB3 55908	38.69 -0.05 0.00	31.13 0.03 0.00	29.82 0.06 0.00	25.91 0.09 0.00	30.38 0.03 0.00	27.44 0.04 0.00	31.46 0.12 0.00	32.45 0.19 0.00	38.52 0.19 0.00	32.76 0.06 0.00	21.05 0.07 0.00	24.20 0.06 0.00	22.01 0.10 2.70	28.70 0.08 0.50	36.04 0.03 0.18	32.14 0.10 0.16	35.88 0.12 0.06	52.21 0.06 0.00	45.58 -0.09 0.00	44.31 -0.09 0.00	38.82 0.02 0.00	32.88 0.08 0.00	25.77 0.07 0.00	21.23 0.20 0.00
ROARING___BROOK_WT_PWR 323790	38.66 -0.08 0.00	31.06 -0.04 0.00	29.73 -0.04 0.00	25.75 -0.07 0.00	30.27 -0.07 0.00	27.38 -0.02 0.00	31.37 0.03 0.00	32.30 0.03 0.00	38.39 0.06 0.00	32.78 0.08 0.00	21.02 0.04 0.00	24.19 0.05 0.00	24.65 0.04 0.00	29.18 0.06 0.00	36.27 0.07 0.00	32.23 0.04 0.00	35.86 0.04 0.00	52.23 0.08 0.00	45.80 0.12 0.00	44.53 0.13 0.00	38.88 0.08 0.00	32.90 0.10 0.00	25.75 0.06 0.00	21.08 0.04 0.00

ROCHESRG_115KV_T4 355643	38.46 -0.27 0.00	30.78 -0.33 0.00	29.42 -0.34 0.00	25.49 -0.33 0.00	29.97 -0.37 0.00	27.10 -0.30 0.00	30.73 -0.61 0.00	31.59 -0.86 -0.19	37.36 -0.98 0.00	32.09 -0.61 0.00	20.57 -0.41 0.00	23.69 -0.45 0.00	24.12 -0.49 0.00	28.54 -0.58 0.00	35.42 -0.79 -0.02	31.25 -0.94 0.00	34.68 -1.14 0.00	50.39 -1.76 0.00	44.41 -1.26 0.00	43.11 -1.29 0.00	37.63 -1.17 0.00	31.87 -0.93 0.00	24.99 -0.70 0.00	20.29 -0.74 0.00
ROCHESTER_9_IC 23652	38.67 -0.07 0.00	30.92 -0.18 0.00	29.56 -0.20 0.00	25.60 -0.22 0.00	30.11 -0.23 0.00	27.24 -0.17 0.00	30.88 -0.46 0.00	31.76 -0.71 -0.19	37.52 -0.80 0.00	32.23 -0.47 0.00	20.66 -0.31 0.00	23.80 -0.34 0.00	24.22 -0.38 0.00	28.67 -0.45 0.00	35.58 -0.63 -0.02	31.40 -0.79 0.00	34.85 -0.97 0.00	50.67 -1.48 0.00	44.69 -0.98 0.00	43.37 -1.03 0.00	37.86 -0.94 0.00	32.06 -0.75 0.00	25.13 -0.57 0.00	20.39 -0.64 0.00
ROCKVIEW_13_KV_LD 356306	40.44 1.71 0.00	32.45 1.34 0.00	31.02 1.26 0.00	26.94 1.12 0.00	31.50 1.16 0.00	28.36 0.97 0.00	32.49 1.15 0.00	33.67 1.40 0.00	40.09 1.76 0.00	34.35 1.65 0.00	22.15 1.17 0.00	25.48 1.33 0.00	32.23 1.42 -6.21	31.99 1.72 -1.15	38.83 2.22 -0.42	34.59 2.04 -0.36	38.18 2.21 -0.15	55.17 3.02 0.00	47.82 2.15 0.00	46.30 1.90 0.00	40.28 1.48 0.00	34.04 1.24 0.00	26.71 1.01 0.00	21.95 0.92 0.00
ROME____115KV_TB2 80656	39.84 1.11 0.00	31.99 0.89 0.00	30.61 0.85 0.00	26.57 0.75 0.00	31.21 0.87 0.00	28.17 0.77 0.00	32.29 0.95 0.00	33.40 0.96 -0.17	39.16 0.83 0.00	33.15 0.45 0.00	21.18 0.20 0.00	24.30 0.16 0.00	24.72 0.12 0.00	29.28 0.16 0.00	36.44 0.23 -0.02	32.45 0.25 0.00	36.26 0.44 0.00	53.28 1.13 0.00	47.12 1.45 0.00	45.97 1.58 0.00	40.11 1.30 0.00	33.90 1.09 0.00	26.50 0.80 0.00	21.61 0.57 0.00
ROSETON___1 23587	39.85 1.12 0.00	32.04 0.94 0.00	30.66 0.90 0.00	26.62 0.80 0.00	31.15 0.81 0.00	28.05 0.66 0.00	32.17 0.83 0.00	33.31 1.04 0.00	39.64 1.32 0.00	33.91 1.21 0.00	21.83 0.84 0.00	25.10 0.96 0.00	35.88 1.03 -10.25	32.26 1.25 -1.90	38.51 1.62 -0.69	34.29 1.50 -0.60	37.68 1.61 -0.25	54.36 2.21 0.00	47.19 1.52 0.00	45.62 1.22 0.00	39.74 0.94 0.00	33.57 0.77 0.00	26.34 0.64 0.00	21.66 0.62 0.00
ROSETON___2 23588	39.82 1.09 0.00	32.04 0.94 0.00	30.66 0.90 0.00	26.62 0.80 0.00	31.15 0.81 0.00	28.05 0.66 0.00	32.17 0.83 0.00	33.31 1.04 0.00	39.64 1.32 0.00	33.91 1.21 0.00	21.83 0.84 0.00	25.10 0.96 0.00	35.88 1.03 -10.25	32.26 1.25 -1.90	38.51 1.62 -0.69	34.29 1.50 -0.60	37.68 1.61 -0.25	54.36 2.21 0.00	47.19 1.52 0.00	45.62 1.22 0.00	39.74 0.94 0.00	33.57 0.77 0.00	26.34 0.64 0.00	21.66 0.62 0.00
ROTRRDAM_115KV_TB3 80664	39.36 0.62 0.00	31.62 0.52 0.00	30.27 0.50 0.00	26.26 0.44 0.00	30.84 0.49 0.00	27.81 0.41 0.00	31.87 0.53 0.00	32.86 0.59 0.00	38.96 0.64 0.00	33.14 0.44 0.00	21.23 0.25 0.00	24.41 0.27 0.00	22.68 0.30 2.23	29.06 0.35 0.41	36.46 0.42 0.15	32.42 0.36 0.13	36.21 0.44 0.05	52.91 0.76 0.00	46.30 0.63 0.00	45.06 0.66 0.00	39.41 0.61 0.00	33.31 0.50 0.00	26.09 0.40 0.00	21.43 0.40 0.00
RUSSELL___1 23602	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
RUSSELL___2 23532	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
RUSSELL___3 23549	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
RUSSELL___4 23556	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
RUSSELL___STATION 23914	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
S SALMON___HYD 24043	38.81 0.08 0.00	31.16 0.05 0.00	29.78 0.02 0.00	25.81 -0.01 0.00	30.36 0.01 0.00	27.39 -0.01 0.00	31.34 0.00 0.00	32.78 -0.04 -0.55	38.00 -0.33 0.00	32.21 -0.49 0.00	20.57 -0.41 0.00	23.60 -0.54 0.00	24.03 -0.57 0.00	28.45 -0.67 0.00	35.39 -0.86 -0.06	31.44 -0.75 0.00	34.96 -0.86 0.00	51.10 -1.05 0.00	45.39 -0.28 0.00	44.40 0.01 0.00	38.83 0.03 0.00	32.89 0.09 0.00	25.74 0.05 0.00	20.98 -0.05 0.00
S.PERRY___115KV_TB1 80734	39.53 0.80 0.00	31.51 0.41 0.00	30.08 0.32 0.00	26.03 0.21 0.00	30.64 0.30 0.00	27.78 0.38 0.00	31.47 0.13 0.00	32.37 -0.13 -0.23	37.92 -0.40 0.00	32.28 -0.42 0.00	20.66 -0.32 0.00	23.81 -0.33 0.00	24.20 -0.40 0.00	28.73 -0.40 0.00	35.67 -0.54 -0.02	31.41 -0.78 0.00	34.88 -0.94 0.00	50.84 -1.31 0.00	45.35 -0.32 0.00	44.30 -0.10 0.00	38.60 -0.20 0.00	32.63 -0.18 0.00	25.59 -0.11 0.00	20.63 -0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.09 -0.65 0.00	30.40 -0.70 0.00	29.06 -0.70 0.00	25.12 -0.70 0.00	29.57 -0.77 0.00	26.78 -0.61 0.00	30.00 -1.33 0.00	30.60 -1.88 -0.21	36.37 -1.95 0.00	31.70 -1.00 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.86 -0.75 0.00	28.24 -0.88 0.00	35.01 -1.20 -0.02	30.51 -1.69 0.00	33.57 -2.25 0.00	48.22 -3.93 0.00	42.45 -3.22 0.00	41.04 -3.36 0.00	35.87 -2.93 0.00	30.52 -2.28 0.00	24.01 -1.68 0.00	19.36 -1.67 0.00

SAWYER___23_KV_LOAD 55526	38.09 -0.65 0.00	30.40 -0.70 0.00	29.06 -0.70 0.00	25.12 -0.70 0.00	29.57 -0.77 0.00	26.78 -0.61 0.00	30.00 -1.33 0.00	30.60 -1.88 -0.21	36.37 -1.95 0.00	31.70 -1.00 0.00	20.36 -0.62 0.00	23.49 -0.65 0.00	23.86 -0.75 0.00	28.24 -0.88 0.00	35.01 -1.20 -0.02	30.51 -1.69 0.00	33.57 -2.25 0.00	48.22 -3.93 0.00	42.45 -3.22 0.00	41.04 -3.36 0.00	35.87 -2.93 0.00	30.52 -2.28 0.00	24.01 -1.68 0.00	19.36 -1.67 0.00
SELKIRK___I 23801	38.30 -0.43 0.00	31.00 -0.11 0.00	30.07 0.31 0.00	26.13 0.31 0.00	30.65 0.31 0.00	27.67 0.27 0.00	31.69 0.35 0.00	32.66 0.39 0.00	38.60 0.28 0.00	32.76 0.06 0.00	21.04 0.06 0.00	24.19 0.05 0.00	23.24 0.09 1.46	28.93 0.07 0.27	36.15 0.05 0.10	32.21 0.10 0.08	35.91 0.13 0.04	52.45 0.30 0.00	45.90 0.23 0.00	44.64 0.24 0.00	39.07 0.27 0.00	33.08 0.28 0.00	25.94 0.24 0.00	21.34 0.31 0.00
SELKIRK___II 23799	38.69 -0.04 0.00	31.18 0.07 0.00	29.90 0.13 0.00	25.97 0.15 0.00	30.47 0.13 0.00	27.50 0.10 0.00	31.50 0.16 0.00	32.51 0.24 0.00	38.57 0.24 0.00	32.83 0.13 0.00	21.10 0.12 0.00	24.25 0.11 0.00	22.92 0.15 1.83	28.94 0.16 0.34	36.22 0.15 0.12	32.28 0.20 0.11	35.98 0.21 0.04	52.35 0.20 0.00	45.71 0.04 0.00	44.42 0.02 0.00	38.87 0.07 0.00	32.90 0.10 0.00	25.80 0.10 0.00	21.23 0.20 0.00
SENECA OSWGO___HYD 24041	38.51 -0.23 0.00	30.86 -0.24 0.00	29.52 -0.24 0.00	25.60 -0.22 0.00	30.08 -0.27 0.00	27.16 -0.23 0.00	31.02 -0.32 0.00	32.17 -0.40 -0.30	37.81 -0.52 0.00	32.17 -0.53 0.00	20.59 -0.39 0.00	23.66 -0.48 0.00	24.12 -0.48 0.00	28.54 -0.58 0.00	35.46 -0.77 -0.03	31.54 -0.65 0.00	35.11 -0.71 0.00	51.31 -0.84 0.00	45.21 -0.46 0.00	43.98 -0.42 0.00	38.39 -0.41 0.00	32.47 -0.33 0.00	25.45 -0.24 0.00	20.75 -0.28 0.00
SENECA___115KV_TB3 355854	38.31 -0.43 0.00	30.55 -0.55 0.00	29.20 -0.56 0.00	25.22 -0.60 0.00	29.69 -0.65 0.00	26.90 -0.49 0.00	30.16 -1.18 0.00	30.78 -1.70 -0.21	36.58 -1.75 0.00	31.85 -0.86 0.00	20.46 -0.52 0.00	23.62 -0.53 0.00	23.97 -0.63 0.00	28.42 -0.70 0.00	35.24 -0.97 -0.02	30.76 -1.43 0.00	33.87 -1.95 0.00	48.69 -3.46 0.00	42.84 -2.83 0.00	41.39 -3.01 0.00	36.12 -2.69 0.00	30.73 -2.08 0.00	24.17 -1.53 0.00	19.48 -1.55 0.00
SENECA___ENERGY 23797	38.58 -0.16 0.00	30.91 -0.19 0.00	29.56 -0.20 0.00	25.61 -0.21 0.00	30.13 -0.21 0.00	27.25 -0.15 0.00	31.07 -0.26 0.00	32.33 -0.39 -0.44	37.68 -0.65 0.00	32.09 -0.61 0.00	20.52 -0.46 0.00	23.61 -0.53 0.00	24.05 -0.55 0.00	28.51 -0.61 0.00	35.52 -0.72 -0.05	31.53 -0.67 0.00	35.10 -0.72 0.00	51.22 -0.92 0.00	45.24 -0.43 0.00	43.99 -0.41 0.00	38.32 -0.49 0.00	32.49 -0.31 0.00	25.47 -0.22 0.00	20.68 -0.36 0.00
SHOEMAKER___GT 23640	39.55 0.81 0.00	31.76 0.65 0.00	30.41 0.65 0.00	26.42 0.60 0.00	30.96 0.62 0.00	27.91 0.51 0.00	31.93 0.60 0.00	32.99 0.72 0.00	39.19 0.86 0.00	33.43 0.73 0.00	21.50 0.52 0.00	24.70 0.56 0.00	29.28 0.62 -4.05	30.63 0.76 -0.75	37.48 1.01 -0.28	33.39 0.96 -0.24	36.98 1.07 -0.10	53.70 1.55 0.00	46.81 1.14 0.00	45.50 1.10 0.00	39.65 0.85 0.00	33.49 0.68 0.00	26.27 0.58 0.00	21.58 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	39.53 0.80 0.00	31.76 0.65 0.00	30.41 0.65 0.00	26.42 0.60 0.00	30.96 0.61 0.00	27.91 0.51 0.00	31.93 0.59 0.00	32.99 0.72 0.00	39.20 0.87 0.00	33.46 0.76 0.00	21.52 0.54 0.00	24.74 0.60 0.00	29.23 0.65 -3.98	30.67 0.81 -0.73	37.53 1.07 -0.27	33.44 1.01 -0.23	37.02 1.11 -0.10	53.74 1.60 0.00	46.82 1.15 0.00	45.49 1.09 0.00	39.63 0.83 0.00	33.48 0.68 0.00	26.27 0.57 0.00	21.57 0.54 0.00
SHOREHAM_IC_1 23715	39.81 1.07 0.00	31.79 0.69 0.00	30.26 0.50 0.00	26.20 0.38 0.00	30.56 0.21 0.00	27.52 0.12 0.00	33.66 0.46 -1.87	35.89 1.18 -2.44	39.57 1.25 0.00	33.87 1.17 0.00	22.00 1.01 -0.01	25.18 1.04 0.00	32.58 1.15 -6.83	40.76 1.49 -10.15	40.09 1.98 -1.92	35.83 1.87 -1.77	38.03 2.06 -0.15	54.80 2.66 0.00	47.36 1.69 0.00	45.80 1.40 0.00	36.25 0.66 3.21	33.18 0.38 0.00	26.03 0.33 0.00	21.57 0.54 0.00
SHOREHAM_IC_2 23716	39.81 1.07 0.00	31.79 0.69 0.00	30.27 0.50 0.00	26.20 0.38 0.00	30.56 0.21 0.00	27.52 0.12 0.00	33.66 0.46 -1.87	35.88 1.18 -2.44	39.58 1.25 0.00	33.87 1.17 0.00	22.00 1.01 -0.01	25.17 1.03 0.00	32.56 1.13 -6.83	40.76 1.49 -10.15	40.09 1.98 -1.92	35.82 1.86 -1.77	38.03 2.06 -0.15	54.81 2.66 0.00	47.37 1.70 0.00	45.80 1.40 0.00	36.25 0.66 3.21	33.18 0.38 0.00	26.03 0.33 0.00	21.57 0.54 0.00
SISSONVILLE____ 23735	39.81 1.08 0.00	31.98 0.88 0.00	30.52 0.76 0.00	26.41 0.59 0.00	31.11 0.77 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.36 1.01 -0.08	39.34 1.01 0.00	33.46 0.76 0.00	21.41 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.45 0.00	36.32 0.50 0.00	53.15 1.00 0.00	47.21 1.54 0.00	46.16 1.76 0.00	40.40 1.60 0.00	34.08 1.27 0.00	26.55 0.86 0.00	21.64 0.60 0.00
SITHE_IND_GS1 24169	37.59 -1.15 0.00	30.16 -0.95 0.00	28.85 -0.91 0.00	25.02 -0.80 0.00	29.40 -0.94 0.00	26.55 -0.85 0.00	30.32 -1.02 0.00	28.36 -1.13 2.78	36.95 -1.38 0.00	31.55 -1.15 0.00	20.23 -0.75 0.00	23.27 -0.87 0.00	23.71 -0.89 0.00	28.08 -1.04 0.00	34.55 -1.34 0.30	31.05 -1.14 0.00	34.55 -1.27 0.00	50.34 -1.81 0.00	44.15 -1.52 0.00	42.91 -1.49 0.00	37.48 -1.32 0.00	31.71 -1.10 0.00	24.84 -0.85 0.00	20.30 -0.73 0.00
SITHE_IND_GS2 24170	37.59 -1.15 0.00	30.16 -0.95 0.00	28.85 -0.91 0.00	25.02 -0.80 0.00	29.40 -0.94 0.00	26.55 -0.85 0.00	30.32 -1.02 0.00	28.36 -1.13 2.78	36.95 -1.38 0.00	31.55 -1.15 0.00	20.23 -0.75 0.00	23.27 -0.87 0.00	23.71 -0.89 0.00	28.08 -1.04 0.00	34.55 -1.34 0.30	31.05 -1.14 0.00	34.55 -1.27 0.00	50.34 -1.81 0.00	44.15 -1.52 0.00	42.91 -1.49 0.00	37.48 -1.32 0.00	31.71 -1.10 0.00	24.84 -0.85 0.00	20.30 -0.73 0.00
SITHE_IND_GS3 24171	37.59 -1.15 0.00	30.16 -0.95 0.00	28.85 -0.91 0.00	25.02 -0.80 0.00	29.40 -0.94 0.00	26.55 -0.85 0.00	30.32 -1.02 0.00	28.36 -1.13 2.78	36.95 -1.38 0.00	31.55 -1.15 0.00	20.23 -0.75 0.00	23.27 -0.87 0.00	23.71 -0.89 0.00	28.08 -1.04 0.00	34.55 -1.34 0.30	31.05 -1.14 0.00	34.55 -1.27 0.00	50.34 -1.81 0.00	44.15 -1.52 0.00	42.91 -1.49 0.00	37.48 -1.32 0.00	31.71 -1.10 0.00	24.84 -0.85 0.00	20.30 -0.73 0.00
SITHE_IND_GS4 24172	37.59 -1.15 0.00	30.16 -0.95 0.00	28.85 -0.91 0.00	25.02 -0.80 0.00	29.40 -0.94 0.00	26.55 -0.85 0.00	30.32 -1.02 0.00	28.36 -1.13 2.78	36.95 -1.38 0.00	31.55 -1.15 0.00	20.23 -0.75 0.00	23.27 -0.87 0.00	23.71 -0.89 0.00	28.08 -1.04 0.00	34.55 -1.34 0.30	31.05 -1.14 0.00	34.55 -1.27 0.00	50.34 -1.81 0.00	44.15 -1.52 0.00	42.91 -1.49 0.00	37.48 -1.32 0.00	31.71 -1.10 0.00	24.84 -0.85 0.00	20.30 -0.73 0.00

SITHE___BATAVIA 24024	39.25 0.52 0.00	31.36 0.25 0.00	29.97 0.20 0.00	25.92 0.09 0.00	30.51 0.17 0.00	27.63 0.23 0.00	31.13 -0.21 0.00	31.79 -0.68 -0.20	37.55 -0.78 0.00	32.23 -0.47 0.00	20.58 -0.40 0.00	23.67 -0.47 0.00	24.05 -0.55 0.00	28.46 -0.66 0.00	35.28 -0.93 -0.02	30.86 -1.33 0.00	34.15 -1.67 0.00	49.71 -2.44 0.00	44.23 -1.44 0.00	43.09 -1.31 0.00	37.64 -1.16 0.00	31.91 -0.89 0.00	25.03 -0.67 0.00	20.21 -0.82 0.00
SITHE___INDEPEND 23800	37.59 -1.15 0.00	30.15 -0.95 0.00	28.85 -0.91 0.00	25.02 -0.80 0.00	29.40 -0.94 0.00	26.55 -0.85 0.00	30.32 -1.02 0.00	28.36 -1.13 2.78	36.95 -1.38 0.00	31.55 -1.15 0.00	20.23 -0.75 0.00	23.27 -0.87 0.00	23.71 -0.89 0.00	28.08 -1.04 0.00	34.55 -1.35 0.30	31.05 -1.14 0.00	34.55 -1.27 0.00	50.34 -1.81 0.00	44.15 -1.52 0.00	42.91 -1.49 0.00	37.48 -1.32 0.00	31.70 -1.10 0.00	24.84 -0.85 0.00	20.30 -0.73 0.00
SITHE___MASSENA 23902	39.41 0.67 0.00	31.66 0.56 0.00	30.24 0.48 0.00	26.19 0.37 0.00	30.83 0.49 0.00	27.96 0.56 0.00	31.99 0.65 0.00	32.90 0.63 0.00	39.07 0.74 0.00	33.35 0.65 0.00	21.37 0.39 0.00	24.60 0.45 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.83 0.64 0.00	32.66 0.47 0.00	36.32 0.50 0.00	52.97 0.82 0.00	46.73 1.06 0.00	45.54 1.14 0.00	39.86 1.06 0.00	33.63 0.83 0.00	26.25 0.55 0.00	21.42 0.38 0.00
SITHE___OGDNSBRG 24021	40.15 1.42 0.00	32.27 1.16 0.00	30.82 1.06 0.00	26.67 0.85 0.00	31.42 1.07 0.00	28.48 1.08 0.00	32.64 1.30 0.00	33.64 1.31 -0.07	39.48 1.15 0.00	33.50 0.80 0.00	21.44 0.46 0.00	24.68 0.54 0.00	25.10 0.50 0.00	29.67 0.54 0.00	36.93 0.73 -0.01	32.72 0.53 0.00	36.40 0.58 0.00	53.26 1.11 0.00	47.63 1.96 0.00	46.65 2.25 0.00	40.80 2.00 0.00	34.41 1.61 0.00	26.81 1.12 0.00	21.84 0.81 0.00
SITHE___STERLING 23777	39.46 0.72 0.00	31.67 0.57 0.00	30.32 0.56 0.00	26.30 0.48 0.00	30.91 0.57 0.00	27.90 0.50 0.00	31.95 0.62 0.00	33.08 0.62 -0.19	38.80 0.47 0.00	32.91 0.21 0.00	21.06 0.08 0.00	24.19 0.05 0.00	24.63 0.03 0.00	29.18 0.06 0.00	36.29 0.08 -0.02	32.31 0.11 0.00	36.07 0.25 0.00	52.85 0.70 0.00	46.63 0.96 0.00	45.44 1.04 0.00	39.64 0.84 0.00	33.51 0.71 0.00	26.22 0.53 0.00	21.38 0.35 0.00
SLEIGHT__34_KV_TB1 80719	38.32 -0.42 0.00	30.65 -0.45 0.00	29.30 -0.46 0.00	25.40 -0.42 0.00	29.88 -0.47 0.00	27.01 -0.39 0.00	30.73 -0.61 0.00	31.74 -0.78 -0.25	37.35 -0.98 0.00	31.89 -0.81 0.00	20.40 -0.58 0.00	23.48 -0.66 0.00	23.90 -0.70 0.00	28.30 -0.82 0.00	35.15 -1.07 -0.03	31.14 -1.05 0.00	34.65 -1.17 0.00	50.60 -1.55 0.00	44.70 -0.97 0.00	43.43 -0.97 0.00	37.87 -0.93 0.00	32.03 -0.77 0.00	25.11 -0.59 0.00	20.41 -0.63 0.00
SMITHTWN_69_KV_BK 1 55830	40.50 1.77 0.00	32.38 1.28 0.00	30.85 1.09 0.00	26.69 0.87 0.00	31.14 0.79 0.00	28.04 0.64 0.00	34.22 1.02 -1.87	36.36 1.66 -2.44	40.26 1.93 0.00	34.46 1.76 0.00	22.38 1.40 -0.01	25.65 1.51 0.00	33.05 1.62 -6.83	41.31 2.04 -10.15	40.75 2.63 -1.92	36.37 2.41 -1.77	38.58 2.62 -0.15	55.56 3.41 0.00	47.98 2.32 0.00	46.41 2.01 0.00	36.82 1.22 3.20	33.65 0.85 0.00	26.39 0.70 0.00	21.87 0.84 0.00
SOUTH CAIRO___GT 23612	39.53 0.80 0.00	31.81 0.71 0.00	30.51 0.75 0.00	26.49 0.67 0.00	31.07 0.73 0.00	28.09 0.69 0.00	32.22 0.88 0.00	33.28 1.01 0.00	39.26 0.93 0.00	33.05 0.35 0.00	21.13 0.15 0.00	24.25 0.11 0.00	24.17 0.18 0.61	29.15 0.14 0.11	36.28 0.13 0.04	32.37 0.21 0.04	36.17 0.36 0.02	53.01 0.87 0.00	46.82 1.15 0.00	45.72 1.32 0.00	40.01 1.21 0.00	33.84 1.03 0.00	26.47 0.78 0.00	21.74 0.71 0.00
SOUTH HAMPTN___IC 23720	40.04 1.31 0.00	31.94 0.84 0.00	30.42 0.65 0.00	26.33 0.51 0.00	30.72 0.37 0.00	27.68 0.28 0.00	33.88 0.67 -1.87	36.08 1.37 -2.44	39.84 1.51 0.00	34.20 1.50 0.00	22.25 1.26 -0.01	25.51 1.37 0.00	32.95 1.52 -6.83	41.23 1.96 -10.15	40.71 2.60 -1.92	36.41 2.45 -1.77	38.71 2.74 -0.15	55.81 3.66 0.00	48.21 2.54 0.00	46.52 2.12 0.00	36.79 1.21 3.22	33.62 0.82 0.00	26.38 0.69 0.00	21.86 0.83 0.00
SOUTHDOW_115KV_TB1 355954	38.68 -0.06 0.00	30.81 -0.29 0.00	29.46 -0.30 0.00	25.36 -0.46 0.00	29.80 -0.54 0.00	27.03 -0.37 0.00	30.39 -0.95 0.00	31.09 -1.40 -0.21	36.98 -1.34 0.00	32.37 -0.33 0.00	20.92 -0.06 0.00	24.18 0.04 0.00	24.62 0.02 0.00	29.26 0.14 0.00	36.29 0.08 -0.02	31.83 -0.36 0.00	35.09 -0.73 0.00	50.54 -1.61 0.00	44.21 -1.46 0.00	42.56 -1.84 0.00	36.85 -1.95 0.00	31.20 -1.60 0.00	24.56 -1.14 0.00	19.67 -1.36 0.00
SOUTHOLD_69_KV_BK 2 55809	39.90 1.17 0.00	31.75 0.64 0.00	30.24 0.48 0.00	26.18 0.35 0.00	30.57 0.22 0.00	27.59 0.19 0.00	33.85 0.64 -1.87	36.04 1.34 -2.44	39.77 1.44 0.00	34.33 1.63 0.00	22.39 1.40 -0.01	25.71 1.56 0.00	33.21 1.78 -6.83	41.63 2.36 -10.15	41.25 3.14 -1.92	37.00 3.04 -1.77	39.42 3.45 -0.15	56.86 4.72 0.00	49.08 3.41 0.00	47.18 2.79 0.00	37.27 1.68 3.22	33.99 1.19 0.00	26.71 1.01 0.00	22.13 1.10 0.00
SOUTHOLD___IC 23719	39.90 1.16 0.00	31.75 0.64 0.00	30.24 0.48 0.00	26.18 0.36 0.00	30.57 0.22 0.00	27.59 0.19 0.00	33.84 0.64 -1.87	36.04 1.34 -2.44	39.77 1.44 0.00	34.32 1.63 0.00	22.39 1.40 -0.01	25.71 1.57 0.00	33.22 1.79 -6.83	41.63 2.36 -10.15	41.26 3.14 -1.92	37.00 3.04 -1.77	39.41 3.44 -0.15	56.86 4.72 0.00	49.09 3.42 0.00	47.18 2.79 0.00	37.27 1.68 3.22	33.99 1.19 0.00	26.71 1.01 0.00	22.13 1.10 0.00
SOUTH_FORK_WT_PWR 323839	39.37 0.64 0.00	31.29 0.18 0.00	29.81 0.05 0.00	25.83 0.00 0.00	30.17 -0.17 0.00	27.26 -0.14 0.00	33.52 0.32 -1.87	35.71 1.00 -2.44	39.33 1.00 0.00	34.06 1.36 0.00	22.27 1.29 -0.01	25.61 1.47 0.00	33.17 1.74 -6.83	41.62 2.35 -10.15	41.28 3.16 -1.92	37.05 3.09 -1.77	39.49 3.52 -0.15	56.98 4.83 0.00	49.14 3.47 0.00	47.14 2.74 0.00	37.14 1.55 3.22	33.89 1.09 0.00	26.66 0.96 0.00	22.11 1.08 0.00
SPIERFLS_115KV_TB 1 80737	39.67 0.94 0.00	31.86 0.76 0.00	30.60 0.84 0.00	26.49 0.67 0.00	31.09 0.74 0.00	28.08 0.68 0.00	32.31 0.97 0.00	33.35 1.08 0.00	39.96 1.63 0.00	33.90 1.20 0.00	21.50 0.52 0.00	24.75 0.60 0.00	22.46 0.65 2.80	29.35 0.75 0.52	36.66 0.65 0.19	32.33 0.30 0.16	36.26 0.51 0.07	53.39 1.24 0.00	46.77 1.11 0.00	45.73 1.33 0.00	40.05 1.25 0.00	33.82 1.01 0.00	26.48 0.78 0.00	21.81 0.78 0.00
ST LAWRENCE____ 23600	38.93 0.20 0.00	31.27 0.16 0.00	29.89 0.13 0.00	25.89 0.07 0.00	30.48 0.13 0.00	27.59 0.19 0.00	31.56 0.22 0.00	32.49 0.22 0.00	38.67 0.34 0.00	33.03 0.33 0.00	21.18 0.20 0.00	24.39 0.24 0.00	24.81 0.21 0.00	29.35 0.23 0.00	36.52 0.33 0.00	32.42 0.23 0.00	36.04 0.23 0.00	52.47 0.33 0.00	46.13 0.46 0.00	44.92 0.52 0.00	39.29 0.49 0.00	33.17 0.37 0.00	25.91 0.21 0.00	21.16 0.13 0.00

STATE_CA_115KV_115_LB 55624	38.76 0.02 0.00	31.19 0.08 0.00	29.88 0.11 0.00	25.95 0.13 0.00	30.43 0.08 0.00	27.48 0.09 0.00	31.49 0.15 0.00	32.50 0.23 0.00	38.56 0.23 0.00	32.78 0.08 0.00	21.07 0.09 0.00	24.22 0.07 0.00	22.19 0.13 2.54	28.76 0.11 0.47	36.08 0.06 0.17	32.19 0.15 0.15	35.96 0.20 0.06	52.37 0.22 0.00	45.72 0.05 0.00	44.45 0.05 0.00	38.91 0.11 0.00	32.96 0.15 0.00	25.82 0.13 0.00	21.26 0.23 0.00
STATE_ST_34_KV_LOAD 55959	38.69 -0.05 0.00	31.01 -0.09 0.00	29.64 -0.12 0.00	25.71 -0.11 0.00	30.23 -0.12 0.00	27.31 -0.09 0.00	31.17 -0.17 0.00	32.45 -0.27 -0.45	37.88 -0.45 0.00	32.24 -0.46 0.00	20.63 -0.36 0.00	23.73 -0.41 0.00	24.17 -0.43 0.00	28.64 -0.48 0.00	35.62 -0.62 -0.05	31.65 -0.54 0.00	35.27 -0.55 0.00	51.52 -0.63 0.00	45.41 -0.26 0.00	44.15 -0.25 0.00	38.51 -0.30 0.00	32.59 -0.22 0.00	25.54 -0.15 0.00	20.79 -0.24 0.00
STATION_5_MISC_HYD 23604	38.67 -0.07 0.00	30.92 -0.18 0.00	29.56 -0.20 0.00	25.60 -0.22 0.00	30.11 -0.23 0.00	27.24 -0.16 0.00	30.87 -0.47 0.00	31.75 -0.71 -0.19	37.52 -0.81 0.00	32.23 -0.47 0.00	20.66 -0.32 0.00	23.80 -0.34 0.00	24.22 -0.38 0.00	28.67 -0.45 0.00	35.58 -0.63 -0.02	31.39 -0.80 0.00	34.85 -0.97 0.00	50.67 -1.48 0.00	44.69 -0.98 0.00	43.37 -1.03 0.00	37.86 -0.94 0.00	32.06 -0.75 0.00	25.13 -0.56 0.00	20.39 -0.64 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.27 0.53 0.00	31.42 0.32 0.00	30.03 0.26 0.00	26.02 0.20 0.00	30.59 0.24 0.00	27.65 0.25 0.00	31.48 0.14 0.00	32.58 -0.03 -0.33	38.26 -0.07 0.00	32.70 0.00 0.00	20.93 -0.05 0.00	24.09 -0.05 0.00	24.52 -0.08 0.00	29.02 -0.10 0.00	35.84 -0.39 -0.04	31.78 -0.41 0.00	35.40 -0.42 0.00	51.64 -0.51 0.00	45.66 -0.02 0.00	44.34 -0.06 0.00	38.62 -0.18 0.00	32.76 -0.05 0.00	25.67 -0.03 0.00	20.79 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.42 -0.32 0.00	30.73 -0.37 0.00	29.37 -0.39 0.00	25.45 -0.37 0.00	29.93 -0.41 0.00	27.07 -0.33 0.00	30.70 -0.64 0.00	31.59 -0.87 -0.19	37.33 -1.00 0.00	32.04 -0.66 0.00	20.54 -0.44 0.00	23.66 -0.48 0.00	24.08 -0.52 0.00	28.51 -0.62 0.00	35.38 -0.84 -0.02	31.24 -0.95 0.00	34.69 -1.13 0.00	50.48 -1.67 0.00	44.50 -1.16 0.00	43.19 -1.21 0.00	37.69 -1.11 0.00	31.91 -0.89 0.00	25.01 -0.69 0.00	20.30 -0.73 0.00
STA_56___34_KV_BUS2 355983	38.42 -0.32 0.00	30.73 -0.37 0.00	29.37 -0.39 0.00	25.45 -0.37 0.00	29.93 -0.41 0.00	27.07 -0.33 0.00	30.70 -0.64 0.00	31.59 -0.87 -0.19	37.33 -1.00 0.00	32.04 -0.66 0.00	20.54 -0.44 0.00	23.66 -0.48 0.00	24.08 -0.52 0.00	28.51 -0.62 0.00	35.38 -0.84 -0.02	31.24 -0.95 0.00	34.69 -1.13 0.00	50.48 -1.67 0.00	44.50 -1.16 0.00	43.19 -1.21 0.00	37.69 -1.11 0.00	31.91 -0.89 0.00	25.01 -0.69 0.00	20.30 -0.73 0.00
STA_67___115KV_BK2 355882	38.59 -0.15 0.00	30.87 -0.23 0.00	29.50 -0.26 0.00	25.56 -0.26 0.00	30.06 -0.29 0.00	27.18 -0.22 0.00	30.82 -0.51 0.00	31.69 -0.77 -0.19	37.46 -0.87 0.00	32.18 -0.53 0.00	20.63 -0.36 0.00	23.76 -0.38 0.00	24.18 -0.43 0.00	28.62 -0.50 0.00	35.52 -0.70 -0.02	31.33 -0.86 0.00	34.78 -1.04 0.00	50.56 -1.59 0.00	44.58 -1.09 0.00	43.27 -1.13 0.00	37.78 -1.03 0.00	31.98 -0.82 0.00	25.08 -0.62 0.00	20.35 -0.68 0.00
STA_7___115KV_9TRANS 80674	38.81 0.08 0.00	31.03 -0.07 0.00	29.66 -0.10 0.00	25.69 -0.13 0.00	30.21 -0.14 0.00	27.32 -0.08 0.00	30.98 -0.35 0.00	31.86 -0.61 -0.19	37.66 -0.67 0.00	32.34 -0.36 0.00	20.74 -0.24 0.00	23.89 -0.25 0.00	24.32 -0.28 0.00	28.79 -0.33 0.00	35.73 -0.49 -0.02	31.53 -0.67 0.00	35.01 -0.81 0.00	50.94 -1.21 0.00	44.94 -0.73 0.00	43.60 -0.80 0.00	38.06 -0.74 0.00	32.21 -0.59 0.00	25.25 -0.45 0.00	20.48 -0.55 0.00
STA_82___115KV_TB1 80780	38.61 -0.13 0.00	30.88 -0.23 0.00	29.52 -0.25 0.00	25.57 -0.25 0.00	30.07 -0.27 0.00	27.19 -0.21 0.00	30.83 -0.51 0.00	31.71 -0.76 -0.20	37.47 -0.86 0.00	32.18 -0.52 0.00	20.63 -0.36 0.00	23.76 -0.39 0.00	24.17 -0.43 0.00	28.62 -0.50 0.00	35.51 -0.70 -0.02	31.33 -0.86 0.00	34.79 -1.03 0.00	50.57 -1.58 0.00	44.60 -1.07 0.00	43.29 -1.11 0.00	37.79 -1.01 0.00	32.00 -0.80 0.00	25.09 -0.61 0.00	20.36 -0.67 0.00
STEEL___WIND 323596	38.27 -0.46 0.00	30.52 -0.58 0.00	29.18 -0.58 0.00	25.20 -0.63 0.00	29.66 -0.69 0.00	26.88 -0.52 0.00	30.10 -1.24 0.00	30.74 -1.74 -0.21	36.54 -1.79 0.00	31.81 -0.89 0.00	20.44 -0.54 0.00	23.57 -0.57 0.00	23.93 -0.67 0.00	28.38 -0.74 0.00	35.19 -1.02 -0.02	30.72 -1.47 0.00	33.81 -2.01 0.00	48.62 -3.53 0.00	42.78 -2.89 0.00	41.32 -3.08 0.00	36.04 -2.76 0.00	30.66 -2.14 0.00	24.12 -1.58 0.00	19.45 -1.58 0.00
STEPHTWN_115KV_BK_2 55603	38.86 0.13 0.00	31.28 0.18 0.00	30.01 0.25 0.00	26.04 0.22 0.00	30.56 0.21 0.00	27.62 0.22 0.00	31.67 0.33 0.00	32.62 0.34 0.00	38.74 0.42 0.00	32.95 0.25 0.00	21.15 0.17 0.00	24.31 0.17 2.45	22.39 0.24 0.45	28.92 0.25 0.17	36.21 0.18 0.17	32.34 0.29 0.14	36.17 0.41 0.06	52.77 0.62 0.00	45.96 0.29 0.00	44.65 0.25 0.00	39.08 0.27 0.00	33.09 0.28 0.00	25.92 0.23 0.00	21.32 0.29 0.00
STEBEN_REC_LFGE 323667	38.21 -0.52 0.00	30.34 -0.76 0.00	28.86 -0.90 0.00	25.03 -0.78 0.00	29.53 -0.82 0.00	26.81 -0.59 0.00	30.25 -1.08 0.00	31.06 -1.47 -0.27	36.53 -1.79 0.00	31.61 -1.09 0.00	20.29 -0.69 0.00	23.36 -0.78 0.00	23.79 -0.81 0.00	28.33 -0.79 0.00	35.20 -1.02 -0.03	31.02 -1.17 0.00	34.39 -1.43 0.00	50.16 -1.99 0.00	44.33 -1.34 0.00	42.69 -1.71 0.00	36.92 -1.88 0.00	31.29 -1.51 0.00	24.64 -1.05 0.00	19.78 -1.25 0.00
STILLWATER___SOLAR 323814	39.78 1.05 0.00	31.95 0.85 0.00	30.62 0.86 0.00	26.56 0.74 0.00	31.17 0.83 0.00	28.14 0.74 0.00	32.31 0.97 0.00	33.33 1.06 0.00	39.56 1.23 0.00	33.53 0.83 0.00	21.40 0.41 0.00	24.60 0.45 0.00	22.02 0.50 3.08	29.13 0.58 0.57	36.62 0.64 0.21	32.53 0.52 0.18	36.48 0.74 0.07	53.51 1.37 0.00	46.87 1.20 0.00	45.65 1.25 0.00	39.98 1.17 0.00	33.80 1.00 0.00	26.45 0.76 0.00	21.78 0.75 0.00
STONY___BROOK 24151	40.42 1.68 0.00	32.31 1.21 0.00	30.77 1.00 0.00	26.62 0.80 0.00	31.07 0.73 0.00	27.97 0.57 0.00	34.15 0.94 -1.87	36.31 1.60 -2.44	40.18 1.85 0.00	34.39 1.69 0.00	22.34 1.35 -0.01	25.59 1.45 0.00	33.00 1.57 -6.83	41.24 1.97 -10.15	40.66 2.54 -1.92	36.31 2.35 -1.77	38.52 2.55 -0.15	55.47 3.32 0.00	47.90 2.23 0.00	46.34 1.94 0.00	36.75 1.16 3.21	33.59 0.78 0.00	26.35 0.66 0.00	21.83 0.80 0.00
STURGEON_POOL_HYD 23609	40.07 1.34 0.00	32.08 0.98 0.00	30.66 0.90 0.00	26.62 0.80 0.00	31.20 0.86 0.00	28.09 0.69 0.00	32.17 0.83 0.00	33.28 1.01 0.00	39.61 1.28 0.00	33.87 1.17 0.00	21.78 0.80 0.00	25.03 0.89 0.00	28.84 0.96 -3.28	30.91 1.18 -0.61	37.98 1.57 -0.22	33.85 1.46 -0.19	37.50 1.60 -0.08	54.37 2.22 0.00	47.26 1.59 0.00	45.89 1.50 0.00	39.95 1.15 0.00	33.72 0.91 0.00	26.45 0.76 0.00	21.72 0.69 0.00

ST_LAW_115_BK7_LBMP 345037	38.94 0.21 0.00	31.27 0.17 0.00	29.89 0.13 0.00	25.90 0.07 0.00	30.49 0.14 0.00	27.60 0.20 0.00	31.57 0.23 0.00	32.49 0.23 0.00	38.67 0.34 0.00	33.04 0.34 0.00	21.19 0.20 0.00	24.39 0.24 0.00	24.82 0.22 0.00	29.35 0.23 0.00	36.53 0.33 0.00	32.41 0.22 0.00	36.04 0.22 0.00	52.47 0.33 0.00	46.16 0.49 0.00	44.94 0.54 0.00	39.32 0.52 0.00	33.20 0.39 0.00	25.93 0.23 0.00	21.17 0.14 0.00
ST_LAW_115_BK8_LBMP 345038	38.94 0.21 0.00	31.27 0.17 0.00	29.89 0.13 0.00	25.90 0.07 0.00	30.49 0.14 0.00	27.60 0.20 0.00	31.57 0.23 0.00	32.49 0.23 0.00	38.67 0.34 0.00	33.04 0.34 0.00	21.19 0.20 0.00	24.39 0.24 0.00	24.82 0.22 0.00	29.35 0.23 0.00	36.53 0.33 0.00	32.41 0.22 0.00	36.04 0.22 0.00	52.47 0.33 0.00	46.16 0.49 0.00	44.94 0.54 0.00	39.32 0.52 0.00	33.20 0.39 0.00	25.93 0.23 0.00	21.17 0.14 0.00
ST_LAW_230_BK5_LBMP 345035	38.93 0.20 0.00	31.27 0.16 0.00	29.89 0.13 0.00	25.89 0.07 0.00	30.48 0.13 0.00	27.59 0.19 0.00	31.56 0.22 0.00	32.49 0.22 0.00	38.67 0.34 0.00	33.03 0.33 0.00	21.18 0.20 0.00	24.39 0.24 0.00	24.81 0.21 0.00	29.35 0.23 0.00	36.52 0.33 0.00	32.42 0.23 0.00	36.04 0.23 0.00	52.47 0.33 0.00	46.13 0.46 0.00	44.92 0.52 0.00	39.29 0.49 0.00	33.17 0.37 0.00	25.91 0.21 0.00	21.16 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	38.93 0.20 0.00	31.27 0.16 0.00	29.89 0.13 0.00	25.89 0.07 0.00	30.48 0.13 0.00	27.59 0.19 0.00	31.56 0.22 0.00	32.49 0.22 0.00	38.67 0.34 0.00	33.03 0.33 0.00	21.18 0.20 0.00	24.39 0.24 0.00	24.81 0.21 0.00	29.35 0.23 0.00	36.52 0.33 0.00	32.42 0.23 0.00	36.04 0.23 0.00	52.47 0.33 0.00	46.13 0.46 0.00	44.92 0.52 0.00	39.29 0.49 0.00	33.17 0.37 0.00	25.91 0.21 0.00	21.16 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.69 0.96 0.00	31.89 0.79 0.00	30.55 0.79 0.00	26.55 0.73 0.00	31.10 0.76 0.00	28.02 0.63 0.00	32.07 0.73 0.00	33.16 0.89 0.00	39.42 1.09 0.00	33.71 1.01 0.00	21.69 0.71 0.00	24.94 0.80 0.00	29.79 0.88 -4.31	31.00 1.09 -0.80	37.92 1.43 -0.29	33.78 1.33 -0.25	37.39 1.46 -0.10	54.18 2.03 0.00	47.11 1.44 0.00	45.71 1.31 0.00	39.78 0.97 0.00	33.60 0.80 0.00	26.38 0.68 0.00	21.67 0.63 0.00
SWANROAD_115KV_TB1 355699	37.74 -1.00 0.00	30.23 -0.87 0.00	28.92 -0.84 0.00	25.01 -0.81 0.00	29.45 -0.90 0.00	26.69 -0.72 0.00	29.84 -1.50 0.00	30.27 -2.20 -0.20	35.96 -2.37 0.00	31.33 -1.37 0.00	20.11 -0.87 0.00	23.18 -0.96 0.00	23.52 -1.08 0.00	27.81 -1.31 0.00	34.45 -1.76 -0.02	29.85 -2.34 0.00	32.80 -3.02 0.00	47.03 -5.11 0.00	41.52 -4.15 0.00	40.22 -4.18 0.00	35.23 -3.57 0.00	29.97 -2.84 0.00	23.57 -2.13 0.00	19.02 -2.01 0.00
SYNERGY___BIOGAS 323694	39.25 0.51 0.00	31.35 0.25 0.00	29.96 0.20 0.00	25.92 0.10 0.00	30.51 0.17 0.00	27.63 0.23 0.00	31.13 -0.21 0.00	31.79 -0.68 -0.20	37.55 -0.78 0.00	32.24 -0.46 0.00	20.58 -0.40 0.00	23.68 -0.47 0.00	24.05 -0.55 0.00	28.46 -0.66 0.00	35.28 -0.93 -0.02	30.87 -1.32 0.00	34.15 -1.67 0.00	49.71 -2.44 0.00	44.23 -1.43 0.00	43.09 -1.31 0.00	37.64 -1.16 0.00	31.91 -0.89 0.00	25.03 -0.67 0.00	20.21 -0.82 0.00
SYRACUSE___ENERGY_ST1 323597	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	38.50 -0.24 0.00	30.86 -0.24 0.00	29.51 -0.25 0.00	25.60 -0.22 0.00	30.09 -0.25 0.00	27.17 -0.22 0.00	31.03 -0.31 0.00	32.37 -0.39 -0.50	37.78 -0.55 0.00	32.21 -0.49 0.00	20.64 -0.34 0.00	23.75 -0.39 0.00	24.19 -0.41 0.00	28.66 -0.46 0.00	35.63 -0.61 -0.05	31.68 -0.52 0.00	35.28 -0.54 0.00	51.48 -0.67 0.00	45.23 -0.44 0.00	43.93 -0.47 0.00	38.33 -0.47 0.00	32.44 -0.37 0.00	25.44 -0.26 0.00	20.75 -0.28 0.00
SYRACUSE___POWER 24017	38.52 -0.22 0.00	30.87 -0.23 0.00	29.53 -0.23 0.00	25.62 -0.20 0.00	30.11 -0.24 0.00	27.18 -0.22 0.00	31.05 -0.28 0.00	32.28 -0.37 -0.38	37.83 -0.50 0.00	32.24 -0.46 0.00	20.66 -0.32 0.00	23.78 -0.37 0.00	24.22 -0.38 0.00	28.70 -0.42 0.00	35.68 -0.55 -0.04	31.72 -0.47 0.00	35.31 -0.51 0.00	51.48 -0.66 0.00	45.21 -0.46 0.00	43.93 -0.47 0.00	38.34 -0.46 0.00	32.46 -0.35 0.00	25.47 -0.23 0.00	20.77 -0.26 0.00
TALLMAN__138KV_BK151 55660	39.91 1.17 0.00	32.09 0.99 0.00	30.75 0.99 0.00	26.73 0.91 0.00	31.28 0.94 0.00	28.18 0.78 0.00	32.26 0.93 0.00	33.37 1.10 0.00	39.71 1.38 0.00	34.00 1.30 0.00	21.90 0.92 0.00	25.19 1.05 0.00	30.50 1.15 -4.75	31.41 1.42 -0.88	38.37 1.86 -0.32	34.17 1.70 -0.28	37.78 1.84 -0.11	54.68 2.53 0.00	47.45 1.78 0.00	45.96 1.56 0.00	39.96 1.16 0.00	33.75 0.94 0.00	26.51 0.81 0.00	21.78 0.75 0.00
TEALLAVE_115KV_TB7 355573	38.35 -0.38 0.00	30.75 -0.36 0.00	29.41 -0.35 0.00	25.51 -0.31 0.00	29.99 -0.36 0.00	27.07 -0.33 0.00	30.92 -0.42 0.00	32.11 -0.51 -0.34	37.66 -0.67 0.00	32.12 -0.58 0.00	20.60 -0.39 0.00	23.70 -0.44 0.00	24.14 -0.46 0.00	28.60 -0.52 0.00	35.56 -0.67 -0.04	31.59 -0.60 0.00	35.15 -0.67 0.00	51.21 -0.94 0.00	44.97 -0.70 0.00	43.68 -0.72 0.00	38.12 -0.68 0.00	32.28 -0.52 0.00	25.34 -0.35 0.00	20.67 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	38.58 -0.15 0.00	30.85 -0.25 0.00	29.48 -0.28 0.00	25.51 -0.31 0.00	30.02 -0.32 0.00	27.18 -0.22 0.00	30.55 -0.79 0.00	31.15 -1.32 -0.20	36.92 -1.41 0.00	31.93 -0.78 0.00	20.44 -0.54 0.00	23.55 -0.60 0.00	23.91 -0.69 0.00	28.30 -0.82 0.00	35.06 -1.15 -0.02	30.59 -1.60 0.00	33.76 -2.06 0.00	48.79 -3.36 0.00	43.20 -2.46 0.00	41.95 -2.45 0.00	36.69 -2.12 0.00	31.15 -1.65 0.00	24.46 -1.24 0.00	19.75 -1.28 0.00
TEMPLE___115KV_TB 2 55572	38.37 -0.37 0.00	30.76 -0.34 0.00	29.43 -0.34 0.00	25.52 -0.30 0.00	29.99 -0.35 0.00	27.08 -0.32 0.00	30.93 -0.41 0.00	32.11 -0.50 -0.34	37.68 -0.64 0.00	32.14 -0.56 0.00	20.61 -0.38 0.00	23.71 -0.43 0.00	24.16 -0.44 0.00	28.61 -0.51 0.00	35.57 -0.66 -0.04	31.62 -0.58 0.00	35.18 -0.64 0.00	51.26 -0.89 0.00	44.98 -0.69 0.00	43.71 -0.69 0.00	38.14 -0.67 0.00	32.29 -0.51 0.00	25.35 -0.35 0.00	20.67 -0.36 0.00
TIANA____69_KV_BK 1 55817	40.10 1.37 0.00	32.00 0.90 0.00	30.46 0.70 0.00	26.37 0.55 0.00	30.77 0.42 0.00	27.71 0.32 0.00	33.90 0.70 -1.87	36.10 1.39 -2.44	39.87 1.54 0.00	34.19 1.49 0.00	22.23 1.24 -0.01	25.46 1.32 0.00	32.87 1.45 -6.83	41.15 1.88 -10.15	40.59 2.48 -1.92	36.29 2.33 -1.77	38.57 2.60 -0.15	55.60 3.45 0.00	48.04 2.37 0.00	46.40 2.00 0.00	36.71 1.13 3.22	33.56 0.75 0.00	26.33 0.64 0.00	21.82 0.78 0.00

TILDEN___115KV_TB1 80814	38.52 -0.22 0.00	30.87 -0.23 0.00	29.53 -0.23 0.00	25.62 -0.20 0.00	30.11 -0.24 0.00	27.18 -0.22 0.00	31.05 -0.28 0.00	32.28 -0.37 -0.38	37.83 -0.50 0.00	32.24 -0.46 0.00	20.66 -0.32 0.00	23.78 -0.37 0.00	24.22 -0.38 0.00	28.70 -0.42 0.00	35.68 -0.55 -0.04	31.72 -0.47 0.00	35.31 -0.51 0.00	51.48 -0.66 0.00	45.21 -0.46 0.00	43.93 -0.47 0.00	38.34 -0.46 0.00	32.46 -0.35 0.00	25.47 -0.23 0.00	20.77 -0.26 0.00
TRIGEN___CC 323695	40.36 1.63 0.00	32.40 1.29 0.00	30.91 1.15 0.00	26.79 0.97 0.00	31.31 0.96 0.00	28.18 0.78 0.00	34.31 1.11 -1.87	36.34 1.63 -2.44	40.29 1.97 0.00	34.52 1.82 0.00	22.34 1.36 -0.01	25.65 1.51 0.00	33.03 1.60 -6.83	41.22 1.95 -10.15	40.59 2.47 -1.92	36.19 2.23 -1.77	38.34 2.37 -0.15	55.27 3.12 0.00	47.78 2.11 0.00	46.28 1.88 0.00	37.48 1.25 2.57	33.75 0.94 0.00	26.47 0.78 0.00	21.86 0.83 0.00
TRINITY___115KV___4 BK 55933	38.59 -0.14 0.00	31.05 -0.05 0.00	29.75 -0.01 0.00	25.85 0.03 0.00	30.30 -0.04 0.00	27.38 -0.02 0.00	31.37 0.04 0.00	32.38 0.11 0.00	38.43 0.10 0.00	32.68 -0.02 0.00	21.01 0.03 0.00	24.14 0.00 0.00	22.18 0.05 2.47	28.68 0.02 0.46	35.96 -0.06 0.17	32.07 0.02 0.14	35.80 0.05 0.06	52.10 -0.05 0.00	45.48 -0.19 0.00	44.22 -0.18 0.00	38.72 -0.08 0.00	32.80 -0.01 0.00	25.71 0.01 0.00	21.19 0.15 0.00
UNION___PROCESSING_DRP 323587	38.62 -0.12 0.00	30.89 -0.22 0.00	29.52 -0.24 0.00	25.57 -0.25 0.00	30.09 -0.26 0.00	27.21 -0.19 0.00	30.84 -0.50 0.00	31.73 -0.74 -0.20	37.48 -0.85 0.00	32.18 -0.52 0.00	20.63 -0.35 0.00	23.76 -0.38 0.00	24.18 -0.42 0.00	28.63 -0.49 0.00	35.52 -0.70 -0.02	31.34 -0.85 0.00	34.79 -1.03 0.00	50.58 -1.56 0.00	44.61 -1.06 0.00	43.31 -1.09 0.00	37.81 -1.00 0.00	32.01 -0.79 0.00	25.09 -0.60 0.00	20.36 -0.67 0.00
UPPER HUDSON___HYD 24058	39.67 0.94 0.00	31.86 0.76 0.00	30.60 0.84 0.00	26.49 0.67 0.00	31.09 0.74 0.00	28.08 0.68 0.00	32.31 0.97 0.00	33.35 1.08 0.00	39.96 1.63 0.00	33.90 1.20 0.00	21.50 0.52 0.00	24.75 0.60 0.00	22.46 0.65 2.80	29.35 0.75 0.52	36.66 0.65 0.19	32.33 0.30 0.16	36.26 0.51 0.07	53.39 1.24 0.00	46.77 1.11 0.00	45.73 1.33 0.00	40.05 1.25 0.00	33.82 1.01 0.00	26.48 0.78 0.00	21.81 0.78 0.00
UPPER RAQUET___HYD 24056	39.81 1.08 0.00	31.98 0.87 0.00	30.52 0.76 0.00	26.41 0.59 0.00	31.11 0.77 0.00	28.22 0.82 0.00	32.34 1.00 0.00	33.36 1.01 -0.08	39.33 1.00 0.00	33.46 0.76 0.00	21.41 0.42 0.00	24.61 0.47 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 -0.01	32.65 0.45 0.00	36.32 0.50 0.00	53.15 1.00 0.00	47.20 1.54 0.00	46.16 1.76 0.00	40.40 1.60 0.00	34.08 1.27 0.00	26.55 0.86 0.00	21.64 0.60 0.00
VALLEY44_115KV_TB2 355964	38.13 -0.61 0.00	30.41 -0.69 0.00	29.18 -0.58 0.00	25.23 -0.59 0.00	29.69 -0.66 0.00	26.83 -0.57 0.00	30.23 -1.11 0.00	31.13 -1.35 -0.22	37.00 -1.33 0.00	32.16 -0.54 0.00	20.70 -0.28 0.00	23.86 -0.28 0.00	24.34 -0.26 0.00	28.86 -0.26 0.00	35.69 -0.52 -0.02	31.24 -0.95 0.00	34.32 -1.50 0.00	49.40 -2.75 0.00	43.20 -2.47 0.00	41.79 -2.61 0.00	36.38 -2.42 0.00	31.01 -1.80 0.00	24.56 -1.14 0.00	19.78 -1.26 0.00
VALLEY___115KV_TB 1-4 80826	38.91 0.18 0.00	31.31 0.21 0.00	30.01 0.25 0.00	26.05 0.23 0.00	30.56 0.21 0.00	27.61 0.21 0.00	31.64 0.30 0.00	32.60 0.33 0.00	38.35 0.02 0.00	32.37 -0.33 0.00	20.75 -0.23 0.00	23.86 -0.28 0.00	24.34 -0.26 0.00	28.80 -0.32 0.00	35.77 -0.43 0.00	31.91 -0.28 0.00	35.71 -0.11 0.00	52.47 0.33 0.00	46.04 0.37 0.00	44.91 0.51 0.00	39.21 0.41 0.00	33.03 0.22 0.00	25.85 0.16 0.00	21.21 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.83 1.10 0.00	31.96 0.86 0.00	30.54 0.78 0.00	26.52 0.70 0.00	31.22 0.87 0.00	28.12 0.73 0.00	32.19 0.85 0.00	33.32 0.93 -0.13	39.39 1.06 0.00	33.62 0.92 0.00	21.56 0.58 0.00	24.79 0.65 0.00	25.25 0.65 0.00	29.91 0.79 0.00	37.23 1.02 -0.01	33.16 0.97 0.00	37.01 1.19 0.00	54.11 1.96 0.00	47.21 1.54 0.00	45.77 1.37 0.00	39.93 1.13 0.00	33.74 0.93 0.00	26.43 0.73 0.00	21.55 0.52 0.00
VISCHER___FERRY HYD 24020	39.31 0.57 0.00	31.60 0.49 0.00	30.26 0.49 0.00	26.27 0.45 0.00	30.81 0.46 0.00	27.81 0.41 0.00	31.92 0.58 0.00	32.94 0.67 0.00	39.10 0.77 0.00	33.21 0.50 0.00	21.26 0.27 0.00	24.44 0.30 0.00	21.20 0.35 3.75	28.82 0.39 0.69	36.38 0.44 0.25	32.37 0.39 0.22	36.22 0.49 0.09	52.89 0.74 0.00	46.22 0.55 0.00	44.99 0.59 0.00	39.45 0.65 0.00	33.37 0.57 0.00	26.13 0.44 0.00	21.55 0.52 0.00
V_A_10_SYNC_DSASP 323832	38.05 -0.69 0.00	30.42 -0.68 0.00	29.09 -0.67 0.00	25.18 -0.64 0.00	29.64 -0.71 0.00	26.83 -0.57 0.00	30.14 -1.20 0.00	30.79 -1.67 -0.19	36.58 -1.75 0.00	31.78 -0.92 0.00	20.40 -0.58 0.00	23.52 -0.62 0.00	23.91 -0.69 0.00	28.29 -0.83 0.00	35.06 -1.16 -0.02	30.63 -1.57 0.00	33.74 -2.08 0.00	48.55 -3.60 0.00	42.73 -2.94 0.00	41.37 -3.03 0.00	36.17 -2.63 0.00	30.75 -2.05 0.00	24.19 -1.50 0.00	19.56 -1.47 0.00
V_CMM_10_SYNC_DSASP 323787	39.14 0.41 0.00	31.43 0.33 0.00	30.04 0.28 0.00	26.03 0.21 0.00	30.64 0.29 0.00	27.74 0.34 0.00	31.73 0.39 0.00	32.66 0.39 0.00	38.86 0.53 0.00	33.20 0.50 0.00	21.29 0.31 0.00	24.51 0.37 0.00	24.95 0.35 0.00	29.49 0.38 0.00	36.71 0.51 0.00	32.56 0.37 0.00	36.20 0.38 0.00	52.73 0.58 0.00	46.39 0.72 0.00	45.17 0.77 0.00	39.52 0.71 0.00	33.36 0.56 0.00	26.05 0.36 0.00	21.27 0.24 0.00
V_CMP_10_SYNC_DSASP 323788	40.94 2.20 0.00	32.76 1.66 0.00	31.01 1.25 0.00	26.63 0.81 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.17 1.90 0.00	40.33 2.00 0.00	34.48 1.78 0.00	22.00 1.02 0.00	25.31 1.17 0.00	25.97 1.36 0.00	30.77 1.65 0.00	38.34 2.15 0.00	34.02 1.82 0.00	37.88 2.06 0.00	55.33 3.18 0.00	48.46 2.79 0.00	47.33 2.93 0.00	41.42 2.62 0.00	34.83 2.03 0.00	26.97 1.27 0.00	21.97 0.94 0.00
V_D_10_SYNC_DSASP 323841	39.41 0.67 0.00	31.66 0.56 0.00	30.24 0.48 0.00	26.19 0.37 0.00	30.83 0.49 0.00	27.96 0.56 0.00	31.99 0.65 0.00	32.90 0.63 0.00	39.07 0.74 0.00	33.36 0.66 0.00	21.37 0.39 0.00	24.60 0.46 0.00	25.04 0.44 0.00	29.60 0.48 0.00	36.84 0.64 0.00	32.67 0.48 0.00	36.33 0.51 0.00	52.97 0.82 0.00	46.73 1.06 0.00	45.53 1.14 0.00	39.86 1.06 0.00	33.63 0.83 0.00	26.25 0.55 0.00	21.42 0.38 0.00
V_E_10_SYNC_DSASP 323830	40.24 1.50 0.00	32.43 1.33 0.00	30.78 1.02 0.00	26.76 0.94 0.00	31.73 1.39 0.00	28.73 1.33 0.00	32.92 1.58 0.00	34.12 1.60 -0.25	39.79 1.46 0.00	33.52 0.82 0.00	21.33 0.35 0.00	24.49 0.35 0.00	24.90 0.29 0.00	29.52 0.40 0.00	36.73 0.51 -0.03	32.73 0.54 0.00	36.83 1.01 0.00	54.64 2.50 0.00	48.38 2.71 0.00	47.10 2.70 0.00	40.97 2.17 0.00	34.55 1.74 0.00	26.93 1.24 0.00	21.63 0.60 0.00

V_F_30_NSYNC___DSASP 323816	39.84 1.11 0.00	31.99 0.89 0.00	30.65 0.89 0.00	26.58 0.76 0.00	31.21 0.87 0.00	28.17 0.77 0.00	32.34 1.01 0.00	33.36 1.09 0.00	39.60 1.27 0.00	33.60 0.90 0.00	21.44 0.46 0.00	24.66 0.52 0.00	22.21 0.56 2.95	29.23 0.65 0.55	36.73 0.74 0.20	32.62 0.60 0.17	36.56 0.81 0.07	53.60 1.45 0.00	46.93 1.26 0.00	45.72 1.32 0.00	40.02 1.21 0.00	33.83 1.03 0.00	26.48 0.79 0.00	21.79 0.76 0.00
V_F_30_SYNC_DSASP 323786	38.76 0.02 0.00	31.18 0.08 0.00	29.88 0.11 0.00	25.95 0.13 0.00	30.43 0.08 0.00	27.48 0.09 0.00	31.49 0.15 0.00	32.50 0.23 0.00	38.56 0.23 0.00	32.78 0.08 0.00	21.07 0.09 0.00	24.21 0.07 0.00	22.20 0.13 2.53	28.75 0.10 0.47	36.08 0.06 0.17	32.19 0.15 0.15	35.96 0.20 0.06	52.36 0.22 0.00	45.72 0.05 0.00	44.45 0.05 0.00	38.90 0.10 0.00	32.95 0.15 0.00	25.82 0.13 0.00	21.26 0.23 0.00
V_XM_10_SYNC_DSASP 323789	40.94 2.20 0.00	32.76 1.66 0.00	31.01 1.25 0.00	26.63 0.81 0.00	31.56 1.21 0.00	28.86 1.46 0.00	33.17 1.83 0.00	34.17 1.90 0.00	40.33 2.00 0.00	34.48 1.78 0.00	22.00 1.02 0.00	25.31 1.17 0.00	25.97 1.36 0.00	30.77 1.65 0.00	38.34 2.15 0.00	34.02 1.82 0.00	37.88 2.06 0.00	55.33 3.18 0.00	48.46 2.79 0.00	47.33 2.93 0.00	41.42 2.62 0.00	34.83 2.03 0.00	26.97 1.27 0.00	21.97 0.94 0.00
W.BABYLN_69_KV_BK1 56697	40.88 2.15 0.00	32.72 1.62 0.00	31.17 1.41 0.00	26.98 1.16 0.00	31.49 1.14 0.00	28.33 0.93 0.00	34.54 1.33 -1.87	36.67 1.96 -2.44	40.64 2.31 0.00	34.79 2.09 0.00	22.56 1.57 -0.01	25.87 1.73 0.00	33.27 1.85 -6.83	41.55 2.28 -10.15	41.03 2.92 -1.92	36.61 2.66 -1.77	38.84 2.87 -0.15	55.97 3.83 0.00	48.34 2.67 0.00	46.77 2.37 0.00	37.36 1.60 3.04	33.98 1.18 0.00	26.65 0.96 0.00	22.06 1.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.11 1.38 0.00	32.26 1.15 0.00	30.89 1.13 0.00	26.84 1.02 0.00	31.42 1.07 0.00	28.30 0.90 0.00	32.41 1.07 0.00	33.54 1.27 0.00	39.90 1.58 0.00	34.17 1.47 0.00	22.01 1.03 0.00	25.31 1.17 0.00	30.75 1.27 -4.88	31.58 1.56 -0.90	38.56 2.04 -0.33	34.36 1.88 -0.29	37.99 2.05 -0.12	54.99 2.84 0.00	47.72 2.05 0.00	46.21 1.81 0.00	40.17 1.37 0.00	33.93 1.13 0.00	26.64 0.94 0.00	21.88 0.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.28 1.54 0.00	32.36 1.25 0.00	30.95 1.19 0.00	26.88 1.06 0.00	31.43 1.08 0.00	28.28 0.88 0.00	32.41 1.07 0.00	33.61 1.35 0.00	40.03 1.70 0.00	34.35 1.66 0.00	22.17 1.20 0.00	25.50 1.36 0.00	32.24 1.45 -6.19	32.01 1.75 -1.14	38.87 2.26 -0.42	34.62 2.06 -0.36	38.18 2.21 -0.15	55.16 3.02 0.00	47.77 2.10 0.00	46.24 1.84 0.00	40.23 1.43 0.00	34.02 1.22 0.00	26.71 1.02 0.00	21.95 0.92 0.00
W50THST__13_KV_LOAD 356117	40.46 1.72 0.00	32.50 1.39 0.00	31.08 1.32 0.00	26.98 1.16 0.00	31.55 1.21 0.00	28.39 0.99 0.00	32.53 1.19 0.00	33.75 1.48 0.00	40.21 1.88 0.00	34.53 1.83 0.00	22.29 1.31 0.00	25.64 1.50 0.00	32.39 1.60 -6.19	32.19 1.92 -1.14	39.09 2.48 -0.42	34.82 2.26 -0.36	38.39 2.43 -0.15	55.46 3.32 0.00	48.01 2.35 0.00	46.46 2.06 0.00	40.42 1.62 0.00	34.19 1.39 0.00	26.84 1.15 0.00	22.06 1.03 0.00
WADING RIVER_IC_1 23522	39.86 1.13 0.00	31.84 0.74 0.00	30.32 0.56 0.00	26.25 0.43 0.00	30.62 0.28 0.00	27.57 0.17 0.00	33.71 0.51 -1.87	35.93 1.22 -2.44	39.64 1.32 0.00	33.94 1.23 0.00	22.04 1.05 -0.01	25.24 1.10 0.00	32.64 1.21 -6.83	40.83 1.55 -10.15	40.16 2.05 -1.92	35.88 1.92 -1.77	38.07 2.10 -0.15	54.85 2.70 0.00	47.40 1.72 0.00	45.82 1.42 0.00	36.28 0.69 3.22	33.22 0.41 0.00	26.06 0.36 0.00	21.60 0.56 0.00
WADING RIVER_IC_2 23547	39.86 1.13 0.00	31.84 0.74 0.00	30.32 0.56 0.00	26.25 0.43 0.00	30.62 0.28 0.00	27.57 0.17 0.00	33.71 0.51 -1.87	35.93 1.22 -2.44	39.64 1.32 0.00	33.94 1.23 0.00	22.04 1.05 -0.01	25.24 1.10 0.00	32.64 1.21 -6.83	40.83 1.55 -10.15	40.16 2.05 -1.92	35.88 1.92 -1.77	38.07 2.10 -0.15	54.85 2.70 0.00	47.40 1.72 0.00	45.82 1.42 0.00	36.28 0.69 3.22	33.22 0.41 0.00	26.06 0.36 0.00	21.60 0.56 0.00
WADING RIVER_IC_3 23601	39.86 1.13 0.00	31.84 0.74 0.00	30.32 0.56 0.00	26.25 0.43 0.00	30.62 0.28 0.00	27.57 0.17 0.00	33.71 0.51 -1.87	35.93 1.22 -2.44	39.64 1.32 0.00	33.94 1.23 0.00	22.04 1.05 -0.01	25.24 1.10 0.00	32.64 1.21 -6.83	40.83 1.55 -10.15	40.16 2.05 -1.92	35.88 1.92 -1.77	38.07 2.10 -0.15	54.85 2.70 0.00	47.40 1.72 0.00	45.82 1.42 0.00	36.28 0.69 3.22	33.22 0.41 0.00	26.06 0.36 0.00	21.60 0.56 0.00
WALDENNY_12_KV_BK2 80841	38.33 -0.41 0.00	30.58 -0.52 0.00	29.24 -0.52 0.00	25.25 -0.57 0.00	29.73 -0.61 0.00	26.94 -0.46 0.00	30.20 -1.14 0.00	30.80 -1.68 -0.21	36.60 -1.73 0.00	31.87 -0.83 0.00	20.48 -0.50 0.00	23.63 -0.52 0.00	23.98 -0.62 0.00	28.43 -0.69 0.00	35.25 -0.96 -0.02	30.75 -1.45 0.00	33.84 -1.98 0.00	48.66 -3.49 0.00	42.84 -2.83 0.00	41.38 -3.02 0.00	36.12 -2.69 0.00	30.72 -2.08 0.00	24.15 -1.54 0.00	19.46 -1.57 0.00
WALDEN___HYDRO 24148	39.92 1.18 0.00	32.05 0.94 0.00	30.68 0.92 0.00	26.65 0.83 0.00	31.22 0.87 0.00	28.13 0.73 0.00	32.20 0.87 0.00	33.29 1.03 0.00	39.59 1.26 0.00	33.83 1.12 0.00	21.75 0.78 0.00	25.01 0.86 0.00	30.46 0.93 -4.92	31.18 1.15 -0.91	38.04 1.52 -0.33	33.90 1.42 -0.29	37.51 1.57 -0.12	54.39 2.24 0.00	47.33 1.66 0.00	45.94 1.54 0.00	39.98 1.18 0.00	33.76 0.96 0.00	26.49 0.80 0.00	21.76 0.73 0.00
WARRENSBURG____ 23737	39.67 0.94 0.00	31.86 0.76 0.00	30.60 0.84 0.00	26.49 0.67 0.00	31.09 0.74 0.00	28.08 0.68 0.00	32.31 0.97 0.00	33.35 1.08 0.00	39.96 1.63 0.00	33.90 1.20 0.00	21.50 0.52 0.00	24.75 0.60 0.00	22.46 0.65 2.80	29.35 0.75 0.52	36.66 0.65 0.19	32.33 0.30 0.16	36.26 0.51 0.07	53.39 1.24 0.00	46.77 1.11 0.00	45.73 1.33 0.00	40.05 1.25 0.00	33.82 1.01 0.00	26.48 0.78 0.00	21.81 0.78 0.00
WATERSIDE___6 8 9 23538	40.30 1.56 0.00	32.39 1.28 0.00	30.98 1.22 0.00	26.88 1.06 0.00	31.43 1.09 0.00	28.30 0.90 0.00	32.46 1.12 0.00	33.62 1.38 0.03	40.04 1.71 0.00	34.28 1.67 0.09	15.74 1.22 6.46	25.32 1.38 0.21	32.16 1.46 -6.10	31.97 1.80 -1.05	38.82 2.31 -0.32	34.57 2.10 -0.28	38.11 2.23 -0.06	55.13 2.99 0.00	47.76 2.09 0.00	46.24 1.84 0.00	40.25 1.45 0.00	34.04 1.24 0.00	26.71 1.02 0.00	21.95 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.81 0.08 0.00	31.21 0.10 0.00	29.90 0.14 0.00	25.95 0.13 0.00	30.46 0.12 0.00	27.51 0.11 0.00	31.51 0.17 0.00	32.46 0.19 0.00	38.30 -0.03 0.00	32.42 -0.28 0.00	20.80 -0.19 0.00	23.91 -0.23 0.00	24.39 -0.21 0.00	28.86 -0.26 0.00	35.84 -0.35 0.00	31.96 -0.24 0.00	35.69 -0.13 0.00	52.29 0.14 0.00	45.85 0.18 0.00	44.68 0.28 0.00	39.04 0.24 0.00	32.93 0.13 0.00	25.79 0.09 0.00	21.14 0.11 0.00

WDELAWARE___HYD 323627	38.94 0.21 0.00	31.27 0.17 0.00	29.92 0.16 0.00	25.98 0.16 0.00	30.45 0.10 0.00	27.44 0.04 0.00	31.43 0.09 0.00	32.51 0.24 0.00	38.62 0.29 0.00	32.91 0.21 0.00	21.13 0.15 0.00	24.26 0.12 0.00	28.47 0.15 -3.71	30.02 0.22 -0.69	36.79 0.35 -0.25	32.85 0.44 -0.22	36.46 0.55 -0.09	53.07 0.92 0.00	46.29 0.62 0.00	45.01 0.61 0.00	39.19 0.38 0.00	33.07 0.27 0.00	25.93 0.23 0.00	21.26 0.23 0.00
WEST BABYLON___IC 23714	40.88 2.15 0.00	32.72 1.62 0.00	31.17 1.41 0.00	26.98 1.16 0.00	31.49 1.14 0.00	28.33 0.93 0.00	34.54 1.33 -1.87	36.67 1.96 -2.44	40.64 2.31 0.00	34.79 2.09 0.00	22.56 1.57 -0.01	25.87 1.73 0.00	33.27 1.85 -6.83	41.55 2.28 -1.92	41.03 2.92 -1.77	36.61 2.66 -0.15	38.84 2.87 -0.15	55.97 3.83 0.00	48.34 2.67 0.00	46.77 2.37 0.00	37.36 1.60 3.04	33.98 1.18 0.00	26.65 0.96 0.00	22.06 1.03 0.00
WEST CANADA___HYD 24049	38.73 0.00 0.00	31.10 0.00 0.00	29.77 0.01 0.00	25.84 0.02 0.00	30.35 0.01 0.00	27.40 0.00 0.00	31.34 0.00 0.00	32.30 0.02 0.00	38.32 -0.01 0.00	32.67 -0.03 0.00	20.96 -0.03 0.00	24.10 -0.04 0.00	24.57 -0.03 0.00	29.09 -0.03 0.00	36.14 -0.05 0.00	32.16 -0.03 0.00	35.82 0.00 0.00	52.19 0.04 0.00	45.66 -0.01 0.00	44.40 0.00 0.00	38.80 0.00 0.00	32.80 0.00 0.00	25.69 0.00 0.00	21.05 0.02 0.00
WESTERN_NY_WIND 24143	39.22 0.49 0.00	31.33 0.23 0.00	29.94 0.17 0.00	25.91 0.08 0.00	30.50 0.15 0.00	27.62 0.22 0.00	31.10 -0.23 0.00	31.76 -0.71 -0.20	37.52 -0.81 0.00	32.21 -0.49 0.00	20.57 -0.42 0.00	23.65 -0.49 0.00	24.03 -0.57 0.00	28.43 -0.69 0.00	35.25 -0.96 -0.02	30.83 -1.36 0.00	34.09 -1.72 0.00	49.62 -2.53 0.00	44.16 -1.51 0.00	43.01 -1.39 0.00	37.59 -1.22 0.00	31.87 -0.94 0.00	24.99 -0.71 0.00	20.18 -0.85 0.00
WESTOVER___LESR 323668	38.66 -0.07 0.00	30.93 -0.17 0.00	29.59 -0.17 0.00	25.65 -0.17 0.00	30.17 -0.18 0.00	27.24 -0.16 0.00	31.08 -0.26 0.00	32.19 -0.33 -0.25	37.95 -0.38 0.00	32.43 -0.27 0.00	20.82 -0.16 0.00	23.98 -0.16 0.00	24.42 -0.18 0.00	28.98 -0.14 0.00	36.03 -0.19 -0.03	32.02 -0.17 0.00	35.60 -0.22 0.00	51.84 -0.31 0.00	45.33 -0.34 0.00	43.95 -0.45 0.00	38.28 -0.52 0.00	32.44 -0.36 0.00	25.50 -0.20 0.00	20.71 -0.32 0.00
WETHRSFD_WT_PWR 323626	37.90 -0.83 0.00	30.24 -0.86 0.00	28.86 -0.90 0.00	24.88 -0.94 0.00	29.30 -1.05 0.00	26.60 -0.80 0.00	29.92 -1.42 0.00	30.60 -1.89 -0.22	36.15 -2.18 0.00	31.27 -1.43 0.00	20.08 -0.90 0.00	23.15 -0.99 0.00	23.53 -1.07 0.00	27.96 -1.16 0.00	34.74 -1.47 -0.02	30.45 -1.75 0.00	33.61 -2.21 0.00	48.61 -3.54 0.00	42.91 -2.76 0.00	41.38 -3.02 0.00	35.94 -2.86 0.00	30.58 -2.22 0.00	24.06 -1.63 0.00	19.37 -1.66 0.00
WHAVSTOR_138KV_BK127 55557	39.90 1.17 0.00	32.08 0.98 0.00	30.73 0.97 0.00	26.70 0.88 0.00	31.25 0.91 0.00	28.14 0.74 0.00	32.23 0.90 0.00	33.35 1.08 0.00	39.69 1.36 0.00	33.98 1.28 0.00	21.89 0.91 0.00	25.17 1.03 0.00	30.63 1.13 -4.91	31.41 1.38 -0.91	38.35 1.83 -0.33	34.14 1.66 -0.29	37.74 1.80 -0.12	54.61 2.46 0.00	47.39 1.72 0.00	45.90 1.50 0.00	39.92 1.12 0.00	33.72 0.92 0.00	26.48 0.79 0.00	21.77 0.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.90 1.17 0.00	32.08 0.98 0.00	30.73 0.97 0.00	26.70 0.88 0.00	31.25 0.91 0.00	28.14 0.74 0.00	32.23 0.90 0.00	33.35 1.08 0.00	39.69 1.36 0.00	33.98 1.28 0.00	21.89 0.91 0.00	25.17 1.03 0.00	30.63 1.13 -4.91	31.41 1.38 -0.91	38.35 1.83 -0.33	34.14 1.66 -0.29	37.74 1.80 -0.12	54.61 2.46 0.00	47.39 1.72 0.00	45.90 1.50 0.00	39.92 1.12 0.00	33.72 0.92 0.00	26.48 0.79 0.00	21.77 0.73 0.00
WHITEHAL_115KV_TB1 80871	40.36 1.63 0.00	32.60 1.49 0.00	31.43 1.67 0.00	27.08 1.26 0.00	31.68 1.33 0.00	28.66 1.26 0.00	33.17 1.83 0.00	34.26 2.00 0.00	40.39 2.06 0.00	34.10 1.40 0.00	21.61 0.63 0.00	24.91 0.76 0.00	22.65 0.90 2.86	29.76 1.17 0.53	37.43 1.43 0.19	33.07 1.05 0.17	37.12 1.37 0.07	54.48 2.33 0.00	47.58 1.91 0.00	46.72 2.33 0.00	41.15 2.35 0.00	34.79 1.98 0.00	27.07 1.37 0.00	22.48 1.45 0.00
WHITEPLN_13_KV_LOAD 356215	40.61 1.88 0.00	32.57 1.47 0.00	31.13 1.37 0.00	27.01 1.19 0.00	31.59 1.25 0.00	28.44 1.05 0.00	32.60 1.26 0.00	33.78 1.51 0.00	40.23 1.90 0.00	34.47 1.77 0.00	22.22 1.24 0.00	25.55 1.41 0.00	31.89 1.50 -5.79	32.02 1.82 -1.07	38.94 2.36 -0.39	34.69 2.15 -0.34	38.31 2.35 -0.14	55.42 3.27 0.00	48.06 2.40 0.00	46.52 2.13 0.00	40.48 1.68 0.00	34.19 1.38 0.00	26.82 1.13 0.00	22.04 1.00 0.00
WM_FLOYD_69_KV_BK2 356380	40.21 1.47 0.00	32.10 1.00 0.00	30.57 0.81 0.00	26.45 0.63 0.00	30.86 0.52 0.00	27.78 0.38 0.00	33.96 0.75 -1.87	36.14 1.44 -2.44	39.91 1.59 0.00	34.15 1.45 0.00	22.18 1.19 -0.01	25.38 1.23 0.00	32.77 1.34 -6.83	41.01 1.74 -10.15	40.38 2.27 -1.92	36.08 2.12 -1.77	38.32 2.35 -0.15	55.22 3.07 0.00	47.73 2.06 0.00	46.17 1.77 0.00	36.58 0.99 3.21	33.46 0.66 0.00	26.25 0.56 0.00	21.75 0.72 0.00
WOODARD__115KV_TB2 355635	38.30 -0.43 0.00	30.71 -0.40 0.00	29.38 -0.38 0.00	25.48 -0.34 0.00	29.95 -0.39 0.00	27.04 -0.36 0.00	30.88 -0.46 0.00	32.13 -0.55 -0.41	37.62 -0.71 0.00	32.09 -0.61 0.00	20.57 -0.41 0.00	23.67 -0.47 0.00	24.12 -0.49 0.00	28.57 -0.55 0.00	35.51 -0.73 -0.04	31.57 -0.63 0.00	35.13 -0.69 0.00	51.20 -0.95 0.00	44.95 -0.72 0.00	43.67 -0.73 0.00	38.12 -0.68 0.00	32.26 -0.54 0.00	25.31 -0.38 0.00	20.65 -0.38 0.00
WOODMERE_69_KV_BK1 55827	40.88 2.15 0.00	32.77 1.67 0.00	31.26 1.50 0.00	27.08 1.26 0.00	31.62 1.27 0.00	28.46 1.06 0.00	34.63 1.42 -1.87	36.64 1.93 -2.44	40.68 2.35 0.00	34.87 2.17 0.00	22.56 1.58 -0.01	25.92 1.78 0.00	33.31 1.88 -6.83	41.55 2.27 -10.15	41.00 2.88 -1.92	36.60 2.64 -1.77	38.79 2.82 -0.15	55.90 3.75 0.00	48.35 2.68 0.00	46.82 2.42 0.00	37.72 1.69 2.78	34.12 1.31 0.00	26.76 1.06 0.00	22.08 1.05 0.00
YORK___WARBASSE 23770	40.38 1.64 0.00	32.53 1.43 0.00	31.12 1.37 0.00	27.01 1.19 0.00	31.57 1.23 0.00	28.43 1.03 0.00	32.67 1.33 0.00	33.97 1.58 -0.13	40.18 1.86 0.00	35.04 1.88 -0.46	54.05 1.36 -31.71	26.70 1.54 -1.02	33.03 1.63 -6.79	32.75 2.00 -1.64	39.67 2.55 -0.93	35.28 2.32 -0.76	38.84 2.45 -0.57	55.37 3.22 0.00	47.94 2.27 0.00	46.42 2.02 0.00	40.43 1.63 0.00	34.21 1.41 0.00	26.83 1.14 0.00	22.05 1.02 0.00