



ALBANY___2 23572	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.63 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.28 0.04	36.33 -0.34 0.43	40.54 -0.56 0.87	44.99 -0.59 0.18	42.09 -0.58 1.15	43.77 -0.55 0.71	43.81 -0.66 0.00	48.75 -0.80 0.00	47.62 -0.82 0.00	48.07 -0.76 0.00	50.03 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
ALBANY___3 23573	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.63 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.28 0.04	36.33 -0.34 0.43	40.54 -0.56 0.87	44.99 -0.59 0.18	42.09 -0.58 1.15	43.77 -0.55 0.71	43.81 -0.66 0.00	48.75 -0.80 0.00	47.62 -0.82 0.00	48.07 -0.76 0.00	50.03 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
ALBANY___4 23574	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.63 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.28 0.04	36.33 -0.34 0.43	40.54 -0.56 0.87	44.99 -0.59 0.18	42.09 -0.58 1.15	43.77 -0.55 0.71	43.81 -0.66 0.00	48.75 -0.80 0.00	47.62 -0.82 0.00	48.07 -0.76 0.00	50.03 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
ALBANY___LFGE 323615	38.46 0.92 0.00	34.86 0.95 0.00	30.05 0.90 0.00	30.64 0.88 0.00	31.07 0.87 0.00	35.11 0.77 0.00	37.54 0.64 0.00	34.44 0.53 0.00	29.24 0.29 0.00	30.28 0.18 0.00	32.56 0.04 0.05	36.70 0.06 0.47	40.95 -0.08 0.95	45.51 -0.05 0.20	42.50 -0.07 1.26	44.26 0.00 0.77	44.37 -0.10 0.00	49.42 -0.12 0.00	48.29 -0.14 0.00	48.76 -0.08 0.00	50.71 -0.10 0.00	52.22 -0.17 0.00	45.66 0.07 0.00	37.16 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	37.84 0.30 0.00	34.18 0.27 0.00	29.33 0.17 0.00	29.98 0.22 0.00	30.46 0.26 0.00	34.86 0.51 0.00	37.60 0.70 0.00	34.65 0.73 0.00	29.58 0.64 0.00	30.82 0.73 0.00	33.38 0.81 0.00	37.77 0.67 0.00	42.73 0.76 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.66 0.62 0.00	45.16 0.69 0.00	50.44 0.90 0.00	49.39 0.96 0.00	49.85 1.02 0.00	52.15 1.34 0.00	53.96 1.56 0.00	46.19 0.61 0.00	36.86 0.10 0.00
ALCOA_RYNLDS___DRP 24188	37.84 0.30 0.00	34.18 0.27 0.00	29.33 0.17 0.00	29.98 0.22 0.00	30.46 0.26 0.00	34.86 0.51 0.00	37.60 0.70 0.00	34.65 0.73 0.00	29.58 0.64 0.00	30.82 0.73 0.00	33.38 0.81 0.00	37.77 0.67 0.00	42.73 0.76 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.66 0.62 0.00	45.16 0.69 0.00	50.44 0.90 0.00	49.39 0.96 0.00	49.85 1.02 0.00	52.15 1.34 0.00	53.96 1.56 0.00	46.19 0.61 0.00	36.86 0.10 0.00
ALCOA___DSASP 323711	37.84 0.30 0.00	34.18 0.27 0.00	29.33 0.18 0.00	29.98 0.22 0.00	30.46 0.26 0.00	34.86 0.51 0.00	37.60 0.70 0.00	34.64 0.73 0.00	29.58 0.64 0.00	30.82 0.72 0.00	33.38 0.81 0.00	37.77 0.66 0.00	42.73 0.76 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.65 0.62 0.00	45.16 0.69 0.00	50.44 0.90 0.00	49.39 0.96 0.00	49.85 1.02 0.00	52.15 1.34 0.00	53.96 1.56 0.00	46.19 0.61 0.00	36.86 0.10 0.00
ALLEGHENY___COGEN 23514	38.66 1.12 0.00	35.00 1.09 0.00	29.77 0.62 0.00	30.42 0.66 0.00	31.03 0.83 0.00	35.39 1.05 0.00	37.64 0.74 0.00	34.18 0.27 0.00	28.70 -0.25 0.00	29.92 -0.17 0.00	32.61 0.03 0.00	37.16 0.06 0.00	42.25 0.27 0.00	46.04 0.28 0.00	44.00 0.17 0.00	44.90 -0.13 0.00	43.96 -0.51 0.00	48.94 -0.61 0.00	48.03 -0.40 0.00	49.18 0.35 0.00	52.07 1.26 0.00	53.90 1.50 0.00	47.39 1.80 0.00	38.69 1.93 0.00
ALTAMONT_115KV_TB 2 55880	38.38 0.84 0.00	34.71 0.80 0.00	29.94 0.79 0.00	30.52 0.76 0.00	30.95 0.75 0.00	34.99 0.65 0.00	37.41 0.51 0.00	34.35 0.43 0.00	29.23 0.28 0.00	30.29 0.19 0.00	32.63 0.08 0.03	36.94 0.12 0.28	41.47 0.07 0.57	45.71 0.07 0.12	43.11 0.04 0.75	44.64 0.07 0.46	44.46 -0.02 0.00	49.97 -0.08 -0.51	48.34 -0.09 0.00	48.79 -0.04 0.00	50.76 -0.05 0.00	52.34 -0.06 0.00	46.16 0.22 -0.36	37.16 0.40 0.00
ALTONA_WT_PWR 323606	38.91 1.37 0.00	34.97 1.06 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.24 1.04 0.00	35.64 1.31 0.00	38.36 1.46 0.00	35.34 1.43 0.00	30.21 1.26 0.00	31.35 1.26 0.00	33.99 1.41 0.00	38.68 1.57 0.00	43.75 1.77 0.00	47.76 2.00 0.00	45.57 1.74 0.00	46.81 1.78 0.00	46.23 1.76 0.00	51.81 2.27 0.00	51.04 2.61 0.00	51.37 2.53 0.00	53.44 2.63 0.00	55.26 2.86 0.00	47.43 1.85 0.00	37.83 1.07 0.00
AMERICAN_REF_FUEL 24010	35.69 -1.86 0.00	32.58 -1.33 0.00	27.52 -1.62 0.00	28.34 -1.42 0.00	28.94 -1.27 0.00	33.12 -1.22 0.00	34.51 -2.39 0.00	31.57 -2.35 0.00	27.27 -1.67 0.00	28.73 -1.37 0.00	31.49 -1.09 0.00	35.70 -1.41 0.00	40.50 -1.48 0.00	44.11 -1.65 0.00	42.12 -1.70 0.00	43.09 -1.94 0.00	42.84 -1.63 0.00	48.04 -1.50 0.00	46.93 -1.51 0.00	47.00 -1.83 0.00	48.86 -1.95 0.00	50.53 -1.86 0.00	45.23 -0.36 0.00	36.31 -0.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.92 -0.62 0.00	33.63 -0.27 0.00	28.43 -0.72 0.00	29.06 -0.70 0.00	29.76 -0.44 0.00	33.94 -0.40 0.00	35.75 -1.15 0.00	32.79 -1.12 0.00	28.37 -0.57 0.00	29.96 -0.14 0.00	32.84 0.27 0.00	37.40 0.29 0.00	42.58 0.61 0.00	46.37 0.61 0.00	44.41 0.59 0.00	45.42 0.38 0.00	44.72 0.24 0.00	50.05 0.51 0.00	49.04 0.61 0.00	48.96 0.12 0.00	50.83 0.02 0.00	52.43 0.03 0.00	46.57 0.99 0.00	37.49 0.72 0.00
ARTHUR KILL_GT_1 23520	40.21 2.67 0.00	36.07 2.16 0.00	31.05 1.90 0.00	31.41 1.65 0.00	31.84 1.64 0.00	35.86 1.52 0.00	38.45 1.55 0.00	35.56 1.64 0.00	30.56 1.62 0.00	31.79 1.70 0.00	34.52 1.88 -0.06	40.15 2.46 -0.59	45.95 2.79 -1.19	49.04 3.03 -0.24	48.44 3.04 -1.58	49.09 3.09 -0.96	47.58 3.11 0.00	52.10 2.55 0.00	50.43 2.00 0.00	50.26 1.42 0.00	51.56 0.75 0.00	53.36 0.97 0.00	47.82 2.24 0.00	38.87 2.11 0.00
ARTHUR_KILL_2 23512	40.08 2.55 0.00	35.95 2.04 0.00	30.95 1.80 0.00	31.31 1.55 0.00	31.74 1.54 0.00	35.74 1.40 0.00	38.32 1.42 0.00	35.45 1.54 0.00	30.47 1.52 -0.01	31.69 1.59 0.00	34.42 1.79 -0.06	40.04 2.34 -0.59	45.81 2.65 -1.19	48.87 2.86 -0.24	48.26 2.86 -1.58	48.96 2.96 -0.96	47.42 2.94 0.00	51.92 2.37 0.00	50.24 1.81 0.00	50.06 1.22 0.00	51.36 0.55 0.00	53.16 0.77 0.00	47.64 2.05 0.00	38.73 1.97 0.00
ARTHUR_KILL_3 23513	39.82 2.28 0.00	35.69 1.78 0.00	30.71 1.56 0.00	31.14 1.38 0.00	31.57 1.36 0.00	35.50 1.16 0.00	38.08 1.17 0.00	35.22 1.30 0.00	30.37 1.43 0.00	31.68 1.58 0.00	34.37 1.73 -0.06	39.93 2.24 -0.59	45.70 2.54 -1.19	48.84 2.84 -0.24	48.14 2.73 -1.58	48.81 2.82 -0.96	47.16 2.68 0.00	51.91 2.36 0.00	50.20 1.78 0.00	50.06 1.23 0.00	51.64 0.82 0.00	53.42 1.02 0.00	47.55 1.96 0.00	38.71 1.95 0.00

ARTHUR_KILL_COGEN 323718	40.22 2.68 0.00	36.06 2.16 0.00	31.05 1.90 0.00	31.40 1.64 0.00	31.84 1.64 0.00	35.85 1.51 0.00	38.44 1.54 0.00	35.56 1.65 0.00	30.56 1.62 -0.01	31.80 1.70 0.00	34.52 1.89 -0.06	40.15 2.46 -0.59	45.94 2.78 -1.19	49.03 3.02 -0.24	48.42 3.02 -1.58	49.11 3.11 -0.96	47.58 3.11 0.00	52.10 2.55 0.00	50.43 2.00 0.00	50.25 1.42 0.00	51.56 0.76 0.00	53.38 0.98 0.00	47.82 2.23 0.00	38.87 2.11 0.00
ASHOKAN____ 23654	39.12 1.58 0.00	35.25 1.34 0.00	30.37 1.22 0.00	30.92 1.16 0.00	31.35 1.14 0.00	35.40 1.06 0.00	37.90 1.00 0.00	34.91 1.00 0.00	29.72 0.77 0.00	30.74 0.65 0.00	33.08 0.51 0.00	37.94 0.83 0.00	43.02 1.05 0.00	46.63 0.87 0.00	44.82 0.99 0.00	46.24 1.21 0.00	45.45 0.98 0.01	42.62 1.32 8.25	49.56 1.13 0.00	50.11 1.27 0.00	52.01 1.20 0.00	53.54 1.14 0.00	41.12 1.36 5.83	37.96 1.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.97 2.43 0.00	35.80 1.89 0.00	30.90 1.74 0.00	31.18 1.42 0.00	31.61 1.41 0.00	35.58 1.24 0.00	38.19 1.29 0.00	35.39 1.47 0.00	30.49 1.54 -0.01	31.68 1.58 0.00	34.42 1.79 -0.06	40.02 2.33 -0.59	45.67 2.50 -1.19	48.81 2.80 -0.24	48.16 2.75 -1.58	48.85 2.85 -0.96	47.18 2.70 0.00	51.71 2.16 0.00	50.12 1.69 0.00	50.12 1.29 0.00	51.66 0.85 0.00	53.49 1.10 0.00	47.69 2.11 0.00	38.75 1.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.97 2.43 0.00	35.80 1.89 0.00	30.90 1.75 0.00	31.18 1.42 0.00	31.61 1.41 0.00	35.58 1.24 0.00	38.19 1.29 0.00	35.39 1.47 0.00	30.49 1.54 -0.01	31.68 1.58 0.00	34.42 1.79 -0.06	40.02 2.33 -0.59	45.67 2.50 -1.19	48.81 2.80 -0.24	48.16 2.75 -1.58	48.85 2.85 -0.96	47.18 2.70 0.00	51.71 2.16 0.00	50.12 1.69 0.00	50.12 1.29 0.00	51.66 0.85 0.00	53.49 1.10 0.00	47.69 2.11 0.00	38.75 1.99 0.00
ASTORIA_GT2_1 24094	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT2_2 24095	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT2_3 24096	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT2_4 24097	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT3_1 24098	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT3_2 24099	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT3_3 24100	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT3_4 24101	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT4_1 24102	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT4_2 24103	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT4_3 24104	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00

ASTORIA_GT4_4 24105	39.98 2.44 0.00	35.83 1.93 0.00	30.90 1.75 0.00	31.20 1.44 0.00	31.62 1.42 0.00	35.62 1.28 0.00	38.20 1.30 0.00	35.38 1.47 0.00	30.50 1.56 0.00	31.69 1.59 0.00	34.44 1.81 -0.06	40.04 2.35 -0.59	45.71 2.55 -1.19	48.84 2.84 -0.24	48.19 2.79 -1.58	48.87 2.87 -0.96	47.20 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.51 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA_GT_1 23523	40.06 2.52 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.25 1.49 0.00	31.68 1.48 0.00	35.69 1.35 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.56 1.62 0.00	31.76 1.66 0.00	34.52 1.88 -0.06	40.13 2.44 -0.59	45.81 2.65 -1.19	48.96 2.96 -0.24	48.30 2.90 -1.58	48.98 2.98 -0.96	47.32 2.84 0.00	51.86 2.32 0.00	50.28 1.85 0.00	50.28 1.45 0.00	51.83 1.02 0.00	53.65 1.25 0.00	47.83 2.25 0.00	38.85 2.09 0.00
ASTORIA_GT_10 24110	40.00 2.46 0.00	35.85 1.95 0.00	30.92 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.67 1.33 0.00	38.28 1.38 0.00	35.45 1.54 0.00	30.59 1.65 0.00	31.86 1.77 0.00	34.57 1.94 -0.06	40.17 2.48 -0.59	45.91 2.75 -1.19	49.04 3.04 -0.24	48.39 2.99 -1.58	49.03 3.03 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.17 1.74 0.00	50.06 1.23 0.00	51.54 0.73 0.00	53.35 0.95 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA_GT_11 24225	40.00 2.46 0.00	35.85 1.95 0.00	30.92 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.67 1.33 0.00	38.28 1.38 0.00	35.45 1.54 0.00	30.59 1.65 0.00	31.86 1.77 0.00	34.57 1.94 -0.06	40.17 2.48 -0.59	45.91 2.75 -1.19	49.04 3.04 -0.24	48.39 2.99 -1.58	49.03 3.03 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.17 1.74 0.00	50.06 1.23 0.00	51.54 0.73 0.00	53.35 0.95 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA_GT_12 24226	40.00 2.46 0.00	35.85 1.95 0.00	30.92 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.67 1.33 0.00	38.28 1.38 0.00	35.45 1.54 0.00	30.59 1.65 0.00	31.86 1.77 0.00	34.57 1.94 -0.06	40.17 2.48 -0.59	45.91 2.75 -1.19	49.04 3.04 -0.24	48.39 2.99 -1.58	49.03 3.03 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.17 1.74 0.00	50.06 1.23 0.00	51.54 0.73 0.00	53.35 0.95 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA_GT_13 24227	40.00 2.46 0.00	35.85 1.95 0.00	30.92 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.67 1.33 0.00	38.28 1.38 0.00	35.45 1.54 0.00	30.59 1.65 0.00	31.86 1.77 0.00	34.57 1.94 -0.06	40.17 2.48 -0.59	45.91 2.75 -1.19	49.04 3.04 -0.24	48.39 2.99 -1.58	49.03 3.03 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.17 1.74 0.00	50.06 1.23 0.00	51.54 0.73 0.00	53.35 0.95 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA_GT_5 24106	40.06 2.52 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.25 1.49 0.00	31.68 1.48 0.00	35.69 1.35 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.56 1.62 0.00	31.76 1.66 0.00	34.52 1.88 -0.06	40.13 2.44 -0.59	45.81 2.65 -1.19	48.96 2.96 -0.24	48.30 2.90 -1.58	48.98 2.98 -0.96	47.32 2.84 0.00	51.86 2.32 0.00	50.28 1.85 0.00	50.28 1.45 0.00	51.83 1.02 0.00	53.65 1.25 0.00	47.83 2.25 0.00	38.85 2.09 0.00
ASTORIA_GT_7 24107	40.06 2.52 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.25 1.49 0.00	31.68 1.48 0.00	35.69 1.35 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.56 1.62 0.00	31.76 1.66 0.00	34.52 1.88 -0.06	40.13 2.44 -0.59	45.81 2.65 -1.19	48.96 2.96 -0.24	48.30 2.90 -1.58	48.98 2.98 -0.96	47.32 2.84 0.00	51.86 2.32 0.00	50.28 1.85 0.00	50.28 1.45 0.00	51.83 1.02 0.00	53.65 1.25 0.00	47.83 2.25 0.00	38.85 2.09 0.00
ASTORIA_GT_8 24108	40.06 2.52 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.25 1.49 0.00	31.68 1.48 0.00	35.69 1.35 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.56 1.62 0.00	31.76 1.66 0.00	34.52 1.88 -0.06	40.13 2.44 -0.59	45.81 2.65 -1.19	48.96 2.96 -0.24	48.30 2.90 -1.58	48.98 2.98 -0.96	47.32 2.84 0.00	51.86 2.32 0.00	50.28 1.85 0.00	50.28 1.45 0.00	51.83 1.02 0.00	53.65 1.25 0.00	47.83 2.25 0.00	38.85 2.09 0.00
ASTORIA___2 24149	39.98 2.44 0.00	35.82 1.91 0.00	30.91 1.75 0.00	31.19 1.43 0.00	31.62 1.42 0.00	35.60 1.26 0.00	38.20 1.30 0.00	35.40 1.49 0.00	30.51 1.56 -0.01	31.69 1.59 0.00	34.44 1.81 -0.06	40.05 2.35 -0.59	45.70 2.53 -1.19	48.83 2.83 -0.24	48.18 2.78 -1.58	48.87 2.88 -0.96	47.21 2.73 0.00	51.74 2.19 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.52 1.12 0.00	47.72 2.13 0.00	38.77 2.01 0.00
ASTORIA___3 23516	40.00 2.46 0.00	35.85 1.94 0.00	30.93 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.66 1.32 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.60 1.65 -0.01	31.87 1.77 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.74 -1.19	49.03 3.03 -0.24	48.37 2.97 -1.58	49.04 3.04 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.16 1.73 0.00	50.05 1.22 0.00	51.54 0.73 0.00	53.35 0.96 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA___4 23517	40.00 2.46 0.00	35.85 1.95 0.00	30.92 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.67 1.33 0.00	38.28 1.38 0.00	35.45 1.54 0.00	30.59 1.65 0.00	31.86 1.77 0.00	34.57 1.94 -0.06	40.17 2.48 -0.59	45.91 2.75 -1.19	49.04 3.04 -0.24	48.39 2.99 -1.58	49.03 3.03 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.17 1.74 0.00	50.06 1.23 0.00	51.54 0.73 0.00	53.34 0.94 0.00	47.61 2.03 0.00	38.75 1.99 0.00
ASTORIA___5 23518	40.00 2.46 0.00	35.85 1.94 0.00	30.93 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.66 1.32 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.60 1.65 -0.01	31.87 1.77 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.74 -1.19	49.03 3.03 -0.24	48.37 2.97 -1.58	49.04 3.04 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.16 1.73 0.00	50.05 1.22 0.00	51.54 0.73 0.00	53.35 0.96 0.00	47.61 2.03 0.00	38.75 1.99 0.00
AST_ENERGY_2_CC3 323677	39.90 2.37 0.00	35.77 1.87 0.00	30.81 1.66 0.00	31.25 1.49 0.00	31.67 1.47 0.00	35.58 1.24 0.00	38.17 1.27 0.00	35.33 1.41 0.00	30.48 1.54 0.00	31.79 1.69 0.00	34.49 1.86 -0.06	40.02 2.32 -0.59	45.79 2.63 -1.19	48.94 2.94 -0.24	48.24 2.84 -1.58	48.89 2.90 -0.96	47.21 2.74 0.00	51.98 2.44 0.00	50.32 1.89 0.00	50.19 1.36 0.00	51.82 1.01 0.00	53.59 1.20 0.00	47.61 2.02 0.00	38.76 1.99 0.00
AST_ENERGY_2_CC4 323678	39.90 2.37 0.00	35.77 1.87 0.00	30.81 1.66 0.00	31.25 1.49 0.00	31.67 1.47 0.00	35.58 1.24 0.00	38.17 1.27 0.00	35.33 1.41 0.00	30.48 1.54 0.00	31.79 1.69 0.00	34.49 1.86 -0.06	40.02 2.32 -0.59	45.79 2.63 -1.19	48.94 2.94 -0.24	48.24 2.84 -1.58	48.89 2.90 -0.96	47.21 2.74 0.00	51.98 2.44 0.00	50.32 1.89 0.00	50.19 1.36 0.00	51.82 1.01 0.00	53.59 1.20 0.00	47.61 2.02 0.00	38.76 1.99 0.00

ATHENS_STG_1 23668	38.51 0.97 0.00	34.74 0.84 0.00	30.01 0.86 0.00	30.57 0.81 0.00	30.98 0.78 0.00	34.93 0.59 0.00	37.34 0.44 0.00	34.33 0.42 0.00	29.34 0.39 0.00	30.46 0.37 0.00	32.93 0.34 -0.02	37.81 0.47 -0.24	42.97 0.51 -0.49	46.46 0.60 -0.10	45.05 0.57 -0.64	46.05 0.62 -0.39	44.97 0.50 0.00	49.90 0.36 0.00	48.62 0.19 0.00	48.90 0.07 0.00	50.78 -0.03 0.00	52.39 -0.01 0.00	46.05 0.46 0.00	37.38 0.61 0.00
ATHENS_STG_2 23670	38.51 0.97 0.00	34.74 0.84 0.00	30.01 0.86 0.00	30.57 0.81 0.00	30.98 0.78 0.00	34.93 0.59 0.00	37.34 0.44 0.00	34.33 0.42 0.00	29.34 0.39 0.00	30.46 0.37 0.00	32.93 0.34 -0.02	37.81 0.47 -0.24	42.97 0.51 -0.49	46.46 0.60 -0.10	45.05 0.57 -0.64	46.05 0.62 -0.39	44.97 0.50 0.00	49.90 0.36 0.00	48.62 0.19 0.00	48.90 0.07 0.00	50.78 -0.03 0.00	52.39 -0.01 0.00	46.05 0.46 0.00	37.38 0.61 0.00
ATHENS_STG_3 23677	38.51 0.97 0.00	34.74 0.84 0.00	30.01 0.86 0.00	30.57 0.81 0.00	30.98 0.78 0.00	34.93 0.59 0.00	37.34 0.44 0.00	34.33 0.42 0.00	29.34 0.39 0.00	30.46 0.37 0.00	32.93 0.34 -0.02	37.81 0.47 -0.24	42.97 0.51 -0.49	46.46 0.60 -0.10	45.05 0.57 -0.64	46.05 0.62 -0.39	44.97 0.50 0.00	49.90 0.36 0.00	48.62 0.19 0.00	48.90 0.07 0.00	50.78 -0.03 0.00	52.39 -0.01 0.00	46.05 0.46 0.00	37.38 0.61 0.00
AUBURN___LFGE 323710	37.60 0.06 0.00	34.02 0.11 0.00	29.16 0.01 0.00	29.76 0.00 0.00	30.26 0.06 0.00	34.39 0.04 0.00	36.82 -0.08 0.00	33.55 -0.36 0.00	28.67 -0.27 0.00	29.66 -0.44 0.00	32.11 -0.47 0.00	36.82 -0.29 0.00	41.76 -0.22 0.00	45.43 -0.33 0.00	43.78 -0.04 0.00	44.89 -0.15 0.00	44.64 0.16 0.00	49.84 0.30 0.00	48.87 0.44 0.00	49.22 0.38 0.00	51.25 0.44 0.00	52.80 0.41 0.00	46.18 0.60 0.00	37.34 0.57 0.00
BABYLON_RES_REC 323704	40.53 2.99 0.00	36.07 2.16 0.00	31.07 1.92 0.00	31.49 1.73 0.00	31.82 1.62 0.00	35.75 1.41 0.00	38.34 1.44 0.00	35.33 1.41 0.00	30.52 1.58 0.00	31.88 1.79 0.00	34.83 2.20 -0.06	40.55 2.85 -0.58	46.37 3.20 -1.19	50.21 3.64 -0.81	49.00 3.43 -1.74	49.06 3.06 -0.96	47.14 2.67 0.00	51.90 2.36 0.00	50.56 1.95 -0.18	50.25 1.42 0.00	51.67 0.86 0.00	53.35 0.96 0.00	47.35 1.77 0.00	38.72 1.95 0.00
BALL_HILL_WT_PWR 323825	36.56 -0.98 0.00	33.33 -0.57 0.00	28.19 -0.96 0.00	28.86 -0.90 0.00	29.54 -0.67 0.00	33.69 -0.65 0.00	35.43 -1.47 0.00	32.48 -1.44 0.00	28.08 -0.87 0.00	29.57 -0.52 0.00	32.39 -0.19 0.00	36.83 -0.28 0.00	41.90 -0.08 0.00	45.62 -0.13 0.00	43.65 -0.18 0.00	44.67 -0.36 0.00	44.14 -0.33 0.00	49.48 -0.07 0.00	48.36 -0.07 0.00	48.39 -0.45 0.00	50.29 -0.52 0.00	51.98 -0.42 0.00	46.30 0.71 0.00	37.15 0.38 0.00
BARON_WINDS___WT_PWR 323822	37.09 -0.45 0.00	33.68 -0.23 0.00	28.68 -0.47 0.00	29.24 -0.52 0.00	29.87 -0.33 0.00	33.88 -0.47 0.00	35.95 -0.95 0.00	32.71 -1.21 0.00	27.94 -1.01 0.00	29.10 -1.00 0.00	31.68 -0.90 0.00	36.06 -1.04 0.00	41.07 -0.90 0.00	44.73 -1.03 0.00	42.85 -0.98 0.00	43.97 -1.06 0.00	43.79 -0.69 0.00	48.94 -0.61 0.00	47.92 -0.51 0.00	48.40 -0.43 0.00	50.54 -0.27 0.00	52.17 -0.23 0.00	46.14 0.55 0.00	37.15 0.38 0.00
BARRETT_IC_1 23704	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_10 23701	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_11 23702	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_12 23703	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_2 23705	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_3 23706	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_4 23707	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_5 23708	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00

BARRETT_IC_6 23709	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_7 23710	40.21 2.67 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.32 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.64 2.01 -0.06	40.25 2.56 -0.59	46.02 2.86 -1.19	49.81 3.23 -0.81	48.58 3.02 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.92 1.09 0.00	51.41 0.60 0.00	53.19 0.79 0.00	47.21 1.63 0.00	38.54 1.78 0.00
BARRETT_IC_8 23711	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT_IC_9 23700	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT___1 23545	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BARRETT___2 23546	40.21 2.66 0.00	35.87 1.97 0.00	30.88 1.73 0.00	31.32 1.56 0.00	31.67 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.23 1.31 0.00	30.41 1.46 0.00	31.77 1.67 0.00	34.65 2.01 -0.07	40.26 2.56 -0.59	46.02 2.85 -1.19	49.80 3.22 -0.82	48.57 3.00 -1.74	48.71 2.71 -0.96	46.78 2.30 0.00	51.57 2.02 0.00	50.06 1.63 0.00	49.93 1.09 0.00	51.41 0.60 0.00	53.20 0.80 0.00	47.21 1.62 0.00	38.54 1.78 0.00
BATAVIA__115KV_TB1 55881	37.35 -0.19 0.00	33.97 0.06 0.00	28.78 -0.37 0.00	29.53 -0.23 0.00	30.14 -0.06 0.00	34.48 0.14 0.00	36.28 -0.62 0.00	33.20 -0.72 0.00	28.42 -0.52 0.00	29.73 -0.37 0.00	32.43 -0.14 0.00	36.97 -0.13 0.00	41.90 -0.08 0.00	45.66 -0.10 0.00	43.81 -0.01 0.00	45.22 0.19 0.00	44.69 0.22 0.00	50.04 0.49 0.00	49.05 0.62 0.00	49.58 0.75 0.00	51.75 0.94 0.00	53.46 1.07 0.00	47.35 1.77 0.00	37.86 1.09 0.00
BAYONEEC___CTG1 323682	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG10 323750	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG2 323683	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG3 323684	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG4 323685	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG5 323686	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG6 323687	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG7 323688	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00

BAYONEEC___CTG8 323689	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BAYONEEC___CTG9 323749	39.97 2.43 0.00	35.82 1.92 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.69 1.49 0.00	35.64 1.30 0.00	38.24 1.34 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.82 1.72 0.00	34.52 1.88 -0.06	40.08 2.39 -0.59	45.85 2.69 -1.19	49.01 3.01 -0.24	48.31 2.91 -1.58	48.98 2.98 -0.96	47.31 2.84 0.00	52.07 2.52 0.00	50.37 1.94 0.00	50.26 1.43 0.00	51.86 1.05 0.00	53.65 1.26 0.00	47.70 2.11 0.00	38.82 2.05 0.00
BEACON___LESR 323632	38.68 1.14 0.00	35.02 1.11 0.00	30.18 1.03 0.00	30.77 1.00 0.00	31.19 0.99 0.00	35.25 0.91 0.00	37.68 0.78 0.00	34.58 0.67 0.00	29.37 0.43 0.00	30.15 0.05 0.00	32.34 -0.18 0.05	36.43 -0.22 0.46	40.64 -0.40 0.93	45.13 -0.43 0.19	42.16 -0.44 1.23	43.87 -0.41 0.75	44.43 -0.04 0.00	49.56 0.01 0.00	48.45 0.02 0.00	48.92 0.09 0.00	50.85 0.04 0.00	52.35 -0.04 0.00	45.78 0.20 0.00	37.27 0.51 0.00
BEAVER RIVER___HYD 24048	38.82 1.28 0.00	35.13 1.23 0.00	30.15 1.00 0.00	30.80 1.04 0.00	31.36 1.16 0.00	35.79 1.44 0.00	38.49 1.59 0.00	35.12 1.21 0.00	29.58 0.63 0.00	30.62 0.52 0.00	33.09 0.51 0.00	37.54 0.43 0.00	42.39 0.41 0.00	46.08 0.32 0.00	44.03 0.20 0.00	45.23 0.20 0.00	44.57 0.10 0.00	50.13 0.58 0.00	49.41 0.97 0.00	50.63 1.79 0.00	53.53 2.72 0.00	55.64 3.25 0.00	48.11 2.52 0.00	38.43 1.67 0.00
BEEBEE_GT_13 23619	37.16 -0.39 0.00	33.70 -0.21 0.00	28.72 -0.43 0.00	29.38 -0.38 0.00	29.94 -0.26 0.00	34.13 -0.21 0.00	36.26 -0.64 0.00	33.28 -0.63 0.00	28.54 -0.40 0.00	29.86 -0.24 0.00	32.52 -0.05 0.00	37.09 -0.01 0.00	42.04 0.07 0.00	45.83 0.07 0.00	43.87 0.04 0.00	44.98 -0.05 0.00	44.61 0.14 0.00	49.95 0.40 0.00	48.93 0.50 0.00	49.28 0.45 0.00	51.21 0.40 0.00	52.81 0.41 0.00	46.43 0.85 0.00	37.22 0.46 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.47 2.93 0.00	36.27 2.36 0.00	31.21 2.06 0.00	31.58 1.82 0.00	32.00 1.80 0.00	36.03 1.69 0.00	38.65 1.75 0.00	35.77 1.86 0.00	30.81 1.87 0.00	32.10 2.00 0.00	34.87 2.23 -0.06	40.56 2.86 -0.59	46.38 3.22 -1.19	49.54 3.53 -0.24	48.89 3.48 -1.58	49.58 3.58 -0.96	47.99 3.52 0.00	52.61 3.06 0.00	50.90 2.47 0.00	50.80 1.97 0.00	52.24 1.43 0.00	54.05 1.65 0.00	48.28 2.69 0.00	39.22 2.45 0.00
BETHLEHEM___GRP 23843	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.63 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.28 0.04	36.33 -0.34 0.43	40.54 -0.56 0.87	44.99 -0.59 0.18	42.09 -0.58 1.15	43.77 -0.55 0.71	43.81 -0.66 0.00	48.75 -0.80 0.00	47.62 -0.82 0.00	48.07 -0.76 0.00	50.03 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
BETHLEHEM___GS1 323560	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.62 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.29 0.04	36.33 -0.34 0.43	40.54 -0.57 0.87	44.98 -0.60 0.18	42.08 -0.59 1.15	43.77 -0.55 0.71	43.81 -0.67 0.00	48.75 -0.80 0.00	47.62 -0.81 0.00	48.07 -0.76 0.00	50.02 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
BETHLEHEM___GS2 323561	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.62 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.29 0.04	36.33 -0.34 0.43	40.54 -0.57 0.87	44.98 -0.60 0.18	42.08 -0.59 1.15	43.77 -0.55 0.71	43.81 -0.67 0.00	48.75 -0.80 0.00	47.62 -0.81 0.00	48.07 -0.76 0.00	50.02 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
BETHLEHEM___GS3 323562	38.08 0.54 0.00	34.57 0.67 0.00	29.82 0.67 0.00	30.41 0.65 0.00	30.83 0.62 0.00	34.83 0.48 0.00	37.23 0.33 0.00	34.15 0.24 0.00	28.96 0.02 0.00	29.99 -0.11 0.00	32.24 -0.29 0.04	36.33 -0.34 0.43	40.54 -0.57 0.87	44.98 -0.60 0.18	42.08 -0.59 1.15	43.77 -0.55 0.71	43.81 -0.67 0.00	48.75 -0.80 0.00	47.62 -0.81 0.00	48.07 -0.76 0.00	50.02 -0.79 0.00	51.53 -0.86 0.00	45.07 -0.51 0.00	36.75 -0.02 0.00
BETHLEHEM___STEEL 23779	36.47 -1.07 0.00	33.28 -0.62 0.00	28.15 -1.00 0.00	28.87 -0.89 0.00	29.50 -0.70 0.00	33.71 -0.63 0.00	35.37 -1.53 0.00	32.49 -1.42 0.00	28.11 -0.84 0.00	29.60 -0.50 0.00	32.43 -0.15 0.00	36.82 -0.28 0.00	41.85 -0.13 0.00	45.57 -0.19 0.00	43.58 -0.25 0.00	44.64 -0.39 0.00	44.14 -0.34 0.00	49.52 -0.03 0.00	48.38 -0.05 0.00	48.45 -0.38 0.00	50.40 -0.41 0.00	52.09 -0.30 0.00	46.42 0.83 0.00	37.16 0.39 0.00
BETHLHEM_115KV_TB1 79974	38.14 0.60 0.00	34.60 0.69 0.00	29.84 0.69 0.00	30.43 0.67 0.00	30.85 0.65 0.00	34.85 0.51 0.00	37.27 0.36 0.00	34.19 0.28 0.00	29.02 0.07 0.00	30.06 -0.04 0.00	32.33 -0.20 0.04	36.47 -0.23 0.40	40.72 -0.43 0.82	45.14 -0.45 0.17	42.30 -0.44 1.09	43.95 -0.41 0.67	43.96 -0.52 0.00	48.90 -0.65 0.00	47.76 -0.67 0.00	48.21 -0.62 0.00	50.15 -0.66 0.00	51.67 -0.73 0.00	45.21 -0.37 0.00	36.82 0.05 0.00
BETHPAGE_CC_5 323564	40.26 2.72 0.00	35.92 2.01 0.00	30.92 1.77 0.00	31.35 1.59 0.00	31.68 1.48 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.22 1.31 0.00	30.41 1.47 0.00	31.79 1.69 0.00	34.72 2.09 -0.06	40.39 2.70 -0.58	46.12 2.96 -1.19	49.98 3.40 -0.81	48.76 3.19 -1.74	48.84 2.84 -0.96	46.90 2.43 0.00	51.58 2.03 0.00	50.16 1.63 -0.10	49.92 1.08 0.00	51.34 0.52 0.00	53.08 0.69 0.00	47.16 1.57 0.00	38.61 1.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.55 -0.99 0.00	33.34 -0.57 0.00	28.21 -0.95 0.00	28.91 -0.85 0.00	29.55 -0.65 0.00	33.76 -0.59 0.00	35.44 -1.46 0.00	32.56 -1.35 0.00	28.18 -0.77 0.00	29.66 -0.44 0.00	32.50 -0.07 0.00	36.90 -0.20 0.00	41.95 -0.03 0.00	45.69 -0.07 0.00	43.70 -0.12 0.00	44.77 -0.26 0.00	44.27 -0.20 0.00	49.67 0.12 0.00	48.54 0.11 0.00	48.60 -0.23 0.00	50.53 -0.28 0.00	52.22 -0.18 0.00	46.51 0.93 0.00	37.23 0.47 0.00
BINGHAMTON___COGEN 23790	37.60 0.06 0.00	34.04 0.13 0.00	29.22 0.07 0.00	29.77 0.01 0.00	30.32 0.12 0.00	34.35 0.00 0.00	36.73 -0.17 0.00	33.64 -0.27 0.00	28.76 -0.18 0.00	29.89 -0.20 0.00	32.42 -0.15 0.00	36.98 -0.12 0.00	41.97 -0.01 0.00	45.71 -0.05 0.00	43.85 0.02 0.00	45.06 0.03 0.00	44.57 0.10 0.00	49.67 0.12 0.00	48.57 0.14 0.00	48.98 0.15 0.00	50.90 0.08 0.00	52.53 0.14 0.00	46.07 0.49 0.00	37.14 0.37 0.00

BIXINCNT_115KV_LOAD 355685	36.93 -0.61 0.00	33.67 -0.24 0.00	28.48 -0.67 0.00	29.12 -0.64 0.00	29.77 -0.43 0.00	33.93 -0.41 0.00	35.75 -1.15 0.00	32.92 -0.99 0.00	28.50 -0.44 0.00	29.98 -0.11 0.00	32.79 0.22 0.00	37.26 0.15 0.00	42.37 0.39 0.00	46.16 0.40 0.00	44.09 0.27 0.00	45.16 0.12 0.00	44.53 0.05 0.00	49.92 0.38 0.00	48.74 0.31 0.00	48.81 -0.02 0.00	50.60 -0.21 0.00	52.23 -0.17 0.00	46.68 1.09 0.00	37.44 0.68 0.00
BLACK RIVER___HYD 24047	39.09 1.55 0.00	35.39 1.48 0.00	30.37 1.22 0.00	31.03 1.27 0.00	31.63 1.42 0.00	36.10 1.76 0.00	38.77 1.87 0.00	35.29 1.37 0.00	29.64 0.70 0.00	30.65 0.55 0.00	33.09 0.51 0.00	37.53 0.43 0.00	42.32 0.35 0.00	45.88 0.12 0.00	43.86 0.03 0.00	45.13 0.09 0.00	44.43 -0.05 0.00	50.12 0.58 0.00	49.42 0.99 0.00	50.90 2.07 0.00	54.18 3.36 0.00	56.40 4.01 0.00	48.82 3.23 0.00	38.95 2.19 0.00
BLACKRVR_115KV_TB2 79977	39.09 1.55 0.00	35.39 1.49 0.00	30.37 1.22 0.00	31.03 1.27 0.00	31.62 1.42 0.00	36.10 1.76 0.00	38.77 1.87 0.00	35.29 1.37 0.00	29.64 0.70 0.00	30.65 0.55 0.00	33.09 0.51 0.00	37.53 0.43 0.00	42.32 0.35 0.00	45.88 0.12 0.00	43.86 0.03 0.00	45.12 0.09 0.00	44.43 -0.05 0.00	50.12 0.58 0.00	49.42 0.99 0.00	50.90 2.07 0.00	54.18 3.36 0.00	56.40 4.01 0.00	48.81 3.23 0.00	38.95 2.19 0.00
BLDWN_LI_69_KV_BK4 356085	40.50 2.96 0.00	36.12 2.21 0.00	31.07 1.92 0.00	31.50 1.74 0.00	31.86 1.66 0.00	35.80 1.46 0.00	38.42 1.52 0.00	35.44 1.52 0.00	30.59 1.65 0.00	31.96 1.87 0.00	34.88 2.25 -0.06	40.55 2.85 -0.59	46.34 3.18 -1.19	50.19 3.62 -0.81	48.98 3.42 -1.74	49.16 3.17 -0.96	47.23 2.76 0.00	52.10 2.56 0.00	50.59 2.16 0.00	50.46 1.63 0.00	51.94 1.13 0.00	53.69 1.30 0.00	47.63 2.05 0.00	38.86 2.10 0.00
BLISS_WT_PWR 323608	36.92 -0.63 0.00	33.66 -0.24 0.00	28.48 -0.67 0.00	29.11 -0.65 0.00	29.74 -0.46 0.00	33.92 -0.42 0.00	35.73 -1.18 0.00	32.92 -1.00 0.00	28.50 -0.44 0.00	29.99 -0.11 0.00	32.81 0.23 0.00	37.27 0.17 0.00	42.40 0.42 0.00	46.20 0.44 0.00	44.12 0.29 0.00	45.17 0.14 0.00	44.53 0.06 0.00	49.94 0.40 0.00	48.74 0.31 0.00	48.81 -0.02 0.00	50.55 -0.26 0.00	52.10 -0.29 0.00	46.61 1.03 0.00	37.41 0.65 0.00
BLUESTONE___WT_PWR 323821	38.23 0.69 0.00	34.73 0.83 0.00	29.89 0.74 0.00	30.45 0.69 0.00	31.09 0.89 0.00	35.19 0.85 0.00	37.85 0.95 0.00	35.00 1.08 0.00	29.94 1.00 0.00	31.07 0.97 0.00	33.68 1.10 0.00	38.46 1.35 0.00	43.69 1.71 0.00	47.64 1.88 0.00	45.64 1.81 0.00	46.84 1.81 0.00	46.42 1.95 0.00	51.90 2.36 0.00	51.00 2.57 0.00	51.70 2.87 0.00	53.65 2.84 0.00	55.25 2.85 0.00	48.27 2.69 0.00	38.74 1.98 0.00
BLUE_CIRC_CHEM_DRP 24182	38.48 0.94 0.00	34.86 0.95 0.00	30.09 0.94 0.00	30.69 0.93 0.00	31.13 0.93 0.00	35.20 0.85 0.00	37.61 0.70 0.00	34.44 0.52 0.00	29.21 0.27 0.00	30.21 0.11 0.00	32.49 -0.06 0.03	36.66 -0.17 0.28	40.89 -0.52 0.57	44.66 -0.98 0.12	42.00 -1.07 0.76	43.53 -1.04 0.46	43.35 -1.12 0.01	39.51 -1.31 8.73	47.17 -1.25 0.00	47.73 -1.11 0.00	49.71 -1.10 0.00	51.23 -1.17 0.00	38.61 -0.81 6.17	36.39 -0.38 0.00
BOC_GAS_DRP 24189	38.25 0.71 0.00	34.60 0.69 0.00	29.86 0.70 0.00	30.44 0.68 0.00	30.87 0.67 0.00	34.88 0.54 0.00	37.29 0.38 0.00	34.24 0.32 0.00	29.16 0.21 0.00	30.24 0.14 0.00	32.58 0.03 0.03	36.88 0.04 0.27	41.40 -0.03 0.55	45.60 -0.05 0.11	43.05 -0.06 0.72	44.55 -0.04 0.45	44.34 -0.13 0.00	49.83 -0.27 -0.56	48.08 -0.35 0.00	48.47 -0.36 0.00	50.41 -0.40 0.00	51.98 -0.41 0.00	45.92 -0.06 -0.39	36.97 0.21 0.00
BOONVILLE_115KV_TB1 79983	38.72 1.18 0.00	34.99 1.08 0.00	30.05 0.90 0.00	30.69 0.93 0.00	31.18 0.98 0.00	35.51 1.17 0.00	38.15 1.25 0.00	34.89 0.97 0.00	29.55 0.60 0.00	30.62 0.52 0.00	33.12 0.55 0.00	37.71 0.61 0.00	42.63 0.65 0.00	46.42 0.66 0.00	44.40 0.58 0.00	45.65 0.62 0.00	45.09 0.61 0.00	50.55 1.00 0.00	49.71 1.28 0.00	50.59 1.76 0.00	52.97 2.16 0.00	54.72 2.33 0.00	47.52 1.94 0.00	38.15 1.38 0.00
BORALEX_4TH_BRANCH 23824	39.60 2.06 0.00	35.56 1.65 0.00	30.62 1.47 0.00	31.26 1.50 0.00	31.70 1.50 0.00	35.83 1.49 0.00	38.31 1.41 0.00	35.12 1.21 0.00	29.88 0.94 0.00	30.77 0.67 0.00	32.93 0.47 0.12	36.51 0.57 1.17	40.31 0.69 2.36	46.08 0.80 0.49	41.29 0.60 3.13	43.73 0.62 1.92	44.77 0.30 0.00	49.91 0.36 0.00	48.96 0.53 0.00	49.68 0.85 0.00	52.02 1.21 0.00	53.58 1.19 0.00	46.83 1.25 0.00	38.14 1.37 0.00
BOWLINE___1 23526	39.42 1.89 0.00	35.40 1.49 0.00	30.45 1.30 0.00	30.92 1.16 0.00	31.34 1.14 0.00	35.29 0.95 0.00	37.82 0.91 0.00	34.92 1.01 0.00	30.03 1.09 0.00	31.31 1.22 0.00	33.97 1.35 -0.06	39.41 1.75 -0.55	45.05 1.96 -1.12	48.19 2.20 -0.23	47.43 2.12 -1.48	48.15 2.21 -0.91	46.52 2.05 0.00	51.38 1.83 0.00	49.86 1.43 0.00	49.83 1.00 0.00	51.51 0.70 0.00	53.21 0.82 0.00	47.15 1.56 0.00	38.35 1.58 0.00
BOWLINE___2 23595	39.38 1.84 0.00	35.38 1.47 0.00	30.45 1.29 0.00	30.91 1.16 0.00	31.34 1.14 0.00	35.27 0.93 0.00	37.78 0.88 0.00	34.90 0.98 0.00	30.01 1.07 0.00	31.31 1.21 0.00	33.96 1.33 -0.06	39.38 1.73 -0.55	45.00 1.91 -1.12	48.11 2.12 -0.23	47.36 2.05 -1.48	48.08 2.13 -0.91	46.45 1.97 0.00	51.30 1.76 0.00	49.77 1.34 0.00	49.75 0.91 0.00	51.42 0.61 0.00	53.13 0.73 0.00	47.08 1.50 0.00	38.30 1.54 0.00
BRADY___115KV_TB2 356060	38.34 0.80 0.00	34.62 0.71 0.00	29.69 0.53 0.00	30.36 0.60 0.00	30.86 0.66 0.00	35.34 0.99 0.00	38.12 1.22 0.00	34.99 1.08 0.00	29.75 0.80 0.00	30.95 0.85 0.00	33.49 0.92 0.00	37.89 0.78 0.00	42.88 0.91 0.00	46.76 1.00 0.00	44.65 0.82 0.00	45.71 0.67 0.00	45.15 0.67 0.00	50.46 0.91 0.00	49.47 1.04 0.00	50.20 1.37 0.00	52.93 2.12 0.00	54.87 2.47 0.00	46.91 1.32 0.00	37.37 0.60 0.00
BRANSCOMB___SOLAR 323811	39.41 1.87 0.00	35.47 1.56 0.00	30.53 1.39 0.00	31.15 1.39 0.00	31.61 1.41 0.00	35.80 1.46 0.00	38.29 1.39 0.00	35.09 1.17 0.00	29.76 0.82 0.00	30.64 0.55 0.00	32.84 0.33 0.06	36.99 0.47 0.58	41.35 0.56 1.18	46.11 0.60 0.24	42.70 0.44 1.57	44.62 0.55 0.96	44.99 0.52 0.00	50.37 0.82 0.00	49.69 1.26 0.00	50.47 1.64 0.00	52.69 1.88 0.00	54.23 1.83 0.00	47.28 1.70 0.00	38.33 1.57 0.00
BRDGHMPT_69_KV_BK1 55812	41.69 4.15 0.00	36.81 2.91 0.00	31.87 2.72 0.00	32.35 2.58 0.00	32.53 2.33 0.00	36.40 2.06 0.00	39.06 2.15 0.00	35.89 1.98 0.00	31.12 2.17 0.00	32.61 2.51 0.00	35.71 3.08 -0.06	41.61 3.92 -0.59	47.53 4.37 -1.19	51.67 5.10 -0.81	50.55 4.99 -1.74	50.66 4.66 -0.96	48.61 4.13 0.00	53.79 4.24 0.00	52.67 3.85 -0.38	51.98 3.14 0.00	53.12 2.31 0.00	54.79 2.39 0.00	48.47 2.89 0.00	39.46 2.70 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	40.78 3.24 0.00	36.25 2.35 0.00	31.24 2.09 0.00	31.68 1.92 0.00	31.98 1.78 0.00	35.91 1.57 0.00	38.51 1.61 0.00	35.44 1.52 0.00	30.62 1.67 0.00	32.03 1.93 0.00	35.04 2.40 -0.06	40.77 3.08 -0.59	46.66 3.49 -1.19	50.63 4.06 -0.81	49.40 3.83 -1.74	49.39 3.39 -0.96	47.32 2.84 0.00	52.14 2.60 0.00	51.96 2.22 -1.31	50.52 1.65 -0.04	51.81 1.00 0.00	53.43 1.04 0.00	47.43 1.85 0.00	38.78 2.02 0.00
BRISTLHL_115KV_TB1 79998	36.88 -0.66 0.00	33.33 -0.58 0.00	28.61 -0.54 0.00	29.19 -0.57 0.00	29.66 -0.55 0.00	33.70 -0.64 0.00	36.07 -0.83 0.00	33.10 -0.81 0.00	28.21 -0.73 0.00	29.32 -0.78 0.00	31.76 -0.81 0.00	36.21 -0.90 0.00	41.00 -0.98 0.00	44.66 -1.10 0.00	42.82 -1.01 0.00	44.03 -1.00 0.00	43.53 -0.95 0.00	48.63 -0.92 0.00	47.62 -0.81 0.00	48.11 -0.72 0.00	50.06 -0.75 0.00	51.58 -0.82 0.00	44.97 -0.61 0.00	36.28 -0.48 0.00
BROOKHAVEN___DRP 24191	40.56 3.02 0.00	35.90 1.99 0.00	31.08 1.93 0.00	31.56 1.80 0.00	31.84 1.64 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.06 1.15 0.00	30.34 1.39 0.00	31.71 1.61 0.00	34.64 2.01 -0.06	40.34 2.65 -0.59	46.10 2.94 -1.19	50.04 3.47 -0.81	48.93 3.37 -1.74	48.96 2.96 -0.96	46.94 2.47 0.00	51.81 2.26 0.00	50.74 1.93 -0.38	50.17 1.34 0.00	51.47 0.66 0.00	53.07 0.67 0.00	47.09 1.51 0.00	38.44 1.68 0.00
BROOKLYN_NAVY_YARD 23515	39.94 2.40 0.00	35.80 1.89 0.00	30.80 1.65 0.00	31.24 1.48 0.00	31.69 1.49 0.00	35.63 1.29 0.00	38.22 1.32 0.00	35.37 1.45 0.00	30.50 1.56 0.00	31.78 1.69 0.00	34.45 1.82 -0.06	40.02 2.32 -0.59	45.78 2.62 -1.19	48.96 2.95 -0.24	48.27 2.87 -1.58	48.93 2.93 -0.96	47.26 2.79 0.00	52.04 2.49 0.00	50.33 1.90 0.00	50.22 1.39 0.00	51.86 1.05 0.00	53.64 1.24 0.00	47.68 2.10 0.00	38.79 2.02 0.00
BROOKLYN___ARMY_DRP 323595	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
BROOME_2_LFGE 323671	37.60 0.06 0.00	34.04 0.13 0.00	29.22 0.07 0.00	29.77 0.01 0.00	30.33 0.12 0.00	34.35 0.01 0.00	36.73 -0.17 0.00	33.65 -0.27 0.00	28.76 -0.18 0.00	29.89 -0.20 0.00	32.43 -0.15 0.00	36.98 -0.12 0.00	41.97 -0.01 0.00	45.70 -0.05 0.00	43.85 0.02 0.00	45.06 0.02 0.00	44.57 0.10 0.00	49.67 0.13 0.00	48.57 0.14 0.00	48.98 0.15 0.00	50.90 0.09 0.00	52.53 0.14 0.00	46.07 0.49 0.00	37.14 0.37 0.00
BROOME___LFGE 323600	37.60 0.06 0.00	34.04 0.13 0.00	29.22 0.07 0.00	29.77 0.01 0.00	30.33 0.12 0.00	34.35 0.01 0.00	36.73 -0.17 0.00	33.65 -0.27 0.00	28.76 -0.18 0.00	29.89 -0.20 0.00	32.43 -0.15 0.00	36.98 -0.12 0.00	41.97 -0.01 0.00	45.70 -0.05 0.00	43.85 0.02 0.00	45.06 0.02 0.00	44.57 0.10 0.00	49.67 0.13 0.00	48.57 0.14 0.00	48.98 0.15 0.00	50.90 0.09 0.00	52.53 0.14 0.00	46.07 0.49 0.00	37.14 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	38.45 0.91 0.00	34.76 0.85 0.00	29.82 0.67 0.00	30.48 0.72 0.00	31.00 0.80 0.00	35.44 1.10 0.00	38.17 1.27 0.00	34.95 1.04 0.00	29.57 0.63 0.00	30.69 0.59 0.00	33.19 0.61 0.00	37.60 0.49 0.00	42.49 0.52 0.00	46.25 0.49 0.00	44.16 0.33 0.00	45.24 0.21 0.00	44.55 0.08 0.00	50.00 0.45 0.00	49.17 0.74 0.00	50.14 1.31 0.00	52.90 2.09 0.00	55.02 2.62 0.00	47.38 1.79 0.00	37.81 1.05 0.00
BROWNSV1_27_KV_LOAD 356125	40.46 2.92 0.00	36.26 2.35 0.00	31.18 2.03 0.00	31.62 1.86 0.00	32.03 1.83 0.00	36.03 1.69 0.00	38.67 1.77 0.00	35.78 1.87 0.00	30.86 1.92 0.00	32.19 2.10 0.00	34.94 2.31 -0.06	40.56 2.87 -0.59	46.42 3.26 -1.19	49.62 3.62 -0.24	48.88 3.48 -1.58	49.56 3.57 -0.96	47.91 3.43 0.00	52.76 3.21 0.00	51.05 2.62 0.00	50.94 2.11 0.00	52.58 1.77 0.00	54.39 1.99 0.00	48.32 2.73 0.00	39.29 2.53 0.00
BURROWS___LYONSDAL 23803	38.74 1.20 0.00	35.02 1.12 0.00	30.08 0.93 0.00	30.72 0.96 0.00	31.22 1.02 0.00	35.57 1.23 0.00	38.22 1.32 0.00	34.94 1.03 0.00	29.54 0.60 0.00	30.60 0.50 0.00	33.10 0.53 0.00	37.66 0.55 0.00	42.56 0.58 0.00	46.32 0.56 0.00	44.31 0.48 0.00	45.55 0.52 0.00	44.96 0.49 0.00	50.44 0.89 0.00	49.64 1.21 0.00	50.60 1.77 0.00	53.11 2.29 0.00	54.93 2.53 0.00	47.67 2.08 0.00	38.21 1.45 0.00
CAITHNESS_CC_1 323624	40.48 2.94 0.00	35.87 1.97 0.00	31.04 1.89 0.00	31.50 1.74 0.00	31.78 1.58 0.00	35.58 1.23 0.00	38.16 1.26 0.00	35.05 1.14 0.00	30.31 1.37 0.00	31.69 1.59 0.00	34.63 2.00 -0.06	40.31 2.62 -0.58	46.07 2.91 -1.18	49.99 3.42 -0.81	48.88 3.32 -1.74	48.90 2.90 -0.96	46.87 2.40 0.00	51.69 2.15 0.00	50.63 1.82 -0.38	50.06 1.23 0.00	51.38 0.56 0.00	52.99 0.59 0.00	47.03 1.45 0.00	38.41 1.64 0.00
CALPINE BETH_PAGE_GT4 24209	40.18 2.64 0.00	35.91 2.00 0.00	30.90 1.75 0.00	31.34 1.58 0.00	31.68 1.48 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.22 1.31 0.00	30.41 1.47 0.00	31.79 1.69 0.00	34.71 2.08 -0.06	40.36 2.67 -0.59	46.04 2.87 -1.19	49.90 3.33 -0.81	48.69 3.13 -1.74	48.78 2.78 -0.96	46.86 2.39 0.00	51.57 2.02 0.00	50.10 1.60 -0.07	49.91 1.07 0.00	51.33 0.51 0.00	53.05 0.65 0.00	47.11 1.52 0.00	38.53 1.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.18 2.64 0.00	35.91 2.00 0.00	30.90 1.75 0.00	31.34 1.58 0.00	31.68 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.22 1.31 0.00	30.41 1.47 0.00	31.79 1.69 0.00	34.72 2.08 -0.06	40.36 2.67 -0.59	46.03 2.87 -1.19	49.88 3.31 -0.81	48.68 3.11 -1.74	48.77 2.78 -0.96	46.86 2.39 0.00	51.57 2.02 0.00	50.10 1.60 -0.07	49.91 1.07 0.00	51.32 0.51 0.00	53.06 0.66 0.00	47.11 1.52 0.00	38.53 1.76 0.00
CALPINE_BP_GT1 23823	40.18 2.64 0.00	35.91 2.00 0.00	30.90 1.75 0.00	31.34 1.58 0.00	31.68 1.47 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.22 1.31 0.00	30.41 1.47 0.00	31.79 1.69 0.00	34.72 2.08 -0.06	40.36 2.67 -0.59	46.03 2.87 -1.19	49.88 3.31 -0.81	48.68 3.11 -1.74	48.77 2.78 -0.96	46.86 2.39 0.00	51.57 2.02 0.00	50.10 1.60 -0.07	49.91 1.07 0.00	51.32 0.51 0.00	53.06 0.66 0.00	47.11 1.52 0.00	38.53 1.76 0.00
CALSPAN___DRP 24200	36.47 -1.07 0.00	33.28 -0.62 0.00	28.15 -1.00 0.00	28.87 -0.89 0.00	29.50 -0.70 0.00	33.71 -0.63 0.00	35.37 -1.53 0.00	32.49 -1.42 0.00	28.11 -0.84 0.00	29.60 -0.50 0.00	32.43 -0.15 0.00	36.82 -0.28 0.00	41.85 -0.13 0.00	45.57 -0.19 0.00	43.58 -0.25 0.00	44.64 -0.39 0.00	44.14 -0.34 0.00	49.52 -0.03 0.00	48.38 -0.05 0.00	48.45 -0.38 0.00	50.40 -0.41 0.00	52.09 -0.30 0.00	46.42 0.83 0.00	37.16 0.39 0.00

CALVERTON___SOLAR 323806	40.68 3.14 0.00	35.98 2.07 0.00	31.17 2.02 0.00	31.65 1.89 0.00	31.92 1.72 0.00	35.69 1.35 0.00	38.29 1.39 0.00	35.13 1.21 0.00	30.39 1.45 0.00	31.77 1.67 0.00	34.72 2.09 -0.06	40.43 2.74 -0.58	46.20 3.04 -1.18	50.16 3.59 -0.81	49.07 3.50 -1.74	49.11 3.11 -0.96	47.12 2.64 0.00	52.02 2.48 0.00	50.97 2.16 -0.38	50.38 1.54 0.00	51.66 0.85 0.00	53.26 0.86 0.00	47.23 1.64 0.00	38.53 1.77 0.00
CANDIGU_WT_PWR 323617	37.09 -0.45 0.00	33.68 -0.23 0.00	28.68 -0.47 0.00	29.24 -0.52 0.00	29.87 -0.33 0.00	33.88 -0.47 0.00	35.95 -0.95 0.00	32.71 -1.21 0.00	27.94 -1.01 0.00	29.10 -1.00 0.00	31.68 -0.90 0.00	36.06 -1.04 0.00	41.07 -0.90 0.00	44.73 -1.03 0.00	42.85 -0.98 0.00	43.97 -1.06 0.00	43.79 -0.69 0.00	48.94 -0.61 0.00	47.92 -0.51 0.00	48.40 -0.43 0.00	50.54 -0.27 0.00	52.17 -0.23 0.00	46.14 0.55 0.00	37.15 0.38 0.00
CARR STREET_E_SYR 24060	37.11 -0.43 0.00	33.53 -0.37 0.00	28.79 -0.36 0.00	29.36 -0.40 0.00	29.85 -0.35 0.00	33.89 -0.45 0.00	36.30 -0.60 0.00	33.28 -0.63 0.00	28.39 -0.55 0.00	29.52 -0.57 0.00	32.02 -0.56 0.00	36.51 -0.60 0.00	41.32 -0.66 0.00	45.04 -0.72 0.00	43.24 -0.58 0.00	44.46 -0.57 0.00	43.96 -0.51 0.00	49.00 -0.54 0.00	48.01 -0.42 0.00	48.45 -0.38 0.00	50.36 -0.45 0.00	51.89 -0.50 0.00	45.36 -0.22 0.00	36.55 -0.21 0.00
CARTHAGE___PAPER 23857	39.14 1.60 0.00	35.44 1.53 0.00	30.41 1.26 0.00	31.06 1.30 0.00	31.65 1.44 0.00	36.14 1.79 0.00	38.85 1.95 0.00	35.40 1.49 0.00	29.76 0.81 0.00	30.77 0.67 0.00	33.23 0.65 0.00	37.66 0.56 0.00	42.50 0.53 0.00	46.15 0.39 0.00	44.07 0.24 0.00	45.32 0.29 0.00	44.63 0.16 0.00	50.30 0.76 0.00	49.67 1.24 0.00	51.09 2.26 0.00	54.19 3.38 0.00	56.48 4.08 0.00	48.72 3.14 0.00	38.88 2.11 0.00
CASSADAGA_WT_PWR 323784	37.22 -0.32 0.00	33.87 -0.05 0.00	28.60 -0.55 0.00	29.25 -0.51 0.00	29.94 -0.26 0.00	34.12 -0.22 0.00	36.03 -0.87 0.00	33.17 -0.75 0.00	28.73 -0.22 0.00	30.33 0.23 0.00	33.23 0.66 0.00	37.86 0.75 0.00	43.09 1.11 0.00	46.94 1.19 0.00	44.95 1.12 0.00	45.98 0.95 0.00	45.09 0.61 0.00	50.42 0.87 0.00	49.44 1.01 0.00	49.32 0.48 0.00	51.22 0.41 0.00	52.81 0.42 0.00	46.89 1.31 0.00	37.76 0.99 0.00
CE_DUNWOOD___DRP 24194	39.72 2.18 0.00	35.64 1.73 0.00	30.67 1.52 0.00	31.14 1.38 0.00	31.55 1.35 0.00	35.50 1.16 0.00	38.06 1.15 0.00	35.16 1.25 0.00	30.26 1.31 0.00	31.53 1.43 0.00	34.21 1.57 -0.06	39.70 2.01 -0.58	45.42 2.27 -1.18	48.56 2.56 -0.24	47.87 2.47 -1.57	48.53 2.54 -0.96	46.84 2.37 0.00	51.70 2.15 0.00	50.15 1.72 0.00	50.12 1.28 0.00	51.77 0.96 0.00	53.51 1.11 0.00	47.41 1.83 0.00	38.56 1.80 0.00
CE_MILLWOOD___DRP 24193	39.61 2.07 0.00	35.55 1.64 0.00	30.59 1.44 0.00	31.06 1.30 0.00	31.48 1.28 0.00	35.43 1.09 0.00	37.98 1.08 0.00	35.07 1.16 0.00	30.17 1.23 0.00	31.43 1.33 0.00	34.09 1.46 -0.06	39.56 1.87 -0.58	45.26 2.11 -1.18	48.38 2.38 -0.24	47.69 2.30 -1.56	48.36 2.37 -0.96	46.68 2.21 0.00	51.54 2.00 0.00	50.01 1.58 0.00	50.00 1.17 0.00	51.67 0.86 0.00	53.40 1.00 0.00	47.30 1.72 0.00	38.47 1.70 0.00
CE_NYC2_DRP 24202	40.03 2.49 0.00	35.88 1.97 0.00	30.94 1.79 0.00	31.31 1.55 0.00	31.75 1.55 0.00	35.70 1.36 0.00	38.31 1.41 0.00	35.48 1.56 0.00	30.61 1.67 0.00	31.88 1.79 0.00	34.59 1.96 -0.06	40.20 2.51 -0.59	45.95 2.79 -1.19	49.09 3.08 -0.24	48.43 3.03 -1.58	49.07 3.08 -0.96	47.44 2.97 0.00	52.02 2.47 0.00	50.24 1.81 0.00	50.14 1.30 0.00	51.61 0.80 0.00	53.41 1.01 0.00	47.66 2.07 0.00	38.78 2.02 0.00
CE_NYC_DRP 24195	40.02 2.48 0.00	35.87 1.96 0.00	30.87 1.72 0.00	31.31 1.55 0.00	31.73 1.53 0.00	35.68 1.34 0.00	38.28 1.38 0.00	35.42 1.50 0.00	30.54 1.60 0.00	31.86 1.77 0.00	34.56 1.92 -0.06	40.13 2.44 -0.59	45.93 2.76 -1.19	49.09 3.08 -0.24	48.39 2.99 -1.58	49.05 3.05 -0.96	47.38 2.91 0.00	52.17 2.63 0.00	50.48 2.05 0.00	50.36 1.52 0.00	51.99 1.18 0.00	53.76 1.37 0.00	47.77 2.19 0.00	38.86 2.09 0.00
CHAFFEE___LFGE 323603	36.63 -0.91 0.00	33.41 -0.50 0.00	28.27 -0.88 0.00	28.99 -0.77 0.00	29.63 -0.57 0.00	33.86 -0.49 0.00	35.54 -1.36 0.00	32.66 -1.25 0.00	28.25 -0.69 0.00	29.73 -0.36 0.00	32.56 -0.02 0.00	36.98 -0.13 0.00	42.05 0.07 0.00	45.81 0.05 0.00	43.80 -0.02 0.00	44.86 -0.17 0.00	44.40 -0.08 0.00	49.78 0.23 0.00	48.65 0.21 0.00	48.73 -0.11 0.00	50.68 -0.13 0.00	52.37 -0.03 0.00	46.68 1.10 0.00	37.32 0.56 0.00
CHATEAUG_35_KV_LOAD 355732	37.99 0.45 0.00	34.25 0.34 0.00	29.39 0.24 0.00	30.05 0.28 0.00	30.53 0.33 0.00	34.92 0.58 0.00	37.67 0.77 0.00	34.63 0.72 0.00	29.57 0.62 0.00	30.78 0.68 0.00	33.34 0.77 0.00	37.77 0.66 0.00	42.74 0.77 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.70 0.67 0.00	45.21 0.74 0.00	50.51 0.96 0.00	49.53 1.11 0.00	50.04 1.21 0.00	52.34 1.53 0.00	54.14 1.75 0.00	46.39 0.80 0.00	36.97 0.21 0.00
CHATEAUG_WT_PWR 323614	38.00 0.46 0.00	34.25 0.34 0.00	29.41 0.27 0.00	30.06 0.30 0.00	30.55 0.35 0.00	34.92 0.58 0.00	37.63 0.73 0.00	34.66 0.75 0.00	29.62 0.67 0.00	30.81 0.71 0.00	33.38 0.81 0.00	37.87 0.76 0.00	42.84 0.86 0.00	46.75 0.99 0.00	44.65 0.82 0.00	45.83 0.79 0.00	45.31 0.84 0.00	50.64 1.10 0.00	49.69 1.26 0.00	50.09 1.26 0.00	52.27 1.46 0.00	54.03 1.63 0.00	46.35 0.77 0.00	37.00 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	37.99 0.45 0.00	34.25 0.34 0.00	29.39 0.24 0.00	30.05 0.28 0.00	30.53 0.33 0.00	34.92 0.58 0.00	37.67 0.77 0.00	34.63 0.72 0.00	29.57 0.62 0.00	30.78 0.68 0.00	33.34 0.77 0.00	37.77 0.66 0.00	42.74 0.77 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.70 0.67 0.00	45.21 0.74 0.00	50.51 0.96 0.00	49.53 1.11 0.00	50.04 1.21 0.00	52.34 1.53 0.00	54.14 1.75 0.00	46.39 0.80 0.00	36.97 0.21 0.00
CHAUTAUQUA___LFGE 323629	36.83 -0.71 0.00	33.57 -0.34 0.00	28.38 -0.77 0.00	29.02 -0.74 0.00	29.73 -0.47 0.00	33.88 -0.46 0.00	35.70 -1.21 0.00	32.67 -1.25 0.00	28.24 -0.71 0.00	29.75 -0.34 0.00	32.60 0.02 0.00	37.09 -0.01 0.00	42.25 0.27 0.00	45.98 0.22 0.00	44.03 0.20 0.00	45.06 0.03 0.00	44.50 0.03 0.00	49.86 0.31 0.00	48.76 0.33 0.00	48.77 -0.06 0.00	50.70 -0.12 0.00	52.38 -0.02 0.00	46.59 1.00 0.00	37.43 0.66 0.00
CHERRYST_13_KV_LD 356241	40.13 2.59 0.00	35.96 2.06 0.00	30.95 1.80 0.00	31.40 1.64 0.00	31.82 1.62 0.00	35.78 1.44 0.00	38.41 1.51 0.00	35.55 1.63 0.00	30.66 1.72 0.00	31.99 1.90 0.00	34.71 2.08 -0.06	40.30 2.61 -0.59	46.13 2.97 -1.19	49.31 3.31 -0.24	48.60 3.20 -1.58	49.26 3.27 -0.96	47.58 3.11 0.00	52.40 2.85 0.00	50.67 2.24 0.00	50.54 1.71 0.00	52.17 1.35 0.00	53.94 1.55 0.00	47.91 2.33 0.00	38.98 2.21 0.00

CHESTROR_138KV_BK263 355645	39.17 1.63 0.00	35.22 1.31 0.00	30.30 1.15 0.00	30.79 1.03 0.00	31.22 1.02 0.00	35.19 0.85 0.00	37.70 0.80 0.00	34.77 0.85 0.00	29.83 0.88 0.00	31.05 0.96 0.00	33.64 1.02 -0.05	38.96 1.35 -0.50	44.51 1.52 -1.02	47.71 1.74 -0.21	46.87 1.69 -1.35	47.62 1.76 -0.83	46.12 1.65 0.00	51.06 1.52 0.00	49.66 1.23 0.00	49.73 0.90 0.00	51.47 0.66 0.00	53.16 0.76 0.00	46.97 1.38 0.00	38.13 1.37 0.00
CH_MIDHUDSON___DRP 24192	39.53 1.98 0.00	35.49 1.58 0.00	30.56 1.41 0.00	31.06 1.30 0.00	31.49 1.29 0.00	35.47 1.12 0.00	37.98 1.08 0.00	35.05 1.14 0.00	30.08 1.14 0.00	31.26 1.16 0.00	33.84 1.23 -0.04	39.09 1.55 -0.43	44.61 1.78 -0.86	47.99 2.05 -0.18	46.97 1.99 -1.14	47.80 2.07 -0.70	46.47 1.99 0.00	51.44 1.89 0.00	50.05 1.63 0.00	50.18 1.35 0.00	51.91 1.10 0.00	53.57 1.17 0.00	47.25 1.67 0.00	38.36 1.60 0.00
CH_MISC_IPPS 23765	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.35 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.41 -0.19	47.41 2.34 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.57 1.74 0.00	52.28 1.47 0.00	53.95 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00
CH_RES_BVR_FALLS 23983	37.48 -0.06 0.00	33.87 -0.03 0.00	29.12 -0.03 0.00	29.75 -0.01 0.00	30.20 0.00 0.00	34.41 0.07 0.00	37.02 0.11 0.00	34.04 0.13 0.00	29.06 0.11 0.00	30.23 0.13 0.00	32.72 0.15 0.00	37.18 0.07 0.00	42.06 0.08 0.00	45.85 0.09 0.00	43.89 0.06 0.00	45.06 0.03 0.00	44.54 0.06 0.00	49.66 0.12 0.00	48.58 0.15 0.00	48.98 0.15 0.00	51.05 0.24 0.00	52.70 0.30 0.00	45.60 0.02 0.00	36.64 -0.12 0.00
CH_RES_NIAGARA 23895	35.37 -2.17 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.41 -2.49 0.00	31.55 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.53 -1.04 0.00	35.74 -1.37 0.00	40.51 -1.46 0.00	44.13 -1.63 0.00	42.15 -1.68 0.00	43.11 -1.92 0.00	42.88 -1.59 0.00	48.07 -1.47 0.00	46.94 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.01 0.00	50.50 -1.90 0.00	45.16 -0.42 0.00	36.13 -0.63 0.00
CH_RES_SYRACUSE 23985	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.02 -0.19 0.00	34.10 -0.24 0.00	36.52 -0.38 0.00	33.46 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.55 -0.51 0.00	45.25 -0.39 0.00	43.44 -0.36 0.00	44.66 -0.27 0.00	44.20 -0.22 0.00	49.33 -0.22 0.00	48.31 -0.12 0.00	48.76 -0.07 0.00	50.69 -0.12 0.00	52.24 -0.16 0.00	45.62 0.04 0.00	36.78 0.01 0.00
CLINTON_WT_PWR 323605	38.00 0.46 0.00	34.25 0.34 0.00	29.41 0.27 0.00	30.06 0.30 0.00	30.55 0.35 0.00	34.92 0.58 0.00	37.63 0.73 0.00	34.66 0.75 0.00	29.62 0.67 0.00	30.81 0.71 0.00	33.38 0.81 0.00	37.87 0.76 0.00	42.84 0.86 0.00	46.75 0.99 0.00	44.65 0.82 0.00	45.83 0.79 0.00	45.31 0.84 0.00	50.64 1.10 0.00	49.69 1.26 0.00	50.09 1.26 0.00	52.27 1.46 0.00	54.03 1.63 0.00	46.35 0.77 0.00	37.00 0.24 0.00
CLINTON___LFGE 323618	38.91 1.37 0.00	34.98 1.08 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.23 1.03 0.00	35.65 1.31 0.00	38.37 1.47 0.00	35.32 1.41 0.00	30.16 1.21 0.00	31.32 1.22 0.00	33.93 1.36 0.00	38.58 1.48 0.00	43.64 1.66 0.00	47.64 1.88 0.00	45.46 1.64 0.00	46.72 1.69 0.00	46.17 1.69 0.00	51.72 2.17 0.00	51.04 2.61 0.00	51.38 2.55 0.00	53.58 2.77 0.00	55.39 3.00 0.00	47.49 1.90 0.00	37.86 1.10 0.00
COBBLENY_34_KV_TB1 80064	36.63 -0.91 0.00	33.41 -0.50 0.00	28.27 -0.88 0.00	29.00 -0.77 0.00	29.63 -0.57 0.00	33.86 -0.49 0.00	35.54 -1.37 0.00	32.66 -1.25 0.00	28.25 -0.69 0.00	29.73 -0.37 0.00	32.56 -0.02 0.00	36.97 -0.13 0.00	42.03 0.06 0.00	45.78 0.02 0.00	43.80 -0.03 0.00	44.87 -0.16 0.00	44.40 -0.08 0.00	49.77 0.23 0.00	48.65 0.22 0.00	48.73 -0.11 0.00	50.68 -0.13 0.00	52.39 -0.01 0.00	46.69 1.10 0.00	37.33 0.56 0.00
COFFEEN___115KV_TB3 355620	39.31 1.77 0.00	35.60 1.69 0.00	30.53 1.39 0.00	31.20 1.43 0.00	31.79 1.59 0.00	36.30 1.96 0.00	38.99 2.09 0.00	35.43 1.51 0.00	29.73 0.79 0.00	30.74 0.65 0.00	33.17 0.60 0.00	37.61 0.50 0.00	42.36 0.39 0.00	45.87 0.11 0.00	43.85 0.02 0.00	45.11 0.08 0.00	44.38 -0.09 0.00	50.14 0.59 0.00	49.43 0.99 0.00	51.00 2.17 0.00	54.51 3.70 0.00	56.80 4.40 0.00	49.18 3.60 0.00	39.21 2.45 0.00
COLDSPRG_115KV_BK1 355956	37.49 -0.05 0.00	34.07 0.16 0.00	28.80 -0.35 0.00	29.46 -0.31 0.00	30.16 -0.04 0.00	34.35 0.00 0.00	36.33 -0.57 0.00	33.60 -0.31 0.00	29.09 0.14 0.00	30.65 0.56 0.00	33.51 0.94 0.00	38.14 1.03 0.00	43.40 1.42 0.00	47.25 1.50 0.00	45.18 1.36 0.00	46.24 1.20 0.00	45.22 0.75 0.00	50.56 1.02 0.00	49.42 0.99 0.00	49.43 0.60 0.00	51.42 0.61 0.00	53.21 0.81 0.00	47.33 1.75 0.00	37.95 1.19 0.00
COLONIE_LFGE___ 323577	38.99 1.45 0.00	35.14 1.23 0.00	30.28 1.13 0.00	30.89 1.13 0.00	31.33 1.13 0.00	35.42 1.08 0.00	37.89 0.98 0.00	34.77 0.85 0.00	29.58 0.63 0.00	30.55 0.45 0.00	32.81 0.30 0.07	36.81 0.39 0.69	41.01 0.43 1.40	45.98 0.50 0.29	42.36 0.38 1.85	44.35 0.45 1.14	44.78 0.31 0.00	49.94 0.40 0.00	48.96 0.53 0.00	49.56 0.73 0.00	51.69 0.87 0.00	53.23 0.84 0.00	46.52 0.93 0.00	37.77 1.01 0.00
COOPERNY_115KV_TB1 80082	38.68 1.15 0.00	34.84 0.94 0.00	29.99 0.84 0.00	30.51 0.75 0.00	30.95 0.75 0.00	34.95 0.61 0.00	37.43 0.53 0.00	34.48 0.56 0.00	29.54 0.60 0.00	30.75 0.66 0.00	33.32 0.71 -0.04	38.40 0.94 -0.34	43.75 1.07 -0.70	47.14 1.24 -0.14	45.96 1.20 -0.93	46.86 1.26 -0.57	45.67 1.20 0.00	50.63 1.09 0.00	49.30 0.87 0.00	49.47 0.64 0.00	51.25 0.44 0.00	52.90 0.51 0.00	46.58 1.00 0.00	37.76 1.00 0.00
COPENHAGEN_WT_PWR 323753	38.78 1.24 0.00	35.15 1.24 0.00	30.18 1.03 0.00	30.85 1.09 0.00	31.44 1.24 0.00	35.87 1.53 0.00	38.51 1.61 0.00	35.07 1.16 0.00	29.49 0.55 0.00	30.52 0.42 0.00	32.95 0.38 0.00	37.40 0.29 0.00	42.18 0.21 0.00	45.75 -0.01 0.00	43.74 -0.09 0.00	45.00 -0.03 0.00	44.32 -0.16 0.00	49.96 0.42 0.00	49.22 0.79 0.00	50.62 1.79 0.00	53.77 2.96 0.00	55.95 3.56 0.00	48.43 2.84 0.00	38.69 1.93 0.00
CORNELL_____ 23752	37.97 0.43 0.00	34.35 0.44 0.00	29.46 0.31 0.00	30.03 0.27 0.00	30.56 0.37 0.00	34.70 0.36 0.00	37.17 0.27 0.00	34.01 0.10 0.00	28.93 -0.02 0.00	29.93 -0.17 0.00	32.37 -0.20 0.00	36.94 -0.17 0.00	41.95 -0.02 0.00	45.66 -0.10 0.00	43.78 -0.04 0.00	45.05 0.01 0.00	44.65 0.18 0.00	49.87 0.32 0.00	48.99 0.56 0.00	49.69 0.86 0.00	51.81 1.00 0.00	53.40 1.01 0.00	46.71 1.13 0.00	37.60 0.84 0.00

CORONA V_69 KV_TB1 355595	40.47 2.93 0.00	36.11 2.20 0.00	31.07 1.92 0.00	31.52 1.76 0.00	31.87 1.67 0.00	35.84 1.50 0.00	38.45 1.55 0.00	35.46 1.55 0.00	30.61 1.66 0.00	31.96 1.87 0.00	34.86 2.23 -0.06	40.52 2.82 -0.59	46.34 3.18 -1.19	50.18 3.61 -0.81	48.98 3.42 -1.74	49.19 3.19 -0.96	47.31 2.83 0.00	52.19 2.65 0.00	50.69 2.26 0.00	50.56 1.72 0.00	52.08 1.26 0.00	53.83 1.43 0.00	47.73 2.14 0.00	38.92 2.15 0.00
CORTLAND_115KV_TB3 80093	37.65 0.11 0.00	34.05 0.14 0.00	29.23 0.08 0.00	29.79 0.03 0.00	30.32 0.12 0.00	34.39 0.05 0.00	36.83 -0.07 0.00	33.73 -0.19 0.00	28.73 -0.21 0.00	29.79 -0.30 0.00	32.27 -0.30 0.00	36.84 -0.27 0.00	41.76 -0.21 0.00	45.49 -0.27 0.00	43.65 -0.18 0.00	44.90 -0.13 0.00	44.43 -0.04 0.00	49.54 -0.01 0.00	48.51 0.08 0.00	49.06 0.23 0.00	51.06 0.25 0.00	52.66 0.26 0.00	46.09 0.51 0.00	37.14 0.37 0.00
COXSACKIE__GT 23611	39.51 1.97 0.00	35.77 1.86 0.00	30.82 1.67 0.00	31.44 1.68 0.00	31.91 1.71 0.00	36.13 1.79 0.00	38.66 1.76 0.00	35.43 1.52 0.00	29.88 0.94 0.00	30.70 0.60 0.00	32.84 0.29 0.02	37.18 0.27 0.19	41.86 0.28 0.39	45.79 0.11 0.08	43.37 0.06 0.52	44.98 0.27 0.32	44.70 0.23 0.01	38.99 0.55 11.10	49.14 0.71 0.00	50.23 1.40 0.00	52.48 1.67 0.00	53.99 1.59 0.00	39.13 1.40 7.85	38.01 1.25 0.00
CPV_VALLEY__CC1 323721	38.85 1.31 0.00	34.96 1.05 0.00	30.09 0.94 0.00	30.59 0.82 0.00	31.01 0.81 0.00	34.97 0.63 0.00	37.46 0.56 0.00	34.55 0.63 0.00	29.63 0.69 0.00	30.85 0.75 0.00	33.43 0.81 -0.05	38.64 1.09 -0.45	44.08 1.20 -0.90	47.32 1.38 -0.19	46.36 1.33 -1.20	47.16 1.39 -0.74	45.76 1.29 0.00	50.66 1.11 0.00	49.26 0.83 0.00	49.34 0.51 0.00	51.08 0.27 0.00	52.75 0.36 0.00	46.58 0.99 0.00	37.82 1.06 0.00
CPV_VALLEY__CC2 323722	38.85 1.31 0.00	34.96 1.05 0.00	30.09 0.94 0.00	30.59 0.82 0.00	31.01 0.81 0.00	34.97 0.63 0.00	37.46 0.56 0.00	34.55 0.63 0.00	29.63 0.69 0.00	30.85 0.75 0.00	33.43 0.81 -0.05	38.64 1.09 -0.45	44.08 1.20 -0.90	47.32 1.38 -0.19	46.36 1.33 -1.20	47.16 1.39 -0.74	45.76 1.29 0.00	50.66 1.11 0.00	49.26 0.83 0.00	49.34 0.51 0.00	51.08 0.27 0.00	52.75 0.36 0.00	46.58 0.99 0.00	37.82 1.06 0.00
CRESCENT__HYD 24018	38.99 1.45 0.00	35.14 1.23 0.00	30.28 1.13 0.00	30.89 1.13 0.00	31.33 1.13 0.00	35.42 1.08 0.00	37.89 0.98 0.00	34.77 0.85 0.00	29.58 0.63 0.00	30.55 0.45 0.00	32.81 0.30 0.07	36.81 0.39 0.69	41.01 0.43 1.40	45.98 0.50 0.29	42.36 0.38 1.85	44.35 0.45 1.14	44.78 0.31 0.00	49.94 0.40 0.00	48.96 0.53 0.00	49.56 0.73 0.00	51.69 0.87 0.00	53.23 0.84 0.00	46.52 0.93 0.00	37.77 1.01 0.00
CRICKET__VALLEY_CC1 323756	39.01 1.47 0.00	35.00 1.09 0.00	30.18 1.02 0.00	30.70 0.94 0.00	31.10 0.90 0.00	34.99 0.65 0.00	37.47 0.57 0.00	34.57 0.66 0.00	29.65 0.71 0.00	30.75 0.66 0.00	32.45 0.63 0.76	30.45 0.85 7.50	27.74 0.95 15.19	43.76 1.12 3.13	24.72 1.05 20.17	33.79 1.11 12.35	45.48 1.01 0.00	50.34 0.80 0.00	49.09 0.66 0.00	49.33 0.49 0.00	51.11 0.30 0.00	52.73 0.33 0.00	46.45 0.87 0.00	37.75 0.99 0.00
CRICKET__VALLEY_CC2 323757	39.01 1.47 0.00	35.00 1.09 0.00	30.18 1.02 0.00	30.70 0.94 0.00	31.10 0.90 0.00	34.99 0.65 0.00	37.47 0.57 0.00	34.57 0.66 0.00	29.65 0.71 0.00	30.75 0.66 0.00	32.45 0.63 0.76	30.45 0.85 7.50	27.74 0.95 15.19	43.76 1.12 3.13	24.72 1.05 20.17	33.79 1.11 12.35	45.48 1.01 0.00	50.34 0.80 0.00	49.09 0.66 0.00	49.33 0.49 0.00	51.11 0.30 0.00	52.73 0.33 0.00	46.45 0.87 0.00	37.75 0.99 0.00
CRICKET__VALLEY_CC3 323758	39.01 1.47 0.00	35.00 1.09 0.00	30.18 1.02 0.00	30.70 0.94 0.00	31.10 0.90 0.00	34.99 0.65 0.00	37.47 0.57 0.00	34.57 0.66 0.00	29.65 0.71 0.00	30.75 0.66 0.00	32.45 0.63 0.76	30.45 0.85 7.50	27.74 0.95 15.19	43.76 1.12 3.13	24.72 1.05 20.17	33.79 1.11 12.35	45.48 1.01 0.00	50.34 0.80 0.00	49.09 0.66 0.00	49.33 0.49 0.00	51.11 0.30 0.00	52.73 0.33 0.00	46.45 0.87 0.00	37.75 0.99 0.00
CRUCIBLE_METL_DRP 24180	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.01 -0.19 0.00	34.10 -0.25 0.00	36.52 -0.38 0.00	33.45 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.44 -0.39 0.00	44.66 -0.37 0.00	44.20 -0.27 0.00	49.33 -0.22 0.00	48.32 -0.11 0.00	48.75 -0.08 0.00	50.69 -0.12 0.00	52.24 -0.15 0.00	45.62 0.04 0.00	36.78 0.01 0.00
DAHOWA__HYDRO 323763	39.59 2.05 0.00	35.59 1.69 0.00	30.64 1.49 0.00	31.25 1.49 0.00	31.73 1.53 0.00	35.94 1.60 0.00	38.45 1.55 0.00	35.24 1.33 0.00	29.90 0.96 0.00	30.74 0.65 0.00	32.92 0.40 0.06	37.10 0.55 0.56	41.50 0.66 1.14	46.25 0.72 0.23	42.87 0.55 1.51	44.75 0.64 0.93	45.13 0.65 0.00	50.55 1.01 0.00	49.96 1.54 0.00	50.79 1.96 0.00	53.02 2.21 0.00	54.55 2.15 0.00	47.52 1.94 0.00	38.51 1.75 0.00
DANC__LFGE 323619	38.07 0.53 0.00	34.46 0.55 0.00	29.59 0.44 0.00	30.22 0.46 0.00	30.77 0.57 0.00	35.05 0.71 0.00	37.61 0.70 0.00	34.33 0.41 0.00	29.01 0.06 0.00	30.06 -0.03 0.00	32.48 -0.10 0.00	36.92 -0.19 0.00	41.68 -0.29 0.00	45.27 -0.49 0.00	43.34 -0.49 0.00	44.58 -0.45 0.00	43.95 -0.52 0.00	49.40 -0.14 0.00	48.52 0.09 0.00	49.59 0.76 0.00	52.31 1.50 0.00	54.33 1.93 0.00	47.13 1.55 0.00	37.78 1.02 0.00
DANSKAMMER__1 23586	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.35 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.41 -0.19	47.41 2.34 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.57 1.74 0.00	52.28 1.47 0.00	53.95 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00
DANSKAMMER__2 23589	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.35 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.41 -0.19	47.41 2.34 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.57 1.74 0.00	52.28 1.47 0.00	53.95 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00
DANSKAMMER__3 23590	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.35 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.41 -0.19	47.41 2.34 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.57 1.74 0.00	52.28 1.47 0.00	53.95 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00

DANSKAMMER___4 23591	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.35 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.41 -0.19	47.41 2.34 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.57 1.74 0.00	52.28 1.47 0.00	53.95 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00
DANSKAMMER___DIESEL 23592	39.76 2.22 0.00	35.70 1.79 0.00	30.71 1.56 0.00	31.22 1.46 0.00	31.65 1.44 0.00	35.65 1.31 0.00	38.20 1.30 0.00	35.26 1.34 0.00	30.26 1.32 0.00	31.46 1.36 0.00	34.06 1.44 -0.05	39.40 1.83 -0.46	45.00 2.09 -0.94	48.37 2.42 -0.19	47.42 2.35 -1.25	48.25 2.46 -0.76	46.86 2.39 0.00	51.90 2.35 0.00	50.48 2.05 0.00	50.58 1.74 0.00	52.28 1.47 0.00	53.94 1.55 0.00	47.60 2.02 0.00	38.62 1.85 0.00
DARBY___SOLAR 323810	39.42 1.88 0.00	35.46 1.56 0.00	30.53 1.38 0.00	31.15 1.38 0.00	31.61 1.41 0.00	35.79 1.45 0.00	38.29 1.39 0.00	35.10 1.18 0.00	29.79 0.85 0.00	30.66 0.56 0.00	32.84 0.33 0.06	36.99 0.47 0.58	41.34 0.55 1.18	46.11 0.60 0.24	42.70 0.43 1.57	44.61 0.54 0.96	45.00 0.52 0.00	50.39 0.84 0.00	49.71 1.28 0.00	50.50 1.67 0.00	52.69 1.89 0.00	54.24 1.84 0.00	47.28 1.70 0.00	38.33 1.57 0.00
DASHVILLE___HYD 23610	39.15 1.60 0.00	35.19 1.28 0.00	30.33 1.18 0.00	30.83 1.07 0.00	31.25 1.05 0.00	35.21 0.86 0.00	37.69 0.79 0.00	34.77 0.85 0.00	29.83 0.89 0.00	31.00 0.90 0.00	33.54 0.94 -0.03	38.67 1.28 -0.28	44.05 1.51 -0.56	47.56 1.69 -0.12	46.26 1.68 -0.75	47.28 1.79 -0.46	46.12 1.65 0.00	48.42 1.56 2.69	49.66 1.23 0.00	49.82 0.98 0.00	51.54 0.73 0.00	53.20 0.80 0.00	45.05 1.37 1.90	38.10 1.33 0.00
DELAWARE___LFGE 323621	38.42 0.88 0.00	34.76 0.85 0.00	29.98 0.83 0.00	30.54 0.78 0.00	31.02 0.82 0.00	35.11 0.76 0.00	37.51 0.61 0.00	34.46 0.54 0.00	29.46 0.51 0.00	30.65 0.56 0.00	33.20 0.63 0.00	37.90 0.79 0.00	42.93 0.95 0.00	46.83 1.07 0.00	44.86 1.03 0.00	46.10 1.06 0.00	45.53 1.06 0.00	50.64 1.09 0.00	49.42 0.99 0.00	49.77 0.94 0.00	51.67 0.86 0.00	53.31 0.91 0.00	46.73 1.15 0.00	37.73 0.96 0.00
DERFIELD_115KV_TB7 355931	37.70 0.16 0.00	34.06 0.16 0.00	29.32 0.17 0.00	29.91 0.15 0.00	30.35 0.15 0.00	34.46 0.12 0.00	36.96 0.06 0.00	33.93 0.02 0.00	28.94 -0.01 0.00	30.06 -0.04 0.00	32.50 -0.07 0.00	37.05 -0.06 0.00	41.89 -0.08 0.00	45.67 -0.09 0.00	43.74 -0.08 0.00	44.96 -0.07 0.00	44.39 -0.09 0.00	49.45 -0.10 0.00	48.33 -0.10 0.00	48.78 -0.05 0.00	50.76 -0.05 0.00	52.35 -0.05 0.00	45.66 0.08 0.00	36.87 0.11 0.00
DOGLEVILLE___HYD 23807	38.18 0.64 0.00	34.50 0.59 0.00	29.83 0.68 0.00	30.42 0.65 0.00	30.86 0.65 0.00	34.88 0.53 0.00	37.23 0.33 0.00	33.73 -0.19 0.00	28.28 -0.66 0.00	29.01 -1.09 0.00	31.22 -1.35 0.00	35.77 -1.33 0.00	40.36 -1.62 0.00	44.08 -1.69 0.00	42.15 -1.68 0.00	43.35 -1.68 0.00	42.68 -1.80 0.00	47.79 -1.76 0.00	47.29 -1.15 0.00	48.51 -0.31 0.00	50.79 -0.03 0.00	52.19 -0.21 0.00	45.63 0.05 0.00	37.11 0.34 0.00
DUNKIRK__115KV_TB_200 55889	36.76 -0.78 0.00	33.51 -0.39 0.00	28.34 -0.81 0.00	28.98 -0.78 0.00	29.68 -0.52 0.00	33.83 -0.51 0.00	35.65 -1.25 0.00	32.60 -1.31 0.00	28.18 -0.76 0.00	29.69 -0.41 0.00	32.52 -0.05 0.00	37.00 -0.11 0.00	42.13 0.16 0.00	45.85 0.09 0.00	43.92 0.09 0.00	44.97 -0.06 0.00	44.42 -0.05 0.00	49.78 0.23 0.00	48.67 0.24 0.00	48.68 -0.15 0.00	50.62 -0.20 0.00	52.31 -0.09 0.00	46.53 0.95 0.00	37.36 0.60 0.00
DUNKIRK___1 23563	36.76 -0.78 0.00	33.51 -0.39 0.00	28.34 -0.81 0.00	28.98 -0.78 0.00	29.68 -0.52 0.00	33.83 -0.51 0.00	35.65 -1.25 0.00	32.60 -1.31 0.00	28.18 -0.76 0.00	29.69 -0.41 0.00	32.52 -0.05 0.00	37.00 -0.11 0.00	42.13 0.16 0.00	45.85 0.09 0.00	43.92 0.09 0.00	44.97 -0.06 0.00	44.42 -0.05 0.00	49.78 0.23 0.00	48.67 0.24 0.00	48.68 -0.15 0.00	50.62 -0.20 0.00	52.31 -0.09 0.00	46.53 0.95 0.00	37.36 0.60 0.00
DUNKIRK___2 23564	36.76 -0.78 0.00	33.51 -0.39 0.00	28.34 -0.81 0.00	28.98 -0.78 0.00	29.68 -0.52 0.00	33.83 -0.51 0.00	35.65 -1.25 0.00	32.60 -1.31 0.00	28.18 -0.76 0.00	29.69 -0.41 0.00	32.52 -0.05 0.00	37.00 -0.11 0.00	42.13 0.16 0.00	45.85 0.09 0.00	43.92 0.09 0.00	44.97 -0.06 0.00	44.42 -0.05 0.00	49.78 0.23 0.00	48.67 0.24 0.00	48.68 -0.15 0.00	50.62 -0.20 0.00	52.31 -0.09 0.00	46.53 0.95 0.00	37.36 0.60 0.00
DUNKIRK___3 23565	36.62 -0.92 0.00	33.38 -0.53 0.00	28.24 -0.91 0.00	28.90 -0.86 0.00	29.59 -0.61 0.00	33.72 -0.63 0.00	35.50 -1.40 0.00	32.52 -1.40 0.00	28.11 -0.84 0.00	29.60 -0.50 0.00	32.41 -0.16 0.00	36.86 -0.24 0.00	41.95 -0.02 0.00	45.66 -0.10 0.00	43.71 -0.12 0.00	44.77 -0.26 0.00	44.21 -0.26 0.00	49.55 0.00 0.00	48.41 -0.02 0.00	48.44 -0.39 0.00	50.37 -0.44 0.00	52.09 -0.31 0.00	46.36 0.78 0.00	37.20 0.44 0.00
DUNKIRK___4 23566	36.62 -0.92 0.00	33.38 -0.53 0.00	28.24 -0.91 0.00	28.90 -0.86 0.00	29.59 -0.61 0.00	33.72 -0.63 0.00	35.50 -1.40 0.00	32.52 -1.40 0.00	28.11 -0.84 0.00	29.60 -0.50 0.00	32.41 -0.16 0.00	36.86 -0.24 0.00	41.95 -0.02 0.00	45.66 -0.10 0.00	43.71 -0.12 0.00	44.77 -0.26 0.00	44.21 -0.26 0.00	49.55 0.00 0.00	48.41 -0.02 0.00	48.44 -0.39 0.00	50.37 -0.44 0.00	52.09 -0.31 0.00	46.36 0.78 0.00	37.20 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.88 2.34 0.00	35.76 1.85 0.00	30.77 1.62 0.00	31.24 1.48 0.00	31.65 1.45 0.00	35.61 1.26 0.00	38.18 1.28 0.00	35.28 1.37 0.00	30.37 1.43 0.00	31.65 1.56 0.00	34.34 1.71 -0.06	39.85 2.16 -0.59	45.61 2.44 -1.19	48.75 2.75 -0.24	48.05 2.65 -1.58	48.72 2.72 -0.96	47.01 2.54 0.00	51.85 2.30 0.00	50.30 1.87 0.00	50.25 1.42 0.00	51.88 1.07 0.00	53.67 1.27 0.00	47.57 1.98 0.00	38.70 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.50 1.96 0.00	35.47 1.57 0.00	30.52 1.38 0.00	31.02 1.26 0.00	31.45 1.25 0.00	35.44 1.10 0.00	37.98 1.07 0.00	35.03 1.12 0.00	30.07 1.13 0.00	31.30 1.20 0.00	33.87 1.25 -0.05	39.17 1.61 -0.46	44.73 1.82 -0.93	48.06 2.11 -0.19	47.12 2.07 -1.23	47.94 2.16 -0.75	46.56 2.09 0.00	51.49 1.94 0.00	50.05 1.62 0.00	50.12 1.28 0.00	51.83 1.02 0.00	53.51 1.11 0.00	47.27 1.68 0.00	38.37 1.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.99 2.45 0.00	35.85 1.94 0.00	30.90 1.75 0.00	31.23 1.47 0.00	31.67 1.47 0.00	35.65 1.31 0.00	38.26 1.35 0.00	35.41 1.50 0.00	30.53 1.58 0.00	31.77 1.67 0.00	34.52 1.89 -0.06	40.14 2.44 -0.59	45.84 2.68 -1.19	48.99 2.99 -0.24	48.33 2.92 -1.58	48.99 2.99 -0.96	47.35 2.88 0.00	51.91 2.36 0.00	50.21 1.78 0.00	50.20 1.37 0.00	51.76 0.95 0.00	53.53 1.14 0.00	47.71 2.12 0.00	38.77 2.00 0.00

E179THST_13_KV_LOAD 356214	40.22 2.68 0.00	36.05 2.14 0.00	31.06 1.92 0.00	31.39 1.63 0.00	31.83 1.63 0.00	35.84 1.50 0.00	38.45 1.55 0.00	35.61 1.69 0.00	30.69 1.75 0.00	31.94 1.84 0.00	34.72 2.08 -0.06	40.36 2.67 -0.59	46.10 2.94 -1.19	49.27 3.26 -0.24	48.60 3.20 -1.58	49.27 3.27 -0.96	47.64 3.16 0.00	52.21 2.67 0.00	50.52 2.09 0.00	50.50 1.67 0.00	52.07 1.26 0.00	53.87 1.47 0.00	47.98 2.40 0.00	38.98 2.22 0.00
EAST HAMPTON___GT 23717	42.33 4.79 0.00	37.36 3.45 0.00	32.32 3.17 0.00	32.78 3.02 0.00	32.85 2.65 0.00	36.81 2.47 0.00	39.53 2.62 0.00	36.39 2.48 0.00	31.57 2.62 0.00	33.12 3.03 0.00	36.33 3.70 -0.06	42.34 4.64 -0.58	48.31 5.15 -1.18	52.55 5.98 -0.81	51.41 5.85 -1.74	51.53 5.53 -0.96	49.32 4.84 0.00	54.63 5.08 0.00	53.49 4.67 -0.38	52.71 3.87 0.00	53.79 2.98 0.00	55.68 3.28 0.00	49.22 3.63 0.00	40.04 3.28 0.00
EAST RIVER___6 23660	39.99 2.45 0.00	35.85 1.94 0.00	30.85 1.70 0.00	31.29 1.53 0.00	31.71 1.51 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.47 0.00	30.51 1.56 0.00	31.81 1.72 0.00	34.53 1.89 -0.06	40.11 2.42 -0.59	45.90 2.74 -1.19	49.06 3.05 -0.24	48.35 2.94 -1.58	49.02 3.03 -0.96	47.34 2.87 0.00	52.13 2.59 0.00	50.43 2.00 0.00	50.31 1.48 0.00	51.95 1.15 0.00	53.75 1.35 0.00	47.75 2.16 0.00	38.85 2.08 0.00
EAST RIVER___7 23524	39.99 2.45 0.00	35.85 1.94 0.00	30.85 1.70 0.00	31.29 1.53 0.00	31.71 1.51 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.47 0.00	30.51 1.56 0.00	31.81 1.72 0.00	34.53 1.89 -0.06	40.11 2.42 -0.59	45.90 2.74 -1.19	49.06 3.05 -0.24	48.35 2.94 -1.58	49.02 3.03 -0.96	47.34 2.87 0.00	52.13 2.59 0.00	50.43 2.00 0.00	50.31 1.48 0.00	51.95 1.15 0.00	53.75 1.35 0.00	47.75 2.16 0.00	38.85 2.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.72 2.18 0.00	35.64 1.73 0.00	30.67 1.52 0.00	31.14 1.38 0.00	31.55 1.35 0.00	35.50 1.16 0.00	38.06 1.15 0.00	35.16 1.25 0.00	30.26 1.31 0.00	31.53 1.43 0.00	34.21 1.57 -0.06	39.70 2.01 -0.58	45.42 2.27 -1.18	48.56 2.56 -0.24	47.87 2.47 -1.57	48.53 2.54 -0.96	46.84 2.37 0.00	51.70 2.15 0.00	50.15 1.72 0.00	50.12 1.28 0.00	51.77 0.96 0.00	53.51 1.11 0.00	47.41 1.83 0.00	38.56 1.80 0.00
EAST_HAMPTON___DIESEL 23722	42.34 4.80 0.00	37.37 3.46 0.00	32.32 3.17 0.00	32.78 3.02 0.00	32.84 2.64 0.00	36.81 2.47 0.00	39.53 2.62 0.00	36.39 2.48 0.00	31.58 2.64 0.00	33.13 3.03 0.00	36.34 3.71 -0.06	42.35 4.65 -0.58	48.33 5.17 -1.18	52.56 5.99 -0.81	51.43 5.86 -1.74	51.54 5.55 -0.96	49.35 4.88 0.00	54.67 5.12 0.00	53.53 4.71 -0.38	52.73 3.90 0.00	53.80 2.99 0.00	55.68 3.29 0.00	49.22 3.64 0.00	40.05 3.29 0.00
EAST_POINT___SOLAR 323840	39.63 2.09 0.00	35.82 1.91 0.00	30.79 1.64 0.00	31.43 1.67 0.00	31.90 1.70 0.00	36.33 1.99 0.00	38.63 1.73 0.00	34.45 0.54 0.00	28.88 -0.07 0.00	29.98 -0.12 0.00	32.52 -0.03 0.03	36.74 -0.03 0.33	41.49 0.19 0.67	45.92 0.30 0.14	43.03 0.09 0.89	44.61 0.13 0.55	44.65 0.17 0.00	49.88 0.34 0.00	49.58 1.14 0.00	51.69 2.85 0.00	54.70 3.89 0.00	56.49 4.10 0.00	49.12 3.54 0.00	39.33 2.57 0.00
EAST_PULASKI___ESR 323781	37.38 -0.16 0.00	33.80 -0.11 0.00	29.02 -0.13 0.00	29.62 -0.14 0.00	30.12 -0.08 0.00	34.26 -0.08 0.00	36.72 -0.18 0.00	33.61 -0.31 0.00	28.52 -0.42 0.00	29.62 -0.48 0.00	32.02 -0.55 0.00	36.46 -0.64 0.00	41.23 -0.75 0.00	44.84 -0.93 0.00	42.98 -0.84 0.00	44.20 -0.84 0.00	43.56 -0.91 0.00	48.88 -0.67 0.00	47.88 -0.55 0.00	48.66 -0.17 0.00	50.94 0.13 0.00	52.73 0.33 0.00	45.77 0.19 0.00	36.88 0.11 0.00
EAST_RIVER___1 323558	40.02 2.48 0.00	35.87 1.96 0.00	30.87 1.72 0.00	31.31 1.55 0.00	31.73 1.53 0.00	35.68 1.33 0.00	38.28 1.38 0.00	35.42 1.50 0.00	30.54 1.60 0.00	31.86 1.76 0.00	34.56 1.93 -0.06	40.13 2.44 -0.59	45.92 2.76 -1.19	49.08 3.08 -0.24	48.38 2.98 -1.58	49.05 3.05 -0.96	47.38 2.91 0.00	52.17 2.62 0.00	50.48 2.05 0.00	50.36 1.52 0.00	51.99 1.18 0.00	53.77 1.37 0.00	47.77 2.19 0.00	38.86 2.09 0.00
EAST_RIVER___2 323559	39.99 2.45 0.00	35.85 1.94 0.00	30.85 1.70 0.00	31.29 1.53 0.00	31.71 1.51 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.47 0.00	30.51 1.56 0.00	31.81 1.72 0.00	34.53 1.89 -0.06	40.11 2.42 -0.59	45.90 2.74 -1.19	49.06 3.05 -0.24	48.35 2.94 -1.58	49.02 3.03 -0.96	47.34 2.87 0.00	52.13 2.59 0.00	50.43 2.00 0.00	50.31 1.48 0.00	51.95 1.15 0.00	53.75 1.35 0.00	47.75 2.16 0.00	38.85 2.08 0.00
EAST___DELAWARE_HYD 23607	38.28 0.74 0.00	34.37 0.47 0.00	29.57 0.42 0.00	30.06 0.29 0.00	30.46 0.26 0.00	34.35 0.01 0.00	36.83 -0.08 0.00	33.98 0.07 0.00	29.36 0.41 0.00	30.52 0.42 0.00	33.01 0.40 -0.04	38.07 0.59 -0.37	43.43 0.71 -0.75	46.87 0.96 -0.15	45.82 1.00 -0.99	46.67 1.04 -0.61	45.56 1.09 0.00	49.68 1.00 0.86	49.28 0.85 0.00	49.47 0.64 0.00	51.15 0.34 0.00	52.77 0.37 0.00	45.87 0.90 0.61	37.64 0.87 0.00
EIGHT_POINT___WT_PWR 323820	37.42 -0.12 0.00	33.99 0.08 0.00	28.86 -0.29 0.00	29.40 -0.36 0.00	30.04 -0.16 0.00	34.11 -0.23 0.00	36.20 -0.70 0.00	32.99 -0.92 0.00	28.20 -0.75 0.00	29.32 -0.77 0.00	31.92 -0.66 0.00	36.32 -0.79 0.00	41.42 -0.55 0.00	45.11 -0.65 0.00	43.20 -0.63 0.00	44.30 -0.73 0.00	44.18 -0.30 0.00	49.46 -0.08 0.00	48.54 0.11 0.00	49.19 0.36 0.00	51.41 0.60 0.00	53.01 0.61 0.00	46.81 1.22 0.00	37.66 0.89 0.00
ELBRIDGE_115KV_TB2 80188	37.11 -0.43 0.00	33.56 -0.35 0.00	28.80 -0.36 0.00	29.38 -0.38 0.00	29.86 -0.34 0.00	33.92 -0.43 0.00	36.33 -0.57 0.00	33.26 -0.65 0.00	28.38 -0.56 0.00	29.46 -0.63 0.00	31.92 -0.65 0.00	36.49 -0.62 0.00	41.33 -0.64 0.00	45.00 -0.76 0.00	43.22 -0.60 0.00	44.39 -0.64 0.00	43.99 -0.49 0.00	49.08 -0.46 0.00	48.05 -0.38 0.00	48.45 -0.38 0.00	50.39 -0.42 0.00	51.94 -0.46 0.00	45.40 -0.18 0.00	36.65 -0.11 0.00
ELEC_TRO_TEK 24086	40.16 2.62 0.00	35.85 1.94 0.00	30.86 1.71 0.00	31.30 1.54 0.00	31.67 1.47 0.00	35.60 1.26 0.00	38.20 1.30 0.00	35.24 1.32 0.00	30.41 1.46 0.00	31.76 1.67 0.00	34.63 2.00 -0.06	40.25 2.56 -0.59	46.01 2.85 -1.19	49.82 3.25 -0.81	48.63 3.07 -1.74	48.83 2.84 -0.96	46.96 2.48 0.00	51.75 2.21 0.00	50.21 1.78 0.00	50.09 1.26 0.00	51.60 0.78 0.00	53.35 0.96 0.00	47.33 1.75 0.00	38.63 1.87 0.00
ELLENBURG_WT_PWR 323604	38.00 0.46 0.00	34.25 0.34 0.00	29.41 0.27 0.00	30.06 0.30 0.00	30.55 0.35 0.00	34.92 0.58 0.00	37.63 0.73 0.00	34.66 0.75 0.00	29.62 0.67 0.00	30.81 0.71 0.00	33.38 0.81 0.00	37.87 0.76 0.00	42.84 0.86 0.00	46.75 0.99 0.00	44.65 0.82 0.00	45.83 0.79 0.00	45.31 0.84 0.00	50.64 1.10 0.00	49.69 1.26 0.00	50.09 1.26 0.00	52.27 1.46 0.00	54.03 1.63 0.00	46.35 0.77 0.00	37.00 0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.30 -1.24 0.00	33.14 -0.77 0.00	28.03 -1.12 0.00	28.75 -1.01 0.00	29.39 -0.81 0.00	33.58 -0.76 0.00	35.22 -1.68 0.00	32.32 -1.59 0.00	27.97 -0.97 0.00	29.46 -0.64 0.00	32.28 -0.29 0.00	36.64 -0.47 0.00	41.62 -0.35 0.00	45.33 -0.43 0.00	43.34 -0.49 0.00	44.36 -0.67 0.00	43.92 -0.55 0.00	49.26 -0.28 0.00	48.12 -0.31 0.00	48.18 -0.65 0.00	50.10 -0.71 0.00	51.81 -0.59 0.00	46.18 0.60 0.00	36.99 0.22 0.00
EMPIRE_CC_1 323656	38.48 0.94 0.00	34.74 0.83 0.00	29.96 0.81 0.00	30.56 0.80 0.00	30.98 0.78 0.00	34.97 0.63 0.00	37.33 0.43 0.00	34.27 0.35 0.00	29.19 0.24 0.00	30.22 0.12 0.00	32.40 -0.09 0.09	36.11 -0.11 0.89	39.98 -0.20 1.80	45.20 -0.19 0.37	41.18 -0.26 2.39	43.35 -0.22 1.46	44.06 -0.41 0.00	48.99 -0.55 0.00	47.87 -0.56 0.00	48.39 -0.45 0.00	50.44 -0.37 0.00	51.97 -0.42 0.00	45.51 -0.07 0.00	37.02 0.26 0.00
EMPIRE_CC_2 323658	38.48 0.94 0.00	34.74 0.83 0.00	29.96 0.81 0.00	30.56 0.80 0.00	30.98 0.78 0.00	34.97 0.63 0.00	37.33 0.43 0.00	34.27 0.35 0.00	29.19 0.24 0.00	30.22 0.12 0.00	32.40 -0.09 0.09	36.11 -0.11 0.89	39.98 -0.20 1.80	45.20 -0.19 0.37	41.18 -0.26 2.39	43.35 -0.22 1.46	44.06 -0.41 0.00	48.99 -0.55 0.00	47.87 -0.56 0.00	48.39 -0.45 0.00	50.44 -0.37 0.00	51.97 -0.42 0.00	45.51 -0.07 0.00	37.02 0.26 0.00
ENORWICH_115KV_TB1 80156	39.33 1.79 0.00	35.65 1.74 0.00	30.59 1.44 0.00	31.17 1.41 0.00	31.83 1.63 0.00	36.17 1.83 0.00	38.87 1.97 0.00	35.61 1.69 0.00	30.20 1.26 0.00	31.26 1.17 0.00	33.88 1.31 0.00	38.70 1.59 0.00	43.93 1.96 0.00	47.97 2.21 0.00	45.97 2.15 0.00	47.14 2.10 0.00	46.78 2.31 0.00	52.42 2.88 0.00	51.62 3.19 0.00	52.59 3.76 0.00	54.68 3.87 0.00	56.29 3.90 0.00	49.10 3.52 0.00	39.35 2.59 0.00
ERIE_ST__34_KV_TB1-2 80199	36.58 -0.96 0.00	33.34 -0.57 0.00	28.19 -0.97 0.00	28.90 -0.86 0.00	29.54 -0.67 0.00	33.76 -0.59 0.00	35.45 -1.45 0.00	32.59 -1.32 0.00	28.21 -0.73 0.00	29.70 -0.40 0.00	32.53 -0.05 0.00	36.92 -0.18 0.00	42.02 0.04 0.00	45.74 -0.02 0.00	43.79 -0.04 0.00	44.90 -0.13 0.00	44.42 -0.06 0.00	49.86 0.31 0.00	48.72 0.29 0.00	48.77 -0.06 0.00	50.68 -0.13 0.00	52.36 -0.03 0.00	46.60 1.01 0.00	37.25 0.49 0.00
ERIE_WT_PWR 323693	36.50 -1.04 0.00	33.31 -0.60 0.00	28.17 -0.98 0.00	28.88 -0.88 0.00	29.50 -0.70 0.00	33.72 -0.62 0.00	35.39 -1.51 0.00	32.51 -1.40 0.00	28.12 -0.82 0.00	29.60 -0.49 0.00	32.45 -0.13 0.00	36.84 -0.27 0.00	41.88 -0.10 0.00	45.63 -0.13 0.00	43.62 -0.21 0.00	44.65 -0.38 0.00	44.14 -0.33 0.00	49.54 -0.01 0.00	48.42 -0.01 0.00	48.48 -0.35 0.00	50.44 -0.37 0.00	52.11 -0.29 0.00	46.45 0.87 0.00	37.18 0.42 0.00
ESPRGFLD_115KV_TB1 80157	38.88 1.34 0.00	35.17 1.26 0.00	30.27 1.12 0.00	30.86 1.10 0.00	31.36 1.15 0.00	35.68 1.34 0.00	38.21 1.31 0.00	35.04 1.12 0.00	29.93 0.99 0.00	31.27 1.17 0.00	33.99 1.43 0.02	38.61 1.71 0.20	43.64 2.07 0.41	48.00 2.33 0.08	45.52 2.23 0.54	46.93 2.23 0.33	46.81 2.34 0.00	52.15 2.61 0.00	51.05 2.62 0.00	51.69 2.85 0.00	53.79 2.98 0.00	55.53 3.14 0.00	48.44 2.85 0.00	38.78 2.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.93 0.39 0.00	34.30 0.40 0.00	29.43 0.28 0.00	30.00 0.24 0.00	30.53 0.33 0.00	34.65 0.31 0.00	37.13 0.23 0.00	33.98 0.06 0.00	28.90 -0.04 0.00	29.91 -0.19 0.00	32.35 -0.23 0.00	36.93 -0.18 0.00	41.93 -0.04 0.00	45.64 -0.11 0.00	43.77 -0.05 0.00	45.04 0.00 0.00	44.63 0.16 0.00	49.83 0.29 0.00	48.94 0.51 0.00	49.60 0.77 0.00	51.69 0.88 0.00	53.28 0.88 0.00	46.60 1.02 0.00	37.53 0.76 0.00
ETNA____115KV_TB2 80207	37.93 0.39 0.00	34.30 0.40 0.00	29.43 0.28 0.00	30.00 0.24 0.00	30.53 0.33 0.00	34.65 0.31 0.00	37.13 0.23 0.00	33.98 0.06 0.00	28.90 -0.04 0.00	29.91 -0.19 0.00	32.35 -0.23 0.00	36.93 -0.18 0.00	41.93 -0.04 0.00	45.64 -0.11 0.00	43.77 -0.05 0.00	45.04 0.00 0.00	44.63 0.16 0.00	49.83 0.29 0.00	48.94 0.51 0.00	49.60 0.77 0.00	51.69 0.88 0.00	53.28 0.88 0.00	46.60 1.02 0.00	37.53 0.76 0.00
EUCLID___115KV_TB2 356179	36.95 -0.59 0.00	33.40 -0.51 0.00	28.67 -0.48 0.00	29.26 -0.50 0.00	29.73 -0.47 0.00	33.77 -0.57 0.00	36.15 -0.75 0.00	33.16 -0.75 0.00	28.30 -0.65 0.00	29.43 -0.67 0.00	31.90 -0.67 0.00	36.38 -0.73 0.00	41.19 -0.79 0.00	44.86 -0.90 0.00	43.05 -0.78 0.00	44.26 -0.77 0.00	43.76 -0.71 0.00	48.82 -0.73 0.00	47.78 -0.65 0.00	48.21 -0.63 0.00	50.12 -0.69 0.00	51.67 -0.73 0.00	45.15 -0.43 0.00	36.39 -0.37 0.00
E_CANADA_CAP_HY 24051	39.24 1.70 0.00	35.47 1.57 0.00	30.51 1.36 0.00	31.15 1.39 0.00	31.63 1.43 0.00	36.05 1.70 0.00	38.58 1.68 0.00	35.18 1.27 0.00	29.87 0.92 0.00	31.14 1.04 0.00	33.79 1.25 0.03	38.26 1.46 0.30	43.15 1.78 0.61	47.62 1.98 0.12	44.88 1.86 0.81	46.40 1.86 0.49	46.38 1.91 0.00	51.77 2.23 0.00	50.89 2.46 0.00	51.94 3.11 0.00	54.36 3.55 0.00	56.14 3.74 0.00	48.83 3.25 0.00	39.08 2.32 0.00
E_CANADA_MHWK_HY 24050	38.18 0.64 0.00	34.50 0.59 0.00	29.83 0.68 0.00	30.41 0.65 0.00	30.86 0.65 0.00	34.88 0.53 0.00	37.23 0.33 0.00	33.73 -0.19 0.00	28.28 -0.66 0.00	29.01 -1.09 0.00	31.22 -1.35 0.00	35.77 -1.33 0.00	40.36 -1.62 0.00	44.07 -1.69 0.00	42.15 -1.68 0.00	43.35 -1.68 0.00	42.68 -1.80 0.00	47.79 -1.76 0.00	47.28 -1.14 0.00	48.51 -0.31 0.00	50.79 -0.03 0.00	52.19 -0.21 0.00	45.64 0.05 0.00	37.11 0.34 0.00
E_FISHKILL___LBMP 23776	39.27 1.73 0.00	35.27 1.36 0.00	30.38 1.23 0.00	30.88 1.12 0.00	31.31 1.11 0.00	35.24 0.91 0.00	37.76 0.85 0.00	34.83 0.91 0.00	29.89 0.95 0.00	31.08 0.99 0.00	33.67 1.03 -0.06	39.04 1.33 -0.60	44.69 1.49 -1.22	47.71 1.70 -0.25	47.09 1.64 -1.63	47.71 1.68 -1.00	46.03 1.55 0.00	50.91 1.36 0.00	49.51 1.07 0.00	49.61 0.77 0.00	51.34 0.53 0.00	53.02 0.62 0.00	46.86 1.27 0.00	38.09 1.33 0.00
FALCON___SEABRD_CC1 323796	38.94 1.40 0.00	34.99 1.08 0.00	30.09 0.94 0.00	30.75 0.99 0.00	31.27 1.07 0.00	35.67 1.33 0.00	38.38 1.48 0.00	35.35 1.44 0.00	30.22 1.28 0.00	31.38 1.28 0.00	34.01 1.43 0.00	38.70 1.59 0.00	43.78 1.80 0.00	47.80 2.04 0.00	45.60 1.77 0.00	46.85 1.82 0.00	46.27 1.79 0.00	51.85 2.31 0.00	51.08 2.64 0.00	51.42 2.58 0.00	53.49 2.68 0.00	55.31 2.91 0.00	47.46 1.87 0.00	37.86 1.09 0.00
FALCON___SEABRD_CC2 323797	38.94 1.40 0.00	34.99 1.08 0.00	30.09 0.94 0.00	30.75 0.99 0.00	31.27 1.07 0.00	35.67 1.33 0.00	38.38 1.48 0.00	35.35 1.44 0.00	30.22 1.28 0.00	31.38 1.28 0.00	34.01 1.43 0.00	38.70 1.59 0.00	43.78 1.80 0.00	47.80 2.04 0.00	45.60 1.77 0.00	46.85 1.82 0.00	46.27 1.79 0.00	51.85 2.31 0.00	51.08 2.64 0.00	51.42 2.58 0.00	53.49 2.68 0.00	55.31 2.91 0.00	47.46 1.87 0.00	37.86 1.09 0.00

FAR ROCKAWAY___4 23548	40.86 3.32 0.00	36.43 2.52 0.00	31.32 2.17 0.00	31.77 2.00 0.00	32.12 1.91 0.00	36.13 1.79 0.00	38.76 1.86 0.00	35.76 1.85 0.00	30.88 1.93 0.00	32.28 2.18 0.00	35.21 2.57 -0.06	40.95 3.25 -0.59	46.84 3.68 -1.19	50.71 4.14 -0.81	49.49 3.93 -1.74	49.67 3.67 -0.96	47.82 3.35 0.00	52.79 3.24 0.00	51.26 2.83 0.00	51.12 2.29 0.00	52.60 1.79 0.00	54.37 1.97 0.00	48.18 2.60 0.00	39.26 2.50 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.04 2.50 0.00	35.89 1.98 0.00	30.88 1.73 0.00	31.33 1.57 0.00	31.75 1.55 0.00	35.71 1.37 0.00	38.31 1.41 0.00	35.45 1.53 0.00	30.57 1.62 0.00	31.88 1.79 0.00	34.59 1.96 -0.06	40.15 2.46 -0.59	45.95 2.79 -1.19	49.13 3.12 -0.24	48.42 3.03 -1.58	49.08 3.08 -0.96	47.41 2.93 0.00	52.20 2.65 0.00	50.51 2.08 0.00	50.40 1.56 0.00	52.01 1.20 0.00	53.79 1.39 0.00	47.79 2.21 0.00	38.89 2.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.07 2.53 0.00	35.91 2.01 0.00	30.91 1.76 0.00	31.35 1.59 0.00	31.76 1.56 0.00	35.72 1.38 0.00	38.33 1.43 0.00	35.46 1.55 0.00	30.58 1.63 0.00	31.89 1.80 0.00	34.59 1.96 -0.06	40.17 2.48 -0.59	45.97 2.80 -1.19	49.13 3.13 -0.24	48.43 3.03 -1.58	49.08 3.09 -0.96	47.43 2.95 0.00	52.22 2.68 0.00	50.52 2.10 0.00	50.41 1.58 0.00	52.04 1.23 0.00	53.82 1.42 0.00	47.82 2.24 0.00	38.91 2.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.01 2.47 0.00	35.87 1.96 0.00	30.86 1.71 0.00	31.31 1.55 0.00	31.73 1.53 0.00	35.68 1.34 0.00	38.28 1.38 0.00	35.43 1.51 0.00	30.55 1.60 0.00	31.86 1.77 0.00	34.56 1.93 -0.06	40.13 2.44 -0.59	45.92 2.76 -1.19	49.09 3.08 -0.24	48.39 2.99 -1.58	49.04 3.04 -0.96	47.38 2.91 0.00	52.17 2.62 0.00	50.47 2.04 0.00	50.35 1.52 0.00	51.96 1.15 0.00	53.74 1.35 0.00	47.75 2.17 0.00	38.86 2.09 0.00
FARRAGUT___LBMP 323566	39.98 2.44 0.00	35.84 1.93 0.00	30.85 1.70 0.00	31.29 1.53 0.00	31.71 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.39 1.48 0.00	30.52 1.57 0.00	31.82 1.73 0.00	34.52 1.89 -0.06	40.09 2.40 -0.59	45.86 2.70 -1.19	49.03 3.03 -0.24	48.34 2.94 -1.58	48.99 2.99 -0.96	47.32 2.84 0.00	52.10 2.55 0.00	50.42 1.99 0.00	50.30 1.47 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.72 2.13 0.00	38.83 2.06 0.00
FENNER___WINDPWR 24204	38.72 1.18 0.00	34.98 1.07 0.00	30.04 0.89 0.00	30.65 0.89 0.00	31.14 0.94 0.00	35.43 1.09 0.00	38.06 1.16 0.00	34.80 0.88 0.00	29.47 0.53 0.00	30.57 0.47 0.00	33.11 0.54 0.00	37.73 0.62 0.00	42.64 0.66 0.00	46.49 0.73 0.00	44.53 0.70 0.00	45.84 0.81 0.00	45.31 0.84 0.00	50.76 1.21 0.00	49.84 1.41 0.00	50.63 1.80 0.00	52.88 2.07 0.00	54.50 2.10 0.00	47.43 1.84 0.00	38.10 1.34 0.00
FIBERTEK___ENERGY 23856	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.01 -0.19 0.00	34.10 -0.25 0.00	36.52 -0.38 0.00	33.45 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.44 -0.39 0.00	44.66 -0.37 0.00	44.20 -0.27 0.00	49.33 -0.22 0.00	48.32 -0.11 0.00	48.75 -0.08 0.00	50.69 -0.12 0.00	52.24 -0.15 0.00	45.62 0.04 0.00	36.78 0.01 0.00
FITZPATRICK___ 23598	36.41 -1.13 0.00	32.91 -1.00 0.00	28.26 -0.89 0.00	28.84 -0.92 0.00	29.30 -0.90 0.00	33.28 -1.06 0.00	35.66 -1.24 0.00	32.73 -1.18 0.00	27.93 -1.02 0.00	29.04 -1.06 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.58 -1.40 0.00	44.17 -1.58 0.00	42.38 -1.45 0.00	43.55 -1.48 0.00	43.05 -1.42 0.00	48.04 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.43 0.00	49.30 -1.51 0.00	50.83 -1.57 0.00	44.38 -1.20 0.00	35.79 -0.97 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.83 2.29 0.00	35.75 1.84 0.00	30.76 1.61 0.00	31.27 1.51 0.00	31.70 1.49 0.00	35.71 1.37 0.00	38.27 1.37 0.00	35.32 1.41 0.00	30.31 1.37 0.00	31.52 1.42 0.00	34.13 1.51 -0.05	39.49 1.91 -0.48	45.12 2.18 -0.96	48.47 2.51 -0.20	47.55 2.45 -1.28	48.37 2.56 -0.78	46.97 2.50 0.00	52.01 2.47 0.00	50.60 2.17 0.00	50.69 1.86 0.00	52.40 1.59 0.00	54.05 1.66 0.00	47.69 2.11 0.00	38.69 1.93 0.00
FORT ORANGE___ 23900	38.45 0.91 0.00	34.85 0.94 0.00	30.06 0.91 0.00	30.65 0.88 0.00	31.08 0.88 0.00	35.12 0.78 0.00	37.54 0.64 0.00	34.42 0.51 0.00	29.18 0.23 0.00	30.18 0.08 0.00	32.41 -0.12 0.04	36.53 -0.15 0.43	40.79 -0.32 0.87	45.21 -0.37 0.18	42.30 -0.37 1.15	44.00 -0.32 0.71	44.03 -0.44 0.00	47.24 -0.52 1.78	47.97 -0.46 0.00	48.53 -0.30 0.00	50.56 -0.25 0.00	52.08 -0.32 0.00	44.27 -0.05 1.26	37.04 0.28 0.00
FORT_DRUM_COGEN 23780	39.09 1.54 0.00	35.39 1.48 0.00	30.37 1.22 0.00	31.03 1.27 0.00	31.62 1.41 0.00	36.09 1.75 0.00	38.77 1.87 0.00	35.29 1.37 0.00	29.64 0.70 0.00	30.66 0.56 0.00	33.10 0.53 0.00	37.54 0.44 0.00	42.35 0.37 0.00	45.92 0.15 0.00	43.90 0.07 0.00	45.16 0.13 0.00	44.47 -0.01 0.00	50.15 0.60 0.00	49.44 1.01 0.00	50.91 2.08 0.00	54.15 3.34 0.00	56.37 3.98 0.00	48.77 3.19 0.00	38.93 2.17 0.00
FOX_HILLS___ESR 323835	40.15 2.61 0.00	36.00 2.10 0.00	31.00 1.85 0.00	31.36 1.60 0.00	31.79 1.59 0.00	35.79 1.45 0.00	38.38 1.48 0.00	35.51 1.60 0.00	30.55 1.60 0.00	31.79 1.70 0.00	34.53 1.89 -0.06	40.17 2.48 -0.59	45.94 2.78 -1.19	49.05 3.04 -0.24	48.43 3.03 -1.58	49.10 3.10 -0.96	47.54 3.07 0.00	52.09 2.54 0.00	50.40 1.97 0.00	50.25 1.41 0.00	51.61 0.80 0.00	53.42 1.02 0.00	47.80 2.21 0.00	38.85 2.08 0.00
FPL_FAR_ROCK_GT1 24212	40.86 3.32 0.00	36.43 2.52 0.00	31.33 2.17 0.00	31.77 2.00 0.00	32.12 1.92 0.00	36.13 1.79 0.00	38.76 1.86 0.00	35.76 1.85 0.00	30.88 1.93 0.00	32.28 2.18 0.00	35.21 2.57 -0.06	40.95 3.25 -0.59	46.84 3.67 -1.19	50.70 4.13 -0.81	49.49 3.92 -1.74	49.67 3.68 -0.96	47.82 3.35 0.00	52.79 3.24 0.00	51.26 2.83 0.00	51.12 2.29 0.00	52.61 1.80 0.00	54.37 1.97 0.00	48.18 2.60 0.00	39.26 2.50 0.00
FPL_FAR_ROCK_GT2 23815	40.86 3.32 0.00	36.43 2.52 0.00	31.33 2.17 0.00	31.77 2.00 0.00	32.12 1.92 0.00	36.13 1.79 0.00	38.76 1.86 0.00	35.76 1.85 0.00	30.88 1.93 0.00	32.28 2.18 0.00	35.21 2.57 -0.06	40.95 3.25 -0.59	46.84 3.67 -1.19	50.70 4.13 -0.81	49.49 3.92 -1.74	49.67 3.68 -0.96	47.82 3.35 0.00	52.79 3.24 0.00	51.26 2.83 0.00	51.12 2.29 0.00	52.61 1.80 0.00	54.37 1.97 0.00	48.18 2.60 0.00	39.26 2.50 0.00
FRANKLIN_FALL_HYD 24054	38.32 0.78 0.00	34.54 0.63 0.00	29.64 0.48 0.00	30.29 0.53 0.00	30.78 0.58 0.00	35.24 0.90 0.00	38.01 1.11 0.00	34.99 1.08 0.00	29.86 0.91 0.00	31.08 0.99 0.00	33.66 1.09 0.00	38.08 0.98 0.00	43.08 1.11 0.00	47.02 1.26 0.00	44.88 1.05 0.00	45.97 0.94 0.00	45.46 0.98 0.00	50.85 1.31 0.00	49.87 1.45 0.00	50.47 1.64 0.00	52.90 2.09 0.00	54.79 2.39 0.00	46.88 1.30 0.00	37.34 0.58 0.00





GILBOA____ 23599	38.37 0.83 0.00	34.82 0.91 0.00	30.21 1.06 0.00	30.79 1.02 0.00	31.22 1.02 0.00	35.24 0.90 0.00	37.50 0.60 0.00	34.36 0.45 0.00	29.26 0.31 0.00	30.38 0.28 0.00	32.84 0.26 -0.01	37.56 0.36 -0.09	42.58 0.40 -0.19	46.27 0.47 -0.04	44.53 0.44 -0.26	45.66 0.47 -0.16	44.87 0.40 0.00	49.84 0.30 0.00	48.54 0.11 0.00	48.87 0.04 0.00	50.85 0.04 0.00	52.48 0.08 0.00	46.05 0.47 0.00	37.32 0.56 0.00
GINNA____ 23603	35.50 -2.04 0.00	32.16 -1.75 0.00	27.46 -1.69 0.00	28.06 -1.70 0.00	28.57 -1.63 0.00	32.57 -1.77 0.00	34.68 -2.22 0.00	31.87 -2.05 0.00	27.28 -1.66 0.00	28.50 -1.60 0.00	31.00 -1.58 0.00	35.38 -1.73 0.00	40.09 -1.88 0.00	43.72 -2.04 0.00	41.85 -1.98 0.00	42.89 -2.14 0.00	42.56 -1.91 0.00	47.65 -1.90 0.00	46.73 -1.70 0.00	47.11 -1.72 0.00	48.89 -1.92 0.00	50.37 -2.03 0.00	44.18 -1.40 0.00	35.44 -1.33 0.00
GLEN PARK____ 23778	39.25 1.71 0.00	35.54 1.64 0.00	30.49 1.34 0.00	31.14 1.38 0.00	31.74 1.54 0.00	36.23 1.89 0.00	38.92 2.02 0.00	35.38 1.47 0.00	29.70 0.76 0.00	30.71 0.61 0.00	33.15 0.57 0.00	37.58 0.47 0.00	42.34 0.37 0.00	45.86 0.10 0.00	43.84 0.01 0.00	45.11 0.07 0.00	44.38 -0.09 0.00	50.13 0.59 0.00	49.42 0.99 0.00	50.96 2.13 0.00	54.41 3.60 0.00	56.68 4.29 0.00	49.07 3.49 0.00	39.14 2.38 0.00
GLENDALE_27_KV_LOAD 356172	40.25 2.71 0.00	36.06 2.16 0.00	31.08 1.93 0.00	31.46 1.70 0.00	31.90 1.70 0.00	35.87 1.53 0.00	38.50 1.60 0.00	35.67 1.76 0.00	30.77 1.83 0.00	32.05 1.96 0.00	34.79 2.16 -0.06	40.42 2.73 -0.59	46.21 3.05 -1.19	49.37 3.37 -0.24	48.71 3.30 -1.58	49.36 3.36 -0.96	47.74 3.26 0.00	52.33 2.79 0.00	50.57 2.14 0.00	50.43 1.60 0.00	51.92 1.11 0.00	53.73 1.34 0.00	47.93 2.35 0.00	38.99 2.23 0.00
GLENWOOD_IC_1_G5 23712	40.23 2.68 0.00	35.96 2.05 0.00	30.95 1.80 0.00	31.39 1.63 0.00	31.78 1.58 0.00	35.75 1.41 0.00	38.33 1.42 0.00	35.39 1.48 0.00	30.54 1.60 0.00	31.89 1.80 0.00	34.75 2.12 -0.06	40.37 2.68 -0.59	46.17 3.00 -1.19	49.98 3.41 -0.81	48.84 3.27 -1.74	49.16 3.17 -0.96	47.34 2.87 0.00	51.89 2.34 0.00	50.28 1.85 0.00	50.17 1.34 0.00	51.75 0.93 0.00	53.79 1.40 0.00	47.65 2.06 0.00	38.82 2.06 0.00
GLENWOOD_IC_2_G1 23688	40.02 2.48 0.00	35.82 1.91 0.00	30.83 1.68 0.00	31.28 1.52 0.00	31.68 1.47 0.00	35.62 1.28 0.00	38.21 1.31 0.00	35.29 1.37 0.00	30.41 1.46 0.00	31.72 1.63 0.00	34.52 1.89 -0.06	40.09 2.40 -0.59	45.85 2.69 -1.19	49.61 3.03 -0.81	48.48 2.91 -1.74	48.85 2.86 -0.96	47.10 2.62 0.00	51.90 2.35 0.00	50.34 1.91 0.00	50.25 1.42 0.00	51.85 1.04 0.00	53.63 1.23 0.00	47.51 1.93 0.00	38.69 1.93 0.00
GLENWOOD_IC_3_G1 23689	40.02 2.48 0.00	35.82 1.91 0.00	30.83 1.68 0.00	31.28 1.52 0.00	31.68 1.47 0.00	35.62 1.28 0.00	38.21 1.31 0.00	35.29 1.37 0.00	30.41 1.46 0.00	31.72 1.63 0.00	34.52 1.89 -0.06	40.09 2.40 -0.59	45.85 2.69 -1.19	49.61 3.03 -0.81	48.48 2.91 -1.74	48.85 2.86 -0.96	47.10 2.62 0.00	51.90 2.35 0.00	50.34 1.91 0.00	50.25 1.42 0.00	51.85 1.04 0.00	53.63 1.23 0.00	47.51 1.93 0.00	38.69 1.93 0.00
GLENWOOD____4 23550	40.23 2.68 0.00	35.96 2.05 0.00	30.95 1.80 0.00	31.39 1.63 0.00	31.78 1.58 0.00	35.75 1.41 0.00	38.33 1.42 0.00	35.39 1.48 0.00	30.54 1.60 0.00	31.89 1.80 0.00	34.75 2.12 -0.06	40.37 2.68 -0.59	46.17 3.00 -1.19	49.98 3.41 -0.81	48.84 3.27 -1.74	49.16 3.17 -0.96	47.35 2.87 0.00	52.00 2.45 0.00	50.40 1.97 0.00	50.29 1.46 0.00	51.85 1.04 0.00	53.79 1.40 0.00	47.65 2.06 0.00	38.82 2.06 0.00
GLENWOOD____5 23614	40.23 2.68 0.00	35.96 2.05 0.00	30.95 1.80 0.00	31.39 1.63 0.00	31.78 1.58 0.00	35.75 1.41 0.00	38.33 1.42 0.00	35.39 1.48 0.00	30.54 1.60 0.00	31.89 1.80 0.00	34.75 2.12 -0.06	40.37 2.68 -0.59	46.17 3.00 -1.19	49.98 3.41 -0.81	48.84 3.27 -1.74	49.16 3.17 -0.96	47.35 2.87 0.00	52.00 2.45 0.00	50.40 1.97 0.00	50.29 1.46 0.00	51.85 1.04 0.00	53.79 1.40 0.00	47.65 2.06 0.00	38.82 2.06 0.00
GLOBAL GREEN_PORT_GT1 23814	42.17 4.63 0.00	37.23 3.32 0.00	32.20 3.05 0.00	32.67 2.91 0.00	32.79 2.59 0.00	36.73 2.39 0.00	39.42 2.52 0.00	36.28 2.37 0.00	31.47 2.53 0.00	33.00 2.90 0.00	36.17 3.54 -0.06	42.13 4.43 -0.58	48.11 4.95 -1.18	52.33 5.75 -0.81	51.21 5.64 -1.74	51.34 5.34 -0.96	49.24 4.77 0.00	54.55 5.00 0.00	53.41 4.60 -0.38	52.66 3.82 0.00	53.77 2.96 0.00	55.53 3.14 0.00	49.09 3.50 0.00	39.93 3.16 0.00
GLOBE____DSASP 323697	35.30 -2.24 0.00	32.38 -1.53 0.00	27.35 -1.81 0.00	28.11 -1.65 0.00	28.76 -1.45 0.00	32.86 -1.48 0.00	34.35 -2.56 0.00	31.49 -2.43 0.00	27.24 -1.71 0.00	28.71 -1.39 0.00	31.47 -1.11 0.00	35.67 -1.44 0.00	40.43 -1.55 0.00	44.02 -1.73 0.00	42.05 -1.77 0.00	43.02 -2.01 0.00	42.78 -1.69 0.00	47.96 -1.58 0.00	46.83 -1.60 0.00	46.87 -1.96 0.00	48.70 -2.12 0.00	50.39 -2.01 0.00	45.08 -0.51 0.00	36.06 -0.70 0.00
GOETHSLN____LBMP 323567	39.82 2.28 0.00	35.69 1.78 0.00	30.71 1.56 0.00	31.14 1.38 0.00	31.56 1.36 0.00	35.50 1.16 0.00	38.08 1.17 0.00	35.22 1.31 0.00	30.36 1.42 0.00	31.68 1.58 0.00	34.36 1.73 -0.06	39.93 2.23 -0.59	45.70 2.53 -1.19	48.83 2.83 -0.24	48.14 2.73 -1.58	48.80 2.81 -0.96	47.15 2.68 0.00	51.91 2.36 0.00	50.20 1.78 0.00	50.06 1.23 0.00	51.65 0.84 0.00	53.44 1.04 0.00	47.55 1.96 0.00	38.71 1.95 0.00
GOLAH____69_KV_TB 1_2 80279	37.31 -0.23 0.00	33.85 -0.05 0.00	28.81 -0.34 0.00	29.50 -0.26 0.00	30.07 -0.14 0.00	34.30 -0.04 0.00	36.37 -0.53 0.00	33.35 -0.56 0.00	28.55 -0.39 0.00	29.85 -0.24 0.00	32.50 -0.08 0.00	37.10 -0.01 0.00	42.04 0.06 0.00	45.82 0.06 0.00	43.86 0.03 0.00	45.01 -0.03 0.00	44.67 0.20 0.00	50.01 0.46 0.00	49.02 0.59 0.00	49.45 0.62 0.00	51.48 0.67 0.00	53.12 0.72 0.00	46.77 1.19 0.00	37.46 0.70 0.00
GOODYEAR_LAKE_HYD 323669	38.66 1.12 0.00	34.97 1.06 0.00	30.14 0.98 0.00	30.70 0.94 0.00	31.19 0.99 0.00	35.37 1.02 0.00	37.82 0.91 0.00	34.74 0.82 0.00	29.70 0.75 0.00	30.96 0.86 0.00	33.59 1.02 0.00	38.36 1.25 0.00	43.49 1.52 0.00	47.48 1.72 0.00	45.47 1.64 0.00	46.70 1.67 0.00	46.20 1.72 0.00	51.41 1.86 0.00	50.23 1.80 0.00	50.68 1.85 0.00	52.59 1.78 0.00	54.25 1.85 0.00	47.48 1.90 0.00	38.21 1.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.59 0.05 0.00	34.03 0.12 0.00	29.21 0.06 0.00	29.76 0.00 0.00	30.33 0.12 0.00	34.33 -0.01 0.00	36.71 -0.19 0.00	33.63 -0.28 0.00	28.74 -0.20 0.00	29.89 -0.21 0.00	32.42 -0.16 0.00	36.97 -0.13 0.00	41.96 -0.02 0.00	45.68 -0.08 0.00	43.83 0.00 0.00	45.04 0.01 0.00	44.56 0.08 0.00	49.64 0.09 0.00	48.54 0.11 0.00	48.94 0.11 0.00	50.85 0.04 0.00	52.51 0.11 0.00	46.07 0.48 0.00	37.14 0.37 0.00

GOUDEY___7 23579	37.59 0.05 0.00	34.03 0.12 0.00	29.21 0.06 0.00	29.76 0.00 0.00	30.33 0.12 0.00	34.33 -0.01 0.00	36.71 -0.19 0.00	33.63 -0.28 0.00	28.74 -0.20 0.00	29.89 -0.21 0.00	32.42 -0.16 0.00	36.97 -0.13 0.00	41.96 -0.02 0.00	45.68 -0.08 0.00	43.83 0.00 0.00	45.04 0.01 0.00	44.56 0.08 0.00	49.64 0.09 0.00	48.54 0.11 0.00	48.94 0.11 0.00	50.85 0.04 0.00	52.51 0.11 0.00	46.07 0.48 0.00	37.14 0.37 0.00
GOUDEY___8 23580	37.59 0.05 0.00	34.03 0.12 0.00	29.21 0.06 0.00	29.76 0.00 0.00	30.33 0.12 0.00	34.33 -0.01 0.00	36.71 -0.19 0.00	33.63 -0.28 0.00	28.74 -0.20 0.00	29.89 -0.21 0.00	32.42 -0.16 0.00	36.97 -0.13 0.00	41.96 -0.02 0.00	45.68 -0.08 0.00	43.83 0.00 0.00	45.04 0.01 0.00	44.56 0.08 0.00	49.64 0.09 0.00	48.54 0.11 0.00	48.94 0.11 0.00	50.85 0.04 0.00	52.51 0.11 0.00	46.07 0.48 0.00	37.14 0.37 0.00
GOWANUS_GT1_1 24077	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT1_2 24078	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT1_3 24079	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT1_4 24080	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT1_5 24084	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT1_6 24111	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.0																

GOWANUS_GT2_6 24119	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> <span>0.00</span>	30.62 <span>1.67</span> <span>-0.01</span>	31.89 <span>1.79</span> <span>0.00</span>	34.63 <span>2.00</span> <span>-0.06</span>	40.27 <span>2.57</span> <span>-0.59</span>	46.06 <span>2.90</span> <span>-1.19</span>	49.18 <span>3.17</span> <span>-0.24</span>	48.53 <span>3.13</span> <span>-1.58</span>	49.23 <span>3.23</span> <span>-0.96</span>	47.64 <span>3.16</span> <span>0.00</span>	52.20 <span>2.66</span> <span>0.00</span>	50.49 <span>2.06</span> <span>0.00</span>	50.40 <span>1.57</span> <span>0.00</span>	51.84 <span>1.03</span> <span>0.00</span>	53.64 <span>1.25</span> <span>0.00</span>	47.92 <span>2.33</span> <span>0.00</span>	38.94 <span>2.18</span> <span>0.00</span>
GOWANUS_GT2_7 24120	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> <span>0.00</span>	30.62 <span>1.67</span> <span>-0.01</span>	31.89 <span>1.79</span> <span>0.00</span>	34.63 <span>2.00</span> <span>-0.06</span>	40.27 <span>2.57</span> <span>-0.59</span>	46.06 <span>2.90</span> <span>-1.19</span>	49.18 <span>3.17</span> <span>-0.24</span>	48.53 <span>3.13</span> <span>-1.58</span>	49.23 <span>3.23</span> <span>-0.96</span>	47.64 <span>3.16</span> <span>0.00</span>	52.20 <span>2.66</span> <span>0.00</span>	50.49 <span>2.06</span> <span>0.00</span>	50.40 <span>1.57</span> <span>0.00</span>	51.84 <span>1.03</span> <span>0.00</span>	53.64 <span>1.25</span> <span>0.00</span>	47.92 <span>2.33</span> <span>0.00</span>	38.94 <span>2.18</span> <span>0.00</span>
GOWANUS_GT2_8 24121	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> <span>0.00</span>	30.62 <span>1.67</span> <span>-0.01</span>	31.89 <span>1.79</span> <span>0.00</span>	34.63 <span>2.00</span> <span>-0.06</span>	40.27 <span>2.57</span> <span>-0.59</span>	46.06 <span>2.90</span> <span>-1.19</span>	49.18 <span>3.17</span> <span>-0.24</span>	48.53 <span>3.13</span> <span>-1.58</span>	49.23 <span>3.23</span> <span>-0.96</span>	47.64 <span>3.16</span> <span>0.00</span>	52.20 <span>2.66</span> <span>0.00</span>	50.49 <span>2.06</span> <span>0.00</span>	50.40 <span>1.57</span> <span>0.00</span>	51.84 <span>1.03</span> <span>0.00</span>	53.64 <span>1.25</span> <span>0.00</span>	47.92 <span>2.33</span> <span>0.00</span>	38.94 <span>2.18</span> <span>0.00</span>
GOWANUS_GT3_1 24122	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> <span>0.00</span>	30.62 <span>1.67</span> <span>-0.01</span>	31.89 <span>1.79</span> <span>0.00</span>	34.63 <span>2.00</span> <span>-0.06</span>	40.27 <span>2.57</span> <span>-0.59</span>	46.06 <span>2.90</span> <span>-1.19</span>	49.18 <span>3.17</span> <span>-0.24</span>	48.53 <span>3.13</span> <span>-1.58</span>	49.23 <span>3.23</span> <span>-0.96</span>	47.64 <span>3.16</span> <span>0.00</span>	52.20 <span>2.66</span> <span>0.00</span>	50.49 <span>2.06</span> <span>0.00</span>	50.40 <span>1.57</span> <span>0.00</span>	51.84 <span>1.03</span> <span>0.00</span>	53.64 <span>1.25</span> <span>0.00</span>	47.92 <span>2.33</span> <span>0.00</span>	38.94 <span>2.18</span> <span>0.00</span>
GOWANUS_GT3_2 24123	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> <span>0.00</span>	30.62 <span>1.67</span> <span>-0.01</span>	31.89 <span>1.79</span> <span>0.00</span>	34.63 <span>2.00</span> <span>-0.06</span>	40.27 <span>2.57</span> <span>-0.59</span>	46.06 <span>2.90</span> <span>-1.19</span>	49.18 <span>3.17</span> <span>-0.24</span>	48.53 <span>3.13</span> <span>-1.58</span>	49.23 <span>3.23</span> <span>-0.96</span>	47.64 <span>3.16</span> <span>0.00</span>	52.20 <span>2.66</span> <span>0.00</span>	50.49 <span>2.06</span> <span>0.00</span>	50.40 <span>1.57</span> <span>0.00</span>	51.84 <span>1.03</span> <span>0.00</span>	53.64 <span>1.25</span> <span>0.00</span>	47.92 <span>2.33</span> <span>0.00</span>	38.94 <span>2.18</span> <span>0.00</span>
GOWANUS_GT3_3 24124	40.19 <span>2.65</span> <span>0.00</span>	36.02 <span>2.11</span> <span>0.00</span>	31.02 <span>1.87</span> <span>0.00</span>	31.38 <span>1.62</span> <span>0.00</span>	31.82 <span>1.62</span> <span>0.00</span>	35.81 <span>1.47</span> <span>0.00</span>	38.42 <span>1.52</span> <span>0.00</span>	35.57 <span>1.66</span> 																

GOWANUS_GT4_5 24134	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT4_6 24135	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT4_7 24136	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GOWANUS_GT4_8 24137	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GREATVR_69_KV_BK1 356245	41.16 3.62 0.00	36.53 2.62 0.00	31.47 2.32 0.00	31.90 2.14 0.00	32.22 2.02 0.00	36.16 1.82 0.00	38.80 1.89 0.00	35.71 1.79 0.00	30.87 1.93 0.00	32.29 2.19 0.00	35.33 2.70 -0.06	41.16 3.46 -0.59	47.09 3.93 -1.19	51.07 4.50 -0.81	49.85 4.29 -1.74	49.91 3.91 -0.96	47.90 3.43 0.00	52.84 3.30 0.00	51.99 2.90 -0.66	51.15 2.31 -0.01	52.53 1.72 0.00	54.16 1.76 0.00	48.02 2.44 0.00	39.19 2.43 0.00
GREENBSH_115KV_TB3 55895	38.25 0.71 0.00	34.68 0.77 0.00	29.92 0.76 0.00	30.50 0.74 0.00	30.93 0.73 0.00	34.94 0.60 0.00	37.34 0.44 0.00	34.26 0.35 0.00	29.08 0.13 0.00	30.10 0.00 0.05	32.34 -0.19 0.46	36.43 -0.22 0.93	40.65 -0.40 0.19	45.14 -0.43 1.23	42.16 -0.44 0.75	43.87 -0.41 0.00	43.96 -0.52 0.00	48.91 -0.64 0.00	47.79 -0.74 0.00	48.26 -0.57 0.00	50.22 -0.60 0.00	51.73 -0.66 0.00	45.25 -0.33 0.00	36.86 0.10 0.00
GREENDGE_115KV_TB5 80291	37.52 -0.02 0.00	33.99 0.08 0.00	29.03 -0.12 0.00	29.59 -0.17 0.00	30.20 -0.01 0.00	34.31 -0.03 0.00	36.64 -0.26 0.00	33.53 -0.39 0.00	28.58 -0.37 0.00	29.65 -0.45 0.00	32.12 -0.45 0.00	36.62 -0.49 0.00	41.67 -0.31 0.00	45.37 -0.39 0.00	43.42 -0.41 0.00	44.69 -0.34 0.00	44.39 -0.09 0.00	49.57 0.03 0.00	48.68 0.25 0.00	49.21 0.38 0.00	51.23 0.42 0.00	52.76 0.36 0.00	46.58 1.00 0.00	37.45 0.69 0.00
GREENIDGE___3 23582	37.52 -0.02 0.00	33.99 0.08 0.00	29.03 -0.12 0.00	29.59 -0.17 0.00	30.20 -0.01 0.00	34.31 -0.03 0.00	36.64 -0.26 0.00	33.53 -0.39 0.00	28.58 -0.37 0.00	29.65 -0.45 0.00	32.12 -0.45 0.00	36.62 -0.49 0.00	41.67 -0.31 0.00	45.37 -0.39 0.00	43.42 -0.41 0.00	44.69 -0.34 0.00	44.39 -0.09 0.00	49.57 0.03 0.00	48.68 0.25 0.00	49.21 0.38 0.00	51.23 0.42 0.00	52.76 0.36 0.00	46.58 1.00 0.00	37.45 0.69 0.00
GREENIDGE___4 23583	37.52 -0.02 0.00	33.99 0.08 0.00	29.03 -0.13 0.00	29.59 -0.16 0.00	30.20 -0.01 0.00	34.32 -0.02 0.00	36.64 -0.26 0.00	33.53 -0.39 0.00	28.58 -0.37 0.00	29.65 -0.45 0.00	32.13 -0.45 0.00	36.62 -0.48 0.00	41.67 -0.31 0.00	45.38 -0.38 0.00	43.43 -0.40 0.00	44.69 -0.34 0.00	44.38 -0.09 0.00	49.58 0.03 0.00	48.67 0.24 0.00	49.22 0.39 0.00	51.23 0.42 0.00	52.75 0.35 0.00	46.58 1.00 0.00	37.45 0.69 0.00
GREENLWN_69_KV_BK 3 55738	40.15 2.61 0.00	35.75 1.84 0.00	30.80 1.64 0.00	31.23 1.47 0.00	31.55 1.35 0.00	35.44 1.10 0.00	37.99 1.09 0.00	34.94 1.03 0.00	30.18 1.23 0.00	31.58 1.48 0.00	34.57 1.94 -0.06	40.22 2.53 -0.59	46.02 2.86 -1.19	49.86 3.29 -0.81	48.70 3.14 -1.74	48.59 2.59 -0.96	46.40 1.93 0.00	50.97 1.42 0.00	49.36 0.99 0.07	49.27 0.45 0.00	50.66 -0.15 0.00	52.34 -0.05 0.00	46.55 0.97 0.00	38.20 1.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00
GRISSOM___SOLAR 323813	39.46 1.92 0.00	35.63 1.73 0.00	30.66 1.50 0.00	31.26 1.50 0.00	31.73 1.53 0.00	36.07 1.73 0.00	38.50 1.60 0.00	34.81 0.89 0.00	29.17 0.22 0.00	30.14 0.04 0.04	32.56 0.02 0.35	36.89 0.13 0.71	41.54 0.27 0.14	45.99 0.38 0.14	43.23 0.34 0.94	44.73 0.27 0.57	44.50 0.02 0.00	49.89 0.35 0.00	49.54 1.11 0.00	51.18 2.35 0.00	53.84 3.03 0.00	55.55 3.15 0.00	48.39 2.80 0.00	38.89 2.12 0.00
GROVEVILLE___HYD 323602	39.83 2.29 0.00	35.75 1.84 0.00	30.76 1.61 0.00	31.27 1.51 0.00	31.70 1.49 0.00	35.71 1.37 0.00	38.27 1.37 0.00	35.32 1.41 0.00	30.31 1.37 0.00	31.52 1.42 0.00	34.13 1.51 -0.05	39.49 1.91 -0.48	45.12 2.18 -0.96	48.47 2.51 -0.20	47.55 2.45 -1.28	48.37 2.56 -0.78	46.97 2.50 0.00	52.01 2.47 0.00	50.60 2.17 0.00	50.69 1.86 0.00	52.40 1.59 0.00	54.05 1.66 0.00	47.69 2.11 0.00	38.69 1.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.01 -0.19 0.00	34.10 -0.25 0.00	36.52 -0.38 0.00	33.45 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.44 -0.39 0.00	44.66 -0.37 0.00	44.20 -0.27 0.00	49.33 -0.22 0.00	48.32 -0.11 0.00	48.75 -0.08 0.00	50.69 -0.12 0.00	52.24 -0.15 0.00	45.62 0.04 0.00	36.78 0.01 0.00
HAMLTNNY_34_KV_TB 80303	37.39 -0.15 0.00	33.81 -0.10 0.00	28.99 -0.16 0.00	29.58 -0.19 0.00	30.08 -0.12 0.00	34.19 -0.15 0.00	36.59 -0.31 0.00	33.46 -0.46 0.00	28.54 -0.40 0.00	29.67 -0.42 0.00	32.19 -0.39 0.00	36.79 -0.32 0.00	41.72 -0.26 0.00	45.41 -0.35 0.00	43.63 -0.20 0.00	44.80 -0.23 0.00	44.40 -0.07 0.00	49.55 0.00 0.00	48.53 0.10 0.00	48.96 0.13 0.00	50.95 0.14 0.00	52.49 0.09 0.00	45.95 0.36 0.00	37.05 0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	38.45 0.91 0.00	34.75 0.85 0.00	29.82 0.67 0.00	30.48 0.72 0.00	31.00 0.80 0.00	35.44 1.10 0.00	38.17 1.27 0.00	34.95 1.04 0.00	29.57 0.63 0.00	30.69 0.59 0.00	33.18 0.61 0.00	37.60 0.49 0.00	42.49 0.52 0.00	46.25 0.49 0.00	44.16 0.33 0.00	45.24 0.21 0.00	44.55 0.08 0.00	50.00 0.45 0.00	49.17 0.74 0.00	50.14 1.31 0.00	52.90 2.09 0.00	55.02 2.62 0.00	47.38 1.79 0.00	37.81 1.05 0.00
HARDSCRABBLE_WT_PWR 323673	38.03 0.50 0.00	34.40 0.49 0.00	29.74 0.59 0.00	30.35 0.59 0.00	30.80 0.60 0.00	34.86 0.51 0.00	37.24 0.34 0.00	33.84 -0.07 0.00	28.50 -0.44 0.00	29.32 -0.77 0.00	31.60 -0.98 0.00	36.18 -0.93 0.00	40.83 -1.14 0.00	44.57 -1.18 0.00	42.65 -1.18 0.00	43.85 -1.18 0.00	43.21 -1.27 0.00	48.31 -1.24 0.00	47.68 -0.75 0.00	48.73 -0.10 0.00	50.91 0.09 0.00	52.32 -0.07 0.00	45.71 0.13 0.00	37.11 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.60 2.05 0.00	35.55 1.64 0.00	30.56 1.42 0.00	31.05 1.29 0.00	31.48 1.28 0.00	35.48 1.14 0.00	38.01 1.11 0.00	35.08 1.17 0.00	30.14 1.19 0.00	31.43 1.33 0.00	34.08 1.46 -0.05	39.52 1.90 -0.51	45.18 2.16 -1.04	48.43 2.46 -0.21	47.60 2.39 -1.38	48.38 2.50 -0.85	46.86 2.39 0.00	51.86 2.31 0.00	50.39 1.96 0.00	50.40 1.56 0.00	52.08 1.27 0.00	53.76 1.36 0.00	47.53 1.95 0.00	38.58 1.81 0.00
HARSNRAD_115KV_TB1 81005	36.08 -1.46 0.00	32.94 -0.97 0.00	27.84 -1.31 0.00	28.62 -1.15 0.00	29.23 -0.97 0.00	33.43 -0.91 0.00	34.93 -1.97 0.00	31.94 -1.97 0.00	27.57 -1.38 0.00	29.01 -1.08 0.00	31.78 -0.80 0.00	36.05 -1.05 0.00	40.91 -1.07 0.00	44.55 -1.21 0.00	42.58 -1.25 0.00	43.62 -1.41 0.00	43.41 -1.06 0.00	48.68 -0.86 0.00	47.57 -0.86 0.00	47.68 -1.15 0.00	49.62 -1.19 0.00	51.33 -1.07 0.00	45.84 0.25 0.00	36.74 -0.02 0.00
HARZA MOOSE___RIVER 24016	38.74 1.20 0.00	35.02 1.12 0.00	30.08 0.93 0.00	30.72 0.96 0.00	31.22 1.02 0.00	35.57 1.23 0.00	38.22 1.32 0.00	34.94 1.03 0.00	29.54 0.60 0.00	30.60 0.50 0.00	33.10 0.53 0.00	37.66 0.55 0.00	42.56 0.58 0.00	46.32 0.56 0.00	44.31 0.48 0.00	45.55 0.52 0.00	44.96 0.49 0.00	50.44 0.89 0.00	49.64 1.21 0.00	50.60 1.77 0.00	53.11 2.29 0.00	54.93 2.53 0.00	47.67 2.08 0.00	38.21 1.45 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.08 -0.46 0.00	33.51 -0.40 0.00	28.76 -0.39 0.00	29.34 -0.42 0.00	29.82 -0.38 0.00	33.87 -0.47 0.00	36.28 -0.63 0.00	33.25 -0.66 0.00	28.37 -0.57 0.00	29.50 -0.60 0.00	31.99 -0.59 0.00	36.49 -0.62 0.00	41.31 -0.66 0.00	45.00 -0.76 0.00	43.20 -0.63 0.00	44.43 -0.61 0.00	43.93 -0.54 0.00	48.99 -0.55 0.00	47.96 -0.47 0.00	48.40 -0.43 0.00	50.31 -0.50 0.00	51.84 -0.55 0.00	45.32 -0.27 0.00	36.52 -0.24 0.00
HELLGATE_13_KV_LD 55870	40.32 2.78 0.00	36.13 2.22 0.00	31.15 2.00 0.00	31.51 1.75 0.00	31.95 1.75 0.00	35.92 1.58 0.00	38.56 1.66 0.00	35.73 1.81 0.00	30.84 1.89 0.00	32.13 2.03 0.00	34.85 2.22 -0.06	40.49 2.80 -0.59	46.28 3.12 -1.19	49.45 3.45 -0.24	48.78 3.37 -1.58	49.42 3.43 -0.96	47.79 3.32 0.00	52.38 2.84 0.00	50.60 2.18 0.00	50.50 1.66 0.00	51.98 1.17 0.00	53.80 1.40 0.00	48.00 2.42 0.00	39.05 2.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.32 2.78 0.00	36.13 2.22 0.00	31.15 2.00 0.00	31.51 1.75 0.00	31.95 1.75 0.00	35.92 1.58 0.00	38.56 1.66 0.00	35.73 1.81 0.00	30.84 1.89 0.00	32.13 2.03 0.00	34.85 2.22 -0.06	40.49 2.80 -0.59	46.28 3.12 -1.19	49.45 3.45 -0.24	48.78 3.37 -1.58	49.42 3.43 -0.96	47.79 3.32 0.00	52.38 2.84 0.00	50.60 2.18 0.00	50.50 1.66 0.00	51.98 1.17 0.00	53.80 1.40 0.00	48.00 2.42 0.00	39.05 2.29 0.00
HEMPSTEAD____ 23647	40.13 2.59 0.00	35.83 1.92 0.00	30.83 1.68 0.00	31.26 1.50 0.00	31.63 1.43 0.00	35.56 1.22 0.00	38.15 1.25 0.00	35.21 1.29 0.00	30.38 1.44 0.00	31.74 1.64 0.00	34.62 1.99 -0.06	40.25 2.56 -0.59	46.01 2.85 -1.19	49.82 3.25 -0.81	48.66 3.10 -1.74	48.87 2.87 -0.96	46.98 2.51 0.00	51.70 2.15 0.00	50.16 1.73 0.00	50.02 1.19 0.00	51.53 0.71 0.00	53.32 0.92 0.00	47.27 1.69 0.00	38.58 1.81 0.00
HICKLING___1 23621	37.46 -0.08 0.00	33.97 0.06 0.00	29.00 -0.15 0.00	29.53 -0.23 0.00	30.19 -0.01 0.00	34.19 -0.15 0.00	36.49 -0.41 0.00	33.28 -0.64 0.00	28.46 -0.49 0.00	29.61 -0.48 0.00	32.20 -0.37 0.00	36.72 -0.39 0.00	41.82 -0.16 0.00	45.46 -0.30 0.00	43.62 -0.20 0.00	44.84 -0.19 0.00	44.49 0.02 0.00	49.65 0.11 0.00	48.60 0.18 0.00	49.08 0.25 0.00	51.05 0.24 0.00	52.70 0.31 0.00	46.42 0.83 0.00	37.33 0.57 0.00
HICKLING___2 23622	37.46 -0.08 0.00	33.97 0.06 0.00	29.00 -0.15 0.00	29.53 -0.23 0.00	30.19 -0.01 0.00	34.19 -0.15 0.00	36.49 -0.41 0.00	33.28 -0.64 0.00	28.46 -0.49 0.00	29.61 -0.48 0.00	32.20 -0.37 0.00	36.72 -0.39 0.00	41.82 -0.16 0.00	45.46 -0.30 0.00	43.62 -0.20 0.00	44.84 -0.19 0.00	44.49 0.02 0.00	49.65 0.11 0.00	48.60 0.18 0.00	49.08 0.25 0.00	51.05 0.24 0.00	52.70 0.31 0.00	46.42 0.83 0.00	37.33 0.57 0.00
HIGH FALLS___HY 23754	39.57 2.03 0.00	35.49 1.58 0.00	30.53 1.38 0.00	31.01 1.25 0.00	31.43 1.23 0.00	35.41 1.07 0.00	37.95 1.05 0.00	35.06 1.15 0.00	30.16 1.22 0.00	31.38 1.28 0.00	33.93 1.33 -0.03	39.09 1.66 -0.31	44.56 1.95 -0.64	48.27 2.38 -0.13	47.04 2.37 -0.85	47.99 2.44 -0.52	46.98 2.50 0.00	50.10 2.57 2.02	50.77 2.34 0.00	50.84 2.00 0.00	52.50 1.69 0.00	54.18 1.78 0.00	46.40 2.25 1.43	38.74 1.98 0.00
HIGH_RIVER___SOLAR 323847	38.93 1.39 0.00	35.13 1.22 0.00	30.26 1.11 0.00	30.85 1.09 0.00	31.31 1.11 0.00	35.50 1.16 0.00	37.96 1.06 0.00	34.63 0.72 0.00	29.19 0.25 0.00	30.09 -0.01 0.00	32.42 -0.12 0.04	36.77 0.03 0.38	41.22 0.00 0.76	45.60 0.00 0.16	42.77 -0.04 1.01	44.36 -0.05 0.62	44.44 -0.03 0.00	49.76 0.22 0.00	49.17 0.74 0.00	50.19 1.36 0.00	52.49 1.68 0.00	54.14 1.74 0.00	47.25 1.67 0.00	38.11 1.35 0.00
HILLBURN___GT 23639	39.55 2.01 0.00	35.50 1.60 0.00	30.52 1.37 0.00	30.99 1.23 0.00	31.42 1.22 0.00	35.37 1.03 0.00	37.91 1.01 0.00	35.03 1.11 0.00	30.13 1.18 0.00	31.44 1.34 0.00	34.12 1.49 -0.05	39.58 1.94 -0.53	45.25 2.20 -1.08	48.45 2.47 -0.22	47.64 2.38 -1.43	48.39 2.49 -0.87	46.80 2.33 0.00	51.70 2.16 0.00	50.15 1.72 0.00	50.08 1.25 0.00	51.75 0.94 0.00	53.46 1.07 0.00	47.37 1.79 0.00	38.51 1.74 0.00
HILLSIDE_115KV_TB1 80332	37.01 -0.53 0.00	33.56 -0.34 0.00	28.70 -0.45 0.00	29.22 -0.54 0.00	29.88 -0.33 0.00	33.80 -0.54 0.00	36.11 -0.79 0.00	32.98 -0.94 0.00	28.23 -0.72 0.00	29.36 -0.74 0.00	31.89 -0.68 0.00	36.37 -0.74 0.00	41.40 -0.58 0.00	44.99 -0.77 0.00	43.20 -0.62 0.00	44.40 -0.63 0.00	43.97 -0.51 0.00	49.00 -0.55 0.00	47.89 -0.54 0.00	48.30 -0.53 0.00	50.20 -0.61 0.00	51.89 -0.50 0.00	45.68 0.09 0.00	36.78 0.02 0.00

HISHELDN_WT_PWR 323625	36.50 -1.04 0.00	33.27 -0.64 0.00	28.19 -0.96 0.00	28.86 -0.90 0.00	29.48 -0.72 0.00	33.61 -0.73 0.00	35.33 -1.58 0.00	32.06 -1.85 0.00	27.50 -1.45 0.00	28.79 -1.30 0.00	31.47 -1.11 0.00	35.75 -1.35 0.00	40.65 -1.32 0.00	44.31 -1.45 0.00	42.37 -1.46 0.00	43.42 -1.61 0.00	43.64 -0.83 0.00	48.91 -0.64 0.00	47.83 -0.60 0.00	48.06 -0.77 0.00	50.07 -0.74 0.00	51.75 -0.65 0.00	46.06 0.48 0.00	36.98 0.22 0.00
HOLTSVILLE_IC_1 23690	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
HOLTSVILLE_IC_10 23699	40.75 3.21 0.00	36.13 2.22 0.00	31.20 2.05 0.00	31.65 1.89 0.00	31.94 1.74 0.00	35.80 1.45 0.00	38.40 1.50 0.00	35.30 1.38 0.00	30.53 1.59 0.00	31.92 1.83 0.00	34.92 2.29 -0.06	40.66 2.97 -0.58	46.49 3.34 -1.18	50.45 3.88 -0.81	49.33 3.76 -1.74	49.36 3.36 -0.96	47.32 2.84 0.00	52.18 2.63 0.00	51.09 2.27 -0.40	50.52 1.68 -0.01	51.85 1.04 0.00	53.45 1.06 0.00	47.42 1.83 0.00	38.70 1.94 0.00
HOLTSVILLE_IC_2 23691	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
HOLTSVILLE_IC_3 23692	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
HOLTSVILLE_IC_4 23693	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
HOLTSVILLE_IC_5 23694	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
HOLTSVILLE_IC_6 23695	40.75 3.21 0.00	36.13 2.22 0.00	31.20 2.05 0.00	31.65 1.89 0.00	31.94 1.74 0.00	35.80 1.45 0.00	38.40 1.50 0.00	35.30 1.38 0.00	30.53 1.59 0.00	31.92 1.83 0.00	34.92 2.29 -0.06	40.66 2.97 -0.58	46.49 3.34 -1.18	50.45 3.88 -0.81	49.33 3.76 -1.74	49.36 3.36 -0.96	47.32 2.84 0.00	52.18 2.63 0.00	51.09 2.27 -0.40	50.52 1.68 -0.01	51.85 1.04 0.00	53.45 1.06 0.00	47.42 1.83 0.00	38.70 1.94 0.00
HOLTSVILLE_IC_7 23696	40.75 3.21 0.00	36.13 2.22 0.00	31.20 2.05 0.00	31.65 1.89 0.00	31.94 1.74 0.00	35.80 1.45 0.00	38.40 1.50 0.00	35.30 1.38 0.00	30.53 1.59 0.00	31.92 1.83 0.00	34.92 2.29 -0.06	40.66 2.97 -0.58	46.49 3.34 -1.18	50.45 3.88 -0.81	49.33 3.76 -1.74	49.36 3.36 -0.96	47.32 2.84 0.00	52.18 2.63 0.00	51.09 2.27 -0.40	50.52 1.68 -0.01	51.85 1.04 0.00	53.45 1.06 0.00	47.42 1.83 0.00	38.70 1.94 0.00
HOLTSVILLE_IC_8 23697	40.75 3.21 0.00	36.13 2.22 0.00	31.20 2.05 0.00	31.65 1.89 0.00	31.94 1.74 0.00	35.80 1.45 0.00	38.40 1.50 0.00	35.30 1.38 0.00	30.53 1.59 0.00	31.92 1.83 0.00	34.92 2.29 -0.06	40.66 2.97 -0.58	46.49 3.34 -1.18	50.45 3.88 -0.81	49.33 3.76 -1.74	49.36 3.36 -0.96	47.32 2.84 0.00	52.18 2.63 0.00	51.09 2.27 -0.40	50.52 1.68 -0.01	51.85 1.04 0.00	53.45 1.06 0.00	47.42 1.83 0.00	38.70 1.94 0.00
HOLTSVILLE_IC_9 23698	40.75 3.21 0.00	36.13 2.22 0.00	31.20 2.05 0.00	31.65 1.89 0.00	31.94 1.74 0.00	35.80 1.45 0.00	38.40 1.50 0.00	35.30 1.38 0.00	30.53 1.59 0.00	31.92 1.83 0.00	34.92 2.29 -0.06	40.66 2.97 -0.58	46.49 3.34 -1.18	50.45 3.88 -0.81	49.33 3.76 -1.74	49.36 3.36 -0.96	47.32 2.84 0.00	52.18 2.63 0.00	51.09 2.27 -0.40	50.52 1.68 -0.01	51.85 1.04 0.00	53.45 1.06 0.00	47.42 1.83 0.00	38.70 1.94 0.00
HOMER_HL_115KV_TB2 355744	36.86 -0.68 0.00	33.46 -0.45 0.00	28.33 -0.82 0.00	29.00 -0.77 0.00	29.67 -0.53 0.00	33.71 -0.63 0.00	35.64 -1.26 0.00	32.80 -1.11 0.00	28.36 -0.58 0.00	29.82 -0.27 0.00	32.51 -0.06 0.00	36.95 -0.15 0.00	42.04 0.06 0.00	45.74 -0.02 0.00	43.63 -0.20 0.00	44.63 -0.40 0.00	43.77 -0.71 0.00	49.00 -0.55 0.00	47.74 -0.69 0.00	47.85 -0.97 0.00	49.85 -0.96 0.00	51.82 -0.58 0.00	46.28 0.70 0.00	37.11 0.34 0.00
HOWARD_WT_PWR 323690	37.46 -0.08 0.00	34.03 0.12 0.00	28.89 -0.27 0.00	29.43 -0.33 0.00	30.07 -0.13 0.00	34.15 -0.19 0.00	36.25 -0.65 0.00	33.06 -0.85 0.00	28.26 -0.68 0.00	29.41 -0.69 0.00	32.00 -0.58 0.00	36.43 -0.68 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.30 -0.53 0.00	44.42 -0.61 0.00	44.27 -0.20 0.00	49.56 0.02 0.00	48.65 0.22 0.00	49.28 0.45 0.00	51.49 0.67 0.00	53.06 0.66 0.00	46.86 1.28 0.00	37.70 0.93 0.00
HQ_GEN_CEDARS 23644	37.87 0.33 0.00	34.21 0.30 0.00	29.35 0.20 0.00	30.01 0.25 0.00	30.49 0.29 0.00	34.89 0.55 0.00	37.64 0.74 0.00	34.71 0.80 0.00	29.63 0.69 0.00	30.87 0.77 0.00	33.43 0.85 0.00	37.82 0.71 0.00	42.79 0.82 0.00	46.69 0.93 0.00	44.59 0.76 0.00	45.67 0.64 0.00	45.16 0.69 0.00	50.46 0.92 0.00	49.40 0.97 0.00	49.90 1.07 0.00	52.25 1.44 0.00	54.08 1.68 0.00	46.24 0.66 0.00	36.90 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	37.87 0.33 0.00	34.21 0.30 0.00	29.35 0.20 0.00	30.01 0.25 0.00	30.49 0.29 0.00	34.89 0.55 0.00	37.64 0.74 0.00	34.71 0.80 0.00	29.63 0.68 0.00	30.87 0.77 0.00	33.43 0.85 0.00	37.82 0.71 0.00	42.79 0.81 0.00	46.69 0.93 0.00	44.59 0.76 0.00	45.67 0.64 0.00	45.16 0.69 0.00	50.53 0.91 -0.06	49.48 0.97 -0.08	49.90 1.07 0.00	52.25 1.44 0.00	58.38 1.68 -4.31	55.10 0.66 -8.85	35.68 0.13 1.21

HQ_GEN_IMPORT 323601	40.04 -0.14 -2.64	33.98 -0.14 -0.20	28.68 -0.16 0.30	29.64 -0.13 0.00	30.08 -0.12 0.00	34.38 0.04 0.00	37.16 0.26 0.00	34.20 0.29 0.00	29.20 0.26 0.00	30.42 0.32 0.00	32.95 0.38 0.00	37.44 0.33 0.00	42.35 0.38 0.00	46.38 0.42 -0.19	44.20 0.37 0.00	45.78 0.34 -0.40	43.96 0.39 0.90	50.58 0.47 -0.56	48.91 0.48 0.00	49.32 0.49 0.00	51.40 0.59 0.00	53.00 0.61 0.00	43.30 0.09 2.38	36.21 -0.09 0.46
HQ_GEN_WHEEL 23651	40.04 -0.14 -2.64	33.98 -0.14 -0.20	28.68 -0.16 0.30	29.64 -0.13 0.00	30.08 -0.12 0.00	34.38 0.04 0.00	37.16 0.26 0.00	34.20 0.29 0.00	29.20 0.26 0.00	30.42 0.32 0.00	32.95 0.38 0.00	37.44 0.33 0.00	42.35 0.38 0.00	46.38 0.42 -0.19	44.20 0.37 0.00	45.78 0.34 -0.40	43.96 0.39 0.90	50.58 0.47 -0.56	48.91 0.48 0.00	49.32 0.49 0.00	51.40 0.59 0.00	53.00 0.61 0.00	43.30 0.09 2.38	36.21 -0.09 0.46
HUDSON AVE_GT_3 23810	40.06 2.52 0.00	35.90 1.99 0.00	30.89 1.74 0.00	31.34 1.58 0.00	31.76 1.56 0.00	35.71 1.37 0.00	38.32 1.42 0.00	35.46 1.54 0.00	30.58 1.63 0.00	31.89 1.80 0.00	34.60 1.96 -0.06	40.17 2.48 -0.59	45.97 2.80 -1.19	49.14 3.13 -0.24	48.43 3.03 -1.58	49.09 3.09 -0.96	47.43 2.95 0.00	52.22 2.68 0.00	50.52 2.10 0.00	50.41 1.58 0.00	52.03 1.22 0.00	53.81 1.42 0.00	47.82 2.24 0.00	38.90 2.14 0.00
HUDSON AVE_GT_4 23540	40.06 2.52 0.00	35.90 1.99 0.00	30.89 1.74 0.00	31.34 1.58 0.00	31.76 1.56 0.00	35.71 1.37 0.00	38.32 1.42 0.00	35.46 1.54 0.00	30.58 1.63 0.00	31.89 1.80 0.00	34.60 1.96 -0.06	40.17 2.48 -0.59	45.97 2.80 -1.19	49.14 3.13 -0.24	48.43 3.03 -1.58	49.09 3.09 -0.96	47.43 2.95 0.00	52.22 2.68 0.00	50.52 2.10 0.00	50.41 1.58 0.00	52.03 1.22 0.00	53.81 1.42 0.00	47.82 2.24 0.00	38.90 2.14 0.00
HUDSON AVE_GT_5 23657	40.06 2.52 0.00	35.90 1.99 0.00	30.89 1.74 0.00	31.34 1.58 0.00	31.76 1.56 0.00	35.71 1.37 0.00	38.32 1.42 0.00	35.46 1.54 0.00	30.58 1.63 0.00	31.89 1.80 0.00	34.60 1.96 -0.06	40.17 2.48 -0.59	45.97 2.80 -1.19	49.14 3.13 -0.24	48.43 3.03 -1.58	49.09 3.09 -0.96	47.43 2.95 0.00	52.22 2.68 0.00	50.52 2.10 0.00	50.41 1.58 0.00	52.03 1.22 0.00	53.81 1.42 0.00	47.82 2.24 0.00	38.90 2.14 0.00
HUDSON_AVE_10 24168	39.94 2.40 0.00	35.80 1.89 0.00	30.80 1.65 0.00	31.24 1.48 0.00	31.69 1.49 0.00	35.63 1.29 0.00	38.23 1.32 0.00	35.36 1.45 0.00	30.50 1.56 0.00	31.78 1.69 0.00	34.45 1.82 -0.06	40.02 2.32 -0.59	45.78 2.62 -1.19	48.97 2.96 -0.24	48.27 2.87 -1.58	48.92 2.93 -0.96	47.26 2.79 0.00	52.04 2.49 0.00	50.33 1.90 0.00	50.22 1.39 0.00	51.86 1.05 0.00	53.63 1.24 0.00	47.69 2.10 0.00	38.78 2.02 0.00
HUDSON___115KV_TB 4 355613	38.94 1.40 0.00	35.27 1.36 0.00	30.41 1.26 0.00	31.02 1.26 0.00	31.46 1.26 0.00	35.58 1.24 0.00	38.04 1.14 0.00	34.86 0.95 0.00	29.46 0.52 0.00	30.41 0.32 0.03	32.62 0.08 0.31	36.86 0.06 0.63	41.29 -0.05 0.63	45.49 -0.15 0.13	42.84 -0.15 0.83	44.46 -0.06 0.51	44.27 -0.20 0.01	41.75 -0.17 7.63	48.43 0.00 0.00	49.27 0.44 0.00	51.43 0.61 0.00	52.95 0.56 0.00	40.81 0.62 5.39	37.49 0.73 0.00
HUNTER MOUNT___DRP 323613	39.02 1.48 0.00	35.36 1.45 0.00	30.49 1.34 0.00	31.10 1.34 0.00	31.55 1.35 0.00	35.71 1.37 0.00	38.18 1.28 0.00	34.98 1.07 0.00	29.54 0.59 0.00	30.44 0.35 0.00	32.62 0.06 0.02	36.96 0.04 0.19	41.54 -0.04 0.39	45.47 -0.21 0.08	43.09 -0.22 0.52	44.63 -0.08 0.32	44.24 -0.23 0.01	38.37 -0.07 11.10	48.50 0.08 0.00	49.41 0.58 0.00	51.58 0.77 0.00	53.09 0.69 0.00	38.40 0.67 7.85	37.49 0.73 0.00
HUNTINGTON_RES_REC 323705	40.44 2.90 0.00	35.92 2.01 0.00	30.96 1.81 0.00	31.40 1.64 0.00	31.71 1.50 0.00	35.58 1.24 0.00	38.17 1.27 0.00	35.09 1.18 0.00	30.33 1.38 0.00	31.74 1.64 0.00	34.75 2.11 -0.06	40.44 2.75 -0.58	46.27 3.11 -1.18	50.21 3.63 -0.81	49.07 3.50 -1.74	49.01 3.01 -0.96	46.88 2.41 0.00	51.61 2.06 0.00	50.07 1.65 0.01	49.89 1.07 0.00	51.23 0.41 0.00	52.84 0.45 0.00	46.93 1.35 0.00	38.42 1.65 0.00
HUNTLEY___63 23557	36.25 -1.28 0.00	33.13 -0.78 0.00	27.98 -1.17 0.00	28.73 -1.03 0.00	29.37 -0.83 0.00	33.59 -0.76 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.87 -1.08 0.00	29.35 -0.74 0.00	32.20 -0.38 0.00	36.54 -0.57 0.00	41.46 -0.51 0.00	45.19 -0.57 0.00	43.21 -0.61 0.00	44.25 -0.79 0.00	43.91 -0.56 0.00	49.27 -0.28 0.00	48.14 -0.29 0.00	48.21 -0.62 0.00	50.11 -0.70 0.00	51.81 -0.59 0.00	46.21 0.63 0.00	36.98 0.21 0.00
HUNTLEY___64 23558	36.25 -1.28 0.00	33.13 -0.78 0.00	27.98 -1.17 0.00	28.73 -1.03 0.00	29.37 -0.83 0.00	33.59 -0.76 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.87 -1.08 0.00	29.35 -0.74 0.00	32.20 -0.38 0.00	36.54 -0.57 0.00	41.46 -0.51 0.00	45.19 -0.57 0.00	43.21 -0.61 0.00	44.25 -0.79 0.00	43.91 -0.56 0.00	49.27 -0.28 0.00	48.14 -0.29 0.00	48.21 -0.62 0.00	50.11 -0.70 0.00	51.81 -0.59 0.00	46.21 0.63 0.00	36.98 0.21 0.00
HUNTLEY___65 23559	36.25 -1.28 0.00	33.13 -0.78 0.00	27.98 -1.17 0.00	28.73 -1.03 0.00	29.37 -0.83 0.00	33.59 -0.76 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.87 -1.08 0.00	29.35 -0.74 0.00	32.20 -0.38 0.00	36.54 -0.57 0.00	41.46 -0.51 0.00	45.19 -0.57 0.00	43.21 -0.61 0.00	44.25 -0.79 0.00	43.91 -0.56 0.00	49.27 -0.28 0.00	48.14 -0.29 0.00	48.21 -0.62 0.00	50.11 -0.70 0.00	51.81 -0.59 0.00	46.21 0.63 0.00	36.98 0.21 0.00
HUNTLEY___66 23560	36.25 -1.28 0.00	33.13 -0.78 0.00	27.98 -1.17 0.00	28.73 -1.03 0.00	29.37 -0.83 0.00	33.59 -0.76 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.87 -1.08 0.00	29.35 -0.74 0.00	32.20 -0.38 0.00	36.54 -0.57 0.00	41.46 -0.51 0.00	45.19 -0.57 0.00	43.21 -0.61 0.00	44.25 -0.79 0.00	43.91 -0.56 0.00	49.27 -0.28 0.00	48.14 -0.29 0.00	48.21 -0.62 0.00	50.11 -0.70 0.00	51.81 -0.59 0.00	46.21 0.63 0.00	36.98 0.21 0.00
HUNTLEY___67 23561	36.06 -1.48 0.00	32.94 -0.97 0.00	27.86 -1.29 0.00	28.60 -1.17 0.00	29.23 -0.97 0.00	33.40 -0.94 0.00	35.00 -1.91 0.00	32.11 -1.81 0.00	27.77 -1.17 0.00	29.26 -0.84 0.00	32.05 -0.53 0.00	36.37 -0.74 0.00	41.29 -0.69 0.00	44.96 -0.80 0.00	42.97 -0.86 0.00	43.98 -1.05 0.00	43.60 -0.87 0.00	48.90 -0.64 0.00	47.77 -0.66 0.00	47.84 -0.99 0.00	49.75 -1.06 0.00	51.46 -0.94 0.00	45.91 0.33 0.00	36.75 -0.01 0.00
HUNTLEY___68 23562	36.06 -1.48 0.00	32.94 -0.97 0.00	27.86 -1.29 0.00	28.60 -1.17 0.00	29.23 -0.97 0.00	33.40 -0.94 0.00	35.00 -1.91 0.00	32.11 -1.81 0.00	27.77 -1.17 0.00	29.26 -0.84 0.00	32.05 -0.53 0.00	36.37 -0.74 0.00	41.29 -0.69 0.00	44.96 -0.80 0.00	42.97 -0.86 0.00	43.98 -1.05 0.00	43.60 -0.87 0.00	48.90 -0.64 0.00	47.77 -0.66 0.00	47.84 -0.99 0.00	49.75 -1.06 0.00	51.46 -0.94 0.00	45.91 0.33 0.00	36.75 -0.01 0.00



HYLAND___LFGE 323620	38.84 1.30 0.00	35.16 1.25 0.00	29.91 0.76 0.00	30.55 0.79 0.00	31.17 0.97 0.00	35.55 1.21 0.00	37.82 0.91 0.00	34.30 0.39 0.00	28.70 -0.24 0.00	29.92 -0.17 0.00	32.61 0.03 0.00	37.16 0.06 0.00	42.25 0.27 0.00	46.04 0.28 0.00	44.00 0.17 0.00	44.90 -0.13 0.00	43.96 -0.51 0.00	48.94 -0.61 0.00	48.03 -0.40 0.00	49.31 0.47 0.00	52.35 1.54 0.00	54.25 1.85 0.00	47.68 2.10 0.00	38.91 2.15 0.00
INDECK___CORINTH 23802	39.24 1.70 0.00	35.24 1.34 0.00	30.32 1.17 0.00	30.93 1.17 0.00	31.41 1.21 0.00	35.59 1.25 0.00	38.09 1.19 0.00	34.95 1.04 0.00	29.69 0.75 0.00	30.51 0.42 0.00	32.56 0.04 0.05	36.78 0.17 0.50	41.20 0.25 1.02	45.80 0.26 0.21	42.54 0.07 1.35	44.33 0.13 0.83	44.61 0.14 0.00	50.04 0.49 0.00	49.64 1.21 0.00	50.47 1.63 0.00	52.72 1.91 0.00	54.21 1.81 0.00	47.16 1.58 0.00	38.25 1.49 0.00
INDECK___ILION 23567	37.92 0.38 0.00	34.28 0.37 0.00	29.56 0.41 0.00	30.16 0.40 0.00	30.59 0.39 0.00	34.67 0.33 0.00	37.12 0.22 0.00	33.91 -0.01 0.00	28.73 -0.22 0.00	29.70 -0.40 0.00	32.07 -0.51 0.00	36.64 -0.47 0.00	41.39 -0.58 0.00	45.16 -0.60 0.00	43.23 -0.60 0.00	44.45 -0.59 0.00	43.82 -0.65 0.00	48.92 -0.62 0.00	48.06 -0.37 0.00	48.81 -0.03 0.00	50.89 0.08 0.00	52.39 0.00 0.00	45.74 0.15 0.00	37.03 0.26 0.00
INDECK___OLEAN 23982	36.87 -0.67 0.00	33.45 -0.45 0.00	28.33 -0.82 0.00	29.00 -0.76 0.00	29.67 -0.53 0.00	33.71 -0.63 0.00	35.64 -1.26 0.00	32.81 -1.11 0.00	28.37 -0.58 0.00	29.83 -0.27 0.00	32.51 -0.06 0.00	36.95 -0.16 0.00	42.06 0.08 0.00	45.77 0.01 0.00	43.65 -0.18 0.00	44.61 -0.42 0.00	43.76 -0.71 0.00	49.00 -0.55 0.00	47.74 -0.69 0.00	47.86 -0.97 0.00	49.85 -0.96 0.00	51.80 -0.60 0.00	46.29 0.70 0.00	37.11 0.34 0.00
INDECK___OSWEGO 23783	36.72 -0.82 0.00	33.19 -0.72 0.00	28.50 -0.65 0.00	29.08 -0.68 0.00	29.55 -0.65 0.00	33.57 -0.77 0.00	35.96 -0.94 0.00	32.97 -0.94 0.00	28.09 -0.86 0.00	29.19 -0.90 0.00	31.61 -0.96 0.00	36.03 -1.08 0.00	40.77 -1.21 0.00	44.38 -1.38 0.00	42.57 -1.25 0.00	43.74 -1.29 0.00	43.09 -1.38 0.00	48.32 -1.22 0.00	47.29 -1.14 0.00	47.80 -1.03 0.00	49.77 -1.04 0.00	51.33 -1.07 0.00	44.46 -1.13 0.00	36.05 -0.72 0.00
INDECK___YERKES 23781	36.30 -1.24 0.00	33.16 -0.75 0.00	28.01 -1.15 0.00	28.76 -1.00 0.00	29.40 -0.80 0.00	33.62 -0.73 0.00	35.18 -1.72 0.00	32.25 -1.66 0.00	27.89 -1.05 0.00	29.38 -0.72 0.00	32.23 -0.34 0.00	36.59 -0.52 0.00	41.52 -0.46 0.00	45.26 -0.50 0.00	43.27 -0.56 0.00	44.27 -0.76 0.00	43.95 -0.52 0.00	49.32 -0.22 0.00	48.19 -0.24 0.00	48.26 -0.57 0.00	50.15 -0.66 0.00	51.84 -0.56 0.00	46.25 0.66 0.00	37.02 0.25 0.00
INDIAN POINT_GT_1 24139	39.58 2.04 0.00	35.52 1.61 0.00	30.56 1.41 0.00	31.03 1.27 0.00	31.45 1.25 0.00	35.39 1.05 0.00	37.94 1.04 0.00	35.04 1.13 0.00	30.14 1.19 0.00	31.40 1.30 0.00	34.07 1.43 -0.06	39.54 1.86 -0.58	45.24 2.09 -1.17	48.36 2.36 -0.24	47.66 2.29 -1.55	48.34 2.36 -0.95	46.66 2.19 0.00	51.53 1.98 0.00	50.00 1.57 0.00	49.98 1.14 0.00	51.65 0.84 0.00	53.37 0.97 0.00	47.28 1.70 0.00	38.45 1.69 0.00
INDIAN POINT_GT_2 23659	39.58 2.04 0.00	35.52 1.61 0.00	30.56 1.41 0.00	31.03 1.27 0.00	31.45 1.25 0.00	35.39 1.05 0.00	37.94 1.04 0.00	35.04 1.13 0.00	30.14 1.19 0.00	31.40 1.30 0.00	34.07 1.43 -0.06	39.54 1.86 -0.58	45.24 2.09 -1.17	48.36 2.36 -0.24	47.66 2.29 -1.55	48.34 2.36 -0.95	46.66 2.19 0.00	51.53 1.98 0.00	50.00 1.57 0.00	49.98 1.14 0.00	51.65 0.84 0.00	53.37 0.97 0.00	47.28 1.70 0.00	38.45 1.69 0.00
INDIAN POINT_GT_3 24019	39.58 2.04 0.00	35.52 1.61 0.00	30.56 1.41 0.00	31.03 1.27 0.00	31.45 1.25 0.00	35.39 1.05 0.00	37.94 1.04 0.00	35.04 1.13 0.00	30.14 1.19 0.00	31.40 1.30 0.00	34.07 1.43 -0.06	39.54 1.86 -0.58	45.24 2.09 -1.17	48.36 2.36 -0.24	47.66 2.29 -1.55	48.34 2.36 -0.95	46.66 2.19 0.00	51.53 1.98 0.00	50.00 1.57 0.00	49.98 1.14 0.00	51.65 0.84 0.00	53.37 0.97 0.00	47.28 1.70 0.00	38.45 1.69 0.00
INDIAN POINT___2 23530	39.54 2.00 0.00	35.48 1.57 0.00	30.52 1.37 0.00	30.99 1.23 0.00	31.41 1.21 0.00	35.36 1.02 0.00	37.90 1.00 0.00	35.00 1.09 0.00	30.11 1.16 0.00	31.40 1.30 0.00	34.05 1.42 -0.06	39.52 1.86 -0.56	45.19 2.08 -1.13	48.33 2.34 -0.23	47.59 2.26 -1.50	48.29 2.34 -0.92	46.64 2.17 0.00	51.50 1.95 0.00	49.96 1.53 0.00	49.93 1.10 0.00	51.60 0.78 0.00	53.32 0.92 0.00	47.26 1.67 0.00	38.43 1.66 0.00
INDIAN POINT___3 23531	39.52 1.98 0.00	35.47 1.56 0.00	30.52 1.37 0.00	30.99 1.23 0.00	31.42 1.22 0.00	35.37 1.03 0.00	37.89 0.99 0.00	35.00 1.08 0.00	30.10 1.15 0.00	31.37 1.27 0.00	34.02 1.39 -0.06	39.48 1.80 -0.58	45.17 2.03 -1.17	48.28 2.28 -0.24	47.58 2.20 -1.55	48.26 2.27 -0.95	46.58 2.11 0.00	51.44 1.89 0.00	49.91 1.48 0.00	49.90 1.07 0.00	51.57 0.76 0.00	53.29 0.90 0.00	47.20 1.62 0.00	38.39 1.63 0.00
INGHAM_C_115KV_TB7 356103	38.18 0.64 0.00	34.50 0.59 0.00	29.83 0.68 0.00	30.42 0.65 0.00	30.86 0.65 0.00	34.88 0.53 0.00	37.23 0.33 0.00	33.73 -0.19 0.00	28.28 -0.66 0.00	29.01 -1.09 0.00	31.22 -1.35 0.00	35.77 -1.33 0.00	40.36 -1.62 0.00	44.08 -1.69 0.00	42.15 -1.68 0.00	43.35 -1.68 0.00	42.68 -1.80 0.00	47.79 -1.76 0.00	47.29 -1.15 0.00	48.51 -0.31 0.00	50.79 -0.03 0.00	52.19 -0.21 0.00	45.63 0.05 0.00	37.11 0.34 0.00
IP CORINTH___1 23988	39.45 1.91 0.00	35.42 1.52 0.00	30.47 1.31 0.00	31.08 1.32 0.00	31.57 1.37 0.00	35.76 1.42 0.00	38.28 1.38 0.00	35.13 1.22 0.00	29.84 0.89 0.00	30.67 0.57 0.00	32.73 0.21 0.05	36.98 0.37 0.50	41.42 0.47 1.02	46.04 0.49 0.21	42.77 0.30 1.35	44.58 0.37 0.83	44.88 0.40 0.00	50.32 0.78 0.00	49.91 1.48 0.00	50.75 1.92 0.00	53.02 2.21 0.00	54.52 2.12 0.00	47.42 1.84 0.00	38.44 1.68 0.00
IP___TICONDEROGA 23804	41.49 3.94 0.00	37.00 3.09 0.00	31.64 2.50 0.00	32.40 2.64 0.00	32.99 2.79 0.00	37.40 3.06 0.00	39.94 3.04 0.00	36.62 2.71 0.00	31.18 2.23 0.00	31.69 1.59 0.00	33.86 1.34 0.05	38.26 1.67 0.51	43.13 2.20 1.05	47.93 2.39 0.21	44.29 1.85 1.39	46.14 1.96 0.85	46.47 2.00 0.00	52.32 2.77 0.00	51.90 3.47 0.00	53.21 4.38 0.00	55.90 5.08 0.00	57.44 5.04 0.00	49.80 4.21 0.00	40.50 3.74 0.00
ISLIP_RES_REC 323679	40.97 3.43 0.00	36.30 2.39 0.00	31.34 2.19 0.00	31.79 2.02 0.00	32.08 1.87 0.00	35.96 1.62 0.00	38.58 1.68 0.00	35.48 1.57 0.00	30.70 1.76 0.00	32.11 2.01 0.00	35.14 2.51 -0.06	40.93 3.23 -0.58	46.81 3.65 -1.18	50.81 4.24 -0.81	49.67 4.10 -1.74	49.72 3.72 -0.96	47.69 3.21 0.00	52.59 3.05 0.00	51.57 2.68 -0.45	50.91 2.07 -0.01	52.24 1.43 0.00	53.82 1.42 0.00	47.71 2.13 0.00	38.91 2.15 0.00

JAMAICA__27_KV_LOAD 355505	40.21 2.67 0.00	36.04 2.13 0.00	31.02 1.87 0.00	31.44 1.68 0.00	31.94 1.74 0.00	35.93 1.59 0.00	38.52 1.62 0.00	35.65 1.74 0.00	30.75 1.80 0.00	31.97 1.87 0.00	34.57 1.94 -0.06	40.19 2.50 -0.59	45.95 2.79 -1.19	49.21 3.21 -0.24	48.54 3.13 -1.58	49.16 3.17 -0.96	47.55 3.07 0.00	52.34 2.80 0.00	50.60 2.17 0.00	50.48 1.65 0.00	52.23 1.42 0.00	54.04 1.64 0.00	48.10 2.51 0.00	39.10 2.33 0.00
JANIS__SOLAR 323808	38.65 1.12 0.00	34.98 1.08 0.00	29.99 0.84 0.00	30.57 0.81 0.00	31.16 0.96 0.00	35.42 1.08 0.00	38.00 1.10 0.00	34.74 0.82 0.00	29.34 0.39 0.00	30.30 0.20 0.00	32.76 0.18 0.00	37.37 0.27 0.00	42.44 0.47 0.00	46.36 0.60 0.00	44.37 0.54 0.00	45.63 0.60 0.00	45.36 0.89 0.00	50.74 1.19 0.00	50.01 1.58 0.00	51.06 2.22 0.00	53.27 2.46 0.00	54.90 2.51 0.00	47.93 2.35 0.00	38.49 1.72 0.00
JARVIS____ 23743	37.70 0.16 0.00	34.06 0.16 0.00	29.32 0.17 0.00	29.91 0.15 0.00	30.35 0.15 0.00	34.46 0.12 0.00	36.96 0.06 0.00	33.93 0.02 0.00	28.94 -0.01 0.00	30.06 -0.04 0.00	32.50 -0.07 0.00	37.05 -0.06 0.00	41.89 -0.08 0.00	45.67 -0.09 0.00	43.74 -0.09 0.00	44.96 -0.07 0.00	44.39 -0.09 0.00	49.45 -0.10 0.00	48.33 -0.10 0.00	48.78 -0.05 0.00	50.76 -0.05 0.00	52.35 -0.05 0.00	45.66 0.08 0.00	36.87 0.11 0.00
JENNISON____1 23625	38.49 0.95 0.00	34.91 1.00 0.00	30.01 0.86 0.00	30.58 0.82 0.00	31.20 1.00 0.00	35.35 1.00 0.00	37.95 1.05 0.00	34.92 1.01 0.00	29.81 0.87 0.00	30.92 0.82 0.00	33.50 0.92 0.00	38.25 1.14 0.00	43.45 1.47 0.00	47.36 1.60 0.00	45.38 1.55 0.00	46.59 1.55 0.00	46.15 1.68 0.00	51.60 2.06 0.00	50.68 2.25 0.00	51.38 2.55 0.00	53.34 2.53 0.00	54.95 2.55 0.00	48.03 2.45 0.00	38.57 1.81 0.00
JENNISON____2 23626	38.49 0.95 0.00	34.91 1.00 0.00	30.01 0.86 0.00	30.58 0.82 0.00	31.20 1.00 0.00	35.35 1.00 0.00	37.95 1.05 0.00	34.92 1.01 0.00	29.81 0.87 0.00	30.92 0.82 0.00	33.50 0.92 0.00	38.25 1.14 0.00	43.45 1.47 0.00	47.36 1.60 0.00	45.38 1.55 0.00	46.59 1.55 0.00	46.15 1.68 0.00	51.60 2.06 0.00	50.68 2.25 0.00	51.38 2.55 0.00	53.34 2.53 0.00	54.95 2.55 0.00	48.03 2.45 0.00	38.57 1.81 0.00
JERICOHO_RISE_WT_PWR 323719	37.85 0.31 0.00	34.14 0.23 0.00	29.30 0.16 0.00	29.95 0.20 0.00	30.43 0.23 0.00	34.81 0.47 0.00	37.55 0.64 0.00	34.58 0.66 0.00	29.55 0.61 0.00	30.77 0.68 0.00	33.33 0.76 0.00	37.76 0.66 0.00	42.72 0.75 0.00	46.63 0.86 0.00	44.54 0.71 0.00	45.70 0.66 0.00	45.20 0.73 0.00	50.50 0.96 0.00	49.53 1.09 0.00	49.94 1.11 0.00	52.14 1.33 0.00	53.91 1.51 0.00	46.20 0.61 0.00	36.86 0.10 0.00
KATONAH__115KV_46KV_TB4 355592	39.69 2.15 0.00	35.60 1.69 0.00	30.65 1.50 0.00	31.13 1.37 0.00	31.55 1.35 0.00	35.53 1.19 0.00	38.08 1.18 0.00	35.16 1.25 0.00	30.22 1.28 0.00	31.47 1.37 0.00	34.12 1.49 -0.06	39.59 1.89 -0.59	45.33 2.16 -1.20	48.48 2.47 -0.25	47.81 2.40 -1.59	48.47 2.46 -0.97	46.79 2.31 0.00	51.74 2.19 0.00	50.26 1.83 0.00	50.28 1.45 0.00	51.94 1.13 0.00	53.64 1.24 0.00	47.42 1.84 0.00	38.52 1.76 0.00
KCE_NY_1 323755	39.39 1.85 0.00	35.46 1.56 0.00	30.54 1.39 0.00	31.14 1.38 0.00	31.60 1.40 0.00	35.83 1.49 0.00	38.33 1.43 0.00	35.16 1.24 0.00	29.92 0.97 0.00	30.80 0.71 0.00	33.07 0.55 0.05	37.27 0.70 0.53	41.72 0.82 1.08	46.42 0.89 0.22	43.14 0.75 1.43	45.04 0.89 0.88	45.35 0.87 0.00	50.72 1.17 0.00	49.96 1.53 0.00	50.65 1.82 0.00	52.78 1.97 0.00	54.28 1.88 0.00	47.33 1.75 0.00	38.37 1.61 0.00
KCE_NY_6_ESR 323823	36.50 -1.04 0.00	33.31 -0.60 0.00	28.17 -0.98 0.00	28.88 -0.88 0.00	29.50 -0.70 0.00	33.72 -0.62 0.00	35.39 -1.51 0.00	32.51 -1.40 0.00	28.12 -0.82 0.00	29.60 -0.49 0.00	32.45 -0.13 0.00	36.84 -0.27 0.00	41.88 -0.10 0.00	45.63 -0.13 0.00	43.62 -0.21 0.00	44.65 -0.38 0.00	44.14 -0.33 0.00	49.54 -0.01 0.00	48.42 -0.01 0.00	48.48 -0.35 0.00	50.44 -0.37 0.00	52.11 -0.29 0.00	46.45 0.87 0.00	37.18 0.42 0.00
KEDC_PORT_JEFF_GT2 24210	40.64 3.10 0.00	36.03 2.12 0.00	31.12 1.97 0.00	31.57 1.81 0.00	31.86 1.66 0.00	35.71 1.37 0.00	38.32 1.41 0.00	35.22 1.31 0.00	30.45 1.51 0.00	31.84 1.74 0.00	34.83 2.19 -0.06	40.56 2.86 -0.58	46.37 3.21 -1.18	50.32 3.75 -0.81	49.21 3.64 -1.74	49.23 3.24 -0.96	47.18 2.71 0.00	52.01 2.47 0.00	50.90 2.12 -0.35	50.35 1.51 0.00	51.67 0.86 0.00	53.26 0.86 0.00	47.27 1.68 0.00	38.60 1.83 0.00
KEDC_PORT_JEFF_GT3 24211	40.64 3.10 0.00	36.03 2.12 0.00	31.12 1.97 0.00	31.57 1.81 0.00	31.86 1.66 0.00	35.71 1.37 0.00	38.32 1.41 0.00	35.22 1.31 0.00	30.45 1.51 0.00	31.84 1.74 0.00	34.83 2.19 -0.06	40.56 2.86 -0.58	46.37 3.21 -1.18	50.32 3.75 -0.81	49.21 3.64 -1.74	49.23 3.24 -0.96	47.18 2.71 0.00	52.01 2.47 0.00	50.90 2.12 -0.35	50.35 1.51 0.00	51.67 0.86 0.00	53.26 0.86 0.00	47.27 1.68 0.00	38.60 1.83 0.00
KEDC_GLWD_GT4 24219	40.23 2.69 0.00	35.96 2.05 0.00	30.95 1.79 0.00	31.39 1.63 0.00	31.78 1.57 0.00	35.75 1.41 0.00	38.33 1.42 0.00	35.39 1.48 0.00	30.54 1.60 0.00	31.89 1.79 0.00	34.75 2.12 -0.06	40.37 2.68 -0.59	46.16 3.00 -1.19	49.98 3.40 -0.81	48.83 3.27 -1.74	49.17 3.17 -0.96	47.34 2.87 0.00	51.88 2.34 0.00	50.28 1.85 0.00	50.17 1.34 0.00	51.74 0.93 0.00	53.80 1.40 0.00	47.65 2.06 0.00	38.82 2.05 0.00
KEDC_GLWD_GT5 24220	40.23 2.69 0.00	35.96 2.05 0.00	30.95 1.79 0.00	31.39 1.63 0.00	31.78 1.57 0.00	35.75 1.41 0.00	38.33 1.42 0.00	35.39 1.48 0.00	30.54 1.60 0.00	31.89 1.79 0.00	34.75 2.12 -0.06	40.37 2.68 -0.59	46.16 3.00 -1.19	49.98 3.40 -0.81	48.83 3.27 -1.74	49.17 3.17 -0.96	47.34 2.87 0.00	51.88 2.34 0.00	50.28 1.85 0.00	50.17 1.34 0.00	51.74 0.93 0.00	53.80 1.40 0.00	47.65 2.06 0.00	38.82 2.05 0.00
KENSICO____ 23655	39.72 2.18 0.00	35.64 1.73 0.00	30.67 1.52 0.00	31.14 1.38 0.00	31.55 1.35 0.00	35.50 1.16 0.00	38.06 1.15 0.00	35.16 1.25 0.00	30.26 1.31 0.00	31.53 1.43 0.00	34.21 1.57 -0.06	39.70 2.01 -0.58	45.42 2.27 -1.18	48.56 2.56 -0.24	47.87 2.47 -1.57	48.53 2.54 -0.96	46.84 2.37 0.00	51.70 2.15 0.00	50.15 1.72 0.00	50.12 1.28 0.00	51.77 0.96 0.00	53.51 1.11 0.00	47.41 1.83 0.00	38.56 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.50 1.96 0.00	35.45 1.54 0.00	30.49 1.34 0.00	30.98 1.22 0.00	31.41 1.20 0.00	35.40 1.06 0.00	37.93 1.03 0.00	35.02 1.10 0.00	30.09 1.15 0.00	31.28 1.18 0.00	33.81 1.21 -0.04	38.98 1.51 -0.35	44.44 1.76 -0.71	48.04 2.14 -0.15	46.91 2.14 -0.95	47.81 2.20 -0.58	46.74 2.26 0.00	50.54 2.32 1.32	50.54 2.11 0.00	50.69 1.86 0.00	52.40 1.59 0.00	54.06 1.66 0.00	46.74 2.09 0.94	38.62 1.86 0.00

KIAC_JFK_GT1 23816	39.82 2.28 0.00	35.70 1.79 0.00	30.75 1.60 0.00	31.17 1.41 0.00	31.67 1.46 0.00	35.61 1.27 0.00	38.16 1.26 0.00	35.32 1.40 0.00	30.46 1.51 0.00	31.67 1.57 0.00	34.25 1.62 -0.06	39.81 2.11 -0.59	45.53 2.36 -1.19	48.73 2.73 -0.24	48.09 2.68 -1.58	48.71 2.71 -0.96	47.09 2.61 0.00	51.81 2.27 0.00	50.10 1.67 0.00	49.96 1.13 0.00	51.69 0.88 0.00	53.48 1.08 0.00	47.60 2.02 0.00	38.71 1.94 0.00
KIAC_JFK_GT2 23817	39.82 2.28 0.00	35.70 1.79 0.00	30.75 1.60 0.00	31.17 1.41 0.00	31.67 1.46 0.00	35.61 1.27 0.00	38.16 1.26 0.00	35.32 1.40 0.00	30.46 1.51 0.00	31.67 1.57 0.00	34.25 1.62 -0.06	39.81 2.11 -0.59	45.53 2.36 -1.19	48.73 2.73 -0.24	48.09 2.68 -1.58	48.71 2.71 -0.96	47.09 2.61 0.00	51.81 2.27 0.00	50.10 1.67 0.00	49.96 1.13 0.00	51.69 0.88 0.00	53.48 1.08 0.00	47.60 2.02 0.00	38.71 1.94 0.00
KIAC_JFK____ 323774	39.82 2.28 0.00	35.69 1.79 0.00	30.75 1.60 0.00	31.17 1.41 0.00	31.67 1.46 0.00	35.61 1.27 0.00	38.17 1.27 0.00	35.32 1.40 0.00	30.46 1.51 0.00	31.67 1.57 0.00	34.25 1.62 -0.06	39.80 2.11 -0.59	45.52 2.36 -1.19	48.73 2.73 -0.24	48.08 2.68 -1.58	48.71 2.71 -0.96	47.09 2.61 0.00	51.81 2.26 0.00	50.10 1.67 0.00	49.96 1.13 0.00	51.70 0.88 0.00	53.49 1.09 0.00	47.60 2.02 0.00	38.71 1.95 0.00
KINTIGH__24_KV_GSU 356498	36.19 -1.35 0.00	33.01 -0.90 0.00	27.97 -1.18 0.00	28.71 -1.05 0.00	29.32 -0.88 0.00	33.47 -0.87 0.00	35.17 -1.73 0.00	32.25 -1.67 0.00	27.84 -1.11 0.00	29.30 -0.80 0.00	32.03 -0.55 0.00	36.38 -0.73 0.00	41.26 -0.72 0.00	44.95 -0.81 0.00	42.92 -0.90 0.00	43.91 -1.12 0.00	43.59 -0.88 0.00	48.84 -0.71 0.00	47.71 -0.72 0.00	47.82 -1.01 0.00	49.73 -1.08 0.00	51.44 -0.95 0.00	45.82 0.23 0.00	36.69 -0.07 0.00
KINTIGH____ 23543	36.15 -1.39 0.00	32.98 -0.93 0.00	27.95 -1.21 0.00	28.68 -1.08 0.00	29.29 -0.91 0.00	33.44 -0.90 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.82 -1.13 0.00	29.27 -0.83 0.00	32.00 -0.57 0.00	36.34 -0.77 0.00	41.21 -0.77 0.00	44.89 -0.87 0.00	42.88 -0.95 0.00	43.89 -1.15 0.00	43.55 -0.92 0.00	48.80 -0.74 0.00	47.67 -0.76 0.00	47.78 -1.05 0.00	49.69 -1.13 0.00	51.41 -0.98 0.00	45.77 0.19 0.00	36.67 -0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.92 1.37 0.00	34.98 1.07 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.23 1.03 0.00	35.65 1.31 0.00	38.37 1.47 0.00	35.32 1.41 0.00	30.16 1.21 0.00	31.32 1.22 0.00	33.93 1.36 0.00	38.59 1.48 0.00	43.63 1.66 0.00	47.64 1.88 0.00	45.46 1.64 0.00	46.72 1.69 0.00	46.16 1.69 0.00	51.72 2.17 0.00	51.04 2.61 0.00	51.38 2.55 0.00	53.58 2.77 0.00	55.40 3.00 0.00	47.49 1.90 0.00	37.86 1.10 0.00
LACHUTE____HYDRO 323717	41.48 3.94 0.00	37.00 3.09 0.00	31.64 2.49 0.00	32.40 2.64 0.00	32.99 2.79 0.00	37.40 3.06 0.00	39.94 3.04 0.00	36.62 2.71 0.00	31.18 2.23 0.00	31.69 1.59 0.00	33.86 1.34 0.05	38.27 1.67 0.51	43.12 2.19 1.05	47.93 2.38 0.21	44.28 1.84 1.39	46.14 1.96 0.85	46.47 2.00 0.00	52.32 2.77 0.00	51.90 3.47 0.00	53.21 4.38 0.00	55.90 5.08 0.00	57.44 5.04 0.00	49.80 4.22 0.00	40.50 3.74 0.00
LAWRNCALV_115KV_TB1 80681	38.12 0.58 0.00	34.42 0.51 0.00	29.52 0.38 0.00	30.19 0.43 0.00	30.68 0.48 0.00	35.14 0.79 0.00	37.91 1.01 0.00	34.89 0.98 0.00	29.70 0.75 0.00	30.92 0.82 0.00	33.46 0.89 0.00	37.85 0.74 0.00	42.81 0.83 0.00	46.69 0.93 0.00	44.54 0.71 0.00	45.52 0.49 0.00	44.85 0.38 0.00	50.17 0.63 0.00	49.19 0.76 0.00	49.86 1.03 0.00	52.40 1.59 0.00	54.47 2.08 0.00	46.64 1.05 0.00	37.18 0.41 0.00
LEDERLE____ 23769	39.69 2.15 0.00	35.62 1.72 0.00	30.63 1.48 0.00	31.10 1.34 0.00	31.52 1.32 0.00	35.51 1.17 0.00	38.06 1.15 0.00	35.15 1.24 0.00	30.24 1.30 0.00	31.55 1.46 0.00	34.24 1.61 -0.06	39.73 2.08 -0.55	45.44 2.36 -1.11	48.64 2.65 -0.23	47.86 2.56 -1.47	48.61 2.68 -0.90	46.99 2.52 0.00	51.91 2.36 0.00	50.35 1.92 0.00	50.29 1.46 0.00	51.97 1.16 0.00	53.68 1.28 0.00	47.55 1.97 0.00	38.64 1.88 0.00
LIGHTHSE_115KV_TB6 355974	37.56 0.02 0.00	33.97 0.06 0.00	29.16 0.01 0.00	29.77 0.01 0.00	30.28 0.07 0.00	34.46 0.12 0.00	36.94 0.04 0.00	33.78 -0.13 0.00	28.65 -0.29 0.00	29.75 -0.35 0.00	32.15 -0.42 0.00	36.58 -0.52 0.00	41.35 -0.63 0.00	44.96 -0.81 0.00	43.10 -0.73 0.00	44.31 -0.72 0.00	43.73 -0.75 0.00	49.03 -0.51 0.00	48.04 -0.39 0.00	48.86 0.03 0.00	51.24 0.42 0.00	53.11 0.72 0.00	46.15 0.57 0.00	37.11 0.35 0.00
LINDEN COGEN____ 23786	39.80 2.26 0.00	35.68 1.77 0.00	30.69 1.54 0.00	31.13 1.37 0.00	31.55 1.35 0.00	35.47 1.13 0.00	38.06 1.15 0.00	35.21 1.29 0.00	30.34 1.40 0.00	31.66 1.56 0.00	34.35 1.72 -0.06	39.91 2.22 -0.59	45.67 2.51 -1.19	48.80 2.80 -0.24	48.11 2.71 -1.58	48.79 2.80 -0.96	47.13 2.66 0.00	51.88 2.34 0.00	50.18 1.75 0.00	50.04 1.21 0.00	51.62 0.81 0.00	53.40 1.01 0.00	47.53 1.94 0.00	38.68 1.92 0.00
LINDHRST_69_KV_BK1 356055	40.78 3.24 0.00	36.29 2.38 0.00	31.24 2.09 0.00	31.67 1.91 0.00	32.00 1.80 0.00	35.94 1.60 0.00	38.55 1.64 0.00	35.53 1.61 0.00	30.71 1.76 0.00	32.08 1.99 0.00	35.07 2.44 -0.06	40.79 3.10 -0.59	46.65 3.49 -1.19	50.59 4.01 -0.81	49.36 3.80 -1.74	49.44 3.45 -0.96	47.46 2.99 0.00	52.33 2.78 0.00	51.02 2.37 -0.22	50.67 1.83 -0.01	52.09 1.28 0.00	53.77 1.38 0.00	47.70 2.12 0.00	38.96 2.20 0.00
LIPA_MISC_IPP 23656	40.56 3.02 0.00	35.90 1.99 0.00	31.08 1.93 0.00	31.56 1.80 0.00	31.84 1.64 0.00	35.61 1.27 0.00	38.20 1.30 0.00	35.06 1.15 0.00	30.34 1.39 0.00	31.71 1.61 0.00	34.64 2.01 -0.06	40.34 2.65 -0.59	46.10 2.94 -1.19	50.04 3.47 -0.81	48.93 3.37 -1.74	48.96 2.96 -0.96	46.94 2.47 0.00	51.81 2.26 0.00	50.74 1.93 -0.38	50.17 1.34 0.00	51.47 0.66 0.00	53.07 0.67 0.00	47.09 1.51 0.00	38.44 1.68 0.00
LISF____SOLAR 323691	40.65 3.11 0.00	35.98 2.07 0.00	31.15 2.00 0.00	31.62 1.86 0.00	31.90 1.70 0.00	35.68 1.34 0.00	38.27 1.37 0.00	35.13 1.21 0.00	30.39 1.44 0.00	31.75 1.66 0.00	34.69 2.06 -0.06	40.38 2.69 -0.58	46.15 2.99 -1.18	50.09 3.52 -0.81	49.00 3.43 -1.74	49.03 3.04 -0.96	47.03 2.56 0.00	51.93 2.39 0.00	50.89 2.07 -0.39	50.33 1.49 0.00	51.62 0.81 0.00	53.23 0.83 0.00	47.22 1.63 0.00	38.53 1.76 0.00
LITTLE FALLS____HYD 24013	38.18 0.64 0.00	34.50 0.59 0.00	29.83 0.68 0.00	30.42 0.65 0.00	30.86 0.65 0.00	34.88 0.53 0.00	37.23 0.33 0.00	33.73 -0.19 0.00	28.28 -0.66 0.00	29.01 -1.09 0.00	31.22 -1.35 0.00	35.77 -1.33 0.00	40.36 -1.62 0.00	44.08 -1.69 0.00	42.15 -1.68 0.00	43.35 -1.68 0.00	42.68 -1.80 0.00	47.79 -1.76 0.00	47.29 -1.15 0.00	48.51 -0.31 0.00	50.79 -0.03 0.00	52.19 -0.21 0.00	45.63 0.05 0.00	37.11 0.34 0.00

LITTLRIV_115KV_TB1 356100	38.64 1.10 0.00	34.87 0.97 0.00	29.90 0.75 0.00	30.58 0.82 0.00	31.09 0.89 0.00	35.63 1.29 0.00	38.45 1.55 0.00	35.27 1.36 0.00	29.89 0.94 0.00	31.07 0.97 0.00	33.59 1.01 0.00	38.01 0.90 0.00	43.00 1.02 0.00	46.84 1.08 0.00	44.68 0.85 0.00	45.66 0.62 0.00	44.98 0.51 0.00	50.33 0.78 0.00	49.44 1.00 0.00	50.38 1.55 0.00	53.26 2.45 0.00	55.40 3.00 0.00	47.35 1.76 0.00	37.67 0.90 0.00
LI_NEWBRDGE___DRP 323616	40.06 2.52 0.00	35.72 1.81 0.00	30.76 1.61 0.00	31.20 1.44 0.00	31.55 1.35 0.00	35.45 1.11 0.00	38.02 1.12 0.00	35.05 1.14 0.00	30.26 1.31 0.00	31.62 1.52 0.00	34.49 1.86 -0.06	40.11 2.41 -0.59	45.87 2.70 -1.19	49.65 3.08 -0.81	48.49 2.93 -1.74	48.58 2.58 -0.96	46.66 2.19 0.00	51.38 1.83 0.00	49.87 1.44 0.00	49.74 0.91 0.00	51.21 0.40 0.00	52.93 0.53 0.00	47.00 1.42 0.00	38.40 1.64 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.11 -1.43 0.00	32.96 -0.95 0.00	27.85 -1.30 0.00	28.63 -1.13 0.00	29.25 -0.96 0.00	33.47 -0.87 0.00	34.95 -1.95 0.00	31.96 -1.95 0.00	27.58 -1.36 0.00	29.03 -1.07 0.00	31.80 -0.77 0.00	36.09 -1.02 0.00	40.93 -1.04 0.00	44.58 -1.17 0.00	42.63 -1.20 0.00	43.67 -1.36 0.00	43.41 -1.06 0.00	48.68 -0.86 0.00	47.59 -0.84 0.00	47.71 -1.12 0.00	49.66 -1.16 0.00	51.35 -1.04 0.00	45.86 0.27 0.00	36.77 0.00 0.00
LOCKPORT___CC1 323769	36.08 -1.46 0.00	32.93 -0.98 0.00	27.84 -1.31 0.00	28.62 -1.14 0.00	29.23 -0.97 0.00	33.43 -0.91 0.00	34.94 -1.96 0.00	31.94 -1.97 0.00	27.57 -1.37 0.00	29.01 -1.08 0.00	31.78 -0.80 0.00	36.06 -1.05 0.00	40.92 -1.06 0.00	44.58 -1.18 0.00	42.60 -1.23 0.00	43.60 -1.43 0.00	43.41 -1.07 0.00	48.68 -0.87 0.00	47.57 -0.86 0.00	47.69 -1.14 0.00	49.61 -1.20 0.00	51.31 -1.08 0.00	45.84 0.25 0.00	36.74 -0.02 0.00
LOCKPORT___CC2 323770	36.08 -1.46 0.00	32.93 -0.98 0.00	27.84 -1.31 0.00	28.62 -1.14 0.00	29.23 -0.97 0.00	33.43 -0.91 0.00	34.94 -1.96 0.00	31.94 -1.97 0.00	27.57 -1.37 0.00	29.01 -1.08 0.00	31.78 -0.80 0.00	36.06 -1.05 0.00	40.92 -1.06 0.00	44.58 -1.18 0.00	42.60 -1.23 0.00	43.60 -1.43 0.00	43.41 -1.07 0.00	48.68 -0.87 0.00	47.57 -0.86 0.00	47.69 -1.14 0.00	49.61 -1.20 0.00	51.31 -1.08 0.00	45.84 0.25 0.00	36.74 -0.02 0.00
LOCKPORT___CC3 323771	36.08 -1.46 0.00	32.93 -0.98 0.00	27.84 -1.31 0.00	28.62 -1.14 0.00	29.23 -0.97 0.00	33.43 -0.91 0.00	34.94 -1.96 0.00	31.94 -1.97 0.00	27.57 -1.37 0.00	29.01 -1.08 0.00	31.78 -0.80 0.00	36.06 -1.05 0.00	40.92 -1.06 0.00	44.58 -1.18 0.00	42.60 -1.23 0.00	43.60 -1.43 0.00	43.41 -1.07 0.00	48.68 -0.87 0.00	47.57 -0.86 0.00	47.69 -1.14 0.00	49.61 -1.20 0.00	51.31 -1.08 0.00	45.84 0.25 0.00	36.74 -0.02 0.00
LOCUSVLY_69_KV_BK2 55797	40.37 2.83 0.00	36.04 2.13 0.00	31.01 1.86 0.00	31.45 1.69 0.00	31.82 1.62 0.00	35.77 1.43 0.00	38.36 1.46 0.00	35.39 1.47 0.00	30.52 1.57 0.00	31.89 1.79 0.00	34.81 2.18 -0.06	40.48 2.79 -0.59	46.34 3.18 -1.19	50.20 3.63 -0.81	49.05 3.49 -1.74	49.26 3.27 -0.96	47.43 2.95 0.00	52.15 2.60 0.00	50.53 2.10 0.00	50.39 1.55 0.00	51.90 1.08 0.00	53.70 1.31 0.00	47.60 2.01 0.00	38.85 2.08 0.00
LONG_LAKE_PHOENIX 24014	36.88 -0.66 0.00	33.33 -0.58 0.00	28.61 -0.54 0.00	29.19 -0.57 0.00	29.66 -0.55 0.00	33.70 -0.64 0.00	36.07 -0.83 0.00	33.10 -0.81 0.00	28.21 -0.73 0.00	29.32 -0.78 0.00	31.76 -0.81 0.00	36.21 -0.90 0.00	41.00 -0.98 0.00	44.66 -1.10 0.00	42.82 -1.01 0.00	44.03 -1.00 0.00	43.53 -0.95 0.00	48.63 -0.92 0.00	47.62 -0.81 0.00	48.11 -0.72 0.00	50.06 -0.75 0.00	51.58 -0.82 0.00	44.97 -0.61 0.00	36.28 -0.48 0.00
LOVETT___3 23632	39.46 1.92 0.00	35.43 1.52 0.00	30.48 1.33 0.00	30.95 1.19 0.00	31.37 1.17 0.00	35.31 0.96 0.00	37.84 0.94 0.00	34.95 1.04 0.00	30.06 1.12 0.00	31.35 1.25 0.00	34.01 1.38 -0.06	39.45 1.79 -0.55	45.10 2.00 -1.12	48.23 2.24 -0.23	47.49 2.17 -1.49	48.19 2.24 -0.91	46.55 2.07 0.00	51.40 1.86 0.00	49.87 1.44 0.00	49.84 1.00 0.00	51.50 0.69 0.00	53.22 0.82 0.00	47.16 1.57 0.00	38.36 1.60 0.00
LOVETT___4 23642	39.46 1.92 0.00	35.43 1.52 0.00	30.48 1.33 0.00	30.95 1.19 0.00	31.37 1.17 0.00	35.31 0.96 0.00	37.84 0.94 0.00	34.95 1.04 0.00	30.06 1.12 0.00	31.35 1.25 0.00	34.01 1.38 -0.06	39.45 1.79 -0.55	45.10 2.00 -1.12	48.23 2.24 -0.23	47.49 2.17 -1.49	48.19 2.24 -0.91	46.55 2.07 0.00	51.40 1.86 0.00	49.87 1.44 0.00	49.84 1.00 0.00	51.50 0.69 0.00	53.22 0.82 0.00	47.16 1.57 0.00	38.36 1.60 0.00
LOVETT___5 23593	39.46 1.92 0.00	35.43 1.52 0.00	30.48 1.33 0.00	30.95 1.19 0.00	31.37 1.17 0.00	35.31 0.96 0.00	37.84 0.94 0.00	34.95 1.04 0.00	30.06 1.12 0.00	31.35 1.25 0.00	34.01 1.38 -0.06	39.45 1.79 -0.55	45.10 2.00 -1.12	48.23 2.24 -0.23	47.49 2.17 -1.49	48.19 2.24 -0.91	46.55 2.07 0.00	51.40 1.86 0.00	49.87 1.44 0.00	49.84 1.00 0.00	51.50 0.69 0.00	53.22 0.82 0.00	47.16 1.57 0.00	38.36 1.60 0.00
LOWER RAQUET___HYD 24057	38.20 0.66 0.00	34.49 0.58 0.00	29.58 0.43 0.00	30.25 0.49 0.00	30.74 0.54 0.00	35.21 0.87 0.00	38.00 1.10 0.00	34.95 1.03 0.00	29.72 0.78 0.00	30.94 0.84 0.00	33.47 0.90 0.00	37.85 0.74 0.00	42.82 0.84 0.00	46.69 0.93 0.00	44.52 0.69 0.00	45.48 0.44 0.00	44.76 0.29 0.00	50.08 0.54 0.00	49.13 0.70 0.00	49.83 1.00 0.00	52.45 1.64 0.00	54.60 2.20 0.00	46.75 1.17 0.00	37.26 0.49 0.00
LOWER___HUDSON 24059	38.99 1.45 0.00	35.14 1.23 0.00	30.28 1.13 0.00	30.89 1.13 0.00	31.33 1.13 0.00	35.42 1.08 0.00	37.89 0.98 0.00	34.77 0.85 0.00	29.58 0.63 0.00	30.55 0.45 0.00	32.81 0.30 0.07	36.81 0.39 0.69	41.01 0.43 1.40	45.98 0.50 0.29	42.36 0.38 1.85	44.35 0.45 1.14	44.78 0.31 0.00	49.94 0.40 0.00	48.96 0.53 0.00	49.56 0.73 0.00	51.69 0.87 0.00	53.23 0.84 0.00	46.52 0.93 0.00	37.77 1.01 0.00
LOWVILLE_115KV_TB2 356335	38.88 1.34 0.00	35.19 1.28 0.00	30.21 1.06 0.00	30.85 1.09 0.00	31.39 1.18 0.00	35.80 1.46 0.00	38.49 1.59 0.00	35.13 1.22 0.00	29.60 0.65 0.00	30.63 0.53 0.00	33.11 0.54 0.00	37.62 0.51 0.00	42.49 0.52 0.00	46.22 0.47 0.00	44.18 0.35 0.00	45.41 0.38 0.00	44.78 0.31 0.00	50.32 0.77 0.00	49.60 1.17 0.00	50.78 1.94 0.00	53.54 2.73 0.00	55.52 3.13 0.00	48.07 2.49 0.00	38.46 1.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.39 1.85 0.00	35.48 1.57 0.00	30.55 1.40 0.00	31.15 1.39 0.00	31.61 1.41 0.00	35.81 1.47 0.00	38.31 1.41 0.00	35.13 1.21 0.00	29.86 0.91 0.00	30.79 0.70 0.00	33.06 0.55 0.05	37.29 0.71 0.53	41.71 0.81 1.08	46.43 0.90 0.22	43.15 0.76 1.43	45.02 0.87 0.88	45.32 0.84 0.00	50.68 1.13 0.00	49.89 1.46 0.00	50.59 1.76 0.00	52.74 1.93 0.00	54.27 1.88 0.00	47.33 1.75 0.00	38.34 1.58 0.00

LUTHERNY_35_KV_BK2 355980	39.39 1.85 0.00	35.46 1.56 0.00	30.54 1.39 0.00	31.14 1.38 0.00	31.60 1.40 0.00	35.83 1.49 0.00	38.34 1.43 0.00	35.16 1.24 0.00	29.92 0.97 0.00	30.80 0.71 0.00	33.07 0.56 0.05	37.27 0.70 0.53	41.72 0.83 1.08	46.43 0.89 0.22	43.14 0.75 1.43	45.04 0.89 0.88	45.35 0.88 0.00	50.72 1.17 0.00	49.96 1.53 0.00	50.65 1.82 0.00	52.78 1.97 0.00	54.28 1.88 0.00	47.33 1.75 0.00	38.37 1.61 0.00
LWR___OSWEGATCHIE_HYD 23850	38.45 0.91 0.00	34.76 0.85 0.00	29.82 0.67 0.00	30.48 0.72 0.00	31.00 0.80 0.00	35.44 1.10 0.00	38.17 1.27 0.00	34.95 1.04 0.00	29.57 0.63 0.00	30.69 0.59 0.00	33.19 0.61 0.00	37.60 0.49 0.00	42.49 0.52 0.00	46.25 0.49 0.00	44.16 0.33 0.00	45.24 0.21 0.00	44.55 0.08 0.00	50.00 0.45 0.00	49.17 0.74 0.00	50.14 1.31 0.00	52.90 2.09 0.00	55.02 2.62 0.00	47.38 1.79 0.00	37.81 1.05 0.00
LYONS_FALL_HYD 23570	38.74 1.20 0.00	35.02 1.11 0.00	30.08 0.93 0.00	30.72 0.96 0.00	31.22 1.02 0.00	35.57 1.23 0.00	38.22 1.32 0.00	34.94 1.03 0.00	29.54 0.60 0.00	30.60 0.50 0.00	33.10 0.53 0.00	37.66 0.55 0.00	42.56 0.58 0.00	46.32 0.57 0.00	44.31 0.48 0.00	45.55 0.52 0.00	44.96 0.49 0.00	50.44 0.89 0.00	49.64 1.21 0.00	50.60 1.77 0.00	53.11 2.29 0.00	54.93 2.54 0.00	47.67 2.08 0.00	38.21 1.45 0.00
MADISON___COUNTY_LFGE 323628	38.67 1.13 0.00	34.94 1.03 0.00	29.99 0.84 0.00	30.61 0.85 0.00	31.10 0.90 0.00	35.38 1.04 0.00	37.99 1.09 0.00	34.73 0.82 0.00	29.43 0.49 0.00	30.53 0.43 0.00	33.07 0.49 0.00	37.69 0.59 0.00	42.60 0.63 0.00	46.45 0.70 0.00	44.49 0.66 0.00	45.78 0.75 0.00	45.25 0.78 0.00	50.67 1.12 0.00	49.76 1.33 0.00	50.53 1.70 0.00	52.77 1.96 0.00	54.40 2.00 0.00	47.34 1.76 0.00	38.04 1.28 0.00
MALONE___115KV_TB1 356076	38.32 0.78 0.00	34.54 0.63 0.00	29.64 0.48 0.00	30.29 0.53 0.00	30.78 0.58 0.00	35.24 0.90 0.00	38.01 1.11 0.00	34.99 1.08 0.00	29.86 0.91 0.00	31.08 0.99 0.00	33.66 1.09 0.00	38.08 0.98 0.00	43.08 1.11 0.00	47.02 1.26 0.00	44.88 1.05 0.00	45.97 0.94 0.00	45.46 0.98 0.00	50.85 1.31 0.00	49.87 1.45 0.00	50.47 1.64 0.00	52.90 2.09 0.00	54.79 2.39 0.00	46.88 1.30 0.00	37.34 0.58 0.00
MAPLEWOD_115KV_TB3 80458	38.73 1.20 0.00	35.02 1.11 0.00	30.18 1.03 0.00	30.78 1.02 0.00	31.20 1.00 0.00	35.27 0.93 0.00	37.70 0.80 0.00	34.60 0.69 0.00	29.41 0.47 0.00	30.45 0.35 0.00	32.72 0.20 0.05	36.84 0.25 0.51	41.14 0.20 1.04	45.81 0.27 0.21	42.67 0.22 1.38	44.47 0.28 0.84	44.64 0.17 0.00	49.75 0.20 0.00	48.68 0.25 0.00	49.19 0.35 0.00	51.19 0.38 0.00	52.73 0.33 0.00	46.09 0.51 0.00	37.45 0.69 0.00
MAPLE_RIDGE_WT_1 323574	37.47 -0.07 0.00	33.87 -0.04 0.00	29.15 0.00 0.00	29.78 0.02 0.00	30.23 0.03 0.00	34.42 0.07 0.00	36.99 0.08 0.00	34.00 0.09 0.00	29.02 0.07 0.00	30.19 0.09 0.00	32.66 0.09 0.00	37.15 0.04 0.00	42.02 0.04 0.00	45.81 0.05 0.00	43.85 0.02 0.00	45.04 0.00 0.00	44.49 0.02 0.00	49.61 0.06 0.00	48.52 0.09 0.00	48.93 0.10 0.00	50.98 0.17 0.00	52.61 0.21 0.00	45.61 0.03 0.00	36.70 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	37.47 -0.07 0.00	33.87 -0.04 0.00	29.15 0.00 0.00	29.78 0.02 0.00	30.23 0.03 0.00	34.42 0.07 0.00	36.99 0.08 0.00	34.00 0.09 0.00	29.02 0.07 0.00	30.19 0.09 0.00	32.66 0.09 0.00	37.15 0.04 0.00	42.02 0.04 0.00	45.81 0.05 0.00	43.85 0.02 0.00	45.04 0.00 0.00	44.49 0.02 0.00	49.61 0.06 0.00	48.52 0.09 0.00	48.93 0.10 0.00	50.98 0.17 0.00	52.61 0.21 0.00	45.61 0.03 0.00	36.70 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	37.88 0.34 0.00	34.16 0.25 0.00	29.33 0.18 0.00	29.97 0.22 0.00	30.46 0.26 0.00	34.82 0.48 0.00	37.54 0.63 0.00	34.57 0.66 0.00	29.54 0.60 0.00	30.75 0.65 0.00	33.31 0.73 0.00	37.76 0.66 0.00	42.72 0.74 0.00	46.62 0.86 0.00	44.53 0.70 0.00	45.70 0.66 0.00	45.19 0.71 0.00	50.49 0.94 0.00	49.52 1.09 0.00	49.92 1.09 0.00	52.12 1.30 0.00	53.87 1.47 0.00	46.20 0.62 0.00	36.89 0.13 0.00
MARSHVLE_115KV_TB1 80742	39.32 1.78 0.00	35.56 1.65 0.00	30.57 1.43 0.00	31.21 1.45 0.00	31.69 1.48 0.00	36.10 1.75 0.00	38.62 1.71 0.00	35.12 1.20 0.00	29.74 0.80 0.00	30.96 0.87 0.00	33.59 1.05 0.03	38.03 1.23 0.31	42.88 1.53 0.63	47.35 1.72 0.13	44.59 1.59 0.83	46.11 1.59 0.51	46.10 1.63 0.00	51.49 1.94 0.00	50.71 2.28 0.00	51.90 3.07 0.00	54.39 3.58 0.00	56.18 3.78 0.00	48.87 3.28 0.00	39.11 2.35 0.00
MARSH_HILL_WT_PWR 323713	37.42 -0.12 0.00	33.99 0.08 0.00	28.86 -0.29 0.00	29.40 -0.36 0.00	30.04 -0.16 0.00	34.11 -0.23 0.00	36.20 -0.70 0.00	32.99 -0.92 0.00	28.20 -0.75 0.00	29.32 -0.77 0.00	31.92 -0.66 0.00	36.32 -0.79 0.00	41.42 -0.55 0.00	45.11 -0.65 0.00	43.20 -0.63 0.00	44.30 -0.73 0.00	44.18 -0.30 0.00	49.46 -0.08 0.00	48.54 0.11 0.00	49.19 0.36 0.00	51.41 0.60 0.00	53.01 0.61 0.00	46.81 1.22 0.00	37.66 0.89 0.00
MCINTYRE_115KV_TB2 80467	38.73 1.20 0.00	34.97 1.06 0.00	29.98 0.83 0.00	30.67 0.91 0.00	31.17 0.96 0.00	35.74 1.40 0.00	38.57 1.67 0.00	35.35 1.43 0.00	29.91 0.96 0.00	31.10 1.00 0.00	33.63 1.06 0.00	38.03 0.92 0.00	43.05 1.07 0.00	46.91 1.15 0.00	44.76 0.93 0.00	45.76 0.73 0.00	45.16 0.69 0.00	50.49 0.95 0.00	49.58 1.15 0.00	50.57 1.74 0.00	53.58 2.77 0.00	55.65 3.25 0.00	47.48 1.90 0.00	37.75 0.98 0.00
MECO_____69_KV_BK1 80468	39.81 2.27 0.00	35.93 2.02 0.00	30.89 1.74 0.00	31.51 1.75 0.00	31.99 1.79 0.00	36.39 2.05 0.00	38.91 2.01 0.00	35.31 1.39 0.00	29.62 0.67 0.00	30.56 0.47 0.00	33.00 0.46 0.04	37.48 0.71 0.34	42.13 0.85 0.69	46.62 1.00 0.14	43.84 0.93 0.92	45.30 0.83 0.56	45.17 0.69 0.00	50.75 1.20 0.00	50.38 1.95 0.00	51.95 3.12 0.00	54.57 3.76 0.00	56.28 3.89 0.00	48.97 3.38 0.00	39.29 2.53 0.00
MENANDS___115KV_TB5 355628	38.51 0.97 0.00	34.85 0.94 0.00	30.05 0.90 0.00	30.65 0.89 0.00	31.08 0.87 0.00	35.10 0.76 0.00	37.52 0.62 0.00	34.44 0.53 0.00	29.26 0.32 0.00	30.30 0.20 0.00	32.57 0.05 0.05	36.65 0.06 0.51	40.90 -0.04 1.04	45.54 -0.01 0.21	42.41 -0.05 1.38	44.18 -0.01 0.84	44.35 -0.12 0.00	49.37 -0.18 0.00	48.24 -0.19 0.00	48.72 -0.10 0.00	50.71 -0.10 0.00	52.22 -0.17 0.00	45.69 0.10 0.00	37.17 0.41 0.00
MG INDUSTRY___DRP 24185	38.48 0.94 0.00	34.86 0.95 0.00	30.09 0.94 0.00	30.69 0.93 0.00	31.13 0.93 0.00	35.20 0.85 0.00	37.61 0.70 0.00	34.44 0.52 0.00	29.21 0.27 0.00	30.21 0.11 0.00	32.49 -0.06 0.03	36.66 -0.17 0.28	40.89 -0.52 0.57	44.66 -0.98 0.12	42.00 -1.07 0.76	43.53 -1.04 0.46	43.35 -1.12 0.01	39.51 -1.31 8.73	47.17 -1.25 0.00	47.73 -1.11 0.00	49.71 -1.10 0.00	51.23 -1.17 0.00	38.61 -0.81 6.17	36.39 -0.38 0.00

MID___OSWEGATCHIE_HYD 23849	38.45 0.91 0.00	34.76 0.85 0.00	29.82 0.67 0.00	30.48 0.72 0.00	31.00 0.80 0.00	35.44 1.10 0.00	38.17 1.27 0.00	34.95 1.04 0.00	29.57 0.63 0.00	30.69 0.59 0.00	33.19 0.61 0.00	37.60 0.49 0.00	42.49 0.52 0.00	46.25 0.49 0.00	44.16 0.33 0.00	45.24 0.21 0.00	44.55 0.08 0.00	50.00 0.45 0.00	49.17 0.74 0.00	50.14 1.31 0.00	52.90 2.09 0.00	55.02 2.62 0.00	47.38 1.79 0.00	37.81 1.05 0.00
MID___RAQUETTE_HYD 23851	38.20 0.66 0.00	34.49 0.58 0.00	29.58 0.43 0.00	30.25 0.49 0.00	30.74 0.54 0.00	35.21 0.87 0.00	38.00 1.10 0.00	34.95 1.03 0.00	29.72 0.78 0.00	30.94 0.84 0.00	33.47 0.90 0.00	37.85 0.74 0.00	42.82 0.84 0.00	46.69 0.93 0.00	44.52 0.69 0.00	45.47 0.44 0.00	44.76 0.28 0.00	50.08 0.54 0.00	49.13 0.70 0.00	49.83 1.00 0.00	52.45 1.64 0.00	54.60 2.20 0.00	46.75 1.17 0.00	37.26 0.49 0.00
MILLIKEN___1 23584	37.96 0.42 0.00	34.33 0.42 0.00	29.45 0.30 0.00	30.02 0.26 0.00	30.55 0.36 0.00	34.69 0.35 0.00	37.17 0.27 0.00	34.00 0.08 0.00	28.94 -0.01 0.00	29.93 -0.16 0.00	32.38 -0.19 0.00	37.00 -0.11 0.00	42.00 0.02 0.00	45.71 -0.04 0.00	43.86 0.03 0.00	45.08 0.05 0.00	44.72 0.24 0.00	49.93 0.38 0.00	49.02 0.59 0.00	49.63 0.80 0.00	51.73 0.92 0.00	53.31 0.91 0.00	46.63 1.05 0.00	37.59 0.82 0.00
MILLIKEN___2 23585	37.96 0.42 0.00	34.33 0.42 0.00	29.45 0.30 0.00	30.02 0.26 0.00	30.55 0.36 0.00	34.69 0.35 0.00	37.17 0.27 0.00	34.00 0.08 0.00	28.94 -0.01 0.00	29.93 -0.16 0.00	32.38 -0.19 0.00	37.00 -0.11 0.00	42.00 0.02 0.00	45.71 -0.04 0.00	43.86 0.03 0.00	45.08 0.05 0.00	44.72 0.24 0.00	49.93 0.38 0.00	49.02 0.59 0.00	49.63 0.80 0.00	51.73 0.92 0.00	53.31 0.91 0.00	46.63 1.05 0.00	37.59 0.82 0.00
MILLIKEN___DIESEL 23629	37.96 0.42 0.00	34.33 0.42 0.00	29.45 0.30 0.00	30.02 0.26 0.00	30.55 0.36 0.00	34.69 0.35 0.00	37.17 0.27 0.00	34.00 0.08 0.00	28.94 -0.01 0.00	29.93 -0.16 0.00	32.38 -0.19 0.00	37.00 -0.11 0.00	42.00 0.02 0.00	45.71 -0.04 0.00	43.86 0.03 0.00	45.08 0.05 0.00	44.72 0.24 0.00	49.93 0.38 0.00	49.02 0.59 0.00	49.63 0.80 0.00	51.73 0.92 0.00	53.31 0.91 0.00	46.63 1.05 0.00	37.59 0.82 0.00
MILLSEAT___LFGE 323607	36.93 -0.61 0.00	33.63 -0.28 0.00	28.47 -0.68 0.00	29.23 -0.54 0.00	29.84 -0.36 0.00	34.14 -0.20 0.00	35.84 -1.06 0.00	32.78 -1.14 0.00	28.13 -0.82 0.00	29.47 -0.62 0.00	32.20 -0.37 0.00	36.67 -0.44 0.00	41.57 -0.40 0.00	45.31 -0.45 0.00	43.43 -0.40 0.00	44.70 -0.34 0.00	44.25 -0.23 0.00	49.57 0.02 0.00	48.55 0.12 0.00	48.97 0.14 0.00	51.07 0.26 0.00	52.78 0.38 0.00	46.87 1.29 0.00	37.51 0.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.61 2.07 0.00	35.55 1.64 0.00	30.59 1.44 0.00	31.06 1.30 0.00	31.48 1.28 0.00	35.43 1.09 0.00	37.98 1.08 0.00	35.07 1.16 0.00	30.17 1.23 0.00	31.43 1.33 0.00	34.09 1.46 -0.06	39.56 1.87 -0.58	45.26 2.11 -1.18	48.38 2.38 -0.24	47.69 2.30 -1.56	48.36 2.37 -0.96	46.68 2.21 0.00	51.54 2.00 0.00	50.01 1.58 0.00	50.00 1.17 0.00	51.67 0.86 0.00	53.40 1.00 0.00	47.30 1.72 0.00	38.47 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	39.67 2.13 0.00	35.61 1.70 0.00	30.63 1.48 0.00	31.11 1.34 0.00	31.52 1.32 0.00	35.49 1.14 0.00	38.03 1.13 0.00	35.13 1.21 0.00	30.22 1.27 0.00	31.49 1.39 0.00	34.15 1.51 -0.06	39.62 1.93 -0.58	45.34 2.19 -1.18	48.47 2.47 -0.24	47.80 2.40 -1.56	48.45 2.47 -0.96	46.78 2.31 0.00	51.65 2.10 0.00	50.13 1.70 0.00	50.11 1.28 0.00	51.79 0.98 0.00	53.50 1.11 0.00	47.39 1.81 0.00	38.53 1.77 0.00
MODEL_CITY_ENERGY 24167	35.81 -1.74 0.00	32.68 -1.22 0.00	27.61 -1.54 0.00	28.42 -1.34 0.00	29.02 -1.19 0.00	33.21 -1.13 0.00	34.62 -2.28 0.00	31.66 -2.25 0.00	27.34 -1.60 0.00	28.79 -1.31 0.00	31.54 -1.03 0.00	35.77 -1.33 0.00	40.59 -1.39 0.00	44.22 -1.55 0.00	42.25 -1.58 0.00	43.22 -1.81 0.00	42.97 -1.50 0.00	48.19 -1.36 0.00	47.08 -1.35 0.00	47.17 -1.66 0.00	49.06 -1.75 0.00	50.74 -1.66 0.00	45.39 -0.20 0.00	36.44 -0.33 0.00
MODERN_LFGE___ 323580	35.81 -1.74 0.00	32.68 -1.22 0.00	27.61 -1.54 0.00	28.42 -1.34 0.00	29.02 -1.19 0.00	33.21 -1.13 0.00	34.62 -2.28 0.00	31.66 -2.25 0.00	27.34 -1.60 0.00	28.79 -1.31 0.00	31.54 -1.03 0.00	35.77 -1.33 0.00	40.59 -1.39 0.00	44.22 -1.55 0.00	42.25 -1.58 0.00	43.22 -1.81 0.00	42.97 -1.50 0.00	48.19 -1.36 0.00	47.08 -1.35 0.00	47.17 -1.66 0.00	49.06 -1.75 0.00	50.74 -1.66 0.00	45.39 -0.20 0.00	36.44 -0.33 0.00
MOHAWK_PAPER___DRP 24187	38.73 1.20 0.00	35.02 1.11 0.00	30.18 1.03 0.00	30.78 1.02 0.00	31.20 1.00 0.00	35.27 0.93 0.00	37.70 0.80 0.00	34.60 0.69 0.00	29.41 0.47 0.00	30.45 0.35 0.00	32.72 0.20 0.05	36.84 0.25 0.51	41.14 0.20 1.04	45.81 0.27 0.21	42.67 0.22 1.38	44.47 0.28 0.84	44.64 0.17 0.00	49.75 0.20 0.00	48.68 0.25 0.00	49.19 0.35 0.00	51.19 0.38 0.00	52.73 0.33 0.00	46.09 0.51 0.00	37.45 0.69 0.00
MOHICAN___35_KV_115KV_LD 80490	39.78 2.24 0.00	35.71 1.80 0.00	30.70 1.55 0.00	31.33 1.57 0.00	31.83 1.63 0.00	36.06 1.72 0.00	38.59 1.69 0.00	35.40 1.48 0.00	30.06 1.11 0.00	30.86 0.76 0.05	32.99 0.46 0.52	37.22 0.64 1.06	41.70 0.79 0.22	46.40 0.86 0.22	43.05 0.62 1.41	44.89 0.72 0.86	45.23 0.75 0.00	50.73 1.19 0.00	50.25 1.82 0.00	51.15 2.32 0.00	53.43 2.62 0.00	54.94 2.55 0.00	47.80 2.21 0.00	38.74 1.98 0.00
MONGAUP___HYD 23641	39.52 1.98 0.00	35.53 1.62 0.00	30.54 1.40 0.00	31.05 1.29 0.00	31.49 1.28 0.00	35.52 1.18 0.00	38.06 1.16 0.00	35.02 1.10 0.00	29.83 0.89 0.00	30.89 0.79 0.00	33.42 0.80 -0.05	38.66 1.06 -0.49	44.14 1.18 -0.99	47.36 1.40 -0.20	46.51 1.37 -1.31	47.39 1.55 -0.80	45.92 1.45 0.00	51.18 1.63 0.00	49.99 1.56 0.00	50.48 1.65 0.00	52.37 1.56 0.00	54.04 1.65 0.00	47.61 2.02 0.00	38.55 1.79 0.00
MONTAUK___DIESEL 23721	42.32 4.79 0.00	37.36 3.46 0.00	32.32 3.17 0.00	32.78 3.02 0.00	32.85 2.65 0.00	36.81 2.47 0.00	39.53 2.63 0.00	36.39 2.48 0.00	31.57 2.62 0.00	33.13 3.03 0.00	36.33 3.70 -0.06	42.34 4.64 -0.59	48.31 5.15 -1.19	52.56 5.99 -0.81	51.42 5.86 -1.74	51.53 5.53 -0.96	49.32 4.84 0.00	54.63 5.08 0.00	53.49 4.68 -0.38	52.71 3.87 0.00	53.80 2.98 0.00	55.67 3.27 0.00	49.22 3.63 0.00	40.04 3.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.22 -0.32 0.00	33.87 -0.04 0.00	28.61 -0.55 0.00	29.25 -0.51 0.00	29.94 -0.26 0.00	34.12 -0.22 0.00	36.03 -0.87 0.00	33.16 -0.75 0.00	28.73 -0.22 0.00	30.33 0.23 0.00	33.23 0.66 0.00	37.86 0.75 0.00	43.08 1.10 0.00	46.92 1.16 0.00	44.95 1.12 0.00	45.98 0.95 0.00	45.09 0.62 0.00	50.42 0.87 0.00	49.43 1.00 0.00	49.32 0.48 0.00	51.22 0.41 0.00	52.83 0.43 0.00	46.89 1.30 0.00	37.76 0.99 0.00

MORRIS_RIDGE___SOLAR 323848	36.89 -0.65 0.00	33.56 -0.35 0.00	28.51 -0.64 0.00	29.11 -0.65 0.00	29.73 -0.48 0.00	33.80 -0.54 0.00	35.71 -1.19 0.00	32.35 -1.57 0.00	27.57 -1.37 0.00	28.74 -1.36 0.00	31.33 -1.24 0.00	35.65 -1.47 0.00	40.60 -1.38 0.00	44.24 -1.52 0.00	42.35 -1.48 0.00	43.42 -1.62 0.00	43.44 -1.04 0.00	48.61 -0.93 0.00	47.65 -0.78 0.00	48.20 -0.63 0.00	50.41 -0.40 0.00	52.07 -0.33 0.00	46.15 0.57 0.00	37.13 0.37 0.00
MORTIMER_115KV_TB3 55949	37.10 -0.44 0.00	33.64 -0.26 0.00	28.67 -0.48 0.00	29.34 -0.42 0.00	29.89 -0.31 0.00	34.08 -0.26 0.00	36.20 -0.70 0.00	33.23 -0.69 0.00	28.49 -0.46 0.00	29.79 -0.30 0.00	32.45 -0.12 0.00	37.01 -0.10 0.00	41.95 -0.03 0.00	45.73 -0.03 0.00	43.76 -0.06 0.00	44.87 -0.16 0.00	44.50 0.03 0.00	49.81 0.26 0.00	48.80 0.36 0.00	49.17 0.33 0.00	51.09 0.28 0.00	52.70 0.30 0.00	46.34 0.76 0.00	37.15 0.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.95 2.41 0.00	35.82 1.91 0.00	30.83 1.68 0.00	31.28 1.52 0.00	31.70 1.49 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.36 1.44 0.00	30.47 1.53 0.00	31.77 1.68 0.00	34.47 1.83 -0.06	40.02 2.33 -0.59	45.79 2.63 -1.19	48.94 2.94 -0.24	48.25 2.85 -1.58	48.90 2.91 -0.96	47.22 2.75 0.00	52.04 2.49 0.00	50.38 1.95 0.00	50.30 1.46 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.67 2.08 0.00	38.78 2.02 0.00
MUNSVILLE_WIND_PWR 323609	39.54 2.00 0.00	35.85 1.95 0.00	30.75 1.60 0.00	31.34 1.58 0.00	32.01 1.81 0.00	36.40 2.06 0.00	39.14 2.23 0.00	35.85 1.93 0.00	30.40 1.45 0.00	31.47 1.37 0.00	34.12 1.54 0.00	38.96 1.86 0.00	44.23 2.26 0.00	48.29 2.54 0.00	46.29 2.46 0.00	47.44 2.41 0.00	47.09 2.61 0.00	52.80 3.25 0.00	52.01 3.58 0.00	53.01 4.18 0.00	55.09 4.28 0.00	56.70 4.30 0.00	49.42 3.84 0.00	39.59 2.83 0.00
N SALMON___HYD 24042	38.32 0.78 0.00	34.54 0.63 0.00	29.63 0.48 0.00	30.29 0.53 0.00	30.78 0.58 0.00	35.24 0.89 0.00	38.01 1.11 0.00	34.99 1.07 0.00	29.86 0.91 0.00	31.08 0.98 0.00	33.66 1.09 0.00	38.08 0.98 0.00	43.08 1.10 0.00	47.02 1.26 0.00	44.88 1.05 0.00	45.97 0.94 0.00	45.46 0.98 0.00	50.85 1.31 0.00	49.88 1.44 0.00	50.47 1.64 0.00	52.90 2.09 0.00	54.79 2.39 0.00	46.88 1.29 0.00	37.34 0.58 0.00
N.AKRON__115KV_KNAPP 355671	36.90 -0.65 0.00	33.60 -0.31 0.00	28.44 -0.71 0.00	29.20 -0.56 0.00	29.81 -0.39 0.00	34.12 -0.22 0.00	35.80 -1.11 0.00	32.74 -1.18 0.00	28.12 -0.83 0.00	29.47 -0.63 0.00	32.23 -0.35 0.00	36.63 -0.48 0.00	41.54 -0.44 0.00	45.26 -0.50 0.00	43.51 -0.32 0.00	45.09 0.05 0.00	44.26 -0.21 0.00	49.54 0.00 0.00	48.50 0.06 0.00	48.89 0.06 0.00	50.98 0.17 0.00	52.69 0.30 0.00	46.82 1.23 0.00	37.47 0.71 0.00
N.E_GEN_SANDY PD 24062	40.86 1.49 -1.84	35.27 1.15 -0.20	29.93 1.08 0.30	30.82 1.06 0.00	31.22 1.02 0.00	35.21 0.87 0.00	37.67 0.77 0.00	34.66 0.74 0.00	29.63 0.66 -0.03	30.64 0.54 0.00	32.63 0.44 0.39	33.84 0.56 3.83	34.86 0.64 7.76	45.12 0.76 1.40	34.16 0.64 10.30	39.81 0.69 5.91	44.07 0.50 0.90	51.88 0.39 -1.94	48.17 0.34 0.60	47.30 0.38 1.92	54.15 0.40 -2.93	52.80 0.40 0.00	43.96 0.75 2.38	37.23 0.92 0.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.56 2.02 0.00	35.51 1.60 0.00	30.53 1.39 0.00	31.01 1.25 0.00	31.43 1.23 0.00	35.38 1.03 0.00	37.92 1.02 0.00	35.03 1.11 0.00	30.13 1.18 0.00	31.43 1.33 0.00	34.09 1.47 -0.06	39.57 1.92 -0.55	45.26 2.17 -1.11	48.42 2.43 -0.23	47.66 2.36 -1.48	48.39 2.45 -0.91	46.77 2.29 0.00	51.66 2.11 0.00	50.10 1.68 0.00	50.06 1.23 0.00	51.72 0.91 0.00	53.43 1.04 0.00	47.35 1.76 0.00	38.49 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	40.06 2.52 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.25 1.49 0.00	31.68 1.48 0.00	35.69 1.35 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.56 1.62 0.00	31.76 1.66 0.00	34.52 1.88 -0.06	40.13 2.44 -0.59	45.81 2.65 -1.19	48.96 2.96 -0.24	48.30 2.90 -1.58	48.98 2.98 -0.96	47.32 2.84 0.00	51.86 2.32 0.00	50.28 1.85 0.00	50.28 1.45 0.00	51.83 1.02 0.00	53.65 1.25 0.00	47.83 2.25 0.00	38.85 2.09 0.00
N.TROY___115KV_TB1 355778	38.99 1.45 0.00	35.14 1.23 0.00	30.28 1.13 0.00	30.89 1.13 0.00	31.33 1.13 0.00	35.42 1.08 0.00	37.89 0.98 0.00	34.77 0.85 0.00	29.58 0.63 0.00	30.55 0.45 0.00	32.81 0.30 0.07	36.81 0.39 0.69	41.01 0.43 1.40	45.98 0.51 0.29	42.36 0.39 1.85	44.35 0.45 1.14	44.78 0.31 0.00	49.94 0.39 0.00	48.96 0.53 0.00	49.56 0.73 0.00	51.69 0.87 0.00	53.23 0.83 0.00	46.52 0.93 0.00	37.77 1.01 0.00
NARROWS_GT1_1 24228	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_2 24229	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_3 24230	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_4 24231	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_5 24232	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00

NARROWS_GT1_6 24233	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_7 24234	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT1_8 24235	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_1 24236	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_2 24237	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_3 24238	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_4 24239	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_5 24240	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_6 24241	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_7 24242	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NARROWS_GT2_8 24243	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.02 1.48 0.00	35.36 1.45 0.00	30.49 1.34 0.00	31.10 1.34 0.00	31.55 1.35 0.00	35.71 1.37 0.00	38.18 1.28 0.00	34.98 1.07 0.00	29.54 0.59 0.00	30.44 0.35 0.00	32.62 0.06 0.02	36.96 0.04 0.19	41.54 -0.04 0.39	45.47 -0.21 0.08	43.09 -0.22 0.52	44.63 -0.08 0.32	44.24 -0.23 0.01	38.37 -0.07 11.10	48.50 0.08 0.00	49.41 0.58 0.00	51.58 0.77 0.00	53.09 0.69 0.00	38.40 0.67 7.85	37.49 0.73 0.00
NCHELSEA_115KV_TR2 355582	39.77 2.23 0.00	35.70 1.79 0.00	30.73 1.57 0.00	31.23 1.47 0.00	31.65 1.45 0.00	35.67 1.33 0.00	38.22 1.32 0.00	35.27 1.36 0.00	30.27 1.32 0.00	31.47 1.37 0.00	34.07 1.45 -0.05	39.41 1.84 -0.46	45.02 2.11 -0.94	48.39 2.43 -0.19	47.45 2.37 -1.25	48.27 2.48 -0.76	46.90 2.42 0.00	51.92 2.37 0.00	50.50 2.07 0.00	50.60 1.76 0.00	52.30 1.49 0.00	53.96 1.57 0.00	47.61 2.03 0.00	38.63 1.86 0.00
NEG CAPITAL____MECHNVIL 23645	39.47 1.93 0.00	35.56 1.65 0.00	30.61 1.46 0.00	31.20 1.44 0.00	31.67 1.47 0.00	35.85 1.51 0.00	38.37 1.46 0.00	35.20 1.28 0.00	29.93 0.99 0.00	30.89 0.79 0.00	33.16 0.64 0.06	37.33 0.81 0.59	41.73 0.95 1.20	46.56 1.05 0.25	43.14 0.90 1.59	45.11 1.04 0.97	45.47 0.99 0.00	50.86 1.31 0.00	50.02 1.59 0.00	50.70 1.86 0.00	52.84 2.03 0.00	54.36 1.96 0.00	47.41 1.83 0.00	38.40 1.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.60 -0.94 0.00	33.17 -0.74 0.00	28.30 -0.85 0.00	28.94 -0.82 0.00	29.48 -0.72 0.00	33.59 -0.75 0.00	35.77 -1.14 0.00	32.82 -1.09 0.00	28.10 -0.85 0.00	29.31 -0.78 0.00	31.87 -0.70 0.00	36.39 -0.72 0.00	41.28 -0.70 0.00	45.01 -0.75 0.00	43.09 -0.73 0.00	44.19 -0.84 0.00	43.82 -0.65 0.00	49.07 -0.47 0.00	48.11 -0.32 0.00	48.50 -0.33 0.00	50.39 -0.42 0.00	51.92 -0.47 0.00	45.56 -0.03 0.00	36.57 -0.19 0.00



NEG CENTRAL___DRP 24199	37.39 -0.15 0.00	33.84 -0.06 0.00	28.97 -0.18 0.00	29.54 -0.22 0.00	30.09 -0.11 0.00	34.19 -0.15 0.00	36.53 -0.37 0.00	32.95 -0.96 0.00	28.14 -0.81 0.00	29.05 -1.05 0.00	31.44 -1.14 0.00	35.98 -1.13 0.00	40.81 -1.17 0.00	44.37 -1.39 0.00	43.37 -0.46 0.00	44.84 -0.19 0.00	44.46 -0.01 0.00	49.60 0.06 0.00	48.68 0.25 0.00	49.22 0.39 0.00	51.22 0.41 0.00	52.77 0.37 0.00	46.31 0.72 0.00	37.28 0.51 0.00
NEG CENTRAL___INDECK 23768	38.30 0.76 0.00	34.69 0.78 0.00	29.51 0.36 0.00	30.16 0.40 0.00	30.77 0.57 0.00	35.08 0.74 0.00	37.30 0.40 0.00	33.93 0.02 0.00	28.68 -0.27 0.00	29.92 -0.17 0.00	32.61 0.03 0.00	37.16 0.06 0.00	42.25 0.28 0.00	46.04 0.28 0.00	44.00 0.17 0.00	44.90 -0.13 0.00	43.96 -0.51 0.00	48.94 -0.61 0.00	48.02 -0.41 0.00	48.96 0.13 0.00	51.52 0.71 0.00	53.23 0.83 0.00	46.82 1.24 0.00	38.28 1.51 0.00
NEG CENTRAL___SENECA 23627	37.56 0.02 0.00	34.01 0.11 0.00	29.07 -0.08 0.00	29.64 -0.12 0.00	30.24 0.04 0.00	34.37 0.02 0.00	36.73 -0.17 0.00	33.74 -0.18 0.00	28.75 -0.20 0.00	29.81 -0.28 0.00	32.31 -0.26 0.00	36.85 -0.26 0.00	41.94 -0.03 0.00	45.67 -0.09 0.00	43.64 -0.19 0.00	44.96 -0.07 0.00	44.60 0.12 0.00	49.79 0.25 0.00	48.91 0.48 0.00	49.48 0.64 0.00	51.48 0.67 0.00	53.03 0.63 0.00	46.66 1.08 0.00	37.48 0.72 0.00
NEG CENTRAL___STATE_STREET 24147	37.60 0.06 0.00	34.02 0.11 0.00	29.16 0.01 0.00	29.76 0.00 0.00	30.26 0.06 0.00	34.39 0.04 0.00	36.82 -0.08 0.00	33.55 -0.36 0.00	28.67 -0.27 0.00	29.66 -0.44 0.00	32.11 -0.47 0.00	36.82 -0.29 0.00	41.76 -0.22 0.00	45.43 -0.33 0.00	43.78 -0.04 0.00	44.89 -0.15 0.00	44.64 0.16 0.00	49.84 0.30 0.00	48.87 0.44 0.00	49.22 0.38 0.00	51.25 0.44 0.00	52.80 0.41 0.00	46.18 0.60 0.00	37.34 0.57 0.00
NEG MILLWOOD___DRP 24198	39.84 2.30 0.00	35.75 1.84 0.00	30.77 1.62 0.00	31.26 1.50 0.00	31.68 1.47 0.00	35.68 1.34 0.00	38.25 1.35 0.00	35.32 1.40 0.00	30.35 1.40 0.00	31.57 1.47 0.00	34.21 1.59 -0.05	39.63 2.00 -0.52	45.33 2.30 -1.06	48.62 2.65 -0.22	47.80 2.57 -1.40	48.56 2.68 -0.86	47.04 2.56 0.00	52.06 2.51 0.00	50.63 2.20 0.00	50.67 1.85 0.00	52.35 1.53 0.00	54.01 1.62 0.00	47.69 2.11 0.00	38.69 1.93 0.00
NEG NORTH_FLCN_SEA 23793	38.94 1.40 0.00	34.99 1.08 0.00	30.09 0.94 0.00	30.75 0.99 0.00	31.27 1.07 0.00	35.67 1.33 0.00	38.38 1.48 0.00	35.35 1.44 0.00	30.22 1.28 0.00	31.38 1.28 0.00	34.01 1.43 0.00	38.70 1.59 0.00	43.78 1.80 0.00	47.80 2.04 0.00	45.60 1.77 0.00	46.85 1.82 0.00	46.27 1.80 0.00	51.85 2.31 0.00	51.08 2.64 0.00	51.42 2.58 0.00	53.50 2.69 0.00	55.31 2.91 0.00	47.46 1.87 0.00	37.86 1.09 0.00
NEG NORTH_KES_CHATEGAY 23792	37.99 0.45 0.00	34.25 0.34 0.00	29.39 0.24 0.00	30.05 0.28 0.00	30.53 0.33 0.00	34.92 0.58 0.00	37.67 0.77 0.00	34.63 0.72 0.00	29.57 0.62 0.00	30.78 0.68 0.00	33.34 0.77 0.00	37.77 0.66 0.00	42.74 0.77 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.70 0.67 0.00	45.21 0.74 0.00	50.51 0.96 0.00	49.53 1.11 0.00	50.04 1.21 0.00	52.34 1.53 0.00	54.14 1.75 0.00	46.39 0.80 0.00	36.97 0.21 0.00
NEG NORTH___ALICE_FALLS 23915	38.92 1.37 0.00	34.98 1.07 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.23 1.03 0.00	35.65 1.31 0.00	38.37 1.47 0.00	35.32 1.41 0.00	30.16 1.21 0.00	31.32 1.22 0.00	33.93 1.36 0.00	38.59 1.48 0.00	43.63 1.66 0.00	47.64 1.88 0.00	45.46 1.64 0.00	46.72 1.69 0.00	46.16 1.69 0.00	51.72 2.17 0.00	51.04 2.61 0.00	51.38 2.55 0.00	53.58 2.77 0.00	55.40 3.00 0.00	47.49 1.90 0.00	37.86 1.10 0.00
NEG NORTH___LWR_SARANAC 23913	38.92 1.37 0.00	34.98 1.07 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.23 1.03 0.00	35.65 1.31 0.00	38.37 1.47 0.00	35.32 1.41 0.00	30.16 1.21 0.00	31.32 1.22 0.00	33.93 1.36 0.00	38.59 1.48 0.00	43.63 1.66 0.00	47.64 1.88 0.00	45.46 1.64 0.00	46.72 1.69 0.00	46.16 1.69 0.00	51.72 2.17 0.00	51.04 2.61 0.00	51.38 2.55 0.00	53.58 2.77 0.00	55.40 3.00 0.00	47.49 1.90 0.00	37.86 1.10 0.00
NEG NORTH___PLATTSBURG 23628	38.91 1.37 0.00	34.98 1.08 0.00	30.07 0.92 0.00	30.72 0.96 0.00	31.23 1.03 0.00	35.65 1.31 0.00	38.37 1.47 0.00	35.32 1.41 0.00	30.16 1.21 0.00	31.32 1.22 0.00	33.93 1.36 0.00	38.58 1.48 0.00	43.64 1.66 0.00	47.64 1.88 0.00	45.46 1.64 0.00	46.72 1.69 0.00	46.17 1.69 0.00	51.72 2.17 0.00	51.04 2.61 0.00	51.38 2.55 0.00	53.58 2.77 0.00	55.39 3.00 0.00	47.49 1.90 0.00	37.86 1.10 0.00
NEG WEST_LEA_LOCKPORT 23791	36.08 -1.46 0.00	32.94 -0.97 0.00	27.84 -1.31 0.00	28.62 -1.15 0.00	29.23 -0.97 0.00	33.43 -0.91 0.00	34.93 -1.97 0.00	31.94 -1.97 0.00	27.57 -1.38 0.00	29.01 -1.08 0.00	31.78 -0.80 0.00	36.05 -1.05 0.00	40.91 -1.07 0.00	44.55 -1.21 0.00	42.58 -1.25 0.00	43.62 -1.41 0.00	43.41 -1.06 0.00	48.68 -0.86 0.00	47.57 -0.86 0.00	47.68 -1.15 0.00	49.62 -1.19 0.00	51.33 -1.07 0.00	45.84 0.25 0.00	36.74 -0.02 0.00
NEG WEST___LANCASTR 23811	36.29 -1.25 0.00	33.09 -0.82 0.00	28.02 -1.13 0.00	28.71 -1.05 0.00	29.36 -0.84 0.00	33.49 -0.85 0.00	35.24 -1.66 0.00	32.40 -1.51 0.00	28.02 -0.93 0.00	29.44 -0.65 0.00	32.20 -0.38 0.00	36.55 -0.56 0.00	41.56 -0.42 0.00	45.21 -0.55 0.00	43.25 -0.58 0.00	44.31 -0.72 0.00	43.80 -0.68 0.00	49.13 -0.41 0.00	47.97 -0.46 0.00	48.06 -0.77 0.00	49.99 -0.82 0.00	51.75 -0.64 0.00	46.08 0.49 0.00	36.86 0.09 0.00
NEG_PENN_ALLEGHNY 23528	37.72 0.18 0.00	34.14 0.23 0.00	29.30 0.15 0.00	29.85 0.09 0.00	30.42 0.21 0.00	34.45 0.11 0.00	36.84 -0.06 0.00	33.75 -0.17 0.00	28.84 -0.11 0.00	29.98 -0.12 0.00	32.51 -0.06 0.00	37.10 -0.01 0.00	42.10 0.13 0.00	45.85 0.09 0.00	43.99 0.17 0.00	45.21 0.18 0.00	44.74 0.27 0.00	49.86 0.31 0.00	48.76 0.33 0.00	49.17 0.34 0.00	51.08 0.27 0.00	52.71 0.31 0.00	46.23 0.65 0.00	37.25 0.48 0.00
NEG___GEN_MONROE 24207	37.31 -0.23 0.00	33.85 -0.05 0.00	28.81 -0.34 0.00	29.50 -0.26 0.00	30.07 -0.14 0.00	34.30 -0.04 0.00	36.37 -0.53 0.00	33.35 -0.56 0.00	28.55 -0.39 0.00	29.85 -0.24 0.00	32.50 -0.08 0.00	37.10 -0.01 0.00	42.04 0.06 0.00	45.82 0.06 0.00	43.86 0.03 0.00	45.01 -0.03 0.00	44.67 0.20 0.00	50.01 0.46 0.00	49.02 0.59 0.00	49.45 0.62 0.00	51.48 0.67 0.00	53.12 0.72 0.00	46.77 1.19 0.00	37.46 0.70 0.00
NEPA___ENERGY 23901	36.48 -1.06 0.00	33.25 -0.66 0.00	28.14 -1.01 0.00	28.74 -1.02 0.00	29.49 -0.72 0.00	33.50 -0.84 0.00	35.41 -1.49 0.00	32.38 -1.53 0.00	27.99 -0.96 0.00	29.43 -0.66 0.00	32.21 -0.36 0.00	36.67 -0.44 0.00	41.82 -0.15 0.00	45.45 -0.31 0.00	43.56 -0.27 0.00	44.66 -0.37 0.00	44.08 -0.39 0.00	49.28 -0.26 0.00	48.07 -0.36 0.00	48.10 -0.73 0.00	49.99 -0.82 0.00	51.77 -0.63 0.00	46.06 0.47 0.00	36.98 0.21 0.00

NEVERSINK___HYD 23608	38.60 1.07 0.00	34.68 0.77 0.00	29.83 0.68 0.00	30.31 0.55 0.00	30.72 0.52 0.00	34.66 0.31 0.00	37.15 0.24 0.00	34.28 0.36 0.00	29.54 0.60 0.00	30.72 0.62 0.00	33.23 0.62 -0.04	38.32 0.84 -0.37	43.72 1.00 -0.74	47.18 1.26 -0.15	46.10 1.29 -0.98	46.98 1.34 -0.60	45.86 1.38 0.00	50.03 1.33 0.84	49.61 1.18 0.00	49.80 0.97 0.00	51.48 0.67 0.00	53.11 0.71 0.00	46.19 1.20 0.60	37.89 1.12 0.00
NEWKRMKL_115KV_TB1 55635	38.35 0.81 0.00	34.78 0.87 0.00	29.98 0.83 0.00	30.57 0.81 0.00	31.00 0.80 0.00	35.02 0.68 0.00	37.45 0.55 0.00	34.36 0.45 0.00	29.15 0.21 0.00	30.18 0.08 0.05	32.46 -0.06 0.00	36.58 -0.07 0.46	40.82 -0.23 0.92	45.34 -0.22 0.19	42.39 -0.21 1.22	44.11 -0.18 0.75	44.20 -0.27 0.00	49.21 -0.33 0.00	48.09 -0.34 0.00	48.55 -0.28 0.00	50.50 -0.31 0.00	52.01 -0.39 0.00	45.48 -0.11 0.00	37.04 0.27 0.00
NEWTON___FALLS_HYD 23847	38.45 0.91 0.00	34.76 0.85 0.00	29.82 0.67 0.00	30.48 0.72 0.00	31.00 0.80 0.00	35.44 1.10 0.00	38.17 1.27 0.00	34.95 1.04 0.00	29.57 0.63 0.00	30.69 0.59 0.00	33.19 0.61 0.00	37.60 0.49 0.00	42.49 0.52 0.00	46.25 0.49 0.00	44.16 0.33 0.00	45.24 0.21 0.00	44.55 0.08 0.00	50.00 0.45 0.00	49.17 0.74 0.00	50.14 1.31 0.00	52.90 2.09 0.00	55.02 2.62 0.00	47.38 1.79 0.00	37.81 1.05 0.00
NGRID_A1_DSASP 323792	35.38 -2.16 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.42 -2.49 0.00	31.54 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.54 -1.04 0.00	35.74 -1.37 0.00	40.54 -1.44 0.00	44.16 -1.60 0.00	42.16 -1.66 0.00	43.10 -1.93 0.00	42.88 -1.59 0.00	48.08 -1.47 0.00	46.95 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.02 0.00	50.47 -1.92 0.00	45.17 -0.42 0.00	36.13 -0.63 0.00
NGRID_A2_DSASP 323793	35.38 -2.16 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.42 -2.49 0.00	31.54 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.54 -1.04 0.00	35.74 -1.37 0.00	40.54 -1.44 0.00	44.16 -1.60 0.00	42.16 -1.66 0.00	43.10 -1.93 0.00	42.88 -1.59 0.00	48.08 -1.47 0.00	46.95 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.02 0.00	50.47 -1.92 0.00	45.17 -0.42 0.00	36.13 -0.63 0.00
NGRID_A4_DSASP 323807	35.38 -2.16 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.42 -2.49 0.00	31.54 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.54 -1.04 0.00	35.74 -1.37 0.00	40.54 -1.44 0.00	44.16 -1.60 0.00	42.16 -1.66 0.00	43.10 -1.93 0.00	42.88 -1.59 0.00	48.08 -1.47 0.00	46.95 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.02 0.00	50.47 -1.92 0.00	45.17 -0.42 0.00	36.13 -0.63 0.00
NIAGARA_115E_LBMP 323715	35.64 -1.90 0.00	32.54 -1.37 0.00	27.48 -1.67 0.00	28.30 -1.46 0.00	28.89 -1.31 0.00	33.07 -1.27 0.00	34.45 -2.45 0.00	31.49 -2.43 0.00	27.20 -1.74 0.00	28.66 -1.43 0.00	31.41 -1.17 0.00	35.61 -1.50 0.00	40.40 -1.58 0.00	44.01 -1.75 0.00	42.02 -1.81 0.00	42.97 -2.06 0.00	42.74 -1.73 0.00	47.91 -1.63 0.00	46.81 -1.62 0.00	46.88 -1.95 0.00	48.74 -2.07 0.00	50.41 -1.99 0.00	45.14 -0.44 0.00	36.26 -0.50 0.00
NIAGARA_115W_LBMP 323714	35.30 -2.24 0.00	32.38 -1.53 0.00	27.34 -1.81 0.00	28.11 -1.65 0.00	28.75 -1.45 0.00	32.86 -1.48 0.00	34.35 -2.55 0.00	31.49 -2.43 0.00	27.24 -1.71 0.00	28.71 -1.39 0.00	31.47 -1.11 0.00	35.67 -1.44 0.00	40.44 -1.54 0.00	44.06 -1.70 0.00	42.06 -1.76 0.00	43.00 -2.03 0.00	42.78 -1.70 0.00	47.96 -1.59 0.00	46.83 -1.60 0.00	46.87 -1.96 0.00	48.69 -2.12 0.00	50.37 -2.03 0.00	45.08 -0.51 0.00	36.06 -0.70 0.00
NIAGARA_230_LBMP 323716	35.67 -1.87 0.00	32.61 -1.30 0.00	27.59 -1.56 0.00	28.34 -1.42 0.00	28.97 -1.23 0.00	33.11 -1.23 0.00	34.65 -2.26 0.00	31.75 -2.17 0.00	27.45 -1.49 0.00	28.92 -1.17 0.00	31.67 -0.90 0.00	35.91 -1.19 0.00	40.74 -1.24 0.00	44.38 -1.38 0.00	42.37 -1.46 0.00	43.33 -1.70 0.00	43.06 -1.41 0.00	48.28 -1.26 0.00	47.16 -1.27 0.00	47.22 -1.61 0.00	49.11 -1.70 0.00	50.81 -1.58 0.00	45.41 -0.18 0.00	36.36 -0.40 0.00
NIAGARA___115KV_198_GIBSON 55903	35.30 -2.24 0.00	32.38 -1.53 0.00	27.35 -1.81 0.00	28.11 -1.65 0.00	28.76 -1.45 0.00	32.86 -1.48 0.00	34.35 -2.56 0.00	31.49 -2.43 0.00	27.24 -1.71 0.00	28.71 -1.39 0.00	31.47 -1.11 0.00	35.67 -1.44 0.00	40.43 -1.55 0.00	44.02 -1.73 0.00	42.05 -1.77 0.00	43.02 -2.01 0.00	42.78 -1.69 0.00	47.96 -1.58 0.00	46.83 -1.60 0.00	46.87 -1.96 0.00	48.70 -2.12 0.00	50.39 -2.01 0.00	45.08 -0.51 0.00	36.06 -0.70 0.00
NIAGARA____ 23760	35.67 -1.87 0.00	32.61 -1.30 0.00	27.59 -1.56 0.00	28.34 -1.42 0.00	28.97 -1.23 0.00	33.11 -1.23 0.00	34.65 -2.26 0.00	31.75 -2.17 0.00	27.45 -1.49 0.00	28.92 -1.17 0.00	31.67 -0.90 0.00	35.91 -1.19 0.00	40.74 -1.24 0.00	44.38 -1.38 0.00	42.37 -1.46 0.00	43.33 -1.70 0.00	43.06 -1.41 0.00	48.28 -1.26 0.00	47.16 -1.27 0.00	47.22 -1.61 0.00	49.11 -1.70 0.00	50.81 -1.58 0.00	45.41 -0.18 0.00	36.36 -0.40 0.00
NINE_MILE_1 23575	36.40 -1.14 0.00	32.91 -1.00 0.00	28.26 -0.89 0.00	28.84 -0.92 0.00	29.30 -0.90 0.00	33.28 -1.06 0.00	35.66 -1.24 0.00	32.73 -1.18 0.00	27.93 -1.02 0.00	29.03 -1.06 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.57 -1.40 0.00	44.17 -1.58 0.00	42.38 -1.45 0.00	43.55 -1.48 0.00	43.05 -1.42 0.00	48.04 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.42 0.00	49.30 -1.51 0.00	50.83 -1.57 0.00	44.38 -1.20 0.00	35.79 -0.97 0.00
NINE_MILE_2 23744	36.41 -1.13 0.00	32.91 -1.00 0.00	28.26 -0.89 0.00	28.84 -0.92 0.00	29.30 -0.90 0.00	33.28 -1.06 0.00	35.66 -1.23 0.00	32.73 -1.18 0.00	27.93 -1.02 0.00	29.04 -1.06 0.00	31.45 -1.12 0.00	35.86 -1.25 0.00	40.58 -1.40 0.00	44.17 -1.58 0.00	42.38 -1.45 0.00	43.56 -1.47 0.00	43.06 -1.41 0.00	48.04 -1.50 0.00	46.99 -1.44 0.00	47.41 -1.42 0.00	49.30 -1.51 0.00	50.83 -1.57 0.00	44.38 -1.20 0.00	35.79 -0.97 0.00
NM_CAPITAL___DRP 24208	38.43 0.89 0.00	34.79 0.88 0.00	30.00 0.86 0.00	30.60 0.84 0.00	31.02 0.82 0.00	35.06 0.72 0.00	37.46 0.56 0.00	34.38 0.46 0.00	29.20 0.26 0.00	30.24 0.14 0.05	32.50 -0.02 0.51	36.59 -0.02 1.03	40.80 -0.15 0.21	45.41 -0.14 1.36	42.32 -0.15 0.83	44.09 -0.11 0.00	44.23 -0.24 0.00	49.24 -0.31 0.00	48.12 -0.31 0.00	48.59 -0.24 0.00	50.56 -0.25 0.00	52.08 -0.32 0.00	45.56 -0.03 0.00	37.08 0.32 0.00
NM_CENTRAL___DRP 24181	37.14 -0.40 0.00	33.57 -0.34 0.00	28.81 -0.34 0.00	29.39 -0.37 0.00	29.88 -0.32 0.00	33.94 -0.40 0.00	36.34 -0.56 0.00	33.32 -0.59 0.00	28.43 -0.52 0.00	29.55 -0.54 0.00	32.05 -0.52 0.00	36.57 -0.54 0.00	41.39 -0.58 0.00	45.10 -0.66 0.00	43.29 -0.54 0.00	44.52 -0.51 0.00	44.02 -0.45 0.00	49.10 -0.44 0.00	48.08 -0.35 0.00	48.52 -0.31 0.00	50.44 -0.38 0.00	51.99 -0.40 0.00	45.41 -0.17 0.00	36.60 -0.17 0.00

NM_FRONTIER___DRP 24179	35.30 -2.24 0.00	32.38 -1.53 0.00	27.35 -1.81 0.00	28.11 -1.65 0.00	28.76 -1.45 0.00	32.86 -1.48 0.00	34.35 -2.56 0.00	31.49 -2.43 0.00	27.24 -1.71 0.00	28.71 -1.39 0.00	31.47 -1.11 0.00	35.67 -1.44 0.00	40.43 -1.55 0.00	44.02 -1.73 0.00	42.05 -1.77 0.00	43.02 -2.01 0.00	42.78 -1.69 0.00	47.96 -1.58 0.00	46.83 -1.60 0.00	46.87 -1.96 0.00	48.70 -2.12 0.00	50.39 -2.01 0.00	45.08 -0.51 0.00	36.06 -0.70 0.00
NM_ST_REGIS___HYD 24053	38.26 0.72 0.00	34.53 0.62 0.00	29.62 0.47 0.00	30.28 0.52 0.00	30.78 0.58 0.00	35.25 0.91 0.00	38.04 1.14 0.00	34.98 1.06 0.00	29.78 0.83 0.00	30.99 0.90 0.00	33.54 0.97 0.00	37.94 0.83 0.00	42.92 0.94 0.00	46.81 1.05 0.00	44.64 0.82 0.00	45.62 0.59 0.00	44.96 0.49 0.00	50.31 0.77 0.00	49.34 0.91 0.00	50.02 1.19 0.00	52.62 1.81 0.00	54.71 2.32 0.00	46.83 1.25 0.00	37.31 0.54 0.00
NORTHPORT___1 23551	40.20 2.66 0.00	35.78 1.87 0.00	30.86 1.72 0.00	31.30 1.54 0.00	31.61 1.41 0.00	35.48 1.14 0.00	38.02 1.11 0.00	34.96 1.04 0.00	30.18 1.23 0.00	31.56 1.47 0.00	34.55 1.92 -0.06	40.20 2.51 -0.58	45.95 2.78 -1.18	49.81 3.24 -0.81	48.65 3.08 -1.74	48.45 2.46 -0.96	46.24 1.76 0.00	50.86 1.32 0.01	49.26 0.96 0.13	49.19 0.37 0.01	50.58 -0.23 0.00	52.20 -0.19 0.00	46.42 0.83 0.00	38.10 1.33 0.00
NORTHPORT___2 23552	40.20 2.66 0.00	35.78 1.87 0.00	30.86 1.72 0.00	31.30 1.54 0.00	31.61 1.41 0.00	35.48 1.14 0.00	38.02 1.11 0.00	34.96 1.04 0.00	30.18 1.23 0.00	31.56 1.47 0.00	34.55 1.92 -0.06	40.20 2.51 -0.58	45.95 2.78 -1.18	49.81 3.24 -0.81	48.65 3.08 -1.74	48.45 2.46 -0.96	46.24 1.76 0.00	50.86 1.32 0.01	49.26 0.96 0.13	49.19 0.37 0.01	50.58 -0.23 0.00	52.20 -0.19 0.00	46.42 0.83 0.00	38.10 1.33 0.00
NORTHPORT___3 23553	40.02 2.48 0.00	35.64 1.73 0.00	30.71 1.56 0.00	31.15 1.39 0.00	31.47 1.26 0.00	35.34 0.99 0.00	37.86 0.96 0.00	34.80 0.88 0.00	30.05 1.11 0.00	31.44 1.34 0.00	34.44 1.81 -0.06	40.07 2.37 -0.58	45.83 2.67 -1.18	49.65 3.08 -0.81	48.47 2.90 -1.74	48.29 2.30 -0.96	46.06 1.59 0.00	50.54 0.99 0.00	48.89 0.55 0.08	48.88 0.05 0.00	50.25 -0.56 0.00	51.96 -0.43 0.00	46.24 0.66 0.00	38.02 1.26 0.00
NORTHPORT___4 23650	40.02 2.48 0.00	35.64 1.73 0.00	30.71 1.56 0.00	31.15 1.39 0.00	31.47 1.26 0.00	35.34 0.99 0.00	37.86 0.96 0.00	34.80 0.88 0.00	30.05 1.11 0.00	31.44 1.34 0.00	34.44 1.81 -0.06	40.07 2.37 -0.58	45.83 2.67 -1.18	49.65 3.08 -0.81	48.47 2.90 -1.74	48.29 2.30 -0.96	46.06 1.59 0.00	50.54 0.99 0.00	48.89 0.55 0.08	48.88 0.05 0.00	50.25 -0.56 0.00	51.96 -0.43 0.00	46.24 0.66 0.00	38.02 1.26 0.00
NORTHPORT___IC 23718	40.20 2.66 0.00	35.78 1.87 0.00	30.86 1.72 0.00	31.30 1.54 0.00	31.61 1.41 0.00	35.48 1.14 0.00	38.02 1.11 0.00	34.96 1.04 0.00	30.18 1.23 0.00	31.57 1.47 0.00	34.55 1.91 -0.06	40.21 2.51 -0.59	45.95 2.79 -1.19	49.83 3.25 -0.81	48.65 3.09 -1.74	48.45 2.45 -0.96	46.24 1.76 0.00	50.87 1.32 0.01	49.26 0.96 0.12	49.20 0.37 0.00	50.57 -0.24 0.00	52.20 -0.19 0.00	46.42 0.83 0.00	38.10 1.34 0.00
NORTH___COUNTRY_ESR 323785	37.85 0.31 0.00	34.14 0.23 0.00	29.30 0.16 0.00	29.95 0.20 0.00	30.43 0.23 0.00	34.81 0.47 0.00	37.55 0.64 0.00	34.58 0.66 0.00	29.55 0.61 0.00	30.77 0.68 0.00	33.33 0.76 0.00	37.76 0.66 0.00	42.72 0.75 0.00	46.63 0.86 0.00	44.54 0.71 0.00	45.70 0.66 0.00	45.20 0.73 0.00	50.50 0.96 0.00	49.53 1.09 0.00	49.94 1.11 0.00	52.14 1.33 0.00	53.91 1.51 0.00	46.20 0.61 0.00	36.86 0.10 0.00
NPX_GEN_1385_PROXY 323591	40.09 2.55 0.00	35.66 1.76 0.00	30.83 1.68 0.00	31.27 1.51 0.00	31.49 1.29 0.00	35.35 1.01 0.00	37.76 0.86 0.00	34.94 1.02 0.00	29.98 1.04 0.00	31.32 1.22 0.00	34.06 1.43 -0.06	39.64 1.96 -0.58	14.31 2.02 29.68	49.01 2.44 -0.81	35.62 2.28 10.48	23.71 1.62 22.95	45.51 1.04 0.00	50.94 1.33 -0.06	49.27 0.88 0.04	49.36 0.53 0.01	50.98 0.16 0.00	56.50 -0.21 -4.30	54.77 0.34 -8.85	36.52 0.96 1.21
NPX_GEN_CSC 323557	40.49 2.95 0.00	35.75 1.84 0.00	31.04 1.89 0.00	31.55 1.79 0.00	31.81 1.61 0.00	35.51 1.17 0.00	38.10 1.20 0.00	34.91 0.99 0.00	30.21 1.26 0.00	31.58 1.48 0.00	34.52 1.88 -0.06	40.19 2.50 -0.58	45.94 2.77 -1.18	49.87 3.29 -0.81	48.80 3.24 -1.74	48.84 2.84 -0.96	46.84 2.37 0.00	51.78 2.17 -0.06	50.75 1.86 -0.47	50.08 1.25 0.00	51.34 0.53 0.00	57.24 0.54 -4.31	55.78 1.34 -8.85	37.07 1.52 1.21
NSINS_S_GLNS_FALLS 23858	39.69 2.15 0.00	35.63 1.72 0.00	30.64 1.49 0.00	31.25 1.49 0.00	31.76 1.56 0.00	35.97 1.63 0.00	38.50 1.60 0.00	35.33 1.41 0.00	30.00 1.06 0.00	30.82 0.72 0.05	32.92 0.40 0.51	37.17 0.58 1.05	41.64 0.71 0.21	46.31 0.77 0.21	43.00 0.55 1.39	44.84 0.66 0.85	45.14 0.67 0.00	50.65 1.11 0.00	50.18 1.75 0.00	51.05 2.22 0.00	53.33 2.52 0.00	54.85 2.45 0.00	47.71 2.13 0.00	38.66 1.90 0.00
NUCOR_STEEL___DRP 24197	37.57 0.03 0.00	33.98 0.07 0.00	29.14 -0.01 0.00	29.74 -0.02 0.00	30.23 0.03 0.00	34.35 0.01 0.00	36.79 -0.11 0.00	33.64 -0.27 0.00	28.74 -0.20 0.00	29.75 -0.35 0.00	32.19 -0.38 0.00	36.94 -0.17 0.00	41.90 -0.08 0.00	45.57 -0.19 0.00	43.80 -0.03 0.00	44.85 -0.18 0.00	44.61 0.13 0.00	49.82 0.28 0.00	48.84 0.40 0.00	49.15 0.32 0.00	51.16 0.35 0.00	52.73 0.33 0.00	46.09 0.51 0.00	37.28 0.51 0.00
NUMBER_THREE_WT_PWR 323818	38.85 1.31 0.00	35.17 1.27 0.00	30.19 1.04 0.00	30.84 1.08 0.00	31.38 1.18 0.00	35.79 1.45 0.00	38.48 1.58 0.00	35.11 1.20 0.00	29.59 0.65 0.00	30.63 0.53 0.00	33.11 0.54 0.00	37.61 0.50 0.00	42.47 0.50 0.00	46.19 0.43 0.00	44.17 0.34 0.00	45.38 0.35 0.00	44.76 0.29 0.00	50.28 0.74 0.00	49.58 1.15 0.00	50.73 1.90 0.00	53.51 2.69 0.00	55.51 3.11 0.00	48.06 2.48 0.00	38.44 1.68 0.00
NYISO_LBMP_REFERENCE 24008	37.54 0.00 0.00	33.91 0.00 0.00	29.15 0.00 0.00	29.76 0.00 0.00	30.20 0.00 0.00	34.34 0.00 0.00	36.90 0.00 0.00	33.92 0.00 0.00	28.94 0.00 0.00	30.10 0.00 0.00	32.57 0.00 0.00	37.11 0.00 0.00	41.97 0.00 0.00	45.76 0.00 0.00	43.83 0.00 0.00	45.03 0.00 0.00	44.47 0.00 0.00	49.55 0.00 0.00	48.43 0.00 0.00	48.83 0.00 0.00	50.81 0.00 0.00	52.40 0.00 0.00	45.58 0.00 0.00	36.76 0.00 0.00
NYPA_BRENTWD____GT 24164	40.78 3.24 0.00	36.25 2.34 0.00	31.24 2.09 0.00	31.68 1.92 0.00	31.98 1.78 0.00	35.91 1.57 0.00	38.52 1.62 0.00	35.44 1.52 0.00	30.62 1.67 0.00	32.02 1.93 0.00	35.04 2.41 -0.06	40.77 3.08 -0.58	46.65 3.49 -1.18	50.61 4.04 -0.81	49.39 3.83 -1.74	49.39 3.39 -0.96	47.32 2.84 0.00	52.14 2.60 0.00	51.96 2.22 -1.31	50.50 1.64 -0.04	51.81 1.00 0.00	53.44 1.04 0.00	47.43 1.84 0.00	38.78 2.02 0.00

NYPA_GOWANUS____GT5 24156	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NYPA_GOWANUS____GT6 24157	40.19 2.65 0.00	36.02 2.11 0.00	31.02 1.87 0.00	31.38 1.62 0.00	31.82 1.62 0.00	35.81 1.47 0.00	38.42 1.52 0.00	35.57 1.66 0.00	30.62 1.67 -0.01	31.89 1.79 0.00	34.63 2.00 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.18 3.17 -0.24	48.53 3.13 -1.58	49.23 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.49 2.06 0.00	50.40 1.57 0.00	51.84 1.03 0.00	53.64 1.25 0.00	47.92 2.33 0.00	38.94 2.18 0.00
NYPA_HARLEM__RVR__GT1 24160	39.99 2.45 0.00	35.82 1.92 0.00	30.91 1.76 0.00	31.20 1.44 0.00	31.64 1.44 0.00	35.61 1.27 0.00	38.22 1.32 0.00	35.41 1.49 0.00	30.52 1.57 -0.01	31.72 1.62 0.00	34.46 1.83 -0.06	40.08 2.39 -0.59	45.73 2.57 -1.19	48.88 2.88 -0.24	48.22 2.82 -1.58	48.91 2.91 -0.96	47.25 2.77 0.00	51.77 2.23 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.53 1.13 0.00	47.72 2.13 0.00	38.77 2.01 0.00
NYPA_HARLEM__RVR__GT2 24161	39.99 2.45 0.00	35.82 1.92 0.00	30.91 1.76 0.00	31.20 1.44 0.00	31.64 1.44 0.00	35.61 1.27 0.00	38.22 1.32 0.00	35.41 1.49 0.00	30.52 1.57 -0.01	31.72 1.62 0.00	34.46 1.83 -0.06	40.08 2.39 -0.59	45.73 2.57 -1.19	48.88 2.88 -0.24	48.22 2.82 -1.58	48.91 2.91 -0.96	47.25 2.77 0.00	51.77 2.23 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.53 1.13 0.00	47.72 2.13 0.00	38.77 2.01 0.00
NYPA_KENT____GT 24152	40.13 2.59 0.00	35.96 2.05 0.00	30.99 1.84 0.00	31.36 1.60 0.00	31.80 1.59 0.00	35.76 1.42 0.00	38.38 1.48 0.00	35.54 1.63 0.00	30.63 1.68 -0.01	31.90 1.80 0.00	34.64 2.00 -0.06	40.26 2.57 -0.59	46.03 2.77 -1.19	49.16 3.15 -0.24	48.51 3.10 -1.58	49.19 3.19 -0.96	47.57 3.09 0.00	52.14 2.60 0.00	50.41 1.98 0.00	50.31 1.47 0.00	51.77 0.96 0.00	53.59 1.19 0.00	47.82 2.24 0.00	38.88 2.12 0.00
NYPA_POUCH1____GT 24155	40.15 2.61 0.00	36.00 2.09 0.00	31.00 1.85 0.00	31.36 1.60 0.00	31.79 1.59 0.00	35.79 1.44 0.00	38.38 1.48 0.00	35.52 1.61 0.00	30.55 1.60 -0.01	31.80 1.70 0.00	34.53 1.90 -0.06	40.17 2.48 -0.59	45.93 2.77 -1.19	49.04 3.03 -0.24	48.41 3.01 -1.58	49.12 3.12 -0.96	47.54 3.07 0.00	52.08 2.54 0.00	50.40 1.97 0.00	50.25 1.41 0.00	51.62 0.81 0.00	53.43 1.03 0.00	47.80 2.21 0.00	38.85 2.08 0.00
NYPA_VERNON____GT2 24162	40.07 2.53 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.34 1.58 0.00	31.78 1.57 0.00	35.72 1.38 0.00	38.34 1.44 0.00	35.52 1.60 0.00	30.64 1.69 -0.01	31.92 1.82 0.00	34.64 2.01 -0.06	40.24 2.54 -0.59	45.99 2.83 -1.19	49.14 3.13 -0.24	48.47 3.07 -1.58	49.14 3.14 -0.96	47.49 3.02 0.00	52.09 2.55 0.00	50.32 1.89 0.00	50.22 1.38 0.00	51.72 0.91 0.00	53.53 1.13 0.00	47.73 2.14 0.00	38.84 2.07 0.00
NYPA_VERNON____GT3 24163	40.07 2.53 0.00	35.91 2.00 0.00	30.96 1.81 0.00	31.34 1.58 0.00	31.78 1.57 0.00	35.72 1.38 0.00	38.34 1.44 0.00	35.52 1.60 0.00	30.64 1.69 -0.01	31.92 1.82 0.00	34.64 2.01 -0.06	40.24 2.54 -0.59	45.99 2.83 -1.19	49.14 3.13 -0.24	48.47 3.07 -1.58	49.14 3.14 -0.96	47.49 3.02 0.00	52.09 2.55 0.00	50.32 1.89 0.00	50.22 1.38 0.00	51.72 0.91 0.00	53.53 1.13 0.00	47.73 2.14 0.00	38.84 2.07 0.00
NYPA____ASTORIA_CC1 323568	40.00 2.46 0.00	35.85 1.94 0.00	30.93 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.66 1.32 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.60 1.65 -0.01	31.87 1.77 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.74 -1.19	49.03 3.03 -0.24	48.38 2.97 -1.58	49.04 3.05 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.16 1.73 0.00	50.05 1.22 0.00	51.54 0.74 0.00	53.36 0.96 0.00	47.61 2.03 0.00	38.75 1.99 0.00
NYPA____ASTORIA_CC2 323569	40.00 2.46 0.00	35.85 1.94 0.00	30.93 1.77 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.66 1.32 0.00	38.28 1.38 0.00	35.46 1.54 0.00	30.60 1.65 -0.01	31.87 1.77 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.74 -1.19	49.03 3.03 -0.24	48.38 2.97 -1.58	49.04 3.05 -0.96	47.39 2.91 0.00	51.94 2.39 0.00	50.16 1.73 0.00	50.05 1.22 0.00	51.54 0.74 0.00	53.36 0.96 0.00	47.61 2.03 0.00	38.75 1.99 0.00
NYPA____HOLTSVILL 23794	40.52 2.98 0.00	35.95 2.04 0.00	31.05 1.91 0.00	31.51 1.75 0.00	31.80 1.60 0.00	35.64 1.30 0.00	38.23 1.33 0.00	35.15 1.24 0.00	30.39 1.44 0.00	31.76 1.67 0.00	34.72 2.09 -0.06	40.42 2.73 -0.58	46.21 3.05 -1.18	50.13 3.55 -0.81	48.99 3.43 -1.74	48.99 3.00 -0.96	46.93 2.46 0.00	51.73 2.19 0.00	50.64 1.83 -0.38	50.08 1.25 0.00	51.45 0.64 0.00	53.07 0.67 0.00	47.10 1.52 0.00	38.49 1.73 0.00
NYPA____HELLGATE_GT1 24158	39.99 2.45 0.00	35.82 1.92 0.00	30.91 1.76 0.00	31.20 1.44 0.00	31.64 1.44 0.00	35.61 1.27 0.00	38.22 1.32 0.00	35.41 1.49 0.00	30.52 1.57 -0.01	31.72 1.62 0.00	34.46 1.83 -0.06	40.08 2.39 -0.59	45.73 2.57 -1.19	48.88 2.88 -0.24	48.22 2.82 -1.58	48.91 2.91 -0.96	47.25 2.77 0.00	51.77 2.23 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.53 1.13 0.00	47.72 2.13 0.00	38.77 2.01 0.00
NYPA____HELLGATE_GT2 24159	39.99 2.45 0.00	35.82 1.92 0.00	30.91 1.76 0.00	31.20 1.44 0.00	31.64 1.44 0.00	35.61 1.27 0.00	38.22 1.32 0.00	35.41 1.49 0.00	30.52 1.57 -0.01	31.72 1.62 0.00	34.46 1.83 -0.06	40.08 2.39 -0.59	45.73 2.57 -1.19	48.88 2.88 -0.24	48.22 2.82 -1.58	48.91 2.91 -0.96	47.25 2.77 0.00	51.77 2.23 0.00	50.14 1.71 0.00	50.16 1.33 0.00	51.71 0.90 0.00	53.53 1.13 0.00	47.72 2.13 0.00	38.77 2.01 0.00
NYS_BARGE____HYD 23848	36.11 -1.43 0.00	32.96 -0.95 0.00	27.85 -1.30 0.00	28.63 -1.13 0.00	29.25 -0.95 0.00	33.47 -0.88 0.00	34.95 -1.95 0.00	31.96 -1.95 0.00	27.58 -1.36 0.00	29.03 -1.07 0.00	31.80 -0.77 0.00	36.09 -1.02 0.00	40.95 -1.02 0.00	44.62 -1.14 0.00	42.64 -1.19 0.00	43.66 -1.38 0.00	43.41 -1.07 0.00	48.68 -0.86 0.00	47.58 -0.85 0.00	47.71 -1.12 0.00	49.64 -1.17 0.00	51.33 -1.07 0.00	45.86 0.27 0.00	36.77 0.00 0.00
OAK ORCHARD____HYD 24046	37.09 -0.45 0.00	33.64 -0.26 0.00	28.67 -0.47 0.00	29.34 -0.42 0.00	29.89 -0.31 0.00	34.08 -0.26 0.00	36.20 -0.70 0.00	33.23 -0.68 0.00	28.48 -0.46 0.00	29.79 -0.30 0.00	32.45 -0.12 0.00	37.01 -0.10 0.00	41.95 -0.03 0.00	45.73 -0.03 0.00	43.77 -0.06 0.00	44.86 -0.17 0.00	44.50 0.03 0.00	49.81 0.26 0.00	48.80 0.37 0.00	49.17 0.33 0.00	51.09 0.28 0.00	52.69 0.29 0.00	46.34 0.76 0.00	37.15 0.38 0.00



OUTOKUMPU-AB___DRP 24206	36.25 -1.28 0.00	33.13 -0.78 0.00	27.98 -1.17 0.00	28.73 -1.03 0.00	29.37 -0.83 0.00	33.59 -0.76 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.87 -1.08 0.00	29.35 -0.74 0.00	32.20 -0.38 0.00	36.54 -0.57 0.00	41.46 -0.51 0.00	45.19 -0.57 0.00	43.21 -0.61 0.00	44.25 -0.79 0.00	43.91 -0.56 0.00	49.27 -0.28 0.00	48.14 -0.29 0.00	48.21 -0.62 0.00	50.11 -0.70 0.00	51.81 -0.59 0.00	46.21 0.63 0.00	36.98 0.21 0.00
OXBOW___BTM 323836	35.80 -1.74 0.00	32.77 -1.14 0.00	27.68 -1.47 0.00	28.43 -1.33 0.00	29.07 -1.13 0.00	33.23 -1.11 0.00	34.76 -2.14 0.00	31.87 -2.04 0.00	27.57 -1.37 0.00	29.06 -1.04 0.00	31.87 -0.71 0.00	36.15 -0.96 0.00	41.02 -0.96 0.00	44.71 -1.06 0.00	42.72 -1.11 0.00	43.69 -1.34 0.00	43.42 -1.06 0.00	48.72 -0.82 0.00	47.59 -0.84 0.00	47.63 -1.20 0.00	49.49 -1.32 0.00	51.16 -1.24 0.00	45.70 0.11 0.00	36.56 -0.21 0.00
OXBOW___ 24026	35.80 -1.74 0.00	32.77 -1.14 0.00	27.68 -1.47 0.00	28.43 -1.33 0.00	29.07 -1.13 0.00	33.23 -1.11 0.00	34.76 -2.14 0.00	31.87 -2.05 0.00	27.57 -1.38 0.00	29.05 -1.04 0.00	31.87 -0.71 0.00	36.15 -0.96 0.00	41.00 -0.97 0.00	44.68 -1.08 0.00	42.70 -1.13 0.00	43.71 -1.33 0.00	43.43 -1.05 0.00	48.72 -0.82 0.00	47.60 -0.84 0.00	47.63 -1.20 0.00	49.49 -1.32 0.00	51.18 -1.21 0.00	45.70 0.11 0.00	36.56 -0.21 0.00
OXY_CHEM_DSASP 323612	35.37 -2.17 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.41 -2.49 0.00	31.55 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.53 -1.04 0.00	35.74 -1.37 0.00	40.51 -1.46 0.00	44.13 -1.63 0.00	42.15 -1.68 0.00	43.11 -1.92 0.00	42.88 -1.59 0.00	48.07 -1.47 0.00	46.94 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.01 0.00	50.50 -1.90 0.00	45.16 -0.42 0.00	36.13 -0.63 0.00
OZONE_PARK_ESR 323760	40.48 2.94 0.00	36.27 2.36 0.00	31.19 2.04 0.00	31.63 1.87 0.00	32.05 1.84 0.00	36.05 1.71 0.00	38.68 1.78 0.00	35.78 1.87 0.00	30.85 1.91 0.00	32.19 2.09 0.00	34.92 2.29 -0.06	40.54 2.85 -0.59	46.40 3.24 -1.19	49.59 3.59 -0.24	48.86 3.46 -1.58	49.54 3.54 -0.96	47.88 3.41 0.00	52.75 3.20 0.00	51.05 2.62 0.00	50.94 2.11 0.00	52.59 1.78 0.00	54.39 1.99 0.00	48.33 2.74 0.00	39.30 2.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.37 -2.17 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.41 -2.49 0.00	31.55 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.53 -1.04 0.00	35.74 -1.37 0.00	40.51 -1.46 0.00	44.13 -1.63 0.00	42.15 -1.68 0.00	43.11 -1.92 0.00	42.88 -1.59 0.00	48.07 -1.47 0.00	46.94 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.01 0.00	50.50 -1.90 0.00	45.16 -0.42 0.00	36.13 -0.63 0.00
PACKARD___115KV_DUPONT_184 80571	35.37 -2.17 0.00	32.44 -1.47 0.00	27.39 -1.76 0.00	28.16 -1.60 0.00	28.81 -1.39 0.00	32.92 -1.42 0.00	34.41 -2.49 0.00	31.55 -2.37 0.00	27.29 -1.65 0.00	28.77 -1.33 0.00	31.53 -1.04 0.00	35.74 -1.37 0.00	40.51 -1.46 0.00	44.13 -1.63 0.00	42.15 -1.68 0.00	43.11 -1.92 0.00	42.88 -1.59 0.00	48.07 -1.47 0.00	46.94 -1.49 0.00	46.98 -1.85 0.00	48.80 -2.01 0.00	50.50 -1.90 0.00	45.16 -0.42 0.00	36.13 -0.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.99 2.45 0.00	35.85 1.94 0.00	30.90 1.74 0.00	31.23 1.47 0.00	31.67 1.47 0.00	35.65 1.31 0.00	38.26 1.35 0.00	35.42 1.50 0.00	30.52 1.58 0.00	31.76 1.67 0.00	34.52 1.89 -0.06	40.14 2.45 -0.59	45.85 2.69 -1.19	48.99 2.99 -0.24	48.33 2.92 -1.58	48.99 2.99 -0.96	47.35 2.88 0.00	51.91 2.36 0.00	50.21 1.78 0.00	50.21 1.38 0.00	51.77 0.96 0.00	53.54 1.14 0.00	47.71 2.12 0.00	38.77 2.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.10 3.57 0.00	36.87 2.96 0.00	31.79 2.64 0.00	32.12 2.36 0.00	32.63 2.43 0.00	36.81 2.47 0.00	39.45 2.55 0.00	36.48 2.56 0.00	31.41 2.46 0.00	32.63 2.54 0.00	35.46 2.83 -0.06	41.26 3.56 -0.59	47.01 3.84 -1.19	50.25 4.24 -0.24	49.54 4.14 -1.58	50.25 4.25 -0.96	48.58 4.11 0.00	53.25 3.70 0.00	51.66 3.23 0.00	51.64 2.81 0.00	53.38 2.57 0.00	55.18 2.78 0.00	49.15 3.57 0.00	39.94 3.17 0.00
PATROON___115KV_TB1 80586	38.46 0.92 0.00	34.86 0.95 0.00	30.05 0.90 0.00	30.64 0.88 0.00	31.07 0.87 0.00	35.11 0.77 0.00	37.54 0.64 0.00	34.45 0.53 0.00	29.24 0.29 0.00	30.28 0.18 0.00	32.56 0.04 0.05	36.70 0.06 0.47	40.95 -0.08 0.95	45.52 -0.05 0.20	42.51 -0.06 1.26	44.26 0.00 0.77	44.37 -0.10 0.00	49.42 -0.12 0.00	48.29 -0.14 0.00	48.75 -0.08 0.00	50.70 -0.11 0.00	52.22 -0.18 0.00	45.65 0.07 0.00	37.16 0.39 0.00
PATTRSNVILLE___SOLAR 323815	38.84 1.30 0.00	35.04 1.14 0.00	30.18 1.03 0.00	30.78 1.02 0.00	31.23 1.03 0.00	35.40 1.06 0.00	37.85 0.94 0.00	34.58 0.66 0.00	29.28 0.34 0.00	30.28 0.18 0.00	32.65 0.11 0.04	36.97 0.24 0.38	41.50 0.29 0.77	45.92 0.32 0.16	43.07 0.27 1.03	44.67 0.27 0.63	44.72 0.24 0.00	49.95 0.41 0.00	49.15 0.71 0.00	50.01 1.17 0.00	52.26 1.45 0.00	53.88 1.48 0.00	47.04 1.45 0.00	37.99 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.45 -1.09 0.00	33.23 -0.67 0.00	28.12 -1.03 0.00	28.82 -0.94 0.00	29.47 -0.73 0.00	33.66 -0.69 0.00	35.37 -1.54 0.00	32.50 -1.41 0.00	28.12 -0.82 0.00	29.59 -0.51 0.00	32.39 -0.19 0.00	36.77 -0.34 0.00	41.81 -0.17 0.00	45.50 -0.26 0.00	43.54 -0.29 0.00	44.63 -0.41 0.00	44.14 -0.34 0.00	49.52 -0.03 0.00	48.37 -0.06 0.00	48.45 -0.39 0.00	50.37 -0.44 0.00	52.09 -0.31 0.00	46.38 0.80 0.00	37.09 0.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.84 2.30 0.00	35.75 1.84 0.00	30.77 1.62 0.00	31.26 1.50 0.00	31.68 1.47 0.00	35.68 1.34 0.00	38.25 1.35 0.00	35.32 1.40 0.00	30.35 1.40 0.00	31.57 1.47 0.00	34.21 1.59 -0.05	39.63 2.00 -0.52	45.33 2.30 -1.06	48.62 2.65 -0.22	47.80 2.57 -1.40	48.56 2.68 -0.86	47.04 2.56 0.00	52.06 2.51 0.00	50.63 2.20 0.00	50.67 1.85 0.00	52.35 1.53 0.00	54.01 1.62 0.00	47.69 2.11 0.00	38.69 1.93 0.00
PEEKSKILL___ 23653	39.58 2.04 0.00	35.51 1.61 0.00	30.56 1.41 0.00	31.02 1.26 0.00	31.45 1.25 0.00	35.39 1.05 0.00	37.94 1.04 0.00	35.04 1.13 0.00	30.14 1.19 0.00	31.40 1.31 0.00	34.07 1.43 -0.06	39.54 1.86 -0.58	45.23 2.09 -1.17	48.35 2.36 -0.24	47.65 2.28 -1.55	48.34 2.36 -0.95	46.66 2.19 0.00	51.52 1.98 0.00	50.00 1.57 0.00	49.98 1.14 0.00	51.65 0.84 0.00	53.37 0.98 0.00	47.28 1.70 0.00	38.45 1.69 0.00
PGE MADISON___WINDPWR 24146	39.54 2.00 0.00	35.85 1.95 0.00	30.75 1.60 0.00	31.34 1.58 0.00	32.01 1.81 0.00	36.40 2.06 0.00	39.14 2.23 0.00	35.85 1.93 0.00	30.40 1.45 0.00	31.47 1.37 0.00	34.12 1.54 0.00	38.96 1.86 0.00	44.23 2.26 0.00	48.29 2.54 0.00	46.29 2.46 0.00	47.44 2.41 0.00	47.09 2.61 0.00	52.80 3.25 0.00	52.01 3.58 0.00	53.01 4.18 0.00	55.09 4.28 0.00	56.70 4.30 0.00	49.42 3.84 0.00	39.59 2.83 0.00



PORT_JEFF_IC 23713	40.64 3.09 0.00	36.03 2.13 0.00	31.12 1.97 0.00	31.57 1.81 0.00	31.87 1.67 0.00	35.71 1.37 0.00	38.32 1.41 0.00	35.22 1.31 0.00	30.45 1.50 0.00	31.84 1.75 0.00	34.83 2.20 -0.06	40.56 2.87 -0.59	46.38 3.21 -1.19	50.34 3.77 -0.81	49.21 3.65 -1.74	49.23 3.23 -0.96	47.18 2.71 0.00	52.01 2.47 0.00	50.90 2.12 -0.35	50.35 1.51 0.00	51.68 0.86 0.00	53.25 0.86 0.00	47.27 1.68 0.00	38.60 1.83 0.00
PPL PILGRIM_ST_GT1 24216	40.78 3.24 0.00	36.25 2.34 0.00	31.24 2.09 0.00	31.68 1.92 0.00	31.98 1.78 0.00	35.91 1.57 0.00	38.52 1.62 0.00	35.44 1.52 0.00	30.62 1.67 0.00	32.02 1.93 0.00	35.04 2.41 -0.06	40.77 3.08 -0.58	46.65 3.49 -1.18	50.61 4.04 -0.81	49.39 3.83 -1.74	49.39 3.39 -0.96	47.32 2.84 0.00	52.14 2.60 0.00	51.96 2.22 -1.31	50.50 1.64 -0.04	51.81 1.00 0.00	53.44 1.04 0.00	47.43 1.84 0.00	38.78 2.02 0.00
PPL PILGRIM_ST_GT2 24217	40.78 3.24 0.00	36.25 2.34 0.00	31.24 2.09 0.00	31.68 1.92 0.00	31.98 1.78 0.00	35.91 1.57 0.00	38.52 1.62 0.00	35.44 1.52 0.00	30.62 1.67 0.00	32.02 1.93 0.00	35.04 2.41 -0.06	40.77 3.08 -0.58	46.65 3.49 -1.18	50.61 4.04 -0.81	49.39 3.83 -1.74	49.39 3.39 -0.96	47.32 2.84 0.00	52.14 2.60 0.00	51.96 2.22 -1.31	50.50 1.64 -0.04	51.81 1.00 0.00	53.44 1.04 0.00	47.43 1.84 0.00	38.78 2.02 0.00
PPL_SHRM_GT3 24213	40.52 2.98 0.00	35.79 1.88 0.00	31.05 1.91 0.00	31.56 1.81 0.00	31.83 1.63 0.00	35.54 1.20 0.00	38.12 1.22 0.00	34.93 1.02 0.00	30.22 1.28 0.00	31.60 1.50 0.00	34.52 1.89 -0.06	40.19 2.50 -0.58	45.93 2.77 -1.18	49.88 3.31 -0.81	48.82 3.25 -1.74	48.85 2.86 -0.96	46.87 2.40 0.00	51.76 2.22 0.00	50.70 1.89 -0.38	50.13 1.30 0.00	51.41 0.60 0.00	52.99 0.59 0.00	46.97 1.39 0.00	38.32 1.56 0.00
PPL_SHRM_GT4 24214	40.52 2.98 0.00	35.79 1.88 0.00	31.05 1.91 0.00	31.56 1.81 0.00	31.83 1.63 0.00	35.54 1.20 0.00	38.12 1.22 0.00	34.93 1.02 0.00	30.22 1.28 0.00	31.60 1.50 0.00	34.52 1.89 -0.06	40.19 2.50 -0.58	45.93 2.77 -1.18	49.88 3.31 -0.81	48.82 3.25 -1.74	48.85 2.86 -0.96	46.87 2.40 0.00	51.76 2.22 0.00	50.70 1.89 -0.38	50.13 1.30 0.00	51.41 0.60 0.00	52.99 0.59 0.00	46.97 1.39 0.00	38.32 1.56 0.00
PROJECT___ORANGE 1 24174	37.14 -0.40 0.00	33.57 -0.34 0.00	28.81 -0.34 0.00	29.39 -0.37 0.00	29.88 -0.32 0.00	33.94 -0.40 0.00	36.34 -0.56 0.00	33.32 -0.59 0.00	28.43 -0.52 0.00	29.56 -0.54 0.00	32.06 -0.52 0.00	36.58 -0.53 0.00	41.41 -0.57 0.00	45.11 -0.65 0.00	43.30 -0.53 0.00	44.53 -0.50 0.00	44.04 -0.43 0.00	49.12 -0.43 0.00	48.09 -0.34 0.00	48.53 -0.30 0.00	50.44 -0.38 0.00	51.97 -0.43 0.00	45.42 -0.17 0.00	36.60 -0.17 0.00
PROJECT___ORANGE 2 24166	37.14 -0.40 0.00	33.57 -0.34 0.00	28.81 -0.34 0.00	29.39 -0.37 0.00	29.88 -0.32 0.00	33.94 -0.40 0.00	36.34 -0.56 0.00	33.32 -0.59 0.00	28.43 -0.52 0.00	29.56 -0.54 0.00	32.06 -0.52 0.00	36.58 -0.53 0.00	41.41 -0.57 0.00	45.11 -0.65 0.00	43.30 -0.53 0.00	44.53 -0.50 0.00	44.04 -0.43 0.00	49.12 -0.43 0.00	48.09 -0.34 0.00	48.53 -0.30 0.00	50.44 -0.38 0.00	51.97 -0.43 0.00	45.42 -0.17 0.00	36.60 -0.17 0.00
PUCKETT___SOLAR 323809	37.96 0.42 0.00	34.38 0.47 0.00	29.52 0.37 0.00	30.08 0.32 0.00	30.67 0.47 0.00	34.74 0.40 0.00	37.19 0.29 0.00	34.09 0.18 0.00	29.03 0.08 0.00	30.02 -0.08 0.00	32.47 -0.10 0.00	37.01 -0.10 0.00	42.06 0.08 0.00	45.74 -0.01 0.00	43.86 0.03 0.00	45.09 0.06 0.00	44.70 0.22 0.00	49.93 0.39 0.00	49.19 0.76 0.00	49.81 0.97 0.00	51.79 0.98 0.00	53.44 1.05 0.00	46.81 1.23 0.00	37.68 0.91 0.00
PYRITES___HYD 24023	38.79 1.25 0.00	35.01 1.10 0.00	30.01 0.86 0.00	30.71 0.95 0.00	31.22 1.02 0.00	35.79 1.44 0.00	38.61 1.71 0.00	35.40 1.49 0.00	29.94 1.00 0.00	31.10 1.01 0.00	33.63 1.06 0.00	38.05 0.94 0.00	43.05 1.08 0.00	46.91 1.15 0.00	44.74 0.91 0.00	45.71 0.68 0.00	45.05 0.57 0.00	50.39 0.84 0.00	49.52 1.09 0.00	50.54 1.71 0.00	53.54 2.72 0.00	55.66 3.26 0.00	47.53 1.95 0.00	37.80 1.03 0.00
QUAKERRD_115KV_BK1 80622	36.30 -1.24 0.00	32.91 -1.01 0.00	28.09 -1.06 0.00	28.72 -1.04 0.00	29.24 -0.96 0.00	33.32 -1.03 0.00	35.47 -1.43 0.00	32.59 -1.33 0.00	27.91 -1.03 0.00	29.15 -0.94 0.00	31.71 -0.87 0.00	36.16 -0.95 0.00	40.98 -0.99 0.00	44.67 -1.09 0.00	42.74 -1.09 0.00	43.85 -1.19 0.00	43.48 -1.00 0.00	48.65 -0.89 0.00	47.67 -0.76 0.00	48.04 -0.80 0.00	49.88 -0.93 0.00	51.44 -0.96 0.00	45.15 -0.43 0.00	36.23 -0.53 0.00
QUENSBRY_115KV_TB8 356137	39.75 2.21 0.00	35.66 1.75 0.00	30.65 1.50 0.00	31.27 1.51 0.00	31.77 1.57 0.00	36.00 1.66 0.00	38.53 1.63 0.00	35.37 1.46 0.00	30.04 1.10 0.00	30.84 0.74 0.00	32.92 0.40 0.05	37.20 0.60 0.51	41.71 0.76 1.03	46.36 0.81 0.21	43.04 0.58 1.37	44.87 0.67 0.84	45.17 0.70 0.00	50.71 1.16 0.00	50.28 1.85 0.00	51.20 2.36 0.00	53.48 2.66 0.00	54.98 2.59 0.00	47.79 2.20 0.00	38.74 1.98 0.00
RAMAPO___LBMP 323565	39.38 1.84 0.00	35.36 1.45 0.00	30.40 1.25 0.00	30.87 1.11 0.00	31.31 1.11 0.00	35.24 0.90 0.00	37.77 0.87 0.00	34.87 0.96 0.00	29.99 1.04 0.00	31.28 1.18 0.00	33.93 1.29 -0.06	39.36 1.71 -0.54	44.99 1.92 -1.09	48.15 2.16 -0.22	47.38 2.10 -1.45	48.10 2.18 -0.89	46.49 2.01 0.00	51.36 1.81 0.00	49.82 1.39 0.00	49.79 0.96 0.00	51.46 0.65 0.00	53.17 0.78 0.00	47.14 1.55 0.00	38.32 1.56 0.00
RANKINE____ 23646	36.47 -1.07 0.00	33.28 -0.62 0.00	28.15 -1.00 0.00	28.87 -0.89 0.00	29.50 -0.70 0.00	33.71 -0.63 0.00	35.37 -1.53 0.00	32.49 -1.42 0.00	28.11 -0.84 0.00	29.60 -0.50 0.00	32.43 -0.15 0.00	36.82 -0.28 0.00	41.85 -0.13 0.00	45.57 -0.19 0.00	43.58 -0.25 0.00	44.64 -0.39 0.00	44.14 -0.34 0.00	49.52 -0.03 0.00	48.38 -0.05 0.00	48.45 -0.38 0.00	50.40 -0.41 0.00	52.09 -0.30 0.00	46.42 0.83 0.00	37.16 0.39 0.00
RAVENSWOOD_GT2_1 24244	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.28 2.81 0.00	52.07 2.53 0.00	50.39 1.96 0.00	50.29 1.46 0.00	51.91 1.10 0.00	53.68 1.29 0.00	47.69 2.10 0.00	38.81 2.04 0.00
RAVENSWOOD_GT2_2 24245	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.28 2.81 0.00	52.07 2.53 0.00	50.39 1.96 0.00	50.29 1.46 0.00	51.91 1.10 0.00	53.68 1.29 0.00	47.69 2.10 0.00	38.81 2.04 0.00



RAVENSWOOD_GT2_3 24246	39.99 2.45 0.00	35.85 1.94 0.00	30.85 1.70 0.00	31.30 1.54 0.00	31.72 1.52 0.00	35.68 1.33 0.00	38.27 1.37 0.00	35.39 1.48 0.00	30.52 1.57 0.00	31.82 1.73 0.00	34.52 1.89 -0.06	40.08 2.39 -0.59	45.86 2.70 -1.19	49.03 3.03 -0.24	48.32 2.92 -1.58	48.98 2.99 -0.96	47.31 2.83 0.00	52.10 2.56 0.00	50.42 1.99 0.00	50.32 1.49 0.00	51.94 1.13 0.00	53.70 1.31 0.00	47.71 2.13 0.00	38.82 2.05 0.00
RAVENSWOOD_GT2_4 24247	39.99 2.45 0.00	35.85 1.94 0.00	30.85 1.70 0.00	31.30 1.54 0.00	31.72 1.52 0.00	35.68 1.33 0.00	38.27 1.37 0.00	35.39 1.48 0.00	30.52 1.57 0.00	31.82 1.73 0.00	34.52 1.89 -0.06	40.08 2.39 -0.59	45.86 2.70 -1.19	49.03 3.03 -0.24	48.32 2.92 -1.58	48.98 2.99 -0.96	47.31 2.83 0.00	52.10 2.56 0.00	50.42 1.99 0.00	50.32 1.49 0.00	51.94 1.13 0.00	53.70 1.31 0.00	47.71 2.13 0.00	38.82 2.05 0.00
RAVENSWOOD_GT3_1 24248	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.28 2.81 0.00	52.07 2.53 0.00	50.39 1.96 0.00	50.29 1.46 0.00	51.91 1.10 0.00	53.68 1.29 0.00	47.69 2.10 0.00	38.81 2.04 0.00
RAVENSWOOD_GT3_2 24249	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.24 1.34 0.00	35.38 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.28 2.81 0.00	52.07 2.53 0.00	50.39 1.96 0.00	50.29 1.46 0.00	51.91 1.10 0.00	53.68 1.29 0.00	47.69 2.10 0.00	38.81 2.04 0.00
RAVENSWOOD_GT3_3 24250	40.04 2.50 0.00	35.89 1.98 0.00	30.88 1.73 0.00	31.34 1.57 0.00	31.76 1.55 0.00	35.71 1.37 0.00	38.31 1.41 0.00	35.44 1.52 0.00	30.55 1.61 0.00	31.87 1.77 0.00	34.57 1.94 -0.06	40.14 2.44 -0.59	45.93 2.76 -1.19	49.09 3.08 -0.24	48.39 2.99 -1.58	49.05 3.05 -0.96	47.38 2.91 0.00	52.18 2.63 0.00	50.49 2.06 0.00	50.40 1.57 0.00	52.02 1.21 0.00	53.79 1.40 0.00	47.78 2.20 0.00	38.88 2.12 0.00
RAVENSWOOD_GT3_4 24251	40.04 2.50 0.00	35.89 1.98 0.00	30.88 1.73 0.00	31.34 1.57 0.00	31.76 1.55 0.00	35.71 1.37 0.00	38.31 1.41 0.00	35.44 1.52 0.00	30.55 1.61 0.00	31.87 1.77 0.00	34.57 1.94 -0.06	40.14 2.44 -0.59	45.93 2.76 -1.19	49.09 3.08 -0.24	48.39 2.99 -1.58	49.05 3.05 -0.96	47.38 2.91 0.00	52.18 2.63 0.00	50.49 2.06 0.00	50.40 1.57 0.00	52.02 1.21 0.00	53.79 1.40 0.00	47.78 2.20 0.00	38.88 2.12 0.00
RAVENSWOOD_GT_1 23729	40.07 2.52 0.00	35.91 2.01 0.00	30.96 1.81 0.00	31.34 1.58 0.00	31.78 1.58 0.00	35.73 1.38 0.00	38.34 1.44 0.00	35.51 1.60 0.00	30.63 1.69 0.00	31.92 1.82 0.00	34.63 2.00 -0.06	40.24 2.54 -0.59	46.00 2.84 -1.19	49.15 3.14 -0.24	48.49 3.08 -1.58	49.13 3.13 -0.96	47.49 3.01 0.00	52.09 2.55 0.00	50.33 1.90 0.00	50.22 1.39 0.00	51.72 0.91 0.00	53.52 1.13 0.00	47.73 2.14 0.00	38.84 2.08 0.00
RAVENSWOOD_GT_10 24258	39.97 2.43 0.00	35.83 1.92 0.00	30.83 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.29 2.89 -1.58	48.95 2.95 -0.96	47.28 2.80 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.47 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.69 2.10 0.00	38.80 2.04 0.00
RAVENSWOOD_GT_11 24259	39.97 2.43 0.00	35.83 1.92 0.00	30.83 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.29 2.89 -1.58	48.95 2.95 -0.96	47.28 2.80 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.47 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.69 2.10 0.00	38.80 2.04 0.00
RAVENSWOOD_GT_4 24252	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.50 1.55 0.00	31.81 1.71 0.00	34.50 1.87 -0.06	40.07 2.37 -0.59	45.84 2.68 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.29 2.81 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.46 0.00	51.91 1.10 0.00	53.69 1.29 0.00	47.69 2.10 0.00	38.81 2.05 0.00
RAVENSWOOD_GT_5 24254	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.50 1.55 0.00	31.81 1.71 0.00	34.50 1.87 -0.06	40.07 2.37 -0.59	45.84 2.68 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.29 2.81 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.46 0.00	51.91 1.10 0.00	53.69 1.29 0.00	47.69 2.10 0.00	38.81 2.05 0.00
RAVENSWOOD_GT_6 24253	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.50 1.55 0.00	31.81 1.71 0.00	34.50 1.87 -0.06	40.07 2.37 -0.59	45.84 2.68 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.29 2.81 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.46 0.00	51.91 1.10 0.00	53.69 1.29 0.00	47.69 2.10 0.00	38.81 2.05 0.00
RAVENSWOOD_GT_7 24255	39.97 2.43 0.00	35.83 1.92 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.50 1.55 0.00	31.81 1.71 0.00	34.50 1.87 -0.06	40.07 2.37 -0.59	45.84 2.68 -1.19	48.99 2.99 -0.24	48.30 2.90 -1.58	48.95 2.95 -0.96	47.29 2.81 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.46 0.00	51.91 1.10 0.00	53.69 1.29 0.00	47.69 2.10 0.00	38.81 2.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.97 2.43 0.00	35.83 1.92 0.00	30.83 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.29 2.89 -1.58	48.95 2.95 -0.96	47.28 2.80 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.47 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.69 2.10 0.00	38.80 2.04 0.00
RAVENSWOOD_GT_9 24257	39.97 2.43 0.00	35.83 1.92 0.00	30.83 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.37 1.46 0.00	30.49 1.55 0.00	31.80 1.71 0.00	34.50 1.87 -0.06	40.06 2.36 -0.59	45.83 2.67 -1.19	48.99 2.99 -0.24	48.29 2.89 -1.58	48.95 2.95 -0.96	47.28 2.80 0.00	52.08 2.53 0.00	50.39 1.96 0.00	50.30 1.47 0.00	51.92 1.11 0.00	53.70 1.30 0.00	47.69 2.10 0.00	38.80 2.04 0.00

RAVENSWOOD___1 23533	40.02 2.48 0.00	35.85 1.95 0.00	30.93 1.78 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.68 1.34 0.00	38.29 1.39 0.00	35.47 1.56 0.00	30.60 1.65 -0.01	31.86 1.76 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.75 -1.19	49.03 3.03 -0.24	48.39 2.99 -1.58	49.05 3.05 -0.96	47.42 2.94 0.00	51.97 2.42 0.00	50.19 1.76 0.00	50.08 1.25 0.00	51.54 0.73 0.00	53.33 0.94 0.00	47.59 2.01 0.00	38.74 1.98 0.00
RAVENSWOOD___2 23534	39.96 2.42 0.00	35.81 1.90 0.00	30.88 1.73 0.00	31.25 1.49 0.00	31.69 1.49 0.00	35.63 1.29 0.00	38.24 1.34 0.00	35.42 1.50 0.00	30.55 1.61 -0.01	31.82 1.72 0.00	34.54 1.90 -0.06	40.13 2.43 -0.59	45.85 2.69 -1.19	48.91 2.91 -0.24	48.30 2.90 -1.58	48.84 2.84 -0.96	47.29 2.81 0.00	51.77 2.22 0.00	49.87 1.44 0.00	49.72 0.89 0.00	51.18 0.37 0.00	52.95 0.56 0.00	47.37 1.78 0.00	38.68 1.91 0.00
RAVENSWOOD___3 23535	39.97 2.43 0.00	35.83 1.93 0.00	30.84 1.69 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.31 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.50 1.55 0.00	31.81 1.71 0.00	34.50 1.87 -0.06	40.07 2.37 -0.59	45.84 2.67 -1.19	48.99 2.98 -0.24	48.29 2.89 -1.58	48.96 2.96 -0.96	47.29 2.82 0.00	52.07 2.53 0.00	50.38 1.95 0.00	50.30 1.46 0.00	51.91 1.10 0.00	53.69 1.30 0.00	47.69 2.10 0.00	38.81 2.05 0.00
RAVENSWOOD___4 23820	40.02 2.48 0.00	35.85 1.95 0.00	30.93 1.78 0.00	31.30 1.53 0.00	31.73 1.53 0.00	35.68 1.34 0.00	38.29 1.39 0.00	35.47 1.56 0.00	30.60 1.65 -0.01	31.86 1.76 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.91 2.75 -1.19	49.03 3.03 -0.24	48.39 2.99 -1.58	49.05 3.05 -0.96	47.42 2.94 0.00	51.97 2.42 0.00	50.19 1.76 0.00	50.08 1.25 0.00	51.54 0.73 0.00	53.33 0.94 0.00	47.59 2.01 0.00	38.74 1.98 0.00
RCPL_TRUST___DRP 24196	39.96 2.42 0.00	35.82 1.91 0.00	30.82 1.68 0.00	31.27 1.51 0.00	31.70 1.49 0.00	35.64 1.30 0.00	38.25 1.35 0.00	35.38 1.47 0.00	30.51 1.57 0.00	31.83 1.73 0.00	34.53 1.90 -0.06	40.09 2.40 -0.59	45.88 2.71 -1.19	49.03 3.03 -0.24	48.34 2.94 -1.57	48.99 3.00 -0.96	47.31 2.84 0.00	52.12 2.57 0.00	50.42 1.99 0.00	50.30 1.47 0.00	51.94 1.13 0.00	53.70 1.31 0.00	47.70 2.12 0.00	38.82 2.05 0.00
RED___ROCHESTER 323720	37.36 -0.18 0.00	33.87 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.02 -0.08 0.00	32.70 0.13 0.00	37.32 0.21 0.00	42.30 0.33 0.00	46.13 0.37 0.00	44.17 0.34 0.00	45.26 0.23 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.67 0.83 0.00	51.57 0.76 0.00	53.15 0.76 0.00	46.72 1.14 0.00	37.42 0.66 0.00
REGAN___SOLAR 323812	39.67 2.13 0.00	35.79 1.89 0.00	30.78 1.64 0.00	31.39 1.63 0.00	31.88 1.68 0.00	36.23 1.89 0.00	38.71 1.81 0.00	34.98 1.07 0.00	29.20 0.26 0.00	30.07 -0.03 0.00	32.53 -0.01 0.04	36.94 0.18 0.35	41.57 0.30 0.70	45.91 0.29 0.14	43.29 0.40 0.93	44.58 0.12 0.57	44.36 -0.11 0.00	49.87 0.32 0.00	49.65 1.22 0.00	51.46 2.63 0.00	54.20 3.39 0.00	55.90 3.50 0.00	48.67 3.08 0.00	39.08 2.32 0.00
RENSSELAER___COGEN 23796	38.25 0.71 0.00	34.68 0.77 0.00	29.92 0.76 0.00	30.50 0.74 0.00	30.93 0.72 0.00	34.94 0.60 0.00	37.34 0.44 0.00	34.26 0.35 0.00	29.08 0.13 0.00	30.10 0.00 0.05	32.34 -0.18 0.05	36.43 -0.22 0.46	40.64 -0.40 0.93	45.13 -0.43 0.19	42.16 -0.44 1.23	43.87 -0.41 0.75	43.96 -0.51 0.00	48.91 -0.64 0.00	47.79 -0.64 0.00	48.26 -0.57 0.00	50.21 -0.60 0.00	51.74 -0.65 0.00	45.26 -0.33 0.00	36.86 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.80 4.26 0.00	37.30 3.40 0.00	31.88 2.73 0.00	32.65 2.89 0.00	33.26 3.06 0.00	37.71 3.36 0.00	40.27 3.37 0.00	36.93 3.01 0.00	31.44 2.50 0.00	31.97 1.87 0.00	34.17 1.65 0.05	38.63 2.03 0.51	43.52 2.59 1.05	48.36 2.82 0.21	44.70 2.25 1.39	46.60 2.41 0.85	46.93 2.45 0.00	52.88 3.33 0.00	52.47 4.04 0.00	53.77 4.94 0.00	56.45 5.64 0.00	57.98 5.59 0.00	50.28 4.70 0.00	40.84 4.07 0.00
REVERE_CPPR_DRP 24186	39.04 1.50 0.00	35.28 1.37 0.00	30.28 1.13 0.00	30.92 1.16 0.00	31.40 1.20 0.00	35.76 1.42 0.00	38.43 1.53 0.00	35.10 1.19 0.00	29.72 0.78 0.00	30.77 0.68 0.00	33.33 0.75 0.00	38.00 0.89 0.00	42.93 0.96 0.00	46.78 1.02 0.00	44.77 0.94 0.00	46.05 1.02 0.00	45.54 1.07 0.00	51.13 1.58 0.00	50.32 1.89 0.00	51.22 2.39 0.00	53.50 2.69 0.00	55.16 2.76 0.00	47.96 2.37 0.00	38.47 1.71 0.00
REYNLDPA_13_KV_LD 356490	37.80 0.26 0.00	34.15 0.24 0.00	29.30 0.15 0.00	29.96 0.20 0.00	30.43 0.23 0.00	34.81 0.47 0.00	37.55 0.65 0.00	34.57 0.66 0.00	29.55 0.60 0.00	30.80 0.70 0.00	33.35 0.78 0.00	37.74 0.64 0.00	42.72 0.74 0.00	46.61 0.85 0.00	44.55 0.72 0.00	45.67 0.64 0.00	45.22 0.74 0.00	50.50 0.95 0.00	49.41 0.98 0.00	49.82 0.99 0.00	52.04 1.23 0.00	53.77 1.38 0.00	46.11 0.52 0.00	36.82 0.06 0.00
REYNOLDS_115KV_TB3 80639	38.54 1.00 0.00	34.84 0.93 0.00	30.04 0.89 0.00	30.64 0.88 0.00	31.06 0.86 0.00	35.09 0.75 0.00	37.49 0.59 0.00	34.42 0.51 0.00	29.27 0.32 0.00	30.30 0.20 0.00	32.55 0.04 0.06	36.60 0.04 0.55	40.82 -0.04 1.12	45.52 -0.01 0.23	42.29 -0.06 1.48	44.11 -0.02 0.91	44.31 -0.16 0.00	49.31 -0.24 0.00	48.18 -0.25 0.00	48.67 -0.16 0.00	50.68 -0.13 0.00	52.21 -0.19 0.00	45.68 0.09 0.00	37.17 0.40 0.00
RIVERBAY____ 323610	41.10 3.57 0.00	36.87 2.96 0.00	31.79 2.64 0.00	32.12 2.36 0.00	32.63 2.43 0.00	36.81 2.47 0.00	39.45 2.55 0.00	36.48 2.56 0.00	31.41 2.46 0.00	32.63 2.54 0.00	35.46 2.83 -0.06	41.26 3.56 -0.59	47.01 3.84 -1.19	50.25 4.24 -0.24	49.54 4.14 -1.58	50.25 4.25 -0.96	48.58 4.11 0.00	53.25 3.70 0.00	51.66 3.23 0.00	51.64 2.81 0.00	53.38 2.57 0.00	55.18 2.78 0.00	49.15 3.57 0.00	39.94 3.17 0.00
RIVERSDE_115KV_TB3 55908	38.43 0.89 0.00	34.79 0.88 0.00	30.00 0.86 0.00	30.60 0.84 0.00	31.02 0.82 0.00	35.06 0.72 0.00	37.46 0.56 0.00	34.38 0.46 0.00	29.20 0.26 0.00	30.24 0.14 0.00	32.50 -0.02 0.05	36.59 -0.02 0.51	40.80 -0.15 1.03	45.41 -0.14 0.21	42.32 -0.15 1.36	44.09 -0.11 0.83	44.23 -0.24 0.00	49.24 -0.31 0.00	48.12 -0.31 0.00	48.59 -0.24 0.00	50.56 -0.25 0.00	52.08 -0.32 0.00	45.56 -0.03 0.00	37.08 0.32 0.00
ROARING___BROOK_WT_PWR 323790	37.47 -0.07 0.00	33.87 -0.04 0.00	29.15 0.00 0.00	29.78 0.02 0.00	30.23 0.03 0.00	34.42 0.07 0.00	36.99 0.08 0.00	34.00 0.09 0.00	29.02 0.07 0.00	30.19 0.09 0.00	32.66 0.09 0.00	37.15 0.04 0.00	42.02 0.04 0.00	45.81 0.05 0.00	43.85 0.02 0.00	45.04 0.00 0.00	44.49 0.02 0.00	49.61 0.06 0.00	48.52 0.09 0.00	48.93 0.10 0.00	50.98 0.17 0.00	52.61 0.21 0.00	45.61 0.03 0.00	36.70 -0.07 0.00

ROCHESRG_115KV_T4 355643	37.00 -0.54 0.00	33.56 -0.34 0.00	28.60 -0.55 0.00	29.27 -0.49 0.00	29.82 -0.38 0.00	34.00 -0.35 0.00	36.11 -0.79 0.00	33.15 -0.77 0.00	28.41 -0.53 0.00	29.73 -0.37 0.00	32.36 -0.21 0.00	36.91 -0.20 0.00	41.83 -0.15 0.00	45.60 -0.16 0.00	43.64 -0.19 0.00	44.74 -0.29 0.00	44.37 -0.11 0.00	49.66 0.11 0.00	48.64 0.20 0.00	48.98 0.15 0.00	50.92 0.10 0.00	52.51 0.12 0.00	46.20 0.61 0.00	37.04 0.28 0.00
ROCHESTER_9_IC 23652	37.16 -0.39 0.00	33.70 -0.21 0.00	28.72 -0.43 0.00	29.38 -0.38 0.00	29.94 -0.26 0.00	34.13 -0.21 0.00	36.26 -0.64 0.00	33.28 -0.63 0.00	28.54 -0.40 0.00	29.86 -0.24 0.00	32.52 -0.05 0.00	37.09 -0.01 0.00	42.04 0.07 0.00	45.83 0.07 0.00	43.87 0.04 0.00	44.98 -0.05 0.00	44.61 0.14 0.00	49.95 0.40 0.00	48.93 0.50 0.00	49.28 0.45 0.00	51.21 0.40 0.00	52.81 0.41 0.00	46.43 0.85 0.00	37.22 0.46 0.00
ROCKVIEW_13_KV_LD 356306	40.01 2.47 0.00	35.87 1.97 0.00	30.86 1.71 0.00	31.32 1.56 0.00	31.75 1.54 0.00	35.72 1.38 0.00	38.29 1.39 0.00	35.39 1.47 0.00	30.47 1.52 0.00	31.76 1.66 0.00	34.45 1.82 -0.06	40.00 2.30 -0.59	45.76 2.60 -1.19	48.93 2.92 -0.24	48.23 2.83 -1.58	48.90 2.90 -0.96	47.20 2.72 0.00	52.09 2.54 0.00	50.51 2.08 0.00	50.46 1.62 0.00	52.11 1.29 0.00	53.87 1.48 0.00	47.74 2.16 0.00	38.84 2.07 0.00
ROME____115KV_TB2 80656	39.04 1.50 0.00	35.28 1.37 0.00	30.28 1.13 0.00	30.92 1.16 0.00	31.40 1.20 0.00	35.76 1.42 0.00	38.43 1.53 0.00	35.10 1.19 0.00	29.72 0.78 0.00	30.77 0.68 0.00	33.33 0.75 0.00	38.00 0.89 0.00	42.93 0.96 0.00	46.78 1.02 0.00	44.77 0.94 0.00	46.05 1.02 0.00	45.54 1.07 0.00	51.13 1.58 0.00	50.32 1.89 0.00	51.22 2.39 0.00	53.50 2.69 0.00	55.16 2.76 0.00	47.96 2.37 0.00	38.47 1.71 0.00
ROSETON___1 23587	39.18 1.64 0.00	35.21 1.31 0.00	30.33 1.18 0.00	30.84 1.08 0.00	31.25 1.05 0.00	35.20 0.86 0.00	37.70 0.80 0.00	34.77 0.86 0.00	29.83 0.89 0.00	31.01 0.91 0.00	33.56 0.94 -0.06	38.87 1.22 -0.54	44.42 1.35 -1.10	47.53 1.54 -0.23	46.77 1.49 -1.46	47.46 1.54 -0.89	45.88 1.41 0.00	50.76 1.21 0.00	49.36 0.93 0.00	49.47 0.64 0.00	51.21 0.39 0.00	52.89 0.49 0.00	46.77 1.19 0.00	38.03 1.27 0.00
ROSETON___2 23588	39.18 1.64 0.00	35.21 1.31 0.00	30.33 1.18 0.00	30.84 1.08 0.00	31.25 1.05 0.00	35.20 0.86 0.00	37.70 0.80 0.00	34.77 0.86 0.00	29.83 0.89 0.00	31.01 0.91 0.00	33.56 0.94 -0.06	38.87 1.22 -0.54	44.42 1.35 -1.10	47.53 1.54 -0.23	46.77 1.49 -1.46	47.46 1.54 -0.89	45.88 1.41 0.00	50.76 1.21 0.00	49.36 0.93 0.00	49.47 0.64 0.00	51.21 0.39 0.00	52.89 0.49 0.00	46.77 1.19 0.00	38.03 1.27 0.00
ROTTRDAM_115KV_TB3 80664	38.59 1.05 0.00	34.81 0.91 0.00	30.00 0.85 0.00	30.59 0.83 0.00	31.04 0.84 0.00	35.14 0.80 0.00	37.59 0.68 0.00	34.48 0.57 0.00	29.34 0.40 0.00	30.40 0.31 0.00	32.76 0.23 0.04	37.05 0.33 0.39	41.57 0.39 0.80	46.03 0.43 0.16	43.16 0.39 1.06	44.79 0.41 0.65	44.84 0.37 0.00	49.98 0.44 0.00	48.97 0.54 0.00	49.53 0.70 0.00	51.57 0.76 0.00	53.17 0.78 0.00	46.48 0.89 0.00	37.60 0.84 0.00
RUSSELL___1 23602	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
RUSSELL___2 23532	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
RUSSELL___3 23549	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
RUSSELL___4 23556	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
RUSSELL___STATION 23914	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
S SALMON___HYD 24043	37.56 0.02 0.00	33.97 0.06 0.00	29.16 0.01 0.00	29.77 0.01 0.00	30.28 0.07 0.00	34.46 0.12 0.00	36.94 0.04 0.00	33.79 -0.13 0.00	28.65 -0.29 0.00	29.75 -0.35 0.00	32.15 -0.42 0.00	36.58 -0.52 0.00	41.35 -0.62 0.00	44.96 -0.81 0.00	43.10 -0.73 0.00	44.31 -0.72 0.00	43.72 -0.75 0.00	49.03 -0.51 0.00	48.04 -0.39 0.00	48.86 0.03 0.00	51.23 0.42 0.00	53.11 0.71 0.00	46.15 0.57 0.00	37.11 0.35 0.00
S.PERRY__115KV_TB1 80734	38.30 0.76 0.00	34.69 0.79 0.00	29.51 0.36 0.00	30.16 0.40 0.00	30.77 0.57 0.00	35.08 0.74 0.00	37.30 0.40 0.00	33.93 0.02 0.00	28.68 -0.27 0.00	29.92 -0.17 0.00	32.61 0.03 0.00	37.16 0.05 0.00	42.24 0.27 0.00	46.03 0.27 0.00	43.99 0.17 0.00	44.91 -0.12 0.00	43.96 -0.51 0.00	48.94 -0.61 0.00	48.03 -0.40 0.00	48.96 0.13 0.00	51.53 0.72 0.00	53.24 0.84 0.00	46.82 1.24 0.00	38.28 1.51 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.16 -1.38 0.00	33.02 -0.89 0.00	27.93 -1.22 0.00	28.66 -1.10 0.00	29.30 -0.91 0.00	33.48 -0.87 0.00	35.08 -1.82 0.00	32.19 -1.72 0.00	27.85 -1.10 0.00	29.33 -0.76 0.00	32.14 -0.43 0.00	36.47 -0.64 0.00	41.41 -0.56 0.00	45.10 -0.66 0.00	43.11 -0.71 0.00	44.13 -0.90 0.00	43.76 -0.71 0.00	49.08 -0.46 0.00	47.95 -0.48 0.00	48.01 -0.82 0.00	49.93 -0.88 0.00	51.65 -0.74 0.00	46.07 0.48 0.00	36.88 0.11 0.00

SAWYER___23_KV_LOAD 55526	36.16 -1.38 0.00	33.02 -0.89 0.00	27.93 -1.22 0.00	28.66 -1.10 0.00	29.30 -0.91 0.00	33.48 -0.87 0.00	35.08 -1.82 0.00	32.19 -1.72 0.00	27.85 -1.10 0.00	29.33 -0.76 0.00	32.14 -0.43 0.00	36.47 -0.64 0.00	41.41 -0.56 0.00	45.10 -0.66 0.00	43.11 -0.71 0.00	44.13 -0.90 0.00	43.76 -0.71 0.00	49.08 -0.46 0.00	47.95 -0.48 0.00	48.01 -0.82 0.00	49.93 -0.88 0.00	51.65 -0.74 0.00	46.07 0.48 0.00	36.88 0.11 0.00
SELKIRK___I 23801	38.48 0.94 0.00	34.86 0.95 0.00	30.09 0.94 0.00	30.69 0.93 0.00	31.13 0.93 0.00	35.20 0.85 0.00	37.60 0.70 0.00	34.44 0.52 0.00	29.21 0.27 0.00	30.21 0.12 0.00	32.49 -0.06 0.03	36.66 -0.16 0.28	40.89 -0.52 0.57	44.66 -0.99 0.12	42.00 -1.07 0.76	43.52 -1.04 0.46	43.35 -1.12 0.01	39.51 -1.31 8.73	47.17 -1.25 0.00	47.73 -1.11 0.00	49.71 -1.10 0.00	51.23 -1.17 0.00	38.61 -0.81 6.17	36.39 -0.38 0.00
SELKIRK___II 23799	38.31 0.76 0.00	34.68 0.77 0.00	29.92 0.76 0.00	30.51 0.75 0.00	30.94 0.74 0.00	34.95 0.61 0.00	37.37 0.47 0.00	34.30 0.38 0.00	29.16 0.22 0.00	30.17 0.07 0.00	32.39 -0.15 0.03	36.52 -0.26 0.33	40.88 -0.43 0.67	45.13 -0.49 0.14	42.43 -0.51 0.89	44.00 -0.49 0.55	43.86 -0.60 0.02	17.20 -0.76 31.58	47.63 -0.80 0.00	48.07 -0.77 0.00	49.99 -0.82 0.00	51.53 -0.86 0.00	22.77 -0.49 22.33	36.67 -0.09 0.00
SENECA OSWGO___HYD 24041	36.88 -0.66 0.00	33.33 -0.58 0.00	28.61 -0.54 0.00	29.19 -0.57 0.00	29.66 -0.54 0.00	33.70 -0.64 0.00	36.08 -0.83 0.00	33.10 -0.81 0.00	28.21 -0.73 0.00	29.32 -0.78 0.00	31.76 -0.81 0.00	36.21 -0.89 0.00	41.00 -0.98 0.00	44.66 -1.10 0.00	42.83 -1.00 0.00	44.03 -1.00 0.00	43.52 -0.95 0.00	48.63 -0.92 0.00	47.61 -0.82 0.00	48.11 -0.72 0.00	50.06 -0.75 0.00	51.57 -0.82 0.00	44.97 -0.61 0.00	36.28 -0.48 0.00
SENECA___115KV_TB3 355854	36.53 -1.01 0.00	33.34 -0.57 0.00	28.20 -0.95 0.00	28.91 -0.85 0.00	29.55 -0.66 0.00	33.76 -0.59 0.00	35.42 -1.48 0.00	32.54 -1.38 0.00	28.15 -0.79 0.00	29.64 -0.45 0.00	32.49 -0.09 0.00	36.89 -0.22 0.00	41.92 -0.06 0.00	45.65 -0.11 0.00	43.67 -0.16 0.00	44.73 -0.30 0.00	44.23 -0.25 0.00	49.62 0.07 0.00	48.48 0.05 0.00	48.55 -0.28 0.00	50.50 -0.31 0.00	52.20 -0.20 0.00	46.50 0.92 0.00	37.22 0.46 0.00
SENECA___ENERGY 23797	37.03 -0.51 0.00	33.52 -0.39 0.00	28.69 -0.46 0.00	29.25 -0.51 0.00	29.78 -0.42 0.00	33.85 -0.49 0.00	36.20 -0.70 0.00	32.95 -0.96 0.00	28.14 -0.81 0.00	29.05 -1.04 0.00	31.44 -1.14 0.00	35.98 -1.13 0.00	40.82 -1.16 0.00	44.37 -1.39 0.00	43.09 -0.74 0.00	44.69 -0.35 0.00	44.27 -0.21 0.00	49.39 -0.16 0.00	48.47 0.04 0.00	48.97 0.14 0.00	50.96 0.15 0.00	52.49 0.09 0.00	46.05 0.47 0.00	37.10 0.34 0.00
SHOEMAKER___GT 23640	39.05 1.50 0.00	35.13 1.22 0.00	30.23 1.08 0.00	30.73 0.97 0.00	31.17 0.96 0.00	35.16 0.81 0.00	37.66 0.75 0.00	34.69 0.78 0.00	29.72 0.77 0.00	30.88 0.78 0.00	33.44 0.82 -0.05	38.68 1.08 -0.49	44.17 1.21 -0.99	47.39 1.43 -0.20	46.53 1.38 -1.31	47.31 1.47 -0.80	45.87 1.40 0.00	50.86 1.32 0.00	49.52 1.09 0.00	49.71 0.87 0.00	51.48 0.67 0.00	53.15 0.75 0.00	46.87 1.29 0.00	38.03 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	39.04 1.49 0.00	35.12 1.21 0.00	30.22 1.07 0.00	30.73 0.97 0.00	31.16 0.96 0.00	35.14 0.80 0.00	37.64 0.74 0.00	34.69 0.78 0.00	29.72 0.78 0.00	30.91 0.81 0.00	33.48 0.85 -0.05	38.73 1.13 -0.48	44.22 1.27 -0.98	47.44 1.48 -0.20	46.57 1.44 -1.30	47.35 1.52 -0.79	45.90 1.43 0.00	50.87 1.32 0.00	49.51 1.07 0.00	49.67 0.83 0.00	51.43 0.62 0.00	53.10 0.71 0.00	46.85 1.27 0.00	38.02 1.26 0.00
SHOREHAM_IC_1 23715	40.52 2.98 0.00	35.79 1.88 0.00	31.05 1.91 0.00	31.56 1.81 0.00	31.83 1.63 0.00	35.54 1.20 0.00	38.12 1.22 0.00	34.93 1.02 0.00	30.22 1.28 0.00	31.60 1.50 0.00	34.52 1.89 -0.06	40.19 2.50 -0.58	45.93 2.77 -1.18	49.88 3.31 -0.81	48.82 3.25 -1.74	48.85 2.86 -0.96	46.87 2.40 0.00	51.76 2.22 0.00	50.70 1.89 -0.38	50.13 1.30 0.00	51.41 0.60 0.00	52.99 0.59 0.00	46.97 1.39 0.00	38.32 1.56 0.00
SHOREHAM_IC_2 23716	40.52 2.98 0.00	35.79 1.88 0.00	31.06 1.91 0.00	31.56 1.81 0.00	31.84 1.64 0.00	35.54 1.20 0.00	38.12 1.22 0.00	34.93 1.02 0.00	30.22 1.28 0.00	31.60 1.50 0.00	34.52 1.89 -0.06	40.19 2.50 -0.59	45.93 2.77 -1.19	49.89 3.32 -0.81	48.82 3.25 -1.74	48.85 2.86 -0.96	46.87 2.40 0.00	51.76 2.22 0.00	50.70 1.89 -0.38	50.13 1.30 0.00	51.42 0.60 0.00	52.99 0.59 0.00	46.98 1.39 0.00	38.32 1.56 0.00
SISSONVILLE____ 23735	38.20 0.66 0.00	34.49 0.58 0.00	29.58 0.43 0.00	30.25 0.49 0.00	30.74 0.54 0.00	35.21 0.87 0.00	38.00 1.10 0.00	34.95 1.03 0.00	29.72 0.78 0.00	30.94 0.84 0.00	33.47 0.90 0.00	37.85 0.74 0.00	42.82 0.84 0.00	46.69 0.93 0.00	44.52 0.69 0.00	45.47 0.44 0.00	44.76 0.28 0.00	50.08 0.54 0.00	49.13 0.70 0.00	49.83 1.00 0.00	52.45 1.64 0.00	54.60 2.20 0.00	46.75 1.17 0.00	37.26 0.49 0.00
SITHE_IND_GS1 24169	36.39 -1.15 0.00	32.90 -1.01 0.00	28.26 -0.90 0.00	28.83 -0.93 0.00	29.30 -0.91 0.00	33.28 -1.06 0.00	35.65 -1.25 0.00	32.73 -1.19 0.00	27.91 -1.03 0.00	29.03 -1.07 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.56 -1.41 0.00	44.15 -1.61 0.00	42.38 -1.45 0.00	43.54 -1.49 0.00	43.05 -1.42 0.00	48.03 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.43 0.00	49.29 -1.52 0.00	50.82 -1.58 0.00	44.38 -1.20 0.00	35.78 -0.98 0.00
SITHE_IND_GS2 24170	36.39 -1.15 0.00	32.90 -1.01 0.00	28.26 -0.90 0.00	28.83 -0.93 0.00	29.30 -0.91 0.00	33.28 -1.06 0.00	35.65 -1.25 0.00	32.73 -1.19 0.00	27.91 -1.03 0.00	29.03 -1.07 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.56 -1.41 0.00	44.15 -1.61 0.00	42.38 -1.45 0.00	43.54 -1.49 0.00	43.05 -1.42 0.00	48.03 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.43 0.00	49.29 -1.52 0.00	50.82 -1.58 0.00	44.38 -1.20 0.00	35.78 -0.98 0.00
SITHE_IND_GS3 24171	36.39 -1.15 0.00	32.90 -1.01 0.00	28.26 -0.90 0.00	28.83 -0.93 0.00	29.30 -0.91 0.00	33.28 -1.06 0.00	35.65 -1.25 0.00	32.73 -1.19 0.00	27.91 -1.03 0.00	29.03 -1.07 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.56 -1.41 0.00	44.15 -1.61 0.00	42.38 -1.45 0.00	43.54 -1.49 0.00	43.05 -1.42 0.00	48.03 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.43 0.00	49.29 -1.52 0.00	50.82 -1.58 0.00	44.38 -1.20 0.00	35.78 -0.98 0.00
SITHE_IND_GS4 24172	36.39 -1.15 0.00	32.90 -1.01 0.00	28.26 -0.90 0.00	28.83 -0.93 0.00	29.30 -0.91 0.00	33.28 -1.06 0.00	35.65 -1.25 0.00	32.73 -1.19 0.00	27.91 -1.03 0.00	29.03 -1.07 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.56 -1.41 0.00	44.15 -1.61 0.00	42.38 -1.45 0.00	43.54 -1.49 0.00	43.05 -1.42 0.00	48.03 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.43 0.00	49.29 -1.52 0.00	50.82 -1.58 0.00	44.38 -1.20 0.00	35.78 -0.98 0.00

SITHE___BATAVIA 24024	37.40 -0.14 0.00	34.01 0.10 0.00	28.83 -0.32 0.00	29.56 -0.20 0.00	30.18 -0.02 0.00	34.52 0.17 0.00	36.34 -0.57 0.00	33.25 -0.67 0.00	28.47 -0.48 0.00	29.77 -0.33 0.00	32.47 -0.10 0.00	37.04 -0.06 0.00	41.98 0.00 0.00	45.76 0.00 0.00	43.89 0.06 0.00	45.25 0.22 0.00	44.76 0.29 0.00	50.11 0.57 0.00	49.12 0.68 0.00	49.66 0.83 0.00	51.82 1.01 0.00	53.52 1.12 0.00	47.41 1.82 0.00	37.90 1.14 0.00
SITHE___INDEPEND 23800	36.39 -1.15 0.00	32.90 -1.01 0.00	28.26 -0.89 0.00	28.83 -0.93 0.00	29.30 -0.91 0.00	33.28 -1.06 0.00	35.64 -1.26 0.00	32.73 -1.19 0.00	27.91 -1.03 0.00	29.03 -1.07 0.00	31.45 -1.13 0.00	35.86 -1.25 0.00	40.56 -1.41 0.00	44.15 -1.61 0.00	42.37 -1.46 0.00	43.55 -1.49 0.00	43.05 -1.42 0.00	48.03 -1.51 0.00	46.99 -1.44 0.00	47.41 -1.42 0.00	49.29 -1.52 0.00	50.82 -1.58 0.00	44.38 -1.20 0.00	35.78 -0.98 0.00
SITHE___MASSENA 23902	37.85 0.31 0.00	34.19 0.28 0.00	29.33 0.18 0.00	29.99 0.23 0.00	30.46 0.26 0.00	34.86 0.52 0.00	37.60 0.70 0.00	34.65 0.74 0.00	29.59 0.65 0.00	30.82 0.72 0.00	33.38 0.81 0.00	37.77 0.66 0.00	42.74 0.77 0.00	46.64 0.88 0.00	44.55 0.72 0.00	45.65 0.62 0.00	45.16 0.69 0.00	50.45 0.90 0.00	49.39 0.96 0.00	49.86 1.03 0.00	52.17 1.36 0.00	53.97 1.57 0.00	46.20 0.61 0.00	36.86 0.10 0.00
SITHE___OGDNSBRG 24021	38.62 1.08 0.00	34.87 0.96 0.00	29.89 0.74 0.00	30.58 0.82 0.00	31.08 0.88 0.00	35.62 1.28 0.00	38.44 1.53 0.00	35.24 1.33 0.00	29.85 0.91 0.00	31.05 0.95 0.00	33.59 1.01 0.00	37.99 0.89 0.00	43.00 1.02 0.00	46.87 1.11 0.00	44.72 0.89 0.00	45.75 0.71 0.00	45.16 0.69 0.00	50.49 0.94 0.00	49.54 1.11 0.00	50.47 1.64 0.00	53.38 2.57 0.00	55.41 3.02 0.00	47.31 1.72 0.00	37.64 0.87 0.00
SITHE___STERLING 23777	38.66 1.12 0.00	34.94 1.03 0.00	29.99 0.84 0.00	30.61 0.85 0.00	31.09 0.89 0.00	35.38 1.04 0.00	37.99 1.09 0.00	34.73 0.82 0.00	29.43 0.49 0.00	30.53 0.43 0.00	33.07 0.49 0.00	37.69 0.58 0.00	42.60 0.63 0.00	46.45 0.70 0.00	44.49 0.66 0.00	45.78 0.75 0.00	45.25 0.78 0.00	50.67 1.12 0.00	49.76 1.33 0.00	50.53 1.70 0.00	52.77 1.96 0.00	54.39 2.00 0.00	47.34 1.76 0.00	38.05 1.28 0.00
SLEIGHT__34_KV_TB1 80719	37.91 0.36 0.00	34.29 0.38 0.00	29.35 0.20 0.00	29.94 0.18 0.00	30.46 0.26 0.00	34.70 0.36 0.00	37.13 0.23 0.00	33.99 0.07 0.00	28.96 0.01 0.00	30.02 -0.08 0.00	32.56 -0.01 0.00	37.32 0.21 0.00	42.42 0.44 0.00	46.20 0.44 0.00	44.41 0.58 0.00	45.54 0.51 0.00	45.13 0.65 0.00	50.43 0.88 0.00	49.50 1.07 0.00	50.02 1.19 0.00	52.11 1.30 0.00	53.65 1.26 0.00	46.89 1.31 0.00	37.74 0.98 0.00
SMITHTWN_69_KV_BK 1 55830	40.75 3.21 0.00	36.14 2.23 0.00	31.18 2.03 0.00	31.63 1.87 0.00	31.92 1.72 0.00	35.80 1.46 0.00	38.41 1.51 0.00	35.32 1.41 0.00	30.54 1.60 0.00	31.96 1.86 0.00	34.98 2.34 -0.06	40.72 3.02 -0.59	46.60 3.43 -1.19	50.60 4.03 -0.81	49.47 3.90 -1.74	49.47 3.47 -0.96	47.41 2.94 0.00	52.26 2.71 0.00	50.98 2.32 -0.23	50.54 1.70 0.00	51.84 1.03 0.00	53.43 1.04 0.00	47.40 1.81 0.00	38.71 1.95 0.00
SOUTH CAIRO___GT 23612	39.42 1.88 0.00	35.69 1.79 0.00	30.76 1.61 0.00	31.37 1.62 0.00	31.84 1.64 0.00	36.05 1.71 0.00	38.55 1.65 0.00	35.33 1.42 0.00	29.79 0.85 0.00	30.63 0.53 0.00	32.78 0.22 0.02	37.14 0.22 0.19	41.78 0.20 0.39	45.72 0.04 0.08	43.33 0.02 0.52	44.91 0.20 0.32	44.60 0.13 0.01	38.86 0.42 11.10	49.03 0.60 0.00	50.11 1.28 0.00	52.34 1.53 0.00	53.85 1.46 0.00	39.01 1.28 7.85	37.92 1.16 0.00
SOUTH HAMPTN___IC 23720	41.27 3.73 0.00	36.46 2.55 0.00	31.58 2.43 0.00	32.06 2.31 0.00	32.29 2.09 0.00	36.11 1.77 0.00	38.73 1.83 0.00	35.57 1.66 0.00	30.82 1.87 0.00	32.26 2.17 0.00	35.32 2.68 -0.06	41.13 3.44 -0.58	46.99 3.83 -1.18	51.06 4.49 -0.81	49.95 4.39 -1.74	50.05 4.05 -0.96	48.03 3.55 0.00	53.10 3.55 0.00	52.00 3.19 -0.38	51.35 2.52 0.00	52.54 1.73 0.00	54.16 1.77 0.00	47.96 2.38 0.00	39.07 2.31 0.00
SOUTHDOW_115KV_TB1 355954	37.59 0.05 0.00	34.18 0.27 0.00	28.87 -0.28 0.00	29.53 -0.23 0.00	30.24 0.03 0.00	34.47 0.12 0.00	36.46 -0.44 0.00	33.77 -0.15 0.00	29.26 0.31 0.00	30.87 0.78 0.00	33.78 1.20 0.00	38.48 1.37 0.00	43.78 1.81 0.00	47.69 1.93 0.00	45.66 1.83 0.00	46.70 1.67 0.00	45.62 1.14 0.00	50.96 1.42 0.00	49.87 1.44 0.00	49.82 0.98 0.00	51.77 0.96 0.00	53.48 1.09 0.00	47.53 1.94 0.00	38.13 1.37 0.00
SOUTHOLD_69_KV_BK 2 55809	42.17 4.63 0.00	37.23 3.32 0.00	32.20 3.05 0.00	32.67 2.91 0.00	32.80 2.59 0.00	36.73 2.39 0.00	39.42 2.52 0.00	36.28 2.37 0.00	31.47 2.53 0.00	33.00 2.91 0.00	36.17 3.54 -0.06	42.13 4.43 -0.59	48.12 4.96 -1.19	52.35 5.77 -0.81	51.21 5.65 -1.74	51.34 5.34 -0.96	49.24 4.77 0.00	54.55 5.00 0.00	53.41 4.60 -0.38	52.66 3.83 0.00	53.77 2.96 0.00	55.53 3.13 0.00	49.09 3.50 0.00	39.93 3.16 0.00
SOUTHOLD___IC 23719	42.17 4.63 0.00	37.23 3.32 0.00	32.20 3.05 0.00	32.67 2.91 0.00	32.79 2.59 0.00	36.73 2.39 0.00	39.42 2.52 0.00	36.28 2.37 0.00	31.47 2.53 0.00	33.00 2.90 0.00	36.17 3.54 -0.06	42.13 4.43 -0.58	48.11 4.95 -1.18	52.33 5.75 -0.81	51.21 5.64 -1.74	51.34 5.34 -0.96	49.24 4.77 0.00	54.55 5.00 0.00	53.41 4.60 -0.38	52.66 3.82 0.00	53.77 2.96 0.00	55.53 3.14 0.00	49.09 3.50 0.00	39.93 3.16 0.00
SOUTH_FORK_WT_PWR 323839	42.34 4.80 0.00	37.37 3.46 0.00	32.32 3.17 0.00	32.78 3.02 0.00	32.84 2.64 0.00	36.81 2.47 0.00	39.53 2.62 0.00	36.39 2.48 0.00	31.58 2.64 0.00	33.13 3.03 0.00	36.34 3.71 -0.06	42.35 4.65 -0.58	48.33 5.17 -1.18	52.56 5.99 -0.81	51.43 5.86 -1.74	51.54 5.55 -0.96	49.35 4.88 0.00	54.67 5.12 0.00	53.53 4.71 -0.38	52.73 3.90 0.00	53.80 2.99 0.00	55.68 3.29 0.00	49.22 3.64 0.00	40.05 3.29 0.00
SPIERFLS_115KV_TB 1 80737	39.45 1.91 0.00	35.42 1.52 0.00	30.47 1.31 0.00	31.08 1.32 0.00	31.57 1.37 0.00	35.76 1.42 0.00	38.28 1.38 0.00	35.13 1.22 0.00	29.84 0.89 0.00	30.67 0.57 0.00	32.73 0.21 0.05	36.98 0.37 0.50	41.42 0.47 1.02	46.04 0.49 0.21	42.77 0.30 1.35	44.58 0.37 0.83	44.88 0.40 0.00	50.32 0.78 0.00	49.91 1.48 0.00	50.75 1.92 0.00	53.02 2.21 0.00	54.52 2.12 0.00	47.42 1.84 0.00	38.44 1.68 0.00
ST LAWRENCE____ 23600	37.40 -0.14 0.00	33.78 -0.12 0.00	28.98 -0.16 0.00	29.64 -0.13 0.00	30.10 -0.10 0.00	34.43 0.08 0.00	37.14 0.24 0.00	34.20 0.29 0.00	29.23 0.28 0.00	30.46 0.36 0.00	32.98 0.41 0.00	37.35 0.25 0.00	42.26 0.29 0.00	46.10 0.34 0.00	44.08 0.25 0.00	45.21 0.18 0.00	44.74 0.26 0.00	49.94 0.39 0.00	48.86 0.44 0.00	49.28 0.44 0.00	51.43 0.62 0.00	53.14 0.74 0.00	45.61 0.03 0.00	36.44 -0.32 0.00

STATE_CA_115KV_115_LB 55624	38.46 0.92 0.00	34.86 0.95 0.00	30.05 0.90 0.00	30.64 0.88 0.00	31.07 0.87 0.00	35.11 0.77 0.00	37.54 0.64 0.00	34.45 0.53 0.00	29.24 0.29 0.00	30.28 0.18 0.00	32.57 0.04 0.05	36.70 0.07 0.47	40.95 -0.07 0.95	45.52 -0.04 0.20	42.51 -0.05 1.27	44.26 0.00 0.78	44.38 -0.09 0.00	49.43 -0.11 0.00	48.29 -0.14 0.00	48.76 -0.07 0.00	50.71 -0.10 0.00	52.22 -0.18 0.00	45.66 0.07 0.00	37.16 0.40 0.00
STATE_ST_34_KV_LOAD 55959	37.60 0.06 0.00	34.02 0.11 0.00	29.16 0.01 0.00	29.76 0.00 0.00	30.26 0.06 0.00	34.39 0.04 0.00	36.82 -0.08 0.00	33.55 -0.36 0.00	28.67 -0.27 0.00	29.66 -0.44 0.00	32.11 -0.47 0.00	36.82 -0.29 0.00	41.76 -0.22 0.00	45.43 -0.33 0.00	43.78 -0.04 0.00	44.89 -0.15 0.00	44.64 0.16 0.00	49.84 0.30 0.00	48.87 0.44 0.00	49.22 0.38 0.00	51.25 0.44 0.00	52.80 0.41 0.00	46.18 0.60 0.00	37.34 0.57 0.00
STATION_5_MISC_HYD 23604	37.16 -0.38 0.00	33.70 -0.21 0.00	28.72 -0.43 0.00	29.38 -0.38 0.00	29.94 -0.26 0.00	34.13 -0.21 0.00	36.26 -0.64 0.00	33.28 -0.63 0.00	28.54 -0.41 0.00	29.86 -0.24 0.00	32.52 -0.05 0.00	37.10 -0.01 0.00	42.05 0.07 0.00	45.85 0.09 0.00	43.88 0.05 0.00	44.98 -0.06 0.00	44.62 0.14 0.00	49.95 0.41 0.00	48.94 0.50 0.00	49.28 0.45 0.00	51.20 0.39 0.00	52.80 0.40 0.00	46.43 0.85 0.00	37.22 0.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.16 -0.38 0.00	33.66 -0.25 0.00	28.75 -0.40 0.00	29.37 -0.39 0.00	29.92 -0.28 0.00	34.07 -0.27 0.00	36.32 -0.58 0.00	33.36 -0.56 0.00	28.52 -0.42 0.00	29.72 -0.38 0.00	32.28 -0.30 0.00	36.84 -0.27 0.00	41.79 -0.18 0.00	45.54 -0.22 0.00	43.57 -0.26 0.00	44.79 -0.24 0.00	44.42 -0.06 0.00	49.65 0.11 0.00	48.70 0.27 0.00	49.15 0.32 0.00	51.09 0.27 0.00	52.64 0.24 0.00	46.21 0.63 0.00	37.09 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.95 -0.59 0.00	33.51 -0.40 0.00	28.56 -0.59 0.00	29.22 -0.54 0.00	29.76 -0.44 0.00	33.93 -0.41 0.00	36.07 -0.84 0.00	33.12 -0.79 0.00	28.40 -0.54 0.00	29.70 -0.40 0.00	32.33 -0.24 0.00	36.89 -0.22 0.00	41.81 -0.16 0.00	45.59 -0.17 0.00	43.63 -0.19 0.00	44.74 -0.29 0.00	44.38 -0.09 0.00	49.68 0.14 0.00	48.68 0.25 0.00	49.03 0.19 0.00	50.92 0.11 0.00	52.50 0.10 0.00	46.12 0.54 0.00	36.98 0.21 0.00
STA_56___34_KV_BUS2 355983	36.95 -0.59 0.00	33.51 -0.40 0.00	28.56 -0.59 0.00	29.22 -0.54 0.00	29.76 -0.44 0.00	33.93 -0.41 0.00	36.07 -0.84 0.00	33.12 -0.79 0.00	28.40 -0.54 0.00	29.70 -0.40 0.00	32.33 -0.24 0.00	36.89 -0.22 0.00	41.81 -0.16 0.00	45.59 -0.17 0.00	43.63 -0.19 0.00	44.74 -0.29 0.00	44.38 -0.09 0.00	49.68 0.14 0.00	48.68 0.25 0.00	49.03 0.19 0.00	50.92 0.11 0.00	52.50 0.10 0.00	46.12 0.54 0.00	36.98 0.21 0.00
STA_67___115KV_BK2 355882	37.06 -0.48 0.00	33.63 -0.28 0.00	28.66 -0.49 0.00	29.32 -0.44 0.00	29.88 -0.33 0.00	34.06 -0.28 0.00	36.17 -0.73 0.00	33.21 -0.71 0.00	28.47 -0.48 0.00	29.79 -0.31 0.00	32.44 -0.14 0.00	36.99 -0.12 0.00	41.93 -0.05 0.00	45.70 -0.06 0.00	43.74 -0.09 0.00	44.85 -0.18 0.00	44.48 0.00 0.00	49.79 0.25 0.00	48.76 0.33 0.00	49.12 0.28 0.00	51.05 0.24 0.00	52.65 0.25 0.00	46.31 0.72 0.00	37.13 0.36 0.00
STA_7___115KV_9TRANS 80674	37.36 -0.18 0.00	33.86 -0.04 0.00	28.85 -0.30 0.00	29.51 -0.25 0.00	30.07 -0.13 0.00	34.29 -0.05 0.00	36.42 -0.48 0.00	33.44 -0.48 0.00	28.68 -0.26 0.00	30.01 -0.08 0.00	32.70 0.13 0.00	37.31 0.21 0.00	42.29 0.32 0.00	46.12 0.36 0.00	44.16 0.33 0.00	45.27 0.24 0.00	44.92 0.44 0.00	50.30 0.76 0.00	49.30 0.87 0.00	49.66 0.83 0.00	51.58 0.76 0.00	53.17 0.77 0.00	46.72 1.14 0.00	37.42 0.66 0.00
STA_82___115KV_TB1 80780	37.09 -0.45 0.00	33.64 -0.27 0.00	28.66 -0.48 0.00	29.33 -0.43 0.00	29.89 -0.31 0.00	34.07 -0.27 0.00	36.19 -0.71 0.00	33.22 -0.69 0.00	28.48 -0.47 0.00	29.79 -0.31 0.00	32.44 -0.13 0.00	37.00 -0.11 0.00	41.94 -0.04 0.00	45.71 -0.05 0.00	43.75 -0.08 0.00	44.86 -0.17 0.00	44.50 0.03 0.00	49.81 0.26 0.00	48.78 0.35 0.00	49.15 0.32 0.00	51.07 0.26 0.00	52.68 0.28 0.00	46.32 0.74 0.00	37.14 0.38 0.00
STEEL___WIND 323596	36.50 -1.04 0.00	33.31 -0.60 0.00	28.17 -0.98 0.00	28.88 -0.88 0.00	29.50 -0.70 0.00	33.72 -0.62 0.00	35.39 -1.51 0.00	32.51 -1.40 0.00	28.12 -0.82 0.00	29.60 -0.49 0.00	32.45 -0.13 0.00	36.84 -0.27 0.00	41.88 -0.10 0.00	45.63 -0.13 0.00	43.62 -0.21 0.00	44.65 -0.38 0.00	44.14 -0.33 0.00	49.54 -0.01 0.00	48.42 -0.01 0.00	48.48 -0.35 0.00	50.44 -0.37 0.00	52.11 -0.29 0.00	46.45 0.87 0.00	37.18 0.42 0.00
STEPHTWN_115KV_BK_2 55603	38.68 1.14 0.00	35.02 1.11 0.00	30.18 1.03 0.00	30.77 1.00 0.00	31.19 0.99 0.00	35.24 0.90 0.00	37.68 0.78 0.00	34.58 0.67 0.00	29.37 0.43 0.00	30.15 0.05 0.00	32.34 -0.19 0.05	36.43 -0.22 0.46	40.65 -0.40 0.93	45.14 -0.43 0.19	42.16 -0.44 1.23	43.87 -0.41 0.75	44.43 -0.04 0.00	49.56 0.01 0.00	48.45 0.02 0.00	48.92 0.09 0.00	50.85 0.04 0.00	52.35 -0.04 0.00	45.78 0.20 0.00	37.27 0.51 0.00
STEBEN_REC_LFGE 323667	37.66 0.12 0.00	34.19 0.29 0.00	29.01 -0.14 0.00	29.58 -0.18 0.00	30.22 0.02 0.00	34.35 0.01 0.00	36.47 -0.43 0.00	33.29 -0.63 0.00	28.47 -0.48 0.00	29.64 -0.45 0.00	32.26 -0.31 0.00	36.72 -0.39 0.00	41.87 -0.10 0.00	45.57 -0.19 0.00	43.62 -0.21 0.00	44.75 -0.29 0.00	44.54 0.06 0.00	49.87 0.33 0.00	48.98 0.55 0.00	49.57 0.73 0.00	51.74 0.93 0.00	53.34 0.94 0.00	47.13 1.54 0.00	37.89 1.12 0.00
STILLWATER___SOLAR 323814	39.38 1.84 0.00	35.45 1.55 0.00	30.53 1.38 0.00	31.13 1.37 0.00	31.59 1.39 0.00	35.78 1.44 0.00	38.28 1.38 0.00	35.09 1.18 0.00	29.81 0.87 0.00	30.73 0.63 0.00	32.97 0.46 0.06	37.15 0.60 0.56	41.55 0.70 1.13	46.30 0.77 0.23	42.95 0.63 1.50	44.85 0.74 0.92	45.18 0.70 0.00	50.54 0.99 0.00	49.78 1.35 0.00	50.50 1.67 0.00	52.65 1.84 0.00	54.19 1.80 0.00	47.27 1.68 0.00	38.31 1.54 0.00
STONY___BROOK 24151	40.69 3.15 0.00	36.09 2.18 0.00	31.15 2.00 0.00	31.60 1.84 0.00	31.89 1.69 0.00	35.76 1.41 0.00	38.37 1.46 0.00	35.27 1.36 0.00	30.50 1.56 0.00	31.90 1.81 0.00	34.91 2.27 -0.06	40.64 2.95 -0.58	46.48 3.32 -1.18	50.45 3.88 -0.81	49.34 3.77 -1.74	49.37 3.37 -0.96	47.32 2.84 0.00	52.17 2.62 0.00	51.01 2.26 -0.32	50.48 1.64 0.00	51.78 0.97 0.00	53.36 0.96 0.00	47.34 1.76 0.00	38.65 1.89 0.00
STURGEON_POOL_HYD 23609	39.25 1.71 0.00	35.26 1.35 0.00	30.38 1.23 0.00	30.88 1.12 0.00	31.29 1.09 0.00	35.24 0.90 0.00	37.74 0.84 0.00	34.83 0.91 0.00	29.92 0.98 0.00	31.12 1.02 0.00	33.68 1.08 -0.03	38.82 1.42 -0.29	44.23 1.66 -0.59	47.82 1.94 -0.12	46.52 1.91 -0.78	47.52 2.01 -0.48	46.37 1.90 0.00	48.88 1.79 2.45	49.90 1.47 0.00	49.97 1.14 0.00	51.68 0.86 0.00	53.35 0.96 0.00	45.39 1.54 1.74	38.25 1.48 0.00

ST_LAW_115_BK7_LBMP 345037	37.41 -0.13 0.00	33.79 -0.11 0.00	28.99 -0.15 0.00	29.64 -0.12 0.00	30.10 -0.10 0.00	34.44 0.10 0.00	37.17 0.26 0.00	34.23 0.31 0.00	29.25 0.31 0.00	30.48 0.39 0.00	33.01 0.43 0.00	37.36 0.25 0.00	42.28 0.30 0.00	46.12 0.36 0.00	44.08 0.25 0.00	45.21 0.18 0.00	44.74 0.27 0.00	49.94 0.40 0.00	48.87 0.44 0.00	49.28 0.45 0.00	51.47 0.66 0.00	53.19 0.80 0.00	45.61 0.03 0.00	36.42 -0.34 0.00
ST_LAW_115_BK8_LBMP 345038	37.41 -0.13 0.00	33.79 -0.11 0.00	28.99 -0.15 0.00	29.64 -0.12 0.00	30.10 -0.10 0.00	34.44 0.10 0.00	37.17 0.26 0.00	34.23 0.31 0.00	29.25 0.31 0.00	30.48 0.39 0.00	33.01 0.43 0.00	37.36 0.25 0.00	42.28 0.30 0.00	46.12 0.36 0.00	44.08 0.25 0.00	45.21 0.18 0.00	44.74 0.27 0.00	49.94 0.40 0.00	48.87 0.44 0.00	49.28 0.45 0.00	51.47 0.66 0.00	53.19 0.80 0.00	45.61 0.03 0.00	36.42 -0.34 0.00
ST_LAW_230_BK5_LBMP 345035	37.40 -0.14 0.00	33.78 -0.12 0.00	28.98 -0.16 0.00	29.64 -0.13 0.00	30.10 -0.10 0.00	34.43 0.08 0.00	37.14 0.24 0.00	34.20 0.29 0.00	29.23 0.28 0.00	30.46 0.36 0.00	32.98 0.41 0.00	37.35 0.25 0.00	42.26 0.29 0.00	46.10 0.34 0.00	44.08 0.25 0.00	45.21 0.18 0.00	44.74 0.26 0.00	49.94 0.39 0.00	48.86 0.44 0.00	49.28 0.44 0.00	51.43 0.62 0.00	53.14 0.74 0.00	45.61 0.03 0.00	36.44 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	37.40 -0.14 0.00	33.78 -0.12 0.00	28.98 -0.16 0.00	29.64 -0.13 0.00	30.10 -0.10 0.00	34.43 0.08 0.00	37.14 0.24 0.00	34.20 0.29 0.00	29.23 0.28 0.00	30.46 0.36 0.00	32.98 0.41 0.00	37.35 0.25 0.00	42.26 0.29 0.00	46.10 0.34 0.00	44.08 0.25 0.00	45.21 0.18 0.00	44.74 0.26 0.00	49.94 0.39 0.00	48.86 0.44 0.00	49.28 0.44 0.00	51.43 0.62 0.00	53.14 0.74 0.00	45.61 0.03 0.00	36.44 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.25 1.71 0.00	35.28 1.37 0.00	30.35 1.20 0.00	30.84 1.08 0.00	31.26 1.06 0.00	35.23 0.89 0.00	37.75 0.85 0.00	34.82 0.91 0.00	29.90 0.95 0.00	31.15 1.05 0.00	33.75 1.13 -0.05	39.11 1.49 -0.51	44.68 1.68 -1.03	47.88 1.91 -0.21	47.05 1.86 -1.36	47.80 1.93 -0.83	46.28 1.81 0.00	51.21 1.67 0.00	49.77 1.34 0.00	49.83 0.99 0.00	51.54 0.72 0.00	53.22 0.82 0.00	47.05 1.46 0.00	38.21 1.45 0.00
SWANROAD_115KV_TB1 355699	35.74 -1.80 0.00	32.63 -1.28 0.00	27.55 -1.59 0.00	28.38 -1.38 0.00	28.97 -1.23 0.00	33.16 -1.18 0.00	34.54 -2.36 0.00	31.58 -2.34 0.00	27.28 -1.67 0.00	28.74 -1.36 0.00	31.48 -1.09 0.00	35.69 -1.41 0.00	40.49 -1.49 0.00	44.09 -1.67 0.00	42.13 -1.70 0.00	43.12 -1.91 0.00	42.88 -1.60 0.00	48.07 -1.48 0.00	46.97 -1.46 0.00	47.05 -1.79 0.00	48.94 -1.88 0.00	50.62 -1.78 0.00	45.29 -0.29 0.00	36.37 -0.39 0.00
SYNERGY___BIOGAS 323694	37.40 -0.14 0.00	34.01 0.10 0.00	28.83 -0.32 0.00	29.56 -0.20 0.00	30.18 -0.02 0.00	34.52 0.17 0.00	36.33 -0.57 0.00	33.24 -0.67 0.00	28.47 -0.48 0.00	29.77 -0.33 0.00	32.47 -0.10 0.00	37.04 -0.07 0.00	41.96 -0.01 0.00	45.74 -0.02 0.00	43.88 0.05 0.00	45.26 0.23 0.00	44.76 0.28 0.00	50.11 0.56 0.00	49.12 0.69 0.00	49.66 0.83 0.00	51.83 1.02 0.00	53.54 1.14 0.00	47.41 1.82 0.00	37.90 1.14 0.00
SYRACUSE___ENERGY_ST1 323597	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.01 -0.19 0.00	34.10 -0.25 0.00	36.52 -0.38 0.00	33.45 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.44 -0.39 0.00	44.66 -0.37 0.00	44.20 -0.27 0.00	49.33 -0.22 0.00	48.32 -0.11 0.00	48.75 -0.08 0.00	50.69 -0.12 0.00	52.24 -0.15 0.00	45.62 0.04 0.00	36.78 0.01 0.00
SYRACUSE___ENERGY_ST2 323598	37.31 -0.23 0.00	33.73 -0.18 0.00	28.95 -0.20 0.00	29.53 -0.23 0.00	30.01 -0.19 0.00	34.10 -0.25 0.00	36.52 -0.38 0.00	33.45 -0.46 0.00	28.53 -0.42 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.69 -0.42 0.00	41.54 -0.43 0.00	45.24 -0.52 0.00	43.44 -0.39 0.00	44.66 -0.37 0.00	44.20 -0.27 0.00	49.33 -0.22 0.00	48.32 -0.11 0.00	48.75 -0.08 0.00	50.69 -0.12 0.00	52.24 -0.15 0.00	45.62 0.04 0.00	36.78 0.01 0.00
SYRACUSE___POWER 24017	37.30 -0.24 0.00	33.71 -0.20 0.00	28.93 -0.21 0.00	29.51 -0.25 0.00	30.00 -0.20 0.00	34.06 -0.28 0.00	36.50 -0.40 0.00	33.44 -0.47 0.00	28.52 -0.43 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.66 -0.45 0.00	41.52 -0.45 0.00	45.22 -0.54 0.00	43.42 -0.41 0.00	44.66 -0.37 0.00	44.18 -0.29 0.00	49.27 -0.27 0.00	48.25 -0.18 0.00	48.73 -0.10 0.00	50.66 -0.15 0.00	52.20 -0.20 0.00	45.61 0.03 0.00	36.75 -0.02 0.00
TALLMAN__138KV_BK151 55660	39.52 1.98 0.00	35.47 1.56 0.00	30.49 1.34 0.00	30.96 1.20 0.00	31.39 1.19 0.00	35.34 0.99 0.00	37.87 0.97 0.00	34.98 1.07 0.00	30.10 1.15 0.00	31.40 1.30 0.00	34.07 1.45 -0.05	39.54 1.89 -0.54	45.21 2.14 -1.09	48.40 2.41 -0.22	47.61 2.33 -1.45	48.34 2.42 -0.89	46.74 2.27 0.00	51.62 2.07 0.00	50.06 1.63 0.00	49.99 1.16 0.00	51.66 0.85 0.00	53.37 0.98 0.00	47.32 1.73 0.00	38.46 1.70 0.00
TEALLAVE_115KV_TB7 355573	37.14 -0.40 0.00	33.57 -0.34 0.00	28.81 -0.34 0.00	29.39 -0.37 0.00	29.88 -0.32 0.00	33.94 -0.40 0.00	36.34 -0.56 0.00	33.32 -0.59 0.00	28.43 -0.52 0.00	29.55 -0.54 0.00	32.05 -0.52 0.00	36.57 -0.54 0.00	41.39 -0.58 0.00	45.10 -0.66 0.00	43.29 -0.54 0.00	44.52 -0.51 0.00	44.02 -0.45 0.00	49.10 -0.44 0.00	48.08 -0.35 0.00	48.52 -0.31 0.00	50.44 -0.38 0.00	51.99 -0.40 0.00	45.41 -0.17 0.00	36.60 -0.17 0.00
TELGGRAPH_34_KV_EAST 80808	36.44 -1.10 0.00	33.23 -0.68 0.00	28.10 -1.05 0.00	28.87 -0.89 0.00	29.48 -0.72 0.00	33.73 -0.61 0.00	35.29 -1.61 0.00	32.30 -1.62 0.00	27.84 -1.11 0.00	29.27 -0.83 0.00	32.03 -0.55 0.00	36.40 -0.71 0.00	41.29 -0.69 0.00	44.97 -0.79 0.00	43.03 -0.80 0.00	44.05 -0.98 0.00	43.78 -0.70 0.00	49.10 -0.45 0.00	48.03 -0.40 0.00	48.22 -0.61 0.00	50.20 -0.61 0.00	51.91 -0.48 0.00	46.24 0.65 0.00	37.04 0.28 0.00
TEMPLE___115KV_TB 2 55572	37.14 -0.40 0.00	33.57 -0.34 0.00	28.81 -0.34 0.00	29.39 -0.37 0.00	29.88 -0.32 0.00	33.94 -0.40 0.00	36.34 -0.56 0.00	33.32 -0.59 0.00	28.43 -0.52 0.00	29.56 -0.54 0.00	32.06 -0.52 0.00	36.58 -0.53 0.00	41.41 -0.57 0.00	45.11 -0.65 0.00	43.30 -0.53 0.00	44.53 -0.50 0.00	44.04 -0.43 0.00	49.12 -0.43 0.00	48.09 -0.34 0.00	48.53 -0.30 0.00	50.44 -0.38 0.00	51.97 -0.43 0.00	45.42 -0.17 0.00	36.60 -0.17 0.00
TIANA____69_KV_BK 1 55817	41.07 3.53 0.00	36.30 2.39 0.00	31.44 2.29 0.00	31.92 2.16 0.00	32.18 1.98 0.00	35.97 1.63 0.00	38.58 1.68 0.00	35.42 1.50 0.00	30.67 1.73 0.00	32.10 2.01 0.00	35.13 2.49 -0.06	40.90 3.21 -0.59	46.75 3.59 -1.19	50.80 4.22 -0.81	49.68 4.12 -1.74	49.76 3.76 -0.96	47.75 3.28 0.00	52.79 3.24 0.00	51.70 2.89 -0.38	51.07 2.24 0.00	52.30 1.49 0.00	53.89 1.50 0.00	47.73 2.14 0.00	38.90 2.13 0.00

TILDEN___115KV_TB1 80814	37.30 -0.24 0.00	33.71 -0.20 0.00	28.93 -0.21 0.00	29.51 -0.25 0.00	30.00 -0.20 0.00	34.06 -0.28 0.00	36.50 -0.40 0.00	33.44 -0.47 0.00	28.52 -0.43 0.00	29.63 -0.46 0.00	32.12 -0.45 0.00	36.66 -0.45 0.00	41.52 -0.45 0.00	45.22 -0.54 0.00	43.42 -0.41 0.00	44.66 -0.37 0.00	44.18 -0.29 0.00	49.27 -0.27 0.00	48.25 -0.18 0.00	48.73 -0.10 0.00	50.66 -0.15 0.00	52.20 -0.20 0.00	45.61 0.03 0.00	36.75 -0.02 0.00
TRIGEN___CC 323695	40.16 2.62 0.00	35.85 1.94 0.00	30.86 1.71 0.00	31.30 1.54 0.00	31.67 1.47 0.00	35.60 1.26 0.00	38.20 1.30 0.00	35.24 1.32 0.00	30.41 1.46 0.00	31.76 1.67 0.00	34.63 2.00 -0.06	40.25 2.56 -0.59	46.01 2.85 -1.19	49.82 3.25 -0.81	48.63 3.07 -1.74	48.83 2.84 -0.96	46.96 2.48 0.00	51.75 2.21 0.00	50.21 1.78 0.00	50.09 1.26 0.00	51.60 0.78 0.00	53.35 0.96 0.00	47.33 1.75 0.00	38.63 1.87 0.00
TRINITY___115KV___4 BK 55933	38.32 0.78 0.00	34.72 0.82 0.00	29.95 0.80 0.00	30.54 0.78 0.00	30.97 0.77 0.00	34.99 0.65 0.00	37.40 0.49 0.00	34.32 0.40 0.00	29.13 0.19 0.00	30.15 0.06 0.00	32.43 -0.10 0.05	36.53 -0.12 0.46	40.77 -0.27 0.93	45.29 -0.28 0.19	42.31 -0.28 1.24	44.03 -0.25 0.76	44.10 -0.37 0.00	49.09 -0.46 0.00	47.97 -0.46 0.00	48.44 -0.39 0.00	50.41 -0.41 0.00	51.92 -0.47 0.00	45.42 -0.17 0.00	36.98 0.22 0.00
UNION___PROCESSING_DRP 323587	37.10 -0.44 0.00	33.64 -0.26 0.00	28.67 -0.48 0.00	29.34 -0.42 0.00	29.89 -0.31 0.00	34.08 -0.26 0.00	36.20 -0.70 0.00	33.23 -0.69 0.00	28.49 -0.46 0.00	29.79 -0.30 0.00	32.45 -0.12 0.00	37.01 -0.10 0.00	41.95 -0.03 0.00	45.73 -0.03 0.00	43.76 -0.06 0.00	44.87 -0.16 0.00	44.50 0.03 0.00	49.81 0.26 0.00	48.80 0.36 0.00	49.17 0.33 0.00	51.09 0.28 0.00	52.70 0.30 0.00	46.34 0.76 0.00	37.15 0.38 0.00
UPPER HUDSON___HYD 24058	39.44 1.90 0.00	35.42 1.52 0.00	30.46 1.31 0.00	31.08 1.32 0.00	31.57 1.37 0.00	35.77 1.42 0.00	38.28 1.38 0.00	35.13 1.22 0.00	29.84 0.89 0.00	30.67 0.57 0.00	32.73 0.21 0.05	36.97 0.37 0.50	41.42 0.47 1.02	46.04 0.49 0.21	42.77 0.30 1.35	44.58 0.38 0.83	44.88 0.40 0.00	50.32 0.78 0.00	49.91 1.48 0.00	50.75 1.92 0.00	53.02 2.21 0.00	54.52 2.12 0.00	47.42 1.84 0.00	38.44 1.68 0.00
UPPER RAQUET___HYD 24056	38.20 0.66 0.00	34.49 0.58 0.00	29.58 0.43 0.00	30.25 0.49 0.00	30.74 0.54 0.00	35.21 0.87 0.00	38.00 1.10 0.00	34.95 1.03 0.00	29.72 0.78 0.00	30.94 0.84 0.00	33.47 0.90 0.00	37.85 0.74 0.00	42.82 0.84 0.00	46.69 0.93 0.00	44.52 0.69 0.00	45.48 0.44 0.00	44.76 0.29 0.00	50.08 0.54 0.00	49.13 0.70 0.00	49.83 1.00 0.00	52.45 1.64 0.00	54.60 2.20 0.00	46.75 1.17 0.00	37.26 0.49 0.00
VALLEY44_115KV_TB2 355964	36.80 -0.74 0.00	33.44 -0.47 0.00	28.31 -0.84 0.00	28.99 -0.77 0.00	29.66 -0.54 0.00	33.72 -0.62 0.00	35.62 -1.28 0.00	32.77 -1.15 0.00	28.33 -0.61 0.00	29.78 -0.32 0.00	32.45 -0.12 0.00	36.88 -0.23 0.00	41.95 -0.02 0.00	45.65 -0.11 0.00	43.59 -0.24 0.00	44.60 -0.43 0.00	43.80 -0.68 0.00	49.05 -0.49 0.00	47.80 -0.63 0.00	47.90 -0.93 0.00	49.89 -0.92 0.00	51.83 -0.57 0.00	46.28 0.70 0.00	37.10 0.33 0.00
VALLEY___115KV_TB 1-4 80826	38.06 0.52 0.00	34.40 0.49 0.00	29.72 0.57 0.00	30.31 0.55 0.00	30.76 0.56 0.00	34.84 0.50 0.00	37.27 0.36 0.00	33.96 0.04 0.00	28.68 -0.26 0.00	29.60 -0.49 0.00	31.93 -0.64 0.00	36.53 -0.58 0.00	41.25 -0.73 0.00	45.03 -0.74 0.00	43.08 -0.75 0.00	44.30 -0.74 0.00	43.66 -0.81 0.00	48.79 -0.76 0.00	48.03 -0.40 0.00	48.94 0.10 0.00	51.04 0.23 0.00	52.49 0.10 0.00	45.85 0.27 0.00	37.17 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.87 1.33 0.00	35.17 1.26 0.00	30.33 1.18 0.00	30.89 1.13 0.00	31.40 1.20 0.00	35.53 1.19 0.00	37.92 1.02 0.00	34.86 0.95 0.00	29.83 0.89 0.00	31.06 0.96 0.00	33.65 1.08 0.00	38.40 1.29 0.00	43.49 1.52 0.00	47.46 1.70 0.00	45.46 1.63 0.00	46.71 1.68 0.00	46.18 1.70 0.00	51.45 1.91 0.00	50.24 1.81 0.00	50.61 1.77 0.00	52.44 1.63 0.00	54.08 1.69 0.00	47.37 1.78 0.00	38.19 1.43 0.00
VISCHER___FERRY HYD 24020	38.99 1.45 0.00	35.14 1.23 0.00	30.28 1.13 0.00	30.89 1.13 0.00	31.33 1.13 0.00	35.42 1.08 0.00	37.89 0.98 0.00	34.77 0.85 0.00	29.58 0.63 0.00	30.55 0.45 0.00	32.81 0.30 0.07	36.81 0.39 0.69	41.01 0.43 1.40	45.98 0.50 0.29	42.36 0.38 1.85	44.35 0.45 1.14	44.78 0.31 0.00	49.94 0.40 0.00	48.96 0.53 0.00	49.56 0.73 0.00	51.69 0.87 0.00	53.23 0.84 0.00	46.52 0.93 0.00	37.77 1.01 0.00
V_A_10_SYNC_DSASP 323832	36.15 -1.39 0.00	32.98 -0.93 0.00	27.95 -1.21 0.00	28.68 -1.08 0.00	29.29 -0.91 0.00	33.44 -0.90 0.00	35.14 -1.76 0.00	32.23 -1.69 0.00	27.82 -1.13 0.00	29.27 -0.83 0.00	32.00 -0.57 0.00	36.34 -0.77 0.00	41.21 -0.77 0.00	44.89 -0.87 0.00	42.88 -0.95 0.00	43.89 -1.15 0.00	43.55 -0.92 0.00	48.80 -0.74 0.00	47.67 -0.76 0.00	47.78 -1.05 0.00	49.69 -1.13 0.00	51.41 -0.98 0.00	45.77 0.19 0.00	36.67 -0.10 0.00
V_CMM_10_SYNC_DSASP 323787	37.60 0.06 0.00	33.97 0.06 0.00	29.14 -0.01 0.00	29.79 0.04 0.00	30.26 0.06 0.00	34.63 0.29 0.00	37.36 0.46 0.00	34.40 0.48 0.00	29.39 0.45 0.00	30.64 0.54 0.00	33.17 0.60 0.00	37.55 0.44 0.00	42.49 0.52 0.00	46.36 0.60 0.00	44.31 0.48 0.00	45.44 0.41 0.00	44.97 0.50 0.00	50.21 0.67 0.00	49.14 0.71 0.00	49.55 0.72 0.00	51.77 0.96 0.00	53.50 1.10 0.00	45.86 0.27 0.00	36.62 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	38.92 1.38 0.00	34.97 1.06 0.00	30.08 0.93 0.00	30.73 0.97 0.00	31.25 1.04 0.00	35.65 1.31 0.00	38.36 1.46 0.00	35.34 1.43 0.00	30.21 1.26 0.00	31.35 1.26 0.00	33.99 1.41 0.00	38.68 1.57 0.00	43.75 1.77 0.00	47.76 2.00 0.00	45.57 1.74 0.00	46.81 1.78 0.00	46.23 1.76 0.00	51.81 2.27 0.00	51.04 2.61 0.00	51.37 2.53 0.00	53.44 2.63 0.00	55.26 2.86 0.00	47.43 1.85 0.00	37.83 1.07 0.00
V_D_10_SYNC_DSASP 323841	37.84 0.30 0.00	34.18 0.27 0.00	29.33 0.18 0.00	29.98 0.22 0.00	30.46 0.26 0.00	34.86 0.51 0.00	37.60 0.70 0.00	34.64 0.73 0.00	29.58 0.64 0.00	30.82 0.72 0.00	33.38 0.81 0.00	37.77 0.66 0.00	42.73 0.76 0.00	46.63 0.87 0.00	44.55 0.72 0.00	45.65 0.62 0.00	45.16 0.69 0.00	50.44 0.90 0.00	49.39 0.96 0.00	49.85 1.02 0.00	52.15 1.34 0.00	53.96 1.56 0.00	46.19 0.61 0.00	36.86 0.10 0.00
V_E_10_SYNC_DSASP 323830	39.54 2.00 0.00	35.85 1.95 0.00	30.75 1.60 0.00	31.34 1.58 0.00	32.01 1.81 0.00	36.40 2.06 0.00	39.14 2.23 0.00	35.85 1.93 0.00	30.40 1.45 0.00	31.47 1.37 0.00	34.12 1.54 0.00	38.96 1.86 0.00	44.23 2.26 0.00	48.29 2.54 0.00	46.29 2.46 0.00	47.44 2.41 0.00	47.09 2.61 0.00	52.80 3.25 0.00	52.01 3.58 0.00	53.01 4.18 0.00	55.09 4.28 0.00	56.70 4.30 0.00	49.42 3.84 0.00	39.59 2.83 0.00



V_F_30_NSYNC___DSASP 323816	39.39 1.85 0.00	35.48 1.57 0.00	30.55 1.40 0.00	31.15 1.39 0.00	31.61 1.41 0.00	35.81 1.47 0.00	38.31 1.41 0.00	35.13 1.21 0.00	29.86 0.92 0.00	30.79 0.70 0.00	33.06 0.55 0.05	37.28 0.71 0.53	41.71 0.81 1.08	46.43 0.89 0.22	43.15 0.75 1.43	45.02 0.87 0.88	45.32 0.84 0.00	50.68 1.13 0.00	49.89 1.46 0.00	50.59 1.76 0.00	52.74 1.93 0.00	54.28 1.88 0.00	47.33 1.74 0.00	38.34 1.58 0.00
V_F_30_SYNC_DSASP 323786	38.46 0.92 0.00	34.86 0.95 0.00	30.05 0.90 0.00	30.64 0.88 0.00	31.07 0.87 0.00	35.11 0.77 0.00	37.54 0.64 0.00	34.45 0.53 0.00	29.24 0.29 0.00	30.28 0.18 0.00	32.56 0.04 0.05	36.70 0.06 0.47	40.95 -0.08 0.95	45.52 -0.05 0.20	42.51 -0.06 1.26	44.26 0.00 0.77	44.37 -0.10 0.00	49.42 -0.12 0.00	48.29 -0.14 0.00	48.75 -0.08 0.00	50.70 -0.11 0.00	52.22 -0.18 0.00	45.65 0.07 0.00	37.16 0.39 0.00
V_XM_10_SYNC_DSASP 323789	38.92 1.38 0.00	34.97 1.06 0.00	30.08 0.93 0.00	30.73 0.97 0.00	31.25 1.04 0.00	35.65 1.31 0.00	38.36 1.46 0.00	35.34 1.43 0.00	30.21 1.26 0.00	31.35 1.26 0.00	33.99 1.41 0.00	38.68 1.57 0.00	43.75 1.77 0.00	47.76 2.00 0.00	45.57 1.74 0.00	46.81 1.78 0.00	46.23 1.76 0.00	51.81 2.27 0.00	51.04 2.61 0.00	51.37 2.53 0.00	53.44 2.63 0.00	55.26 2.86 0.00	47.43 1.85 0.00	37.83 1.07 0.00
W.BABYLN_69_KV_BK1 56697	40.94 3.40 0.00	36.40 2.49 0.00	31.35 2.20 0.00	31.78 2.02 0.00	32.10 1.89 0.00	36.06 1.71 0.00	38.66 1.76 0.00	35.62 1.70 0.00	30.78 1.84 0.00	32.16 2.07 0.00	35.17 2.54 -0.06	40.92 3.23 -0.59	46.81 3.65 -1.19	50.77 4.20 -0.81	49.55 3.99 -1.74	49.62 3.62 -0.96	47.64 3.17 0.00	52.52 2.98 0.00	51.30 2.56 -0.31	50.85 2.02 -0.01	52.28 1.47 0.00	53.94 1.54 0.00	47.86 2.27 0.00	39.08 2.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.64 2.10 0.00	35.58 1.68 0.00	30.60 1.45 0.00	31.07 1.31 0.00	31.49 1.29 0.00	35.47 1.13 0.00	38.00 1.10 0.00	35.10 1.19 0.00	30.20 1.26 0.00	31.51 1.42 0.00	34.19 1.56 -0.06	39.67 2.02 -0.55	45.37 2.28 -1.11	48.54 2.55 -0.23	47.78 2.47 -1.48	48.51 2.58 -0.91	46.89 2.42 0.00	51.80 2.25 0.00	50.23 1.80 0.00	50.18 1.35 0.00	51.85 1.04 0.00	53.57 1.18 0.00	47.46 1.87 0.00	38.57 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.97 2.43 0.00	35.83 1.92 0.00	30.83 1.68 0.00	31.28 1.52 0.00	31.70 1.50 0.00	35.65 1.30 0.00	38.25 1.36 0.00	35.39 1.48 0.00	30.52 1.58 0.00	31.84 1.75 0.00	34.55 1.92 -0.06	40.11 2.42 -0.59	45.89 2.73 -1.19	49.05 3.05 -0.24	48.35 2.95 -1.57	49.01 3.01 -0.96	47.33 2.86 0.00	52.13 2.59 0.00	50.43 2.00 0.00	50.31 1.48 0.00	51.94 1.13 0.00	53.70 1.31 0.00	47.71 2.13 0.00	38.83 2.07 0.00
W50THST__13_KV_LOAD 356117	40.17 2.63 0.00	35.99 2.09 0.00	30.97 1.82 0.00	31.42 1.66 0.00	31.85 1.65 0.00	35.81 1.47 0.00	38.46 1.56 0.00	35.62 1.71 0.00	30.76 1.81 0.00	32.11 2.01 0.00	34.84 2.21 -0.06	40.45 2.75 -0.59	46.29 3.12 -1.19	49.48 3.47 -0.24	48.77 3.37 -1.57	49.41 3.41 -0.96	47.73 3.26 0.00	52.54 3.00 0.00	50.73 2.30 0.00	50.58 1.74 0.00	52.22 1.41 0.00	54.00 1.61 0.00	48.00 2.42 0.00	39.09 2.32 0.00
WADING RIVER_IC_1 23522	40.49 2.95 0.00	35.75 1.84 0.00	31.04 1.89 0.00	31.55 1.79 0.00	31.81 1.61 0.00	35.51 1.17 0.00	38.10 1.19 0.00	34.90 0.99 0.00	30.20 1.25 0.00	31.58 1.48 0.00	34.51 1.88 -0.06	40.19 2.50 -0.58	45.92 2.76 -1.18	49.86 3.29 -0.81	48.79 3.23 -1.74	48.84 2.84 -0.96	46.84 2.37 0.00	51.72 2.17 0.00	50.68 1.86 -0.38	50.08 1.25 0.00	51.34 0.53 0.00	52.93 0.53 0.00	46.92 1.34 0.00	38.28 1.51 0.00
WADING RIVER_IC_2 23547	40.49 2.95 0.00	35.75 1.84 0.00	31.04 1.89 0.00	31.55 1.79 0.00	31.81 1.61 0.00	35.51 1.17 0.00	38.10 1.19 0.00	34.90 0.99 0.00	30.20 1.25 0.00	31.58 1.48 0.00	34.51 1.88 -0.06	40.19 2.50 -0.58	45.92 2.76 -1.18	49.86 3.29 -0.81	48.79 3.23 -1.74	48.84 2.84 -0.96	46.84 2.37 0.00	51.72 2.17 0.00	50.68 1.86 -0.38	50.08 1.25 0.00	51.34 0.53 0.00	52.93 0.53 0.00	46.92 1.34 0.00	38.28 1.51 0.00
WADING RIVER_IC_3 23601	40.49 2.95 0.00	35.75 1.84 0.00	31.04 1.89 0.00	31.55 1.79 0.00	31.81 1.61 0.00	35.51 1.17 0.00	38.10 1.19 0.00	34.90 0.99 0.00	30.20 1.25 0.00	31.58 1.48 0.00	34.51 1.88 -0.06	40.19 2.50 -0.58	45.92 2.76 -1.18	49.86 3.29 -0.81	48.79 3.23 -1.74	48.84 2.84 -0.96	46.84 2.37 0.00	51.72 2.17 0.00	50.68 1.86 -0.38	50.08 1.25 0.00	51.34 0.53 0.00	52.93 0.53 0.00	46.92 1.34 0.00	38.28 1.51 0.00
WALDENNY_12_KV_BK2 80841	36.54 -1.00 0.00	33.34 -0.57 0.00	28.18 -0.97 0.00	28.92 -0.84 0.00	29.55 -0.66 0.00	33.76 -0.58 0.00	35.42 -1.48 0.00	32.53 -1.39 0.00	28.14 -0.81 0.00	29.63 -0.46 0.00	32.49 -0.09 0.00	36.89 -0.21 0.00	41.92 -0.05 0.00	45.68 -0.08 0.00	43.68 -0.15 0.00	44.75 -0.28 0.00	44.29 -0.18 0.00	49.67 0.12 0.00	48.53 0.10 0.00	48.59 -0.24 0.00	50.52 -0.29 0.00	52.20 -0.20 0.00	46.52 0.93 0.00	37.23 0.47 0.00
WALDEN___HYDRO 24148	39.53 1.99 0.00	35.50 1.60 0.00	30.54 1.39 0.00	31.04 1.28 0.00	31.47 1.26 0.00	35.46 1.12 0.00	37.99 1.09 0.00	35.06 1.14 0.00	30.08 1.14 0.00	31.31 1.22 0.00	33.88 1.26 -0.05	39.17 1.61 -0.46	44.73 1.83 -0.93	48.06 2.11 -0.19	47.13 2.07 -1.23	47.94 2.16 -0.75	46.59 2.12 0.00	51.53 1.98 0.00	50.08 1.65 0.00	50.16 1.33 0.00	51.88 1.07 0.00	53.56 1.16 0.00	47.30 1.72 0.00	38.40 1.63 0.00
WARRENSBURG____ 23737	39.45 1.91 0.00	35.42 1.52 0.00	30.47 1.31 0.00	31.08 1.32 0.00	31.57 1.37 0.00	35.76 1.42 0.00	38.28 1.38 0.00	35.13 1.22 0.00	29.84 0.89 0.00	30.67 0.57 0.00	32.73 0.21 0.05	36.98 0.37 0.50	41.42 0.47 1.02	46.04 0.49 0.21	42.77 0.30 1.35	44.58 0.37 0.83	44.88 0.40 0.00	50.32 0.78 0.00	49.91 1.48 0.00	50.75 1.92 0.00	53.02 2.21 0.00	54.52 2.12 0.00	47.42 1.84 0.00	38.44 1.68 0.00
WATERSIDE___6 8 9 23538	40.01 2.47 0.00	35.86 1.96 0.00	30.93 1.78 0.00	31.30 1.54 0.00	31.73 1.53 0.00	35.68 1.34 0.00	38.29 1.39 0.00	35.47 1.55 0.00	30.59 1.65 0.00	31.86 1.76 0.00	34.57 1.94 -0.06	40.18 2.49 -0.59	45.92 2.76 -1.19	49.05 3.04 -0.24	48.40 2.99 -1.58	49.03 3.03 -0.96	47.42 2.94 0.00	51.97 2.42 0.00	50.20 1.77 0.00	50.08 1.25 0.00	51.54 0.73 0.00	53.32 0.92 0.00	47.60 2.02 0.00	38.74 1.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.92 0.38 0.00	34.28 0.37 0.00	29.56 0.41 0.00	30.16 0.40 0.00	30.59 0.39 0.00	34.67 0.33 0.00	37.12 0.22 0.00	33.91 0.22 0.00	28.73 -0.01 0.00	29.70 -0.22 0.00	32.07 -0.51 0.00	36.64 -0.47 0.00	41.39 -0.58 0.00	45.16 -0.60 0.00	43.23 -0.60 0.00	44.45 -0.59 0.00	43.82 -0.65 0.00	48.92 -0.62 0.00	48.06 -0.37 0.00	48.81 -0.03 0.00	50.89 0.08 0.00	52.39 0.00 0.00	45.74 0.15 0.00	37.03 0.26 0.00

WDELAWARE___HYD 323627	38.32 0.78 0.00	34.41 0.50 0.00	29.60 0.45 0.00	30.09 0.32 0.00	30.49 0.29 0.00	34.39 0.05 0.00	36.87 -0.04 0.00	34.02 0.10 0.00	29.37 0.42 0.00	30.54 0.44 0.00	33.03 0.42 -0.04	38.10 0.62 -0.37	43.46 0.74 -0.74	46.91 0.99 -0.15	45.84 1.02 -0.99	46.71 1.07 -0.61	45.59 1.11 0.00	49.72 1.03 0.86	49.32 0.89 0.00	49.51 0.68 0.00	51.18 0.37 0.00	52.79 0.40 0.00	45.90 0.93 0.61	37.67 0.90 0.00
WEST BABYLON___IC 23714	40.94 3.40 0.00	36.40 2.49 0.00	31.35 2.20 0.00	31.78 2.02 0.00	32.10 1.89 0.00	36.06 1.71 0.00	38.66 1.76 0.00	35.62 1.70 0.00	30.78 1.84 0.00	32.16 2.07 0.00	35.17 2.54 -0.06	40.92 3.23 -0.59	46.81 3.65 -1.19	50.77 4.20 -0.81	49.55 3.99 -1.74	49.62 3.62 -0.96	47.64 3.17 0.00	52.52 2.98 0.00	51.30 2.56 -0.31	50.85 2.02 -0.01	52.28 1.47 0.00	53.94 1.54 0.00	47.86 2.27 0.00	39.08 2.32 0.00
WEST CANADA___HYD 24049	37.70 0.16 0.00	34.06 0.16 0.00	29.32 0.17 0.00	29.91 0.15 0.00	30.35 0.15 0.00	34.46 0.12 0.00	36.96 0.06 0.00	33.93 0.02 0.00	28.94 -0.01 0.00	30.06 -0.04 0.00	32.50 -0.07 0.00	37.05 -0.06 0.00	41.89 -0.08 0.00	45.67 -0.09 0.00	43.74 -0.09 0.00	44.96 -0.07 0.00	44.39 -0.09 0.00	49.45 -0.10 0.00	48.33 -0.10 0.00	48.78 -0.05 0.00	50.76 -0.05 0.00	52.35 -0.05 0.00	45.66 0.08 0.00	36.87 0.11 0.00
WESTERN_NY_WIND 24143	37.35 -0.19 0.00	33.97 0.06 0.00	28.78 -0.37 0.00	29.53 -0.23 0.00	30.14 -0.06 0.00	34.48 0.14 0.00	36.28 -0.62 0.00	33.20 -0.72 0.00	28.42 -0.52 0.00	29.73 -0.37 0.00	32.43 -0.14 0.00	36.97 -0.13 0.00	41.90 -0.08 0.00	45.66 -0.10 0.00	43.81 -0.01 0.00	45.22 0.19 0.00	44.69 0.22 0.00	50.04 0.49 0.00	49.05 0.62 0.00	49.58 0.75 0.00	51.75 0.94 0.00	53.46 1.07 0.00	47.35 1.77 0.00	37.86 1.09 0.00
WESTOVER___LESR 323668	37.59 0.05 0.00	34.03 0.12 0.00	29.21 0.06 0.00	29.76 0.00 0.00	30.33 0.12 0.00	34.33 -0.01 0.00	36.71 -0.19 0.00	33.63 -0.28 0.00	28.74 -0.20 0.00	29.89 -0.21 0.00	32.42 -0.16 0.00	36.97 -0.13 0.00	41.96 -0.02 0.00	45.68 -0.08 0.00	43.83 0.00 0.00	45.04 0.01 0.00	44.56 0.08 0.00	49.64 0.09 0.00	48.54 0.11 0.00	48.94 0.11 0.00	50.85 0.04 0.00	52.51 0.11 0.00	46.07 0.48 0.00	37.14 0.37 0.00
WETHRSFD_WT_PWR 323626	36.63 -0.91 0.00	33.36 -0.55 0.00	28.29 -0.86 0.00	28.93 -0.83 0.00	29.54 -0.66 0.00	33.65 -0.69 0.00	35.44 -1.46 0.00	32.14 -1.77 0.00	27.51 -1.43 0.00	28.76 -1.33 0.00	31.40 -1.17 0.00	35.70 -1.40 0.00	40.62 -1.36 0.00	44.27 -1.49 0.00	42.35 -1.47 0.00	43.40 -1.63 0.00	43.56 -0.91 0.00	48.78 -0.76 0.00	47.76 -0.67 0.00	48.09 -0.74 0.00	50.15 -0.66 0.00	51.81 -0.59 0.00	46.05 0.47 0.00	37.01 0.25 0.00
WHAVSTOR_138KV_BK127 55557	39.47 1.93 0.00	35.44 1.53 0.00	30.48 1.33 0.00	30.95 1.19 0.00	31.37 1.17 0.00	35.31 0.96 0.00	37.85 0.94 0.00	34.96 1.04 0.00	30.06 1.12 0.00	31.36 1.26 0.00	34.02 1.39 -0.06	39.47 1.81 -0.55	45.12 2.03 -1.12	48.26 2.27 -0.23	47.51 2.20 -1.48	48.22 2.28 -0.91	46.59 2.11 0.00	51.45 1.90 0.00	49.91 1.48 0.00	49.87 1.04 0.00	51.54 0.73 0.00	53.25 0.85 0.00	47.19 1.60 0.00	38.38 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.47 1.93 0.00	35.44 1.53 0.00	30.48 1.33 0.00	30.95 1.19 0.00	31.37 1.17 0.00	35.31 0.96 0.00	37.85 0.94 0.00	34.96 1.04 0.00	30.06 1.12 0.00	31.36 1.26 0.00	34.02 1.39 -0.06	39.47 1.81 -0.55	45.12 2.03 -1.12	48.26 2.27 -0.23	47.51 2.20 -1.48	48.22 2.28 -0.91	46.59 2.11 0.00	51.45 1.90 0.00	49.91 1.48 0.00	49.87 1.04 0.00	51.54 0.73 0.00	53.25 0.85 0.00	47.19 1.60 0.00	38.38 1.62 0.00
WHITEHAL_115KV_TB1 80871	40.64 3.10 0.00	36.21 2.31 0.00	31.05 1.90 0.00	31.74 1.98 0.00	32.30 2.10 0.00	36.61 2.26 0.00	39.14 2.24 0.00	35.98 2.07 0.00	30.63 1.68 0.00	31.13 1.03 0.00	33.24 0.72 0.05	37.54 0.95 0.51	42.32 1.38 1.05	47.05 1.51 0.21	43.46 1.02 1.39	45.26 1.07 0.85	45.59 1.12 0.00	51.21 1.67 0.00	50.83 2.39 0.00	52.15 3.32 0.00	54.52 3.71 0.00	56.06 3.66 0.00	48.59 3.01 0.00	39.63 2.87 0.00
WHITEPLN_13_KV_LOAD 356215	40.14 2.60 0.00	35.99 2.08 0.00	30.94 1.79 0.00	31.42 1.66 0.00	31.84 1.64 0.00	35.84 1.50 0.00	38.45 1.55 0.00	35.54 1.62 0.00	30.60 1.66 0.00	31.90 1.81 0.00	34.62 1.98 -0.06	40.18 2.49 -0.58	45.97 2.80 -1.18	49.19 3.18 -0.24	48.49 3.09 -1.57	49.19 3.19 -0.96	47.51 3.04 0.00	52.48 2.94 0.00	50.90 2.47 0.00	50.83 1.99 0.00	52.49 1.67 0.00	54.21 1.82 0.00	48.00 2.41 0.00	38.98 2.21 0.00
WM_FLOYD_69_KV_BK2 356380	40.75 3.22 0.00	36.07 2.16 0.00	31.22 2.06 0.00	31.69 1.93 0.00	31.97 1.77 0.00	35.76 1.42 0.00	38.37 1.47 0.00	35.22 1.31 0.00	30.46 1.52 0.00	31.84 1.75 0.00	34.79 2.15 -0.06	40.49 2.80 -0.59	46.29 3.13 -1.19	50.25 3.68 -0.81	49.15 3.59 -1.74	49.18 3.19 -0.96	47.19 2.71 0.00	52.11 2.56 0.00	51.06 2.25 -0.39	50.49 1.65 0.00	51.79 0.98 0.00	53.40 1.00 0.00	47.36 1.78 0.00	38.64 1.88 0.00
WOODARD___115KV_TB2 355635	37.09 -0.45 0.00	33.52 -0.38 0.00	28.78 -0.37 0.00	29.36 -0.40 0.00	29.83 -0.37 0.00	33.89 -0.45 0.00	36.30 -0.61 0.00	33.28 -0.64 0.00	28.39 -0.55 0.00	29.52 -0.58 0.00	32.00 -0.57 0.00	36.50 -0.60 0.00	41.33 -0.64 0.00	45.02 -0.74 0.00	43.21 -0.62 0.00	44.44 -0.59 0.00	43.94 -0.53 0.00	49.03 -0.52 0.00	48.00 -0.44 0.00	48.44 -0.39 0.00	50.34 -0.47 0.00	51.89 -0.50 0.00	45.32 -0.26 0.00	36.52 -0.24 0.00
WOODMERE_69_KV_BK1 55827	40.76 3.22 0.00	36.34 2.43 0.00	31.25 2.10 0.00	31.70 1.94 0.00	32.04 1.84 0.00	36.05 1.70 0.00	38.67 1.77 0.00	35.67 1.76 0.00	30.79 1.85 0.00	32.19 2.09 0.00	35.11 2.48 -0.06	40.83 3.13 -0.59	46.71 3.55 -1.19	50.58 4.01 -0.81	49.36 3.80 -1.74	49.54 3.55 -0.96	47.69 3.21 0.00	52.64 3.09 0.00	51.11 2.68 0.00	50.97 2.14 0.00	52.46 1.65 0.00	54.21 1.81 0.00	48.05 2.47 0.00	39.16 2.40 0.00
YORK___WARBASSE 23770	40.19 2.64 0.00	36.03 2.12 0.00	31.02 1.87 0.00	31.39 1.63 0.00	31.82 1.62 0.00	35.82 1.48 0.00	38.42 1.52 0.00	35.56 1.65 0.00	30.62 1.67 0.00	31.88 1.79 0.00	34.62 1.99 -0.06	40.27 2.57 -0.59	46.06 2.90 -1.19	49.19 3.18 -0.24	48.54 3.14 -1.58	49.22 3.23 -0.96	47.64 3.16 0.00	52.20 2.66 0.00	50.50 2.07 0.00	50.41 1.58 0.00	51.84 1.03 0.00	53.63 1.24 0.00	47.92 2.33 0.00	38.94 2.18 0.00