

ALBANY___2 23572	45.42 0.98 0.00	41.87 0.94 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.48 0.59 0.00	38.11 0.30 0.00	46.41 0.23 0.00	50.00 0.40 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.07 0.51 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.33 0.64 0.00	52.10 0.62 0.00	47.85 0.75 -0.05	45.76 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.17 0.76 -0.22
ALBANY___3 23573	45.42 0.98 0.00	41.87 0.94 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.48 0.59 0.00	38.11 0.30 0.00	46.41 0.23 0.00	50.00 0.40 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.07 0.51 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.33 0.64 0.00	52.10 0.62 0.00	47.85 0.75 -0.05	45.76 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.17 0.76 -0.22
ALBANY___4 23574	45.42 0.98 0.00	41.87 0.94 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.48 0.59 0.00	38.11 0.30 0.00	46.41 0.23 0.00	50.00 0.40 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.07 0.51 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.33 0.64 0.00	52.10 0.62 0.00	47.85 0.75 -0.05	45.76 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.17 0.76 -0.22
ALBANY___LFGE 323615	45.74 1.29 0.00	42.16 1.23 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.69 0.80 0.00	38.45 0.64 0.00	46.91 0.74 0.00	50.49 0.89 0.00	48.20 0.98 -0.50	47.85 1.01 -1.04	47.94 0.96 -1.21	48.53 0.98 -1.19	47.31 0.95 -1.38	48.22 1.01 -1.15	46.21 1.01 -1.18	48.30 1.15 -1.04	49.80 1.12 -0.10	54.87 1.18 0.00	52.62 1.13 0.00	48.32 1.22 -0.05	46.20 1.17 -0.12	43.02 1.05 -0.09	41.03 1.22 -0.56	39.43 1.03 -0.22
ALCOA_PA_115KV_PL-6C 55860	45.29 0.84 0.00	41.87 0.94 0.00	35.67 0.73 0.00	35.11 0.79 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.01 0.83 0.00	50.15 0.55 0.00	47.23 0.51 0.00	46.17 0.37 0.00	46.13 0.37 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.39 0.32 0.00	44.23 0.22 0.00	46.29 0.18 0.00	48.77 0.19 0.00	53.96 0.27 0.00	51.74 0.26 0.00	47.15 0.09 0.00	45.19 0.27 0.00	41.92 0.04 0.00	39.36 0.12 0.00	38.41 0.23 0.00
ALCOA_RYNLDS___DRP 24188	45.29 0.84 0.00	41.87 0.94 0.00	35.67 0.73 0.00	35.11 0.79 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.01 0.83 0.00	50.15 0.55 0.00	47.23 0.51 0.00	46.17 0.37 0.00	46.13 0.37 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.39 0.32 0.00	44.23 0.22 0.00	46.29 0.18 0.00	48.77 0.19 0.00	53.96 0.27 0.00	51.74 0.26 0.00	47.15 0.09 0.00	45.19 0.27 0.00	41.92 0.04 0.00	39.36 0.12 0.00	38.41 0.23 0.00
ALCOA___DSASP 323711	45.25 0.80 0.00	41.79 0.86 0.00	35.67 0.73 0.00	35.00 0.69 0.00	35.55 0.66 0.00	38.49 0.68 0.00	46.96 0.78 0.00	50.15 0.55 0.00	47.23 0.51 0.00	46.17 0.36 0.00	46.13 0.36 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.39 0.32 0.00	44.19 0.18 0.00	46.29 0.19 0.00	48.77 0.20 0.00	53.96 0.27 0.00	51.75 0.26 0.00	47.15 0.09 0.00	45.19 0.27 0.00	41.92 0.04 0.00	39.36 0.12 0.00	38.41 0.23 0.00
ALLEGHENY___COGEN 23514	44.85 0.40 0.00	41.14 0.21 0.00	35.39 0.45 0.00	34.62 0.31 0.00	35.13 0.25 0.00	37.89 0.08 0.00	46.50 0.33 0.00	50.00 0.39 0.00	46.01 -0.70 0.00	45.02 -0.78 0.00	45.13 -0.64 0.00	45.53 -0.83 0.00	44.22 -0.76 0.00	45.32 -0.74 0.00	43.17 -0.84 0.00	45.36 -0.74 0.00	48.14 -0.44 0.00	53.90 0.22 0.00	51.69 0.21 0.00	46.44 -0.61 0.00	44.07 -0.85 0.00	41.63 -0.25 0.00	38.81 -0.43 0.00	38.37 0.19 0.00
ALTAMONT_115KV_TB 2 55880	45.42 0.98 0.00	41.83 0.90 0.00	35.67 0.73 0.00	35.04 0.72 0.00	35.59 0.70 0.00	38.49 0.68 0.00	47.01 0.83 0.00	50.59 0.99 0.00	48.28 1.07 -0.49	47.88 1.05 -1.02	47.92 0.96 -1.19	48.55 1.02 -1.17	47.33 0.99 -1.36	48.20 1.01 -1.13	46.23 1.06 -1.17	48.28 1.15 -1.02	49.89 1.21 -0.10	54.98 1.29 0.00	52.77 1.29 0.00	48.37 1.27 -0.04	46.25 1.21 -0.11	43.06 1.09 -0.09	40.90 1.10 -0.55	39.35 0.95 -0.22
ALTONA_WT_PWR 323606	45.91 1.46 0.00	42.40 1.47 0.00	36.15 1.22 0.00	35.48 1.17 0.00	36.11 1.22 0.00	39.06 1.25 0.00	47.70 1.52 0.00	50.59 0.99 0.00	47.65 0.93 0.00	46.44 0.64 0.00	46.41 0.64 0.00	46.96 0.60 0.00	45.48 0.50 0.00	46.43 0.37 0.00	44.01 0.00 0.00	45.92 -0.18 0.00	48.38 -0.19 0.00	53.69 0.00 0.00	51.59 0.10 0.00	47.00 -0.05 0.00	45.10 0.18 0.00	41.63 -0.25 0.00	39.13 -0.12 0.00	38.14 -0.04 0.00
AMERICAN_REF_FUEL 24010	41.07 -3.38 0.00	37.70 -3.23 0.00	32.63 -2.31 0.00	31.95 -2.37 0.00	32.41 -2.48 0.00	34.79 -3.03 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.40 -5.41 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.45 -6.12 0.00	47.52 -6.17 0.00	45.62 -5.87 0.00	40.61 -6.44 0.00	38.68 -6.24 0.00	36.94 -4.94 0.00	34.97 -4.28 0.00	35.16 -3.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.20 -1.24 0.00	39.54 -1.39 0.00	34.09 -0.84 0.00	33.32 -1.00 0.00	33.87 -1.01 0.00	36.71 -1.10 0.00	44.47 -1.71 0.00	47.32 -2.28 0.00	43.82 -2.90 0.00	43.01 -2.80 0.00	43.29 -2.47 0.00	43.72 -2.64 0.00	42.60 -2.39 0.00	43.67 -2.40 0.00	41.41 -2.60 0.00	43.25 -2.86 0.00	44.84 -3.74 0.00	50.20 -3.49 0.00	48.24 -3.24 0.00	42.96 -4.09 0.00	40.88 -4.04 0.00	38.82 -3.06 0.00	36.69 -2.55 0.00	36.77 -1.41 0.00
ARTHUR KILL_GT_1 23520	46.89 2.44 0.00	42.98 2.05 0.00	36.51 1.57 0.00	35.96 1.65 0.00	36.70 1.81 0.00	39.81 2.00 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.46 2.43 -2.32	52.98 2.38 -4.80	53.66 2.29 -5.61	53.66 2.27 -5.03	53.71 2.34 -6.39	53.70 2.44 -5.20	52.00 2.51 -5.48	53.64 2.72 -4.82	52.26 3.21 -0.47	55.29 3.00 1.40	54.41 2.93 0.01	50.79 3.53 -0.21	49.01 3.55 -0.54	45.91 3.60 -0.43	45.27 3.41 -2.62	42.19 2.98 -1.04
ARTHUR_KILL_2 23512	46.76 2.31 0.00	42.86 1.92 0.00	36.43 1.50 0.00	35.86 1.55 0.00	36.63 1.74 0.00	39.70 1.89 0.00	48.25 2.08 0.00	51.68 2.08 0.00	51.32 2.29 -2.32	52.85 2.24 -4.80	53.52 2.15 -5.61	53.57 2.18 -5.03	53.57 2.20 -6.39	53.57 2.30 -5.20	51.87 2.37 -5.48	53.45 2.53 -4.82	52.11 3.06 -0.47	55.08 2.79 1.40	54.21 2.73 0.01	50.60 3.34 -0.21	48.87 3.41 -0.54	45.78 3.47 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
ARTHUR_KILL_3 23513	45.96 1.51 0.00	42.24 1.31 0.00	35.91 0.98 0.00	35.34 1.03 0.00	36.07 1.19 0.00	39.29 1.47 0.00	48.16 1.98 0.00	51.93 2.33 0.00	51.70 2.66 -2.32	53.27 2.66 -4.81	53.90 2.52 -5.62	53.90 2.50 -5.04	53.90 2.52 -6.40	53.90 2.62 -5.21	52.28 2.77 -5.50	53.88 2.95 -4.83	52.26 3.21 -0.48	55.24 2.95 1.40	54.42 2.93 0.00	50.65 3.39 -0.21	48.65 3.19 -0.54	45.23 2.93 -0.42	44.65 2.79 -2.62	41.50 2.29 -1.03

ARTHUR_KILL_COGEN 323718	46.89 2.44 0.00	42.98 2.05 0.00	36.51 1.57 0.00	35.96 1.65 0.00	36.70 1.81 0.00	39.81 2.00 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.46 2.43 -2.32	52.98 2.38 -4.80	53.66 2.29 -5.61	53.66 2.27 -5.03	53.71 2.34 -6.39	53.70 2.44 -5.20	52.00 2.51 -5.48	53.64 2.72 -4.82	52.26 3.21 -0.47	55.29 3.00 1.40	54.41 2.93 0.01	50.79 3.53 -0.21	49.01 3.55 -0.54	45.91 3.60 -0.43	45.27 3.41 -2.62	42.19 2.98 -1.04
ASHOKAN____ 23654	47.16 2.71 0.00	43.39 2.46 0.00	36.82 1.89 0.00	36.17 1.85 0.00	36.81 1.92 0.00	39.93 2.12 0.00	49.17 3.00 0.00	52.58 2.98 0.00	49.52 2.80 0.00	48.32 2.52 0.00	48.14 2.38 0.00	48.63 2.27 0.00	47.14 2.16 0.00	48.41 2.35 0.00	46.43 2.42 0.00	49.10 3.00 0.00	52.08 3.50 0.00	57.66 3.97 0.00	55.14 3.66 0.00	50.63 3.57 0.00	48.07 3.14 0.00	44.81 2.93 0.00	41.87 2.63 0.00	40.51 2.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.27 1.82 0.00	42.40 1.47 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.44 1.62 0.00	47.97 1.80 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.08 2.47 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.81 2.43 -6.40	53.91 2.53 -5.31	52.14 2.64 -5.49	53.74 2.81 -4.82	52.31 3.25 -0.47	56.80 3.11 0.00	54.52 3.04 0.00	50.69 3.43 -0.21	48.69 3.24 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
ASTORIA_EAST_ENERGY_CC2 323582	46.27 1.82 0.00	42.40 1.47 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.44 1.62 0.00	47.97 1.80 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.08 2.47 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.81 2.43 -6.40	53.91 2.53 -5.31	52.14 2.64 -5.49	53.74 2.81 -4.82	52.31 3.25 -0.47	56.80 3.11 0.00	54.52 3.04 0.00	50.69 3.43 -0.21	48.69 3.24 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
ASTORIA_GT2_1 24094	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT2_2 24095	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT2_3 24096	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT2_4 24097	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT3_1 24098	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT3_2 24099	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT3_3 24100	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT3_4 24101	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT4_1 24102	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT4_2 24103	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT4_3 24104	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04

ASTORIA_GT4_4 24105	46.31 1.87 0.00	42.37 1.43 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.32 1.51 0.00	48.34 2.17 0.00	51.73 2.13 0.00	51.46 2.43 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.35 3.30 -0.47	56.86 3.17 0.00	54.63 3.14 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA_GT_1 23523	46.40 1.95 0.00	42.49 1.56 0.00	36.23 1.29 0.00	35.76 1.44 0.00	36.53 1.64 0.00	39.51 1.70 0.00	48.11 1.94 0.00	51.88 2.28 0.00	51.55 2.52 -2.32	53.21 2.61 -4.80	53.93 2.56 -5.61	54.38 2.50 -5.52	53.94 2.56 -6.40	54.05 2.67 -5.31	52.23 2.73 -5.49	53.88 2.95 -4.82	52.40 3.35 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.74 3.43 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
ASTORIA_GT_10 24110	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
ASTORIA_GT_11 24225	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
ASTORIA_GT_12 24226	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
ASTORIA_GT_13 24227	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
ASTORIA_GT_5 24106	46.40 1.96 0.00	42.45 1.51 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.40 1.59 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.56 2.52 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	54.44 2.55 -5.53	53.90 2.52 -6.40	54.05 2.67 -5.31	52.23 2.73 -5.49	53.88 2.95 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.74 3.43 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
ASTORIA_GT_7 24107	46.40 1.96 0.00	42.45 1.51 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.40 1.59 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.56 2.52 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	54.44 2.55 -5.53	53.90 2.52 -6.40	54.05 2.67 -5.31	52.23 2.73 -5.49	53.88 2.95 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.74 3.43 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
ASTORIA_GT_8 24108	46.40 1.96 0.00	42.45 1.51 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.40 1.59 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.56 2.52 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	54.44 2.55 -5.53	53.90 2.52 -6.40	54.05 2.67 -5.31	52.23 2.73 -5.49	53.88 2.95 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.74 3.43 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
ASTORIA___2 24149	46.31 1.87 0.00	42.45 1.52 0.00	36.19 1.26 0.00	35.72 1.41 0.00	36.46 1.57 0.00	39.47 1.66 0.00	48.02 1.85 0.00	51.78 2.18 0.00	51.46 2.43 -2.32	53.12 2.52 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.85 2.47 -6.40	53.95 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.31 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.66 3.35 -0.43	45.08 3.22 -2.62	42.00 2.79 -1.04
ASTORIA___3 23516	46.36 1.91 0.00	42.53 1.59 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.51 1.70 0.00	48.30 2.13 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.91 3.22 0.00	54.63 3.14 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
ASTORIA___4 23517	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.32 2.82 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
ASTORIA___5 23518	46.36 1.91 0.00	42.53 1.59 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.51 1.70 0.00	48.30 2.13 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.92 3.00 -4.82	52.45 3.40 -0.47	56.91 3.22 0.00	54.63 3.14 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
AST_ENERGY_2_CC3 323677	44.86 1.65 1.23	42.36 1.43 0.00	36.08 1.15 0.00	35.52 1.20 0.00	36.25 1.36 0.00	39.47 1.66 0.00	44.86 2.13 3.44	46.80 2.48 5.28	46.61 2.76 2.86	47.61 2.75 0.94	46.86 2.70 1.61	46.86 2.69 2.19	46.86 2.70 0.82	48.86 2.81 0.01	47.99 2.90 -1.08	48.86 3.04 0.29	47.99 3.35 3.93	50.25 3.17 6.60	46.86 3.14 7.77	45.99 3.43 4.49	45.99 3.24 2.17	45.32 3.02 -0.42	44.88 3.02 -2.62	41.77 2.56 -1.03
AST_ENERGY_2_CC4 323678	44.86 1.65 1.23	42.36 1.43 0.00	36.08 1.15 0.00	35.52 1.20 0.00	36.25 1.36 0.00	39.47 1.66 0.00	44.86 2.13 3.44	46.80 2.48 5.28	46.61 2.76 2.86	47.61 2.75 0.94	46.86 2.70 1.61	46.86 2.69 2.19	46.86 2.70 0.82	48.86 2.81 0.01	47.99 2.90 -1.08	48.86 3.04 0.29	47.99 3.35 3.93	50.25 3.17 6.60	46.86 3.14 7.77	45.99 3.43 4.49	45.99 3.24 2.17	45.32 3.02 -0.42	44.88 3.02 -2.62	41.77 2.56 -1.03

BARRETT_IC_5 23708	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BARRETT_IC_6 23709	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BARRETT_IC_7 23710	46.81 2.36 -0.01	42.61 1.68 0.00	35.78 0.84 -0.01	35.25 0.93 -0.01	36.50 1.60 -0.01	39.79 1.97 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.11 -4.80	54.59 3.20 -5.62	59.30 3.20 -9.74	66.33 3.15 -18.20	66.26 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.91 3.87 -20.35	73.05 3.81 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.26 2.83 -2.26
BARRETT_IC_8 23711	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BARRETT_IC_9 23700	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BARRETT___1 23545	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BARRETT___2 23546	46.59 2.13 -0.01	42.62 1.68 -0.01	35.81 0.87 -0.01	35.28 0.96 -0.01	36.29 1.40 -0.01	39.90 2.08 -0.01	49.63 2.82 -0.63	55.91 3.03 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.26 3.15 -9.74	66.33 3.15 -18.20	66.27 3.27 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.28 3.26 -4.78	43.27 2.83 -2.27
BATAVIA__115KV_TB1 55881	42.76 -1.69 0.00	39.38 -1.56 0.00	34.02 -0.91 0.00	33.22 -1.10 0.00	33.74 -1.15 0.00	36.60 -1.21 0.00	44.14 -2.03 0.00	47.27 -2.33 0.00	43.58 -3.13 0.00	42.87 -2.93 0.00	43.16 -2.61 0.00	43.58 -2.78 0.00	42.37 -2.61 0.00	43.53 -2.53 0.00	41.28 -2.73 0.00	43.15 -2.95 0.00	45.37 -3.21 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.43 -3.62 0.00	41.28 -3.64 0.00	39.24 -2.64 0.00	36.97 -2.28 0.00	36.88 -1.30 0.00
BAYONEEC___CTG1 323682	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG10 323750	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG2 323683	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG3 323684	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG4 323685	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG5 323686	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG6 323687	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03

BAYONEEC___CTG7 323688	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG8 323689	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BAYONEEC___CTG9 323749	46.18 1.73 0.00	42.45 1.52 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.25 1.36 0.00	39.47 1.66 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.32	52.50 2.99 -5.50	54.07 3.14 -4.83	52.50 3.45 -0.48	56.96 3.28 0.00	54.68 3.19 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BEACON___LESR 323632	46.09 1.65 0.00	42.45 1.52 0.00	36.15 1.22 0.00	35.52 1.20 0.00	35.93 1.05 0.00	38.79 0.98 0.00	47.33 1.15 0.00	50.99 1.39 0.00	48.67 1.45 -0.51	48.27 1.42 -1.05	48.36 1.37 -1.23	48.96 1.39 -1.21	47.68 1.31 -1.40	48.60 1.38 -1.16	46.62 1.41 -1.20	48.77 1.61 -1.05	50.28 1.60 -0.10	55.46 1.77 0.00	53.18 1.70 0.00	48.79 1.69 -0.05	46.65 1.61 -0.12	43.44 1.47 -0.09	41.39 1.57 -0.57	39.77 1.37 -0.22
BEAVER RIVER___HYD 24048	44.58 0.13 0.00	41.10 0.16 0.00	35.04 0.11 0.00	34.45 0.14 0.00	34.99 0.10 0.00	37.59 -0.23 0.00	46.04 -0.14 0.00	49.50 -0.10 0.00	47.13 0.42 0.00	45.71 -0.09 0.00	46.09 0.32 0.00	46.50 0.14 0.00	45.12 0.14 0.00	46.02 -0.05 0.00	43.39 -0.62 0.00	45.36 -0.74 0.00	47.75 -0.83 0.00	53.10 -0.59 0.00	50.66 -0.83 0.00	46.16 -0.90 0.00	44.02 -0.90 0.00	40.84 -1.05 0.00	38.10 -1.14 0.00	37.41 -0.76 0.00
BEEBEE_GT_13 23619	42.49 -1.96 0.00	39.13 -1.80 0.00	33.64 -1.29 0.00	32.91 -1.41 0.00	33.46 -1.43 0.00	36.26 -1.55 0.00	43.96 -2.22 0.00	47.07 -2.53 0.00	43.72 -2.99 0.00	43.01 -2.79 0.00	43.20 -2.56 0.00	43.72 -2.64 0.00	42.55 -2.43 0.00	43.62 -2.44 0.00	41.46 -2.55 0.00	43.38 -2.72 0.00	45.66 -2.91 0.00	50.74 -2.95 0.00	48.60 -2.88 0.00	43.85 -3.20 0.00	41.73 -3.19 0.00	39.41 -2.47 0.00	37.01 -2.24 0.00	36.57 -1.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.85 2.40 0.00	42.90 1.96 0.00	36.50 1.57 0.00	35.89 1.58 0.00	36.67 1.78 0.00	39.70 1.89 0.00	48.85 2.68 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.54 2.93 -4.81	54.26 2.88 -5.62	54.81 2.92 -5.53	54.26 2.88 -6.40	54.37 2.99 -5.31	52.58 3.08 -5.49	54.20 3.27 -4.82	52.79 3.74 -0.47	57.34 3.65 0.00	55.09 3.60 0.00	51.21 3.95 -0.21	49.28 3.82 -0.54	46.03 3.73 -0.43	45.35 3.49 -2.62	42.23 3.02 -1.04
BETHLEHEM___GRP 23843	45.42 0.98 0.00	41.87 0.94 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.48 0.59 0.00	38.11 0.30 0.00	46.41 0.23 0.00	50.00 0.40 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.07 0.51 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.33 0.64 0.00	52.10 0.62 0.00	47.85 0.75 -0.05	45.76 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.17 0.76 -0.22
BETHLEHEM___GS1 323560	45.47 1.02 0.00	41.91 0.98 0.00	35.70 0.77 0.00	35.07 0.75 0.00	35.44 0.56 0.00	38.15 0.34 0.00	46.45 0.28 0.00	50.00 0.39 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.03 0.46 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.34 0.65 0.00	52.11 0.62 0.00	47.85 0.75 -0.05	45.75 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.16 0.76 -0.22
BETHLEHEM___GS2 323561	45.47 1.02 0.00	41.91 0.98 0.00	35.70 0.77 0.00	35.07 0.75 0.00	35.44 0.56 0.00	38.15 0.34 0.00	46.45 0.28 0.00	50.00 0.39 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.03 0.46 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.34 0.65 0.00	52.11 0.62 0.00	47.85 0.75 -0.05	45.75 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.16 0.76 -0.22
BETHLEHEM___GS3 323562	45.47 1.02 0.00	41.91 0.98 0.00	35.70 0.77 0.00	35.07 0.75 0.00	35.44 0.56 0.00	38.15 0.34 0.00	46.45 0.28 0.00	50.00 0.39 0.00	47.73 0.51 -0.51	47.35 0.50 -1.05	47.45 0.46 -1.22	48.03 0.46 -1.20	46.82 0.45 -1.39	47.73 0.51 -1.16	45.78 0.57 -1.20	47.80 0.65 -1.05	49.31 0.63 -0.10	54.34 0.65 0.00	52.11 0.62 0.00	47.85 0.75 -0.05	45.75 0.72 -0.12	42.60 0.63 -0.09	40.72 0.90 -0.57	39.16 0.76 -0.22
BETHLEHEM___STEEL 23779	42.98 -1.47 0.00	39.54 -1.39 0.00	34.16 -0.77 0.00	33.36 -0.96 0.00	33.84 -1.05 0.00	36.72 -1.10 0.00	44.14 -2.03 0.00	46.82 -2.78 0.00	43.30 -3.41 0.00	42.51 -3.30 0.00	42.84 -2.93 0.00	43.21 -3.15 0.00	42.10 -2.88 0.00	43.16 -2.90 0.00	40.97 -3.04 0.00	42.78 -3.32 0.00	44.74 -3.84 0.00	49.98 -3.70 0.00	47.99 -3.50 0.00	42.82 -4.23 0.00	40.74 -4.18 0.00	38.78 -3.10 0.00	36.65 -2.59 0.00	36.77 -1.41 0.00
BETHLHEM_115KV_TB1 79974	45.42 0.98 0.00	41.83 0.90 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.52 0.63 0.00	38.19 0.38 0.00	46.54 0.37 0.00	50.10 0.50 0.00	47.82 0.61 -0.50	47.49 0.64 -1.04	47.58 0.59 -1.22	48.16 0.60 -1.20	46.96 0.58 -1.39	47.82 0.60 -1.15	45.86 0.66 -1.19	47.93 0.78 -1.05	49.46 0.78 -0.10	54.44 0.75 0.00	52.26 0.77 0.00	47.94 0.85 -0.05	45.85 0.81 -0.12	42.73 0.75 -0.09	40.75 0.94 -0.57	39.20 0.80 -0.22
BETHPAGE_CC_5 323564	46.76 2.31 0.00	42.73 1.80 0.00	35.88 0.94 0.00	35.34 1.03 0.00	36.42 1.53 0.00	40.08 2.27 0.00	49.76 2.96 -0.63	56.16 3.27 -3.28	54.48 3.46 -4.31	53.90 3.30 -4.80	54.77 3.39 -5.62	59.49 3.38 -9.74	66.55 3.38 -18.20	66.49 3.50 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.05 4.03 -20.45	78.18 4.13 -20.35	73.25 4.02 -17.75	69.46 4.09 -18.32	67.42 3.86 -18.63	57.23 3.52 -11.83	47.43 3.41 -4.78	43.57 3.13 -2.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.29 -1.16 0.00	39.83 -1.11 0.00	34.41 -0.52 0.00	33.60 -0.72 0.00	34.09 -0.80 0.00	36.98 -0.83 0.00	44.47 -1.71 0.00	47.17 -2.43 0.00	43.68 -3.04 0.00	42.83 -2.98 0.00	43.16 -2.61 0.00	43.53 -2.83 0.00	42.42 -2.56 0.00	43.48 -2.58 0.00	41.28 -2.73 0.00	43.15 -2.95 0.00	45.08 -3.50 0.00	50.36 -3.33 0.00	48.40 -3.09 0.00	43.15 -3.91 0.00	41.06 -3.86 0.00	39.07 -2.81 0.00	36.89 -2.35 0.00	36.99 -1.18 0.00

BINGHAMTON___COGEN 23790	44.45 0.00 0.00	40.85 -0.08 0.00	34.93 0.00 0.00	34.25 -0.07 0.00	34.85 -0.03 0.00	37.81 0.00 0.00	46.22 0.05 0.00	49.70 0.10 0.00	46.40 -0.09 0.22	45.34 0.00 0.46	45.36 0.14 0.54	45.88 0.05 0.53	44.50 0.13 0.62	45.69 0.14 0.51	43.57 0.09 0.53	45.73 0.09 0.47	48.58 0.05 0.05	53.90 0.21 0.00	51.74 0.26 0.00	46.98 -0.05 0.02	44.74 -0.13 0.05	41.84 0.00 0.04	38.91 -0.08 0.25	38.19 0.11 0.10
BIXINCNT_115KV_LOAD 355685	44.36 -0.09 0.00	40.69 -0.25 0.00	35.21 0.28 0.00	34.35 0.03 0.00	34.89 0.00 0.00	37.81 0.00 0.00	45.39 -0.78 0.00	48.26 -1.34 0.00	44.70 -2.01 0.00	43.56 -2.24 0.00	43.84 -1.92 0.00	43.95 -2.41 0.00	42.64 -2.34 0.00	44.08 -1.98 0.00	41.50 -2.51 0.00	43.80 -2.31 0.00	45.81 -2.77 0.00	51.11 -2.58 0.00	49.22 -2.27 0.00	43.57 -3.48 0.00	41.46 -3.46 0.00	39.33 -2.55 0.00	37.13 -2.12 0.00	37.22 -0.95 0.00
BLACK RIVER___HYD 24047	44.58 0.13 0.00	41.06 0.12 0.00	35.00 0.07 0.00	34.42 0.10 0.00	34.99 0.10 0.00	37.74 -0.08 0.00	46.31 0.14 0.00	49.90 0.30 0.00	47.37 0.65 0.00	46.17 0.36 0.00	46.50 0.73 0.00	46.96 0.60 0.00	45.61 0.63 0.00	46.57 0.51 0.00	44.10 0.09 0.00	46.20 0.09 0.00	48.67 0.10 0.00	54.17 0.48 0.00	51.59 0.10 0.00	47.00 -0.05 0.00	44.79 -0.13 0.00	41.54 -0.34 0.00	38.61 -0.63 0.00	37.87 -0.31 0.00
BLACKRVR_115KV_TB2 79977	44.58 0.13 0.00	41.10 0.16 0.00	35.04 0.10 0.00	34.45 0.14 0.00	35.03 0.14 0.00	37.77 -0.04 0.00	46.31 0.14 0.00	49.90 0.30 0.00	47.37 0.65 0.00	46.17 0.37 0.00	46.50 0.73 0.00	46.96 0.60 0.00	45.61 0.63 0.00	46.57 0.51 0.00	44.05 0.04 0.00	46.20 0.09 0.00	48.67 0.10 0.00	54.17 0.48 0.00	51.59 0.10 0.00	47.00 -0.05 0.00	44.79 -0.13 0.00	41.55 -0.34 0.00	38.62 -0.63 0.00	37.87 -0.31 0.00
BLISS_WT_PWR 323608	44.45 0.00 0.00	40.65 -0.28 0.00	35.18 0.25 0.00	34.38 0.07 0.00	34.89 0.00 0.00	37.55 -0.26 0.00	45.39 -0.79 0.00	48.26 -1.34 0.00	44.66 -2.05 0.00	43.61 -2.20 0.00	43.75 -2.01 0.00	43.77 -2.60 0.00	42.42 -2.56 0.00	43.95 -2.12 0.00	41.32 -2.69 0.00	43.70 -2.40 0.00	45.71 -2.87 0.00	51.01 -2.68 0.00	49.17 -2.32 0.00	43.38 -3.67 0.00	41.28 -3.64 0.00	39.16 -2.72 0.00	36.97 -2.28 0.00	37.11 -1.07 0.00
BLUESTONE___WT_PWR 323821	46.62 2.18 0.00	42.86 1.92 0.00	36.57 1.64 0.00	36.00 1.68 0.00	36.60 1.71 0.00	39.70 1.89 0.00	48.71 2.54 0.00	53.32 3.72 0.00	50.01 3.55 0.26	48.89 3.62 0.53	49.04 3.89 0.62	49.65 3.89 0.61	48.37 4.09 0.70	49.67 4.19 0.59	47.28 3.87 0.61	49.63 4.06 0.53	52.84 4.32 0.05	57.18 3.49 0.00	54.73 3.25 0.00	49.76 2.73 0.02	47.33 2.47 0.06	44.09 2.26 0.05	40.76 1.81 0.29	40.01 1.95 0.11
BLUE_CIRC_CHEM_DRP 24182	45.65 1.20 0.00	42.04 1.11 0.00	35.84 0.91 0.00	35.21 0.89 0.00	35.69 0.80 0.00	38.53 0.72 0.00	47.01 0.83 0.00	50.59 0.99 0.00	48.19 1.03 -0.45	47.69 0.96 -0.92	47.76 0.92 -1.08	48.39 0.97 -1.06	47.15 0.94 -1.23	48.10 1.01 -1.02	46.08 1.01 -1.05	48.18 1.15 -0.93	49.78 1.12 -0.09	54.92 1.23 0.00	52.67 1.18 0.00	48.31 1.22 -0.04	46.19 1.17 -0.10	43.05 1.09 -0.08	40.88 1.14 -0.50	39.41 1.03 -0.20
BOC_GAS_DRP 24189	45.29 0.84 0.00	41.71 0.78 0.00	35.56 0.63 0.00	34.97 0.65 0.00	35.52 0.63 0.00	38.34 0.53 0.00	46.82 0.65 0.00	50.39 0.79 0.00	48.10 0.89 -0.50	47.70 0.87 -1.03	47.79 0.82 -1.20	48.38 0.83 -1.18	47.16 0.81 -1.37	48.08 0.88 -1.14	46.11 0.92 -1.18	48.15 1.01 -1.03	49.70 1.02 -0.10	54.76 1.07 0.00	52.52 1.03 0.00	48.18 1.08 -0.04	46.07 1.03 -0.11	42.89 0.92 -0.09	40.78 0.98 -0.56	39.24 0.84 -0.22
BOONVILLE_115KV_TB1 79983	45.11 0.67 0.00	41.55 0.61 0.00	35.46 0.52 0.00	34.86 0.55 0.00	35.45 0.56 0.00	38.30 0.49 0.00	46.87 0.69 0.00	50.44 0.84 0.00	47.69 0.98 0.00	46.58 0.78 0.00	46.73 0.96 0.00	47.24 0.88 0.00	45.84 0.85 0.00	46.85 0.78 0.00	44.54 0.53 0.00	46.66 0.55 0.00	49.11 0.53 0.00	54.44 0.75 0.00	52.05 0.57 0.00	47.52 0.47 0.00	45.28 0.36 0.00	42.13 0.25 0.00	39.32 0.08 0.00	38.41 0.23 0.00
BORALEX_4TH_BRANCH 23824	46.80 2.36 0.00	43.10 2.17 0.00	36.71 1.78 0.00	36.10 1.78 0.00	36.74 1.85 0.00	39.85 2.04 0.00	48.81 2.63 0.00	52.58 2.98 0.00	50.31 2.99 -0.61	49.96 2.89 -1.27	50.04 2.79 -1.48	50.64 2.83 -1.46	49.41 2.74 -1.69	50.27 2.81 -1.40	48.23 2.77 -1.45	50.33 2.95 -1.27	51.81 3.11 -0.13	57.12 3.44 0.00	54.83 3.35 0.00	50.35 3.25 -0.06	48.07 3.01 -0.14	44.75 2.76 -0.11	42.48 2.55 -0.69	40.82 2.37 -0.27
BOWLINE___1 23526	45.74 1.29 0.00	42.04 1.11 0.00	35.77 0.84 0.00	35.24 0.93 0.00	35.90 1.01 0.00	39.06 1.25 0.00	47.88 1.71 0.00	51.59 1.99 0.00	44.77 2.10 4.05	39.53 2.11 8.38	38.09 2.11 9.79	38.82 2.09 9.63	35.90 2.07 11.15	38.97 2.17 9.26	36.68 2.24 9.57	40.09 2.40 8.41	50.37 2.62 0.83	56.27 2.58 0.00	54.06 2.57 0.00	49.37 2.68 0.36	46.50 2.51 0.93	43.41 2.26 0.73	36.80 2.12 4.56	38.10 1.72 1.79
BOWLINE___2 23595	45.83 1.38 0.00	42.12 1.19 0.00	35.84 0.91 0.00	35.28 0.96 0.00	35.93 1.05 0.00	39.13 1.32 0.00	47.93 1.75 0.00	51.64 2.03 0.00	44.81 2.15 4.05	39.58 2.15 8.38	38.13 2.15 9.79	38.86 2.13 9.63	35.94 2.11 11.15	39.06 2.26 9.26	36.72 2.29 9.58	40.14 2.44 8.41	50.42 2.67 0.83	56.37 2.68 0.00	54.11 2.62 0.00	49.46 2.78 0.36	46.55 2.56 0.93	43.49 2.34 0.73	36.84 2.16 4.56	38.14 1.76 1.79
BRADY___115KV_TB2 356060	45.65 1.20 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.38 1.06 0.00	35.83 0.94 0.00	38.53 0.72 0.00	46.91 0.74 0.00	50.05 0.45 0.00	48.44 1.73 0.00	46.72 0.92 0.00	47.92 2.15 0.00	48.31 1.95 0.00	46.87 1.89 0.00	47.77 1.70 0.00	44.19 0.18 0.00	45.83 -0.28 0.00	47.99 -0.58 0.00	53.69 0.00 0.00	51.13 -0.36 0.00	46.44 -0.61 0.00	44.43 -0.49 0.00	41.04 -0.84 0.00	38.54 -0.71 0.00	38.48 0.31 0.00
BRANSCOMB___SOLAR 323811	46.62 2.18 0.00	42.82 1.88 0.00	36.43 1.50 0.00	35.79 1.47 0.00	36.39 1.50 0.00	39.51 1.70 0.00	48.57 2.40 0.00	52.33 2.73 0.00	49.88 2.66 -0.51	49.37 2.52 -1.05	49.37 2.38 -1.23	50.07 2.50 -1.21	48.81 2.43 -1.40	49.76 2.53 -1.16	47.67 2.46 -1.20	49.92 2.77 -1.05	51.40 2.72 -0.10	56.80 3.11 0.00	54.52 3.04 0.00	49.92 2.82 -0.05	47.78 2.74 -0.12	44.40 2.43 -0.09	41.97 2.16 -0.57	40.31 1.91 -0.22
BRENTWOD_69_KV_W. BRTWOOD 56703	47.65 3.20 0.00	43.27 2.33 0.00	36.19 1.26 0.00	35.62 1.30 0.00	37.08 2.20 0.00	40.46 2.65 0.00	50.59 3.79 -0.63	57.20 4.32 -3.28	55.32 4.30 -4.31	54.63 4.03 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.32 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.62 4.61 -20.91	73.98 4.95 -20.45	79.14 5.10 -20.35	74.23 4.99 -17.75	70.41 5.03 -18.32	68.27 4.72 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.78	44.03 3.59 -2.26

BRISTLHL_115KV_TB1 79998	43.07 -1.38 0.00	39.58 -1.35 0.00	33.81 -1.12 0.00	33.15 -1.17 0.00	33.74 -1.15 0.00	36.60 -1.21 0.00	44.74 -1.43 0.00	48.21 -1.39 0.00	45.26 -1.45 0.00	44.52 -1.28 0.00	44.58 -1.19 0.00	45.16 -1.21 0.00	43.86 -1.12 0.00	44.91 -1.15 0.00	42.87 -1.14 0.00	44.86 -1.24 0.00	47.26 -1.31 0.00	52.29 -1.40 0.00	50.15 -1.34 0.00	45.73 -1.32 0.00	43.53 -1.39 0.00	40.71 -1.17 0.00	37.99 -1.26 0.00	37.07 -1.11 0.00
BROOKHAVEN___DRP 24191	47.65 3.20 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.55 1.24 0.00	37.05 2.16 0.00	40.50 2.68 0.00	50.63 3.83 -0.63	57.20 4.32 -3.28	55.36 4.34 -4.31	54.59 3.98 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.27 4.09 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.66 -20.91	74.12 5.10 -20.45	79.41 5.37 -20.35	74.49 5.25 -17.75	70.50 5.13 -18.32	68.36 4.81 -18.63	58.11 4.40 -11.83	48.22 4.20 -4.78	44.10 3.67 -2.26
BROOKLYN_NAVY_YARD 23515	46.13 1.69 0.00	42.36 1.43 0.00	36.02 1.08 0.00	35.48 1.17 0.00	36.18 1.29 0.00	39.44 1.62 0.00	48.35 2.17 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.46 2.84 -4.81	54.18 2.79 -5.62	54.72 2.83 -5.53	54.22 2.84 -6.40	54.33 2.95 -5.32	52.50 2.99 -5.50	54.11 3.18 -4.83	52.55 3.50 -0.48	57.07 3.38 0.00	54.78 3.30 0.00	50.88 3.62 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.81 2.94 -2.62	41.65 2.45 -1.03
BROOKLYN___ARMY_DRP 323595	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
BROOKVLE_69_KV_TB1 55790	46.94 2.49 0.00	42.82 1.88 0.00	36.05 1.12 0.00	35.48 1.17 0.00	36.63 1.74 0.00	39.89 2.08 0.00	49.76 2.96 -0.63	56.26 3.37 -3.28	54.57 3.55 -4.31	54.04 3.44 -4.80	54.91 3.52 -5.62	59.63 3.52 -9.74	66.64 3.46 -18.20	66.59 3.59 -16.93	68.47 3.61 -20.85	70.80 3.78 -20.91	73.15 4.13 -20.45	78.23 4.19 -20.35	73.36 4.12 -17.75	69.51 4.14 -18.32	67.42 3.86 -18.63	57.31 3.60 -11.83	47.39 3.38 -4.78	43.38 2.94 -2.26
BROOME_2_LFGE 323671	44.45 0.00 0.00	40.85 -0.08 0.00	34.90 -0.03 0.00	34.28 -0.03 0.00	34.85 -0.03 0.00	37.77 -0.04 0.00	46.17 0.00 0.00	49.70 0.10 0.00	46.40 -0.09 0.22	45.34 0.00 0.46	45.36 0.14 0.54	45.88 0.05 0.53	44.50 0.14 0.62	45.69 0.14 0.51	43.57 0.09 0.53	45.73 0.09 0.47	48.58 0.05 0.05	53.90 0.22 0.00	51.75 0.26 0.00	46.98 -0.05 0.02	44.74 -0.13 0.05	41.84 0.00 0.04	38.91 -0.08 0.25	38.19 0.11 0.10
BROOME___LFGE 323600	44.45 0.00 0.00	40.85 -0.08 0.00	34.90 -0.03 0.00	34.28 -0.03 0.00	34.85 -0.03 0.00	37.77 -0.04 0.00	46.17 0.00 0.00	49.70 0.10 0.00	46.40 -0.09 0.22	45.34 0.00 0.46	45.36 0.14 0.54	45.88 0.05 0.53	44.50 0.14 0.62	45.69 0.14 0.51	43.57 0.09 0.53	45.73 0.09 0.47	48.58 0.05 0.05	53.90 0.22 0.00	51.75 0.26 0.00	46.98 -0.05 0.02	44.74 -0.13 0.05	41.84 0.00 0.04	38.91 -0.08 0.25	38.19 0.11 0.10
BROWNFLS_115KV_TB_3_5 80003	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.17 0.00	34.56 0.24 0.00	34.99 0.10 0.00	37.28 -0.53 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.04 0.00	45.88 -0.18 0.00	42.87 -1.14 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
BROWNSV1_27_KV_LOAD 356125	46.58 2.13 0.00	42.69 1.76 0.00	36.36 1.43 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.66 1.85 0.00	48.81 2.63 0.00	52.63 3.03 0.00	52.31 3.27 -2.32	53.91 3.30 -4.81	54.59 3.20 -5.62	55.13 3.25 -5.53	54.58 3.19 -6.40	54.74 3.36 -5.32	52.89 3.39 -5.50	54.53 3.60 -4.83	52.99 3.93 -0.48	57.55 3.87 0.00	55.30 3.81 0.00	51.26 4.00 -0.21	49.23 3.77 -0.54	45.78 3.48 -0.42	45.16 3.30 -2.62	41.99 2.79 -1.03
BURROWS___LYONSDAL 23803	44.98 0.53 0.00	41.46 0.53 0.00	35.35 0.42 0.00	34.76 0.45 0.00	35.34 0.45 0.00	38.19 0.38 0.00	46.73 0.55 0.00	50.25 0.64 0.00	47.60 0.89 0.00	46.35 0.55 0.00	46.54 0.78 0.00	47.01 0.65 0.00	45.61 0.63 0.00	46.57 0.51 0.00	44.23 0.22 0.00	46.29 0.18 0.00	48.72 0.15 0.00	54.06 0.38 0.00	51.69 0.21 0.00	47.15 0.09 0.00	44.97 0.04 0.00	41.80 -0.08 0.00	39.01 -0.24 0.00	38.14 -0.04 0.00
CAITHNESS_CC_1 323624	47.25 2.80 0.00	43.06 2.13 0.00	36.02 1.08 0.00	35.48 1.17 0.00	36.67 1.78 0.00	40.46 2.65 0.00	50.45 3.65 -0.63	57.00 4.11 -3.28	55.13 4.11 -4.31	54.40 3.80 -4.80	55.32 3.94 -5.62	60.14 4.03 -9.74	67.09 3.91 -18.20	67.09 4.10 -16.93	69.05 4.18 -20.85	71.44 4.43 -20.91	73.88 4.86 -20.45	79.09 5.05 -20.35	74.13 4.89 -17.75	70.27 4.89 -18.32	68.18 4.63 -18.63	57.90 4.19 -11.83	48.06 4.04 -4.77	43.95 3.51 -2.26
CALPINE BETH_PAGE_GT4 24209	47.02 2.58 0.00	42.82 1.88 0.00	35.91 0.98 0.00	35.35 1.03 0.00	36.67 1.78 0.00	39.97 2.16 0.00	49.71 2.91 -0.63	56.16 3.27 -3.28	54.48 3.46 -4.31	53.90 3.30 -4.80	54.77 3.39 -5.62	59.54 3.43 -9.74	66.55 3.37 -18.20	66.50 3.50 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.18 4.13 -20.35	73.30 4.07 -17.75	69.47 4.09 -18.32	67.46 3.91 -18.63	57.27 3.56 -11.83	47.39 3.38 -4.78	43.57 3.13 -2.26
CALPINE_BETH_PAGE_GT_4 323586	46.84 2.40 0.00	42.82 1.88 0.00	35.91 0.98 0.00	35.38 1.06 0.00	36.46 1.57 0.00	40.08 2.27 0.00	49.76 2.96 -0.63	56.16 3.27 -3.28	54.48 3.46 -4.31	53.90 3.30 -4.80	54.77 3.39 -5.62	59.54 3.43 -9.74	66.55 3.38 -18.20	66.49 3.50 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.18 4.13 -20.35	73.25 4.02 -17.75	69.46 4.09 -18.32	67.42 3.86 -18.63	57.27 3.56 -11.83	47.40 3.38 -4.78	43.57 3.13 -2.26
CALPINE_BP_GT1 23823	46.84 2.40 0.00	42.82 1.88 0.00	35.91 0.98 0.00	35.38 1.06 0.00	36.46 1.57 0.00	40.08 2.27 0.00	49.76 2.96 -0.63	56.16 3.27 -3.28	54.48 3.46 -4.31	53.90 3.30 -4.80	54.77 3.39 -5.62	59.54 3.43 -9.74	66.55 3.38 -18.20	66.49 3.50 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.18 4.13 -20.35	73.25 4.02 -17.75	69.46 4.09 -18.32	67.42 3.86 -18.63	57.27 3.56 -11.83	47.40 3.38 -4.78	43.57 3.13 -2.26
CALSPAN___DRP 24200	42.98 -1.47 0.00	39.54 -1.39 0.00	34.16 -0.77 0.00	33.36 -0.96 0.00	33.84 -1.05 0.00	36.72 -1.10 0.00	44.14 -2.03 0.00	46.82 -2.78 0.00	43.30 -3.41 0.00	42.51 -3.30 0.00	42.84 -2.93 0.00	43.21 -3.15 0.00	42.10 -2.88 0.00	43.16 -2.90 0.00	40.97 -3.04 0.00	42.78 -3.32 0.00	44.74 -3.84 0.00	49.98 -3.70 0.00	47.99 -3.50 0.00	42.82 -4.23 0.00	40.74 -4.18 0.00	38.78 -3.10 0.00	36.65 -2.59 0.00	36.77 -1.41 0.00

CALVERTON___SOLAR 323806	47.60 3.16 0.00	43.39 2.46 0.00	36.26 1.33 0.00	35.72 1.41 0.00	36.91 2.02 0.00	40.76 2.95 0.00	50.87 4.06 -0.63	57.50 4.61 -3.28	55.55 4.53 -4.31	54.81 4.21 -4.80	55.73 4.35 -5.62	60.56 4.45 -9.74	67.50 4.32 -18.20	67.51 4.52 -16.93	69.44 4.58 -20.85	71.90 4.88 -20.91	74.41 5.39 -20.45	79.68 5.64 -20.35	74.75 5.51 -17.75	70.78 5.41 -18.32	68.63 5.07 -18.63	58.32 4.61 -11.83	48.37 4.36 -4.77	44.26 3.82 -2.26
CANDIGU_WT_PWR 323617	43.96 -0.49 0.00	40.32 -0.61 0.00	34.62 -0.32 0.00	33.94 -0.38 0.00	34.43 -0.45 0.00	37.21 -0.61 0.00	45.34 -0.83 0.00	48.51 -1.09 0.00	45.08 -1.64 0.00	44.29 -1.51 0.00	44.39 -1.37 0.00	44.69 -1.67 0.00	43.45 -1.53 0.00	44.54 -1.52 0.00	42.47 -1.54 0.00	44.49 -1.61 0.00	46.68 -1.90 0.00	52.08 -1.61 0.00	49.99 -1.49 0.00	44.98 -2.07 0.00	42.77 -2.16 0.00	40.33 -1.55 0.00	37.79 -1.45 0.00	37.37 -0.80 0.00
CARR STREET_E_SYR 24060	43.43 -1.02 0.00	39.91 -1.02 0.00	34.09 -0.84 0.00	33.46 -0.86 0.00	34.05 -0.84 0.00	36.90 -0.91 0.00	45.02 -1.15 0.00	48.46 -1.14 0.00	45.50 -1.21 0.00	44.75 -1.05 0.00	44.80 -0.96 0.00	45.38 -0.98 0.00	44.08 -0.90 0.00	45.14 -0.92 0.00	43.08 -0.93 0.00	45.09 -1.01 0.00	47.46 -1.12 0.00	52.51 -1.18 0.00	50.40 -1.08 0.00	45.92 -1.13 0.00	43.75 -1.17 0.00	41.00 -0.88 0.00	38.30 -0.94 0.00	37.37 -0.80 0.00
CARTHAGE___PAPER 23857	44.58 0.13 0.00	41.10 0.16 0.00	35.04 0.11 0.00	34.45 0.14 0.00	34.99 0.10 0.00	37.66 -0.15 0.00	46.17 0.00 0.00	49.75 0.15 0.00	47.28 0.56 0.00	45.94 0.14 0.00	46.27 0.50 0.00	46.69 0.33 0.00	45.30 0.32 0.00	46.20 0.14 0.00	43.66 -0.35 0.00	45.69 -0.42 0.00	48.14 -0.44 0.00	53.58 -0.11 0.00	51.07 -0.41 0.00	46.53 -0.52 0.00	44.38 -0.54 0.00	41.17 -0.71 0.00	38.34 -0.90 0.00	37.61 -0.57 0.00
CASSADAGA_WT_PWR 323784	43.78 -0.67 0.00	40.07 -0.86 0.00	34.51 -0.42 0.00	33.77 -0.55 0.00	34.29 -0.59 0.00	37.17 -0.64 0.00	45.07 -1.11 0.00	48.01 -1.59 0.00	44.52 -2.19 0.00	43.65 -2.15 0.00	43.98 -1.79 0.00	44.37 -1.99 0.00	43.23 -1.75 0.00	44.36 -1.70 0.00	42.03 -1.98 0.00	43.89 -2.21 0.00	45.56 -3.01 0.00	51.11 -2.58 0.00	49.12 -2.37 0.00	43.71 -3.34 0.00	41.60 -3.32 0.00	39.49 -2.39 0.00	37.28 -1.96 0.00	37.30 -0.88 0.00
CE_DUNWOOD___DRP 24194	46.18 1.73 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.21 1.33 0.00	39.32 1.51 0.00	48.30 2.12 0.00	52.03 2.43 0.00	51.77 2.66 -2.39	53.46 2.70 -4.95	54.20 2.65 -5.78	54.69 2.64 -5.69	54.18 2.61 -6.59	54.30 2.76 -5.47	52.44 2.77 -5.66	54.02 2.95 -4.97	52.27 3.21 -0.49	56.91 3.22 0.00	54.68 3.19 0.00	50.56 3.29 -0.22	48.53 3.05 -0.55	45.12 2.81 -0.43	44.57 2.63 -2.69	41.41 2.18 -1.06
CE_MILLWOOD___DRP 24193	46.09 1.64 0.00	42.28 1.35 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.14 1.26 0.00	39.25 1.44 0.00	48.21 2.03 0.00	51.93 2.33 0.00	51.67 2.52 -2.44	53.41 2.56 -5.04	54.17 2.52 -5.89	54.70 2.55 -5.79	54.21 2.52 -6.71	54.26 2.63 -5.57	52.46 2.68 -5.76	53.98 2.81 -5.06	52.18 3.11 -0.50	56.80 3.11 0.00	54.52 3.04 0.00	50.42 3.15 -0.22	48.45 2.96 -0.56	45.00 2.68 -0.44	44.50 2.51 -2.74	41.32 2.06 -1.08
CE_NYC2_DRP 24202	46.36 1.91 0.00	42.53 1.60 0.00	36.22 1.29 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.41 2.79 -4.81	54.08 2.70 -5.62	54.62 2.74 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.78 3.30 0.00	50.84 3.58 -0.21	48.87 3.41 -0.54	45.66 3.35 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
CE_NYC_DRP 24195	46.13 1.78 0.10	42.41 1.47 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.17 2.26 0.27	51.82 2.63 0.41	51.58 2.94 -1.92	53.10 2.93 -4.37	53.71 2.88 -5.06	54.21 2.92 -4.93	53.70 2.88 -5.84	53.96 2.99 -4.90	52.24 3.08 -5.15	53.76 3.23 -4.43	52.26 3.55 -0.13	56.61 3.44 0.51	54.28 3.40 0.60	50.52 3.62 0.15	48.66 3.41 -0.33	45.44 3.14 -0.42	44.84 2.98 -2.62	41.73 2.52 -1.03
CHAFFEE___LFGE 323603	43.20 -1.24 0.00	39.62 -1.31 0.00	34.23 -0.70 0.00	33.53 -0.79 0.00	33.98 -0.91 0.00	36.60 -1.21 0.00	44.33 -1.85 0.00	47.07 -2.53 0.00	43.58 -3.13 0.00	42.83 -2.98 0.00	43.11 -2.66 0.00	43.49 -2.87 0.00	42.33 -2.65 0.00	43.44 -2.62 0.00	41.19 -2.82 0.00	43.02 -3.09 0.00	44.98 -3.59 0.00	50.36 -3.33 0.00	48.40 -3.09 0.00	43.10 -3.95 0.00	40.97 -3.95 0.00	38.99 -2.89 0.00	36.81 -2.43 0.00	36.92 -1.26 0.00
CHATEAUG_35_KV_LOAD 355732	45.91 1.47 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.07 1.19 0.00	39.14 1.32 0.00	47.70 1.52 0.00	50.49 0.89 0.00	47.60 0.89 0.00	46.31 0.50 0.00	46.32 0.55 0.00	46.87 0.51 0.00	45.39 0.40 0.00	46.29 0.23 0.00	43.92 -0.09 0.00	45.78 -0.32 0.00	48.24 -0.34 0.00	53.53 -0.16 0.00	51.49 0.00 0.00	46.86 -0.19 0.00	45.01 0.09 0.00	41.55 -0.34 0.00	39.09 -0.16 0.00	38.14 -0.04 0.00
CHATEAUG_WT_PWR 323614	45.74 1.29 0.00	42.24 1.31 0.00	36.02 1.08 0.00	35.34 1.03 0.00	35.97 1.08 0.00	38.87 1.06 0.00	47.47 1.29 0.00	50.39 0.79 0.00	47.46 0.75 0.00	46.26 0.46 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.30 0.32 0.00	46.20 0.14 0.00	43.79 -0.22 0.00	45.69 -0.42 0.00	48.14 -0.44 0.00	53.42 -0.27 0.00	51.38 -0.10 0.00	46.82 -0.23 0.00	44.92 0.00 0.00	41.50 -0.38 0.00	39.01 -0.23 0.00	38.06 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	45.91 1.47 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.07 1.19 0.00	39.14 1.32 0.00	47.70 1.52 0.00	50.49 0.89 0.00	47.60 0.89 0.00	46.31 0.50 0.00	46.32 0.55 0.00	46.87 0.51 0.00	45.39 0.40 0.00	46.29 0.23 0.00	43.92 -0.09 0.00	45.78 -0.32 0.00	48.24 -0.34 0.00	53.53 -0.16 0.00	51.49 0.00 0.00	46.86 -0.19 0.00	45.01 0.09 0.00	41.55 -0.34 0.00	39.09 -0.16 0.00	38.14 -0.04 0.00
CHAUTAUQUA___LFGE 323629	43.34 -1.11 0.00	39.71 -1.23 0.00	34.27 -0.66 0.00	33.53 -0.79 0.00	34.02 -0.87 0.00	36.90 -0.91 0.00	44.70 -1.48 0.00	47.57 -2.04 0.00	44.05 -2.66 0.00	43.24 -2.56 0.00	43.57 -2.20 0.00	43.95 -2.41 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.63 -2.38 0.00	43.48 -2.63 0.00	45.08 -3.50 0.00	50.47 -3.22 0.00	48.50 -2.99 0.00	43.19 -3.86 0.00	41.06 -3.86 0.00	39.03 -2.85 0.00	36.89 -2.35 0.00	36.95 -1.22 0.00
CHERRYST_13_KV_LD 356241	46.26 1.91 0.10	42.53 1.60 0.00	36.19 1.26 0.00	35.62 1.30 0.00	36.35 1.47 0.00	39.51 1.70 0.00	48.31 2.40 0.27	51.97 2.78 0.41	51.72 3.08 -1.92	53.28 3.11 -4.37	53.85 3.02 -5.06	54.35 3.06 -4.93	53.88 3.06 -5.84	54.14 3.18 -4.90	52.38 3.21 -5.15	53.95 3.41 -4.43	52.45 3.74 -0.13	56.77 3.60 0.51	54.44 3.55 0.60	50.66 3.76 0.15	48.80 3.55 -0.33	45.57 3.27 -0.42	44.96 3.10 -2.62	41.80 2.60 -1.03

CHESTROR_138KV_BK263 355645	45.74 1.29 0.00	42.00 1.06 0.00	35.77 0.84 0.00	35.17 0.86 0.00	35.86 0.98 0.00	38.95 1.13 0.00	47.84 1.66 0.00	51.54 1.93 0.00	45.36 1.87 3.23	41.00 1.88 6.68	39.80 1.83 7.80	40.54 1.85 7.67	37.94 1.84 8.88	40.62 1.93 7.38	38.36 1.98 7.63	41.53 2.12 6.70	50.30 2.38 0.66	56.10 2.42 0.00	53.86 2.37 0.00	49.21 2.45 0.29	46.42 2.25 0.74	43.31 2.01 0.58	37.46 1.84 3.63	38.24 1.49 1.43
CH_MIDHUDSON___DRP 24192	46.40 1.96 0.00	42.61 1.68 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.39 1.50 0.00	39.51 1.70 0.00	48.53 2.35 0.00	52.28 2.68 0.00	50.14 2.85 -0.58	49.85 2.84 -1.20	49.96 2.79 -1.41	50.53 2.78 -1.38	49.28 2.70 -1.60	50.25 2.86 -1.33	48.25 2.86 -1.38	50.40 3.09 -1.21	52.09 3.40 -0.12	57.18 3.49 0.00	54.88 3.40 0.00	50.54 3.43 -0.05	48.25 3.19 -0.13	44.88 2.89 -0.10	42.53 2.63 -0.65	40.69 2.25 -0.26
CH_MISC_IPPS 23765	46.58 2.13 0.00	42.82 1.88 0.00	36.40 1.47 0.00	35.82 1.51 0.00	36.49 1.61 0.00	39.74 1.93 0.00	48.76 2.58 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.89 0.00	49.19 2.83 0.00	47.82 2.84 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.54 0.00	57.39 3.70 0.00	55.04 3.55 0.00	50.63 3.57 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00
CH_RES_BVR_FALLS 23983	44.71 0.27 0.00	41.22 0.29 0.00	35.18 0.25 0.00	34.56 0.24 0.00	35.10 0.21 0.00	38.00 0.19 0.00	46.36 0.19 0.00	49.55 -0.05 0.00	46.62 -0.09 0.00	45.58 -0.23 0.00	45.49 -0.27 0.00	46.04 -0.32 0.00	44.58 -0.41 0.00	45.56 -0.51 0.00	43.39 -0.62 0.00	45.41 -0.69 0.00	47.80 -0.78 0.00	52.83 -0.86 0.00	50.66 -0.83 0.00	46.30 -0.75 0.00	44.29 -0.63 0.00	41.21 -0.67 0.00	38.66 -0.59 0.00	37.64 -0.53 0.00
CH_RES_NIAGARA 23895	40.98 -3.47 0.00	37.78 -3.15 0.00	32.66 -2.27 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	35.05 -2.76 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.35 -6.34 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
CH_RES_SYRACUSE 23985	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.22 -0.66 0.00	37.13 -0.68 0.00	45.43 -0.74 0.00	48.95 -0.65 0.00	45.96 -0.75 0.00	45.21 -0.60 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.05 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.61 -0.57 0.00
CLINTON_WT_PWR 323605	45.74 1.29 0.00	42.24 1.31 0.00	36.02 1.08 0.00	35.34 1.03 0.00	35.97 1.08 0.00	38.87 1.06 0.00	47.47 1.29 0.00	50.39 0.79 0.00	47.46 0.75 0.00	46.26 0.46 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.30 0.32 0.00	46.20 0.14 0.00	43.79 -0.22 0.00	45.69 -0.42 0.00	48.14 -0.44 0.00	53.42 -0.27 0.00	51.38 -0.10 0.00	46.82 -0.23 0.00	44.92 0.00 0.00	41.50 -0.38 0.00	39.01 -0.23 0.00	38.06 -0.11 0.00
CLINTON___LFGE 323618	46.40 1.95 0.00	42.86 1.92 0.00	36.54 1.61 0.00	35.86 1.55 0.00	36.49 1.61 0.00	39.47 1.66 0.00	48.35 2.17 0.00	51.14 1.54 0.00	48.21 1.49 0.00	46.95 1.15 0.00	46.91 1.14 0.00	47.52 1.16 0.00	46.02 1.04 0.00	46.94 0.87 0.00	44.45 0.44 0.00	46.43 0.33 0.00	48.96 0.39 0.00	54.38 0.70 0.00	52.31 0.82 0.00	47.52 0.47 0.00	45.68 0.76 0.00	42.05 0.17 0.00	39.52 0.28 0.00	38.56 0.38 0.00
COBBLENY_34_KV_TB1 80064	43.20 -1.24 0.00	39.70 -1.23 0.00	34.30 -0.63 0.00	33.49 -0.82 0.00	34.02 -0.87 0.00	36.90 -0.91 0.00	44.37 -1.80 0.00	47.07 -2.53 0.00	43.58 -3.13 0.00	42.73 -3.07 0.00	43.11 -2.65 0.00	43.49 -2.87 0.00	42.33 -2.65 0.00	43.44 -2.63 0.00	41.19 -2.82 0.00	43.01 -3.09 0.00	44.98 -3.59 0.00	50.25 -3.44 0.00	48.29 -3.19 0.00	43.10 -3.95 0.00	40.97 -3.95 0.00	38.99 -2.89 0.00	36.81 -2.43 0.00	36.92 -1.26 0.00
COFFEEN___115KV_TB3 355620	44.76 0.31 0.00	41.26 0.33 0.00	35.18 0.24 0.00	34.59 0.27 0.00	35.17 0.28 0.00	37.96 0.15 0.00	46.54 0.37 0.00	50.15 0.55 0.00	47.60 0.89 0.00	46.40 0.60 0.00	46.73 0.96 0.00	47.19 0.83 0.00	45.84 0.85 0.00	46.80 0.74 0.00	44.27 0.26 0.00	46.43 0.32 0.00	48.96 0.39 0.00	54.60 0.91 0.00	51.95 0.46 0.00	47.33 0.28 0.00	45.10 0.18 0.00	41.80 -0.08 0.00	38.81 -0.43 0.00	38.06 -0.11 0.00
COLDSPRG_115KV_BK1 355956	44.62 0.18 0.00	40.93 0.00 0.00	35.28 0.35 0.00	34.45 0.14 0.00	34.99 0.10 0.00	38.11 0.30 0.00	45.99 -0.18 0.00	49.06 -0.55 0.00	45.50 -1.21 0.00	44.57 -1.24 0.00	44.94 -0.82 0.00	45.34 -1.02 0.00	44.13 -0.85 0.00	45.33 -0.74 0.00	42.95 -1.06 0.00	44.86 -1.24 0.00	46.68 -1.89 0.00	52.35 -1.34 0.00	50.25 -1.24 0.00	44.84 -2.21 0.00	42.68 -2.25 0.00	40.41 -1.47 0.00	38.11 -1.14 0.00	38.06 -0.11 0.00
COLONIE_LFGE___ 323577	46.23 1.78 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.62 1.30 0.00	36.18 1.29 0.00	39.25 1.44 0.00	48.02 1.85 0.00	51.68 2.08 0.00	49.35 2.10 -0.53	48.91 2.01 -1.10	49.01 1.97 -1.28	49.61 1.99 -1.26	48.37 1.93 -1.46	49.30 2.02 -1.21	47.25 1.98 -1.25	49.37 2.17 -1.10	50.92 2.24 -0.11	56.16 2.47 0.00	53.86 2.37 0.00	49.40 2.30 -0.05	47.24 2.20 -0.12	43.94 1.97 -0.10	41.69 1.84 -0.60	40.09 1.68 -0.23
COOPERNY_115KV_TB1 80082	45.29 0.84 0.00	41.63 0.70 0.00	35.53 0.59 0.00	34.93 0.62 0.00	35.59 0.70 0.00	38.61 0.79 0.00	47.28 1.11 0.00	50.94 1.34 0.00	46.04 1.26 1.94	43.08 1.28 4.01	42.37 1.28 4.68	43.05 1.30 4.61	40.95 1.30 5.34	42.97 1.34 4.43	40.84 1.41 4.58	43.56 1.48 4.02	49.78 1.60 0.40	55.35 1.66 0.00	53.13 1.65 0.00	48.52 1.65 0.17	46.00 1.53 0.45	42.91 1.38 0.35	38.36 1.30 2.18	38.35 1.03 0.86
COPENHAGEN_WT_PWR 323753	44.45 0.00 0.00	40.93 0.00 0.00	34.90 -0.03 0.00	34.32 0.00 0.00	34.89 0.00 0.00	37.62 -0.19 0.00	46.13 -0.05 0.00	49.75 0.15 0.00	47.18 0.47 0.00	46.03 0.23 0.00	46.32 0.55 0.00	46.82 0.46 0.00	45.43 0.45 0.00	46.43 0.37 0.00	43.97 -0.04 0.00	46.06 -0.05 0.00	48.53 -0.05 0.00	54.01 0.32 0.00	51.44 -0.05 0.00	46.86 -0.19 0.00	44.65 -0.27 0.00	41.46 -0.42 0.00	38.58 -0.67 0.00	37.80 -0.38 0.00
CORNELL_____ 23752	44.94 0.49 0.00	41.26 0.33 0.00	35.28 0.35 0.00	34.59 0.27 0.00	35.20 0.31 0.00	38.23 0.42 0.00	46.87 0.69 0.00	50.34 0.74 0.00	47.13 0.42 0.00	46.31 0.50 0.00	46.36 0.59 0.00	46.87 0.51 0.00	45.48 0.49 0.00	46.57 0.51 0.00	44.41 0.40 0.00	46.56 0.46 0.00	49.11 0.53 0.00	54.71 1.02 0.00	52.52 1.03 0.00	47.76 0.71 0.00	45.42 0.49 0.00	42.47 0.59 0.00	39.56 0.31 0.00	38.60 0.42 0.00

CORONA V_69_KV_TB1 355595	47.03 2.58 0.00	42.82 1.88 0.00	35.95 1.01 0.00	35.38 1.06 0.00	36.64 1.74 0.00	39.93 2.12 0.00	49.81 3.00 -0.63	56.26 3.37 -3.28	54.57 3.55 -4.31	53.99 3.39 -4.80	54.86 3.48 -5.62	59.63 3.52 -9.74	66.64 3.46 -18.20	66.63 3.64 -16.93	68.52 3.65 -20.85	70.89 3.87 -20.91	73.20 4.18 -20.45	78.34 4.30 -20.35	73.46 4.22 -17.75	69.61 4.23 -18.32	67.55 4.00 -18.63	57.35 3.64 -11.83	47.43 3.41 -4.78	43.42 2.98 -2.26
CORTLAND_115KV_TB3 80093	44.58 0.13 0.00	40.93 0.00 0.00	35.00 0.07 0.00	34.32 0.00 0.00	34.92 0.03 0.00	37.89 0.08 0.00	46.41 0.23 0.00	49.95 0.35 0.00	46.85 0.14 0.00	45.99 0.18 0.00	46.09 0.32 0.00	46.64 0.28 0.00	45.25 0.27 0.00	46.39 0.32 0.00	44.23 0.22 0.00	46.33 0.23 0.00	48.82 0.24 0.00	54.12 0.43 0.00	51.95 0.46 0.00	47.29 0.24 0.00	45.01 0.09 0.00	42.09 0.21 0.00	39.24 0.00 0.00	38.33 0.15 0.00
COXSACKIE__GT 23611	47.51 3.06 0.00	43.75 2.82 0.00	37.17 2.24 0.00	36.48 2.16 0.00	36.95 2.06 0.00	39.93 2.12 0.00	49.13 2.96 0.00	52.63 3.03 0.00	49.81 2.80 -0.30	48.80 2.38 -0.61	48.72 2.24 -0.72	49.20 2.13 -0.70	47.82 2.03 -0.82	48.95 2.21 -0.68	46.95 2.24 -0.70	49.58 2.86 -0.62	51.89 3.25 -0.06	57.56 3.87 0.00	55.04 3.55 0.00	50.37 3.29 -0.03	47.95 2.96 -0.07	44.62 2.68 -0.05	42.09 2.51 -0.33	40.64 2.33 -0.13
CPV_VALLEY__CC1 323721	45.42 0.98 0.00	41.75 0.82 0.00	35.56 0.63 0.00	35.00 0.69 0.00	35.65 0.77 0.00	38.76 0.95 0.00	47.47 1.29 0.00	51.09 1.49 0.00	45.36 1.40 2.75	41.57 1.47 5.70	40.58 1.46 6.65	41.25 1.44 6.55	38.84 1.44 7.58	41.29 1.52 6.29	39.13 1.63 6.51	42.09 1.71 5.72	49.86 1.85 0.56	55.57 1.88 0.00	53.34 1.85 0.00	48.73 1.93 0.25	46.09 1.80 0.64	42.98 1.59 0.50	37.64 1.49 3.10	38.14 1.18 1.22
CPV_VALLEY__CC2 323722	45.42 0.98 0.00	41.75 0.82 0.00	35.56 0.63 0.00	35.00 0.69 0.00	35.65 0.77 0.00	38.76 0.95 0.00	47.47 1.29 0.00	51.09 1.49 0.00	45.36 1.40 2.75	41.57 1.47 5.70	40.58 1.46 6.65	41.25 1.44 6.55	38.84 1.44 7.58	41.29 1.52 6.29	39.13 1.63 6.51	42.09 1.71 5.72	49.86 1.85 0.56	55.57 1.88 0.00	53.34 1.85 0.00	48.73 1.93 0.25	46.09 1.80 0.64	42.98 1.59 0.50	37.64 1.49 3.10	38.14 1.18 1.22
CRESCENT__HYD 24018	46.23 1.78 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.62 1.30 0.00	36.18 1.29 0.00	39.25 1.44 0.00	48.02 1.85 0.00	51.68 2.08 0.00	49.35 2.10 -0.53	48.91 2.01 -1.10	49.01 1.97 -1.28	49.61 1.99 -1.26	48.37 1.93 -1.46	49.30 2.02 -1.21	47.25 1.98 -1.25	49.37 2.17 -1.10	50.92 2.24 -0.11	56.16 2.47 0.00	53.86 2.37 0.00	49.40 2.30 -0.05	47.24 2.20 -0.12	43.94 1.97 -0.10	41.69 1.84 -0.60	40.09 1.68 -0.23
CRICKET__VALLEY_CC1 323756	46.13 1.69 0.00	42.49 1.56 0.00	36.19 1.26 0.00	35.59 1.27 0.00	36.25 1.36 0.00	39.40 1.59 0.00	48.16 1.98 0.00	51.78 2.18 0.00	50.63 2.38 -1.54	51.42 2.43 -3.19	51.78 2.29 -3.72	52.25 2.23 -3.66	51.43 2.20 -4.24	51.89 2.30 -3.52	50.03 2.37 -3.64	51.79 2.49 -3.20	51.61 2.72 -0.31	56.43 2.74 0.00	54.16 2.68 0.00	49.96 2.78 -0.14	47.88 2.60 -0.36	44.54 2.39 -0.28	43.21 2.24 -1.73	40.73 1.87 -0.68
CRICKET__VALLEY_CC2 323757	46.13 1.69 0.00	42.49 1.56 0.00	36.19 1.26 0.00	35.59 1.27 0.00	36.25 1.36 0.00	39.40 1.59 0.00	48.16 1.98 0.00	51.78 2.18 0.00	50.63 2.38 -1.54	51.42 2.43 -3.19	51.78 2.29 -3.72	52.25 2.23 -3.66	51.43 2.20 -4.24	51.89 2.30 -3.52	50.03 2.37 -3.64	51.79 2.49 -3.20	51.61 2.72 -0.31	56.43 2.74 0.00	54.16 2.68 0.00	49.96 2.78 -0.14	47.88 2.60 -0.36	44.54 2.39 -0.28	43.21 2.24 -1.73	40.73 1.87 -0.68
CRICKET__VALLEY_CC3 323758	46.13 1.69 0.00	42.49 1.56 0.00	36.19 1.26 0.00	35.59 1.27 0.00	36.25 1.36 0.00	39.40 1.59 0.00	48.16 1.98 0.00	51.78 2.18 0.00	50.63 2.38 -1.54	51.42 2.43 -3.19	51.78 2.29 -3.72	52.25 2.23 -3.66	51.43 2.20 -4.24	51.89 2.30 -3.52	50.03 2.37 -3.64	51.79 2.49 -3.20	51.61 2.72 -0.31	56.43 2.74 0.00	54.16 2.68 0.00	49.96 2.78 -0.14	47.88 2.60 -0.36	44.54 2.39 -0.28	43.21 2.24 -1.73	40.73 1.87 -0.68
CRUCIBLE_METL_DRP 24180	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
DAHOWA__HYDRO 323763	46.76 2.31 0.00	42.86 1.92 0.00	36.47 1.54 0.00	35.82 1.51 0.00	36.42 1.53 0.00	39.59 1.78 0.00	48.71 2.54 0.00	52.53 2.93 0.00	50.02 2.80 -0.50	49.54 2.70 -1.04	49.54 2.56 -1.21	50.24 2.69 -1.20	48.97 2.61 -1.38	49.93 2.72 -1.15	47.79 2.60 -1.19	50.10 2.95 -1.04	51.54 2.87 -0.10	57.02 3.33 0.00	54.73 3.25 0.00	50.11 3.01 -0.05	47.96 2.92 -0.12	44.53 2.56 -0.09	42.05 2.24 -0.57	40.38 1.98 -0.22
DANC__LFGE 323619	43.96 -0.49 0.00	40.44 -0.49 0.00	34.51 -0.42 0.00	33.91 -0.41 0.00	34.47 -0.42 0.00	37.25 -0.57 0.00	45.62 -0.55 0.00	49.15 -0.45 0.00	46.48 -0.23 0.00	45.48 -0.32 0.00	45.67 -0.09 0.00	46.22 -0.14 0.00	44.85 -0.13 0.00	45.88 -0.18 0.00	43.57 -0.44 0.00	45.60 -0.51 0.00	48.04 -0.53 0.00	53.32 -0.37 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.25 -0.67 0.00	41.21 -0.67 0.00	38.38 -0.86 0.00	37.53 -0.65 0.00
DANSKAMMER__1 23586	46.58 2.13 0.00	42.82 1.88 0.00	36.40 1.47 0.00	35.82 1.51 0.00	36.49 1.61 0.00	39.74 1.93 0.00	48.76 2.58 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.89 0.00	49.19 2.83 0.00	47.82 2.84 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.54 0.00	57.39 3.70 0.00	55.04 3.55 0.00	50.63 3.57 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00
DANSKAMMER__2 23589	46.58 2.13 0.00	42.82 1.88 0.00	36.40 1.47 0.00	35.82 1.51 0.00	36.49 1.61 0.00	39.74 1.93 0.00	48.76 2.58 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.89 0.00	49.19 2.83 0.00	47.82 2.84 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.54 0.00	57.39 3.70 0.00	55.04 3.55 0.00	50.63 3.57 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00
DANSKAMMER__3 23590	46.58 2.13 0.00	42.82 1.88 0.00	36.40 1.47 0.00	35.82 1.51 0.00	36.49 1.61 0.00	39.74 1.93 0.00	48.76 2.58 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.89 0.00	49.19 2.83 0.00	47.82 2.84 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.54 0.00	57.39 3.70 0.00	55.04 3.55 0.00	50.63 3.57 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00

DANSKAMMER___4 23591	46.58 2.13 0.00	42.82 1.88 0.00	36.40 1.47 0.00	35.82 1.51 0.00	36.49 1.61 0.00	39.74 1.93 0.00	48.76 2.58 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.89 0.00	49.19 2.83 0.00	47.82 2.84 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.54 0.00	57.39 3.70 0.00	55.04 3.55 0.00	50.63 3.57 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00
DANSKAMMER___DIESEL 23592	46.54 2.09 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.63 1.81 0.00	48.71 2.54 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.69 2.89 0.00	48.65 2.88 0.00	49.23 2.87 0.00	47.82 2.83 0.00	49.01 2.95 0.00	47.00 2.99 0.00	49.33 3.23 0.00	52.12 3.55 0.00	57.39 3.70 0.00	55.09 3.60 0.00	50.63 3.58 0.00	48.20 3.28 0.00	44.85 2.97 0.00	41.95 2.71 0.00	40.47 2.29 0.00
DARBY___SOLAR 323810	46.62 2.18 0.00	42.78 1.84 0.00	36.40 1.47 0.00	35.76 1.44 0.00	36.35 1.47 0.00	39.51 1.70 0.00	48.53 2.35 0.00	52.33 2.73 0.00	49.83 2.61 -0.51	49.37 2.52 -1.05	49.37 2.38 -1.23	50.07 2.50 -1.21	48.81 2.43 -1.40	49.76 2.53 -1.16	47.67 2.46 -1.20	49.92 2.77 -1.05	51.40 2.72 -0.10	56.80 3.11 0.00	54.52 3.04 0.00	49.92 2.82 -0.05	47.78 2.74 -0.12	44.40 2.43 -0.09	41.97 2.16 -0.57	40.31 1.91 -0.22
DASHVILLE___HYD 23610	46.80 2.36 0.00	42.98 2.05 0.00	36.57 1.64 0.00	35.93 1.61 0.00	36.70 1.81 0.00	39.89 2.08 0.00	49.13 2.96 0.00	52.78 3.17 0.00	49.69 3.22 0.25	48.40 3.11 0.51	48.23 3.07 0.60	48.78 3.01 0.59	47.22 2.92 0.68	48.63 3.13 0.57	46.59 3.17 0.59	49.09 3.50 0.52	52.51 3.98 0.05	57.93 4.24 0.00	55.50 4.02 0.00	51.03 4.00 0.02	48.50 3.64 0.06	45.14 3.31 0.04	41.91 2.94 0.28	40.59 2.52 0.11
DEERFIELD_69_KV_DEERFIELD LD 355887	48.62 4.18 0.00	44.04 3.11 0.00	36.75 1.82 0.00	36.20 1.89 0.00	37.78 2.90 0.00	41.29 3.48 0.00	51.74 4.94 -0.63	58.49 5.60 -3.28	56.49 5.47 -4.31	55.64 5.04 -4.80	56.60 5.22 -5.62	61.48 5.38 -9.74	68.40 5.22 -18.20	68.38 5.39 -16.93	70.28 5.41 -20.85	72.82 5.81 -20.91	75.34 6.31 -20.45	80.81 6.76 -20.35	75.83 6.59 -17.75	71.63 6.26 -18.32	69.39 5.84 -18.63	59.03 5.32 -11.83	49.00 4.98 -4.78	44.87 4.43 -2.26
DELAWARE___LFGE 323621	45.42 0.98 0.00	41.79 0.86 0.00	35.63 0.70 0.00	35.04 0.72 0.00	35.66 0.77 0.00	38.68 0.87 0.00	47.38 1.20 0.00	50.99 1.39 0.00	47.78 1.35 0.29	46.63 1.42 0.60	46.53 1.46 0.70	47.16 1.48 0.69	45.67 1.48 0.80	46.92 1.52 0.66	44.78 1.45 0.68	47.07 1.57 0.60	50.17 1.65 0.06	55.46 1.77 0.00	53.19 1.70 0.00	48.58 1.55 0.03	46.29 1.44 0.07	43.13 1.30 0.05	40.06 1.14 0.33	39.12 1.07 0.13
DERFIELD_115KV_TB7 355931	44.53 0.09 0.00	41.01 0.08 0.00	35.00 0.07 0.00	34.38 0.07 0.00	34.96 0.07 0.00	37.89 0.08 0.00	46.27 0.09 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.99 0.18 0.00	45.95 0.18 0.00	46.55 0.19 0.00	45.16 0.18 0.00	46.25 0.18 0.00	44.19 0.18 0.00	46.29 0.18 0.00	48.77 0.19 0.00	53.85 0.16 0.00	51.64 0.15 0.00	47.24 0.19 0.00	45.10 0.18 0.00	42.05 0.17 0.00	39.40 0.16 0.00	38.29 0.11 0.00
DOGLEVILLE___HYD 23807	46.18 1.73 0.00	42.57 1.64 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.32 1.43 0.00	39.36 1.55 0.00	47.97 1.80 0.00	51.38 1.78 0.00	48.30 1.59 0.00	47.27 1.47 0.00	47.14 1.37 0.00	47.66 1.30 0.00	46.29 1.31 0.00	47.31 1.24 0.00	45.20 1.19 0.00	47.30 1.20 0.00	49.79 1.21 0.00	55.14 1.45 0.00	52.88 1.39 0.00	48.42 1.37 0.00	46.23 1.30 0.00	43.22 1.34 0.00	40.50 1.26 0.00	39.44 1.26 0.00
DUNKIRK___115KV_TB_200 55889	43.29 -1.16 0.00	39.75 -1.19 0.00	34.34 -0.59 0.00	33.49 -0.82 0.00	34.02 -0.87 0.00	37.17 -0.64 0.00	44.70 -1.48 0.00	47.52 -2.08 0.00	44.00 -2.71 0.00	43.10 -2.70 0.00	43.52 -2.24 0.00	43.90 -2.46 0.00	42.78 -2.20 0.00	43.85 -2.21 0.00	41.59 -2.42 0.00	43.43 -2.67 0.00	45.03 -3.55 0.00	50.31 -3.38 0.00	48.35 -3.14 0.00	43.15 -3.91 0.00	41.06 -3.86 0.00	39.03 -2.85 0.00	36.85 -2.39 0.00	36.96 -1.22 0.00
DUNKIRK___1 23563	43.29 -1.16 0.00	39.75 -1.19 0.00	34.34 -0.59 0.00	33.49 -0.82 0.00	34.02 -0.87 0.00	37.17 -0.64 0.00	44.70 -1.48 0.00	47.52 -2.08 0.00	44.00 -2.71 0.00	43.10 -2.70 0.00	43.52 -2.24 0.00	43.90 -2.46 0.00	42.78 -2.20 0.00	43.85 -2.21 0.00	41.59 -2.42 0.00	43.43 -2.67 0.00	45.03 -3.55 0.00	50.31 -3.38 0.00	48.35 -3.14 0.00	43.15 -3.91 0.00	41.06 -3.86 0.00	39.03 -2.85 0.00	36.85 -2.39 0.00	36.96 -1.22 0.00
DUNKIRK___2 23564	43.29 -1.16 0.00	39.75 -1.19 0.00	34.34 -0.59 0.00	33.49 -0.82 0.00	34.02 -0.87 0.00	37.17 -0.64 0.00	44.70 -1.48 0.00	47.52 -2.08 0.00	44.00 -2.71 0.00	43.10 -2.70 0.00	43.52 -2.24 0.00	43.90 -2.46 0.00	42.78 -2.20 0.00	43.85 -2.21 0.00	41.59 -2.42 0.00	43.43 -2.67 0.00	45.03 -3.55 0.00	50.31 -3.38 0.00	48.35 -3.14 0.00	43.15 -3.91 0.00	41.06 -3.86 0.00	39.03 -2.85 0.00	36.85 -2.39 0.00	36.96 -1.22 0.00
DUNKIRK___3 23565	43.20 -1.24 0.00	39.66 -1.27 0.00	34.27 -0.66 0.00	33.42 -0.89 0.00	33.95 -0.94 0.00	36.90 -0.91 0.00	44.37 -1.80 0.00	47.12 -2.48 0.00	43.58 -3.13 0.00	42.78 -3.02 0.00	43.11 -2.65 0.00	43.49 -2.87 0.00	42.37 -2.61 0.00	43.44 -2.63 0.00	41.24 -2.77 0.00	43.06 -3.04 0.00	44.93 -3.64 0.00	50.25 -3.44 0.00	48.24 -3.24 0.00	43.05 -4.00 0.00	40.97 -3.95 0.00	38.95 -2.93 0.00	36.77 -2.47 0.00	36.88 -1.30 0.00
DUNKIRK___4 23566	43.20 -1.24 0.00	39.66 -1.27 0.00	34.27 -0.66 0.00	33.42 -0.89 0.00	33.95 -0.94 0.00	36.90 -0.91 0.00	44.37 -1.80 0.00	47.12 -2.48 0.00	43.58 -3.13 0.00	42.78 -3.02 0.00	43.11 -2.65 0.00	43.49 -2.87 0.00	42.37 -2.61 0.00	43.44 -2.63 0.00	41.24 -2.77 0.00	43.06 -3.04 0.00	44.93 -3.64 0.00	50.25 -3.44 0.00	48.24 -3.24 0.00	43.05 -4.00 0.00	40.97 -3.95 0.00	38.95 -2.93 0.00	36.77 -2.47 0.00	36.88 -1.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.84 2.80 -2.33	53.41 2.79 -4.82	54.18 2.79 -5.62	54.68 2.78 -5.53	54.18 2.79 -6.41	54.28 2.90 -5.32	52.46 2.95 -5.50	54.02 3.09 -4.83	52.45 3.40 -0.48	57.07 3.38 0.00	54.83 3.35 0.00	50.70 3.43 -0.21	48.69 3.23 -0.54	45.23 2.93 -0.42	44.61 2.75 -2.62	41.50 2.29 -1.03
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.14 1.69 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.18 1.29 0.00	39.29 1.47 0.00	48.30 2.12 0.00	51.98 2.38 0.00	47.75 2.34 1.30	45.45 2.34 2.69	44.96 2.33 3.14	45.58 2.32 3.09	43.65 2.25 3.58	45.48 2.40 2.98	43.40 2.46 3.08	46.03 2.63 2.70	51.27 2.96 0.27	56.75 3.06 0.00	54.42 2.93 0.00	49.94 3.01 0.12	47.36 2.74 0.30	44.12 2.47 0.23	40.02 2.24 1.46	39.47 1.87 0.58

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.31 1.87 0.00	42.41 1.47 0.00	36.19 1.26 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.29 1.47 0.00	48.34 2.17 0.00	51.78 2.18 0.00	51.51 2.48 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.85 2.47 -6.40	53.96 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.30 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.69 3.23 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	41.96 2.75 -1.04
E179THST_13_KV_LOAD 356214	46.49 2.04 0.00	42.53 1.60 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.49 1.60 0.00	39.44 1.63 0.00	48.53 2.35 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.12 3.44 0.00	54.83 3.35 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.78 3.48 -0.43	45.20 3.34 -2.62	42.12 2.90 -1.04
EAST HAMPTON___GT 23717	48.76 4.31 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.48 2.16 0.00	37.75 2.86 0.00	41.78 3.97 0.00	52.29 5.49 -0.63	59.08 6.20 -3.28	57.00 5.98 -4.31	56.14 5.54 -4.80	57.06 5.67 -5.62	61.95 5.84 -9.74	68.85 5.67 -18.20	68.80 5.80 -16.93	70.72 5.85 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.40 7.36 -20.35	76.34 7.11 -17.75	72.15 6.78 -18.32	69.89 6.34 -18.63	59.45 5.74 -11.83	49.31 5.30 -4.77	45.17 4.73 -2.26
EAST RIVER___6 23660	46.04 1.69 0.10	42.36 1.43 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.18 1.29 0.00	39.40 1.59 0.00	48.08 2.17 0.27	51.77 2.58 0.41	51.53 2.90 -1.92	53.10 2.93 -4.37	53.71 2.89 -5.06	54.17 2.88 -4.93	53.70 2.88 -5.84	53.96 2.99 -4.90	52.24 3.08 -5.15	53.76 3.23 -4.43	52.25 3.54 -0.13	56.56 3.38 0.51	54.18 3.30 0.60	50.52 3.62 0.15	48.62 3.37 -0.33	45.40 3.10 -0.42	44.77 2.90 -2.62	41.61 2.41 -1.03
EAST RIVER___7 23524	46.04 1.69 0.10	42.36 1.43 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.18 1.29 0.00	39.40 1.59 0.00	48.08 2.17 0.27	51.77 2.58 0.41	51.53 2.90 -1.92	53.10 2.93 -4.37	53.71 2.89 -5.06	54.17 2.88 -4.93	53.70 2.88 -5.84	53.96 2.99 -4.90	52.24 3.08 -5.15	53.76 3.23 -4.43	52.25 3.54 -0.13	56.56 3.38 0.51	54.18 3.30 0.60	50.52 3.62 0.15	48.62 3.37 -0.33	45.40 3.10 -0.42	44.77 2.90 -2.62	41.61 2.41 -1.03
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.18 1.73 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.21 1.33 0.00	39.32 1.51 0.00	48.30 2.12 0.00	52.03 2.43 0.00	51.77 2.66 -2.39	53.46 2.70 -4.95	54.20 2.65 -5.78	54.69 2.64 -5.69	54.18 2.61 -6.59	54.30 2.76 -5.47	52.44 2.77 -5.66	54.02 2.95 -4.97	52.27 3.21 -0.49	56.91 3.22 0.00	54.68 3.19 0.00	50.56 3.29 -0.22	48.53 3.05 -0.55	45.12 2.81 -0.43	44.57 2.63 -2.69	41.41 2.18 -1.06
EAST_HAMPTON___DIESEL 23722	48.76 4.31 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.44 2.13 0.00	37.75 2.86 0.00	41.78 3.97 0.00	52.29 5.49 -0.63	59.08 6.20 -3.28	57.00 5.98 -4.31	56.14 5.54 -4.80	57.06 5.67 -5.62	61.95 5.84 -9.74	68.85 5.67 -18.20	68.80 5.80 -16.93	70.72 5.85 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.40 7.36 -20.35	76.34 7.11 -17.75	72.10 6.73 -18.32	69.89 6.34 -18.63	59.40 5.69 -11.83	49.31 5.30 -4.77	45.17 4.73 -2.26
EAST_POINT___SOLAR 323840	47.20 2.76 0.00	43.26 2.33 0.00	36.78 1.85 0.00	36.10 1.78 0.00	36.74 1.85 0.00	40.12 2.31 0.00	49.59 3.42 0.00	53.57 3.97 0.00	50.43 3.37 -0.35	49.09 2.56 -0.73	49.04 2.42 -0.85	49.74 2.55 -0.83	48.28 2.34 -0.97	49.72 2.86 -0.80	47.35 2.51 -0.83	50.20 3.36 -0.73	52.24 3.59 -0.07	58.04 4.35 0.00	55.76 4.27 0.00	50.94 3.86 -0.03	48.73 3.73 -0.08	45.30 3.35 -0.06	42.39 2.75 -0.39	40.78 2.45 -0.16
EAST_PULASKI___ESR 323781	43.51 -0.94 0.00	40.03 -0.90 0.00	34.16 -0.77 0.00	33.56 -0.76 0.00	34.12 -0.77 0.00	36.94 -0.87 0.00	45.20 -0.97 0.00	48.66 -0.94 0.00	45.82 -0.89 0.00	45.02 -0.78 0.00	45.13 -0.64 0.00	45.67 -0.69 0.00	44.35 -0.63 0.00	45.37 -0.69 0.00	43.22 -0.79 0.00	45.23 -0.88 0.00	47.65 -0.92 0.00	52.78 -0.91 0.00	50.56 -0.93 0.00	46.06 -0.99 0.00	43.89 -1.03 0.00	41.00 -0.88 0.00	38.26 -0.98 0.00	37.34 -0.84 0.00
EAST_RIVER___1 323558	46.17 1.82 0.10	42.49 1.56 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.28 1.40 0.00	39.51 1.70 0.00	48.17 2.26 0.27	51.82 2.63 0.41	51.58 2.94 -1.92	53.10 2.93 -4.37	53.71 2.89 -5.06	54.17 2.88 -4.93	53.70 2.88 -5.84	53.96 2.99 -4.90	52.24 3.08 -5.15	53.76 3.23 -4.43	52.25 3.54 -0.13	56.62 3.44 0.51	54.23 3.34 0.60	50.52 3.62 0.15	48.66 3.41 -0.33	45.44 3.14 -0.42	44.84 2.98 -2.62	41.73 2.52 -1.03
EAST_RIVER___2 323559	46.04 1.69 0.10	42.36 1.43 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.18 1.29 0.00	39.40 1.59 0.00	48.08 2.17 0.27	51.77 2.58 0.41	51.53 2.90 -1.92	53.10 2.93 -4.37	53.71 2.89 -5.06	54.17 2.88 -4.93	53.70 2.88 -5.84	53.96 2.99 -4.90	52.24 3.08 -5.15	53.76 3.23 -4.43	52.25 3.54 -0.13	56.56 3.38 0.51	54.18 3.30 0.60	50.52 3.62 0.15	48.62 3.37 -0.33	45.40 3.10 -0.42	44.77 2.90 -2.62	41.61 2.41 -1.03
EAST___DELAWARE_HYD 23607	46.76 2.31 0.00	42.98 2.05 0.00	36.54 1.61 0.00	35.93 1.61 0.00	36.63 1.74 0.00	39.89 2.08 0.00	49.04 2.86 0.00	52.68 3.08 0.00	48.61 2.99 1.09	46.38 2.84 2.26	45.96 2.84 2.64	46.50 2.73 2.60	44.67 2.70 3.01	46.42 2.86 2.50	44.33 2.90 2.58	47.06 3.23 2.27	52.00 3.64 0.22	57.66 3.97 0.00	55.24 3.76 0.00	50.62 3.67 0.10	48.04 3.37 0.25	44.70 3.02 0.20	40.68 2.67 1.23	40.02 2.33 0.48
EIGHT_POINT___WT_PWR 323820	44.62 0.18 0.00	40.89 -0.04 0.00	35.18 0.25 0.00	34.42 0.10 0.00	34.96 0.07 0.00	37.77 -0.04 0.00	45.99 -0.18 0.00	49.30 -0.30 0.00	45.64 -1.07 0.00	44.70 -1.10 0.00	44.76 -1.01 0.00	44.83 -1.53 0.00	43.63 -1.35 0.00	44.68 -1.38 0.00	42.73 -1.28 0.00	44.90 -1.20 0.00	47.17 -1.41 0.00	52.67 -1.02 0.00	50.61 -0.88 0.00	45.50 -1.55 0.00	43.17 -1.75 0.00	40.66 -1.22 0.00	37.99 -1.26 0.00	37.72 -0.46 0.00
ELBRIDGE_115KV_TB2 80188	43.51 -0.93 0.00	39.99 -0.94 0.00	34.20 -0.73 0.00	33.53 -0.79 0.00	34.12 -0.77 0.00	37.02 -0.79 0.00	45.25 -0.92 0.00	48.71 -0.89 0.00	45.73 -0.98 0.00	44.93 -0.87 0.00	44.99 -0.78 0.00	45.57 -0.79 0.00	44.26 -0.72 0.00	45.33 -0.74 0.00	43.22 -0.79 0.00	45.27 -0.83 0.00	47.65 -0.92 0.00	52.78 -0.91 0.00	50.66 -0.82 0.00	46.16 -0.89 0.00	43.93 -0.99 0.00	41.08 -0.80 0.00	38.38 -0.86 0.00	37.45 -0.73 0.00
ELEC_TRO_TEK 24086	46.71 2.27 0.00	42.57 1.64 0.00	35.77 0.84 0.00	35.21 0.89 0.00	36.46 1.57 0.00	39.70 1.89 0.00	49.53 2.72 -0.63	55.96 3.08 -3.28	54.29 3.27 -4.31	53.76 3.16 -4.80	54.59 3.20 -5.62	59.35 3.25 -9.74	66.37 3.19 -18.20	66.36 3.36 -16.93	68.21 3.34 -20.85	70.56 3.55 -20.91	72.91 3.89 -20.45	77.96 3.92 -20.35	73.10 3.86 -17.75	69.28 3.91 -18.32	67.24 3.68 -18.63	57.10 3.39 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26

ELLENBURG_WT_PWR 323604	45.74 1.29 0.00	42.24 1.31 0.00	36.02 1.08 0.00	35.34 1.03 0.00	35.97 1.08 0.00	38.87 1.06 0.00	47.47 1.29 0.00	50.39 0.79 0.00	47.46 0.75 0.00	46.26 0.46 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.30 0.32 0.00	46.20 0.14 0.00	43.79 -0.22 0.00	45.69 -0.42 0.00	48.14 -0.44 0.00	53.42 -0.27 0.00	51.38 -0.10 0.00	46.82 -0.23 0.00	44.92 0.00 0.00	41.50 -0.38 0.00	39.01 -0.23 0.00	38.06 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.53 -1.91 0.00	39.13 -1.80 0.00	33.81 -1.12 0.00	33.01 -1.30 0.00	33.49 -1.40 0.00	36.34 -1.47 0.00	43.68 -2.49 0.00	46.28 -3.32 0.00	42.79 -3.92 0.00	42.00 -3.80 0.00	42.33 -3.43 0.00	42.70 -3.66 0.00	41.61 -3.37 0.00	42.65 -3.41 0.00	40.49 -3.52 0.00	42.32 -3.78 0.00	44.20 -4.37 0.00	49.39 -4.30 0.00	47.42 -4.07 0.00	42.35 -4.71 0.00	40.29 -4.63 0.00	38.36 -3.52 0.00	36.26 -2.98 0.00	36.38 -1.79 0.00
EMPIRE_CC_1 323656	45.47 1.02 0.00	42.08 1.14 0.00	35.84 0.91 0.00	35.24 0.93 0.00	35.79 0.91 0.00	38.76 0.95 0.00	47.10 0.92 0.00	50.69 1.09 0.00	48.50 1.17 -0.62	48.27 1.19 -1.28	48.36 1.10 -1.50	48.95 1.11 -1.47	47.77 1.08 -1.71	48.63 1.15 -1.42	46.66 1.19 -1.47	48.68 1.29 -1.29	50.01 1.31 -0.13	54.98 1.29 0.00	52.77 1.29 0.00	48.52 1.41 -0.06	46.41 1.35 -0.14	43.21 1.22 -0.11	41.16 1.22 -0.70	39.56 1.11 -0.27
EMPIRE_CC_2 323658	45.47 1.02 0.00	42.08 1.14 0.00	35.84 0.91 0.00	35.24 0.93 0.00	35.79 0.91 0.00	38.76 0.95 0.00	47.10 0.92 0.00	50.69 1.09 0.00	48.50 1.17 -0.62	48.27 1.19 -1.28	48.36 1.10 -1.50	48.95 1.11 -1.47	47.77 1.08 -1.71	48.63 1.15 -1.42	46.66 1.19 -1.47	48.68 1.29 -1.29	50.01 1.31 -0.13	54.98 1.29 0.00	52.77 1.29 0.00	48.52 1.41 -0.06	46.41 1.35 -0.14	43.21 1.22 -0.11	41.16 1.22 -0.70	39.56 1.11 -0.27
ENORWICH_115KV_TB1 80156	47.29 2.84 0.00	43.51 2.58 0.00	37.17 2.24 0.00	36.55 2.23 0.00	37.19 2.30 0.00	40.35 2.53 0.00	49.55 3.37 0.00	55.65 6.05 0.00	52.25 5.79 0.26	51.00 5.73 0.53	51.19 6.04 0.62	51.87 6.12 0.61	50.84 6.57 0.70	52.20 6.73 0.59	49.61 6.21 0.61	52.26 6.69 0.53	55.76 7.24 0.05	58.14 4.46 0.00	55.61 4.12 0.00	50.51 3.48 0.02	48.01 3.14 0.06	44.64 2.81 0.05	41.19 2.24 0.29	40.47 2.41 0.11
ERIE_ST_34_KV_TB1-2 80199	43.87 -0.58 0.00	40.32 -0.61 0.00	34.83 -0.10 0.00	34.01 -0.31 0.00	34.50 -0.38 0.00	37.47 -0.34 0.00	45.11 -1.06 0.00	47.91 -1.69 0.00	44.38 -2.34 0.00	43.51 -2.29 0.00	43.89 -1.88 0.00	44.27 -2.09 0.00	43.14 -1.84 0.00	44.22 -2.02 0.00	41.99 -2.26 0.00	43.84 -2.82 0.00	45.81 -2.77 0.00	51.22 -2.47 0.00	49.22 -2.27 0.00	43.90 -3.15 0.00	41.78 -3.14 0.00	39.66 -2.22 0.00	37.44 -1.81 0.00	37.53 -0.65 0.00
ERIE_WT_PWR 323693	43.02 -1.42 0.00	39.46 -1.47 0.00	34.09 -0.84 0.00	33.39 -0.92 0.00	33.87 -1.01 0.00	36.45 -1.36 0.00	44.14 -2.03 0.00	46.87 -2.73 0.00	43.35 -3.36 0.00	42.60 -3.21 0.00	42.88 -2.88 0.00	43.25 -3.11 0.00	42.15 -2.83 0.00	43.21 -2.86 0.00	41.02 -2.99 0.00	42.83 -3.27 0.00	44.74 -3.84 0.00	50.09 -3.60 0.00	48.14 -3.35 0.00	42.86 -4.19 0.00	40.79 -4.13 0.00	38.82 -3.06 0.00	36.65 -2.59 0.00	36.80 -1.37 0.00
ESPRGFLD_115KV_TB1 80157	45.78 1.33 0.00	42.04 1.11 0.00	35.81 0.87 0.00	35.17 0.86 0.00	35.86 0.98 0.00	39.02 1.21 0.00	48.02 1.85 0.00	51.83 2.23 0.00	48.72 2.01 0.00	47.59 1.79 0.00	47.60 1.83 0.00	48.26 1.90 0.00	46.78 1.80 0.00	48.00 1.93 0.00	45.73 1.72 0.00	48.18 2.07 0.00	50.81 2.23 0.00	56.32 2.63 0.00	54.01 2.52 0.00	49.31 2.26 0.00	46.99 2.07 0.00	43.77 1.88 0.00	40.70 1.45 0.00	39.51 1.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.89 0.44 0.00	41.22 0.29 0.00	35.25 0.31 0.00	34.56 0.24 0.00	35.17 0.28 0.00	38.15 0.34 0.00	46.77 0.60 0.00	50.25 0.64 0.00	47.04 0.33 0.00	46.22 0.41 0.00	46.27 0.50 0.00	46.82 0.46 0.00	45.39 0.40 0.00	46.48 0.41 0.00	44.36 0.35 0.00	46.47 0.37 0.00	49.01 0.44 0.00	54.60 0.91 0.00	52.41 0.93 0.00	47.66 0.61 0.00	45.33 0.40 0.00	42.38 0.50 0.00	39.48 0.24 0.00	38.56 0.38 0.00
ETNA____115KV_TB2 80207	44.89 0.44 0.00	41.22 0.29 0.00	35.25 0.31 0.00	34.56 0.24 0.00	35.17 0.28 0.00	38.15 0.34 0.00	46.77 0.60 0.00	50.25 0.64 0.00	47.04 0.33 0.00	46.22 0.41 0.00	46.27 0.50 0.00	46.82 0.46 0.00	45.39 0.40 0.00	46.48 0.41 0.00	44.36 0.35 0.00	46.47 0.37 0.00	49.01 0.44 0.00	54.60 0.91 0.00	52.41 0.93 0.00	47.66 0.61 0.00	45.33 0.40 0.00	42.38 0.50 0.00	39.48 0.24 0.00	38.56 0.38 0.00
EUCLID____115KV_TB2 356179	43.20 -1.24 0.00	39.75 -1.19 0.00	33.95 -0.98 0.00	33.32 -1.00 0.00	33.88 -1.01 0.00	36.75 -1.06 0.00	44.88 -1.29 0.00	48.31 -1.29 0.00	45.36 -1.35 0.00	44.57 -1.24 0.00	44.62 -1.14 0.00	45.20 -1.16 0.00	43.90 -1.08 0.00	44.96 -1.11 0.00	42.91 -1.10 0.00	44.90 -1.20 0.00	47.31 -1.26 0.00	52.29 -1.40 0.00	50.20 -1.29 0.00	45.73 -1.32 0.00	43.57 -1.35 0.00	40.79 -1.09 0.00	38.11 -1.14 0.00	37.18 -0.99 0.00
E_CANADA_CAP_HY 24051	46.31 1.87 0.00	42.49 1.56 0.00	36.12 1.19 0.00	35.48 1.17 0.00	36.11 1.22 0.00	39.40 1.59 0.00	48.57 2.40 0.00	52.38 2.78 0.00	49.39 2.38 -0.30	48.39 1.97 -0.62	48.36 1.88 -0.72	49.11 2.04 -0.71	47.65 1.84 -0.82	48.82 2.07 -0.68	46.52 1.81 -0.70	49.12 2.40 -0.62	51.21 2.57 -0.06	56.80 3.11 0.00	54.52 3.04 0.00	49.81 2.73 -0.03	47.64 2.65 -0.07	44.36 2.43 -0.05	41.54 1.96 -0.34	39.99 1.68 -0.13
E_CANADA_MHWK_HY 24050	46.18 1.73 0.00	42.57 1.64 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.32 1.43 0.00	39.36 1.55 0.00	47.97 1.80 0.00	51.38 1.78 0.00	48.30 1.59 0.00	47.27 1.47 0.00	47.14 1.37 0.00	47.66 1.30 0.00	46.29 1.31 0.00	47.31 1.24 0.00	45.20 1.19 0.00	47.30 1.20 0.00	49.79 1.21 0.00	55.14 1.45 0.00	52.88 1.39 0.00	48.42 1.37 0.00	46.23 1.30 0.00	43.22 1.34 0.00	40.50 1.26 0.00	39.44 1.26 0.00
E_FISHKILL____LBMP 23776	46.05 1.60 0.00	42.28 1.35 0.00	36.02 1.08 0.00	35.41 1.10 0.00	36.14 1.26 0.00	39.21 1.40 0.00	48.11 1.94 0.00	51.83 2.23 0.00	50.93 2.52 -1.70	51.88 2.56 -3.51	52.34 2.47 -4.10	52.85 2.46 -4.04	52.08 2.43 -4.67	52.52 2.58 -3.88	50.62 2.60 -4.01	52.39 2.77 -3.52	51.93 3.01 -0.35	56.70 3.01 0.00	54.47 2.99 0.00	50.26 3.06 -0.15	48.19 2.87 -0.39	44.78 2.60 -0.31	43.59 2.43 -1.91	40.99 2.06 -0.75
FALCON____SEABRD_CC1 323796	46.04 1.60 0.00	42.53 1.59 0.00	36.29 1.36 0.00	35.62 1.30 0.00	36.21 1.33 0.00	39.21 1.40 0.00	47.93 1.75 0.00	50.79 1.19 0.00	47.83 1.12 0.00	46.58 0.78 0.00	46.54 0.78 0.00	47.15 0.79 0.00	45.66 0.68 0.00	46.57 0.51 0.00	44.14 0.13 0.00	46.10 0.00 0.00	48.58 0.00 0.00	53.90 0.22 0.00	51.85 0.36 0.00	47.15 0.09 0.00	45.28 0.36 0.00	41.76 -0.13 0.00	39.24 0.00 0.00	38.29 0.11 0.00

FALCON___SEABRD_CC2 323797	46.04 1.60 0.00	42.53 1.59 0.00	36.29 1.36 0.00	35.62 1.30 0.00	36.21 1.33 0.00	39.21 1.40 0.00	47.93 1.75 0.00	50.79 1.19 0.00	47.83 1.12 0.00	46.58 0.78 0.00	46.54 0.78 0.00	47.15 0.79 0.00	45.66 0.68 0.00	46.57 0.51 0.00	44.14 0.13 0.00	46.10 0.00 0.00	48.58 0.00 0.00	53.90 0.22 0.00	51.85 0.36 0.00	47.15 0.09 0.00	45.28 0.36 0.00	41.76 -0.13 0.00	39.24 0.00 0.00	38.29 0.11 0.00
FAR ROCKAWAY___4 23548	47.38 2.93 0.00	43.10 2.17 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.88 1.99 0.00	40.24 2.42 0.00	50.22 3.42 -0.63	56.70 3.82 -3.28	54.99 3.97 -4.31	54.41 3.80 -4.80	55.32 3.94 -5.62	60.09 3.99 -9.74	67.14 3.96 -18.20	67.09 4.10 -16.93	68.96 4.09 -20.85	71.35 4.33 -20.91	73.73 4.71 -20.45	78.88 4.83 -20.35	74.02 4.79 -17.75	70.08 4.71 -18.32	67.95 4.40 -18.63	57.73 4.02 -11.83	47.75 3.73 -4.78	43.68 3.25 -2.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.81 2.92 -5.53	54.31 2.92 -6.40	54.42 3.04 -5.32	52.59 3.08 -5.50	54.20 3.27 -4.83	52.65 3.59 -0.48	57.12 3.44 0.00	54.88 3.40 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.48 3.18 -0.42	44.88 3.02 -2.62	41.73 2.52 -1.03
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.31 1.87 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.81 2.92 -5.53	54.26 2.88 -6.40	54.42 3.04 -5.32	52.59 3.08 -5.50	54.20 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.48 3.18 -0.42	44.88 3.02 -2.62	41.77 2.56 -1.03
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.40 1.59 0.00	48.48 2.31 0.00	52.23 2.63 0.00	51.98 2.94 -2.32	53.55 2.93 -4.81	54.27 2.88 -5.62	54.76 2.87 -5.53	54.26 2.88 -6.40	54.37 2.99 -5.32	52.54 3.04 -5.50	54.16 3.23 -4.83	52.60 3.55 -0.48	57.12 3.44 0.00	54.83 3.35 0.00	50.88 3.62 -0.21	48.87 3.41 -0.54	45.44 3.14 -0.42	44.84 2.98 -2.62	41.73 2.52 -1.03
FARRAGUT___LBMP 323566	46.22 1.78 0.00	42.41 1.47 0.00	36.12 1.19 0.00	35.52 1.20 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.23 2.63 0.00	51.93 2.90 -2.32	53.50 2.89 -4.81	54.22 2.84 -5.62	54.72 2.83 -5.53	54.22 2.83 -6.40	54.33 2.95 -5.32	52.54 3.04 -5.50	54.11 3.18 -4.83	52.55 3.50 -0.48	57.07 3.38 0.00	54.83 3.35 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.44 3.14 -0.42	44.84 2.98 -2.62	41.69 2.48 -1.03
FENNER___WINDPWR 24204	44.98 0.54 0.00	41.34 0.41 0.00	35.28 0.35 0.00	34.69 0.38 0.00	35.27 0.38 0.00	38.23 0.42 0.00	46.82 0.65 0.00	50.39 0.79 0.00	47.41 0.70 0.00	46.53 0.73 0.00	46.59 0.82 0.00	47.15 0.79 0.00	45.75 0.76 0.00	46.85 0.78 0.00	44.67 0.66 0.00	46.80 0.69 0.00	49.31 0.73 0.00	54.60 0.91 0.00	52.31 0.82 0.00	47.66 0.61 0.00	45.42 0.50 0.00	42.38 0.50 0.00	39.56 0.31 0.00	38.60 0.42 0.00
FIBERTEK___ENERGY 23856	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
FITZPATRICK____ 23598	42.67 -1.78 0.00	39.25 -1.68 0.00	33.50 -1.43 0.00	32.91 -1.41 0.00	33.46 -1.43 0.00	36.26 -1.55 0.00	44.28 -1.90 0.00	47.62 -1.99 0.00	44.75 -1.96 0.00	43.97 -1.83 0.00	43.98 -1.79 0.00	44.55 -1.81 0.00	43.23 -1.75 0.00	44.27 -1.80 0.00	42.25 -1.76 0.00	44.26 -1.85 0.00	46.63 -1.94 0.00	51.59 -2.09 0.00	49.48 -2.01 0.00	45.12 -1.93 0.00	42.99 -1.93 0.00	40.20 -1.68 0.00	37.60 -1.65 0.00	36.69 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	47.65 3.20 0.00	43.27 2.33 0.00	36.15 1.22 0.00	35.58 1.27 0.00	37.05 2.16 0.00	40.46 2.65 0.00	50.63 3.83 -0.63	57.25 4.36 -3.28	55.36 4.34 -4.31	54.63 4.03 -4.80	55.55 4.16 -5.62	60.37 4.27 -9.74	67.36 4.18 -18.20	67.32 4.33 -16.93	69.27 4.40 -20.85	71.72 4.70 -20.91	74.17 5.15 -20.45	79.41 5.37 -20.35	74.49 5.25 -17.75	70.55 5.18 -18.32	68.36 4.81 -18.63	58.11 4.40 -11.83	48.18 4.16 -4.78	44.10 3.67 -2.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.62 2.18 0.00	42.82 1.88 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.53 1.64 0.00	39.70 1.89 0.00	48.81 2.63 0.00	52.53 2.93 0.00	50.07 3.04 -0.32	49.49 3.02 -0.67	49.52 2.97 -0.78	50.09 2.97 -0.77	48.79 2.92 -0.89	49.84 3.04 -0.74	47.85 3.08 -0.76	50.09 3.32 -0.67	52.33 3.69 -0.07	57.50 3.81 0.00	55.19 3.71 0.00	50.75 3.67 -0.03	48.37 3.37 -0.07	45.00 3.06 -0.06	42.35 2.75 -0.36	40.69 2.37 -0.14
FORT ORANGE____ 23900	45.83 1.38 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.31 1.00 0.00	35.76 0.87 0.00	38.57 0.76 0.00	47.05 0.88 0.00	50.59 0.99 0.00	48.23 1.03 -0.49	47.78 0.96 -1.01	47.86 0.91 -1.18	48.45 0.93 -1.16	47.22 0.90 -1.34	48.15 0.97 -1.12	46.18 1.01 -1.15	48.27 1.15 -1.01	49.89 1.21 -0.10	54.98 1.29 0.00	52.77 1.29 0.00	48.41 1.32 -0.04	46.29 1.26 -0.11	43.10 1.13 -0.09	41.05 1.26 -0.55	39.50 1.11 -0.22
FORT_DRUM_COGEN 23780	44.53 0.09 0.00	41.01 0.08 0.00	35.00 0.07 0.00	34.42 0.10 0.00	34.96 0.07 0.00	37.70 -0.11 0.00	46.22 0.05 0.00	49.85 0.25 0.00	47.32 0.61 0.00	46.12 0.32 0.00	46.50 0.73 0.00	46.92 0.56 0.00	45.57 0.58 0.00	46.52 0.46 0.00	44.01 0.00 0.00	46.10 0.00 0.00	48.58 0.00 0.00	54.06 0.38 0.00	51.49 0.00 0.00	46.91 -0.14 0.00	44.70 -0.22 0.00	41.46 -0.42 0.00	38.54 -0.71 0.00	37.80 -0.38 0.00
FOX_HILLS___ESR 323835	46.76 2.31 0.00	42.82 1.88 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.60 1.71 0.00	39.59 1.78 0.00	48.67 2.49 0.00	51.88 2.28 0.00	51.56 2.52 -2.32	53.13 2.52 -4.81	53.85 2.47 -5.62	54.34 2.46 -5.53	53.85 2.47 -6.40	53.96 2.58 -5.31	52.19 2.68 -5.49	53.79 2.86 -4.82	52.40 3.35 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.84 3.58 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
FPL FAR_ROCK_GT1 24212	47.21 2.76 0.00	43.10 2.17 0.00	36.19 1.26 0.00	35.62 1.30 0.00	36.71 1.81 0.00	40.35 2.53 0.00	50.27 3.46 -0.63	56.70 3.82 -3.28	54.99 3.97 -4.31	54.40 3.80 -4.80	55.32 3.94 -5.62	60.09 3.99 -9.74	67.14 3.96 -18.20	67.09 4.10 -16.93	68.96 4.09 -20.85	71.35 4.33 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.97 4.73 -17.75	70.08 4.70 -18.32	67.96 4.40 -18.63	57.73 4.02 -11.83	47.75 3.73 -4.78	43.69 3.24 -2.27

FPL FAR_ROCK_GT2 23815	47.21 2.76 0.00	43.10 2.17 0.00	36.19 1.26 0.00	35.62 1.30 0.00	36.71 1.81 0.00	40.35 2.53 0.00	50.27 3.46 -0.63	56.70 3.82 -3.28	54.99 3.97 -4.31	54.40 3.80 -4.80	55.32 3.94 -5.62	60.09 3.99 -9.74	67.14 3.96 -18.20	67.09 4.10 -16.93	68.96 4.09 -20.85	71.35 4.33 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.97 4.73 -17.75	70.08 4.70 -18.32	67.96 4.40 -18.63	57.73 4.02 -11.83	47.75 3.73 -4.78	43.69 3.24 -2.27
FRANKLIN_FALL_HYD 24054	46.36 1.91 0.00	42.90 1.96 0.00	36.50 1.57 0.00	35.93 1.61 0.00	36.39 1.50 0.00	39.32 1.51 0.00	47.93 1.75 0.00	50.74 1.14 0.00	48.11 1.40 0.00	46.76 0.96 0.00	47.05 1.28 0.00	47.61 1.25 0.00	46.15 1.17 0.00	47.03 0.97 0.00	44.32 0.31 0.00	46.15 0.05 0.00	48.53 -0.05 0.00	54.01 0.32 0.00	51.85 0.36 0.00	47.05 0.00 0.00	45.24 0.31 0.00	41.67 -0.21 0.00	39.17 -0.08 0.00	38.44 0.27 0.00
FREEPORT_EQUS_GT1 23764	46.85 2.40 0.00	42.82 1.88 0.00	35.95 1.01 0.00	35.41 1.10 0.00	36.46 1.57 0.00	40.12 2.31 0.00	49.90 3.09 -0.63	56.35 3.47 -3.28	54.62 3.60 -4.31	54.04 3.44 -4.80	54.91 3.52 -5.62	59.68 3.57 -9.74	66.73 3.55 -18.20	66.68 3.69 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.23 4.19 -20.35	73.30 4.07 -17.75	69.51 4.14 -18.32	67.46 3.91 -18.63	57.39 3.69 -11.83	47.51 3.49 -4.78	43.53 3.09 -2.26
FREEPORT___CT2 23818	46.85 2.40 0.00	42.82 1.88 0.00	35.95 1.01 0.00	35.41 1.10 0.00	36.46 1.57 0.00	40.12 2.31 0.00	49.90 3.09 -0.63	56.35 3.47 -3.28	54.62 3.60 -4.31	54.04 3.44 -4.80	54.91 3.52 -5.62	59.68 3.57 -9.74	66.73 3.55 -18.20	66.68 3.69 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.23 4.19 -20.35	73.30 4.07 -17.75	69.51 4.14 -18.32	67.46 3.91 -18.63	57.39 3.69 -11.83	47.51 3.49 -4.78	43.53 3.09 -2.26
FRESHKLS_33_KV_LOAD 356253	46.89 2.44 0.00	42.94 2.01 0.00	36.54 1.61 0.00	35.93 1.61 0.00	36.70 1.81 0.00	39.70 1.89 0.00	48.76 2.59 0.00	51.83 2.23 0.00	51.46 2.43 -2.32	52.99 2.38 -4.80	53.66 2.29 -5.61	53.71 2.32 -5.03	53.66 2.29 -6.39	53.71 2.44 -5.20	52.00 2.51 -5.48	53.64 2.72 -4.82	52.30 3.25 -0.47	55.29 3.01 1.40	54.46 2.99 0.01	50.79 3.53 -0.21	49.01 3.55 -0.54	45.91 3.60 -0.43	45.27 3.41 -2.62	42.19 2.98 -1.04
FULTON COGEN____ 23766	43.07 -1.38 0.00	39.58 -1.35 0.00	33.81 -1.12 0.00	33.15 -1.17 0.00	33.74 -1.15 0.00	36.60 -1.21 0.00	44.74 -1.43 0.00	48.21 -1.39 0.00	45.26 -1.45 0.00	44.52 -1.28 0.00	44.58 -1.19 0.00	45.16 -1.21 0.00	43.86 -1.12 0.00	44.91 -1.15 0.00	42.87 -1.14 0.00	44.86 -1.14 0.00	47.26 -1.31 0.00	52.29 -1.40 0.00	50.15 -1.34 0.00	45.73 -1.32 0.00	43.53 -1.39 0.00	40.71 -1.17 0.00	37.99 -1.26 0.00	37.07 -1.11 0.00
FULTON___LFGE 323630	46.89 2.44 0.00	43.02 2.09 0.00	36.57 1.64 0.00	35.90 1.58 0.00	36.53 1.64 0.00	39.81 2.00 0.00	49.17 3.00 0.00	53.02 3.42 0.00	50.11 3.03 -0.36	49.17 2.61 -0.75	49.16 2.52 -0.88	49.87 2.64 -0.87	48.46 2.47 -1.00	49.57 2.67 -0.83	47.33 2.46 -0.86	49.90 3.04 -0.76	51.81 3.16 -0.07	57.50 3.81 0.00	55.24 3.76 0.00	50.47 3.39 -0.03	48.28 3.28 -0.08	44.88 2.93 -0.07	42.13 2.47 -0.41	40.51 2.18 -0.16
G.F.CEMENT___DRP 24184	46.76 2.31 0.00	42.77 1.84 0.00	36.43 1.50 0.00	35.76 1.44 0.00	36.35 1.47 0.00	39.51 1.70 0.00	48.76 2.59 0.00	52.68 3.08 0.00	50.15 2.94 -0.49	49.66 2.84 -1.02	49.66 2.70 -1.19	50.41 2.87 -1.17	49.13 2.79 -1.36	50.05 2.86 -1.13	47.86 2.68 -1.17	50.22 3.09 -1.02	51.64 2.96 -0.10	57.12 3.44 0.00	54.88 3.40 0.00	50.20 3.11 -0.04	48.09 3.05 -0.11	44.57 2.60 -0.09	42.04 2.24 -0.56	40.34 1.95 -0.22
GARDENVILLE___LBMP 24039	42.80 -1.64 0.00	39.38 -1.56 0.00	34.02 -0.91 0.00	33.22 -1.10 0.00	33.70 -1.19 0.00	36.56 -1.25 0.00	43.96 -2.22 0.00	46.62 -2.98 0.00	43.12 -3.60 0.00	42.32 -3.48 0.00	42.65 -3.11 0.00	43.02 -3.34 0.00	41.92 -3.06 0.00	42.98 -3.09 0.00	40.80 -3.21 0.00	42.60 -3.50 0.00	44.54 -4.03 0.00	49.77 -3.92 0.00	47.78 -3.71 0.00	42.68 -4.38 0.00	40.56 -4.36 0.00	38.66 -3.22 0.00	36.50 -2.75 0.00	36.61 -1.57 0.00
GARDNVLA_35_KV_LD 355827	43.07 -1.38 0.00	39.62 -1.31 0.00	34.23 -0.70 0.00	33.42 -0.89 0.00	33.91 -0.98 0.00	36.79 -1.02 0.00	44.19 -1.99 0.00	46.87 -2.73 0.00	43.40 -3.32 0.00	42.55 -3.25 0.00	42.93 -2.84 0.00	43.30 -3.06 0.00	42.15 -2.83 0.00	43.25 -2.81 0.00	41.02 -2.99 0.00	42.88 -3.23 0.00	44.79 -3.79 0.00	50.04 -3.65 0.00	48.09 -3.40 0.00	42.91 -4.14 0.00	40.83 -4.09 0.00	38.87 -3.02 0.00	36.73 -2.51 0.00	36.84 -1.34 0.00
GELCKHM___115KV_LOAD 80723	43.38 -1.07 0.00	39.87 -1.06 0.00	34.09 -0.84 0.00	33.42 -0.89 0.00	34.02 -0.87 0.00	36.90 -0.91 0.00	45.11 -1.06 0.00	48.56 -1.04 0.00	45.59 -1.12 0.00	44.80 -1.01 0.00	44.85 -0.92 0.00	45.43 -0.93 0.00	44.13 -0.85 0.00	45.19 -0.88 0.00	43.13 -0.88 0.00	45.14 -0.97 0.00	47.56 -1.02 0.00	52.62 -1.07 0.00	50.46 -1.03 0.00	45.97 -1.08 0.00	43.80 -1.12 0.00	40.96 -0.92 0.00	38.26 -0.98 0.00	37.34 -0.84 0.00
GENERAL___MILLS 23808	42.98 -1.47 0.00	39.54 -1.39 0.00	34.16 -0.77 0.00	33.36 -0.96 0.00	33.84 -1.05 0.00	36.72 -1.10 0.00	44.14 -2.03 0.00	46.82 -2.78 0.00	43.30 -3.41 0.00	42.51 -3.30 0.00	42.84 -2.93 0.00	43.21 -3.15 0.00	42.10 -2.88 0.00	43.16 -2.90 0.00	40.97 -3.04 0.00	42.78 -3.32 0.00	44.74 -3.84 0.00	49.98 -3.70 0.00	47.99 -3.50 0.00	42.82 -4.23 0.00	40.74 -4.18 0.00	38.78 -3.10 0.00	36.65 -2.59 0.00	36.77 -1.41 0.00
GE_PLASTICS___DRP 24183	45.47 1.02 0.00	41.87 0.94 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.59 0.70 0.00	38.38 0.57 0.00	46.87 0.69 0.00	50.44 0.84 0.00	48.09 0.89 -0.49	47.74 0.92 -1.02	47.82 0.87 -1.19	48.41 0.88 -1.17	47.19 0.85 -1.35	48.06 0.88 -1.12	46.10 0.92 -1.16	48.14 1.01 -1.02	49.74 1.07 -0.10	54.82 1.13 0.00	52.57 1.08 0.00	48.22 1.13 -0.04	46.11 1.08 -0.11	42.93 0.96 -0.09	40.86 1.06 -0.55	39.31 0.92 -0.22
GILBOA___1 23756	45.33 0.89 0.00	41.75 0.82 0.00	35.56 0.63 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.15 0.97 0.00	50.69 1.09 0.00	48.13 1.12 -0.30	47.56 1.15 -0.61	47.63 1.14 -0.71	48.17 1.11 -0.70	46.92 1.12 -0.81	47.93 1.20 -0.68	45.90 1.19 -0.70	48.01 1.29 -0.61	49.99 1.36 -0.06	55.08 1.39 0.00	52.88 1.39 0.00	48.49 1.41 -0.03	46.29 1.30 -0.07	43.10 1.17 -0.05	40.72 1.14 -0.33	39.30 0.99 -0.13
GILBOA___2 23757	45.33 0.89 0.00	41.75 0.82 0.00	35.56 0.63 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.15 0.97 0.00	50.69 1.09 0.00	48.13 1.12 -0.30	47.56 1.15 -0.61	47.63 1.14 -0.71	48.17 1.11 -0.70	46.92 1.12 -0.81	47.93 1.20 -0.68	45.90 1.19 -0.70	48.01 1.29 -0.61	49.99 1.36 -0.06	55.08 1.39 0.00	52.88 1.39 0.00	48.49 1.41 -0.03	46.29 1.30 -0.07	43.10 1.17 -0.05	40.72 1.14 -0.33	39.30 0.99 -0.13

GILBOA___3 23758	45.33 0.89 0.00	41.75 0.82 0.00	35.56 0.63 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.15 0.97 0.00	50.69 1.09 0.00	48.13 1.12 -0.30	47.56 1.15 -0.61	47.63 1.14 -0.71	48.17 1.11 -0.70	46.92 1.12 -0.81	47.93 1.20 -0.68	45.90 1.19 -0.70	48.01 1.29 -0.61	49.99 1.36 -0.06	55.08 1.39 0.00	52.88 1.39 0.00	48.49 1.41 -0.03	46.29 1.30 -0.07	43.10 1.17 -0.05	40.72 1.14 -0.33	39.30 0.99 -0.13
GILBOA___4 23759	45.33 0.89 0.00	41.75 0.82 0.00	35.56 0.63 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.57 0.76 0.00	47.15 0.97 0.00	50.69 1.09 0.00	48.13 1.12 -0.30	47.56 1.15 -0.61	47.63 1.14 -0.71	48.17 1.11 -0.70	46.92 1.12 -0.81	47.93 1.20 -0.68	45.90 1.19 -0.70	48.01 1.29 -0.61	49.99 1.36 -0.06	55.08 1.39 0.00	52.88 1.39 0.00	48.49 1.41 -0.03	46.29 1.30 -0.07	43.10 1.17 -0.05	40.72 1.14 -0.33	39.30 0.99 -0.13
GILBOA___ 23599	45.34 0.89 0.00	41.67 0.74 0.00	35.56 0.63 0.00	34.93 0.62 0.00	35.55 0.66 0.00	38.49 0.68 0.00	47.10 0.92 0.00	50.69 1.09 0.00	48.13 1.12 -0.30	47.56 1.15 -0.61	47.62 1.14 -0.71	48.18 1.11 -0.70	46.92 1.12 -0.81	47.94 1.20 -0.68	45.90 1.19 -0.70	48.01 1.29 -0.61	50.00 1.36 -0.06	55.08 1.40 0.00	52.88 1.39 0.00	48.49 1.41 -0.03	46.29 1.30 -0.07	43.11 1.17 -0.05	40.72 1.14 -0.33	39.30 0.99 -0.13
GINNA___ 23603	40.71 -3.73 0.00	37.45 -3.48 0.00	32.17 -2.76 0.00	31.50 -2.81 0.00	32.03 -2.86 0.00	34.52 -3.29 0.00	42.16 -4.02 0.00	45.29 -4.32 0.00	42.14 -4.58 0.00	41.54 -4.26 0.00	41.65 -4.12 0.00	42.19 -4.17 0.00	41.02 -3.96 0.00	42.10 -3.96 0.00	40.01 -4.00 0.00	41.82 -4.29 0.00	44.06 -4.52 0.00	48.91 -4.78 0.00	46.90 -4.58 0.00	42.35 -4.70 0.00	40.30 -4.63 0.00	37.99 -3.89 0.00	35.55 -3.69 0.00	35.01 -3.17 0.00
GLEN PARK___ 23778	44.67 0.22 0.00	41.18 0.25 0.00	35.07 0.14 0.00	34.52 0.21 0.00	35.10 0.21 0.00	37.81 0.00 0.00	46.45 0.28 0.00	50.05 0.45 0.00	47.51 0.79 0.00	46.31 0.50 0.00	46.63 0.87 0.00	47.10 0.74 0.00	45.75 0.76 0.00	46.71 0.64 0.00	44.23 0.22 0.00	46.34 0.23 0.00	48.87 0.29 0.00	54.44 0.75 0.00	51.85 0.36 0.00	47.19 0.14 0.00	44.97 0.04 0.00	41.71 -0.17 0.00	38.73 -0.51 0.00	37.99 -0.19 0.00
GLENDALE_27_KV_LOAD 356172	46.54 2.09 0.00	42.65 1.72 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.53 1.64 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.28 2.68 0.00	52.03 2.99 -2.32	53.63 3.02 -4.81	54.31 2.93 -5.62	54.85 2.97 -5.53	54.30 2.92 -6.40	54.46 3.09 -5.31	52.63 3.12 -5.49	54.25 3.32 -4.82	52.79 3.74 -0.47	57.34 3.65 0.00	55.04 3.55 0.00	51.07 3.81 -0.21	49.10 3.64 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GLENWOOD_IC_1_G5 23712	46.76 2.31 0.00	42.65 1.72 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.53 1.64 0.00	39.74 1.93 0.00	49.57 2.77 -0.63	56.06 3.17 -3.28	54.38 3.36 -4.31	53.86 3.25 -4.80	54.68 3.30 -5.62	59.30 3.20 -9.74	66.33 3.15 -18.20	66.31 3.32 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.91 3.87 -20.35	72.99 3.76 -17.75	69.18 3.81 -18.32	67.15 3.59 -18.63	57.14 3.43 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
GLENWOOD_IC_2_G1 23688	46.40 1.95 0.00	42.53 1.59 0.00	36.02 1.08 0.00	35.48 1.17 0.00	36.28 1.40 0.00	39.63 1.81 0.00	49.25 2.45 -0.63	55.66 2.78 -3.28	54.01 2.99 -4.31	53.54 2.93 -4.80	54.32 2.93 -5.62	59.03 2.92 -9.74	66.10 2.92 -18.20	66.03 3.04 -16.93	67.94 3.08 -20.85	70.29 3.27 -20.91	72.57 3.54 -20.45	77.59 3.54 -20.35	72.74 3.50 -17.75	69.00 3.62 -18.32	66.92 3.37 -18.63	56.81 3.10 -11.83	46.92 2.90 -4.78	42.92 2.48 -2.26
GLENWOOD_IC_3_G1 23689	46.40 1.95 0.00	42.53 1.59 0.00	36.02 1.08 0.00	35.48 1.17 0.00	36.28 1.40 0.00	39.63 1.81 0.00	49.25 2.45 -0.63	55.66 2.78 -3.28	54.01 2.99 -4.31	53.54 2.93 -4.80	54.32 2.93 -5.62	59.03 2.92 -9.74	66.10 2.92 -18.20	66.03 3.04 -16.93	67.94 3.08 -20.85	70.29 3.27 -20.91	72.57 3.54 -20.45	77.59 3.54 -20.35	72.74 3.50 -17.75	69.00 3.62 -18.32	66.92 3.37 -18.63	56.81 3.10 -11.83	46.92 2.90 -4.78	42.92 2.48 -2.26
GLENWOOD___4 23550	46.76 2.31 0.00	42.65 1.72 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.53 1.64 0.00	39.74 1.93 0.00	49.57 2.77 -0.63	56.06 3.17 -3.28	54.38 3.36 -4.31	53.86 3.25 -4.80	54.68 3.30 -5.62	59.35 3.25 -9.74	66.42 3.24 -18.20	66.36 3.36 -16.93	68.25 3.39 -20.85	70.56 3.55 -20.91	72.86 3.84 -20.45	77.96 3.92 -20.35	73.05 3.81 -17.75	69.28 3.91 -18.32	67.19 3.64 -18.63	57.14 3.43 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
GLENWOOD___5 23614	46.76 2.31 0.00	42.65 1.72 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.53 1.64 0.00	39.74 1.93 0.00	49.57 2.77 -0.63	56.06 3.17 -3.28	54.38 3.36 -4.31	53.86 3.25 -4.80	54.68 3.30 -5.62	59.35 3.25 -9.74	66.42 3.24 -18.20	66.36 3.36 -16.93	68.25 3.39 -20.85	70.56 3.55 -20.91	72.86 3.84 -20.45	77.96 3.92 -20.35	73.05 3.81 -17.75	69.28 3.91 -18.32	67.19 3.64 -18.63	57.14 3.43 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
GLOBAL GREEN_PORT_GT1 23814	48.76 4.31 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.44 2.13 0.00	37.75 2.86 0.00	41.74 3.93 0.00	52.25 5.45 -0.63	58.98 6.10 -3.28	56.95 5.93 -4.31	56.10 5.49 -4.80	57.01 5.63 -5.62	61.90 5.79 -9.74	68.80 5.62 -18.20	68.80 5.80 -16.93	70.67 5.81 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.34 7.30 -20.35	76.34 7.11 -17.75	72.15 6.78 -18.32	69.89 6.34 -18.63	59.40 5.69 -11.83	49.31 5.30 -4.77	45.17 4.73 -2.26
GLOBE___DSASP 323697	40.89 -3.56 0.00	37.70 -3.23 0.00	32.59 -2.34 0.00	31.85 -2.47 0.00	32.31 -2.58 0.00	34.98 -2.84 0.00	41.97 -4.20 0.00	44.29 -5.31 0.00	40.92 -5.79 0.00	40.22 -5.59 0.00	40.46 -5.31 0.00	40.84 -5.52 0.00	39.81 -5.17 0.00	40.77 -5.30 0.00	38.77 -5.24 0.00	40.48 -5.62 0.00	42.36 -6.22 0.00	47.25 -6.44 0.00	45.36 -6.13 0.00	40.51 -6.54 0.00	38.59 -6.33 0.00	36.90 -4.98 0.00	34.93 -4.32 0.00	35.12 -3.05 0.00
GOETHSLN___LBMP 323567	45.96 1.51 0.00	42.16 1.23 0.00	35.91 0.98 0.00	35.31 1.00 0.00	36.07 1.19 0.00	39.17 1.36 0.00	48.21 2.03 0.00	51.93 2.33 0.00	51.70 2.66 -2.32	53.27 2.66 -4.81	53.90 2.52 -5.62	53.95 2.55 -5.04	53.95 2.56 -6.40	53.95 2.67 -5.21	52.28 2.77 -5.50	53.88 2.95 -4.83	52.31 3.25 -0.48	55.30 3.01 1.40	54.47 2.99 0.00	50.65 3.39 -0.21	48.65 3.19 -0.54	45.23 2.93 -0.42	44.65 2.79 -2.62	41.50 2.29 -1.03
GOLAH___69_KV_TB 1_2 80279	42.49 -1.96 0.00	39.13 -1.80 0.00	33.71 -1.22 0.00	32.94 -1.37 0.00	33.53 -1.36 0.00	36.30 -1.51 0.00	43.91 -2.26 0.00	46.92 -2.68 0.00	43.54 -3.18 0.00	42.73 -3.07 0.00	42.88 -2.88 0.00	43.35 -3.01 0.00	42.19 -2.79 0.00	43.21 -2.86 0.00	41.15 -2.86 0.00	42.97 -3.14 0.00	45.22 -3.35 0.00	50.41 -3.28 0.00	48.35 -3.14 0.00	43.52 -3.53 0.00	41.33 -3.59 0.00	39.07 -2.81 0.00	36.77 -2.47 0.00	36.42 -1.76 0.00

GOODYEAR_LAKE_HYD 323669	45.65 1.20 0.00	41.96 1.02 0.00	35.81 0.87 0.00	35.17 0.86 0.00	35.83 0.94 0.00	38.91 1.10 0.00	47.74 1.57 0.00	51.44 1.84 0.00	48.44 1.73 0.00	47.54 1.74 0.00	47.60 1.83 0.00	48.21 1.85 0.00	46.83 1.84 0.00	47.95 1.89 0.00	45.77 1.76 0.00	48.04 1.94 0.00	50.62 2.04 0.00	56.00 2.31 0.00	53.65 2.16 0.00	49.03 1.98 0.00	46.72 1.80 0.00	43.51 1.63 0.00	40.58 1.33 0.00	39.44 1.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.49 0.04 0.00	40.85 -0.08 0.00	34.97 0.03 0.00	34.28 -0.03 0.00	34.89 0.00 0.00	37.81 0.00 0.00	46.22 0.05 0.00	49.65 0.05 0.00	46.35 -0.14 0.22	45.30 -0.05 0.46	45.32 0.09 0.54	45.83 0.00 0.53	44.46 0.09 0.61	45.65 0.09 0.51	43.53 0.04 0.53	45.69 0.05 0.46	48.53 0.00 0.05	53.85 0.16 0.00	51.69 0.21 0.00	46.94 -0.09 0.02	44.69 -0.18 0.05	41.84 0.00 0.04	38.92 -0.08 0.25	38.19 0.11 0.10
GOUDEY___7 23579	44.49 0.04 0.00	40.85 -0.08 0.00	34.97 0.03 0.00	34.28 -0.03 0.00	34.89 0.00 0.00	37.81 0.00 0.00	46.22 0.05 0.00	49.65 0.05 0.00	46.35 -0.14 0.22	45.30 -0.05 0.46	45.32 0.09 0.54	45.83 0.00 0.53	44.46 0.09 0.61	45.65 0.09 0.51	43.53 0.04 0.53	45.69 0.05 0.46	48.53 0.00 0.05	53.85 0.16 0.00	51.69 0.21 0.00	46.94 -0.09 0.02	44.69 -0.18 0.05	41.84 0.00 0.04	38.92 -0.08 0.25	38.19 0.11 0.10
GOUDEY___8 23580	44.49 0.04 0.00	40.85 -0.08 0.00	34.97 0.03 0.00	34.28 -0.03 0.00	34.89 0.00 0.00	37.81 0.00 0.00	46.22 0.05 0.00	49.65 0.05 0.00	46.35 -0.14 0.22	45.30 -0.05 0.46	45.32 0.09 0.54	45.83 0.00 0.53	44.46 0.09 0.61	45.65 0.09 0.51	43.53 0.04 0.53	45.69 0.05 0.46	48.53 0.00 0.05	53.85 0.16 0.00	51.69 0.21 0.00	46.94 -0.09 0.02	44.69 -0.18 0.05	41.84 0.00 0.04	38.92 -0.08 0.25	38.19 0.11 0.10
GOWANUS_GT1_1 24077	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_2 24078	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_3 24079	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_4 24080	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_5 24084	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_6 24111	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_7 24112	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT1_8 24113	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GOWANUS_GT2_1 24114	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_2 24115	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_3 24116	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04

GOWANUS_GT2_4 24117	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_5 24118	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_6 24119	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_7 24120	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT2_8 24121	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT3_1 24122	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
GOWANUS_GT3_2 24123	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
GOWANUS_GT3_3 24124	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70																		

GOWANUS_GT4_3 24132	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT4_4 24133	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT4_5 24134	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT4_6 24135	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT4_7 24136	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GOWANUS_GT4_8 24137	46.67 2.22 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.79 1.48 0.00	36.53 1.64 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.03 2.43 0.00	51.75 2.71 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
GREENBSH_115KV_TB3 55895	45.56 1.11 0.00	41.96 1.02 0.00	35.77 0.84 0.00	35.17 0.86 0.00	35.59 0.70 0.00	38.30 0.49 0.00	46.68 0.51 0.00	50.25 0.64 0.00	47.97 0.75 -0.51	47.63 0.78 -1.05	47.68 0.69 -1.23	48.31 0.74 -1.21	47.10 0.72 -1.40	47.96 0.74 -1.16	46.00 0.79 -1.20	48.08 0.92 -1.05	49.60 0.92 -0.10	54.66 0.97 0.00	52.41 0.93 0.00	48.08 0.99 -0.05	45.98 0.94 -0.12	42.85 0.88 -0.09	40.87 1.06 -0.57	39.32 0.92 -0.22
GREENDGE_115KV_TB5 80291	44.31 -0.13 0.00	40.65 -0.29 0.00	34.86 -0.07 0.00	34.11 -0.21 0.00	34.71 -0.17 0.00	37.70 -0.11 0.00	46.13 -0.05 0.00	49.20 -0.40 0.00	46.11 -0.61 0.00	45.30 -0.50 0.00	45.45 -0.32 0.00	45.90 -0.46 0.00	44.62 -0.36 0.00	45.69 -0.37 0.00	43.48 -0.53 0.00	45.60 -0.51 0.00	47.65 -0.92 0.00	52.99 -0.70 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.07 -0.85 0.00	41.38 -0.50 0.00	38.58 -0.67 0.00	37.95 -0.23 0.00
GREENIDGE___3 23582	44.31 -0.13 0.00	40.65 -0.29 0.00	34.86 -0.07 0.00	34.11 -0.21 0.00	34.71 -0.17 0.00	37.70 -0.11 0.00	46.13 -0.05 0.00	49.20 -0.40 0.00	46.11 -0.61 0.00	45.30 -0.50 0.00	45.45 -0.32 0.00	45.90 -0.46 0.00	44.62 -0.36 0.00	45.69 -0.37 0.00	43.48 -0.53 0.00	45.60 -0.51 0.00	47.65 -0.92 0.00	52.99 -0.70 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.07 -0.85 0.00	41.38 -0.50 0.00	38.58 -0.67 0.00	37.95 -0.23 0.00
GREENIDGE___4 23583	44.31 -0.13 0.00	40.60 -0.33 0.00	34.79 -0.14 0.00	34.11 -0.20 0.00	34.68 -0.21 0.00	37.59 -0.23 0.00	45.71 -0.46 0.00	49.26 -0.34 0.00	46.10 -0.61 0.00	45.35 -0.46 0.00	45.45 -0.32 0.00	45.90 -0.46 0.00	44.62 -0.36 0.00	45.69 -0.37 0.00	43.53 -0.48 0.00	45.60 -0.51 0.00	47.65 -0.92 0.00	53.05 -0.64 0.00	50.97 -0.51 0.00	46.39 -0.66 0.00	44.07 -0.85 0.00	41.38 -0.50 0.00	38.58 -0.67 0.00	37.95 -0.23 0.00
GREENLWN_69_KV_BK 3 55738	47.07 2.62 0.00	42.82 1.88 0.00	35.88 0.94 0.00	35.34 1.03 0.00	36.67 1.78 0.00	40.00 2.19 0.00	49.94 3.14 -0.63	56.46 3.57 -3.28	54.71 3.69 -4.31	54.08 3.48 -4.80	55.00 3.62 -5.62	59.77 3.66 -9.74	66.78 3.60 -18.20	66.73 3.73 -16.93	68.65 3.78 -20.85	71.03 4.01 -20.91	73.35 4.32 -20.45	78.50 4.46 -20.35	73.61 4.38 -17.75	69.75 4.38 -18.32	67.68 4.13 -18.63	57.48 3.77 -11.83	47.55 3.53 -4.78	43.49 3.05 -2.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04
GRISSOM___SOLAR 323813	46.80 2.35 0.00	42.94 2.01 0.00	36.51 1.57 0.00	35.82 1.51 0.00	36.46 1.57 0.00	39.74 1.93 0.00	48.99 2.82 0.00	52.82 3.22 0.00	49.99 2.90 -0.38	49.10 2.52 -0.78	49.10 2.42 -0.91	49.80 2.55 -0.89	48.40 2.38 -1.04	49.50 2.58 -0.86	47.32 2.42 -0.89	49.79 2.91 -0.78	51.67 3.01 -0.08	57.29 3.60 0.00	55.04 3.55 0.00	50.33 3.24 -0.03	48.11 3.10 -0.09	44.75 2.81 -0.07	42.02 2.35 -0.42	40.44 2.10 -0.17
GROVEVILLE___HYD 323602	46.62 2.18 0.00	42.82 1.88 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.53 1.64 0.00	39.70 1.89 0.00	48.81 2.63 0.00	52.53 2.93 0.00	50.07 3.04 -0.32	49.49 3.02 -0.67	49.52 2.97 -0.78	50.09 2.97 -0.77	48.79 2.92 -0.89	49.84 3.04 -0.74	47.85 3.08 -0.76	50.09 3.32 -0.67	52.33 3.69 -0.07	57.50 3.81 0.00	55.19 3.71 0.00	50.75 3.67 -0.03	48.37 3.37 -0.07	45.00 3.06 -0.06	42.35 2.75 -0.36	40.69 2.37 -0.14
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00

HAMLTNNY_34_KV_TB 80303	43.73 -0.71 0.00	40.20 -0.74 0.00	34.34 -0.59 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.48 -0.69 0.00	49.01 -0.60 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.31 -0.46 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.53 -0.48 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.10 -0.59 0.00	50.97 -0.51 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.34 -0.54 0.00	38.54 -0.71 0.00	37.64 -0.53 0.00
HAMPSHIRE___PAPER_HYD 323593	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.18 0.00	34.49 0.17 0.00	34.99 0.10 0.00	37.21 -0.61 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.05 0.00	45.88 -0.18 0.00	42.91 -1.10 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
HARDSCRABBLE_WT_PWR 323673	45.87 1.42 0.00	42.28 1.35 0.00	36.08 1.15 0.00	35.48 1.17 0.00	36.07 1.19 0.00	39.06 1.25 0.00	47.65 1.48 0.00	51.04 1.44 0.00	47.93 1.21 0.00	46.90 1.10 0.00	46.73 0.96 0.00	47.24 0.88 0.00	45.83 0.85 0.00	46.89 0.83 0.00	44.71 0.70 0.00	46.84 0.74 0.00	49.31 0.73 0.00	54.60 0.91 0.00	52.36 0.87 0.00	47.94 0.89 0.00	45.82 0.90 0.00	42.84 0.96 0.00	40.15 0.90 0.00	39.09 0.91 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.00 1.56 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.38 1.06 0.00	36.07 1.19 0.00	39.17 1.36 0.00	48.16 1.99 0.00	51.88 2.28 0.00	45.60 2.29 3.40	41.06 2.29 7.03	39.80 2.24 8.21	40.55 2.27 8.08	37.87 2.25 9.36	40.64 2.35 7.77	38.39 2.42 8.04	41.63 2.58 7.06	50.75 2.87 0.69	56.70 3.01 0.00	54.37 2.88 0.00	49.66 2.92 0.31	46.83 2.70 0.78	43.65 2.39 0.61	37.62 2.20 3.83	38.47 1.79 1.51
HARSNRAD_115KV_TB1 81005	41.78 -2.67 0.00	38.48 -2.46 0.00	33.26 -1.68 0.00	32.50 -1.82 0.00	32.97 -1.92 0.00	35.73 -2.08 0.00	42.90 -3.28 0.00	45.68 -3.92 0.00	42.18 -4.53 0.00	41.45 -4.35 0.00	41.74 -4.03 0.00	42.10 -4.27 0.00	40.98 -4.00 0.00	42.01 -4.05 0.00	39.92 -4.09 0.00	41.68 -4.43 0.00	43.67 -4.91 0.00	48.75 -4.94 0.00	46.80 -4.69 0.00	41.78 -5.27 0.00	39.76 -5.17 0.00	37.90 -3.98 0.00	35.83 -3.41 0.00	36.00 -2.18 0.00
HARZA MOOSE___RIVER 24016	44.98 0.53 0.00	41.46 0.53 0.00	35.35 0.42 0.00	34.76 0.45 0.00	35.34 0.45 0.00	38.19 0.38 0.00	46.73 0.55 0.00	50.25 0.64 0.00	47.60 0.89 0.00	46.35 0.55 0.00	46.54 0.78 0.00	47.01 0.65 0.00	45.61 0.63 0.00	46.57 0.51 0.00	44.23 0.22 0.00	46.29 0.18 0.00	48.72 0.15 0.00	54.06 0.38 0.00	51.69 0.21 0.00	47.15 0.09 0.00	44.97 0.04 0.00	41.80 -0.08 0.00	39.01 -0.24 0.00	38.14 -0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.42 -1.02 0.00	39.91 -1.02 0.00	34.09 -0.84 0.00	33.46 -0.86 0.00	34.02 -0.87 0.00	36.90 -0.91 0.00	45.07 -1.11 0.00	48.51 -1.09 0.00	45.59 -1.12 0.00	44.80 -1.01 0.00	44.85 -0.92 0.00	45.43 -0.93 0.00	44.13 -0.85 0.00	45.19 -0.88 0.00	43.13 -0.88 0.00	45.14 -0.97 0.00	47.51 -1.07 0.00	52.56 -1.13 0.00	50.46 -1.03 0.00	45.97 -1.08 0.00	43.80 -1.12 0.00	41.00 -0.88 0.00	38.30 -0.94 0.00	37.38 -0.80 0.00
HELLGATE_13_KV_LD 55870	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.40 1.59 0.00	48.44 2.26 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	54.04 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
HEMPSTEAD____ 23647	46.54 2.09 0.00	42.57 1.64 0.00	35.77 0.84 0.00	35.24 0.93 0.00	36.25 1.36 0.00	39.82 2.00 0.00	49.53 2.72 -0.63	55.96 3.08 -3.28	54.29 3.27 -4.31	53.72 3.12 -4.80	54.59 3.20 -5.62	59.30 3.20 -9.74	66.37 3.19 -18.20	66.31 3.32 -16.93	68.21 3.34 -20.85	70.52 3.50 -20.91	72.86 3.84 -20.45	77.91 3.87 -20.35	72.99 3.76 -17.75	69.23 3.86 -18.32	67.19 3.64 -18.63	57.06 3.35 -11.83	47.16 3.14 -4.78	43.19 2.75 -2.26
HEWLETT_69_KV_BK3 55828	47.16 2.71 0.00	42.94 2.01 0.00	36.05 1.12 0.00	35.49 1.17 0.00	36.74 1.85 0.00	40.05 2.23 0.00	49.99 3.19 -0.63	56.46 3.57 -3.28	54.76 3.74 -4.31	54.18 3.57 -4.80	55.05 3.66 -5.62	59.86 3.76 -9.74	66.87 3.69 -18.20	66.82 3.82 -16.93	68.74 3.87 -20.85	71.07 4.06 -20.91	73.44 4.42 -20.45	78.61 4.56 -20.35	73.72 4.48 -17.75	69.80 4.42 -18.32	67.73 4.18 -18.63	57.52 3.81 -11.83	47.59 3.57 -4.78	43.53 3.09 -2.26
HICKLING___1 23621	44.49 0.04 0.00	40.81 -0.12 0.00	35.00 0.07 0.00	34.28 -0.03 0.00	34.85 -0.03 0.00	37.81 0.00 0.00	46.13 -0.05 0.00	49.50 -0.10 0.00	46.15 -0.56 0.00	45.39 -0.41 0.00	45.58 -0.18 0.00	46.04 -0.32 0.00	44.76 -0.22 0.00	45.83 -0.23 0.00	43.70 -0.31 0.00	45.73 -0.37 0.00	48.04 -0.53 0.00	53.47 -0.21 0.00	51.33 -0.15 0.00	46.39 -0.66 0.00	44.11 -0.81 0.00	41.46 -0.42 0.00	38.73 -0.51 0.00	38.14 -0.04 0.00
HICKLING___2 23622	44.49 0.04 0.00	40.81 -0.12 0.00	35.00 0.07 0.00	34.28 -0.03 0.00	34.85 -0.03 0.00	37.81 0.00 0.00	46.13 -0.05 0.00	49.50 -0.10 0.00	46.15 -0.56 0.00	45.39 -0.41 0.00	45.58 -0.18 0.00	46.04 -0.32 0.00	44.76 -0.22 0.00	45.83 -0.23 0.00	43.70 -0.31 0.00	45.73 -0.37 0.00	48.04 -0.53 0.00	53.47 -0.21 0.00	51.33 -0.15 0.00	46.39 -0.66 0.00	44.11 -0.81 0.00	41.46 -0.42 0.00	38.73 -0.51 0.00	38.14 -0.04 0.00
HIGH FALLS___HY 23754	46.94 2.49 0.00	43.06 2.13 0.00	36.64 1.71 0.00	36.03 1.72 0.00	36.81 1.92 0.00	40.08 2.27 0.00	49.41 3.23 0.00	53.12 3.52 0.00	49.70 3.46 0.47	48.18 3.34 0.96	47.89 3.25 1.13	48.45 3.20 1.11	46.85 3.15 1.28	48.31 3.32 1.07	46.30 3.39 1.10	48.87 3.73 0.97	52.76 4.27 0.10	58.31 4.62 0.00	55.86 4.38 0.00	51.34 4.33 0.04	48.72 3.91 0.11	45.36 3.56 0.08	41.82 3.10 0.52	40.61 2.63 0.21
HIGH_RIVER___SOLAR 323847	45.91 1.46 0.00	42.24 1.31 0.00	35.95 1.01 0.00	35.31 1.00 0.00	35.93 1.05 0.00	39.06 1.25 0.00	47.93 1.75 0.00	51.59 1.99 0.00	48.91 1.77 -0.42	48.09 1.42 -0.87	48.06 1.28 -1.02	48.80 1.44 -1.00	47.49 1.35 -1.16	48.45 1.43 -0.96	46.41 1.41 -0.99	48.82 1.85 -0.87	50.65 1.99 -0.09	56.00 2.31 0.00	53.75 2.26 0.00	49.21 2.12 -0.04	47.04 2.02 -0.10	43.76 1.80 -0.08	41.29 1.57 -0.47	39.78 1.41 -0.19

HILLBURN___GT 23639	45.87 1.42 0.00	42.16 1.23 0.00	35.88 0.94 0.00	35.31 1.00 0.00	36.00 1.12 0.00	39.17 1.36 0.00	48.16 1.98 0.00	51.88 2.28 0.00	45.47 2.38 3.62	40.68 2.38 7.50	39.38 2.38 8.76	40.10 2.36 8.62	37.33 2.34 9.98	40.26 2.49 8.29	37.94 2.51 8.57	41.25 2.67 7.53	50.75 2.91 0.74	56.69 3.00 0.00	54.42 2.93 0.00	49.74 3.01 0.33	46.87 2.79 0.84	43.74 2.51 0.65	37.48 2.31 4.08	38.44 1.87 1.61
HILLSIDE_115KV_TB1 80332	43.96 -0.49 0.00	40.40 -0.53 0.00	34.62 -0.31 0.00	33.90 -0.41 0.00	34.50 -0.38 0.00	37.40 -0.42 0.00	45.62 -0.55 0.00	48.91 -0.69 0.00	45.69 -1.03 0.00	44.98 -0.82 0.00	45.08 -0.69 0.00	45.57 -0.79 0.00	44.31 -0.67 0.00	45.42 -0.64 0.00	43.26 -0.75 0.00	45.32 -0.78 0.00	47.60 -0.97 0.00	52.99 -0.70 0.00	50.87 -0.62 0.00	46.02 -1.04 0.00	43.80 -1.12 0.00	41.13 -0.75 0.00	38.46 -0.78 0.00	37.80 -0.38 0.00
HISHELDN_WT_PWR 323625	42.93 -1.51 0.00	39.38 -1.56 0.00	33.99 -0.94 0.00	33.29 -1.03 0.00	33.74 -1.15 0.00	36.34 -1.48 0.00	44.05 -2.12 0.00	46.82 -2.78 0.00	43.35 -3.36 0.00	42.55 -3.25 0.00	42.79 -2.97 0.00	43.11 -3.25 0.00	41.97 -3.01 0.00	43.02 -3.04 0.00	40.93 -3.08 0.00	42.78 -3.32 0.00	44.79 -3.79 0.00	50.09 -3.60 0.00	48.09 -3.40 0.00	42.91 -4.14 0.00	40.83 -4.09 0.00	38.78 -3.10 0.00	36.54 -2.71 0.00	36.54 -1.64 0.00
HOLTSVILLE_IC_1 23690	47.11 2.67 0.00	43.02 2.09 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.38 2.57 0.00	50.36 3.56 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.36 3.76 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	66.96 3.96 -16.93	68.91 4.05 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
HOLTSVILLE_IC_10 23699	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.38 5.15 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.22 4.20 -4.77	44.10 3.67 -2.26
HOLTSVILLE_IC_2 23691	47.11 2.67 0.00	43.02 2.09 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.38 2.57 0.00	50.36 3.56 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.36 3.76 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	66.96 3.96 -16.93	68.91 4.05 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
HOLTSVILLE_IC_3 23692	47.11 2.67 0.00	43.02 2.09 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.38 2.57 0.00	50.36 3.56 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.36 3.76 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	66.96 3.96 -16.93	68.91 4.05 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
HOLTSVILLE_IC_4 23693	47.11 2.67 0.00	43.02 2.09 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.38 2.57 0.00	50.36 3.56 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.36 3.76 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	66.96 3.96 -16.93	68.91 4.05 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
HOLTSVILLE_IC_5 23694	47.11 2.67 0.00	43.02 2.09 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.38 2.57 0.00	50.36 3.56 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.36 3.76 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	66.96 3.96 -16.93	68.91 4.05 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.88 4.83 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
HOLTSVILLE_IC_6 23695	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.38 5.15 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.22 4.20 -4.77	44.10 3.67 -2.26
HOLTSVILLE_IC_7 23696	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.38 5.15 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.22 4.20 -4.77	44.10 3.67 -2.26
HOLTSVILLE_IC_8 23697	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.38 5.15 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.22 4.20 -4.77	44.10 3.67 -2.26
HOLTSVILLE_IC_9 23698	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.38 5.15 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.22 4.20 -4.77	44.10 3.67 -2.26
HOMER_HL_115KV_TB2 355744	44.36 -0.09 0.00	40.69 -0.25 0.00	35.11 0.17 0.00	34.28 -0.03 0.00	34.82 -0.07 0.00	37.77 -0.04 0.00	45.62 -0.55 0.00	48.66 -0.94 0.00	45.08 -1.63 0.00	44.11 -1.69 0.00	44.44 -1.33 0.00	44.83 -1.53 0.00	43.63 -1.35 0.00	44.82 -1.24 0.00	42.56 -1.45 0.00	44.49 -1.61 0.00	46.49 -2.09 0.00	52.13 -1.56 0.00	50.10 -1.39 0.00	44.65 -2.40 0.00	42.50 -2.43 0.00	40.25 -1.63 0.00	37.95 -1.30 0.00	37.87 -0.31 0.00
HOWARD_WT_PWR 323690	44.67 0.22 0.00	40.93 0.00 0.00	35.21 0.28 0.00	34.45 0.14 0.00	34.99 0.10 0.00	37.81 0.00 0.00	46.04 -0.14 0.00	49.30 -0.30 0.00	45.68 -1.03 0.00	44.75 -1.05 0.00	44.76 -1.01 0.00	44.88 -1.49 0.00	43.63 -1.35 0.00	44.73 -1.34 0.00	42.73 -1.28 0.00	44.90 -1.20 0.00	47.17 -1.41 0.00	52.67 -1.02 0.00	50.61 -0.88 0.00	45.50 -1.55 0.00	43.12 -1.80 0.00	40.66 -1.22 0.00	37.95 -1.29 0.00	37.68 -0.50 0.00

HQ_GEN_CEDARS 23644	45.29 0.84 0.00	41.87 0.94 0.00	35.67 0.73 0.00	35.11 0.79 0.00	35.55 0.66 0.00	37.32 -0.49 0.00	45.34 -0.83 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.12 -0.69 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.49 -2.20 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.30 -0.88 0.00
HQ_GEN_CEDARS_PROXY 323590	45.25 0.80 0.00	41.79 0.86 0.00	35.67 0.73 0.00	35.00 0.69 0.00	35.55 0.66 0.00	37.21 -0.61 0.00	45.30 -0.88 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.12 -0.69 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.44 -2.25 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.30 -0.88 0.00
HQ_GEN_IMPORT 323601	44.80 0.35 0.00	41.30 0.37 0.00	35.28 0.35 0.00	34.66 0.34 0.00	35.20 0.31 0.00	38.15 0.34 0.00	46.50 0.33 0.00	49.80 0.20 0.00	46.95 0.23 0.00	45.94 0.14 0.00	45.86 0.09 0.00	46.50 0.14 0.00	45.07 0.09 0.00	46.11 0.05 0.00	44.01 0.00 0.00	46.06 -0.05 0.00	48.58 0.00 0.00	53.69 0.00 0.00	51.49 0.00 0.00	47.00 -0.05 0.00	44.97 0.04 0.00	41.84 -0.04 0.00	39.24 0.00 0.00	38.25 0.08 0.00
HQ_GEN_WHEEL 23651	44.80 0.35 0.00	41.30 0.37 0.00	35.28 0.35 0.00	34.66 0.34 0.00	35.20 0.31 0.00	38.15 0.34 0.00	46.50 0.33 0.00	49.80 0.20 0.00	46.95 0.23 0.00	45.94 0.14 0.00	45.86 0.09 0.00	46.50 0.14 0.00	45.07 0.09 0.00	46.11 0.05 0.00	44.01 0.00 0.00	46.06 -0.05 0.00	48.58 0.00 0.00	53.69 0.00 0.00	51.49 0.00 0.00	47.00 -0.05 0.00	44.97 0.04 0.00	41.84 -0.04 0.00	39.24 0.00 0.00	38.25 0.08 0.00
HUDSON_AVE_GT_3 23810	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.81 2.92 -5.53	54.31 2.92 -6.40	54.42 3.04 -5.32	52.59 3.08 -5.50	54.20 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.48 3.18 -0.42	44.88 3.02 -2.62	41.73 2.52 -1.03
HUDSON_AVE_GT_4 23540	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.81 2.92 -5.53	54.31 2.92 -6.40	54.42 3.04 -5.32	52.59 3.08 -5.50	54.20 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.48 3.18 -0.42	44.88 3.02 -2.62	41.73 2.52 -1.03
HUDSON_AVE_GT_5 23657	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.81 2.92 -5.53	54.31 2.92 -6.40	54.42 3.04 -5.32	52.59 3.08 -5.50	54.20 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.93 3.67 -0.21	48.92 3.46 -0.54	45.48 3.18 -0.42	44.88 3.02 -2.62	41.73 2.52 -1.03
HUDSON_AVE_10 24168	46.14 1.69 0.00	42.32 1.39 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.18 1.29 0.00	39.32 1.51 0.00	48.39 2.22 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.18 2.79 -5.62	54.72 2.83 -5.53	54.22 2.83 -6.40	54.33 2.95 -5.32	52.50 2.99 -5.50	54.11 3.18 -4.83	52.55 3.50 -0.48	57.07 3.38 0.00	54.83 3.35 0.00	50.88 3.62 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.65 2.44 -1.03
HUDSON___115KV_TB 4 355613	46.40 1.96 0.00	42.69 1.76 0.00	36.36 1.43 0.00	35.76 1.44 0.00	36.21 1.33 0.00	39.06 1.25 0.00	47.79 1.62 0.00	51.44 1.84 0.00	48.85 1.73 -0.41	48.20 1.56 -0.84	48.17 1.42 -0.98	48.76 1.44 -0.97	47.45 1.35 -1.12	48.47 1.47 -0.93	46.47 1.50 -0.96	48.79 1.84 -0.84	50.60 1.94 -0.08	55.94 2.25 0.00	53.65 2.16 0.00	49.16 2.07 -0.04	46.95 1.93 -0.09	43.71 1.76 -0.07	41.47 1.77 -0.46	39.92 1.57 -0.18
HUNTER MOUNT___DRP 323613	46.67 2.22 0.00	42.98 2.05 0.00	36.57 1.64 0.00	35.93 1.61 0.00	36.39 1.50 0.00	39.25 1.44 0.00	48.11 1.94 0.00	51.63 2.03 0.00	48.92 1.92 -0.30	48.11 1.69 -0.61	48.04 1.56 -0.72	48.64 1.58 -0.70	47.24 1.44 -0.82	48.31 1.57 -0.68	46.29 1.58 -0.70	48.70 1.98 -0.62	50.82 2.19 -0.06	56.27 2.58 0.00	53.91 2.42 0.00	49.38 2.31 -0.03	47.06 2.07 -0.07	43.82 1.88 -0.05	41.46 1.88 -0.33	40.03 1.72 -0.13
HUNTINGTON_RES_REC 323705	47.07 2.62 0.00	42.98 2.05 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.56 1.67 0.00	40.31 2.49 0.00	50.27 3.46 -0.63	56.80 3.92 -3.28	54.99 3.97 -4.31	54.31 3.71 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	67.00 3.82 -18.20	67.00 4.01 -16.93	68.91 4.05 -20.85	71.35 4.33 -20.91	73.73 4.71 -20.45	78.93 4.89 -20.35	74.03 4.79 -17.75	70.12 4.75 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.82 3.81 -4.77	43.76 3.32 -2.26
HUNTLEY___63 23557	42.27 -2.18 0.00	38.89 -2.05 0.00	33.64 -1.29 0.00	32.84 -1.48 0.00	33.32 -1.57 0.00	36.15 -1.66 0.00	43.36 -2.82 0.00	46.03 -3.57 0.00	42.56 -4.16 0.00	41.82 -3.98 0.00	42.15 -3.62 0.00	42.56 -3.80 0.00	41.43 -3.55 0.00	42.47 -3.59 0.00	40.31 -3.70 0.00	42.09 -4.01 0.00	44.01 -4.57 0.00	49.13 -4.56 0.00	47.21 -4.27 0.00	42.11 -4.94 0.00	40.07 -4.85 0.00	38.19 -3.69 0.00	36.10 -3.14 0.00	36.27 -1.91 0.00
HUNTLEY___64 23558	42.27 -2.18 0.00	38.89 -2.05 0.00	33.64 -1.29 0.00	32.84 -1.48 0.00	33.32 -1.57 0.00	36.15 -1.66 0.00	43.36 -2.82 0.00	46.03 -3.57 0.00	42.56 -4.16 0.00	41.82 -3.98 0.00	42.15 -3.62 0.00	42.56 -3.80 0.00	41.43 -3.55 0.00	42.47 -3.59 0.00	40.31 -3.70 0.00	42.09 -4.01 0.00	44.01 -4.57 0.00	49.13 -4.56 0.00	47.21 -4.27 0.00	42.11 -4.94 0.00	40.07 -4.85 0.00	38.19 -3.69 0.00	36.10 -3.14 0.00	36.27 -1.91 0.00
HUNTLEY___65 23559	42.27 -2.18 0.00	38.89 -2.05 0.00	33.64 -1.29 0.00	32.84 -1.48 0.00	33.32 -1.57 0.00	36.15 -1.66 0.00	43.36 -2.82 0.00	46.03 -3.57 0.00	42.56 -4.16 0.00	41.82 -3.98 0.00	42.15 -3.62 0.00	42.56 -3.80 0.00	41.43 -3.55 0.00	42.47 -3.59 0.00	40.31 -3.70 0.00	42.09 -4.01 0.00	44.01 -4.57 0.00	49.13 -4.56 0.00	47.21 -4.27 0.00	42.11 -4.94 0.00	40.07 -4.85 0.00	38.19 -3.69 0.00	36.10 -3.14 0.00	36.27 -1.91 0.00
HUNTLEY___66 23560	42.27 -2.18 0.00	38.89 -2.05 0.00	33.64 -1.29 0.00	32.84 -1.48 0.00	33.32 -1.57 0.00	36.15 -1.66 0.00	43.36 -2.82 0.00	46.03 -3.57 0.00	42.56 -4.16 0.00	41.82 -3.98 0.00	42.15 -3.62 0.00	42.56 -3.80 0.00	41.43 -3.55 0.00	42.47 -3.59 0.00	40.31 -3.70 0.00	42.09 -4.01 0.00	44.01 -4.57 0.00	49.13 -4.56 0.00	47.21 -4.27 0.00	42.11 -4.94 0.00	40.07 -4.85 0.00	38.19 -3.69 0.00	36.10 -3.14 0.00	36.27 -1.91 0.00

HUNTLEY___67 23561	42.05 -2.40 0.00	38.72 -2.21 0.00	33.47 -1.47 0.00	32.70 -1.61 0.00	33.18 -1.71 0.00	35.96 -1.85 0.00	43.17 -3.00 0.00	45.73 -3.87 0.00	42.28 -4.44 0.00	41.50 -4.31 0.00	41.78 -3.98 0.00	42.19 -4.17 0.00	41.07 -3.91 0.00	42.10 -3.96 0.00	40.00 -4.00 0.00	41.77 -4.33 0.00	43.72 -4.86 0.00	48.80 -4.89 0.00	46.85 -4.63 0.00	41.83 -5.22 0.00	39.85 -5.08 0.00	37.99 -3.89 0.00	35.91 -3.34 0.00	36.04 -2.14 0.00
HUNTLEY___68 23562	42.05 -2.40 0.00	38.72 -2.21 0.00	33.47 -1.47 0.00	32.70 -1.61 0.00	33.18 -1.71 0.00	35.96 -1.85 0.00	43.17 -3.00 0.00	45.73 -3.87 0.00	42.28 -4.44 0.00	41.50 -4.31 0.00	41.78 -3.98 0.00	42.19 -4.17 0.00	41.07 -3.91 0.00	42.10 -3.96 0.00	40.00 -4.00 0.00	41.77 -4.33 0.00	43.72 -4.86 0.00	48.80 -4.89 0.00	46.85 -4.63 0.00	41.83 -5.22 0.00	39.85 -5.08 0.00	37.99 -3.89 0.00	35.91 -3.34 0.00	36.04 -2.14 0.00
HYLAND___LFGE 323620	45.02 0.58 0.00	41.30 0.37 0.00	35.53 0.59 0.00	34.76 0.44 0.00	35.27 0.38 0.00	38.04 0.23 0.00	46.68 0.51 0.00	50.24 0.64 0.00	46.15 -0.56 0.00	45.12 -0.69 0.00	45.22 -0.55 0.00	45.57 -0.79 0.00	44.22 -0.76 0.00	45.37 -0.69 0.00	43.26 -0.75 0.00	45.46 -0.65 0.00	48.38 -0.19 0.00	54.23 0.54 0.00	51.95 0.46 0.00	46.72 -0.33 0.00	44.25 -0.67 0.00	41.80 -0.08 0.00	38.97 -0.27 0.00	38.52 0.34 0.00
INDECK___CORINTH 23802	46.18 1.73 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.31 1.00 0.00	35.90 1.01 0.00	39.02 1.21 0.00	48.16 1.98 0.00	51.98 2.38 0.00	49.49 2.29 -0.49	49.01 2.20 -1.01	49.01 2.06 -1.18	49.75 2.23 -1.16	48.53 2.20 -1.35	49.44 2.26 -1.12	47.23 2.07 -1.16	49.51 2.40 -1.02	50.96 2.28 -0.10	56.37 2.68 0.00	54.11 2.62 0.00	49.54 2.45 -0.04	47.46 2.42 -0.11	43.98 2.01 -0.09	41.48 1.69 -0.55	39.77 1.37 -0.22
INDECK___ILION 23567	45.29 0.84 0.00	41.71 0.78 0.00	35.60 0.66 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.53 0.72 0.00	47.05 0.88 0.00	50.49 0.89 0.00	47.55 0.84 0.00	46.58 0.78 0.00	46.54 0.78 0.00	47.10 0.74 0.00	45.70 0.72 0.00	46.75 0.69 0.00	44.67 0.66 0.00	46.80 0.69 0.00	49.30 0.73 0.00	54.55 0.86 0.00	52.26 0.77 0.00	47.80 0.75 0.00	45.64 0.72 0.00	42.59 0.71 0.00	39.91 0.67 0.00	38.83 0.65 0.00
INDECK___OLEAN 23982	44.36 -0.09 0.00	40.65 -0.28 0.00	35.04 0.11 0.00	34.28 -0.03 0.00	34.78 -0.10 0.00	37.55 -0.26 0.00	45.62 -0.55 0.00	48.66 -0.94 0.00	45.08 -1.64 0.00	44.20 -1.60 0.00	44.44 -1.33 0.00	44.83 -1.53 0.00	43.63 -1.35 0.00	44.82 -1.24 0.00	42.56 -1.45 0.00	44.49 -1.61 0.00	46.49 -2.09 0.00	52.19 -1.50 0.00	50.15 -1.34 0.00	44.65 -2.40 0.00	42.50 -2.43 0.00	40.25 -1.63 0.00	37.91 -1.33 0.00	37.87 -0.31 0.00
INDECK___OSWEGO 23783	43.02 -1.42 0.00	39.54 -1.39 0.00	33.74 -1.19 0.00	33.15 -1.17 0.00	33.70 -1.19 0.00	36.53 -1.29 0.00	44.65 -1.52 0.00	48.11 -1.49 0.00	45.22 -1.50 0.00	44.43 -1.37 0.00	44.49 -1.28 0.00	45.01 -1.35 0.00	43.72 -1.26 0.00	44.77 -1.29 0.00	42.73 -1.28 0.00	44.72 -1.38 0.00	47.12 -1.46 0.00	52.13 -1.56 0.00	49.99 -1.49 0.00	45.59 -1.46 0.00	43.44 -1.48 0.00	40.58 -1.30 0.00	37.91 -1.33 0.00	36.99 -1.18 0.00
INDECK___YERKES 23781	42.31 -2.13 0.00	38.85 -2.09 0.00	33.61 -1.33 0.00	32.91 -1.41 0.00	33.35 -1.53 0.00	35.84 -1.97 0.00	43.41 -2.77 0.00	46.08 -3.52 0.00	42.65 -4.06 0.00	41.96 -3.85 0.00	42.20 -3.57 0.00	42.61 -3.75 0.00	41.47 -3.51 0.00	42.52 -3.55 0.00	40.36 -3.65 0.00	42.14 -3.97 0.00	44.06 -4.52 0.00	49.29 -4.40 0.00	47.37 -4.12 0.00	42.16 -4.89 0.00	40.12 -4.81 0.00	38.24 -3.64 0.00	36.14 -3.10 0.00	36.31 -1.87 0.00
INDIAN POINT_GT_1 24139	46.00 1.56 0.00	42.24 1.31 0.00	35.98 1.05 0.00	35.38 1.06 0.00	36.11 1.22 0.00	39.17 1.36 0.00	48.11 1.94 0.00	51.88 2.28 0.00	51.64 2.43 -2.50	53.45 2.47 -5.18	54.24 2.43 -6.05	54.77 2.46 -5.95	54.30 2.43 -6.89	54.32 2.53 -5.72	52.52 2.60 -5.92	54.07 2.77 -5.20	52.10 3.01 -0.51	56.70 3.01 0.00	54.47 2.99 0.00	50.33 3.06 -0.23	48.37 2.87 -0.58	44.93 2.60 -0.45	44.49 2.43 -2.82	41.27 1.99 -1.11
INDIAN POINT_GT_2 23659	46.00 1.56 0.00	42.24 1.31 0.00	35.98 1.05 0.00	35.38 1.06 0.00	36.11 1.22 0.00	39.17 1.36 0.00	48.11 1.94 0.00	51.88 2.28 0.00	51.64 2.43 -2.50	53.45 2.47 -5.18	54.24 2.43 -6.05	54.77 2.46 -5.95	54.30 2.43 -6.89	54.32 2.53 -5.72	52.52 2.60 -5.92	54.07 2.77 -5.20	52.10 3.01 -0.51	56.70 3.01 0.00	54.47 2.99 0.00	50.33 3.06 -0.23	48.37 2.87 -0.58	44.93 2.60 -0.45	44.49 2.43 -2.82	41.27 1.99 -1.11
INDIAN POINT_GT_3 24019	46.00 1.56 0.00	42.24 1.31 0.00	35.98 1.05 0.00	35.38 1.06 0.00	36.11 1.22 0.00	39.17 1.36 0.00	48.11 1.94 0.00	51.88 2.28 0.00	51.64 2.43 -2.50	53.45 2.47 -5.18	54.24 2.43 -6.05	54.77 2.46 -5.95	54.30 2.43 -6.89	54.32 2.53 -5.72	52.52 2.60 -5.92	54.07 2.77 -5.20	52.10 3.01 -0.51	56.70 3.01 0.00	54.47 2.99 0.00	50.33 3.06 -0.23	48.37 2.87 -0.58	44.93 2.60 -0.45	44.49 2.43 -2.82	41.27 1.99 -1.11
INDIAN POINT___2 23530	45.96 1.51 0.00	42.20 1.27 0.00	35.91 0.98 0.00	35.34 1.03 0.00	36.04 1.15 0.00	39.21 1.40 0.00	48.07 1.89 0.00	51.78 2.18 0.00	52.03 2.33 -2.98	54.30 2.33 -6.17	55.25 2.29 -7.20	55.72 2.27 -7.08	55.47 2.29 -8.20	55.27 2.39 -6.81	53.51 2.46 -7.04	54.91 2.63 -6.18	52.05 2.87 -0.61	56.53 2.84 0.00	54.27 2.78 0.00	50.24 2.92 -0.27	48.35 2.74 -0.69	44.93 2.51 -0.54	44.91 2.31 -3.35	41.41 1.91 -1.32
INDIAN POINT___3 23531	45.96 1.51 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.35 1.03 0.00	36.07 1.19 0.00	39.14 1.32 0.00	48.07 1.89 0.00	51.83 2.23 0.00	51.63 2.38 -2.53	53.47 2.43 -5.24	54.26 2.38 -6.12	54.74 2.36 -6.02	54.29 2.34 -6.97	54.29 2.44 -5.79	52.50 2.51 -5.98	54.03 2.67 -5.26	52.01 2.91 -0.52	56.59 2.90 0.00	54.37 2.88 0.00	50.24 2.96 -0.23	48.29 2.79 -0.58	44.89 2.55 -0.46	44.45 2.35 -2.85	41.25 1.95 -1.12
INGHAM_C_115KV_TB7 356103	46.18 1.73 0.00	42.57 1.64 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.32 1.43 0.00	39.32 1.51 0.00	47.98 1.80 0.00	51.39 1.79 0.00	48.30 1.59 0.00	47.27 1.47 0.00	47.14 1.37 0.00	47.66 1.30 0.00	46.29 1.30 0.00	47.31 1.24 0.00	45.15 1.14 0.00	47.30 1.20 0.00	49.79 1.21 0.00	55.14 1.45 0.00	52.88 1.39 0.00	48.42 1.36 0.00	46.22 1.30 0.00	43.22 1.34 0.00	40.50 1.26 0.00	39.44 1.26 0.00
IP CORINTH___1 23988	46.40 1.96 0.00	42.41 1.47 0.00	36.12 1.19 0.00	35.48 1.17 0.00	36.07 1.19 0.00	39.17 1.36 0.00	48.34 2.17 0.00	52.23 2.63 0.00	49.77 2.57 -0.49	49.24 2.43 -1.01	49.24 2.29 -1.18	50.03 2.50 -1.16	48.76 2.43 -1.35	49.72 2.53 -1.12	47.50 2.33 -1.16	49.79 2.67 -1.02	51.20 2.53 -0.10	56.70 3.01 0.00	54.42 2.93 0.00	49.78 2.68 -0.04	47.68 2.65 -0.11	44.23 2.26 -0.09	41.72 1.92 -0.55	40.00 1.60 -0.22

IP___TICONDEROGA 23804	48.36 3.91 0.00	44.13 3.19 0.00	37.55 2.62 0.00	36.86 2.54 0.00	37.47 2.58 0.00	40.84 3.02 0.00	50.65 4.48 0.00	54.86 5.26 0.00	52.20 5.00 -0.49	51.63 4.81 -1.02	51.58 4.62 -1.19	52.44 4.91 -1.17	50.97 4.63 -1.35	51.98 4.79 -1.12	49.71 4.53 -1.16	52.20 5.07 -1.02	53.53 4.86 -0.10	59.43 5.74 0.00	57.10 5.61 0.00	52.08 4.99 -0.04	49.93 4.90 -0.11	46.20 4.23 -0.09	43.41 3.61 -0.55	41.64 3.25 -0.22
ISLIP_RES_REC 323679	47.56 3.11 0.00	43.35 2.41 0.00	36.23 1.29 0.00	35.69 1.37 0.00	36.91 2.02 0.00	40.72 2.91 0.00	50.87 4.06 -0.63	57.44 4.56 -3.28	55.60 4.58 -4.31	54.86 4.26 -4.80	55.78 4.39 -5.62	60.60 4.50 -9.74	67.54 4.36 -18.20	67.56 4.56 -16.93	69.48 4.62 -20.85	71.95 4.94 -20.91	74.41 5.39 -20.45	79.68 5.64 -20.35	74.69 5.46 -17.75	70.74 5.36 -18.32	68.63 5.07 -18.63	58.27 4.57 -11.83	48.37 4.36 -4.77	44.26 3.82 -2.26
JAMAICA__27_KV_LOAD 355505	46.22 1.78 0.00	42.37 1.43 0.00	36.05 1.12 0.00	35.45 1.13 0.00	36.21 1.33 0.00	39.40 1.59 0.00	48.58 2.40 0.00	52.48 2.88 0.00	52.21 3.18 -2.32	53.73 3.11 -4.81	54.45 3.07 -5.62	55.04 3.15 -5.53	54.49 3.10 -6.40	54.60 3.22 -5.32	52.81 3.30 -5.50	54.43 3.50 -4.83	52.94 3.89 -0.48	57.55 3.87 0.00	55.30 3.81 0.00	51.26 4.00 -0.21	49.23 3.77 -0.54	45.69 3.39 -0.42	44.96 3.10 -2.62	41.77 2.56 -1.03
JANIS___SOLAR 323808	46.09 1.65 0.00	42.36 1.43 0.00	36.15 1.22 0.00	35.55 1.23 0.00	36.14 1.25 0.00	39.21 1.40 0.00	48.20 2.03 0.00	50.89 1.29 0.00	47.60 0.89 0.00	46.67 0.87 0.00	46.68 0.91 0.00	47.15 0.79 0.00	51.25 6.97 0.70	52.66 7.18 0.59	50.18 6.77 0.61	52.85 7.28 0.53	56.54 8.01 0.05	56.48 2.79 0.00	54.16 2.68 0.00	49.17 2.12 0.00	46.76 1.84 0.00	43.64 1.76 0.00	40.50 1.26 0.00	39.59 1.41 0.00
JARVIS____ 23743	44.54 0.09 0.00	41.01 0.08 0.00	35.00 0.07 0.00	34.38 0.07 0.00	34.96 0.07 0.00	37.89 0.08 0.00	46.27 0.09 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.99 0.18 0.00	45.95 0.18 0.00	46.55 0.19 0.00	45.16 0.18 0.00	46.25 0.18 0.00	44.19 0.18 0.00	46.29 0.19 0.00	48.77 0.20 0.00	53.85 0.16 0.00	51.64 0.15 0.00	47.24 0.19 0.00	45.10 0.18 0.00	42.05 0.17 0.00	39.40 0.16 0.00	38.29 0.11 0.00
JENNISON___1 23625	46.40 1.96 0.00	42.69 1.76 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.46 1.57 0.00	39.51 1.70 0.00	48.48 2.31 0.00	53.07 3.47 0.00	49.73 3.27 0.26	48.62 3.34 0.53	48.72 3.57 0.62	49.37 3.62 0.61	48.05 3.78 0.70	49.35 3.87 0.59	46.93 3.52 0.61	49.35 3.78 0.53	52.56 4.03 0.05	56.86 3.17 0.00	54.42 2.93 0.00	49.47 2.45 0.02	47.06 2.20 0.06	43.89 2.05 0.05	40.60 1.65 0.29	39.82 1.76 0.11
JENNISON___2 23626	46.40 1.96 0.00	42.69 1.76 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.46 1.57 0.00	39.51 1.70 0.00	48.48 2.31 0.00	53.07 3.47 0.00	49.73 3.27 0.26	48.62 3.34 0.53	48.72 3.57 0.62	49.37 3.62 0.61	48.05 3.78 0.70	49.35 3.87 0.59	46.93 3.52 0.61	49.35 3.78 0.53	52.56 4.03 0.05	56.86 3.17 0.00	54.42 2.93 0.00	49.47 2.45 0.02	47.06 2.20 0.06	43.89 2.05 0.05	40.60 1.65 0.29	39.82 1.76 0.11
JERICHO_RISE_WT_PWR 323719	45.69 1.24 0.00	42.24 1.31 0.00	36.02 1.08 0.00	35.38 1.06 0.00	35.97 1.08 0.00	38.91 1.10 0.00	47.47 1.29 0.00	50.35 0.75 0.00	47.46 0.75 0.00	46.21 0.41 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.25 0.27 0.00	46.20 0.14 0.00	43.75 -0.26 0.00	45.64 -0.46 0.00	48.04 -0.53 0.00	53.32 -0.37 0.00	51.28 -0.21 0.00	46.72 -0.33 0.00	44.88 -0.04 0.00	41.42 -0.46 0.00	38.97 -0.27 0.00	38.03 -0.15 0.00
KATONAH___115KV_46KV_TB4 355592	46.49 2.04 0.00	42.65 1.72 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.42 1.54 0.00	39.59 1.78 0.00	48.62 2.45 0.00	52.38 2.78 0.00	51.51 3.04 -1.77	52.53 3.07 -3.65	53.15 3.11 -4.27	53.71 3.15 -4.20	52.95 3.10 -4.86	53.37 3.27 -4.04	51.44 3.26 -4.17	53.18 3.41 -3.67	52.68 3.74 -0.36	57.39 3.70 0.00	55.19 3.71 0.00	50.97 3.76 -0.16	48.79 3.46 -0.41	45.26 3.06 -0.32	44.02 2.79 -1.99	41.29 2.33 -0.78
KCE_NY_1 323755	46.80 2.35 0.00	42.94 2.01 0.00	36.54 1.61 0.00	35.90 1.58 0.00	36.49 1.61 0.00	39.63 1.81 0.00	48.71 2.54 0.00	52.53 2.93 0.00	50.02 2.80 -0.50	49.54 2.70 -1.04	49.59 2.61 -1.21	50.29 2.73 -1.19	49.02 2.65 -1.38	49.93 2.72 -1.15	47.84 2.64 -1.19	50.10 2.95 -1.04	51.59 2.91 -0.10	57.02 3.33 0.00	54.73 3.25 0.00	50.11 3.01 -0.05	47.96 2.92 -0.12	44.53 2.56 -0.09	42.08 2.28 -0.56	40.42 2.02 -0.22
KCE_NY_6_ESR 323823	43.02 -1.42 0.00	39.46 -1.47 0.00	34.09 -0.84 0.00	33.39 -0.92 0.00	33.87 -1.01 0.00	36.45 -1.36 0.00	44.14 -2.03 0.00	46.87 -2.73 0.00	43.35 -3.36 0.00	42.60 -3.21 0.00	42.88 -2.88 0.00	43.25 -3.11 0.00	42.15 -2.83 0.00	43.21 -2.86 0.00	41.02 -2.99 0.00	42.83 -3.27 0.00	44.74 -3.84 0.00	50.09 -3.60 0.00	48.14 -3.35 0.00	42.86 -4.19 0.00	40.79 -4.13 0.00	38.82 -3.06 0.00	36.65 -2.59 0.00	36.80 -1.37 0.00
KEDC_PORT_JEFF_GT2 24210	47.38 2.93 0.00	43.18 2.25 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.54 2.72 0.00	50.59 3.79 -0.63	57.15 4.27 -3.28	55.32 4.29 -4.31	54.59 3.98 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.27 4.09 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.07 5.05 -20.45	79.31 5.26 -20.35	74.38 5.15 -17.75	70.46 5.08 -18.32	68.36 4.81 -18.63	58.06 4.36 -11.83	48.18 4.16 -4.77	44.07 3.63 -2.26
KEDC_PORT_JEFF_GT3 24211	47.38 2.93 0.00	43.18 2.25 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.54 2.72 0.00	50.59 3.79 -0.63	57.15 4.27 -3.28	55.32 4.29 -4.31	54.59 3.98 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.27 4.09 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.65 -20.91	74.07 5.05 -20.45	79.31 5.26 -20.35	74.38 5.15 -17.75	70.46 5.08 -18.32	68.36 4.81 -18.63	58.06 4.36 -11.83	48.18 4.16 -4.77	44.07 3.63 -2.26
KEDC_GLWD_GT4 24219	46.62 2.18 0.00	42.69 1.76 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.39 1.50 0.00	39.85 2.04 0.00	49.62 2.82 -0.63	56.06 3.18 -3.28	54.39 3.37 -4.31	53.86 3.25 -4.80	54.68 3.30 -5.62	59.30 3.20 -9.74	66.33 3.15 -18.20	66.31 3.32 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.18 3.81 -18.32	67.15 3.60 -18.63	57.14 3.43 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
KEDC_GLWD_GT5 24220	46.62 2.18 0.00	42.69 1.76 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.39 1.50 0.00	39.85 2.04 0.00	49.62 2.82 -0.63	56.06 3.18 -3.28	54.39 3.37 -4.31	53.86 3.25 -4.80	54.68 3.30 -5.62	59.30 3.20 -9.74	66.33 3.15 -18.20	66.31 3.32 -16.93	68.17 3.30 -20.85	70.52 3.50 -20.91	72.81 3.79 -20.45	77.86 3.81 -20.35	72.99 3.76 -17.75	69.18 3.81 -18.32	67.15 3.60 -18.63	57.14 3.43 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26

KENSICO____ 23655	46.18 1.73 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.21 1.33 0.00	39.32 1.51 0.00	48.30 2.12 0.00	52.03 2.43 0.00	51.77 2.66 -2.39	53.46 2.70 -4.95	54.20 2.65 -5.78	54.69 2.64 -5.69	54.18 2.61 -6.59	54.30 2.76 -5.47	52.44 2.77 -5.66	54.02 2.95 -4.97	52.27 3.21 -0.49	56.91 3.22 0.00	54.68 3.19 0.00	50.56 3.29 -0.22	48.53 3.05 -0.55	45.12 2.81 -0.43	44.57 2.63 -2.69	41.41 2.18 -1.06
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.85 2.40 0.00	43.02 2.09 0.00	36.61 1.68 0.00	35.96 1.65 0.00	36.74 1.85 0.00	39.97 2.16 0.00	49.27 3.09 0.00	52.92 3.32 0.00	49.14 3.22 0.79	47.28 3.11 1.64	46.87 3.02 1.91	47.49 3.01 1.88	45.73 2.92 2.18	47.34 3.09 1.81	45.26 3.12 1.87	47.96 3.50 1.64	52.45 4.03 0.16	58.04 4.35 0.00	55.61 4.12 0.00	51.03 4.05 0.07	48.42 3.68 0.18	45.09 3.35 0.14	41.30 2.94 0.89	40.35 2.52 0.35
KIAC_JFK_GT1 23816	46.09 1.64 0.00	42.24 1.31 0.00	35.95 1.01 0.00	35.35 1.03 0.00	36.11 1.22 0.00	39.29 1.47 0.00	48.44 2.26 0.00	52.28 2.68 0.00	52.03 2.99 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.86 2.97 -5.53	54.35 2.97 -6.40	54.46 3.09 -5.32	52.63 3.12 -5.50	54.30 3.37 -4.83	52.74 3.69 -0.48	57.34 3.65 0.00	55.09 3.60 0.00	51.07 3.81 -0.21	49.05 3.59 -0.54	45.52 3.22 -0.42	44.84 2.98 -2.62	41.65 2.44 -1.03
KIAC_JFK_GT2 23817	46.09 1.64 0.00	42.24 1.31 0.00	35.95 1.01 0.00	35.35 1.03 0.00	36.11 1.22 0.00	39.29 1.47 0.00	48.44 2.26 0.00	52.28 2.68 0.00	52.03 2.99 -2.32	53.59 2.98 -4.81	54.27 2.88 -5.62	54.86 2.97 -5.53	54.35 2.97 -6.40	54.46 3.09 -5.32	52.63 3.12 -5.50	54.30 3.37 -4.83	52.74 3.69 -0.48	57.34 3.65 0.00	55.09 3.60 0.00	51.07 3.81 -0.21	49.05 3.59 -0.54	45.52 3.22 -0.42	44.84 2.98 -2.62	41.65 2.44 -1.03
KIAC_JFK____ 323774	46.09 1.65 0.00	42.28 1.35 0.00	35.95 1.01 0.00	35.38 1.06 0.00	36.11 1.22 0.00	39.40 1.59 0.00	48.39 2.22 0.00	52.28 2.68 0.00	52.03 2.99 -2.32	53.59 2.98 -4.81	54.27 2.89 -5.62	54.86 2.97 -5.53	54.35 2.97 -6.40	54.47 3.09 -5.32	52.63 3.13 -5.50	54.29 3.36 -4.83	52.74 3.69 -0.48	57.29 3.60 0.00	55.04 3.55 0.00	51.07 3.81 -0.21	49.05 3.60 -0.54	45.52 3.23 -0.42	44.84 2.98 -2.62	41.65 2.45 -1.03
KINTIGH____ 23543	41.42 -3.02 0.00	38.19 -2.74 0.00	32.94 -1.99 0.00	32.19 -2.13 0.00	32.69 -2.20 0.00	35.43 -2.38 0.00	42.71 -3.46 0.00	45.34 -4.27 0.00	41.99 -4.72 0.00	41.22 -4.58 0.00	41.46 -4.30 0.00	41.86 -4.50 0.00	40.80 -4.18 0.00	41.78 -4.28 0.00	39.78 -4.22 0.00	41.59 -4.52 0.00	43.57 -5.00 0.00	48.59 -5.10 0.00	46.65 -4.84 0.00	41.78 -5.27 0.00	39.80 -5.12 0.00	37.86 -4.02 0.00	35.71 -3.53 0.00	35.62 -2.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.40 1.96 0.00	42.90 1.96 0.00	36.54 1.61 0.00	36.00 1.68 0.00	36.49 1.60 0.00	39.63 1.81 0.00	48.39 2.22 0.00	51.19 1.59 0.00	48.21 1.49 0.00	46.95 1.15 0.00	46.91 1.14 0.00	47.47 1.11 0.00	46.02 1.03 0.00	46.94 0.88 0.00	44.54 0.53 0.00	46.43 0.32 0.00	48.96 0.39 0.00	54.39 0.70 0.00	52.31 0.82 0.00	47.52 0.47 0.00	45.69 0.76 0.00	42.05 0.17 0.00	39.52 0.27 0.00	38.56 0.38 0.00
LACHUTE__HYDRO 323717	48.40 3.95 0.00	44.17 3.23 0.00	37.55 2.62 0.00	36.86 2.54 0.00	37.47 2.58 0.00	40.87 3.06 0.00	50.70 4.53 0.00	54.86 5.26 0.00	52.21 5.00 -0.49	51.63 4.81 -1.02	51.58 4.62 -1.19	52.44 4.91 -1.17	50.97 4.63 -1.35	51.98 4.79 -1.12	49.71 4.53 -1.16	52.20 5.07 -1.02	53.53 4.86 -0.10	59.44 5.75 0.00	57.10 5.61 0.00	52.08 4.99 -0.04	49.93 4.90 -0.11	46.20 4.23 -0.09	43.41 3.61 -0.55	41.64 3.24 -0.22
LAWRNCV_115KV_TB1 80681	45.20 0.76 0.00	41.79 0.86 0.00	35.60 0.66 0.00	35.04 0.72 0.00	35.41 0.52 0.00	37.32 -0.49 0.00	45.34 -0.83 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.12 -0.69 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.43 -2.25 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.30 -0.88 0.00
LEDERLE____ 23769	45.96 1.51 0.00	42.20 1.27 0.00	35.95 1.01 0.00	35.38 1.06 0.00	36.07 1.19 0.00	39.17 1.36 0.00	48.16 1.99 0.00	51.93 2.33 0.00	45.18 2.43 3.96	40.03 2.43 8.20	38.61 2.43 9.58	39.35 2.41 9.42	36.45 2.38 10.91	39.49 2.49 9.06	37.19 2.55 9.37	40.59 2.72 8.23	50.73 2.96 0.81	56.75 3.06 0.00	54.47 2.99 0.00	49.75 3.06 0.36	46.84 2.83 0.91	43.72 2.55 0.71	37.14 2.35 4.46	38.37 1.95 1.76
LIGHTHSE_115KV_TB6 355974	43.65 -0.80 0.00	40.11 -0.82 0.00	34.27 -0.66 0.00	33.63 -0.69 0.00	34.22 -0.66 0.00	37.06 -0.76 0.00	45.30 -0.88 0.00	48.76 -0.84 0.00	45.97 -0.75 0.00	45.12 -0.69 0.00	45.26 -0.50 0.00	45.80 -0.56 0.00	44.44 -0.54 0.00	45.51 -0.55 0.00	43.31 -0.70 0.00	45.27 -0.83 0.00	47.75 -0.83 0.00	52.83 -0.86 0.00	50.56 -0.93 0.00	46.06 -0.99 0.00	43.98 -0.94 0.00	41.04 -0.84 0.00	38.30 -0.94 0.00	37.41 -0.76 0.00
LINDEN COGEN____ 23786	45.96 1.51 0.00	42.20 1.27 0.00	35.91 0.98 0.00	35.34 1.03 0.00	36.07 1.19 0.00	39.29 1.47 0.00	48.16 1.98 0.00	51.93 2.33 0.00	51.65 2.61 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	53.90 2.50 -5.04	53.90 2.52 -6.40	53.90 2.62 -5.21	52.28 2.77 -5.50	53.84 2.91 -4.83	52.26 3.21 -0.48	55.24 2.95 1.40	54.42 2.93 0.00	50.65 3.39 -0.21	48.65 3.19 -0.54	45.23 2.93 -0.42	44.61 2.75 -2.62	41.50 2.29 -1.03
LINDHRST_69_KV_BK1 356055	47.51 3.07 0.00	43.14 2.21 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.98 2.09 0.00	40.35 2.53 0.00	50.40 3.60 -0.63	56.95 4.07 -3.28	55.13 4.11 -4.31	54.50 3.89 -4.80	55.37 3.98 -5.62	60.18 4.08 -9.74	67.18 4.00 -18.20	67.19 4.19 -16.93	69.05 4.18 -20.85	71.49 4.47 -20.91	73.88 4.86 -20.45	79.04 4.99 -20.35	74.13 4.89 -17.75	70.27 4.89 -18.32	68.13 4.58 -18.63	57.90 4.19 -11.83	47.94 3.92 -4.78	43.91 3.47 -2.26
LIPA_MISC_IPP 23656	47.65 3.20 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.55 1.24 0.00	37.05 2.16 0.00	40.50 2.68 0.00	50.63 3.83 -0.63	57.20 4.32 -3.28	55.36 4.34 -4.31	54.59 3.98 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.27 4.09 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.66 -20.91	74.12 5.10 -20.45	79.41 5.37 -20.35	74.49 5.25 -17.75	70.50 5.13 -18.32	68.36 4.81 -18.63	58.11 4.40 -11.83	48.22 4.20 -4.78	44.10 3.67 -2.26
LISF__SOLAR 323691	47.47 3.02 0.00	43.26 2.33 0.00	36.15 1.22 0.00	35.62 1.30 0.00	36.84 1.95 0.00	40.65 2.84 0.00	50.72 3.92 -0.63	57.35 4.47 -3.28	55.41 4.39 -4.31	54.68 4.08 -4.80	55.59 4.21 -5.62	60.42 4.31 -9.74	67.36 4.18 -18.20	67.37 4.38 -16.93	69.31 4.44 -20.85	71.76 4.75 -20.91	74.27 5.25 -20.45	79.52 5.48 -20.35	74.59 5.35 -17.75	70.60 5.22 -18.32	68.49 4.94 -18.63	58.19 4.48 -11.83	48.30 4.28 -4.77	44.18 3.74 -2.26

LITTLE FALLS___HYD 24013	46.18 1.73 0.00	42.57 1.64 0.00	36.33 1.40 0.00	35.72 1.41 0.00	36.32 1.43 0.00	39.32 1.51 0.00	47.98 1.80 0.00	51.39 1.79 0.00	48.30 1.59 0.00	47.27 1.47 0.00	47.14 1.37 0.00	47.66 1.30 0.00	46.29 1.30 0.00	47.31 1.24 0.00	45.15 1.14 0.00	47.30 1.20 0.00	49.79 1.21 0.00	55.14 1.45 0.00	52.88 1.39 0.00	48.42 1.36 0.00	46.22 1.30 0.00	43.22 1.34 0.00	40.50 1.26 0.00	39.44 1.26 0.00
LITTLRIV_115KV_TB1 356100	45.65 1.20 0.00	42.24 1.31 0.00	35.98 1.05 0.00	35.41 1.10 0.00	35.79 0.91 0.00	37.96 0.15 0.00	46.17 0.00 0.00	49.25 -0.35 0.00	47.69 0.98 0.00	46.03 0.23 0.00	47.23 1.46 0.00	47.70 1.34 0.00	46.24 1.26 0.00	47.08 1.01 0.00	43.57 -0.44 0.00	45.09 -1.01 0.00	47.12 -1.46 0.00	52.62 -1.07 0.00	50.15 -1.34 0.00	45.59 -1.46 0.00	43.62 -1.30 0.00	40.37 -1.51 0.00	37.99 -1.26 0.00	37.95 -0.23 0.00
LI_NEWBRDGE___DRP 323616	46.67 2.22 0.00	42.49 1.56 0.00	35.67 0.73 0.00	35.10 0.79 0.00	36.39 1.50 0.00	39.66 1.85 0.00	49.53 2.72 -0.63	55.96 3.08 -3.28	54.24 3.22 -4.31	53.67 3.07 -4.80	54.54 3.16 -5.62	59.30 3.20 -9.74	66.33 3.15 -18.20	66.26 3.27 -16.93	68.21 3.34 -20.85	70.52 3.50 -20.91	72.86 3.84 -20.45	77.91 3.87 -20.35	73.05 3.81 -17.75	69.28 3.91 -18.32	67.24 3.68 -18.63	57.06 3.35 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
LOCKPORT_115KV_TB60_63_64 80432	41.78 -2.67 0.00	38.48 -2.46 0.00	33.26 -1.68 0.00	32.46 -1.85 0.00	32.97 -1.92 0.00	35.73 -2.08 0.00	42.90 -3.28 0.00	45.73 -3.87 0.00	42.23 -4.48 0.00	41.50 -4.31 0.00	41.78 -3.98 0.00	42.19 -4.17 0.00	41.07 -3.91 0.00	42.10 -3.96 0.00	40.00 -4.00 0.00	41.77 -4.33 0.00	43.72 -4.86 0.00	48.80 -4.89 0.00	46.85 -4.63 0.00	41.83 -5.22 0.00	39.80 -5.12 0.00	37.99 -3.89 0.00	35.87 -3.38 0.00	36.04 -2.14 0.00
LOCKPORT___CC1 323769	41.78 -2.67 0.00	38.35 -2.58 0.00	33.19 -1.75 0.00	32.50 -1.82 0.00	32.93 -1.95 0.00	35.39 -2.42 0.00	42.85 -3.33 0.00	45.68 -3.92 0.00	42.18 -4.53 0.00	41.54 -4.26 0.00	41.74 -4.03 0.00	42.10 -4.26 0.00	40.98 -4.00 0.00	42.01 -4.05 0.00	39.92 -4.09 0.00	41.72 -4.38 0.00	43.67 -4.90 0.00	48.86 -4.83 0.00	46.90 -4.58 0.00	41.78 -5.27 0.00	39.76 -5.16 0.00	37.90 -3.98 0.00	35.83 -3.41 0.00	36.00 -2.17 0.00
LOCKPORT___CC2 323770	41.78 -2.67 0.00	38.35 -2.58 0.00	33.19 -1.75 0.00	32.50 -1.82 0.00	32.93 -1.95 0.00	35.39 -2.42 0.00	42.85 -3.33 0.00	45.68 -3.92 0.00	42.18 -4.53 0.00	41.54 -4.26 0.00	41.74 -4.03 0.00	42.10 -4.26 0.00	40.98 -4.00 0.00	42.01 -4.05 0.00	39.92 -4.09 0.00	41.72 -4.38 0.00	43.67 -4.90 0.00	48.86 -4.83 0.00	46.90 -4.58 0.00	41.78 -5.27 0.00	39.76 -5.16 0.00	37.90 -3.98 0.00	35.83 -3.41 0.00	36.00 -2.17 0.00
LOCKPORT___CC3 323771	41.78 -2.67 0.00	38.35 -2.58 0.00	33.19 -1.75 0.00	32.50 -1.82 0.00	32.93 -1.95 0.00	35.39 -2.42 0.00	42.85 -3.33 0.00	45.68 -3.92 0.00	42.18 -4.53 0.00	41.54 -4.26 0.00	41.74 -4.03 0.00	42.10 -4.26 0.00	40.98 -4.00 0.00	42.01 -4.05 0.00	39.92 -4.09 0.00	41.72 -4.38 0.00	43.67 -4.90 0.00	48.86 -4.83 0.00	46.90 -4.58 0.00	41.78 -5.27 0.00	39.76 -5.16 0.00	37.90 -3.98 0.00	35.83 -3.41 0.00	36.00 -2.17 0.00
LONG_LAKE_PHOENIX 24014	43.07 -1.38 0.00	39.58 -1.35 0.00	33.81 -1.12 0.00	33.15 -1.17 0.00	33.74 -1.15 0.00	36.60 -1.21 0.00	44.74 -1.43 0.00	48.21 -1.39 0.00	45.26 -1.45 0.00	44.52 -1.28 0.00	44.58 -1.19 0.00	45.16 -1.21 0.00	43.86 -1.12 0.00	44.91 -1.15 0.00	42.87 -1.14 0.00	44.86 -1.24 0.00	47.26 -1.31 0.00	52.29 -1.40 0.00	50.15 -1.34 0.00	45.73 -1.32 0.00	43.53 -1.39 0.00	40.71 -1.17 0.00	37.99 -1.26 0.00	37.07 -1.11 0.00
LOVETT___3 23632	45.78 1.33 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.24 0.93 0.00	35.93 1.05 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.79 2.10 4.03	39.62 2.15 8.33	38.14 2.11 9.73	38.92 2.13 9.58	36.01 2.11 11.09	39.07 2.21 9.21	36.78 2.29 9.52	40.14 2.40 8.36	50.42 2.67 0.82	56.37 2.68 0.00	54.11 2.63 0.00	49.42 2.73 0.36	46.55 2.56 0.93	43.50 2.35 0.73	36.87 2.16 4.53	38.15 1.76 1.78
LOVETT___4 23642	45.78 1.33 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.24 0.93 0.00	35.93 1.05 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.79 2.10 4.03	39.62 2.15 8.33	38.14 2.11 9.73	38.92 2.13 9.58	36.01 2.11 11.09	39.07 2.21 9.21	36.78 2.29 9.52	40.14 2.40 8.36	50.42 2.67 0.82	56.37 2.68 0.00	54.11 2.63 0.00	49.42 2.73 0.36	46.55 2.56 0.93	43.50 2.35 0.73	36.87 2.16 4.53	38.15 1.76 1.78
LOVETT___5 23593	45.78 1.33 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.24 0.93 0.00	35.93 1.05 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.79 2.10 4.03	39.62 2.15 8.33	38.14 2.11 9.73	38.92 2.13 9.58	36.01 2.11 11.09	39.07 2.21 9.21	36.78 2.29 9.52	40.14 2.40 8.36	50.42 2.67 0.82	56.37 2.68 0.00	54.11 2.63 0.00	49.42 2.73 0.36	46.55 2.56 0.93	43.50 2.35 0.73	36.87 2.16 4.53	38.15 1.76 1.78
LOWER RAQUET___HYD 24057	45.11 0.67 0.00	41.71 0.78 0.00	35.59 0.66 0.00	34.93 0.62 0.00	35.38 0.49 0.00	37.21 -0.61 0.00	45.30 -0.88 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.16 -0.64 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.49 -2.20 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.34 -0.84 0.00
LOWER___HUDSON 24059	46.23 1.78 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.62 1.30 0.00	36.18 1.29 0.00	39.25 1.44 0.00	48.02 1.85 0.00	51.68 2.08 0.00	49.35 2.10 -0.53	48.91 2.01 -1.10	49.01 1.97 -1.28	49.61 1.99 -1.26	48.37 1.93 -1.46	49.30 2.02 -1.21	47.25 1.98 -1.25	49.37 2.17 -1.10	50.92 2.24 -0.11	56.16 2.47 0.00	53.86 2.37 0.00	49.40 2.30 -0.05	47.24 2.20 -0.12	43.94 1.97 -0.10	41.69 1.84 -0.60	40.09 1.68 -0.23
LOWVILLE_115KV_TB2 356335	44.89 0.44 0.00	41.38 0.45 0.00	35.28 0.35 0.00	34.69 0.38 0.00	35.24 0.35 0.00	38.00 0.19 0.00	46.50 0.32 0.00	50.00 0.40 0.00	47.46 0.75 0.00	46.03 0.23 0.00	46.32 0.55 0.00	46.69 0.32 0.00	45.25 0.27 0.00	46.16 0.09 0.00	43.66 -0.35 0.00	45.69 -0.41 0.00	48.14 -0.44 0.00	53.47 -0.21 0.00	51.02 -0.46 0.00	46.53 -0.52 0.00	44.38 -0.54 0.00	41.21 -0.67 0.00	38.42 -0.82 0.00	37.68 -0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.76 2.31 0.00	42.86 1.92 0.00	36.50 1.57 0.00	35.86 1.54 0.00	36.46 1.57 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.48 2.88 0.00	50.02 2.80 -0.50	49.54 2.70 -1.04	49.54 2.56 -1.21	50.24 2.69 -1.19	48.97 2.61 -1.38	49.93 2.72 -1.15	47.79 2.60 -1.19	50.05 2.90 -1.04	51.54 2.87 -0.10	56.96 3.28 0.00	54.68 3.19 0.00	50.06 2.96 -0.05	47.91 2.87 -0.12	44.48 2.51 -0.09	42.09 2.28 -0.56	40.42 2.02 -0.22

LUTHERNY_35_KV_BK2 355980	46.76 2.31 0.00	42.90 1.96 0.00	36.54 1.61 0.00	35.86 1.54 0.00	36.46 1.57 0.00	39.59 1.78 0.00	48.71 2.54 0.00	52.53 2.93 0.00	50.02 2.80 -0.50	49.54 2.70 -1.04	49.59 2.61 -1.21	50.29 2.74 -1.19	49.02 2.65 -1.38	49.93 2.72 -1.15	47.84 2.64 -1.19	50.10 2.95 -1.04	51.59 2.91 -0.10	57.02 3.33 0.00	54.73 3.24 0.00	50.11 3.01 -0.05	47.96 2.92 -0.12	44.53 2.55 -0.09	42.09 2.28 -0.56	40.42 2.02 -0.22
LWR___OSWEGATCHIE_HYD 23850	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.17 0.00	34.56 0.24 0.00	34.99 0.10 0.00	37.28 -0.53 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.04 0.00	45.88 -0.18 0.00	42.87 -1.14 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
LYONS_FALL_HYD 23570	44.98 0.54 0.00	41.46 0.53 0.00	35.35 0.42 0.00	34.76 0.44 0.00	35.34 0.45 0.00	38.15 0.34 0.00	46.73 0.56 0.00	50.24 0.64 0.00	47.60 0.89 0.00	46.35 0.55 0.00	46.54 0.78 0.00	47.01 0.65 0.00	45.61 0.63 0.00	46.57 0.51 0.00	44.23 0.22 0.00	46.29 0.19 0.00	48.72 0.15 0.00	54.07 0.38 0.00	51.69 0.21 0.00	47.15 0.09 0.00	44.97 0.04 0.00	41.80 -0.08 0.00	39.01 -0.23 0.00	38.14 -0.04 0.00
MADISON___COUNTY_LFGE 323628	45.20 0.76 0.00	41.63 0.70 0.00	35.53 0.59 0.00	34.90 0.58 0.00	35.52 0.63 0.00	38.49 0.68 0.00	47.14 0.97 0.00	50.74 1.14 0.00	47.83 1.12 0.00	46.86 1.05 0.00	46.91 1.14 0.00	47.52 1.16 0.00	46.11 1.12 0.00	47.22 1.15 0.00	44.98 0.97 0.00	47.16 1.06 0.00	49.69 1.12 0.00	55.03 1.34 0.00	52.67 1.18 0.00	48.04 0.99 0.00	45.78 0.85 0.00	42.68 0.80 0.00	39.79 0.55 0.00	38.83 0.65 0.00
MALONE___115KV_TB1 356076	46.36 1.91 0.00	42.90 1.96 0.00	36.50 1.57 0.00	35.93 1.61 0.00	36.39 1.50 0.00	39.32 1.51 0.00	47.93 1.75 0.00	50.74 1.14 0.00	48.11 1.40 0.00	46.76 0.96 0.00	47.05 1.28 0.00	47.61 1.25 0.00	46.15 1.17 0.00	47.03 0.97 0.00	44.32 0.31 0.00	46.15 0.05 0.00	48.53 -0.05 0.00	54.01 0.32 0.00	51.85 0.36 0.00	47.05 0.00 0.00	45.24 0.31 0.00	41.67 -0.21 0.00	39.17 -0.08 0.00	38.44 0.27 0.00
MAPLEWOD_115KV_TB3 80458	45.82 1.38 0.00	42.20 1.27 0.00	35.98 1.05 0.00	35.38 1.06 0.00	35.86 0.98 0.00	38.72 0.91 0.00	47.28 1.11 0.00	50.94 1.34 0.00	48.58 1.35 -0.51	48.23 1.37 -1.05	48.28 1.28 -1.23	48.92 1.34 -1.21	47.64 1.26 -1.40	48.56 1.34 -1.16	46.58 1.36 -1.20	48.68 1.52 -1.06	50.19 1.51 -0.10	55.30 1.61 0.00	53.08 1.60 0.00	48.70 1.60 -0.05	46.57 1.53 -0.12	43.35 1.38 -0.09	41.23 1.41 -0.57	39.66 1.26 -0.23
MAPLE_RIDGE_WT_1 323574	44.62 0.18 0.00	41.14 0.21 0.00	35.11 0.18 0.00	34.49 0.17 0.00	35.03 0.14 0.00	37.93 0.11 0.00	46.22 0.05 0.00	49.45 -0.15 0.00	46.53 -0.19 0.00	45.48 -0.32 0.00	45.35 -0.41 0.00	45.90 -0.46 0.00	44.40 -0.59 0.00	45.32 -0.74 0.00	43.22 -0.79 0.00	45.18 -0.92 0.00	47.55 -1.02 0.00	52.56 -1.13 0.00	50.35 -1.13 0.00	46.02 -1.04 0.00	44.02 -0.90 0.00	41.00 -0.88 0.00	38.42 -0.83 0.00	37.41 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	44.62 0.18 0.00	41.14 0.21 0.00	35.11 0.18 0.00	34.49 0.17 0.00	35.03 0.14 0.00	37.93 0.11 0.00	46.22 0.05 0.00	49.45 -0.15 0.00	46.53 -0.19 0.00	45.48 -0.32 0.00	45.35 -0.41 0.00	45.90 -0.46 0.00	44.40 -0.59 0.00	45.32 -0.74 0.00	43.22 -0.79 0.00	45.18 -0.92 0.00	47.55 -1.02 0.00	52.56 -1.13 0.00	50.35 -1.13 0.00	46.02 -1.04 0.00	44.02 -0.90 0.00	41.00 -0.88 0.00	38.42 -0.83 0.00	37.41 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	45.69 1.24 0.00	42.20 1.27 0.00	35.98 1.05 0.00	35.34 1.03 0.00	35.93 1.05 0.00	38.87 1.06 0.00	47.47 1.29 0.00	50.39 0.79 0.00	47.41 0.70 0.00	46.21 0.41 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.25 0.27 0.00	46.20 0.14 0.00	43.79 -0.22 0.00	45.69 -0.42 0.00	48.14 -0.44 0.00	53.37 -0.32 0.00	51.33 -0.15 0.00	46.77 -0.28 0.00	44.88 -0.04 0.00	41.46 -0.42 0.00	38.97 -0.27 0.00	38.03 -0.15 0.00
MARSHVLE_115KV_TB1 80742	46.54 2.09 0.00	42.65 1.72 0.00	36.29 1.36 0.00	35.62 1.30 0.00	36.28 1.40 0.00	39.55 1.74 0.00	48.85 2.68 0.00	52.73 3.12 0.00	49.69 2.66 -0.31	48.65 2.20 -0.65	48.63 2.11 -0.76	49.38 2.27 -0.75	47.91 2.07 -0.86	49.08 2.30 -0.72	46.78 2.02 -0.74	49.43 2.67 -0.65	51.51 2.87 -0.06	57.18 3.49 0.00	54.88 3.40 0.00	50.14 3.06 -0.03	47.96 2.96 -0.07	44.62 2.68 -0.06	41.80 2.20 -0.35	40.23 1.91 -0.14
MARSH_HILL_WT_PWR 323713	44.62 0.18 0.00	40.89 -0.04 0.00	35.18 0.25 0.00	34.42 0.10 0.00	34.96 0.07 0.00	37.77 -0.04 0.00	45.99 -0.18 0.00	49.26 -0.34 0.00	45.64 -1.07 0.00	44.70 -1.10 0.00	44.76 -1.01 0.00	44.83 -1.53 0.00	43.63 -1.35 0.00	44.68 -1.38 0.00	42.73 -1.28 0.00	44.90 -1.20 0.00	47.17 -1.41 0.00	52.67 -1.02 0.00	50.61 -0.88 0.00	45.50 -1.55 0.00	43.17 -1.75 0.00	40.66 -1.22 0.00	37.99 -1.26 0.00	37.72 -0.46 0.00
MCINTYRE_115KV_TB2 80467	45.96 1.51 0.00	42.53 1.60 0.00	36.22 1.29 0.00	35.65 1.34 0.00	36.07 1.19 0.00	38.45 0.64 0.00	46.82 0.65 0.00	49.95 0.35 0.00	48.35 1.63 0.00	46.67 0.87 0.00	47.87 2.11 0.00	48.31 1.95 0.00	46.83 1.84 0.00	47.72 1.66 0.00	44.14 0.13 0.00	45.73 -0.37 0.00	47.90 -0.68 0.00	53.58 -0.11 0.00	51.02 -0.46 0.00	46.30 -0.75 0.00	44.34 -0.58 0.00	40.96 -0.92 0.00	38.46 -0.78 0.00	38.44 0.27 0.00
MECO_____69_KV_BK1 80468	47.56 3.11 0.00	43.59 2.66 0.00	37.06 2.13 0.00	36.34 2.02 0.00	36.98 2.09 0.00	40.35 2.53 0.00	49.87 3.69 0.00	53.82 4.22 0.00	50.82 3.74 -0.37	49.81 3.25 -0.76	49.76 3.11 -0.88	50.52 3.29 -0.87	49.05 3.06 -1.01	50.17 3.27 -0.84	47.96 3.08 -0.87	50.64 3.78 -0.76	52.59 3.93 -0.07	58.41 4.72 0.00	56.12 4.63 0.00	51.27 4.19 -0.03	49.05 4.04 -0.08	45.59 3.64 -0.07	42.72 3.06 -0.41	41.09 2.75 -0.16
MENANDS___115KV_TB5 355628	45.69 1.24 0.00	42.12 1.19 0.00	35.91 0.98 0.00	35.31 1.00 0.00	35.76 0.87 0.00	38.53 0.72 0.00	47.01 0.83 0.00	50.64 1.04 0.00	48.34 1.12 -0.51	48.01 1.15 -1.06	48.05 1.05 -1.24	48.69 1.11 -1.22	47.47 1.08 -1.41	48.34 1.11 -1.17	46.36 1.14 -1.21	48.46 1.29 -1.06	49.94 1.26 -0.10	55.03 1.34 0.00	52.77 1.29 0.00	48.46 1.36 -0.05	46.34 1.30 -0.12	43.15 1.17 -0.09	41.11 1.30 -0.58	39.51 1.11 -0.23
MG INDUSTRY___DRP 24185	45.65 1.20 0.00	42.04 1.11 0.00	35.84 0.91 0.00	35.21 0.89 0.00	35.69 0.80 0.00	38.53 0.72 0.00	47.01 0.83 0.00	50.59 0.99 0.00	48.19 1.03 -0.45	47.69 0.96 -0.92	47.76 0.92 -1.08	48.39 0.97 -1.06	47.15 0.94 -1.23	48.10 1.01 -1.02	46.08 1.01 -1.05	48.18 1.15 -0.93	49.78 1.12 -0.09	54.92 1.23 0.00	52.67 1.18 0.00	48.31 1.22 -0.04	46.19 1.17 -0.10	43.05 1.09 -0.08	40.88 1.14 -0.50	39.41 1.03 -0.20

MID___OSWEGATCHIE_HYD 23849	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.17 0.00	34.56 0.24 0.00	34.99 0.10 0.00	37.28 -0.53 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.04 0.00	45.88 -0.18 0.00	42.87 -1.14 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
MID___RAQUETTE_HYD 23851	45.16 0.71 0.00	41.75 0.82 0.00	35.60 0.66 0.00	35.00 0.69 0.00	35.38 0.49 0.00	37.32 -0.49 0.00	45.34 -0.83 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.16 -0.64 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.49 -2.20 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.34 -0.84 0.00
MILLIKEN___1 23584	44.85 0.40 0.00	41.18 0.25 0.00	35.18 0.24 0.00	34.52 0.21 0.00	35.13 0.24 0.00	38.11 0.30 0.00	46.73 0.55 0.00	50.25 0.64 0.00	47.04 0.33 0.00	46.22 0.41 0.00	46.32 0.55 0.00	46.82 0.46 0.00	45.43 0.45 0.00	46.52 0.46 0.00	44.36 0.35 0.00	46.52 0.41 0.00	49.01 0.44 0.00	54.55 0.86 0.00	52.41 0.93 0.00	47.62 0.56 0.00	45.33 0.40 0.00	42.38 0.50 0.00	39.44 0.20 0.00	38.52 0.34 0.00
MILLIKEN___2 23585	44.85 0.40 0.00	41.18 0.25 0.00	35.18 0.24 0.00	34.52 0.21 0.00	35.13 0.24 0.00	38.11 0.30 0.00	46.73 0.55 0.00	50.25 0.64 0.00	47.04 0.33 0.00	46.22 0.41 0.00	46.32 0.55 0.00	46.82 0.46 0.00	45.43 0.45 0.00	46.52 0.46 0.00	44.36 0.35 0.00	46.52 0.41 0.00	49.01 0.44 0.00	54.55 0.86 0.00	52.41 0.93 0.00	47.62 0.56 0.00	45.33 0.40 0.00	42.38 0.50 0.00	39.44 0.20 0.00	38.52 0.34 0.00
MILLIKEN___DIESEL 23629	44.85 0.40 0.00	41.18 0.25 0.00	35.18 0.24 0.00	34.52 0.21 0.00	35.13 0.24 0.00	38.11 0.30 0.00	46.73 0.55 0.00	50.25 0.64 0.00	47.04 0.33 0.00	46.22 0.41 0.00	46.32 0.55 0.00	46.82 0.46 0.00	45.43 0.45 0.00	46.52 0.46 0.00	44.36 0.35 0.00	46.52 0.41 0.00	49.01 0.44 0.00	54.55 0.86 0.00	52.41 0.93 0.00	47.62 0.56 0.00	45.33 0.40 0.00	42.38 0.50 0.00	39.44 0.20 0.00	38.52 0.34 0.00
MILLSEAT___LFGE 323607	42.49 -1.95 0.00	39.05 -1.88 0.00	33.74 -1.19 0.00	33.01 -1.30 0.00	33.49 -1.40 0.00	36.00 -1.81 0.00	43.77 -2.40 0.00	46.87 -2.73 0.00	43.21 -3.50 0.00	42.60 -3.21 0.00	42.79 -2.97 0.00	43.21 -3.15 0.00	42.01 -2.97 0.00	43.16 -2.90 0.00	40.93 -3.08 0.00	42.78 -3.32 0.00	44.93 -3.64 0.00	50.25 -3.44 0.00	48.19 -3.30 0.00	43.00 -4.05 0.00	40.88 -4.04 0.00	38.91 -2.97 0.00	36.65 -2.59 0.00	36.65 -1.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.09 1.64 0.00	42.28 1.35 0.00	36.02 1.08 0.00	35.45 1.13 0.00	36.14 1.26 0.00	39.25 1.44 0.00	48.21 2.03 0.00	51.93 2.33 0.00	51.67 2.52 -2.44	53.41 2.56 -5.04	54.17 2.52 -5.89	54.70 2.55 -5.79	54.21 2.52 -6.71	54.26 2.63 -5.57	52.46 2.68 -5.76	53.98 2.81 -5.06	52.18 3.11 -0.50	56.80 3.11 0.00	54.52 3.04 0.00	50.42 3.15 -0.22	48.45 2.96 -0.56	45.00 2.68 -0.44	44.50 2.51 -2.74	41.32 2.06 -1.08
MILLWOOD_13_KV_LOAD 356217	46.18 1.73 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.52 1.20 0.00	36.21 1.33 0.00	39.32 1.51 0.00	48.30 2.12 0.00	52.03 2.43 0.00	51.81 2.66 -2.44	53.55 2.70 -5.04	54.31 2.65 -5.89	54.84 2.69 -5.79	54.35 2.65 -6.71	54.45 2.81 -5.57	52.59 2.82 -5.76	54.16 3.00 -5.06	52.33 3.25 -0.50	56.96 3.28 0.00	54.73 3.24 0.00	50.56 3.29 -0.22	48.58 3.10 -0.56	45.08 2.76 -0.44	44.54 2.55 -2.74	41.39 2.14 -1.08
MODEL_CITY_ENERGY 24167	41.25 -3.20 0.00	37.86 -3.07 0.00	32.77 -2.17 0.00	32.09 -2.23 0.00	32.55 -2.34 0.00	34.98 -2.84 0.00	42.30 -3.88 0.00	44.84 -4.76 0.00	41.39 -5.33 0.00	40.76 -5.04 0.00	40.91 -4.85 0.00	41.31 -5.05 0.00	40.26 -4.72 0.00	41.23 -4.84 0.00	39.21 -4.80 0.00	40.94 -5.16 0.00	42.84 -5.73 0.00	47.94 -5.74 0.00	46.08 -5.41 0.00	40.98 -6.07 0.00	39.04 -5.88 0.00	37.27 -4.61 0.00	35.24 -4.00 0.00	35.43 -2.75 0.00
MODERN_LFGE___ 323580	41.25 -3.20 0.00	37.86 -3.07 0.00	32.77 -2.17 0.00	32.09 -2.23 0.00	32.55 -2.34 0.00	34.98 -2.84 0.00	42.30 -3.88 0.00	44.84 -4.76 0.00	41.39 -5.33 0.00	40.76 -5.04 0.00	40.91 -4.85 0.00	41.31 -5.05 0.00	40.26 -4.72 0.00	41.23 -4.84 0.00	39.21 -4.80 0.00	40.94 -5.16 0.00	42.84 -5.73 0.00	47.94 -5.74 0.00	46.08 -5.41 0.00	40.98 -6.07 0.00	39.04 -5.88 0.00	37.27 -4.61 0.00	35.24 -4.00 0.00	35.43 -2.75 0.00
MOHAWK_PAPER___DRP 24187	45.82 1.38 0.00	42.20 1.27 0.00	35.98 1.05 0.00	35.38 1.06 0.00	35.86 0.98 0.00	38.72 0.91 0.00	47.28 1.11 0.00	50.94 1.34 0.00	48.58 1.35 -0.51	48.23 1.37 -1.05	48.28 1.28 -1.23	48.92 1.34 -1.21	47.64 1.26 -1.40	48.56 1.34 -1.16	46.58 1.36 -1.20	48.68 1.52 -1.06	50.19 1.51 -0.10	55.30 1.61 0.00	53.08 1.60 0.00	48.70 1.60 -0.05	46.57 1.53 -0.12	43.35 1.38 -0.09	41.23 1.41 -0.57	39.66 1.26 -0.23
MOHICAN___35_KV_115KV_LD 80490	46.76 2.31 0.00	42.77 1.84 0.00	36.43 1.50 0.00	35.76 1.44 0.00	36.35 1.47 0.00	39.51 1.70 0.00	48.76 2.59 0.00	52.68 3.08 0.00	50.15 2.94 -0.49	49.66 2.84 -1.02	49.66 2.70 -1.19	50.41 2.87 -1.17	49.13 2.79 -1.36	50.05 2.86 -1.13	47.86 2.68 -1.17	50.22 3.09 -1.02	51.64 2.96 -0.10	57.12 3.44 0.00	54.88 3.40 0.00	50.20 3.11 -0.04	48.09 3.05 -0.11	44.57 2.60 -0.09	42.04 2.24 -0.56	40.34 1.95 -0.22
MONGAUP___HYD 23641	46.23 1.78 0.00	42.49 1.56 0.00	36.15 1.22 0.00	35.55 1.23 0.00	36.21 1.33 0.00	39.44 1.62 0.00	48.44 2.26 0.00	51.98 2.38 0.00	45.75 2.15 3.12	41.37 2.01 6.45	40.20 1.97 7.53	40.90 1.95 7.41	38.29 1.89 8.58	40.96 2.02 7.13	38.75 2.11 7.37	42.03 2.40 6.47	50.75 2.82 0.64	56.69 3.00 0.00	54.37 2.88 0.00	49.64 2.87 0.28	46.81 2.60 0.72	43.62 2.30 0.56	37.78 2.04 3.51	38.52 1.72 1.38
MONTAUK___DIESEL 23721	49.02 4.58 0.00	44.41 3.48 0.00	36.99 2.06 0.00	36.44 2.13 0.00	38.06 3.17 0.00	41.67 3.86 0.00	52.30 5.49 -0.63	59.08 6.20 -3.28	57.00 5.98 -4.31	56.15 5.54 -4.80	57.06 5.68 -5.62	61.95 5.84 -9.74	68.85 5.67 -18.20	68.80 5.80 -16.93	70.72 5.85 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.40 7.36 -20.35	76.39 7.16 -17.75	72.15 6.78 -18.32	69.84 6.29 -18.63	59.45 5.74 -11.83	49.32 5.30 -4.78	45.17 4.73 -2.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.78 -0.67 0.00	40.15 -0.78 0.00	34.62 -0.31 0.00	33.77 -0.55 0.00	34.33 -0.56 0.00	37.47 -0.34 0.00	45.11 -1.06 0.00	48.01 -1.59 0.00	44.52 -2.20 0.00	43.56 -1.78 0.00	43.98 -1.99 0.00	44.37 -1.75 0.00	43.23 -1.70 0.00	44.36 -1.70 0.00	42.03 -1.98 0.00	43.89 -2.21 0.00	45.56 -3.01 0.00	51.06 -2.63 0.00	49.02 -2.47 0.00	43.71 -3.34 0.00	41.60 -3.32 0.00	39.49 -2.39 0.00	37.28 -1.96 0.00	37.30 -0.88 0.00

MORRIS_RIDGE___SOLAR 323848	43.65 -0.80 0.00	40.03 -0.90 0.00	34.44 -0.49 0.00	33.73 -0.58 0.00	34.22 -0.66 0.00	36.94 -0.87 0.00	44.88 -1.29 0.00	47.91 -1.69 0.00	44.43 -2.29 0.00	43.61 -2.20 0.00	43.75 -2.01 0.00	44.09 -2.27 0.00	42.87 -2.11 0.00	43.95 -2.12 0.00	41.85 -2.16 0.00	43.85 -2.26 0.00	45.95 -2.62 0.00	51.33 -2.36 0.00	49.27 -2.21 0.00	44.18 -2.87 0.00	42.00 -2.92 0.00	39.70 -2.18 0.00	37.28 -1.96 0.00	37.07 -1.11 0.00
MORTIMER_115KV_TB3 55949	42.45 -2.00 0.00	39.05 -1.88 0.00	33.61 -1.33 0.00	32.87 -1.44 0.00	33.39 -1.50 0.00	36.22 -1.59 0.00	43.91 -2.26 0.00	46.97 -2.63 0.00	43.68 -3.04 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.63 -2.74 0.00	42.42 -2.56 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.29 -2.81 0.00	45.56 -3.01 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.76 -3.29 0.00	41.64 -3.28 0.00	39.33 -2.55 0.00	36.93 -2.32 0.00	36.50 -1.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.88 2.85 -2.32	53.50 2.89 -4.81	54.17 2.79 -5.61	54.71 2.83 -5.52	54.16 2.79 -6.39	54.28 2.90 -5.31	52.49 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.79 3.53 -0.21	48.78 3.32 -0.54	45.40 3.10 -0.42	44.76 2.90 -2.61	41.65 2.44 -1.03
MUNSVILLE_WIND_PWR 323609	47.56 3.11 0.00	43.75 2.82 0.00	37.34 2.41 0.00	36.79 2.47 0.00	37.36 2.48 0.00	40.54 2.72 0.00	49.82 3.65 0.00	55.95 6.35 0.00	52.58 6.12 0.26	51.32 6.05 0.53	51.51 6.36 0.62	52.19 6.44 0.61	51.16 6.88 0.70	52.53 7.05 0.59	49.96 6.56 0.61	52.53 6.96 0.53	56.00 7.48 0.05	58.47 4.78 0.00	55.92 4.43 0.00	50.74 3.72 0.02	48.23 3.37 0.06	44.85 3.02 0.05	41.35 2.39 0.29	40.62 2.56 0.11
N SALMON___HYD 24042	46.36 1.91 0.00	42.82 1.88 0.00	36.51 1.57 0.00	35.79 1.47 0.00	36.39 1.50 0.00	39.13 1.32 0.00	47.88 1.71 0.00	50.69 1.09 0.00	48.11 1.40 0.00	46.77 0.96 0.00	47.05 1.28 0.00	47.66 1.30 0.00	46.15 1.17 0.00	47.03 0.97 0.00	44.28 0.27 0.00	46.15 0.05 0.00	48.53 -0.05 0.00	54.01 0.32 0.00	51.85 0.36 0.00	47.05 0.00 0.00	45.24 0.32 0.00	41.67 -0.21 0.00	39.17 -0.08 0.00	38.45 0.27 0.00
N.AKRON__115KV_KNAPP 355671	42.40 -2.04 0.00	39.09 -1.84 0.00	33.78 -1.15 0.00	32.98 -1.34 0.00	33.46 -1.43 0.00	36.30 -1.51 0.00	43.73 -2.45 0.00	46.72 -2.88 0.00	43.12 -3.60 0.00	42.41 -3.39 0.00	42.70 -3.07 0.00	43.07 -3.29 0.00	41.88 -3.10 0.00	43.02 -3.04 0.00	40.84 -3.17 0.00	42.69 -3.41 0.00	44.79 -3.79 0.00	49.98 -3.70 0.00	47.93 -3.55 0.00	42.86 -4.19 0.00	40.74 -4.18 0.00	38.78 -3.10 0.00	36.58 -2.67 0.00	36.61 -1.57 0.00
N.BELMOR_69_KV_BK1 55787	46.98 2.53 0.00	42.77 1.84 0.00	35.88 0.94 0.00	35.35 1.03 0.00	36.63 1.74 0.00	39.93 2.12 0.00	49.80 3.00 -0.63	56.26 3.37 -3.28	54.52 3.50 -4.31	53.95 3.34 -4.80	54.82 3.43 -5.62	59.58 3.48 -9.74	66.64 3.46 -18.20	66.59 3.59 -16.93	68.39 3.52 -20.85	70.75 3.73 -20.91	73.10 4.08 -20.45	78.23 4.19 -20.35	73.36 4.12 -17.75	69.51 4.14 -18.32	67.55 4.00 -18.63	57.35 3.64 -11.83	47.43 3.41 -4.78	43.45 3.02 -2.26
N.E_GEN_SANDY PD 24062	48.10 1.78 -1.87	46.90 1.68 -4.29	45.00 1.36 -8.71	43.40 1.37 -7.71	44.20 1.43 -7.88	45.90 1.62 -6.46	58.10 1.98 -9.94	68.38 2.18 -16.60	60.28 2.33 -11.23	52.00 2.29 -3.91	51.75 2.20 -3.79	56.03 2.18 -7.49	55.08 2.16 -7.94	59.40 2.21 -11.13	59.70 2.24 -13.45	62.00 2.40 -13.50	61.77 2.57 -10.62	68.61 2.63 -12.29	66.18 2.57 -12.12	61.53 2.63 -11.84	57.10 2.47 -9.71	53.51 2.26 -9.37	50.03 2.12 -8.66	46.22 1.87 -6.17
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.82 1.38 0.00	42.08 1.15 0.00	35.84 0.91 0.00	35.28 0.96 0.00	35.97 1.08 0.00	39.02 1.21 0.00	47.98 1.80 0.00	51.73 2.13 0.00	44.94 2.24 4.02	39.78 2.29 8.32	38.30 2.24 9.71	39.03 2.23 9.56	36.12 2.20 11.07	39.22 2.35 9.19	36.88 2.38 9.50	40.29 2.54 8.35	50.57 2.82 0.82	56.53 2.85 0.00	54.27 2.78 0.00	49.56 2.87 0.36	46.64 2.65 0.93	43.54 2.39 0.72	36.96 2.24 4.52	38.19 1.79 1.78
N.QUEENS_27_KV_LOAD 356247	46.40 1.96 0.00	42.45 1.51 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.49 1.60 0.00	39.40 1.59 0.00	48.39 2.22 0.00	51.83 2.23 0.00	51.56 2.52 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	54.44 2.55 -5.53	53.90 2.52 -6.40	54.05 2.67 -5.31	52.23 2.73 -5.49	53.88 2.95 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.73 3.24 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.74 3.43 -0.43	45.16 3.30 -2.62	42.08 2.86 -1.04
N.TROY___115KV_TB1 355778	46.18 1.73 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.59 1.27 0.00	36.18 1.29 0.00	39.17 1.36 0.00	47.98 1.80 0.00	51.68 2.08 0.00	49.34 2.10 -0.53	48.92 2.02 -1.10	49.02 1.97 -1.28	49.61 1.99 -1.26	48.37 1.93 -1.46	49.30 2.03 -1.21	47.24 1.98 -1.25	49.37 2.17 -1.10	50.92 2.23 -0.11	56.16 2.47 0.00	53.91 2.42 0.00	49.40 2.31 -0.05	47.25 2.20 -0.12	43.94 1.97 -0.10	41.69 1.84 -0.60	40.09 1.68 -0.23
NARROWS_GT1_1 24228	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_2 24229	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_3 24230	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_4 24231	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04

NARROWS_GT1_5 24232	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_6 24233	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_7 24234	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT1_8 24235	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_1 24236	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_2 24237	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_3 24238	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_4 24239	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_5 24240	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_6 24241	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_7 24242	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NARROWS_GT2_8 24243	46.67 2.22 0.00	42.82 1.88 0.00	36.37 1.43 0.00	35.82 1.51 0.00	36.56 1.67 0.00	39.70 1.89 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.74 2.71 -2.32	53.36 2.75 -4.81	54.03 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.98 3.72 -0.21	49.05 3.60 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.67 2.22 0.00	42.98 2.05 0.00	36.57 1.64 0.00	35.93 1.61 0.00	36.39 1.50 0.00	39.25 1.44 0.00	48.11 1.94 0.00	51.63 2.03 0.00	48.92 1.92 -0.30	48.11 1.69 -0.61	48.04 1.56 -0.72	48.64 1.58 -0.70	47.24 1.44 -0.82	48.31 1.57 -0.68	46.29 1.58 -0.70	48.70 1.98 -0.62	50.82 2.19 -0.06	56.27 2.58 0.00	53.91 2.42 0.00	49.38 2.31 -0.03	47.06 2.07 -0.07	43.82 1.88 -0.05	41.46 1.88 -0.33	40.03 1.72 -0.13
NCHELSEA_115KV_TR2 355582	46.54 2.09 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.49 1.60 0.00	39.63 1.81 0.00	48.76 2.59 0.00	52.43 2.83 0.00	49.66 2.94 0.00	48.73 2.93 0.00	48.65 2.88 0.00	49.28 2.92 0.00	47.82 2.83 0.00	49.06 2.99 0.00	47.05 3.04 0.00	49.38 3.27 0.00	52.17 3.59 0.00	57.45 3.76 0.00	55.09 3.60 0.00	50.67 3.62 0.00	48.25 3.32 0.00	44.90 3.02 0.00	41.95 2.71 0.00	40.51 2.33 0.00
NEG CAPITAL___MECHNVIL 23645	46.76 2.31 0.00	42.94 2.01 0.00	36.54 1.61 0.00	35.90 1.58 0.00	36.49 1.61 0.00	39.63 1.81 0.00	48.71 2.54 0.00	52.48 2.88 0.00	50.03 2.80 -0.51	49.56 2.70 -1.06	49.61 2.61 -1.24	50.31 2.73 -1.22	49.00 2.61 -1.41	49.95 2.72 -1.17	47.86 2.64 -1.21	50.12 2.95 -1.06	51.59 2.91 -0.10	57.02 3.33 0.00	54.73 3.25 0.00	50.11 3.01 -0.05	47.92 2.88 -0.12	44.53 2.56 -0.09	42.09 2.28 -0.58	40.43 2.02 -0.23

NEG CENTRAL_HIGH_ACRES 23767	41.96 -2.49 0.00	38.56 -2.38 0.00	33.11 -1.82 0.00	32.46 -1.85 0.00	32.97 -1.92 0.00	35.58 -2.23 0.00	43.50 -2.68 0.00	46.67 -2.93 0.00	43.49 -3.22 0.00	42.78 -3.02 0.00	42.93 -2.84 0.00	43.49 -2.87 0.00	42.28 -2.70 0.00	43.35 -2.72 0.00	41.24 -2.77 0.00	43.11 -3.00 0.00	45.37 -3.21 0.00	50.41 -3.28 0.00	48.34 -3.14 0.00	43.66 -3.39 0.00	41.55 -3.37 0.00	39.16 -2.72 0.00	36.65 -2.59 0.00	36.12 -2.06 0.00
NEG CENTRAL___DRP 24199	43.96 -0.49 0.00	40.36 -0.57 0.00	34.55 -0.38 0.00	33.84 -0.48 0.00	34.47 -0.42 0.00	37.40 -0.42 0.00	45.76 -0.42 0.00	49.15 -0.45 0.00	45.97 -0.75 0.00	45.21 -0.60 0.00	45.31 -0.46 0.00	45.80 -0.56 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.44 -0.57 0.00	45.50 -0.60 0.00	47.80 -0.78 0.00	53.04 -0.64 0.00	50.97 -0.51 0.00	46.35 -0.71 0.00	44.07 -0.85 0.00	41.29 -0.59 0.00	38.50 -0.75 0.00	37.72 -0.46 0.00
NEG CENTRAL___INDECK 23768	44.49 0.04 0.00	40.81 -0.12 0.00	35.11 0.18 0.00	34.35 0.03 0.00	34.89 0.00 0.00	37.62 -0.19 0.00	46.08 -0.09 0.00	49.50 -0.10 0.00	45.73 -0.98 0.00	44.84 -0.96 0.00	44.99 -0.78 0.00	45.43 -0.93 0.00	44.13 -0.86 0.00	45.24 -0.83 0.00	43.04 -0.97 0.00	45.13 -0.97 0.00	47.75 -0.83 0.00	53.37 -0.32 0.00	51.18 -0.31 0.00	45.97 -1.08 0.00	43.62 -1.30 0.00	41.21 -0.67 0.00	38.46 -0.78 0.00	38.06 -0.11 0.00
NEG CENTRAL___SENECA 23627	44.13 -0.31 0.00	40.52 -0.41 0.00	34.72 -0.21 0.00	34.01 -0.31 0.00	34.61 -0.28 0.00	37.59 -0.23 0.00	45.99 -0.18 0.00	49.25 -0.35 0.00	46.01 -0.70 0.00	45.16 -0.64 0.00	45.35 -0.41 0.00	45.80 -0.56 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.44 -0.57 0.00	45.50 -0.60 0.00	47.75 -0.83 0.00	53.04 -0.64 0.00	50.97 -0.51 0.00	46.30 -0.75 0.00	43.98 -0.94 0.00	41.29 -0.59 0.00	38.50 -0.75 0.00	37.83 -0.34 0.00
NEG CENTRAL___STATE_STREET 24147	44.00 -0.44 0.00	40.40 -0.53 0.00	34.55 -0.38 0.00	33.87 -0.45 0.00	34.47 -0.42 0.00	37.43 -0.38 0.00	45.85 -0.32 0.00	49.40 -0.20 0.00	46.29 -0.42 0.00	45.53 -0.27 0.00	45.63 -0.14 0.00	46.18 -0.19 0.00	44.80 -0.18 0.00	45.88 -0.18 0.00	43.75 -0.26 0.00	45.78 -0.32 0.00	48.24 -0.34 0.00	53.53 -0.16 0.00	51.38 -0.10 0.00	46.77 -0.28 0.00	44.52 -0.40 0.00	41.63 -0.25 0.00	38.77 -0.47 0.00	37.87 -0.31 0.00
NEG MILLWOOD___DRP 24198	46.71 2.27 0.00	42.90 1.96 0.00	36.50 1.57 0.00	35.93 1.61 0.00	36.60 1.71 0.00	39.78 1.97 0.00	48.94 2.77 0.00	52.63 3.03 0.00	51.03 3.27 -1.04	51.22 3.25 -2.16	51.59 3.30 -2.53	52.18 3.34 -2.49	51.14 3.28 -2.88	51.91 3.45 -2.39	49.91 3.43 -2.47	51.92 3.64 -2.17	52.82 4.03 -0.21	57.72 4.03 0.00	55.55 4.07 0.00	51.19 4.05 -0.09	48.85 3.68 -0.24	45.34 3.27 -0.19	43.32 2.90 -1.18	41.12 2.48 -0.46
NEG NORTH_FLCN_SEA 23793	46.09 1.64 0.00	42.61 1.68 0.00	36.29 1.36 0.00	35.72 1.41 0.00	36.21 1.33 0.00	39.32 1.51 0.00	47.98 1.80 0.00	50.79 1.19 0.00	47.83 1.12 0.00	46.58 0.78 0.00	46.54 0.78 0.00	47.10 0.74 0.00	45.66 0.67 0.00	46.57 0.51 0.00	44.19 0.18 0.00	46.10 0.00 0.00	48.58 0.00 0.00	53.90 0.21 0.00	51.85 0.36 0.00	47.15 0.09 0.00	45.28 0.36 0.00	41.75 -0.13 0.00	39.24 0.00 0.00	38.29 0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	45.91 1.47 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.07 1.19 0.00	39.14 1.32 0.00	47.70 1.52 0.00	50.49 0.89 0.00	47.60 0.89 0.00	46.31 0.50 0.00	46.32 0.55 0.00	46.87 0.51 0.00	45.39 0.40 0.00	46.29 0.23 0.00	43.92 -0.09 0.00	45.78 -0.32 0.00	48.24 -0.34 0.00	53.53 -0.16 0.00	51.49 0.00 0.00	46.86 -0.19 0.00	45.01 0.09 0.00	41.55 -0.34 0.00	39.09 -0.16 0.00	38.14 -0.04 0.00
NEG NORTH___ALICE_FALLS 23915	46.40 1.96 0.00	42.90 1.96 0.00	36.54 1.61 0.00	36.00 1.68 0.00	36.49 1.60 0.00	39.63 1.81 0.00	48.39 2.22 0.00	51.19 1.59 0.00	48.21 1.49 0.00	46.95 1.15 0.00	46.91 1.14 0.00	47.47 1.11 0.00	46.02 1.03 0.00	46.94 0.88 0.00	44.54 0.53 0.00	46.43 0.32 0.00	48.96 0.39 0.00	54.39 0.70 0.00	52.31 0.82 0.00	47.52 0.47 0.00	45.69 0.76 0.00	42.05 0.17 0.00	39.52 0.27 0.00	38.56 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	46.40 1.96 0.00	42.90 1.96 0.00	36.54 1.61 0.00	36.00 1.68 0.00	36.49 1.60 0.00	39.63 1.81 0.00	48.39 2.22 0.00	51.19 1.59 0.00	48.21 1.49 0.00	46.95 1.15 0.00	46.91 1.14 0.00	47.47 1.11 0.00	46.02 1.03 0.00	46.94 0.88 0.00	44.54 0.53 0.00	46.43 0.32 0.00	48.96 0.39 0.00	54.39 0.70 0.00	52.31 0.82 0.00	47.52 0.47 0.00	45.69 0.76 0.00	42.05 0.17 0.00	39.52 0.27 0.00	38.56 0.38 0.00
NEG NORTH___PLATTSBURG 23628	46.40 1.95 0.00	42.86 1.92 0.00	36.54 1.61 0.00	35.86 1.55 0.00	36.49 1.61 0.00	39.47 1.66 0.00	48.35 2.17 0.00	51.14 1.54 0.00	48.21 1.49 0.00	46.95 1.15 0.00	46.91 1.14 0.00	47.52 1.16 0.00	46.02 1.04 0.00	46.94 0.87 0.00	44.45 0.44 0.00	46.43 0.33 0.00	48.96 0.39 0.00	54.38 0.70 0.00	52.31 0.82 0.00	47.52 0.47 0.00	45.68 0.76 0.00	42.05 0.17 0.00	39.52 0.28 0.00	38.56 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	41.78 -2.67 0.00	38.48 -2.46 0.00	33.26 -1.68 0.00	32.50 -1.82 0.00	32.97 -1.92 0.00	35.73 -2.08 0.00	42.90 -3.28 0.00	45.68 -3.92 0.00	42.18 -4.53 0.00	41.45 -4.35 0.00	41.74 -4.03 0.00	42.10 -4.27 0.00	40.98 -4.00 0.00	42.01 -4.05 0.00	39.92 -4.09 0.00	41.68 -4.43 0.00	43.67 -4.91 0.00	48.75 -4.94 0.00	46.80 -4.69 0.00	41.78 -5.27 0.00	39.76 -5.17 0.00	37.90 -3.98 0.00	35.83 -3.41 0.00	36.00 -2.18 0.00
NEG WEST___LANCASTER 23811	44.31 -0.13 0.00	40.73 -0.20 0.00	35.14 0.21 0.00	34.32 0.00 0.00	34.85 -0.03 0.00	37.81 0.00 0.00	45.57 -0.60 0.00	48.46 -1.14 0.00	44.89 -1.82 0.00	43.97 -1.83 0.00	44.30 -1.46 0.00	44.74 -1.62 0.00	43.54 -1.44 0.00	44.68 -1.38 0.00	42.43 -1.58 0.00	44.35 -1.75 0.00	46.34 -2.23 0.00	51.86 -1.83 0.00	49.84 -1.65 0.00	44.46 -2.59 0.00	42.32 -2.61 0.00	40.16 -1.72 0.00	37.87 -1.37 0.00	37.91 -0.27 0.00
NEG_PENN_ALLEGHNY 23528	44.54 0.09 0.00	40.89 -0.04 0.00	34.97 0.03 0.00	34.32 0.00 0.00	34.89 0.00 0.00	37.85 0.04 0.00	46.27 0.09 0.00	49.80 0.20 0.00	46.49 0.00 0.22	45.48 0.14 0.46	45.46 0.23 0.54	46.02 0.19 0.53	44.59 0.23 0.62	45.83 0.28 0.51	43.70 0.22 0.53	45.82 0.19 0.46	48.68 0.15 0.05	54.01 0.32 0.00	51.85 0.36 0.00	47.08 0.05 0.02	44.83 -0.04 0.05	41.97 0.13 0.04	38.99 0.00 0.25	38.23 0.15 0.10
NEG___GEN_MONROE 24207	42.49 -1.96 0.00	39.13 -1.80 0.00	33.71 -1.22 0.00	32.94 -1.37 0.00	33.53 -1.36 0.00	36.30 -1.51 0.00	43.91 -2.26 0.00	46.92 -2.68 0.00	43.54 -3.18 0.00	42.73 -3.07 0.00	42.88 -2.88 0.00	43.35 -3.01 0.00	42.19 -2.79 0.00	43.21 -2.86 0.00	41.15 -2.86 0.00	42.97 -3.14 0.00	45.22 -3.35 0.00	50.41 -3.28 0.00	48.35 -3.14 0.00	43.52 -3.53 0.00	41.33 -3.59 0.00	39.07 -2.81 0.00	36.77 -2.47 0.00	36.42 -1.76 0.00

NEPA___ENERGY 23901	43.20 -1.24 0.00	39.66 -1.27 0.00	34.27 -0.66 0.00	33.42 -0.89 0.00	33.95 -0.94 0.00	36.90 -0.91 0.00	44.37 -1.80 0.00	47.12 -2.48 0.00	43.58 -3.13 0.00	42.78 -3.02 0.00	43.11 -2.65 0.00	43.49 -2.87 0.00	42.37 -2.61 0.00	43.44 -2.63 0.00	41.24 -2.77 0.00	43.06 -3.04 0.00	44.93 -3.64 0.00	50.25 -3.44 0.00	48.24 -3.24 0.00	43.05 -4.00 0.00	40.97 -3.95 0.00	38.95 -2.93 0.00	36.77 -2.47 0.00	36.88 -1.30 0.00
NEVERSINK___HYD 23608	46.71 2.27 0.00	42.98 2.05 0.00	36.54 1.61 0.00	35.93 1.61 0.00	36.63 1.74 0.00	39.89 2.08 0.00	49.04 2.86 0.00	52.63 3.03 0.00	48.54 2.94 1.12	46.33 2.84 2.32	45.85 2.79 2.71	46.43 2.73 2.66	44.59 2.70 3.08	46.36 2.86 2.56	44.22 2.86 2.65	46.96 3.18 2.33	51.99 3.64 0.23	57.61 3.92 0.00	55.20 3.71 0.00	50.62 3.67 0.10	47.99 3.32 0.26	44.70 3.02 0.20	40.61 2.63 1.26	39.97 2.29 0.50
NEWKRMKL_115KV_TB1 55635	45.65 1.20 0.00	42.04 1.11 0.00	35.84 0.91 0.00	35.24 0.93 0.00	35.66 0.77 0.00	38.34 0.53 0.00	46.73 0.55 0.00	50.34 0.74 0.00	48.06 0.84 -0.50	47.71 0.87 -1.04	47.76 0.78 -1.22	48.39 0.83 -1.20	47.18 0.81 -1.38	48.04 0.83 -1.15	46.08 0.88 -1.19	48.16 1.01 -1.04	49.65 0.97 -0.10	54.71 1.02 0.00	52.52 1.03 0.00	48.18 1.08 -0.05	46.07 1.03 -0.12	42.89 0.92 -0.09	40.95 1.14 -0.57	39.35 0.95 -0.22
NEWTON___FALLS_HYD 23847	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.17 0.00	34.56 0.24 0.00	34.99 0.10 0.00	37.28 -0.53 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.04 0.00	45.88 -0.18 0.00	42.87 -1.14 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
NGRID_A1_DSASP 323792	40.98 -3.47 0.00	37.66 -3.28 0.00	32.59 -2.34 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	34.75 -3.06 0.00	42.02 -4.16 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.40 -5.41 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.45 -6.12 0.00	47.46 -6.23 0.00	45.62 -5.87 0.00	40.61 -6.44 0.00	38.63 -6.29 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
NGRID_A2_DSASP 323793	40.98 -3.47 0.00	37.66 -3.28 0.00	32.59 -2.34 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	34.75 -3.06 0.00	42.02 -4.16 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.40 -5.41 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.45 -6.12 0.00	47.46 -6.23 0.00	45.62 -5.87 0.00	40.61 -6.44 0.00	38.63 -6.29 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
NGRID_A4_DSASP 323807	40.98 -3.47 0.00	37.66 -3.28 0.00	32.59 -2.34 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	34.75 -3.06 0.00	42.02 -4.16 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.40 -5.41 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.45 -6.12 0.00	47.46 -6.23 0.00	45.62 -5.87 0.00	40.61 -6.44 0.00	38.63 -6.29 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
NIAGARA_115E_LBMP 323715	40.93 -3.51 0.00	37.62 -3.31 0.00	32.56 -2.38 0.00	31.88 -2.44 0.00	32.31 -2.58 0.00	34.71 -3.10 0.00	41.97 -4.20 0.00	44.29 -5.31 0.00	40.87 -5.84 0.00	40.26 -5.54 0.00	40.46 -5.31 0.00	40.80 -5.56 0.00	39.76 -5.22 0.00	40.72 -5.34 0.00	38.73 -5.28 0.00	40.43 -5.67 0.00	42.31 -6.27 0.00	47.35 -6.34 0.00	45.52 -5.97 0.00	40.51 -6.54 0.00	38.54 -6.38 0.00	36.85 -5.03 0.00	34.89 -4.36 0.00	35.09 -3.09 0.00
NIAGARA_115W_LBMP 323714	40.89 -3.56 0.00	37.58 -3.36 0.00	32.52 -2.41 0.00	31.84 -2.47 0.00	32.31 -2.58 0.00	34.67 -3.14 0.00	41.93 -4.25 0.00	44.29 -5.31 0.00	40.92 -5.79 0.00	40.26 -5.54 0.00	40.46 -5.31 0.00	40.84 -5.52 0.00	39.81 -5.17 0.00	40.77 -5.30 0.00	38.77 -5.24 0.00	40.48 -5.63 0.00	42.36 -6.22 0.00	47.35 -6.34 0.00	45.52 -5.97 0.00	40.51 -6.54 0.00	38.59 -6.33 0.00	36.90 -4.98 0.00	34.93 -4.32 0.00	35.12 -3.06 0.00
NIAGARA_230_LBMP 323716	41.29 -3.15 0.00	37.90 -3.03 0.00	32.80 -2.13 0.00	32.12 -2.20 0.00	32.58 -2.30 0.00	35.01 -2.80 0.00	42.34 -3.83 0.00	44.79 -4.81 0.00	41.34 -5.37 0.00	40.72 -5.09 0.00	40.87 -4.90 0.00	41.26 -5.10 0.00	40.21 -4.77 0.00	41.18 -4.88 0.00	39.17 -4.84 0.00	40.94 -5.16 0.00	42.84 -5.73 0.00	47.94 -5.74 0.00	46.03 -5.46 0.00	41.03 -6.02 0.00	39.04 -5.88 0.00	37.32 -4.56 0.00	35.28 -3.96 0.00	35.47 -2.71 0.00
NIAGARA___115KV_198_GIBSON 55903	40.89 -3.56 0.00	37.70 -3.23 0.00	32.59 -2.34 0.00	31.85 -2.47 0.00	32.31 -2.58 0.00	34.98 -2.84 0.00	41.97 -4.20 0.00	44.29 -5.31 0.00	40.92 -5.79 0.00	40.22 -5.59 0.00	40.46 -5.31 0.00	40.84 -5.52 0.00	39.81 -5.17 0.00	40.77 -5.30 0.00	38.77 -5.24 0.00	40.48 -5.62 0.00	42.36 -6.22 0.00	47.25 -6.44 0.00	45.36 -6.13 0.00	40.51 -6.54 0.00	38.59 -6.33 0.00	36.90 -4.98 0.00	34.93 -4.32 0.00	35.12 -3.05 0.00
NIAGARA___ 23760	41.29 -3.15 0.00	37.90 -3.03 0.00	32.80 -2.13 0.00	32.12 -2.20 0.00	32.58 -2.30 0.00	35.01 -2.80 0.00	42.34 -3.83 0.00	44.79 -4.81 0.00	41.34 -5.37 0.00	40.72 -5.09 0.00	40.87 -4.90 0.00	41.26 -5.10 0.00	40.21 -4.77 0.00	41.18 -4.88 0.00	39.17 -4.84 0.00	40.94 -5.16 0.00	42.84 -5.73 0.00	47.94 -5.74 0.00	46.03 -5.46 0.00	41.03 -6.02 0.00	39.04 -5.88 0.00	37.32 -4.56 0.00	35.28 -3.96 0.00	35.47 -2.71 0.00
NINE_MILE_1 23575	42.67 -1.78 0.00	39.25 -1.68 0.00	33.50 -1.43 0.00	32.91 -1.41 0.00	33.46 -1.43 0.00	36.23 -1.59 0.00	44.28 -1.90 0.00	47.62 -1.99 0.00	44.75 -1.96 0.00	43.92 -1.88 0.00	43.98 -1.79 0.00	44.50 -1.86 0.00	43.23 -1.75 0.00	44.27 -1.80 0.00	42.25 -1.76 0.00	44.26 -1.85 0.00	46.63 -1.94 0.00	51.59 -2.09 0.00	49.48 -2.01 0.00	45.12 -1.93 0.00	42.99 -1.93 0.00	40.20 -1.68 0.00	37.60 -1.65 0.00	36.69 -1.49 0.00
NINE_MILE_2 23744	42.67 -1.78 0.00	39.25 -1.68 0.00	33.50 -1.43 0.00	32.91 -1.41 0.00	33.46 -1.43 0.00	36.23 -1.59 0.00	44.28 -1.90 0.00	47.62 -1.99 0.00	44.75 -1.96 0.00	43.97 -1.83 0.00	43.98 -1.79 0.00	44.50 -1.86 0.00	43.23 -1.75 0.00	44.27 -1.80 0.00	42.25 -1.76 0.00	44.26 -1.85 0.00	46.63 -1.94 0.00	51.59 -2.09 0.00	49.48 -2.01 0.00	45.12 -1.93 0.00	42.99 -1.93 0.00	40.20 -1.68 0.00	37.60 -1.65 0.00	36.69 -1.49 0.00
NM_CAPITAL___DRP 24208	45.65 1.20 0.00	42.08 1.15 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.72 0.84 0.00	38.45 0.64 0.00	46.91 0.74 0.00	50.49 0.89 0.00	48.25 1.03 -0.51	47.87 1.01 -1.06	47.97 0.96 -1.24	48.55 0.97 -1.22	47.34 0.94 -1.41	48.25 1.01 -1.17	46.24 1.01 -1.21	48.32 1.15 -1.07	49.80 1.12 -0.10	54.87 1.18 0.00	52.67 1.18 0.00	48.32 1.22 -0.05	46.21 1.17 -0.12	43.02 1.05 -0.09	41.04 1.22 -0.58	39.44 1.03 -0.23

NM_CENTRAL___DRP 24181	43.47 -0.98 0.00	39.95 -0.98 0.00	34.13 -0.80 0.00	33.49 -0.82 0.00	34.05 -0.84 0.00	36.94 -0.87 0.00	45.11 -1.06 0.00	48.61 -0.99 0.00	45.64 -1.07 0.00	44.84 -0.96 0.00	44.94 -0.82 0.00	45.48 -0.88 0.00	44.17 -0.81 0.00	45.28 -0.78 0.00	43.17 -0.84 0.00	45.18 -0.92 0.00	47.60 -0.97 0.00	52.67 -1.02 0.00	50.51 -0.98 0.00	46.02 -1.04 0.00	43.84 -1.08 0.00	41.04 -0.84 0.00	38.34 -0.90 0.00	37.41 -0.76 0.00
NM_FRONTIER___DRP 24179	40.89 -3.56 0.00	37.70 -3.23 0.00	32.59 -2.34 0.00	31.85 -2.47 0.00	32.31 -2.58 0.00	34.98 -2.84 0.00	41.97 -4.20 0.00	44.29 -5.31 0.00	40.92 -5.79 0.00	40.22 -5.59 0.00	40.46 -5.31 0.00	40.84 -5.52 0.00	39.81 -5.17 0.00	40.77 -5.30 0.00	38.77 -5.24 0.00	40.48 -5.62 0.00	42.36 -6.22 0.00	47.25 -6.44 0.00	45.36 -6.13 0.00	40.51 -6.54 0.00	38.59 -6.33 0.00	36.90 -4.98 0.00	34.93 -4.32 0.00	35.12 -3.05 0.00
NM_ST_REGIS___HYD 24053	45.51 1.07 0.00	42.08 1.15 0.00	35.84 0.91 0.00	35.28 0.96 0.00	35.66 0.77 0.00	37.89 0.08 0.00	46.08 -0.09 0.00	49.01 -0.60 0.00	47.18 0.47 0.00	45.57 -0.23 0.00	46.54 0.78 0.00	47.01 0.65 0.00	45.61 0.63 0.00	46.43 0.37 0.00	43.17 -0.84 0.00	44.67 -1.43 0.00	46.78 -1.80 0.00	52.13 -1.56 0.00	49.79 -1.70 0.00	45.26 -1.79 0.00	43.39 -1.53 0.00	40.16 -1.72 0.00	37.83 -1.41 0.00	37.60 -0.57 0.00
NORTHPORT___1 23551	46.93 2.49 0.00	42.90 1.96 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.56 1.67 0.00	40.27 2.46 0.00	50.17 3.37 -0.63	56.70 3.82 -3.28	54.85 3.83 -4.31	54.18 3.57 -4.80	55.05 3.66 -5.62	59.77 3.66 -9.74	66.73 3.55 -18.20	66.72 3.73 -16.93	68.65 3.79 -20.85	70.98 3.97 -20.91	73.20 4.18 -20.45	78.23 4.19 -20.35	73.36 4.12 -17.75	69.75 4.38 -18.32	67.77 4.22 -18.63	57.56 3.85 -11.83	47.67 3.65 -4.77	43.65 3.21 -2.26
NORTHPORT___2 23552	46.93 2.49 0.00	42.90 1.96 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.56 1.67 0.00	40.27 2.46 0.00	50.17 3.37 -0.63	56.70 3.82 -3.28	54.85 3.83 -4.31	54.18 3.57 -4.80	55.05 3.66 -5.62	59.77 3.66 -9.74	66.73 3.55 -18.20	66.72 3.73 -16.93	68.65 3.79 -20.85	70.98 3.97 -20.91	73.20 4.18 -20.45	78.23 4.19 -20.35	73.36 4.12 -17.75	69.75 4.38 -18.32	67.77 4.22 -18.63	57.56 3.85 -11.83	47.67 3.65 -4.77	43.65 3.21 -2.26
NORTHPORT___3 23553	46.80 2.35 0.00	42.78 1.84 0.00	35.88 0.94 0.00	35.34 1.03 0.00	36.42 1.53 0.00	40.08 2.27 0.00	49.94 3.14 -0.63	56.41 3.52 -3.28	54.67 3.65 -4.31	54.04 3.44 -4.80	54.96 3.57 -5.62	59.72 3.62 -9.74	66.73 3.55 -18.20	66.68 3.69 -16.93	68.60 3.74 -20.85	70.98 3.97 -20.91	73.30 4.28 -20.45	78.39 4.35 -20.35	73.51 4.27 -17.75	69.70 4.33 -18.32	67.64 4.09 -18.63	57.43 3.73 -11.83	47.51 3.49 -4.77	43.49 3.06 -2.26
NORTHPORT___4 23650	46.80 2.35 0.00	42.78 1.84 0.00	35.88 0.94 0.00	35.34 1.03 0.00	36.42 1.53 0.00	40.08 2.27 0.00	49.94 3.14 -0.63	56.41 3.52 -3.28	54.67 3.65 -4.31	54.04 3.44 -4.80	54.96 3.57 -5.62	59.72 3.62 -9.74	66.73 3.55 -18.20	66.68 3.69 -16.93	68.60 3.74 -20.85	70.98 3.97 -20.91	73.30 4.28 -20.45	78.39 4.35 -20.35	73.51 4.27 -17.75	69.70 4.33 -18.32	67.64 4.09 -18.63	57.43 3.73 -11.83	47.51 3.49 -4.77	43.49 3.06 -2.26
NORTHPORT___IC 23718	47.25 2.80 0.00	42.94 2.01 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.84 1.95 0.00	40.16 2.34 0.00	50.17 3.37 -0.63	56.70 3.82 -3.28	54.85 3.83 -4.31	54.18 3.57 -4.80	55.05 3.66 -5.62	59.81 3.71 -9.74	66.73 3.55 -18.20	66.73 3.73 -16.93	68.65 3.78 -20.85	70.98 3.96 -20.91	73.20 4.18 -20.45	78.28 4.24 -20.35	73.41 4.17 -17.75	69.75 4.38 -18.32	67.68 4.13 -18.63	57.56 3.85 -11.83	47.67 3.65 -4.78	43.65 3.21 -2.26
NORTH___COUNTRY_ESR 323785	45.69 1.24 0.00	42.24 1.31 0.00	36.02 1.08 0.00	35.38 1.06 0.00	35.97 1.08 0.00	38.91 1.10 0.00	47.47 1.29 0.00	50.35 0.75 0.00	47.46 0.75 0.00	46.21 0.41 0.00	46.18 0.41 0.00	46.73 0.37 0.00	45.25 0.27 0.00	46.20 0.14 0.00	43.75 -0.26 0.00	45.64 -0.46 0.00	48.04 -0.53 0.00	53.32 -0.37 0.00	51.28 -0.21 0.00	46.72 -0.33 0.00	44.88 -0.04 0.00	41.42 -0.46 0.00	38.97 -0.27 0.00	38.03 -0.15 0.00
NPX_GEN_1385_PROXY 323591	47.60 3.16 0.00	43.67 2.74 0.00	36.75 1.82 0.00	36.17 1.85 0.00	37.41 2.44 -0.08	41.14 3.33 0.00	51.37 4.57 -0.63	57.95 5.06 -3.28	55.55 4.53 -4.31	54.64 4.03 -4.80	55.46 4.07 -5.62	60.09 3.99 -9.74	66.73 3.55 -18.20	66.72 3.73 -16.93	68.74 3.87 -20.85	71.30 4.29 -20.91	73.59 4.56 -20.45	78.82 4.78 -20.35	73.71 4.48 -17.75	70.03 4.66 -18.32	68.18 4.63 -18.63	57.81 4.11 -11.83	48.10 4.08 -4.77	44.14 3.70 -2.26
NPX_GEN_CSC 323557	47.69 3.24 0.00	43.47 2.54 0.00	36.29 1.36 0.00	35.76 1.44 0.00	36.98 2.09 0.00	40.84 3.03 0.00	51.00 4.20 -0.63	57.60 4.71 -3.28	55.69 4.67 -4.31	54.91 4.30 -4.80	55.82 4.44 -5.62	60.65 4.55 -9.74	67.63 4.45 -18.20	67.60 4.61 -16.93	69.58 4.71 -20.85	72.04 5.03 -20.91	74.56 5.54 -20.45	79.90 5.85 -20.35	74.90 5.66 -17.75	70.92 5.55 -18.32	68.76 5.21 -18.63	58.40 4.69 -11.83	48.45 4.43 -4.77	44.33 3.90 -2.26
NSINS_S___GLNS_FALLS 23858	46.67 2.22 0.00	42.65 1.72 0.00	36.36 1.43 0.00	35.69 1.37 0.00	36.28 1.40 0.00	39.44 1.63 0.00	48.67 2.49 0.00	52.58 2.98 0.00	50.05 2.85 -0.49	49.57 2.75 -1.02	49.56 2.61 -1.19	50.31 2.78 -1.17	49.03 2.70 -1.35	50.00 2.81 -1.12	47.77 2.60 -1.16	50.12 3.00 -1.02	51.49 2.82 -0.10	57.02 3.33 0.00	54.78 3.30 0.00	50.11 3.01 -0.04	48.00 2.96 -0.11	44.48 2.51 -0.09	41.96 2.16 -0.55	40.27 1.87 -0.22
NUCOR_STEEL___DRP 24197	44.00 -0.44 0.00	40.40 -0.53 0.00	34.55 -0.38 0.00	33.87 -0.45 0.00	34.47 -0.42 0.00	37.40 -0.42 0.00	45.81 -0.37 0.00	49.30 -0.30 0.00	46.20 -0.51 0.00	45.44 -0.37 0.00	45.54 -0.23 0.00	46.08 -0.28 0.00	44.76 -0.22 0.00	45.83 -0.23 0.00	43.70 -0.31 0.00	45.73 -0.37 0.00	48.24 -0.34 0.00	53.42 -0.27 0.00	51.28 -0.21 0.00	46.67 -0.38 0.00	44.43 -0.49 0.00	41.55 -0.34 0.00	38.73 -0.51 0.00	37.83 -0.34 0.00
NUMBER_THREE_WT_PWR 323818	44.85 0.40 0.00	41.30 0.37 0.00	35.25 0.31 0.00	34.66 0.34 0.00	35.20 0.31 0.00	37.89 0.08 0.00	46.41 0.23 0.00	49.95 0.35 0.00	47.41 0.70 0.00	45.94 0.14 0.00	46.22 0.46 0.00	46.64 0.28 0.00	45.21 0.23 0.00	46.06 0.00 0.00	43.61 -0.40 0.00	45.60 -0.51 0.00	47.99 -0.58 0.00	53.37 -0.32 0.00	50.92 -0.57 0.00	46.44 -0.61 0.00	44.29 -0.63 0.00	41.13 -0.75 0.00	38.34 -0.90 0.00	37.57 -0.61 0.00
NYISO_LBMP_REFERENCE 24008	44.45 0.00 0.00	40.93 0.00 0.00	34.93 0.00 0.00	34.32 0.00 0.00	34.89 0.00 0.00	37.81 0.00 0.00	46.17 0.00 0.00	49.60 0.00 0.00	46.71 0.00 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.98 0.00 0.00	46.06 0.00 0.00	44.01 0.00 0.00	46.10 0.00 0.00	48.58 0.00 0.00	53.69 0.00 0.00	51.49 0.00 0.00	47.05 0.00 0.00	44.92 0.00 0.00	41.88 0.00 0.00	39.24 0.00 0.00	38.18 0.00 0.00

NYPA_BRENTWD____GT 24164	47.38 2.93 0.00	43.22 2.29 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.80 1.92 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.32 4.29 -4.31	54.64 4.03 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.62 4.61 -20.91	73.98 4.96 -20.45	79.15 5.10 -20.35	74.23 4.99 -17.75	70.36 4.99 -18.32	68.31 4.76 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.77	44.03 3.59 -2.26
NYPA_GOWANUS____GT5 24156	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
NYPA_GOWANUS____GT6 24157	46.67 2.22 0.00	42.78 1.84 0.00	36.37 1.43 0.00	35.79 1.47 0.00	36.56 1.67 0.00	39.66 1.85 0.00	48.44 2.26 0.00	52.03 2.43 0.00	51.74 2.71 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.55 3.50 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.93 3.67 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.16 3.30 -2.62	42.04 2.83 -1.04
NYPA_HARLEM__RVR__GT1 24160	46.31 1.87 0.00	42.45 1.52 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.44 1.62 0.00	48.02 1.85 0.00	51.78 2.18 0.00	51.50 2.47 -2.32	53.12 2.52 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.85 2.47 -6.40	53.95 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.31 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
NYPA_HARLEM__RVR__GT2 24161	46.31 1.87 0.00	42.45 1.52 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.44 1.62 0.00	48.02 1.85 0.00	51.78 2.18 0.00	51.50 2.47 -2.32	53.12 2.52 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.85 2.47 -6.40	53.95 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.31 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
NYPA_KENT____GT 24152	46.54 2.09 0.00	42.69 1.76 0.00	36.29 1.36 0.00	35.76 1.44 0.00	36.49 1.61 0.00	39.63 1.81 0.00	48.44 2.26 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.36 2.75 -4.81	54.08 2.70 -5.62	54.62 2.73 -5.53	54.12 2.74 -6.40	54.23 2.86 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.93 3.67 -0.21	48.96 3.51 -0.54	45.74 3.43 -0.43	45.11 3.26 -2.62	42.00 2.79 -1.04
NYPA_POUCH1____GT 24155	46.76 2.31 0.00	42.86 1.92 0.00	36.43 1.50 0.00	35.86 1.55 0.00	36.63 1.74 0.00	39.74 1.93 0.00	48.39 2.22 0.00	51.93 2.33 0.00	51.56 2.52 -2.32	53.13 2.52 -4.81	53.85 2.47 -5.62	54.34 2.46 -5.53	53.85 2.47 -6.40	53.95 2.58 -5.31	52.19 2.68 -5.49	53.79 2.86 -4.82	52.40 3.35 -0.47	56.80 3.11 0.00	54.52 3.04 0.00	50.83 3.57 -0.21	49.01 3.55 -0.54	45.83 3.52 -0.43	45.19 3.33 -2.62	42.08 2.86 -1.04
NYPA_VERNON____GT2 24162	46.40 1.95 0.00	42.61 1.68 0.00	36.23 1.29 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.59 1.78 0.00	48.39 2.22 0.00	52.08 2.48 0.00	51.84 2.80 -2.32	53.41 2.79 -4.81	54.13 2.75 -5.62	54.62 2.73 -5.53	54.12 2.74 -6.40	54.23 2.86 -5.31	52.45 2.95 -5.49	54.06 3.14 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.88 3.62 -0.21	48.92 3.46 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
NYPA_VERNON____GT3 24163	46.40 1.95 0.00	42.61 1.68 0.00	36.23 1.29 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.59 1.78 0.00	48.39 2.22 0.00	52.08 2.48 0.00	51.84 2.80 -2.32	53.41 2.79 -4.81	54.13 2.75 -5.62	54.62 2.73 -5.53	54.12 2.74 -6.40	54.23 2.86 -5.31	52.45 2.95 -5.49	54.06 3.14 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.88 3.62 -0.21	48.92 3.46 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
NYPA__ASTORIA_CC1 323568	46.36 1.91 0.00	42.53 1.59 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.51 1.70 0.00	48.30 2.13 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	53.99 2.61 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.32 2.82 -5.49	53.92 3.00 -4.82	52.45 3.40 -0.47	56.91 3.22 0.00	54.63 3.14 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.62 3.31 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
NYPA__ASTORIA_CC2 323569	46.36 1.91 0.00	42.53 1.59 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.55 1.74 0.00	48.30 2.13 0.00	51.98 2.38 0.00	51.70 2.66 -2.32	53.31 2.70 -4.81	54.03 2.65 -5.62	54.53 2.64 -5.53	54.03 2.65 -6.40	54.14 2.76 -5.31	52.36 2.86 -5.49	53.97 3.04 -4.82	52.45 3.40 -0.47	56.96 3.28 0.00	54.68 3.19 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.66 3.35 -0.43	45.04 3.18 -2.62	41.93 2.71 -1.04
NYPA__HOLTSVILL 23794	47.11 2.67 0.00	42.98 2.05 0.00	35.98 1.05 0.00	35.45 1.13 0.00	36.60 1.71 0.00	40.34 2.53 0.00	50.31 3.51 -0.63	56.85 3.97 -3.28	55.04 4.02 -4.31	54.31 3.71 -4.80	55.23 3.84 -5.62	60.00 3.89 -9.74	66.96 3.78 -18.20	66.96 3.96 -16.93	68.87 4.00 -20.85	71.30 4.29 -20.91	73.69 4.66 -20.45	78.82 4.78 -20.35	73.92 4.68 -17.75	70.08 4.70 -18.32	68.04 4.49 -18.63	57.77 4.06 -11.83	47.94 3.92 -4.77	43.88 3.44 -2.26
NYPA__HELLGATE_GT1 24158	46.31 1.87 0.00	42.45 1.52 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.44 1.62 0.00	48.02 1.85 0.00	51.78 2.18 0.00	51.50 2.47 -2.32	53.12 2.52 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.85 2.47 -6.40	53.95 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.31 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
NYPA__HELLGATE_GT2 24159	46.31 1.87 0.00	42.45 1.52 0.00	36.19 1.26 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.44 1.62 0.00	48.02 1.85 0.00	51.78 2.18 0.00	51.50 2.47 -2.32	53.12 2.52 -4.80	53.80 2.42 -5.61	54.29 2.41 -5.52	53.85 2.47 -6.40	53.95 2.58 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.31 3.25 -0.47	56.86 3.17 0.00	54.58 3.09 0.00	50.69 3.43 -0.21	48.74 3.28 -0.54	45.62 3.31 -0.43	45.04 3.18 -2.62	42.00 2.79 -1.04
NYS_BARGE__HYD 23848	41.78 -2.67 0.00	38.35 -2.58 0.00	33.19 -1.75 0.00	32.50 -1.82 0.00	32.93 -1.95 0.00	35.39 -2.42 0.00	42.85 -3.33 0.00	45.73 -3.87 0.00	42.23 -4.48 0.00	41.59 -4.21 0.00	41.78 -3.98 0.00	42.19 -4.17 0.00	41.07 -3.91 0.00	42.10 -3.96 0.00	40.01 -4.00 0.00	41.77 -4.34 0.00	43.72 -4.86 0.00	48.91 -4.78 0.00	47.01 -4.48 0.00	41.83 -5.22 0.00	39.80 -5.12 0.00	37.99 -3.89 0.00	35.87 -3.38 0.00	36.04 -2.14 0.00

OAK ORCHARD___HYD 24046	42.45 -2.00 0.00	39.01 -1.92 0.00	33.53 -1.40 0.00	32.88 -1.44 0.00	33.39 -1.50 0.00	35.96 -1.85 0.00	43.87 -2.31 0.00	46.97 -2.63 0.00	43.68 -3.04 0.00	42.96 -2.84 0.00	43.11 -2.66 0.00	43.63 -2.74 0.00	42.42 -2.56 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.29 -2.81 0.00	45.56 -3.01 0.00	50.68 -3.01 0.00	48.60 -2.88 0.00	43.76 -3.29 0.00	41.64 -3.28 0.00	39.32 -2.56 0.00	36.93 -2.32 0.00	36.50 -1.68 0.00
OAKDALE___35_KV_LOAD 356122	44.40 -0.04 0.00	40.81 -0.12 0.00	34.90 -0.03 0.00	34.21 -0.10 0.00	34.82 -0.07 0.00	37.77 -0.04 0.00	46.13 -0.05 0.00	49.60 0.00 0.00	46.30 -0.19 0.22	45.25 -0.09 0.46	45.28 0.05 0.54	45.83 0.00 0.53	44.41 0.04 0.61	45.65 0.09 0.51	43.48 0.00 0.53	45.64 0.00 0.46	48.48 -0.05 0.05	53.80 0.11 0.00	51.64 0.15 0.00	46.94 -0.09 0.02	44.65 -0.22 0.05	41.80 -0.04 0.04	38.88 -0.12 0.25	38.16 0.08 0.10
OCC_CHEM___DRP 24175	40.98 -3.47 0.00	37.78 -3.15 0.00	32.66 -2.27 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	35.05 -2.76 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.35 -6.34 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
OH_GEN_PROXY 24063	41.33 -3.11 0.00	37.98 -2.95 0.00	32.84 -2.10 0.00	32.16 -2.16 0.00	32.62 -2.27 0.00	35.05 -2.76 0.00	42.44 -3.74 0.00	44.94 -4.66 0.00	41.48 -5.23 0.00	40.81 -4.99 0.00	41.01 -4.76 0.00	38.62 -5.01 2.73	38.55 -4.68 1.75	41.32 -4.74 0.00	39.30 -4.71 0.00	41.08 -5.02 0.00	42.99 -5.58 0.00	48.16 -5.53 0.00	46.23 -5.25 0.00	41.17 -5.88 0.00	39.22 -5.71 0.00	37.44 -4.44 0.00	35.40 -3.84 0.00	35.50 -2.67 0.00
OLIN_CORP_DRP 24177	41.02 -3.42 0.00	37.82 -3.11 0.00	32.70 -2.24 0.00	31.95 -2.37 0.00	32.41 -2.48 0.00	35.13 -2.68 0.00	42.11 -4.06 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.41 -6.28 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.94 -4.94 0.00	34.97 -4.28 0.00	35.16 -3.02 0.00
OLIN_CORP_DSASP 323712	40.98 -3.47 0.00	37.66 -3.28 0.00	32.59 -2.34 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	34.75 -3.06 0.00	42.02 -4.16 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.40 -5.41 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.45 -6.12 0.00	47.46 -6.23 0.00	45.62 -5.87 0.00	40.61 -6.44 0.00	38.63 -6.29 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
ONEIDA_HERK_LFGE 323681	45.07 0.62 0.00	41.55 0.61 0.00	35.42 0.49 0.00	34.83 0.52 0.00	35.41 0.52 0.00	38.30 0.49 0.00	46.87 0.69 0.00	50.44 0.84 0.00	47.70 0.98 0.00	46.58 0.78 0.00	46.73 0.96 0.00	47.24 0.88 0.00	45.83 0.85 0.00	46.85 0.78 0.00	44.54 0.53 0.00	46.66 0.56 0.00	49.11 0.54 0.00	54.44 0.75 0.00	52.05 0.57 0.00	47.52 0.47 0.00	45.32 0.40 0.00	42.13 0.25 0.00	39.36 0.12 0.00	38.41 0.23 0.00
ONEIDA___115KV_TB4 55905	45.20 0.76 0.00	41.63 0.70 0.00	35.53 0.59 0.00	34.90 0.58 0.00	35.52 0.63 0.00	38.49 0.68 0.00	47.14 0.97 0.00	50.74 1.14 0.00	47.83 1.12 0.00	46.86 1.05 0.00	46.91 1.14 0.00	47.52 1.16 0.00	46.11 1.12 0.00	47.22 1.15 0.00	44.98 0.97 0.00	47.16 1.06 0.00	49.69 1.12 0.00	55.03 1.34 0.00	52.67 1.18 0.00	48.04 0.99 0.00	45.78 0.85 0.00	42.68 0.80 0.00	39.79 0.55 0.00	38.83 0.65 0.00
ONONDAGA_REF_OCCRA 23987	43.73 -0.71 0.00	40.20 -0.74 0.00	34.34 -0.59 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.80 -0.56 0.00	44.49 -0.49 0.00	45.56 -0.51 0.00	43.48 -0.53 0.00	45.50 -0.60 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.34 -0.54 0.00	38.58 -0.67 0.00	37.64 -0.53 0.00
ONONDAGA___COGEN 23986	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
ONTARIO___LFGE 23819	44.14 -0.31 0.00	40.48 -0.45 0.00	34.69 -0.24 0.00	34.01 -0.31 0.00	34.57 -0.31 0.00	37.43 -0.38 0.00	45.76 -0.42 0.00	49.26 -0.34 0.00	46.01 -0.70 0.00	45.21 -0.60 0.00	45.35 -0.41 0.00	45.81 -0.55 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.44 -0.57 0.00	45.50 -0.60 0.00	47.75 -0.83 0.00	53.10 -0.59 0.00	51.02 -0.46 0.00	46.30 -0.75 0.00	43.98 -0.95 0.00	41.29 -0.59 0.00	38.50 -0.75 0.00	37.83 -0.34 0.00
ORANGEVILLE_WT_PWR 323706	43.16 -1.29 0.00	39.58 -1.35 0.00	34.13 -0.80 0.00	33.42 -0.89 0.00	33.84 -1.05 0.00	36.49 -1.32 0.00	44.28 -1.90 0.00	47.12 -2.48 0.00	43.63 -3.08 0.00	42.83 -2.98 0.00	43.02 -2.74 0.00	43.35 -3.01 0.00	42.15 -2.83 0.00	43.21 -2.86 0.00	41.10 -2.91 0.00	43.02 -3.09 0.00	45.08 -3.50 0.00	50.36 -3.33 0.00	48.34 -3.14 0.00	43.19 -3.86 0.00	41.06 -3.86 0.00	38.95 -2.93 0.00	36.65 -2.59 0.00	36.61 -1.57 0.00
ORANGEVILLE___ESR 323794	43.16 -1.29 0.00	39.58 -1.35 0.00	34.13 -0.80 0.00	33.42 -0.89 0.00	33.84 -1.05 0.00	36.49 -1.32 0.00	44.28 -1.90 0.00	47.12 -2.48 0.00	43.63 -3.08 0.00	42.83 -2.98 0.00	43.02 -2.74 0.00	43.35 -3.01 0.00	42.15 -2.83 0.00	43.21 -2.86 0.00	41.10 -2.91 0.00	43.02 -3.09 0.00	45.08 -3.50 0.00	50.36 -3.33 0.00	48.34 -3.14 0.00	43.19 -3.86 0.00	41.06 -3.86 0.00	38.95 -2.93 0.00	36.65 -2.59 0.00	36.61 -1.57 0.00
OSWEGATCHIE___HYD 24044	44.62 0.18 0.00	41.18 0.25 0.00	35.11 0.18 0.00	34.49 0.17 0.00	34.99 0.10 0.00	37.21 -0.61 0.00	45.48 -0.69 0.00	48.71 -0.89 0.00	46.76 0.05 0.00	45.21 -0.60 0.00	46.00 0.23 0.00	46.41 0.05 0.00	45.03 0.05 0.00	45.88 -0.18 0.00	42.91 -1.10 0.00	44.63 -1.48 0.00	46.78 -1.80 0.00	52.08 -1.61 0.00	49.68 -1.80 0.00	45.26 -1.79 0.00	43.21 -1.71 0.00	40.12 -1.76 0.00	37.56 -1.69 0.00	37.18 -0.99 0.00
OSWEGO___5 23606	43.07 -1.38 0.00	39.62 -1.31 0.00	33.85 -1.08 0.00	33.22 -1.10 0.00	33.77 -1.12 0.00	36.60 -1.21 0.00	44.74 -1.43 0.00	48.11 -1.49 0.00	45.22 -1.50 0.00	44.38 -1.42 0.00	44.44 -1.33 0.00	44.97 -1.39 0.00	43.68 -1.31 0.00	44.73 -1.34 0.00	42.69 -1.32 0.00	44.72 -1.38 0.00	47.07 -1.51 0.00	52.13 -1.56 0.00	49.99 -1.49 0.00	45.54 -1.51 0.00	43.44 -1.48 0.00	40.58 -1.30 0.00	37.99 -1.26 0.00	37.03 -1.14 0.00

OSWEGO___6 23613	43.07 -1.38 0.00	39.62 -1.31 0.00	33.85 -1.08 0.00	33.22 -1.10 0.00	33.77 -1.12 0.00	36.60 -1.21 0.00	44.74 -1.43 0.00	48.11 -1.49 0.00	45.22 -1.50 0.00	44.38 -1.42 0.00	44.44 -1.33 0.00	44.97 -1.39 0.00	43.68 -1.31 0.00	44.73 -1.34 0.00	42.69 -1.32 0.00	44.72 -1.38 0.00	47.07 -1.51 0.00	52.13 -1.56 0.00	49.99 -1.49 0.00	45.54 -1.51 0.00	43.44 -1.48 0.00	40.58 -1.30 0.00	37.99 -1.26 0.00	37.03 -1.14 0.00
OUTOKUMPU-AB___DRP 24206	42.27 -2.18 0.00	38.89 -2.05 0.00	33.64 -1.29 0.00	32.84 -1.48 0.00	33.32 -1.57 0.00	36.15 -1.66 0.00	43.36 -2.82 0.00	46.03 -3.57 0.00	42.56 -4.16 0.00	41.82 -3.98 0.00	42.15 -3.62 0.00	42.56 -3.80 0.00	41.43 -3.55 0.00	42.47 -3.59 0.00	40.31 -3.70 0.00	42.09 -4.01 0.00	44.01 -4.57 0.00	49.13 -4.56 0.00	47.21 -4.27 0.00	42.11 -4.94 0.00	40.07 -4.85 0.00	38.19 -3.69 0.00	36.10 -3.14 0.00	36.27 -1.91 0.00
OXBOW___BTM 323836	41.73 -2.71 0.00	38.27 -2.66 0.00	33.11 -1.82 0.00	32.46 -1.85 0.00	32.90 -1.99 0.00	35.35 -2.46 0.00	42.76 -3.42 0.00	45.33 -4.27 0.00	41.90 -4.81 0.00	41.22 -4.58 0.00	41.46 -4.30 0.00	41.82 -4.54 0.00	40.75 -4.23 0.00	41.78 -4.28 0.00	39.70 -4.31 0.00	41.40 -4.70 0.00	43.28 -5.29 0.00	48.48 -5.21 0.00	46.59 -4.89 0.00	41.45 -5.60 0.00	39.44 -5.48 0.00	37.65 -4.23 0.00	35.63 -3.61 0.00	35.81 -2.37 0.00
OXBOW____ 24026	41.69 -2.76 0.00	38.39 -2.54 0.00	33.22 -1.71 0.00	32.43 -1.89 0.00	32.90 -1.99 0.00	35.66 -2.16 0.00	42.80 -3.37 0.00	45.34 -4.27 0.00	41.90 -4.81 0.00	41.13 -4.67 0.00	41.46 -4.30 0.00	41.86 -4.50 0.00	40.75 -4.23 0.00	41.78 -4.28 0.00	39.65 -4.36 0.00	41.40 -4.70 0.00	43.28 -5.29 0.00	48.37 -5.32 0.00	46.44 -5.05 0.00	41.45 -5.60 0.00	39.44 -5.48 0.00	37.65 -4.23 0.00	35.63 -3.61 0.00	35.81 -2.37 0.00
OXY_CHEM_DSASP 323612	40.98 -3.47 0.00	37.78 -3.15 0.00	32.66 -2.27 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	35.05 -2.76 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.35 -6.34 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
OZONE_PARK_ESR 323760	46.58 2.13 0.00	42.69 1.76 0.00	36.36 1.43 0.00	35.76 1.44 0.00	36.53 1.64 0.00	39.66 1.85 0.00	48.81 2.63 0.00	52.63 3.03 0.00	52.31 3.27 -2.32	53.91 3.30 -4.81	54.59 3.20 -5.62	55.13 3.25 -5.53	54.58 3.19 -6.40	54.74 3.36 -5.32	52.89 3.39 -5.50	54.53 3.60 -4.83	52.99 3.93 -0.48	57.55 3.87 0.00	55.30 3.81 0.00	51.31 4.05 -0.21	49.23 3.77 -0.54	45.82 3.52 -0.42	45.16 3.30 -2.62	41.99 2.79 -1.03
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	40.98 -3.47 0.00	37.78 -3.15 0.00	32.66 -2.27 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	35.05 -2.76 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.35 -6.34 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
PACKARD__115KV_DUPONT_184 80571	40.98 -3.47 0.00	37.78 -3.15 0.00	32.66 -2.27 0.00	31.91 -2.40 0.00	32.38 -2.51 0.00	35.05 -2.76 0.00	42.06 -4.11 0.00	44.44 -5.16 0.00	41.01 -5.70 0.00	40.31 -5.50 0.00	40.55 -5.22 0.00	40.94 -5.42 0.00	39.90 -5.08 0.00	40.86 -5.21 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.46 -6.12 0.00	47.35 -6.34 0.00	45.51 -5.97 0.00	40.60 -6.45 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	35.01 -4.24 0.00	35.20 -2.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.31 1.87 0.00	42.37 1.43 0.00	36.19 1.26 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.29 1.47 0.00	48.34 2.17 0.00	51.78 2.18 0.00	51.51 2.48 -2.32	53.13 2.52 -4.81	53.81 2.43 -5.62	54.34 2.46 -5.53	53.81 2.43 -6.40	53.91 2.53 -5.31	52.14 2.64 -5.49	53.79 2.86 -4.82	52.30 3.25 -0.47	56.80 3.11 0.00	54.58 3.09 0.00	50.65 3.39 -0.21	48.69 3.23 -0.54	45.57 3.27 -0.43	45.00 3.14 -2.62	41.93 2.71 -1.04
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.85 2.40 0.00	42.86 1.92 0.00	36.61 1.68 0.00	36.00 1.68 0.00	36.77 1.88 0.00	39.70 1.89 0.00	48.85 2.68 0.00	52.33 2.73 0.00	51.98 2.94 -2.32	53.54 2.93 -4.81	54.22 2.84 -5.62	54.76 2.87 -5.53	54.21 2.83 -6.40	54.37 2.99 -5.31	52.58 3.08 -5.49	54.20 3.27 -4.82	52.79 3.74 -0.47	57.34 3.65 0.00	55.04 3.55 0.00	51.12 3.86 -0.21	49.10 3.64 -0.54	45.95 3.64 -0.43	45.35 3.49 -2.62	42.31 3.09 -1.04
PATROON__115KV_TB1 80586	45.74 1.29 0.00	42.08 1.15 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.72 0.84 0.00	38.42 0.60 0.00	46.87 0.69 0.00	50.49 0.89 0.00	48.19 0.98 -0.50	47.85 1.01 -1.04	47.94 0.96 -1.21	48.53 0.97 -1.19	47.31 0.94 -1.38	48.22 1.01 -1.15	46.21 1.01 -1.18	48.30 1.15 -1.04	49.80 1.12 -0.10	54.87 1.18 0.00	52.67 1.18 0.00	48.32 1.22 -0.05	46.21 1.17 -0.12	43.02 1.05 -0.09	41.02 1.22 -0.56	39.43 1.03 -0.22
PATTRSNVILLE__SOLAR 323815	45.83 1.38 0.00	42.12 1.19 0.00	35.88 0.94 0.00	35.24 0.93 0.00	35.86 0.98 0.00	38.95 1.13 0.00	47.79 1.62 0.00	51.44 1.84 0.00	48.82 1.68 -0.43	48.16 1.47 -0.89	48.17 1.37 -1.04	48.86 1.48 -1.02	47.56 1.40 -1.18	48.52 1.47 -0.98	46.47 1.45 -1.01	48.74 1.75 -0.89	50.51 1.85 -0.09	55.84 2.15 0.00	53.60 2.11 0.00	49.07 1.98 -0.04	46.91 1.89 -0.10	43.63 1.68 -0.08	41.22 1.49 -0.48	39.67 1.30 -0.19
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.91 -0.53 0.00	40.36 -0.57 0.00	34.83 -0.10 0.00	34.01 -0.31 0.00	34.54 -0.35 0.00	37.47 -0.34 0.00	45.11 -1.06 0.00	47.96 -1.64 0.00	44.38 -2.34 0.00	43.51 -2.29 0.00	43.89 -1.88 0.00	44.32 -2.04 0.00	43.14 -1.84 0.00	44.27 -1.80 0.00	41.99 -2.02 0.00	43.89 -2.21 0.00	45.86 -2.72 0.00	51.27 -2.42 0.00	49.27 -2.21 0.00	43.95 -3.11 0.00	41.82 -3.10 0.00	39.74 -2.14 0.00	37.48 -1.77 0.00	37.57 -0.61 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	46.71 2.27 0.00	42.90 1.96 0.00	36.50 1.57 0.00	35.93 1.61 0.00	36.60 1.71 0.00	39.78 1.97 0.00	48.94 2.77 0.00	52.63 3.03 0.00	51.03 3.27 -1.04	51.22 3.25 -2.16	51.59 3.30 -2.53	52.18 3.34 -2.49	51.14 3.28 -2.88	51.91 3.45 -2.39	49.91 3.43 -2.47	51.92 3.64 -2.17	52.82 4.03 -0.21	57.72 4.03 0.00	55.55 4.07 0.00	51.19 4.05 -0.09	48.85 3.68 -0.24	45.34 3.27 -0.19	43.32 2.90 -1.18	41.12 2.48 -0.46
PEEKSKILL____ 23653	46.04 1.60 0.00	42.28 1.35 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.11 1.22 0.00	39.29 1.47 0.00	48.16 1.98 0.00	51.88 2.28 0.00	51.64 2.43 -2.50	53.45 2.47 -5.18	54.24 2.42 -6.05	54.72 2.41 -5.95	54.30 2.43 -6.89	54.32 2.53 -5.72	52.52 2.60 -5.92	54.07 2.77 -5.20	52.10 3.01 -0.51	56.69 3.00 0.00	54.42 2.93 0.00	50.33 3.06 -0.23	48.38 2.88 -0.58	44.93 2.60 -0.45	44.49 2.43 -2.82	41.27 1.98 -1.11

PGE MADISON___WINDPWR 24146	47.56 3.11 0.00	43.75 2.82 0.00	37.34 2.41 0.00	36.79 2.47 0.00	37.36 2.48 0.00	40.54 2.72 0.00	49.82 3.65 0.00	55.95 6.35 0.00	52.58 6.12 0.26	51.32 6.05 0.53	51.51 6.36 0.62	52.19 6.44 0.61	51.16 6.88 0.70	52.53 7.05 0.59	49.96 6.56 0.61	52.53 6.96 0.53	56.00 7.48 0.05	58.47 4.78 0.00	55.92 4.43 0.00	50.74 3.72 0.02	48.23 3.37 0.06	44.85 3.02 0.05	41.35 2.39 0.29	40.62 2.56 0.11
PIERCEFIELD___HYD 23852	45.16 0.71 0.00	41.75 0.82 0.00	35.60 0.66 0.00	35.00 0.69 0.00	35.38 0.49 0.00	37.32 -0.49 0.00	45.34 -0.83 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.16 -0.64 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.49 -2.20 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.34 -0.84 0.00
PINELAWN_CC_1 323563	47.02 2.58 0.00	42.94 2.01 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.56 1.67 0.00	40.27 2.46 0.00	50.17 3.37 -0.63	56.70 3.82 -3.28	54.90 3.88 -4.31	54.22 3.62 -4.80	55.14 3.75 -5.62	59.91 3.80 -9.74	66.91 3.73 -18.20	66.91 3.91 -16.93	68.83 3.96 -20.85	71.21 4.19 -20.91	73.59 4.56 -20.45	78.71 4.67 -20.35	73.82 4.58 -17.75	69.99 4.61 -18.32	67.91 4.36 -18.63	57.64 3.94 -11.83	47.71 3.69 -4.77	43.72 3.28 -2.26
PJM_GEN_HTP_PROXY 323702	46.23 1.78 0.00	42.49 1.56 0.00	36.12 1.19 0.00	35.55 1.23 0.00	36.28 1.40 0.00	39.51 1.70 0.00	48.44 2.26 0.00	52.23 2.63 0.00	51.94 2.90 -2.33	53.51 2.89 -4.82	54.23 2.84 -5.63	54.72 2.83 -5.54	54.23 2.84 -6.41	54.34 2.95 -5.32	52.55 3.03 -5.50	54.12 3.18 -4.83	52.55 3.50 -0.48	57.07 3.38 0.00	54.78 3.30 0.00	50.83 3.57 -0.21	48.78 3.32 -0.54	45.40 3.10 -0.42	44.77 2.90 -2.62	41.65 2.45 -1.03
PJM_GEN_KEystone 24065	33.94 -0.27 10.25	32.77 -0.33 7.83	32.39 -0.21 2.33	30.20 -0.20 3.91	33.36 -0.17 1.35	35.18 -0.19 2.44	44.40 -0.23 1.54	49.26 -0.34 0.00	43.13 -0.51 3.07	38.99 -0.46 6.36	37.93 -0.41 7.42	38.51 -0.51 7.34	36.19 -0.36 8.43	38.74 -0.32 7.00	36.47 -0.31 7.23	39.43 -0.32 6.35	47.56 -0.39 0.63	53.32 -0.27 0.10	51.28 -0.21 0.00	46.35 -0.42 0.28	43.72 -0.49 0.71	41.16 -0.17 0.55	35.71 -0.08 3.46	36.93 0.11 1.36
PJM_GEN_NEPTUNE_PROXY 323594	46.45 2.00 0.00	42.45 1.52 0.00	35.63 0.70 0.00	35.10 0.79 0.00	36.14 1.25 0.00	39.78 1.96 0.00	49.32 2.68 -0.47	55.09 3.03 -2.46	53.74 3.22 -3.81	53.67 3.07 -4.80	54.50 3.11 -5.62	58.20 3.15 -8.69	63.32 3.10 -15.23	63.35 3.27 -14.01	64.31 3.30 -17.00	66.48 3.50 -16.87	67.80 3.79 -15.43	72.75 3.81 -15.25	68.49 3.71 -13.30	64.69 3.86 -13.78	62.65 3.64 -14.09	54.15 3.31 -8.97	46.62 3.14 -4.23	42.84 2.71 -1.95
PJM_GEN_VFT_PROXY 323633	45.96 1.51 0.00	42.20 1.27 0.00	35.91 0.98 0.00	35.34 1.03 0.00	36.07 1.19 0.00	39.29 1.47 0.00	48.16 1.98 0.00	51.93 2.33 0.00	51.65 2.61 -2.32	53.22 2.61 -4.81	53.90 2.52 -5.62	53.90 2.50 -5.04	53.90 2.52 -6.40	53.90 2.62 -5.21	52.28 2.77 -5.50	53.84 2.91 -4.83	52.26 3.21 -0.48	55.24 2.95 1.40	54.42 2.93 0.00	50.65 3.39 -0.21	48.65 3.19 -0.54	45.23 2.93 -0.42	44.61 2.75 -2.62	41.50 2.29 -1.03
PLATSBURG_115KV_PMLD1 355749	46.14 1.69 0.00	42.65 1.72 0.00	36.33 1.40 0.00	35.76 1.44 0.00	36.28 1.40 0.00	39.36 1.55 0.00	48.02 1.85 0.00	50.84 1.24 0.00	47.88 1.17 0.00	46.63 0.82 0.00	46.59 0.82 0.00	47.15 0.79 0.00	45.70 0.72 0.00	46.66 0.60 0.00	44.23 0.22 0.00	46.15 0.05 0.00	48.62 0.05 0.00	53.96 0.27 0.00	51.90 0.41 0.00	47.19 0.14 0.00	45.33 0.40 0.00	41.80 -0.08 0.00	39.28 0.04 0.00	38.33 0.15 0.00
PLEASANTVLY___LBMP 24000	46.05 1.60 0.00	42.28 1.35 0.00	36.05 1.12 0.00	35.45 1.13 0.00	36.14 1.26 0.00	39.21 1.40 0.00	48.11 1.94 0.00	51.83 2.23 0.00	50.79 2.48 -1.60	51.59 2.47 -3.32	52.07 2.43 -3.87	52.58 2.41 -3.81	51.78 2.38 -4.41	52.22 2.49 -3.67	50.35 2.55 -3.79	52.11 2.67 -3.33	51.82 2.91 -0.33	56.64 2.95 0.00	54.37 2.88 0.00	50.21 3.01 -0.14	48.08 2.79 -0.37	44.72 2.55 -0.29	43.44 2.39 -1.80	40.87 1.99 -0.71
PLSNTVLE_13_KV_13.8KVDIST 80602	46.22 1.78 0.00	42.41 1.47 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.36 1.55 0.00	48.34 2.17 0.00	52.13 2.53 0.00	51.57 2.76 -2.10	52.95 2.79 -4.35	53.59 2.75 -5.08	54.09 2.74 -5.00	53.47 2.70 -5.79	53.73 2.86 -4.81	51.84 2.86 -4.97	53.51 3.04 -4.36	52.31 3.30 -0.43	57.02 3.33 0.00	54.78 3.30 0.00	50.63 3.39 -0.19	48.55 3.14 -0.48	45.15 2.89 -0.38	44.28 2.67 -2.37	41.36 2.25 -0.93
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.22 1.78 0.00	42.41 1.47 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.36 1.55 0.00	48.34 2.17 0.00	52.13 2.53 0.00	51.57 2.76 -2.10	52.95 2.79 -4.35	53.59 2.75 -5.08	54.09 2.74 -5.00	53.47 2.70 -5.79	53.73 2.86 -4.81	51.84 2.86 -4.97	53.51 3.04 -4.36	52.31 3.30 -0.43	57.02 3.33 0.00	54.78 3.30 0.00	50.63 3.39 -0.19	48.55 3.14 -0.48	45.15 2.89 -0.38	44.28 2.67 -2.37	41.36 2.25 -0.93
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.49 2.04 0.00	42.73 1.80 0.00	36.36 1.43 0.00	35.76 1.44 0.00	36.46 1.57 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.38 2.78 0.00	50.30 2.94 -0.64	50.02 2.89 -1.33	50.16 2.84 -1.56	50.72 2.83 -1.53	49.55 2.79 -1.78	50.44 2.90 -1.47	48.48 2.95 -1.52	50.62 3.18 -1.34	52.20 3.50 -0.13	57.34 3.65 0.00	55.04 3.55 0.00	50.64 3.53 -0.06	48.35 3.28 -0.15	44.97 2.97 -0.12	42.68 2.71 -0.73	40.75 2.29 -0.29
POLETTI___ 23519	44.86 1.64 1.23	42.32 1.39 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.25 1.36 0.00	39.36 1.55 0.00	44.86 2.12 3.44	46.80 2.48 5.28	46.61 2.76 2.86	47.61 2.75 0.94	46.86 2.70 1.61	46.91 2.74 2.19	46.86 2.70 0.82	48.86 2.81 0.01	47.99 2.90 -1.08	48.86 3.04 0.29	47.99 3.35 3.93	50.31 3.22 6.60	46.91 3.19 7.77	45.99 3.43 4.49	45.99 3.23 2.17	45.31 3.02 -0.42	44.88 3.02 -2.62	41.77 2.56 -1.03
POMONA___ESR 323819	45.87 1.42 0.00	42.12 1.19 0.00	35.84 0.91 0.00	35.28 0.96 0.00	35.97 1.08 0.00	39.17 1.36 0.00	48.02 1.85 0.00	51.73 2.13 0.00	44.94 2.24 4.02	39.73 2.24 8.32	38.30 2.24 9.71	39.03 2.23 9.56	36.12 2.20 11.07	39.22 2.35 9.19	36.88 2.37 9.50	40.29 2.53 8.35	50.57 2.82 0.82	56.48 2.79 0.00	54.27 2.78 0.00	49.56 2.87 0.36	46.64 2.65 0.93	43.54 2.39 0.72	36.96 2.24 4.52	38.19 1.79 1.78
PORT_JEFF_3 23555	47.33 2.89 0.00	43.14 2.21 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.73 1.85 0.00	40.50 2.68 0.00	50.54 3.74 -0.63	57.10 4.21 -3.28	55.27 4.25 -4.31	54.54 3.94 -4.80	55.46 4.07 -5.62	60.23 4.12 -9.74	67.23 4.05 -18.20	67.19 4.19 -16.93	69.13 4.27 -20.85	71.58 4.57 -20.91	73.98 4.96 -20.45	79.20 5.15 -20.35	74.28 5.05 -17.75	70.36 4.99 -18.32	68.27 4.72 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.77	44.03 3.59 -2.26

PORT_JEFF_4 23616	47.33 2.89 0.00	43.14 2.21 0.00	36.08 1.15 0.00	35.55 1.23 0.00	36.73 1.85 0.00	40.50 2.68 0.00	50.54 3.74 -0.63	57.10 4.21 -3.28	55.27 4.25 -4.31	54.54 3.94 -4.80	55.46 4.07 -5.62	60.23 4.12 -9.74	67.23 4.05 -18.20	67.19 4.19 -16.93	69.13 4.27 -20.85	71.58 4.57 -20.91	73.98 4.96 -20.45	79.20 5.15 -20.35	74.28 5.05 -17.75	70.36 4.99 -18.32	68.27 4.72 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.77	44.03 3.59 -2.26
PORT_JEFF_IC 23713	47.60 3.16 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.55 1.24 0.00	37.05 2.16 0.00	40.42 2.61 0.00	50.59 3.79 -0.63	57.15 4.27 -3.28	55.32 4.30 -4.31	54.59 3.98 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.27 4.09 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.67 4.66 -20.91	74.07 5.05 -20.45	79.30 5.26 -20.35	74.38 5.15 -17.75	70.45 5.08 -18.32	68.31 4.76 -18.63	58.06 4.36 -11.83	48.18 4.16 -4.78	44.07 3.63 -2.26
PPL_PILGRIM_ST_GT1 24216	47.38 2.93 0.00	43.22 2.29 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.80 1.92 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.32 4.29 -4.31	54.64 4.03 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.62 4.61 -20.91	73.98 4.96 -20.45	79.15 5.10 -20.35	74.23 4.99 -17.75	70.36 4.99 -18.32	68.31 4.76 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.77	44.03 3.59 -2.26
PPL_PILGRIM_ST_GT2 24217	47.38 2.93 0.00	43.22 2.29 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.80 1.92 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.32 4.29 -4.31	54.64 4.03 -4.80	55.50 4.12 -5.62	60.32 4.22 -9.74	67.31 4.14 -18.20	67.28 4.28 -16.93	69.22 4.36 -20.85	71.62 4.61 -20.91	73.98 4.96 -20.45	79.15 5.10 -20.35	74.23 4.99 -17.75	70.36 4.99 -18.32	68.31 4.76 -18.63	58.02 4.31 -11.83	48.10 4.08 -4.77	44.03 3.59 -2.26
PPL_SHRM_GT3 24213	47.69 3.24 0.00	43.47 2.54 0.00	36.29 1.36 0.00	35.76 1.44 0.00	36.98 2.09 0.00	40.84 3.03 0.00	50.96 4.16 -0.63	57.60 4.71 -3.28	55.65 4.63 -4.31	54.86 4.26 -4.80	55.78 4.39 -5.62	60.60 4.50 -9.74	67.59 4.41 -18.20	67.56 4.56 -16.93	69.53 4.66 -20.85	72.00 4.98 -20.91	74.51 5.49 -20.45	79.84 5.80 -20.35	74.90 5.66 -17.75	70.88 5.50 -18.32	68.76 5.21 -18.63	58.40 4.69 -11.83	48.45 4.43 -4.77	44.33 3.90 -2.26
PPL_SHRM_GT4 24214	47.69 3.24 0.00	43.47 2.54 0.00	36.29 1.36 0.00	35.76 1.44 0.00	36.98 2.09 0.00	40.84 3.03 0.00	50.96 4.16 -0.63	57.60 4.71 -3.28	55.65 4.63 -4.31	54.86 4.26 -4.80	55.78 4.39 -5.62	60.60 4.50 -9.74	67.59 4.41 -18.20	67.56 4.56 -16.93	69.53 4.66 -20.85	72.00 4.98 -20.91	74.51 5.49 -20.45	79.84 5.80 -20.35	74.90 5.66 -17.75	70.88 5.50 -18.32	68.76 5.21 -18.63	58.40 4.69 -11.83	48.45 4.43 -4.77	44.33 3.90 -2.26
PROJECT___ORANGE 1 24174	43.47 -0.98 0.00	39.95 -0.98 0.00	34.13 -0.80 0.00	33.49 -0.82 0.00	34.09 -0.80 0.00	36.98 -0.83 0.00	45.16 -1.02 0.00	48.61 -0.99 0.00	45.64 -1.07 0.00	44.89 -0.92 0.00	44.94 -0.82 0.00	45.53 -0.83 0.00	44.22 -0.76 0.00	45.33 -0.74 0.00	43.22 -0.79 0.00	45.23 -0.88 0.00	47.60 -0.97 0.00	52.67 -1.02 0.00	50.56 -0.93 0.00	46.06 -0.99 0.00	43.84 -1.08 0.00	41.04 -0.84 0.00	38.34 -0.90 0.00	37.41 -0.76 0.00
PROJECT___ORANGE 2 24166	43.47 -0.98 0.00	39.95 -0.98 0.00	34.13 -0.80 0.00	33.49 -0.82 0.00	34.09 -0.80 0.00	36.98 -0.83 0.00	45.16 -1.02 0.00	48.61 -0.99 0.00	45.64 -1.07 0.00	44.89 -0.92 0.00	44.94 -0.82 0.00	45.53 -0.83 0.00	44.22 -0.76 0.00	45.33 -0.74 0.00	43.22 -0.79 0.00	45.23 -0.88 0.00	47.60 -0.97 0.00	52.67 -1.02 0.00	50.56 -0.93 0.00	46.06 -0.99 0.00	43.84 -1.08 0.00	41.04 -0.84 0.00	38.34 -0.90 0.00	37.41 -0.76 0.00
PUCKETT___SOLAR 323809	45.29 0.84 0.00	41.59 0.65 0.00	35.53 0.59 0.00	34.90 0.58 0.00	35.52 0.63 0.00	38.49 0.68 0.00	47.19 1.01 0.00	51.04 1.44 0.00	47.69 1.21 0.23	46.60 1.28 0.48	46.62 1.42 0.56	47.19 1.39 0.56	45.82 1.48 0.64	47.05 1.52 0.54	44.86 1.41 0.55	47.09 1.47 0.49	50.08 1.55 0.05	55.14 1.45 0.00	52.88 1.39 0.00	48.02 0.99 0.02	45.68 0.81 0.05	42.72 0.88 0.04	39.61 0.63 0.26	38.88 0.80 0.10
PYRITES___HYD 24023	45.87 1.42 0.00	42.41 1.47 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.00 1.12 0.00	38.19 0.38 0.00	46.50 0.32 0.00	49.65 0.05 0.00	48.07 1.35 0.00	46.40 0.60 0.00	47.64 1.88 0.00	48.08 1.72 0.00	46.65 1.66 0.00	47.49 1.43 0.00	43.92 -0.09 0.00	45.46 -0.65 0.00	47.51 -1.07 0.00	53.10 -0.59 0.00	50.61 -0.88 0.00	45.97 -1.08 0.00	43.98 -0.94 0.00	40.67 -1.21 0.00	38.22 -1.02 0.00	38.18 0.00 0.00
QUAKERRD_115KV_BK1 80622	41.78 -2.67 0.00	38.44 -2.50 0.00	33.01 -1.92 0.00	32.33 -1.99 0.00	32.83 -2.06 0.00	35.62 -2.19 0.00	43.27 -2.91 0.00	46.38 -3.22 0.00	43.16 -3.55 0.00	42.46 -3.34 0.00	42.65 -3.11 0.00	43.16 -3.20 0.00	41.97 -3.01 0.00	43.02 -3.04 0.00	40.93 -3.08 0.00	42.83 -3.27 0.00	45.08 -3.50 0.00	50.04 -3.65 0.00	47.93 -3.55 0.00	43.38 -3.67 0.00	41.28 -3.64 0.00	38.91 -2.97 0.00	36.46 -2.79 0.00	35.93 -2.25 0.00
QUENSBRY_115KV_TB8 356137	46.67 2.22 0.00	42.65 1.72 0.00	36.33 1.40 0.00	35.69 1.37 0.00	36.28 1.40 0.00	39.44 1.63 0.00	48.71 2.54 0.00	52.63 3.03 0.00	50.10 2.90 -0.49	49.61 2.79 -1.01	49.61 2.65 -1.19	50.40 2.87 -1.17	49.12 2.79 -1.35	50.04 2.86 -1.12	47.85 2.68 -1.16	50.16 3.04 -1.02	51.54 2.87 -0.10	57.07 3.38 0.00	54.83 3.35 0.00	50.11 3.01 -0.04	48.04 3.01 -0.11	44.52 2.55 -0.09	41.95 2.16 -0.55	40.23 1.83 -0.22
RAMAPO___LBMP 323565	45.74 1.29 0.00	42.00 1.06 0.00	35.77 0.84 0.00	35.21 0.89 0.00	35.90 1.01 0.00	38.95 1.13 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.89 2.06 3.87	39.89 2.11 8.02	38.46 2.06 9.37	39.18 2.04 9.22	36.33 2.02 10.67	39.37 2.16 8.86	37.05 2.20 9.16	40.41 2.35 8.05	50.36 2.57 0.79	56.32 2.63 0.00	54.06 2.57 0.00	49.38 2.68 0.35	46.50 2.47 0.89	43.44 2.26 0.70	36.96 2.08 4.36	38.14 1.68 1.72
RANKINE____ 23646	42.98 -1.47 0.00	39.54 -1.39 0.00	34.16 -0.77 0.00	33.36 -0.96 0.00	33.84 -1.05 0.00	36.72 -1.10 0.00	44.14 -2.03 0.00	46.82 -2.78 0.00	43.30 -3.41 0.00	42.51 -3.30 0.00	42.84 -2.93 0.00	43.21 -3.15 0.00	42.10 -2.88 0.00	43.16 -2.90 0.00	40.97 -3.04 0.00	42.78 -3.32 0.00	44.74 -3.84 0.00	49.98 -3.70 0.00	47.99 -3.50 0.00	42.82 -4.23 0.00	40.74 -4.18 0.00	38.78 -3.10 0.00	36.65 -2.59 0.00	36.77 -1.41 0.00
RAVENSWOOD_GT2_1 24244	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.45 2.84 -4.81	54.17 2.79 -5.62	54.71 2.83 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.31	52.50 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03

RAVENSWOOD_GT2_2 24245	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.45 2.84 -4.81	54.17 2.79 -5.62	54.71 2.83 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.31	52.50 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.79 3.53 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD_GT2_3 24246	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.22 2.84 -5.62	54.71 2.83 -5.53	54.21 2.83 -6.40	54.32 2.95 -5.31	52.50 2.99 -5.49	54.11 3.18 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.44 3.14 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD_GT2_4 24247	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.22 2.84 -5.62	54.71 2.83 -5.53	54.21 2.83 -6.40	54.32 2.95 -5.31	52.50 2.99 -5.49	54.11 3.18 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.44 3.14 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD_GT3_1 24248	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.17 2.79 -5.62	54.71 2.83 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.31	52.50 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD_GT3_2 24249	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.17 2.79 -5.62	54.71 2.83 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.31	52.50 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.07 3.38 0.00	54.78 3.30 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD_GT3_3 24250	46.31 1.87 0.00	42.49 1.56 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.23 2.63 0.00	51.93 2.90 -2.32	53.54 2.93 -4.81	54.26 2.88 -5.62	54.76 2.87 -5.53	54.26 2.88 -6.40	54.37 2.99 -5.31	52.54 3.04 -5.49	54.15 3.23 -4.82	52.60 3.55 -0.47	57.12 3.44 0.00	54.88 3.40 0.00	50.88 3.62 -0.21	48.87 3.41 -0.54	45.48 3.18 -0.42	44.84 2.98 -2.62	41.73 2.52 -1.03
RAVENSWOOD_GT3_4 24251	46.31 1.87 0.00	42.49 1.56 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.23 2.63 0.00	51.93 2.90 -2.32	53.54 2.93 -4.81	54.26 2.88 -5.62	54.76 2.87 -5.53	54.26 2.88 -6.40	54.37 2.99 -5.31	52.54 3.04 -5.49	54.15 3.23 -4.82	52.60 3.55 -0.47	57.12 3.44 0.00	54.88 3.40 0.00	50.88 3.62 -0.21	48.87 3.41 -0.54	45.48 3.18 -0.42	44.84 2.98 -2.62	41.73 2.52 -1.03
RAVENSWOOD_GT_1 23729	46.40 1.96 0.00	42.53 1.60 0.00	36.26 1.33 0.00	35.65 1.34 0.00	36.42 1.54 0.00																			

RAVENSWOOD_GT_9 24257	46.27 1.82 0.00	42.45 1.51 0.00	36.12 1.19 0.00	35.55 1.24 0.00	36.28 1.40 0.00	39.40 1.59 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.50 2.89 -4.81	54.17 2.79 -5.62	54.71 2.83 -5.53	54.17 2.79 -6.40	54.32 2.95 -5.31	52.50 2.99 -5.49	54.11 3.18 -4.82	52.55 3.50 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD___1 23533	46.40 1.95 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.69 1.37 0.00	36.42 1.53 0.00	39.55 1.74 0.00	48.35 2.17 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.41 2.79 -4.81	54.08 2.70 -5.62	54.62 2.73 -5.53	54.12 2.74 -6.40	54.23 2.86 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.83 3.57 -0.21	48.87 3.41 -0.54	45.66 3.35 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
RAVENSWOOD___2 23534	46.36 1.91 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.55 1.74 0.00	48.35 2.17 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.41 2.79 -4.81	54.08 2.70 -5.62	54.57 2.69 -5.53	54.12 2.74 -6.40	54.23 2.86 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.83 3.57 -0.21	48.87 3.41 -0.54	45.62 3.31 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
RAVENSWOOD___3 23535	46.27 1.82 0.00	42.49 1.56 0.00	36.15 1.22 0.00	35.59 1.27 0.00	36.32 1.43 0.00	39.51 1.70 0.00	48.44 2.26 0.00	52.18 2.58 0.00	51.89 2.85 -2.32	53.45 2.84 -4.81	54.17 2.79 -5.62	54.67 2.78 -5.53	54.17 2.79 -6.40	54.28 2.90 -5.31	52.50 2.99 -5.49	54.06 3.14 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.78 3.30 0.00	50.83 3.57 -0.21	48.83 3.37 -0.54	45.40 3.10 -0.42	44.80 2.94 -2.62	41.69 2.48 -1.03
RAVENSWOOD___4 23820	46.36 1.91 0.00	42.57 1.64 0.00	36.19 1.26 0.00	35.65 1.34 0.00	36.39 1.50 0.00	39.55 1.74 0.00	48.35 2.17 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.36 2.75 -4.81	54.08 2.70 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.73 3.25 0.00	50.83 3.57 -0.21	48.87 3.41 -0.54	45.61 3.31 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
RCPL_TRUST___DRP 24196	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.33	53.60 2.98 -4.82	54.32 2.93 -5.63	54.82 2.92 -5.54	54.31 2.92 -6.41	54.43 3.04 -5.32	52.59 3.08 -5.50	54.21 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.88 3.62 -0.21	48.87 3.41 -0.54	45.44 3.14 -0.42	44.81 2.94 -2.62	41.69 2.48 -1.03
RED___ROCHESTER 323720	42.71 -1.73 0.00	39.25 -1.68 0.00	33.74 -1.19 0.00	33.08 -1.23 0.00	33.56 -1.33 0.00	36.19 -1.62 0.00	44.14 -2.03 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.28 -2.52 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.11 -2.58 0.00	48.97 -2.52 0.00	44.09 -2.96 0.00	41.96 -2.97 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
REGAN___SOLAR 323812	47.29 2.85 0.00	43.35 2.41 0.00	36.85 1.92 0.00	36.17 1.85 0.00	36.81 1.92 0.00	40.12 2.31 0.00	49.54 3.37 0.00	53.42 3.82 0.00	50.50 3.41 -0.37	49.60 3.02 -0.77	49.51 2.84 -0.90	50.26 3.01 -0.89	48.85 2.84 -1.03	49.91 2.99 -0.86	47.75 2.86 -0.88	50.34 3.46 -0.78	52.25 3.59 -0.08	57.99 4.30 0.00	55.71 4.22 0.00	50.89 3.81 -0.03	48.69 3.68 -0.09	45.26 3.31 -0.07	42.49 2.83 -0.42	40.86 2.52 -0.17
RENSSELAER___COGEN 23796	45.56 1.11 0.00	41.99 1.06 0.00	35.77 0.84 0.00	35.14 0.82 0.00	35.59 0.70 0.00	38.34 0.53 0.00	46.73 0.56 0.00	50.24 0.64 0.00	47.97 0.75 -0.51	47.63 0.78 -1.05	47.68 0.69 -1.23	48.31 0.74 -1.21	47.10 0.72 -1.40	47.96 0.73 -1.16	46.00 0.79 -1.20	48.08 0.92 -1.05	49.60 0.92 -0.10	54.60 0.91 0.00	52.41 0.93 0.00	48.09 0.99 -0.05	45.98 0.94 -0.12	42.85 0.88 -0.09	40.88 1.06 -0.57	39.32 0.91 -0.22
REPUBLIC_115KV_BARTNBRK 55605	48.58 4.13 0.00	44.29 3.36 0.00	37.69 2.76 0.00	36.99 2.68 0.00	37.61 2.72 0.00	40.99 3.18 0.00	50.93 4.76 0.00	55.21 5.60 0.00	52.48 5.28 -0.49	51.91 5.08 -1.02	51.85 4.90 -1.19	52.72 5.19 -1.17	51.24 4.90 -1.35	52.26 5.07 -1.12	49.97 4.80 -1.16	52.52 5.39 -1.02	53.83 5.15 -0.10	59.76 6.07 0.00	57.41 5.92 0.00	52.41 5.32 -0.04	50.20 5.17 -0.11	46.41 4.44 -0.09	43.60 3.81 -0.55	41.79 3.40 -0.22
REVERE_CPPR_DRP 24186	45.51 1.07 0.00	41.91 0.98 0.00	35.77 0.84 0.00	35.17 0.86 0.00	35.76 0.87 0.00	38.76 0.95 0.00	47.47 1.29 0.00	51.09 1.49 0.00	48.21 1.49 0.00	47.22 1.42 0.00	47.32 1.56 0.00	47.89 1.53 0.00	46.51 1.53 0.00	47.58 1.52 0.00	45.29 1.28 0.00	47.44 1.34 0.00	49.98 1.41 0.00	55.41 1.72 0.00	53.03 1.54 0.00	48.32 1.27 0.00	46.09 1.17 0.00	42.89 1.01 0.00	39.95 0.71 0.00	39.02 0.84 0.00
REYNOLDS_115KV_TB3 80639	45.69 1.24 0.00	42.12 1.19 0.00	35.91 0.98 0.00	35.31 1.00 0.00	35.79 0.91 0.00	38.61 0.79 0.00	47.10 0.92 0.00	50.69 1.09 0.00	48.45 1.21 -0.52	48.08 1.19 -1.08	48.17 1.14 -1.26	48.76 1.16 -1.24	47.54 1.12 -1.44	48.41 1.15 -1.19	46.43 1.19 -1.24	48.53 1.34 -1.08	49.99 1.31 -0.11	55.08 1.40 0.00	52.83 1.34 0.00	48.51 1.41 -0.05	46.39 1.35 -0.12	43.19 1.21 -0.09	41.13 1.30 -0.59	39.55 1.15 -0.23
RIVERBAY____ 323610	46.85 2.40 0.00	42.86 1.92 0.00	36.61 1.68 0.00	36.00 1.68 0.00	36.77 1.88 0.00	39.70 1.89 0.00	48.85 2.68 0.00	52.33 2.73 0.00	51.98 2.94 -2.32	53.54 2.93 -4.81	54.22 2.84 -5.62	54.76 2.87 -5.53	54.21 2.83 -6.40	54.37 2.99 -5.31	52.58 3.08 -5.49	54.20 3.27 -4.82	52.79 3.74 -0.47	57.34 3.65 0.00	55.04 3.55 0.00	51.12 3.86 -0.21	49.10 3.64 -0.54	45.95 3.64 -0.43	45.35 3.49 -2.62	42.31 3.09 -1.04
RIVERSDE_115KV_TB3 55908	45.65 1.20 0.00	42.08 1.15 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.72 0.84 0.00	38.45 0.64 0.00	46.91 0.74 0.00	50.49 0.89 0.00	48.25 1.03 -0.51	47.87 1.01 -1.06	47.97 0.96 -1.24	48.55 0.97 -1.22	47.34 0.94 -1.41	48.25 1.01 -1.17	46.24 1.01 -1.21	48.32 1.15 -1.07	49.80 1.12 -0.10	54.87 1.18 0.00	52.67 1.18 0.00	48.32 1.22 -0.05	46.21 1.17 -0.12	43.02 1.05 -0.09	41.04 1.22 -0.58	39.44 1.03 -0.23
ROARING___BROOK_WT_PWR 323790	44.62 0.18 0.00	41.14 0.21 0.00	35.11 0.18 0.00	34.49 0.17 0.00	35.03 0.14 0.00	37.93 0.11 0.00	46.22 0.05 0.00	49.45 -0.15 0.00	46.53 -0.19 0.00	45.48 -0.32 0.00	45.35 -0.41 0.00	45.90 -0.46 0.00	44.40 -0.59 0.00	45.32 -0.74 0.00	43.22 -0.79 0.00	45.18 -0.92 0.00	47.55 -1.02 0.00	52.56 -1.13 0.00	50.35 -1.13 0.00	46.02 -1.04 0.00	44.02 -0.90 0.00	41.00 -0.88 0.00	38.42 -0.83 0.00	37.41 -0.76 0.00

ROCHESRG_115KV_T4 355643	42.27 -2.18 0.00	38.93 -2.01 0.00	33.50 -1.43 0.00	32.77 -1.54 0.00	33.28 -1.60 0.00	36.07 -1.74 0.00	43.73 -2.45 0.00	46.77 -2.83 0.00	43.49 -3.22 0.00	42.73 -3.07 0.00	42.93 -2.84 0.00	43.44 -2.92 0.00	42.24 -2.74 0.00	43.35 -2.72 0.00	41.19 -2.82 0.00	43.11 -3.00 0.00	45.32 -3.25 0.00	50.36 -3.33 0.00	48.29 -3.19 0.00	43.57 -3.48 0.00	41.46 -3.46 0.00	39.20 -2.68 0.00	36.77 -2.47 0.00	36.38 -1.79 0.00
ROCHESTER_9_IC 23652	42.49 -1.96 0.00	39.13 -1.80 0.00	33.64 -1.29 0.00	32.91 -1.41 0.00	33.46 -1.43 0.00	36.26 -1.55 0.00	43.96 -2.22 0.00	47.07 -2.53 0.00	43.72 -2.99 0.00	43.01 -2.79 0.00	43.20 -2.56 0.00	43.72 -2.64 0.00	42.55 -2.43 0.00	43.62 -2.44 0.00	41.46 -2.55 0.00	43.38 -2.72 0.00	45.66 -2.91 0.00	50.74 -2.95 0.00	48.60 -2.88 0.00	43.85 -3.20 0.00	41.73 -3.19 0.00	39.41 -2.47 0.00	37.01 -2.24 0.00	36.57 -1.60 0.00
ROCKVIEW_13_KV_LD 356306	46.36 1.91 0.00	42.49 1.56 0.00	36.19 1.26 0.00	35.59 1.27 0.00	36.35 1.47 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.33	53.55 2.93 -4.82	54.32 2.93 -5.62	54.81 2.92 -5.53	54.31 2.92 -6.41	54.42 3.04 -5.32	52.59 3.08 -5.50	54.21 3.27 -4.83	52.60 3.55 -0.48	57.23 3.54 0.00	54.99 3.50 0.00	50.84 3.58 -0.21	48.83 3.37 -0.54	45.36 3.06 -0.42	44.69 2.83 -2.62	41.58 2.37 -1.03
ROME____115KV_TB2 80656	45.51 1.07 0.00	41.91 0.98 0.00	35.77 0.84 0.00	35.17 0.86 0.00	35.76 0.87 0.00	38.76 0.95 0.00	47.47 1.29 0.00	51.09 1.49 0.00	48.21 1.49 0.00	47.22 1.42 0.00	47.32 1.56 0.00	47.89 1.53 0.00	46.51 1.53 0.00	47.58 1.52 0.00	45.29 1.28 0.00	47.44 1.34 0.00	49.98 1.41 0.00	55.41 1.72 0.00	53.03 1.54 0.00	48.32 1.27 0.00	46.09 1.17 0.00	42.89 1.01 0.00	39.95 0.71 0.00	39.02 0.84 0.00
ROSETON___1 23587	45.96 1.51 0.00	42.28 1.35 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.07 1.19 0.00	39.25 1.44 0.00	48.07 1.89 0.00	51.73 2.13 0.00	45.36 1.73 3.08	41.17 1.74 6.38	40.06 1.74 7.44	40.75 1.72 7.33	38.25 1.75 8.48	40.86 1.84 7.04	38.62 1.89 7.28	41.73 2.03 6.40	50.18 2.24 0.63	55.94 2.25 0.00	53.65 2.16 0.00	49.08 2.30 0.28	46.32 2.11 0.71	43.25 1.93 0.56	37.54 1.77 3.47	38.23 1.41 1.36
ROSETON___2 23588	45.96 1.51 0.00	42.28 1.35 0.00	35.98 1.05 0.00	35.41 1.10 0.00	36.07 1.19 0.00	39.25 1.44 0.00	48.07 1.89 0.00	51.73 2.13 0.00	45.36 1.73 3.08	41.17 1.74 6.38	40.06 1.74 7.44	40.75 1.72 7.33	38.25 1.75 8.48	40.86 1.84 7.04	38.62 1.89 7.28	41.73 2.03 6.40	50.18 2.24 0.63	55.94 2.25 0.00	53.65 2.16 0.00	49.08 2.30 0.28	46.32 2.11 0.71	43.25 1.93 0.56	37.54 1.77 3.47	38.23 1.41 1.36
ROTRDAM_115KV_TB3 80664	45.47 1.02 0.00	41.83 0.90 0.00	35.67 0.73 0.00	35.04 0.72 0.00	35.66 0.77 0.00	38.64 0.83 0.00	47.33 1.15 0.00	50.94 1.34 0.00	48.52 1.35 -0.45	48.02 1.28 -0.93	48.04 1.19 -1.09	48.68 1.25 -1.07	47.43 1.21 -1.24	48.33 1.24 -1.03	46.30 1.23 -1.06	48.47 1.43 -0.93	50.12 1.46 -0.09	55.30 1.61 0.00	53.08 1.60 0.00	48.60 1.51 -0.04	46.46 1.44 -0.10	43.26 1.30 -0.08	40.93 1.18 -0.51	39.41 1.03 -0.20
RUSSELL___1 23602	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
RUSSELL___2 23532	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
RUSSELL___3 23549	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
RUSSELL___4 23556	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
RUSSELL__STATION 23914	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
S SALMON__HYD 24043	43.65 -0.80 0.00	40.11 -0.82 0.00	34.23 -0.70 0.00	33.63 -0.69 0.00	34.22 -0.66 0.00	37.02 -0.80 0.00	45.30 -0.88 0.00	48.76 -0.84 0.00	45.96 -0.75 0.00	45.12 -0.69 0.00	45.26 -0.50 0.00	45.81 -0.55 0.00	44.44 -0.54 0.00	45.51 -0.55 0.00	43.30 -0.71 0.00	45.28 -0.83 0.00	47.75 -0.83 0.00	52.83 -0.86 0.00	50.61 -0.88 0.00	46.06 -0.99 0.00	43.98 -0.95 0.00	41.04 -0.84 0.00	38.30 -0.94 0.00	37.41 -0.76 0.00
S.PERRY__115KV_TB1 80734	44.49 0.04 0.00	40.89 -0.04 0.00	35.18 0.24 0.00	34.35 0.03 0.00	34.89 0.00 0.00	37.93 0.11 0.00	46.13 -0.05 0.00	49.50 -0.10 0.00	45.73 -0.98 0.00	44.80 -1.01 0.00	44.99 -0.78 0.00	45.43 -0.93 0.00	44.13 -0.85 0.00	45.23 -0.83 0.00	43.04 -0.97 0.00	45.14 -0.97 0.00	47.75 -0.83 0.00	53.31 -0.38 0.00	51.07 -0.41 0.00	45.97 -1.08 0.00	43.62 -1.30 0.00	41.21 -0.67 0.00	38.46 -0.78 0.00	38.06 -0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.18 -2.27 0.00	38.84 -2.09 0.00	33.57 -1.36 0.00	32.77 -1.54 0.00	33.25 -1.64 0.00	36.07 -1.74 0.00	43.31 -2.86 0.00	45.88 -3.72 0.00	42.42 -4.30 0.00	41.64 -4.17 0.00	41.92 -3.84 0.00	42.33 -4.03 0.00	41.20 -3.78 0.00	42.24 -3.82 0.00	40.14 -3.87 0.00	41.91 -4.20 0.00	43.82 -4.76 0.00	48.96 -4.72 0.00	47.01 -4.48 0.00	41.97 -5.08 0.00	39.94 -4.99 0.00	38.11 -3.77 0.00	36.03 -3.22 0.00	36.15 -2.02 0.00

SAWYER___23_KV_LOAD 55526	42.18 -2.27 0.00	38.84 -2.09 0.00	33.57 -1.36 0.00	32.77 -1.54 0.00	33.25 -1.64 0.00	36.07 -1.74 0.00	43.31 -2.86 0.00	45.88 -3.72 0.00	42.42 -4.30 0.00	41.64 -4.17 0.00	41.92 -3.84 0.00	42.33 -4.03 0.00	41.20 -3.78 0.00	42.24 -3.82 0.00	40.14 -3.87 0.00	41.91 -4.20 0.00	43.82 -4.76 0.00	48.96 -4.72 0.00	47.01 -4.48 0.00	41.97 -5.08 0.00	39.94 -4.99 0.00	38.11 -3.77 0.00	36.03 -3.22 0.00	36.15 -2.02 0.00
SELKIRK___I 23801	45.69 1.24 0.00	42.08 1.14 0.00	35.84 0.91 0.00	35.21 0.89 0.00	35.69 0.80 0.00	38.57 0.76 0.00	47.05 0.88 0.00	50.59 0.99 0.00	48.19 1.03 -0.45	47.69 0.96 -0.92	47.76 0.91 -1.08	48.40 0.98 -1.06	47.16 0.95 -1.23	48.10 1.01 -1.02	46.08 1.01 -1.05	48.18 1.15 -0.93	49.78 1.12 -0.09	54.92 1.24 0.00	52.67 1.19 0.00	48.31 1.22 -0.04	46.19 1.17 -0.10	43.05 1.09 -0.08	40.89 1.14 -0.50	39.41 1.03 -0.20
SELKIRK___II 23799	45.51 1.06 0.00	41.91 0.98 0.00	35.70 0.77 0.00	35.11 0.79 0.00	35.59 0.70 0.00	38.45 0.64 0.00	46.87 0.69 0.00	50.44 0.84 0.00	48.09 0.89 -0.49	47.74 0.92 -1.02	47.82 0.87 -1.19	48.36 0.84 -1.17	47.19 0.85 -1.35	48.06 0.87 -1.12	46.10 0.93 -1.16	48.14 1.01 -1.02	49.74 1.07 -0.10	54.76 1.07 0.00	52.57 1.08 0.00	48.22 1.13 -0.04	46.11 1.08 -0.11	42.93 0.96 -0.09	40.86 1.06 -0.55	39.31 0.91 -0.22
SENECA OSWGO___HYD 24041	43.07 -1.38 0.00	39.58 -1.35 0.00	33.78 -1.15 0.00	33.15 -1.17 0.00	33.74 -1.15 0.00	36.57 -1.25 0.00	44.74 -1.43 0.00	48.21 -1.39 0.00	45.26 -1.45 0.00	44.52 -1.28 0.00	44.58 -1.19 0.00	45.15 -1.21 0.00	43.86 -1.12 0.00	44.91 -1.15 0.00	42.87 -1.14 0.00	44.86 -1.24 0.00	47.27 -1.31 0.00	52.29 -1.40 0.00	50.20 -1.29 0.00	45.73 -1.32 0.00	43.53 -1.39 0.00	40.71 -1.17 0.00	37.99 -1.26 0.00	37.07 -1.11 0.00
SENECA___115KV_TB3 355854	43.07 -1.38 0.00	39.62 -1.31 0.00	34.23 -0.70 0.00	33.42 -0.89 0.00	33.91 -0.98 0.00	36.79 -1.02 0.00	44.24 -1.94 0.00	46.92 -2.68 0.00	43.40 -3.32 0.00	42.60 -3.21 0.00	42.93 -2.84 0.00	43.35 -3.01 0.00	42.19 -2.79 0.00	43.25 -2.81 0.00	41.06 -2.95 0.00	42.88 -3.23 0.00	44.84 -3.74 0.00	50.09 -3.60 0.00	48.09 -3.40 0.00	42.91 -4.14 0.00	40.83 -4.09 0.00	38.87 -3.02 0.00	36.73 -2.51 0.00	36.84 -1.34 0.00
SENECA___ENERGY 23797	43.65 -0.80 0.00	40.03 -0.90 0.00	34.27 -0.66 0.00	33.59 -0.72 0.00	34.22 -0.66 0.00	37.06 -0.76 0.00	45.34 -0.83 0.00	48.81 -0.80 0.00	45.64 -1.07 0.00	44.89 -0.92 0.00	44.99 -0.78 0.00	45.43 -0.93 0.00	44.17 -0.81 0.00	45.24 -0.83 0.00	43.13 -0.88 0.00	45.13 -0.97 0.00	47.46 -1.12 0.00	52.72 -0.96 0.00	50.61 -0.88 0.00	45.97 -1.08 0.00	43.71 -1.21 0.00	40.96 -0.92 0.00	38.22 -1.02 0.00	37.45 -0.73 0.00
SHOEMAKER___GT 23640	45.69 1.24 0.00	42.04 1.11 0.00	35.77 0.84 0.00	35.21 0.89 0.00	35.86 0.98 0.00	38.99 1.17 0.00	47.79 1.62 0.00	51.38 1.78 0.00	45.28 1.68 3.12	41.00 1.65 6.45	39.88 1.65 7.53	40.57 1.62 7.41	38.02 1.62 8.58	40.69 1.75 7.13	38.45 1.81 7.37	41.57 1.94 6.47	50.13 2.19 0.64	55.94 2.25 0.00	53.65 2.16 0.00	48.98 2.21 0.28	46.23 2.02 0.72	43.12 1.80 0.56	37.42 1.69 3.51	38.17 1.37 1.38
SHOEMAKR_138KV_BK 111 55601	45.65 1.20 0.00	41.91 0.98 0.00	35.74 0.80 0.00	35.14 0.8																				

SITHE___BATAVIA 24024	42.80 -1.64 0.00	39.34 -1.60 0.00	33.99 -0.94 0.00	33.25 -1.06 0.00	33.77 -1.12 0.00	36.26 -1.55 0.00	44.14 -2.03 0.00	47.32 -2.28 0.00	43.68 -3.04 0.00	43.01 -2.80 0.00	43.20 -2.56 0.00	43.63 -2.74 0.00	42.46 -2.52 0.00	43.58 -2.49 0.00	41.37 -2.64 0.00	43.25 -2.86 0.00	45.47 -3.11 0.00	50.84 -2.85 0.00	48.76 -2.73 0.00	43.52 -3.53 0.00	41.37 -3.55 0.00	39.32 -2.56 0.00	37.01 -2.24 0.00	36.92 -1.26 0.00
SITHE___INDEPEND 23800	42.62 -1.82 0.00	39.21 -1.72 0.00	33.50 -1.43 0.00	32.87 -1.44 0.00	33.42 -1.47 0.00	36.22 -1.59 0.00	44.24 -1.94 0.00	47.57 -2.03 0.00	44.70 -2.01 0.00	43.88 -1.92 0.00	43.94 -1.83 0.00	44.51 -1.85 0.00	43.18 -1.80 0.00	44.22 -1.84 0.00	42.21 -1.80 0.00	44.21 -1.89 0.00	46.58 -1.99 0.00	51.54 -2.15 0.00	49.43 -2.06 0.00	45.07 -1.98 0.00	42.95 -1.98 0.00	40.16 -1.72 0.00	37.56 -1.69 0.00	36.65 -1.53 0.00
SITHE___MASSENA 23902	45.29 0.84 0.00	41.79 0.86 0.00	35.70 0.77 0.00	35.00 0.69 0.00	35.55 0.66 0.00	38.49 0.68 0.00	46.96 0.78 0.00	50.15 0.55 0.00	47.23 0.51 0.00	46.17 0.36 0.00	46.13 0.36 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.39 0.32 0.00	44.19 0.18 0.00	46.29 0.19 0.00	48.77 0.20 0.00	53.96 0.27 0.00	51.75 0.26 0.00	47.15 0.09 0.00	45.19 0.27 0.00	41.92 0.04 0.00	39.36 0.12 0.00	38.41 0.23 0.00
SITHE___OGDNSBRG 24021	45.87 1.42 0.00	42.41 1.47 0.00	36.16 1.22 0.00	35.59 1.27 0.00	36.00 1.12 0.00	38.45 0.64 0.00	46.82 0.65 0.00	50.00 0.40 0.00	48.39 1.68 0.00	46.67 0.87 0.00	47.87 2.11 0.00	48.31 1.95 0.00	46.83 1.84 0.00	47.72 1.66 0.00	44.19 0.18 0.00	45.78 -0.32 0.00	47.94 -0.63 0.00	53.58 -0.11 0.00	51.02 -0.46 0.00	46.35 -0.71 0.00	44.34 -0.58 0.00	41.00 -0.88 0.00	38.50 -0.75 0.00	38.44 0.27 0.00
SITHE___STERLING 23777	45.20 0.75 0.00	41.63 0.70 0.00	35.53 0.59 0.00	34.90 0.58 0.00	35.48 0.59 0.00	38.49 0.68 0.00	47.15 0.97 0.00	50.74 1.14 0.00	47.83 1.12 0.00	46.86 1.05 0.00	46.91 1.14 0.00	47.47 1.11 0.00	46.11 1.12 0.00	47.22 1.15 0.00	44.98 0.97 0.00	47.16 1.06 0.00	49.69 1.12 0.00	55.03 1.34 0.00	52.67 1.19 0.00	48.04 0.99 0.00	45.77 0.85 0.00	42.67 0.79 0.00	39.79 0.55 0.00	38.83 0.65 0.00
SLEIGHT__34_KV_TB1 80719	42.80 -1.64 0.00	39.38 -1.56 0.00	33.78 -1.15 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.49 -1.32 0.00	44.47 -1.71 0.00	47.82 -1.79 0.00	44.56 -2.15 0.00	43.93 -1.88 0.00	44.12 -1.65 0.00	44.65 -1.72 0.00	43.41 -1.57 0.00	44.50 -1.57 0.00	42.34 -1.67 0.00	44.26 -1.84 0.00	46.58 -1.99 0.00	51.65 -2.04 0.00	49.53 -1.96 0.00	44.84 -2.21 0.00	42.63 -2.29 0.00	40.08 -1.80 0.00	37.44 -1.81 0.00	36.80 -1.37 0.00
SOUTH CAIRO___GT 23612	47.16 2.71 0.00	43.43 2.50 0.00	36.96 2.03 0.00	36.27 1.96 0.00	36.74 1.85 0.00	39.63 1.81 0.00	48.67 2.49 0.00	52.23 2.63 0.00	49.48 2.48 -0.30	48.52 2.11 -0.61	48.45 1.97 -0.72	49.01 1.95 -0.70	47.60 1.80 -0.82	48.68 1.93 -0.68	46.69 1.98 -0.70	49.25 2.54 -0.62	51.45 2.82 -0.06	57.02 3.33 0.00	54.58 3.09 0.00	49.95 2.87 -0.03	47.60 2.61 -0.07	44.32 2.39 -0.05	41.85 2.28 -0.33	40.41 2.10 -0.13
SOUTH HAMPTN___IC 23720	48.13 3.69 0.00	43.84 2.91 0.00	36.57 1.64 0.00	36.03 1.72 0.00	37.29 2.41 0.00	41.22 3.40 -0.63	51.46 4.66 -3.28	58.14 5.26 -4.31	56.20 5.18 -4.80	55.41 4.81 -5.62	56.33 4.94 -9.74	61.16 5.05 -18.20	68.13 4.95 -16.93	68.11 5.11 -20.85	70.01 5.15 -20.91	72.54 5.53 -20.45	75.04 6.02 -20.35	80.43 6.39 -17.75	75.46 6.23 -18.32	71.35 5.98 -18.63	69.21 5.66 -11.83	58.82 5.11 -4.77	48.80 4.79 -2.26	44.68 4.24 -2.26
SOUTHDOW_115KV_TB1 355954	44.40 -0.04 0.00	40.73 -0.20 0.00	35.11 0.17 0.00	34.28 -0.03 0.00	34.85 -0.03 0.00	38.00 0.19 0.00	45.85 -0.32 0.00	48.91 -0.69 0.00	45.36 -1.35 0.00	44.38 -1.42 0.00	44.76 -1.01 0.00	45.20 -1.16 0.00	43.99 -0.99 0.00	45.14 -0.92 0.00	42.78 -1.23 0.00	44.67 -1.43 0.00	46.49 -2.09 0.00	52.08 -1.61 0.00	49.99 -1.49 0.00	44.60 -2.45 0.00	42.45 -2.47 0.00	40.21 -1.68 0.00	37.91 -1.33 0.00	37.87 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	49.02 4.58 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.44 2.13 0.00	38.06 3.17 0.00	41.63 3.82 0.00	52.25 5.45 -0.63	58.98 6.10 -3.28	56.95 5.93 -4.31	56.10 5.50 -4.80	57.01 5.63 -5.62	61.90 5.80 -9.74	68.80 5.62 -18.20	68.80 5.80 -16.93	70.67 5.81 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.40 7.36 -20.35	76.39 7.16 -17.75	72.15 6.78 -18.32	69.84 6.29 -18.63	59.40 5.70 -11.83	49.32 5.30 -4.78	45.17 4.73 -2.26
SOUTHOLD___IC 23719	48.76 4.31 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.44 2.13 0.00	37.75 2.86 0.00	41.74 3.93 0.00	52.25 5.45 -0.63	58.98 6.10 -3.28	56.95 5.93 -4.31	56.10 5.49 -4.80	57.01 5.63 -5.62	61.90 5.79 -9.74	68.80 5.62 -18.20	68.80 5.80 -16.93	70.67 5.81 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.34 7.30 -20.35	76.34 7.11 -17.75	72.15 6.78 -18.32	69.89 6.34 -18.63	59.40 5.69 -11.83	49.31 5.30 -4.77	45.17 4.73 -2.26
SOUTH_FORK_WT_PWR 323839	48.76 4.31 0.00	44.37 3.44 0.00	36.99 2.06 0.00	36.44 2.13 0.00	37.75 2.86 0.00	41.78 3.97 0.00	52.29 5.49 -0.63	59.08 6.20 -3.28	57.00 5.98 -4.31	56.14 5.54 -4.80	57.06 5.67 -5.62	61.95 5.84 -9.74	68.85 5.67 -18.20	68.80 5.80 -16.93	70.72 5.85 -20.85	73.28 6.27 -20.91	75.87 6.85 -20.45	81.40 7.36 -20.35	76.34 7.11 -17.75	72.10 6.73 -18.32	69.89 6.34 -18.63	59.40 5.69 -11.83	49.31 5.30 -4.77	45.17 4.73 -2.26
SPIERFLS_115KV_TB 1 80737	46.40 1.96 0.00	42.41 1.47 0.00	36.12 1.19 0.00	35.48 1.17 0.00	36.07 1.19 0.00	39.17 1.36 0.00	48.34 2.17 0.00	52.23 2.63 0.00	49.77 2.57 -0.49	49.24 2.43 -1.01	49.24 2.29 -1.18	50.03 2.50 -1.16	48.76 2.43 -1.35	49.72 2.53 -1.12	47.50 2.33 -1.16	49.79 2.67 -1.02	51.20 2.53 -0.10	56.70 3.01 0.00	54.42 2.93 0.00	49.78 2.68 -0.04	47.68 2.65 -0.11	44.23 2.26 -0.09	41.72 1.92 -0.55	40.00 1.60 -0.22
ST LAWRENCE____ 23600	44.85 0.40 0.00	41.38 0.45 0.00	35.32 0.38 0.00	34.69 0.38 0.00	35.24 0.35 0.00	38.15 0.34 0.00	46.54 0.37 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.94 -0.04 0.00	45.97 -0.09 0.00	43.83 -0.18 0.00	45.87 -0.23 0.00	48.33 -0.24 0.00	53.47 -0.21 0.00	51.28 -0.21 0.00	46.82 -0.23 0.00	44.83 -0.09 0.00	41.63 -0.25 0.00	39.09 -0.16 0.00	38.10 -0.08 0.00
STATE_CA_115KV_115_LB 55624	45.74 1.29 0.00	42.12 1.19 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.72 0.84 0.00	38.42 0.60 0.00	46.87 0.69 0.00	50.49 0.89 0.00	48.19 0.98 -0.50	47.85 1.01 -1.04	47.94 0.96 -1.21	48.57 1.02 -1.19	47.30 0.94 -1.38	48.22 1.01 -1.14	46.21 1.01 -1.18	48.30 1.15 -1.04	49.80 1.12 -0.10	54.87 1.18 0.00	52.67 1.18 0.00	48.32 1.22 -0.05	46.21 1.17 -0.12	43.02 1.05 -0.09	41.02 1.22 -0.56	39.43 1.03 -0.22

STATE_ST_34_KV_LOAD 55959	44.00 -0.44 0.00	40.40 -0.53 0.00	34.55 -0.38 0.00	33.87 -0.45 0.00	34.47 -0.42 0.00	37.43 -0.38 0.00	45.85 -0.32 0.00	49.40 -0.20 0.00	46.29 -0.42 0.00	45.53 -0.27 0.00	45.63 -0.14 0.00	46.18 -0.19 0.00	44.80 -0.18 0.00	45.88 -0.18 0.00	43.75 -0.26 0.00	45.78 -0.32 0.00	48.24 -0.34 0.00	53.53 -0.16 0.00	51.38 -0.10 0.00	46.77 -0.28 0.00	44.52 -0.40 0.00	41.63 -0.25 0.00	38.77 -0.47 0.00	37.87 -0.31 0.00
STATION 5_MISC_HYD 23604	42.49 -1.95 0.00	39.05 -1.88 0.00	33.61 -1.33 0.00	32.91 -1.41 0.00	33.42 -1.46 0.00	36.04 -1.78 0.00	43.96 -2.22 0.00	47.07 -2.53 0.00	43.72 -2.99 0.00	43.06 -2.75 0.00	43.20 -2.56 0.00	43.72 -2.64 0.00	42.55 -2.43 0.00	43.62 -2.44 0.00	41.46 -2.55 0.00	43.38 -2.72 0.00	45.66 -2.91 0.00	50.79 -2.90 0.00	48.71 -2.78 0.00	43.85 -3.20 0.00	41.73 -3.19 0.00	39.41 -2.47 0.00	37.01 -2.24 0.00	36.58 -1.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.33 -1.11 0.00	39.87 -1.06 0.00	34.20 -0.73 0.00	33.46 -0.86 0.00	34.05 -0.84 0.00	36.94 -0.87 0.00	45.02 -1.15 0.00	48.31 -1.29 0.00	45.03 -1.68 0.00	44.29 -1.51 0.00	44.48 -1.28 0.00	45.02 -1.34 0.00	43.72 -1.26 0.00	44.87 -1.20 0.00	42.65 -1.36 0.00	44.63 -1.48 0.00	46.97 -1.60 0.00	52.13 -1.56 0.00	49.99 -1.49 0.00	45.26 -1.79 0.00	43.03 -1.89 0.00	40.50 -1.38 0.00	37.87 -1.37 0.00	37.26 -0.92 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.31 -2.13 0.00	38.97 -1.96 0.00	33.50 -1.43 0.00	32.77 -1.54 0.00	33.28 -1.60 0.00	36.11 -1.70 0.00	43.82 -2.35 0.00	46.92 -2.68 0.00	43.63 -3.08 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.67 -2.69 0.00	42.46 -2.52 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.29 -2.81 0.00	45.56 -3.01 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.80 -3.25 0.00	41.64 -3.28 0.00	39.33 -2.55 0.00	36.89 -2.35 0.00	36.42 -1.76 0.00
STA_56___34_KV_BUS2 355983	42.31 -2.13 0.00	38.97 -1.96 0.00	33.50 -1.43 0.00	32.77 -1.54 0.00	33.28 -1.60 0.00	36.11 -1.70 0.00	43.82 -2.35 0.00	46.92 -2.68 0.00	43.63 -3.08 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.67 -2.69 0.00	42.46 -2.52 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.29 -2.81 0.00	45.56 -3.01 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.80 -3.25 0.00	41.64 -3.28 0.00	39.33 -2.55 0.00	36.89 -2.35 0.00	36.42 -1.76 0.00
STA_67___115KV_BK2 355882	42.40 -2.04 0.00	39.05 -1.88 0.00	33.57 -1.36 0.00	32.84 -1.48 0.00	33.39 -1.50 0.00	36.19 -1.63 0.00	43.87 -2.31 0.00	46.92 -2.68 0.00	43.63 -3.08 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.63 -2.74 0.00	42.42 -2.56 0.00	43.48 -2.58 0.00	41.37 -2.64 0.00	43.25 -2.86 0.00	45.52 -3.06 0.00	50.57 -3.11 0.00	48.50 -2.99 0.00	43.71 -3.34 0.00	41.60 -3.32 0.00	39.33 -2.55 0.00	36.89 -2.35 0.00	36.50 -1.68 0.00
STA_7___115KV_9TRANS 80674	42.67 -1.78 0.00	39.30 -1.64 0.00	33.81 -1.12 0.00	33.05 -1.27 0.00	33.60 -1.29 0.00	36.45 -1.36 0.00	44.19 -1.99 0.00	47.32 -2.28 0.00	43.96 -2.76 0.00	43.24 -2.56 0.00	43.48 -2.29 0.00	44.00 -2.36 0.00	42.78 -2.20 0.00	43.90 -2.16 0.00	41.72 -2.29 0.00	43.61 -2.49 0.00	45.90 -2.67 0.00	51.06 -2.63 0.00	48.91 -2.57 0.00	44.09 -2.96 0.00	41.96 -2.96 0.00	39.62 -2.26 0.00	37.16 -2.08 0.00	36.73 -1.45 0.00
STA_82___115KV_TB1 80780	42.40 -2.04 0.00	39.05 -1.88 0.00	33.61 -1.33 0.00	32.87 -1.44 0.00	33.39 -1.50 0.00	36.22 -1.59 0.00	43.87 -2.31 0.00	46.97 -2.63 0.00	43.63 -3.08 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.63 -2.74 0.00	42.42 -2.56 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.25 -2.86 0.00	45.52 -3.06 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.76 -3.29 0.00	41.64 -3.28 0.00	39.33 -2.55 0.00	36.93 -2.32 0.00	36.50 -1.68 0.00
STEEL___WIND 323596	43.02 -1.42 0.00	39.46 -1.47 0.00	34.09 -0.84 0.00	33.39 -0.92 0.00	33.87 -1.01 0.00	36.45 -1.36 0.00	44.14 -2.03 0.00	46.87 -2.73 0.00	43.35 -3.36 0.00	42.60 -3.21 0.00	42.88 -2.88 0.00	43.25 -3.11 0.00	42.15 -2.83 0.00	43.21 -2.86 0.00	41.02 -2.99 0.00	42.83 -3.27 0.00	44.74 -3.84 0.00	50.09 -3.60 0.00	48.14 -3.35 0.00	42.86 -4.19 0.00	40.79 -4.13 0.00	38.82 -3.06 0.00	36.65 -2.59 0.00	36.80 -1.37 0.00
STEPHTWN_115KV_BK_2 55603	46.09 1.64 0.00	42.41 1.47 0.00	36.16 1.22 0.00	35.55 1.24 0.00	35.97 1.08 0.00	38.76 0.95 0.00	47.28 1.11 0.00	50.99 1.39 0.00	48.67 1.45 -0.51	48.27 1.42 -1.05	48.37 1.37 -1.23	48.96 1.39 -1.21	47.68 1.30 -1.40	48.61 1.38 -1.16	46.62 1.41 -1.20	48.77 1.61 -1.05	50.28 1.60 -0.10	55.46 1.77 0.00	53.24 1.75 0.00	48.79 1.69 -0.05	46.66 1.62 -0.12	43.44 1.47 -0.09	41.39 1.57 -0.57	39.78 1.37 -0.22
STEUBEN_REC_LFGE 323667	44.85 0.40 0.00	41.14 0.20 0.00	35.42 0.49 0.00	34.56 0.24 0.00	35.13 0.24 0.00	38.19 0.38 0.00	46.41 0.23 0.00	49.60 0.00 0.00	45.92 -0.79 0.00	44.98 -0.82 0.00	45.08 -0.69 0.00	45.20 -1.16 0.00	43.99 -0.99 0.00	45.05 -1.01 0.00	43.00 -1.01 0.00	45.18 -0.92 0.00	47.41 -1.17 0.00	52.99 -0.70 0.00	50.92 -0.57 0.00	45.83 -1.22 0.00	43.44 -1.48 0.00	40.96 -0.92 0.00	38.18 -1.06 0.00	37.91 -0.27 0.00
STILLWATER___SOLAR 323814	46.71 2.27 0.00	42.86 1.92 0.00	36.47 1.54 0.00	35.82 1.51 0.00	36.42 1.53 0.00	39.55 1.74 0.00	48.62 2.45 0.00	52.43 2.83 0.00	49.93 2.71 -0.51	49.46 2.61 -1.05	49.46 2.47 -1.22	50.16 2.59 -1.20	48.89 2.52 -1.39	49.84 2.62 -1.16	47.76 2.55 -1.19	49.97 2.81 -1.05	51.45 2.77 -0.10	56.86 3.17 0.00	54.58 3.09 0.00	49.97 2.87 -0.05	47.82 2.79 -0.12	44.44 2.47 -0.09	42.01 2.20 -0.57	40.35 1.95 -0.22
STONY___BROOK 24151	47.38 2.93 0.00	43.22 2.29 0.00	36.12 1.19 0.00	35.59 1.27 0.00	36.77 1.88 0.00	40.57 2.76 0.00	50.63 3.83 -0.63	57.20 4.31 -3.28	55.37 4.35 -4.31	54.64 4.03 -4.80	55.55 4.16 -5.62	60.37 4.26 -9.74	67.31 4.14 -18.20	67.32 4.33 -16.93	69.27 4.40 -20.85	71.72 4.70 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.43 5.20 -17.75	70.50 5.13 -18.32	68.40 4.85 -18.63	58.10 4.40 -11.83	48.18 4.16 -4.77	44.07 3.63 -2.26
STURGEON_POOL_HYD 23609	46.89 2.44 0.00	43.06 2.13 0.00	36.64 1.71 0.00	36.00 1.68 0.00	36.77 1.88 0.00	40.00 2.19 0.00	49.31 3.14 0.00	53.02 3.42 0.00	49.91 3.46 0.26	48.65 3.39 0.54	48.47 3.34 0.64	49.03 3.29 0.63	47.45 3.19 0.73	48.87 3.41 0.60	46.82 3.43 0.62	49.34 3.78 0.55	52.80 4.27 0.05	58.20 4.51 0.00	55.76 4.27 0.00	51.31 4.28 0.02	48.72 3.86 0.06	45.35 3.52 0.05	42.05 3.10 0.30	40.70 2.63 0.12
ST_LAW_115_BK7_LBMP 345037	44.85 0.40 0.00	41.43 0.49 0.00	35.35 0.42 0.00	34.69 0.38 0.00	35.27 0.38 0.00	38.15 0.34 0.00	46.54 0.37 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.94 -0.04 0.00	45.97 -0.09 0.00	43.83 -0.18 0.00	45.87 -0.23 0.00	48.33 -0.24 0.00	53.47 -0.21 0.00	51.28 -0.21 0.00	46.82 -0.23 0.00	44.83 -0.09 0.00	41.63 -0.25 0.00	39.09 -0.16 0.00	38.10 -0.08 0.00

ST_LAW_115_BK8_LBMP 345038	44.85 0.40 0.00	41.43 0.49 0.00	35.35 0.42 0.00	34.69 0.38 0.00	35.27 0.38 0.00	38.15 0.34 0.00	46.54 0.37 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.94 -0.04 0.00	45.97 -0.09 0.00	43.83 -0.18 0.00	45.87 -0.23 0.00	48.33 -0.24 0.00	53.47 -0.21 0.00	51.28 -0.21 0.00	46.82 -0.23 0.00	44.83 -0.09 0.00	41.63 -0.25 0.00	39.09 -0.16 0.00	38.10 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	44.85 0.40 0.00	41.38 0.45 0.00	35.32 0.38 0.00	34.69 0.38 0.00	35.24 0.35 0.00	38.15 0.34 0.00	46.54 0.37 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.94 -0.04 0.00	45.97 -0.09 0.00	43.83 -0.18 0.00	45.87 -0.23 0.00	48.33 -0.24 0.00	53.47 -0.21 0.00	51.28 -0.21 0.00	46.82 -0.23 0.00	44.83 -0.09 0.00	41.63 -0.25 0.00	39.09 -0.16 0.00	38.10 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	44.85 0.40 0.00	41.38 0.45 0.00	35.32 0.38 0.00	34.69 0.38 0.00	35.24 0.35 0.00	38.15 0.34 0.00	46.54 0.37 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.80 0.00 0.00	45.77 0.00 0.00	46.36 0.00 0.00	44.94 -0.04 0.00	45.97 -0.09 0.00	43.83 -0.18 0.00	45.87 -0.23 0.00	48.33 -0.24 0.00	53.47 -0.21 0.00	51.28 -0.21 0.00	46.82 -0.23 0.00	44.83 -0.09 0.00	41.63 -0.25 0.00	39.09 -0.16 0.00	38.10 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.74 1.29 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.21 0.89 0.00	35.90 1.01 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.54 1.93 0.00	45.33 1.92 3.30	40.94 1.97 6.83	39.71 1.92 7.97	40.41 1.90 7.85	37.78 1.89 9.09	40.50 1.98 7.55	38.28 2.07 7.80	41.46 2.21 6.85	50.33 2.43 0.67	56.21 2.52 0.00	53.91 2.42 0.00	49.25 2.49 0.30	46.45 2.29 0.76	43.34 2.05 0.59	37.45 1.92 3.71	38.24 1.53 1.46
SWANROAD_115KV_TB1 355699	41.02 -3.42 0.00	37.82 -3.11 0.00	32.70 -2.24 0.00	31.95 -2.37 0.00	32.41 -2.48 0.00	35.13 -2.68 0.00	42.11 -4.06 0.00	44.49 -5.11 0.00	41.06 -5.65 0.00	40.35 -5.45 0.00	40.59 -5.17 0.00	40.98 -5.38 0.00	39.90 -5.08 0.00	40.90 -5.16 0.00	38.86 -5.15 0.00	40.57 -5.53 0.00	42.50 -6.07 0.00	47.41 -6.28 0.00	45.57 -5.92 0.00	40.65 -6.40 0.00	38.68 -6.24 0.00	36.98 -4.90 0.00	34.97 -4.28 0.00	35.20 -2.98 0.00
SYNERGY___BIOGAS 323694	42.80 -1.64 0.00	39.34 -1.60 0.00	33.99 -0.94 0.00	33.25 -1.06 0.00	33.77 -1.12 0.00	36.26 -1.55 0.00	44.14 -2.03 0.00	47.32 -2.28 0.00	43.68 -3.04 0.00	43.01 -2.80 0.00	43.20 -2.56 0.00	43.63 -2.74 0.00	42.46 -2.52 0.00	43.58 -2.49 0.00	41.37 -2.64 0.00	43.25 -2.86 0.00	45.47 -3.11 0.00	50.84 -2.85 0.00	48.76 -2.73 0.00	43.52 -3.53 0.00	41.37 -3.55 0.00	39.32 -2.56 0.00	37.01 -2.24 0.00	36.92 -1.26 0.00
SYRACUSE___ENERGY_ST1 323597	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
SYRACUSE___ENERGY_ST2 323598	43.73 -0.71 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.66 -0.65 0.00	34.26 -0.63 0.00	37.17 -0.64 0.00	45.44 -0.74 0.00	48.96 -0.64 0.00	45.97 -0.75 0.00	45.16 -0.64 0.00	45.26 -0.50 0.00	45.85 -0.51 0.00	44.53 -0.45 0.00	45.60 -0.46 0.00	43.48 -0.53 0.00	45.55 -0.55 0.00	47.94 -0.63 0.00	53.04 -0.64 0.00	50.92 -0.57 0.00	46.39 -0.66 0.00	44.16 -0.76 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
SYRACUSE___POWER 24017	43.69 -0.76 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.63 -0.69 0.00	34.22 -0.66 0.00	37.13 -0.68 0.00	45.39 -0.78 0.00	48.91 -0.69 0.00	45.92 -0.79 0.00	45.12 -0.69 0.00	45.17 -0.59 0.00	45.76 -0.60 0.00	44.44 -0.54 0.00	45.51 -0.55 0.00	43.44 -0.57 0.00	45.46 -0.65 0.00	47.90 -0.68 0.00	52.99 -0.70 0.00	50.87 -0.62 0.00	46.35 -0.71 0.00	44.11 -0.81 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00
TALLMAN___138KV_BK151 55660	45.78 1.33 0.00	42.04 1.11 0.00	35.81 0.87 0.00	35.24 0.93 0.00	35.93 1.05 0.00	39.02 1.21 0.00	48.07 1.89 0.00	51.83 2.23 4.01	45.04 2.34 8.31	39.88 2.38 9.70	38.40 2.33 9.55	39.13 2.32 11.06	36.26 2.34 9.18	39.32 2.44 9.18	37.03 2.51 9.49	40.44 2.67 8.34	50.67 2.91 0.82	56.70 3.01 0.00	54.42 2.93 0.00	49.65 2.96 0.36	46.74 2.74 0.93	43.50 2.35 0.72	36.88 2.16 4.52	38.16 1.76 1.78
TEALLAVE_115KV_TB7 355573	43.47 -0.98 0.00	39.95 -0.98 0.00	34.13 -0.80 0.00	33.49 -0.82 0.00	34.05 -0.84 0.00	36.94 -0.87 0.00	45.11 -1.06 0.00	48.61 -0.99 0.00	45.64 -1.07 0.00	44.84 -0.96 0.00	44.94 -0.82 0.00	45.48 -0.88 0.00	44.17 -0.81 0.00	45.28 -0.78 0.00	43.17 -0.84 0.00	45.18 -0.92 0.00	47.60 -0.97 0.00	52.67 -1.02 0.00	50.51 -0.98 0.00	46.02 -1.04 0.00	43.84 -1.08 0.00	41.04 -0.84 0.00	38.34 -0.90 0.00	37.41 -0.76 0.00
TELGRAPH_34_KV_EAST 80808	42.18 -2.27 0.00	38.84 -2.09 0.00	33.61 -1.33 0.00	32.81 -1.51 0.00	33.28 -1.60 0.00	36.11 -1.70 0.00	43.45 -2.72 0.00	46.43 -3.17 0.00	42.84 -3.88 0.00	42.14 -3.66 0.00	42.43 -3.34 0.00	42.70 -3.66 0.00	41.56 -3.42 0.00	42.61 -3.45 0.00	40.58 -3.43 0.00	42.42 -3.69 0.00	44.50 -4.08 0.00	49.61 -4.08 0.00	47.57 -3.91 0.00	42.53 -4.52 0.00	40.47 -4.45 0.00	38.53 -3.35 0.00	36.34 -2.90 0.00	36.38 -1.79 0.00
TEMPLE___115KV_TB 2 55572	43.47 -0.98 0.00	39.95 -0.98 0.00	34.13 -0.80 0.00	33.49 -0.82 0.00	34.09 -0.80 0.00	36.98 -0.83 0.00	45.16 -1.02 0.00	48.61 -0.99 0.00	45.64 -1.07 0.00	44.89 -0.92 0.00	44.94 -0.82 0.00	45.53 -0.83 0.00	44.22 -0.76 0.00	45.33 -0.74 0.00	43.22 -0.79 0.00	45.23 -0.88 0.00	47.60 -0.97 0.00	52.67 -1.02 0.00	50.56 -0.93 0.00	46.06 -0.99 0.00	43.84 -1.08 0.00	41.04 -0.84 0.00	38.34 -0.90 0.00	37.41 -0.76 0.00
TIANA____69_KV_BK 1 55817	48.22 3.78 0.00	43.72 2.78 0.00	36.47 1.54 0.00	35.93 1.61 0.00	37.47 2.58 0.00	40.95 3.14 0.00	51.28 4.48 -0.63	57.94 5.06 -3.28	56.02 5.00 -4.31	55.23 4.63 -4.80	56.14 4.76 -5.62	61.02 4.91 -9.74	67.95 4.77 -18.20	67.92 4.93 -16.93	69.84 4.97 -20.85	72.36 5.35 -20.91	74.90 5.88 -20.45	80.27 6.23 -20.35	75.31 6.08 -17.75	71.21 5.83 -18.32	68.99 5.44 -18.63	58.69 4.98 -11.83	48.69 4.67 -4.78	44.56 4.12 -2.26
TILDEN___115KV_TB1 80814	43.69 -0.76 0.00	40.15 -0.78 0.00	34.30 -0.63 0.00	33.63 -0.69 0.00	34.22 -0.66 0.00	37.13 -0.68 0.00	45.39 -0.78 0.00	48.91 -0.69 0.00	45.92 -0.79 0.00	45.12 -0.69 0.00	45.17 -0.59 0.00	45.76 -0.60 0.00	44.44 -0.54 0.00	45.51 -0.55 0.00	43.44 -0.57 0.00	45.46 -0.65 0.00	47.90 -0.68 0.00	52.99 -0.70 0.00	50.87 -0.62 0.00	46.35 -0.71 0.00	44.11 -0.81 0.00	41.29 -0.59 0.00	38.54 -0.71 0.00	37.60 -0.57 0.00

TRIGEN___CC 323695	46.71 2.27 0.00	42.57 1.64 0.00	35.77 0.84 0.00	35.21 0.89 0.00	36.46 1.57 0.00	39.70 1.89 0.00	49.53 2.72 -0.63	55.96 3.08 -3.28	54.29 3.27 -4.31	53.76 3.16 -4.80	54.59 3.20 -5.62	59.35 3.25 -9.74	66.37 3.19 -18.20	66.36 3.36 -16.93	68.21 3.34 -20.85	70.56 3.55 -20.91	72.91 3.89 -20.45	77.96 3.92 -20.35	73.10 3.86 -17.75	69.28 3.91 -18.32	67.24 3.68 -18.63	57.10 3.39 -11.83	47.20 3.18 -4.78	43.19 2.75 -2.26
TRINITY___115KV___4 BK 55933	45.60 1.16 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.21 0.89 0.00	35.66 0.77 0.00	38.34 0.53 0.00	46.73 0.55 0.00	50.34 0.74 0.00	48.06 0.84 -0.51	47.73 0.87 -1.05	47.77 0.78 -1.23	48.41 0.83 -1.21	47.19 0.81 -1.40	48.06 0.83 -1.16	46.09 0.88 -1.20	48.17 1.01 -1.06	49.65 0.97 -0.10	54.71 1.02 0.00	52.52 1.03 0.00	48.18 1.08 -0.05	46.07 1.03 -0.12	42.89 0.92 -0.09	40.96 1.14 -0.57	39.36 0.95 -0.23
UNION___PROCESSING_DRP 323587	42.45 -2.00 0.00	39.05 -1.88 0.00	33.61 -1.33 0.00	32.87 -1.44 0.00	33.39 -1.50 0.00	36.22 -1.59 0.00	43.91 -2.26 0.00	46.97 -2.63 0.00	43.68 -3.04 0.00	42.92 -2.89 0.00	43.11 -2.65 0.00	43.63 -2.74 0.00	42.42 -2.56 0.00	43.53 -2.53 0.00	41.37 -2.64 0.00	43.29 -2.81 0.00	45.56 -3.01 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.76 -3.29 0.00	41.64 -3.28 0.00	39.33 -2.55 0.00	36.93 -2.32 0.00	36.50 -1.68 0.00
UPPER HUDSON___HYD 24058	46.45 2.00 0.00	42.45 1.52 0.00	36.12 1.19 0.00	35.48 1.17 0.00	36.07 1.19 0.00	39.25 1.44 0.00	48.39 2.22 0.00	52.23 2.63 0.00	49.77 2.57 -0.49	49.24 2.43 -1.01	49.24 2.29 -1.18	50.03 2.50 -1.16	48.76 2.43 -1.35	49.71 2.53 -1.12	47.50 2.33 -1.16	49.79 2.67 -1.02	51.20 2.52 -0.10	56.69 3.00 0.00	54.42 2.93 0.00	49.78 2.68 -0.04	47.68 2.65 -0.11	44.23 2.26 -0.09	41.72 1.92 -0.55	40.00 1.60 -0.22
UPPER RAQUET___HYD 24056	45.11 0.67 0.00	41.71 0.78 0.00	35.59 0.66 0.00	34.93 0.62 0.00	35.38 0.49 0.00	37.21 -0.61 0.00	45.30 -0.88 0.00	48.36 -1.24 0.00	46.81 0.09 0.00	45.16 -0.64 0.00	46.32 0.55 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.20 0.14 0.00	42.73 -1.28 0.00	44.21 -1.89 0.00	46.15 -2.43 0.00	51.49 -2.20 0.00	49.12 -2.37 0.00	44.65 -2.40 0.00	42.77 -2.16 0.00	39.66 -2.22 0.00	37.36 -1.88 0.00	37.34 -0.84 0.00
VALLEY44_115KV_TB2 355964	44.22 -0.22 0.00	40.60 -0.33 0.00	35.04 0.10 0.00	34.21 -0.10 0.00	34.75 -0.14 0.00	37.70 -0.11 0.00	45.48 -0.69 0.00	48.46 -1.14 0.00	44.89 -1.82 0.00	43.97 -1.83 0.00	44.30 -1.46 0.00	44.69 -1.67 0.00	43.50 -1.48 0.00	44.68 -1.38 0.00	42.38 -1.63 0.00	44.35 -1.75 0.00	46.34 -2.23 0.00	51.92 -1.77 0.00	49.89 -1.60 0.00	44.46 -2.59 0.00	42.32 -2.61 0.00	40.12 -1.76 0.00	37.83 -1.41 0.00	37.80 -0.38 0.00
VALLEY___115KV_TB 1-4 80826	45.60 1.16 0.00	42.04 1.11 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.86 0.98 0.00	38.83 1.02 0.00	47.38 1.20 0.00	50.79 1.19 0.00	47.79 1.07 0.00	46.76 0.96 0.00	46.64 0.87 0.00	47.19 0.83 0.00	45.79 0.81 0.00	46.85 0.78 0.00	44.71 0.70 0.00	46.80 0.69 0.00	49.26 0.68 0.00	54.55 0.86 0.00	52.26 0.77 0.00	47.85 0.80 0.00	45.73 0.81 0.00	42.72 0.84 0.00	40.03 0.78 0.00	38.98 0.80 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.40 1.96 0.00	42.69 1.76 0.00	36.43 1.50 0.00	35.83 1.51 0.00	36.46 1.57 0.00	39.51 1.70 0.00	48.39 2.22 0.00	52.13 2.53 0.00	48.95 2.52 0.29	47.86 2.66 0.60	47.91 2.84 0.70	48.55 2.87 0.69	47.06 2.88 0.80	48.35 2.95 0.66	46.01 2.68 0.68	48.32 2.81 0.60	51.43 2.91 0.06	56.91 3.22 0.00	54.47 2.99 0.00	49.75 2.73 0.03	47.42 2.56 0.07	44.13 2.30 0.05	40.92 2.00 0.33	40.03 1.99 0.13
VISCHER___FERRY HYD 24020	46.23 1.78 0.00	42.57 1.64 0.00	36.23 1.29 0.00	35.62 1.30 0.00	36.18 1.29 0.00	39.25 1.44 0.00	48.02 1.85 0.00	51.68 2.08 0.00	49.35 2.10 -0.53	48.91 2.01 -1.10	49.01 1.97 -1.28	49.61 1.99 -1.26	48.37 1.93 -1.46	49.30 2.02 -1.21	47.25 1.98 -1.25	49.37 2.17 -1.10	50.92 2.24 -0.11	56.16 2.47 0.00	53.86 2.37 0.00	49.40 2.30 -0.05	47.24 2.20 -0.12	43.94 1.97 -0.10	41.69 1.84 -0.60	40.09 1.68 -0.23
V_A_10_SYNC_DSASP 323832	41.47 -2.98 0.00	38.07 -2.87 0.00	32.87 -2.06 0.00	32.22 -2.09 0.00	32.69 -2.20 0.00	35.16 -2.65 0.00	42.66 -3.51 0.00	45.33 -4.27 0.00	42.00 -4.72 0.00	41.32 -4.49 0.00	41.46 -4.30 0.00	41.86 -4.50 0.00	40.80 -4.18 0.00	41.78 -4.28 0.00	39.78 -4.23 0.00	41.59 -4.52 0.00	43.57 -5.00 0.00	48.70 -4.99 0.00	46.75 -4.74 0.00	41.83 -5.22 0.00	39.80 -5.12 0.00	37.86 -4.02 0.00	35.71 -3.53 0.00	35.62 -2.56 0.00
V_CMM_10_SYNC_DSASP 323787	45.07 0.62 0.00	41.63 0.70 0.00	35.53 0.59 0.00	34.86 0.55 0.00	35.44 0.56 0.00	38.34 0.53 0.00	46.77 0.60 0.00	50.24 0.64 0.00	47.32 0.61 0.00	46.31 0.50 0.00	46.27 0.50 0.00	46.92 0.56 0.00	45.48 0.50 0.00	46.52 0.46 0.00	44.32 0.31 0.00	46.43 0.33 0.00	48.92 0.34 0.00	54.12 0.43 0.00	51.85 0.36 0.00	47.29 0.24 0.00	45.32 0.40 0.00	42.05 0.17 0.00	39.48 0.24 0.00	38.52 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	46.13 1.69 0.00	42.61 1.68 0.00	36.33 1.40 0.00	35.65 1.34 0.00	36.28 1.40 0.00	39.25 1.44 0.00	47.97 1.80 0.00	50.84 1.24 0.00	47.88 1.17 0.00	46.63 0.83 0.00	46.59 0.82 0.00	47.20 0.84 0.00	45.70 0.72 0.00	46.66 0.60 0.00	44.19 0.18 0.00	46.15 0.05 0.00	48.62 0.05 0.00	53.96 0.27 0.00	51.90 0.41 0.00	47.19 0.14 0.00	45.32 0.40 0.00	41.80 -0.08 0.00	39.28 0.04 0.00	38.33 0.15 0.00
V_D_10_SYNC_DSASP 323841	45.25 0.80 0.00	41.79 0.86 0.00	35.67 0.73 0.00	35.00 0.69 0.00	35.55 0.66 0.00	38.49 0.68 0.00	46.96 0.78 0.00	50.15 0.55 0.00	47.23 0.51 0.00	46.17 0.36 0.00	46.13 0.36 0.00	46.78 0.42 0.00	45.34 0.36 0.00	46.39 0.32 0.00	44.19 0.18 0.00	46.29 0.19 0.00	48.77 0.20 0.00	53.96 0.27 0.00	51.75 0.26 0.00	47.15 0.09 0.00	45.19 0.27 0.00	41.92 0.04 0.00	39.36 0.12 0.00	38.41 0.23 0.00
V_E_10_SYNC_DSASP 323830	47.56 3.11 0.00	43.75 2.82 0.00	37.34 2.41 0.00	36.79 2.47 0.00	37.36 2.48 0.00	40.54 2.72 0.00	49.82 3.65 0.00	55.95 6.35 0.00	52.58 6.12 0.26	51.32 6.05 0.53	51.51 6.36 0.62	52.19 6.44 0.61	51.16 6.88 0.70	52.53 7.05 0.59	49.96 6.56 0.61	52.53 6.96 0.53	56.00 7.48 0.05	58.47 4.78 0.00	55.92 4.43 0.00	50.74 3.72 0.02	48.23 3.37 0.06	44.85 3.02 0.05	41.35 2.39 0.29	40.62 2.56 0.11
V_F_30_NSYNC___DSASP 323816	46.76 2.31 0.00	42.90 1.96 0.00	36.54 1.61 0.00	35.86 1.55 0.00	36.46 1.57 0.00	39.63 1.81 0.00	48.71 2.54 0.00	52.48 2.88 0.00	50.02 2.80 -0.50	49.54 2.70 -1.04	49.54 2.56 -1.21	50.24 2.69 -1.19	48.97 2.61 -1.38	49.93 2.72 -1.15	47.79 2.60 -1.19	50.05 2.91 -1.04	51.54 2.87 -0.10	56.96 3.28 0.00	54.68 3.19 0.00	50.06 2.97 -0.05	47.91 2.88 -0.12	44.53 2.56 -0.09	42.08 2.28 -0.56	40.42 2.02 -0.22

V_F_30_SYNC_DSASP 323786	45.74 1.29 0.00	42.08 1.15 0.00	35.88 0.94 0.00	35.28 0.96 0.00	35.72 0.84 0.00	38.42 0.60 0.00	46.87 0.69 0.00	50.49 0.89 0.00	48.19 0.98 -0.50	47.85 1.01 -1.04	47.94 0.96 -1.21	48.53 0.97 -1.19	47.31 0.94 -1.38	48.22 1.01 -1.15	46.21 1.01 -1.18	48.30 1.15 -1.04	49.80 1.12 -0.10	54.87 1.18 0.00	52.67 1.18 0.00	48.32 1.22 -0.05	46.21 1.17 -0.12	43.02 1.05 -0.09	41.02 1.22 -0.56	39.43 1.03 -0.22
V_XM_10_SYNC_DSASP 323789	46.13 1.69 0.00	42.61 1.68 0.00	36.33 1.40 0.00	35.65 1.34 0.00	36.28 1.40 0.00	39.25 1.44 0.00	47.97 1.80 0.00	50.84 1.24 0.00	47.88 1.17 0.00	46.63 0.83 0.00	46.59 0.82 0.00	47.20 0.84 0.00	45.70 0.72 0.00	46.66 0.60 0.00	44.19 0.18 0.00	46.15 0.05 0.00	48.62 0.05 0.00	53.96 0.27 0.00	51.90 0.41 0.00	47.19 0.14 0.00	45.32 0.40 0.00	41.80 -0.08 0.00	39.28 0.04 0.00	38.33 0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.96 1.51 0.00	42.16 1.23 0.00	35.91 0.98 0.00	35.35 1.03 0.00	36.04 1.15 0.00	39.14 1.32 0.00	48.07 1.89 0.00	51.83 2.23 0.00	45.05 2.34 4.00	39.91 2.38 8.27	38.44 2.33 9.66	39.17 2.32 9.50	36.27 2.29 11.01	39.37 2.44 9.14	37.02 2.46 9.45	40.43 2.63 8.30	50.67 2.91 0.82	56.64 2.95 0.00	54.37 2.88 0.00	49.66 2.96 0.36	46.74 2.74 0.92	43.67 2.51 0.72	37.06 2.32 4.50	38.32 1.91 1.77
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.27 1.82 0.00	42.45 1.51 0.00	36.16 1.22 0.00	35.55 1.24 0.00	36.32 1.43 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.28 2.68 0.00	51.98 2.94 -2.33	53.60 2.98 -4.82	54.32 2.93 -5.63	54.82 2.92 -5.54	54.31 2.92 -6.41	54.43 3.04 -5.32	52.59 3.08 -5.50	54.21 3.27 -4.83	52.65 3.59 -0.48	57.18 3.49 0.00	54.88 3.40 0.00	50.88 3.62 -0.21	48.87 3.41 -0.54	45.44 3.14 -0.42	44.81 2.94 -2.62	41.69 2.48 -1.03
W50THST__13_KV_LOAD 356117	46.45 2.00 0.00	42.57 1.64 0.00	36.26 1.33 0.00	35.65 1.34 0.00	36.42 1.54 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.48 2.88 0.00	52.22 3.18 -2.33	53.83 3.21 -4.82	54.50 3.11 -5.63	55.05 3.15 -5.54	54.54 3.15 -6.41	54.66 3.27 -5.32	52.81 3.30 -5.50	54.44 3.50 -4.83	52.84 3.79 -0.48	57.39 3.70 0.00	55.09 3.60 0.00	51.07 3.81 -0.21	49.01 3.55 -0.54	45.57 3.27 -0.42	44.96 3.10 -2.62	41.80 2.60 -1.03
WADING RIVER_IC_1 23522	47.73 3.29 0.00	43.47 2.54 0.00	36.33 1.40 0.00	35.79 1.47 0.00	36.98 2.09 0.00	40.87 3.06 0.00	51.00 4.20 -0.63	57.65 4.76 -3.28	55.69 4.67 -4.31	54.96 4.35 -4.80	55.87 4.49 -5.62	60.70 4.59 -9.74	67.63 4.45 -18.20	67.64 4.65 -16.93	69.58 4.71 -20.85	72.09 5.07 -20.91	74.56 5.54 -20.45	79.90 5.85 -20.35	74.95 5.71 -17.75	70.92 5.55 -18.32	68.81 5.25 -18.63	58.44 4.73 -11.83	48.49 4.47 -4.77	44.37 3.93 -2.26
WADING RIVER_IC_2 23547	47.73 3.29 0.00	43.47 2.54 0.00	36.33 1.40 0.00	35.79 1.47 0.00	36.98 2.09 0.00	40.87 3.06 0.00	51.00 4.20 -0.63	57.65 4.76 -3.28	55.69 4.67 -4.31	54.96 4.35 -4.80	55.87 4.49 -5.62	60.70 4.59 -9.74	67.63 4.45 -18.20	67.64 4.65 -16.93	69.58 4.71 -20.85	72.09 5.07 -20.91	74.56 5.54 -20.45	79.90 5.85 -20.35	74.95 5.71 -17.75	70.92 5.55 -18.32	68.81 5.25 -18.63	58.44 4.73 -11.83	48.49 4.47 -4.77	44.37 3.93 -2.26
WADING RIVER_IC_3 23601	47.73 3.29 0.00	43.47 2.54 0.00	36.33 1.40 0.00	35.79 1.47 0.00	36.98 2.09 0.00	40.87 3.06 0.00	51.00 4.20 -0.63	57.65 4.76 -3.28	55.69 4.67 -4.31	54.96 4.35 -4.80	55.87 4.49 -5.62	60.70 4.59 -9.74	67.63 4.45 -18.20	67.64 4.65 -16.93	69.58 4.71 -20.85	72.09 5.07 -20.91	74.56 5.54 -20.45	79.90 5.85 -20.35	74.95 5.71 -17.75	70.92 5.55 -18.32	68.81 5.25 -18.63	58.44 4.73 -11.83	48.49 4.47 -4.77	44.37 3.93 -2.26
WALDENNY_12_KV_BK2 80841	42.93 -1.51 0.00	39.50 -1.43 0.00	34.13 -0.80 0.00	33.32 -1.00 0.00	33.81 -1.08 0.00	36.68 -1.13 0.00	44.10 -2.08 0.00	46.72 -2.88 0.00	43.26 -3.46 0.00	42.46 -3.34 0.00	42.79 -2.97 0.00	43.21 -3.15 0.00	42.06 -2.92 0.00	43.12 -2.95 0.00	40.93 -3.08 0.00	42.74 -3.37 0.00	44.64 -3.93 0.00	49.88 -3.81 0.00	47.93 -3.55 0.00	42.77 -4.28 0.00	40.65 -4.27 0.00	38.74 -3.14 0.00	36.58 -2.67 0.00	36.73 -1.45 0.00
WALDEN__HYDRO 24148	46.14 1.69 0.00	42.37 1.43 0.00	36.09 1.15 0.00	35.48 1.17 0.00	36.18 1.29 0.00	39.29 1.47 0.00	48.30 2.12 0.00	51.98 2.38 0.00	47.79 2.38 1.30	45.45 2.34 2.69	44.96 2.33 3.14	45.58 2.32 3.09	43.65 2.25 3.58	45.48 2.40 2.98	43.40 2.46 3.08	46.03 2.63 2.70	51.27 2.96 0.27	56.80 3.11 0.00	54.47 2.99 0.00	49.94 3.01 0.12	47.41 2.79 0.30	44.16 2.51 0.23	40.06 2.28 1.46	39.47 1.87 0.58
WARRENSBURG____ 23737	46.45 2.00 0.00	42.45 1.52 0.00	36.12 1.19 0.00	35.48 1.17 0.00	36.07 1.19 0.00	39.25 1.44 0.00	48.39 2.22 0.00	52.23 2.63 0.00	49.77 2.57 -0.49	49.24 2.43 -1.01	49.24 2.29 -1.18	50.03 2.50 -1.16	48.76 2.43 -1.35	49.71 2.53 -1.12	47.50 2.33 -1.16	49.79 2.67 -1.02	51.20 2.52 -0.10	56.69 3.00 0.00	54.42 2.93 0.00	49.78 2.68 -0.04	47.68 2.65 -0.11	44.23 2.26 -0.09	41.72 1.92 -0.55	40.00 1.60 -0.22
WATERSIDE____6 8 9 23538	46.36 1.91 0.00	42.49 1.56 0.00	36.22 1.29 0.00	35.62 1.30 0.00	36.39 1.50 0.00	39.44 1.63 0.00	48.48 2.31 0.00	52.08 2.48 0.00	51.79 2.76 -2.32	53.36 2.75 -4.81	54.08 2.70 -5.62	54.62 2.74 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.41 2.90 -5.49	54.02 3.09 -4.82	52.50 3.45 -0.47	57.02 3.33 0.00	54.73 3.24 0.00	50.84 3.58 -0.21	48.87 3.41 -0.54	45.61 3.31 -0.43	45.00 3.14 -2.62	41.89 2.67 -1.04
WATKINRD_115KV_LN8_ILLION 55919	45.29 0.84 0.00	41.71 0.78 0.00	35.60 0.66 0.00	34.97 0.65 0.00	35.55 0.66 0.00	38.53 0.72 0.00	47.05 0.88 0.00	50.49 0.89 0.00	47.55 0.84 0.00	46.58 0.78 0.00	46.54 0.78 0.00	47.10 0.74 0.00	45.70 0.72 0.00	46.75 0.69 0.00	44.67 0.66 0.00	46.80 0.69 0.00	49.30 0.73 0.00	54.55 0.86 0.00	52.26 0.77 0.00	47.80 0.75 0.00	45.64 0.72 0.00	42.59 0.71 0.00	39.91 0.67 0.00	38.83 0.65 0.00
WATSON__69_KV_BK 1 55734	47.87 3.42 0.00	43.47 2.54 0.00	36.33 1.40 0.00	35.76 1.44 0.00	37.26 2.37 0.00	40.65 2.84 0.00	50.91 4.11 -0.63	57.50 4.61 -3.28	55.60 4.58 -4.31	54.86 4.26 -4.80	55.78 4.39 -5.62	60.65 4.54 -9.74	67.63 4.45 -18.20	67.60 4.61 -16.93	69.53 4.67 -20.85	71.99 4.98 -20.91	74.41 5.39 -20.45	79.68 5.64 -20.35	74.75 5.51 -17.75	70.78 5.41 -18.32	68.63 5.08 -18.63	58.36 4.65 -11.83	48.38 4.36 -4.78	44.26 3.82 -2.26
WDELAWARE__HYD 323627	46.76 2.31 0.00	42.98 2.05 0.00	36.54 1.61 0.00	35.93 1.61 0.00	36.63 1.74 0.00	39.89 2.08 0.00	49.04 2.86 0.00	52.68 3.08 0.00	48.56 2.94 1.10	46.37 2.84 2.27	45.95 2.84 2.65	46.48 2.73 2.61	44.66 2.70 3.02	46.41 2.86 2.51	44.32 2.90 2.60	47.05 3.23 2.28	52.00 3.64 0.22	57.66 3.97 0.00	55.20 3.71 0.00	50.62 3.67 0.10	48.04 3.37 0.25	44.70 3.02 0.20	40.68 2.67 1.24	39.98 2.29 0.49

WEST BABYLON___IC 23714	47.65 3.20 0.00	43.31 2.37 0.00	36.22 1.29 0.00	35.65 1.34 0.00	37.09 2.20 0.00	40.50 2.68 0.00	50.63 3.83 -0.63	57.20 4.32 -3.28	55.36 4.34 -4.31	54.68 4.08 -4.80	55.55 4.16 -5.62	60.37 4.27 -9.74	67.36 4.18 -18.20	67.37 4.38 -16.93	69.27 4.40 -20.85	71.72 4.70 -20.91	74.12 5.10 -20.45	79.36 5.32 -20.35	74.44 5.20 -17.75	70.50 5.13 -18.32	68.36 4.81 -18.63	58.11 4.40 -11.83	48.10 4.08 -4.78	44.07 3.63 -2.26
WEST CANADA___HYD 24049	44.54 0.09 0.00	41.01 0.08 0.00	35.00 0.07 0.00	34.38 0.07 0.00	34.96 0.07 0.00	37.89 0.08 0.00	46.27 0.09 0.00	49.75 0.15 0.00	46.85 0.14 0.00	45.99 0.18 0.00	45.95 0.18 0.00	46.55 0.19 0.00	45.16 0.18 0.00	46.25 0.18 0.00	44.19 0.18 0.00	46.29 0.19 0.00	48.77 0.20 0.00	53.85 0.16 0.00	51.64 0.15 0.00	47.24 0.19 0.00	45.10 0.18 0.00	42.05 0.17 0.00	39.40 0.16 0.00	38.29 0.11 0.00
WESTERN_NY_WIND 24143	42.76 -1.69 0.00	39.38 -1.56 0.00	34.02 -0.91 0.00	33.22 -1.10 0.00	33.74 -1.15 0.00	36.60 -1.21 0.00	44.14 -2.03 0.00	47.27 -2.33 0.00	43.58 -3.13 0.00	42.87 -2.93 0.00	43.16 -2.61 0.00	43.58 -2.78 0.00	42.37 -2.61 0.00	43.53 -2.53 0.00	41.28 -2.73 0.00	43.15 -2.95 0.00	45.37 -3.21 0.00	50.63 -3.06 0.00	48.50 -2.99 0.00	43.43 -3.62 0.00	41.28 -3.64 0.00	39.24 -2.64 0.00	36.97 -2.28 0.00	36.88 -1.30 0.00
WESTOVER___LESR 323668	44.49 0.04 0.00	40.85 -0.08 0.00	34.97 0.03 0.00	34.28 -0.03 0.00	34.89 0.00 0.00	37.81 0.00 0.00	46.22 0.05 0.00	49.65 0.05 0.00	46.35 -0.14 0.22	45.30 -0.05 0.46	45.32 0.09 0.54	45.83 0.00 0.53	44.46 0.09 0.61	45.65 0.09 0.51	43.53 0.04 0.53	45.69 0.05 0.46	48.53 0.00 0.05	53.85 0.16 0.00	51.69 0.21 0.00	46.94 -0.09 0.02	44.69 -0.18 0.05	41.84 0.00 0.04	38.92 -0.08 0.25	38.19 0.11 0.10
WETHRSFD_WT_PWR 323626	43.20 -1.24 0.00	39.62 -1.31 0.00	34.16 -0.77 0.00	33.46 -0.86 0.00	33.87 -1.01 0.00	36.53 -1.29 0.00	44.33 -1.85 0.00	47.17 -2.43 0.00	43.68 -3.04 0.00	42.87 -2.93 0.00	43.07 -2.70 0.00	43.39 -2.97 0.00	42.24 -2.75 0.00	43.25 -2.81 0.00	41.19 -2.82 0.00	43.11 -3.00 0.00	45.13 -3.45 0.00	50.47 -3.22 0.00	48.40 -3.09 0.00	43.29 -3.77 0.00	41.15 -3.77 0.00	38.99 -2.89 0.00	36.69 -2.55 0.00	36.65 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	45.78 1.33 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.21 0.89 0.00	35.93 1.05 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.79 2.10 4.03	39.62 2.15 8.33	38.14 2.11 9.73	38.92 2.13 9.57	36.01 2.11 11.09	39.07 2.21 9.21	36.78 2.29 9.52	40.14 2.40 8.36	50.42 2.67 0.82	56.37 2.68 0.00	54.11 2.63 0.00	49.42 2.73 0.36	46.55 2.56 0.93	43.50 2.35 0.73	36.87 2.16 4.53	38.15 1.76 1.78
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.78 1.33 0.00	42.00 1.06 0.00	35.81 0.87 0.00	35.21 0.89 0.00	35.93 1.05 0.00	38.98 1.17 0.00	47.84 1.66 0.00	51.58 1.98 0.00	44.79 2.10 4.03	39.62 2.15 8.33	38.14 2.11 9.73	38.92 2.13 9.57	36.01 2.11 11.09	39.07 2.21 9.21	36.78 2.29 9.52	40.14 2.40 8.36	50.42 2.67 0.82	56.37 2.68 0.00	54.11 2.63 0.00	49.42 2.73 0.36	46.55 2.56 0.93	43.50 2.35 0.73	36.87 2.16 4.53	38.15 1.76 1.78
WHITEHAL_115KV_TB1 80871	47.38 2.93 0.00	43.27 2.33 0.00	36.82 1.89 0.00	36.17 1.85 0.00	36.77 1.88 0.00	40.00 2.19 0.00	49.55 3.37 0.00	53.57 3.97 0.00	50.99 3.78 -0.49	50.44 3.62 -1.02	50.39 3.43 -1.19	51.19 3.66 -1.17	49.84 3.51 -1.35	50.83 3.64 -1.12	48.61 3.43 -1.16	51.00 3.87 -1.02	52.42 3.74 -0.10	58.09 4.40 0.00	55.81 4.32 0.00	51.00 3.91 -0.04	48.85 3.82 -0.11	45.24 3.27 -0.09	42.58 2.79 -0.55	40.80 2.41 -0.22
WHITEPLN_13_KV_LOAD 356215	46.49 2.04 0.00	42.61 1.68 0.00	36.29 1.36 0.00	35.69 1.37 0.00	36.46 1.57 0.00	39.55 1.74 0.00	48.67 2.49 0.00	52.53 2.93 0.00	52.23 3.13 -2.39	53.92 3.16 -4.95	54.71 3.16 -5.78	55.20 3.15 -5.69	54.72 3.15 -6.59	54.80 3.27 -5.47	52.97 3.30 -5.66	54.62 3.55 -4.97	52.80 3.74 -0.49	57.45 3.76 0.00	55.30 3.81 0.00	51.03 3.76 -0.22	49.02 3.55 -0.55	45.49 3.18 -0.43	44.88 2.94 -2.69	41.68 2.44 -1.06
WM_FLOYD_69_KV_BK2 356380	47.82 3.38 0.00	43.35 2.42 0.00	36.19 1.26 0.00	35.65 1.34 0.00	37.15 2.27 0.00	40.61 2.80 0.00	50.82 4.02 -0.63	57.40 4.51 -3.28	55.50 4.48 -4.31	54.77 4.17 -4.80	55.69 4.30 -5.62	60.51 4.40 -9.74	67.45 4.27 -18.20	67.46 4.47 -16.93	69.40 4.53 -20.85	71.86 4.84 -20.91	74.37 5.34 -20.45	79.63 5.58 -20.35	74.69 5.46 -17.75	70.69 5.32 -18.32	68.54 4.99 -18.63	58.27 4.56 -11.83	48.34 4.32 -4.78	44.22 3.78 -2.26
WOODARD___115KV_TB2 355635	43.38 -1.07 0.00	39.87 -1.06 0.00	34.09 -0.84 0.00	33.42 -0.89 0.00	34.02 -0.87 0.00	36.90 -0.91 0.00	45.07 -1.11 0.00	48.51 -1.09 0.00	45.59 -1.12 0.00	44.80 -1.01 0.00	44.85 -0.92 0.00	45.43 -0.93 0.00	44.13 -0.85 0.00	45.19 -0.88 0.00	43.13 -0.88 0.00	45.14 -0.97 0.00	47.56 -1.02 0.00	52.56 -1.13 0.00	50.46 -1.03 0.00	45.97 -1.08 0.00	43.80 -1.12 0.00	40.96 -0.92 0.00	38.26 -0.98 0.00	37.34 -0.84 0.00
YORK___WARBASSE 23770	46.67 2.22 0.00	42.73 1.80 0.00	36.40 1.47 0.00	35.79 1.48 0.00	36.56 1.67 0.00	39.59 1.78 0.00	48.67 2.49 0.00	52.08 2.48 0.00	51.75 2.71 -2.32	53.36 2.75 -4.81	54.04 2.65 -5.62	54.57 2.69 -5.53	54.08 2.70 -6.40	54.19 2.81 -5.31	52.36 2.86 -5.49	54.02 3.09 -4.82	52.60 3.55 -0.47	57.07 3.38 0.00	54.83 3.35 0.00	50.98 3.72 -0.21	49.05 3.59 -0.54	45.83 3.52 -0.43	45.20 3.34 -2.62	42.08 2.86 -1.04