

ALBANY___2 23572	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.86 0.27 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.23 0.00	48.49 0.40 0.00	54.31 0.54 0.00	48.76 0.53 0.00	52.72 0.67 0.00	46.34 0.71 0.00	207.27 2.29 0.00	67.24 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.60 0.00	46.79 0.41 0.00
ALBANY___3 23573	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.86 0.27 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.23 0.00	48.49 0.40 0.00	54.31 0.54 0.00	48.76 0.53 0.00	52.72 0.67 0.00	46.34 0.71 0.00	207.27 2.29 0.00	67.24 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.60 0.00	46.79 0.41 0.00
ALBANY___4 23574	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.86 0.27 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.23 0.00	48.49 0.40 0.00	54.31 0.54 0.00	48.76 0.53 0.00	52.72 0.67 0.00	46.34 0.71 0.00	207.27 2.29 0.00	67.24 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.60 0.00	46.79 0.41 0.00
ALBANY___LFGE 323615	48.98 0.54 0.00	42.41 0.70 0.00	45.92 0.66 0.00	42.53 0.64 0.00	38.23 0.65 0.00	37.60 0.64 0.00	35.09 0.57 0.00	52.39 0.69 0.00	43.79 0.58 0.00	42.24 0.63 0.00	45.48 0.71 0.00	49.00 0.91 0.00	54.87 1.11 0.00	49.28 1.04 0.00	53.28 1.23 0.00	46.84 1.21 0.00	209.52 4.55 0.00	67.99 1.69 0.00	68.16 1.93 0.01	58.59 1.58 0.00	57.93 1.46 0.00	36.31 1.08 0.00	41.52 1.03 0.00	47.27 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	49.48 1.05 0.00	42.13 0.43 0.00	45.65 0.39 0.00	42.23 0.34 0.00	37.89 0.30 0.00	37.25 0.30 0.00	34.81 0.29 0.00	52.23 0.53 0.00	43.76 0.54 0.00	41.93 0.32 0.00	45.03 0.25 0.00	48.40 0.31 0.00	53.95 0.19 0.00	48.43 0.19 0.00	52.37 0.33 0.00	45.78 0.15 0.00	206.27 1.29 0.00	66.68 0.38 0.00	66.56 0.32 0.00	57.21 0.20 0.00	57.11 0.65 0.00	35.13 -0.10 0.00	40.24 -0.24 0.00	46.18 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	49.48 1.05 0.00	42.13 0.43 0.00	45.65 0.39 0.00	42.23 0.34 0.00	37.89 0.30 0.00	37.25 0.30 0.00	34.81 0.29 0.00	52.23 0.53 0.00	43.76 0.54 0.00	41.93 0.32 0.00	45.03 0.25 0.00	48.40 0.31 0.00	53.95 0.19 0.00	48.43 0.19 0.00	52.37 0.33 0.00	45.78 0.15 0.00	206.27 1.29 0.00	66.68 0.38 0.00	66.56 0.32 0.00	57.21 0.20 0.00	57.11 0.65 0.00	35.13 -0.10 0.00	40.24 -0.24 0.00	46.18 -0.21 0.00
ALCOA___DSASP 323711	49.48 1.05 0.00	42.14 0.43 0.00	45.65 0.39 0.00	42.23 0.34 0.00	37.89 0.31 0.00	37.25 0.30 0.00	34.81 0.30 0.00	52.23 0.53 0.00	43.76 0.54 0.00	41.93 0.31 0.00	45.03 0.26 0.00	48.40 0.31 0.00	53.96 0.19 0.00	48.43 0.20 0.00	52.37 0.33 0.00	45.78 0.15 0.00	206.35 1.37 0.00	66.68 0.38 0.00	66.55 0.32 0.00	57.21 0.20 0.00	57.11 0.65 0.00	35.13 -0.11 0.00	40.24 -0.24 0.00	46.18 -0.21 0.00
ALLEGHENY___COGEN 23514	47.90 -0.53 0.00	41.64 -0.07 0.00	45.18 -0.08 0.00	41.61 -0.28 0.00	37.33 -0.26 0.00	36.83 -0.13 0.00	34.62 0.10 0.00	51.95 0.26 0.00	42.76 -0.45 0.00	41.15 -0.46 0.00	44.16 -0.61 0.00	46.65 -1.44 0.00	52.16 -1.60 0.00	46.48 -1.75 0.00	50.29 -1.76 0.00	44.23 -1.40 0.00	200.61 -4.37 0.00	68.04 -1.87 -3.60	70.56 -1.77 -6.09	58.70 -1.06 -2.75	69.13 -1.05 -13.71	35.04 -0.19 0.00	40.23 -0.25 0.00	46.53 0.14 0.00
ALTAMONT_115KV_TB 2 55880	49.15 0.72 0.00	42.52 0.82 0.00	46.07 0.82 0.00	42.66 0.78 0.00	38.29 0.70 0.00	37.66 0.70 0.00	35.16 0.64 0.00	52.56 0.86 0.00	43.89 0.68 0.00	42.34 0.72 0.00	45.58 0.81 0.00	49.07 0.98 0.00	54.94 1.17 0.00	49.34 1.10 0.00	53.29 1.25 0.00	46.81 1.18 0.00	209.54 4.56 0.00	67.97 1.67 0.00	68.16 1.92 0.01	58.59 1.58 0.00	57.95 1.48 0.00	36.32 1.09 0.00	41.56 1.07 0.00	47.38 0.99 0.00
ALTONA_WT_PWR 323606	49.73 1.30 0.00	42.40 0.69 0.00	45.85 0.59 0.00	42.38 0.49 0.00	38.05 0.46 0.00	37.43 0.47 0.00	35.07 0.55 0.00	52.58 0.88 0.00	44.00 0.78 0.00	42.24 0.63 0.00	45.42 0.64 0.00	48.73 0.64 0.00	54.27 0.51 0.00	48.70 0.46 0.00	52.78 0.74 0.00	46.15 0.52 0.00	207.75 2.77 0.00	67.06 0.76 0.00	67.16 0.92 0.00	57.90 0.90 0.00	57.46 1.00 0.00	35.29 0.06 0.00	40.28 -0.20 0.00	46.08 -0.31 0.00
AMERICAN_REF_FUEL 24010	44.67 -3.77 0.00	38.98 -2.73 0.00	42.56 -2.69 0.00	39.06 -2.83 0.00	35.10 -2.49 0.00	34.68 -2.29 0.00	32.60 -1.92 0.00	48.73 -2.96 0.00	39.64 -3.58 0.00	38.07 -3.55 0.00	40.67 -4.11 0.00	42.88 -5.21 0.00	47.74 -6.02 0.00	43.18 -5.06 0.00	46.41 -5.63 0.00	40.78 -4.85 0.00	183.49 -21.49 0.00	56.91 -8.33 1.07	56.21 -8.28 1.74	49.84 -6.52 0.64	46.74 -6.54 3.19	31.79 -3.44 0.00	36.77 -3.72 0.00	43.16 -3.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.76 -2.67 0.00	39.87 -1.84 0.00	43.33 -1.92 0.00	39.80 -2.09 0.00	35.55 -2.04 0.00	35.11 -1.85 0.00	33.09 -1.43 0.00	49.67 -2.03 0.00	40.62 -2.59 0.00	39.15 -2.46 0.00	42.14 -2.63 0.00	44.22 -3.87 0.00	49.46 -4.30 0.00	44.61 -3.63 0.00	47.95 -4.10 0.00	42.03 -3.59 0.00	191.71 -13.27 0.00	59.27 -5.98 1.05	58.51 -6.01 1.72	51.75 -4.61 0.65	48.41 -4.83 3.22	32.62 -2.61 0.00	37.62 -2.86 0.00	44.04 -2.35 0.00
ARTHUR KILL_GT_1 23520	50.83 2.40 0.00	44.04 2.33 0.00	47.40 2.15 0.00	43.86 1.97 0.00	39.42 1.84 0.00	38.71 1.75 0.00	36.25 1.73 0.00	54.04 2.35 0.00	45.39 2.18 0.00	43.98 2.36 0.00	47.29 2.52 0.00	50.76 2.67 0.00	57.06 3.30 0.00	51.49 3.25 0.00	55.33 3.28 0.00	48.75 3.12 0.00	217.43 12.45 0.00	70.76 4.47 0.01	71.00 4.77 0.01	61.07 4.07 0.00	60.35 3.88 0.00	42.28 2.59 -4.46	43.27 2.78 -0.01	49.24 2.84 -0.01
ARTHUR_KILL_2 23512	50.69 2.26 0.00	43.92 2.21 0.00	47.27 2.01 0.00	43.75 1.86 0.00	39.32 1.74 0.00	38.60 1.64 0.00	36.15 1.63 0.00	53.90 2.20 0.00	45.27 2.06 0.00	43.87 2.26 0.00	47.21 2.43 0.00	50.64 2.55 0.00	56.88 3.12 0.00	51.36 3.12 0.00	55.18 3.14 0.00	48.61 2.98 0.00	216.73 11.75 0.00	70.55 4.25 0.01	70.79 4.56 0.01	60.90 3.89 0.00	60.17 3.70 0.00	42.18 2.49 -4.46	43.16 2.67 -0.01	49.12 2.72 -0.01
ARTHUR_KILL_3 23513	50.63 2.20 0.00	43.79 2.08 0.00	47.19 1.94 0.00	43.63 1.74 0.00	39.13 1.54 0.00	38.42 1.46 0.00	36.00 1.48 0.00	53.94 2.24 0.00	45.15 1.94 0.00	43.74 2.13 0.00	47.21 2.43 0.00	50.84 2.75 0.00	56.97 3.21 0.00	51.24 3.00 0.00	55.13 3.09 0.00	48.41 2.79 0.00	216.35 11.37 0.00	70.34 4.04 0.01	70.60 4.37 0.01	60.72 3.71 0.00	59.90 3.43 0.00	42.02 2.34 -4.45	42.96 2.47 0.00	48.83 2.43 -0.01

ARTHUR_KILL_COGEN 323718	50.84 2.40 0.00	44.04 2.33 0.00	47.40 2.15 0.00	43.86 1.97 0.00	39.42 1.84 0.00	38.71 1.75 0.00	36.25 1.73 0.00	54.04 2.35 0.00	45.38 2.17 0.00	43.98 2.37 0.00	47.31 2.53 0.00	50.76 2.67 0.00	57.03 3.27 0.00	51.49 3.25 0.00	55.33 3.29 0.00	48.74 3.12 0.00	217.35 12.37 0.00	70.74 4.44 0.01	70.99 4.76 0.01	61.07 4.07 0.00	60.34 3.88 0.00	42.29 2.60 -4.46	43.28 2.79 -0.01	49.25 2.85 -0.01
ASHOKAN____ 23654	50.30 1.87 0.00	43.48 1.78 0.00	46.99 1.73 0.00	43.46 1.57 0.00	38.98 1.39 0.00	38.33 1.37 0.00	35.82 1.30 0.00	53.65 1.95 0.00	44.95 1.73 0.00	43.47 1.85 0.00	46.87 2.10 0.00	50.51 2.42 0.00	56.59 2.83 0.00	50.88 2.64 0.00	54.96 2.92 0.00	48.29 2.67 0.00	215.58 10.60 0.00	70.02 3.72 0.01	70.59 4.36 0.01	60.69 3.68 0.00	59.95 3.48 0.00	37.54 2.30 0.00	42.83 2.36 0.00	48.67 2.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.75 2.32 0.00	43.92 2.22 0.00	47.30 2.05 0.00	43.80 1.92 0.00	39.27 1.69 0.00	38.57 1.61 0.00	36.06 1.55 0.00	53.97 2.27 0.00	45.22 2.01 0.00	43.81 2.20 0.00	47.32 2.55 0.00	50.83 2.74 0.00	81.65 3.28 -24.61	51.42 3.04 -0.13	55.55 3.06 -0.45	49.44 2.84 -0.97	216.29 11.32 0.01	71.03 4.07 -0.65	70.61 4.40 0.02	60.73 3.73 0.01	59.93 3.48 0.01	47.93 2.36 -10.33	43.06 2.58 0.00	48.91 2.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.75 2.32 0.00	43.92 2.22 0.00	47.30 2.05 0.00	43.80 1.92 0.00	39.27 1.69 0.00	38.57 1.61 0.00	36.06 1.55 0.00	53.97 2.27 0.00	45.23 2.02 0.00	43.81 2.20 0.00	47.32 2.55 0.00	50.83 2.74 0.00	81.65 3.28 -24.61	51.42 3.04 -0.13	55.55 3.06 -0.45	49.44 2.84 -0.97	216.29 11.32 0.01	71.03 4.07 -0.65	70.61 4.40 0.02	60.73 3.73 0.01	59.93 3.48 0.01	47.93 2.36 -10.33	43.06 2.58 0.00	48.91 2.52 0.00
ASTORIA_GT2_1 24094	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT2_2 24095	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT2_3 24096	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT2_4 24097	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT3_1 24098	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT3_2 24099	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT3_3 24100	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT3_4 24101	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT4_1 24102	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT4_2 24103	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT4_3 24104	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00

ASTORIA_GT4_4 24105	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.07 0.00	43.82 1.94 0.00	39.28 1.70 0.00	38.60 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.26 2.48 0.00	50.84 2.75 0.00	81.80 3.43 -24.61	51.44 3.07 -0.13	55.63 3.14 -0.45	49.52 2.92 -0.97	216.35 11.38 0.01	71.17 4.22 -0.65	70.65 4.43 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.96 2.39 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA_GT_1 23523	50.84 2.41 0.00	44.00 2.30 0.00	47.39 2.14 0.00	43.88 1.99 0.00	39.33 1.75 0.00	38.64 1.68 0.00	36.13 1.61 0.00	54.06 2.37 0.00	45.30 2.09 0.00	43.89 2.28 0.00	47.32 2.55 0.00	50.91 2.82 0.00	81.87 3.50 -24.61	51.51 3.14 -0.13	55.71 3.22 -0.45	49.59 2.99 -0.97	216.73 11.76 0.01	71.28 4.33 -0.65	70.76 4.54 0.02	60.85 3.85 0.01	60.06 3.60 0.01	48.01 2.45 -10.33	43.14 2.66 0.00	49.00 2.61 0.00
ASTORIA_GT_10 24110	50.80 2.36 0.00	43.93 2.22 0.00	47.37 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.36 0.00	47.43 2.66 0.00	51.06 2.97 0.00	57.31 3.55 0.00	51.50 3.26 0.00	55.37 3.33 0.00	48.67 3.05 0.00	217.33 12.34 0.00	70.69 4.40 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.06 2.68 0.00
ASTORIA_GT_11 24225	50.80 2.36 0.00	43.93 2.22 0.00	47.37 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.36 0.00	47.43 2.66 0.00	51.06 2.97 0.00	57.31 3.55 0.00	51.50 3.26 0.00	55.37 3.33 0.00	48.67 3.05 0.00	217.33 12.34 0.00	70.69 4.40 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.06 2.68 0.00
ASTORIA_GT_12 24226	50.80 2.36 0.00	43.93 2.22 0.00	47.37 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.36 0.00	47.43 2.66 0.00	51.06 2.97 0.00	57.31 3.55 0.00	51.50 3.26 0.00	55.37 3.33 0.00	48.67 3.05 0.00	217.33 12.34 0.00	70.69 4.40 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.06 2.68 0.00
ASTORIA_GT_13 24227	50.80 2.36 0.00	43.93 2.22 0.00	47.37 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.36 0.00	47.43 2.66 0.00	51.06 2.97 0.00	57.31 3.55 0.00	51.50 3.26 0.00	55.37 3.33 0.00	48.67 3.05 0.00	217.33 12.34 0.00	70.69 4.40 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.06 2.68 0.00
ASTORIA_GT_5 24106	50.84 2.41 0.00	44.00 2.30 0.00	47.39 2.14 0.00	43.88 1.99 0.00	39.33 1.75 0.00	38.64 1.68 0.00	36.13 1.61 0.00	54.06 2.37 0.00	45.30 2.09 0.00	43.89 2.28 0.00	47.32 2.55 0.00	50.91 2.82 0.00	81.87 3.50 -24.61	51.51 3.14 -0.13	55.71 3.22 -0.45	49.59 2.99 -0.97	216.73 11.76 0.01	71.28 4.33 -0.65	70.76 4.54 0.02	60.85 3.85 0.01	60.06 3.60 0.01	48.01 2.45 -10.33	43.14 2.66 0.00	49.00 2.61 0.00
ASTORIA_GT_7 24107	50.84 2.41 0.00	44.00 2.30 0.00	47.39 2.14 0.00	43.88 1.99 0.00	39.33 1.75 0.00	38.64 1.68 0.00	36.13 1.61 0.00	54.06 2.37 0.00	45.30 2.09 0.00	43.89 2.28 0.00	47.32 2.55 0.00	50.91 2.82 0.00	81.87 3.50 -24.61	51.51 3.14 -0.13	55.71 3.22 -0.45	49.59 2.99 -0.97	216.73 11.76 0.01	71.28 4.33 -0.65	70.76 4.54 0.02	60.85 3.85 0.01	60.06 3.60 0.01	48.01 2.45 -10.33	43.14 2.66 0.00	49.00 2.61 0.00
ASTORIA_GT_8 24108	50.84 2.41 0.00	44.00 2.30 0.00	47.39 2.14 0.00	43.88 1.99 0.00	39.33 1.75 0.00	38.64 1.68 0.00	36.13 1.61 0.00	54.06 2.37 0.00	45.30 2.09 0.00	43.89 2.28 0.00	47.32 2.55 0.00	50.91 2.82 0.00	81.87 3.50 -24.61	51.51 3.14 -0.13	55.71 3.22 -0.45	49.59 2.99 -0.97	216.73 11.76 0.01	71.28 4.33 -0.65	70.76 4.54 0.02	60.85 3.85 0.01	60.06 3.60 0.01	48.01 2.45 -10.33	43.14 2.66 0.00	49.00 2.61 0.00
ASTORIA___2 24149	50.77 2.33 0.00	43.94 2.23 0.00	47.32 2.06 0.00	43.83 1.94 0.00	39.29 1.71 0.00	38.59 1.63 0.00	36.08 1.56 0.00	54.00 2.30 0.00	45.25 2.04 0.00	43.84 2.23 0.00	47.34 2.57 0.00	50.84 2.75 0.00	81.68 3.31 -24.61	51.44 3.07 -0.13	55.58 3.09 -0.45	49.45 2.86 -0.97	216.34 11.37 0.01	71.07 4.11 -0.65	70.66 4.44 0.02	60.74 3.74 0.01	59.96 3.51 0.01	47.95 2.38 -10.33	43.07 2.59 0.00	48.93 2.54 0.00
ASTORIA___3 23516	50.80 2.36 0.00	43.93 2.22 0.00	47.36 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.37 0.00	47.46 2.68 0.00	51.06 2.97 0.00	57.26 3.50 0.00	51.50 3.26 0.00	55.35 3.31 0.00	48.66 3.03 0.00	217.32 12.34 0.00	70.66 4.37 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.07 2.68 0.00
ASTORIA___4 23517	50.80 2.36 0.00	43.93 2.22 0.00	47.37 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.36 0.00	47.43 2.66 0.00	51.06 2.97 0.00	57.31 3.55 0.00	51.50 3.26 0.00	55.37 3.33 0.00	48.67 3.05 0.00	217.33 12.34 0.00	70.69 4.40 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.06 2.68 0.00
ASTORIA___5 23518	50.80 2.36 0.00	43.93 2.22 0.00	47.36 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.37 0.00	47.46 2.68 0.00	51.06 2.97 0.00	57.26 3.50 0.00	51.50 3.26 0.00	55.35 3.31 0.00	48.66 3.03 0.00	217.32 12.34 0.00	70.66 4.37 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.07 2.68 0.00
AST_ENERGY_2_CC3 323677	50.73 2.29 0.00	43.87 2.16 0.00	47.29 2.04 0.00	43.71 1.82 0.00	39.21 1.62 0.00	38.50 1.54 0.00	36.07 1.56 0.00	54.03 2.33 0.00	45.24 2.03 0.00	43.84 2.23 0.00	47.29 2.52 0.00	50.93 2.84 0.00	57.09 3.33 0.00	51.36 3.12 0.00	55.27 3.23 0.00	48.53 2.90 0.00	216.76 11.78 0.00	70.48 4.19 0.01	70.75 4.52 0.01	60.85 3.84 0.00	60.02 3.55 0.00	37.67 2.44 0.00	43.09 2.61 0.00	48.96 2.57 0.00
AST_ENERGY_2_CC4 323678	50.73 2.29 0.00	43.87 2.16 0.00	47.29 2.04 0.00	43.71 1.82 0.00	39.21 1.62 0.00	38.50 1.54 0.00	36.07 1.56 0.00	54.03 2.33 0.00	45.24 2.03 0.00	43.84 2.23 0.00	47.29 2.52 0.00	50.93 2.84 0.00	57.09 3.33 0.00	51.36 3.12 0.00	55.27 3.23 0.00	48.53 2.90 0.00	216.76 11.78 0.00	70.48 4.19 0.01	70.75 4.52 0.01	60.85 3.84 0.00	60.02 3.55 0.00	37.67 2.44 0.00	43.09 2.61 0.00	48.96 2.57 0.00

ATHENS_STG_1 23668	49.42 0.99 0.00	42.77 1.07 0.00	46.29 1.04 0.00	42.85 0.97 0.00	38.46 0.87 0.00	37.80 0.84 0.00	35.28 0.76 0.00	52.78 1.09 0.00	44.10 0.89 0.00	42.59 0.97 0.00	45.90 1.12 0.00	49.41 1.31 0.00	55.31 1.55 0.00	49.71 1.47 0.00	53.64 1.60 0.00	47.10 1.48 0.00	210.77 5.80 0.00	68.37 2.07 0.01	68.59 2.36 0.01	58.95 1.94 0.00	58.29 1.82 0.00	36.56 1.33 0.00	41.81 1.33 0.00	47.65 1.26 0.00
ATHENS_STG_2 23670	49.42 0.99 0.00	42.77 1.07 0.00	46.29 1.04 0.00	42.85 0.97 0.00	38.46 0.87 0.00	37.80 0.84 0.00	35.28 0.76 0.00	52.78 1.09 0.00	44.10 0.89 0.00	42.59 0.97 0.00	45.90 1.12 0.00	49.41 1.31 0.00	55.31 1.55 0.00	49.71 1.47 0.00	53.64 1.60 0.00	47.10 1.48 0.00	210.77 5.80 0.00	68.37 2.07 0.01	68.59 2.36 0.01	58.95 1.94 0.00	58.29 1.82 0.00	36.56 1.33 0.00	41.81 1.33 0.00	47.65 1.26 0.00
ATHENS_STG_3 23677	49.42 0.99 0.00	42.77 1.07 0.00	46.29 1.04 0.00	42.85 0.97 0.00	38.46 0.87 0.00	37.80 0.84 0.00	35.28 0.76 0.00	52.78 1.09 0.00	44.10 0.89 0.00	42.59 0.97 0.00	45.90 1.12 0.00	49.41 1.31 0.00	55.31 1.55 0.00	49.71 1.47 0.00	53.64 1.60 0.00	47.10 1.48 0.00	210.77 5.80 0.00	68.37 2.07 0.01	68.59 2.36 0.01	58.95 1.94 0.00	58.29 1.82 0.00	36.56 1.33 0.00	41.81 1.33 0.00	47.65 1.26 0.00
AUBURN___LFGE 323710	48.05 -0.38 0.00	41.41 -0.29 0.00	45.02 -0.23 0.00	41.62 -0.26 0.00	37.41 -0.17 0.00	36.67 -0.29 0.00	34.44 -0.09 0.00	51.63 -0.07 0.00	42.96 -0.25 0.00	41.34 -0.27 0.00	44.47 -0.31 0.00	47.57 -0.52 0.00	53.16 -0.60 0.00	47.55 -0.69 0.00	51.16 -0.88 0.00	45.11 -0.51 0.00	202.73 -2.25 0.00	65.28 -1.02 0.00	65.59 -0.65 0.00	56.38 -0.63 0.00	55.87 -0.59 0.00	34.94 -0.29 0.00	40.29 -0.20 0.00	46.33 -0.06 0.00
BABYLON_RES_REC 323704	51.02 2.59 0.00	44.24 2.53 0.00	47.61 2.36 0.00	43.98 2.10 0.00	39.64 2.05 0.00	38.98 2.02 0.00	36.43 1.91 0.00	54.50 2.81 0.00	45.76 2.55 0.00	45.43 2.58 -1.23	51.12 3.02 -3.33	53.10 3.27 -1.74	45.99 3.89 11.66	56.04 3.61 -4.19	58.58 3.78 -2.76	57.42 3.43 -8.36	227.44 11.63 -10.83	78.32 4.99 -7.03	73.89 5.61 -2.04	69.77 4.80 -7.96	71.71 4.48 -10.77	41.69 3.10 -3.36	43.70 3.22 0.00	49.77 3.39 0.00
BALL_HILL_WT_PWR 323825	45.58 -2.86 0.00	39.77 -1.94 0.00	43.25 -2.00 0.00	39.78 -2.11 0.00	35.67 -1.92 0.00	35.19 -1.77 0.00	33.16 -1.35 0.00	49.71 -1.98 0.00	40.64 -2.57 0.00	39.16 -2.45 0.00	42.02 -2.75 0.00	44.24 -3.85 0.00	49.44 -4.33 0.00	44.54 -3.70 0.00	47.87 -4.17 0.00	42.03 -3.60 0.00	190.74 -14.24 0.00	58.95 -6.03 1.33	58.13 -5.92 2.18	51.55 -4.60 0.85	47.44 -4.80 4.23	32.82 -2.41 0.00	37.89 -2.59 0.00	44.27 -2.12 0.00
BARON_WINDS___WT_PWR 323822	46.52 -1.91 0.00	40.58 -1.13 0.00	43.86 -1.40 0.00	40.39 -1.49 0.00	36.24 -1.34 0.00	35.67 -1.29 0.00	33.55 -0.97 0.00	50.35 -1.35 0.00	41.43 -1.78 0.00	40.01 -1.61 0.00	43.11 -1.67 0.00	45.70 -2.39 0.00	51.12 -2.64 0.00	45.76 -2.47 0.00	49.22 -2.82 0.00	43.24 -2.39 0.00	196.56 -8.42 0.00	56.48 -3.61 6.21	52.33 -3.45 10.45	49.64 -2.78 4.59	30.53 -3.07 22.86	33.80 -1.43 0.00	38.89 -1.60 0.00	44.99 -1.40 0.00
BARRETT_IC_1 23704	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_10 23701	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	49.04 2.28 -5.14	62.89 2.66 -15.46	64.78 2.90 -13.78	-787.18 3.28 844.22	64.54 3.11 -13.20	52.48 3.23 2.79	51.63 2.90 -3.10	224.38 9.92 -9.49	60.25 4.11 10.16	75.31 4.70 -4.37	67.74 4.00 -6.73	69.85 3.71 -9.68	-336.69 2.57 374.50	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_11 23702	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	49.04 2.28 -5.14	62.89 2.66 -15.46	64.78 2.90 -13.78	-787.18 3.28 844.22	64.54 3.11 -13.20	52.48 3.23 2.79	51.63 2.90 -3.10	224.38 9.92 -9.49	60.25 4.11 10.16	75.31 4.70 -4.37	67.74 4.00 -6.73	69.85 3.71 -9.68	-336.69 2.57 374.50	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_12 23703	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	49.04 2.28 -5.14	62.89 2.66 -15.46	64.78 2.90 -13.78	-787.18 3.28 844.22	64.54 3.11 -13.20	52.48 3.23 2.79	51.63 2.90 -3.10	224.38 9.92 -9.49	60.25 4.11 10.16	75.31 4.70 -4.37	67.74 4.00 -6.73	69.85 3.71 -9.68	-336.69 2.57 374.50	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_2 23705	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_3 23706	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_4 23707	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_5 23708	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00

BARRETT_IC_6 23709	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_7 23710	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.85 0.00	39.39 1.80 -0.01	38.72 1.76 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.38 2.17 0.00	59.05 2.30 -15.13	93.88 2.66 -46.45	95.38 2.88 -44.42	519.79 3.37 -462.65	106.29 3.12 -54.94	100.76 3.27 -45.45	175.22 2.93 -126.66	225.37 9.92 -10.47	110.07 4.12 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.04 2.60 -155.21	43.21 2.73 0.00	49.24 2.86 0.00
BARRETT_IC_8 23711	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT_IC_9 23700	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	49.04 2.28 -5.14	62.89 2.66 -15.46	64.78 2.90 -13.78	-787.18 3.28 844.22	64.54 3.11 -13.20	52.48 3.23 2.79	51.63 2.90 -3.10	224.38 9.92 -9.49	60.25 4.11 10.16	75.31 4.70 -4.37	67.74 4.00 -6.73	69.85 3.71 -9.68	-336.69 2.57 374.50	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT___1 23545	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	59.03 2.28 -15.13	93.88 2.66 -46.45	95.41 2.90 -44.42	519.69 3.28 -462.65	106.28 3.11 -54.94	100.73 3.23 -45.45	175.18 2.90 -126.66	225.37 9.92 -10.47	110.05 4.11 -39.64	81.96 4.70 -11.02	67.77 4.00 -6.76	71.33 3.71 -11.16	193.02 2.57 -155.21	43.21 2.72 0.00	49.25 2.86 0.00
BARRETT___2 23546	50.73 2.29 0.00	43.99 2.28 0.00	47.35 2.10 0.00	43.74 1.86 0.00	39.39 1.80 -0.01	38.72 1.77 0.00	36.17 1.65 0.00	54.08 2.38 0.00	45.37 2.16 0.00	49.04 2.28 -5.14	62.89 2.66 -15.46	64.78 2.90 -13.78	-787.18 3.28 844.22	64.54 3.11 -13.20	52.48 3.23 2.79	51.63 2.90 -3.10	224.38 9.92 -9.49	60.25 4.11 10.16	75.31 4.70 -4.37	67.74 4.00 -6.73	69.85 3.71 -9.68	-336.69 2.57 374.50	43.21 2.72 0.00	49.25 2.86 0.00
BATAVIA__115KV_TB1 55881	46.35 -2.08 0.00	40.36 -1.35 0.00	43.99 -1.26 0.00	40.41 -1.48 0.00	36.34 -1.25 0.00	35.84 -1.12 0.00	33.71 -0.80 0.00	50.47 -1.23 0.00	41.33 -1.88 0.00	39.72 -1.89 0.00	42.31 -2.46 0.00	44.95 -3.14 0.00	49.92 -3.84 0.00	45.19 -3.05 0.00	48.36 -3.68 0.00	42.68 -2.95 0.00	192.51 -12.47 0.00	60.62 -4.96 0.72	60.14 -4.91 1.18	52.82 -3.74 0.45	50.44 -3.78 2.24	33.46 -1.77 0.00	38.56 -1.91 0.00	44.97 -1.42 0.00
BAYONEEC___CTG1 323682	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG10 323750	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG2 323683	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG3 323684	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG4 323685	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG5 323686	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG6 323687	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG7 323688	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00

BAYONEEC___CTG8 323689	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BAYONEEC___CTG9 323749	50.81 2.37 0.00	43.95 2.24 0.00	47.37 2.12 0.00	43.79 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.13 1.61 0.00	54.12 2.42 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.15 3.39 0.00	51.42 3.19 0.00	55.34 3.29 0.00	48.58 2.96 0.00	217.09 12.11 0.00	70.57 4.27 0.01	70.82 4.59 0.01	60.91 3.91 0.00	60.11 3.64 0.00	39.69 2.48 -1.98	43.13 2.65 0.00	49.02 2.63 0.00
BEACON___LESR 323632	49.18 0.74 0.00	42.56 0.85 0.00	46.11 0.86 0.00	42.68 0.80 0.00	38.35 0.76 0.00	37.73 0.77 0.00	35.24 0.72 0.00	52.66 0.96 0.00	43.95 0.73 0.00	42.45 0.84 0.00	45.69 0.92 0.00	49.19 1.10 0.00	55.20 1.44 0.00	49.50 1.27 0.00	53.56 1.51 0.00	47.07 1.45 0.00	210.90 5.92 0.00	68.46 2.16 0.00	68.68 2.45 0.01	59.04 2.03 0.00	58.26 1.80 0.00	36.50 1.27 0.00	41.70 1.22 0.00	47.57 1.18 0.00
BEAVER RIVER___HYD 24048	48.51 0.08 0.00	41.53 -0.18 0.00	44.94 -0.32 0.00	41.62 -0.27 0.00	37.44 -0.14 0.00	36.87 -0.09 0.00	34.34 -0.17 0.00	51.25 -0.45 0.00	43.03 -0.18 0.00	41.37 -0.24 0.00	44.38 -0.39 0.00	47.56 -0.52 0.00	53.15 -0.61 0.00	47.74 -0.49 0.00	51.23 -0.81 0.00	44.49 -1.13 0.00	200.63 -4.35 0.00	65.84 -0.46 0.00	66.21 -0.03 0.00	57.18 0.17 0.00	56.88 0.42 0.00	35.26 0.03 0.00	40.20 -0.28 0.00	45.98 -0.41 0.00
BEEBEE_GT_13 23619	46.44 -2.00 0.00	40.31 -1.40 0.00	43.87 -1.39 0.00	40.42 -1.47 0.00	36.32 -1.26 0.00	35.79 -1.17 0.00	33.58 -0.94 0.00	50.32 -1.38 0.00	41.53 -1.69 0.00	39.99 -1.63 0.00	42.85 -1.93 0.00	45.55 -2.54 0.00	50.78 -2.98 0.00	45.82 -2.42 0.00	49.28 -2.76 0.00	43.32 -2.31 0.00	194.90 -10.08 0.00	62.45 -3.88 -0.02	62.38 -3.89 -0.03	53.96 -3.05 0.00	53.33 -3.14 0.00	33.74 -1.49 0.00	38.89 -1.59 0.00	45.10 -1.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.16 2.73 0.00	44.25 2.54 0.00	47.63 2.38 0.00	44.04 2.15 0.00	39.53 1.95 0.00	38.82 1.87 0.00	36.36 1.84 0.00	54.38 2.68 0.00	45.63 2.42 0.00	44.25 2.64 0.00	47.71 2.93 0.00	51.31 3.22 0.00	57.62 3.86 0.00	51.86 3.63 0.00	55.75 3.71 0.00	49.03 3.41 0.00	218.82 13.84 0.00	71.21 4.91 0.01	71.46 5.23 0.01	61.48 4.47 0.00	60.66 4.19 -4.46	42.49 2.80 -0.01	43.50 3.02 -0.01	49.44 3.05 -0.01
BETHLEHEM___GRP 23843	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.86 0.27 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.23 0.00	48.49 0.40 0.00	54.31 0.54 0.00	48.76 0.53 0.00	52.72 0.67 0.00	46.34 0.71 0.00	207.27 2.29 0.00	67.24 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.60 0.00	46.79 0.41 0.00
BETHLEHEM___GS1 323560	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.88 0.30 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.24 0.00	48.49 0.40 0.00	54.29 0.53 0.00	48.76 0.52 0.00	52.72 0.67 0.00	46.34 0.72 0.00	207.28 2.30 0.00	67.25 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.59 0.00	46.79 0.40 0.00
BETHLEHEM___GS2 323561	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.88 0.30 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.24 0.00	48.49 0.40 0.00	54.29 0.53 0.00	48.76 0.52 0.00	52.72 0.67 0.00	46.34 0.72 0.00	207.28 2.30 0.00	67.25 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.59 0.00	46.79 0.40 0.00
BETHLEHEM___GS3 323562	48.50 0.06 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.12 0.23 0.00	37.88 0.30 0.00	37.26 0.30 0.00	34.77 0.25 0.00	51.88 0.18 0.00	43.36 0.14 0.00	41.82 0.21 0.00	45.01 0.24 0.00	48.49 0.40 0.00	54.29 0.53 0.00	48.76 0.52 0.00	52.72 0.67 0.00	46.34 0.72 0.00	207.28 2.30 0.00	67.25 0.95 0.00	67.43 1.20 0.01	57.96 0.96 0.00	57.30 0.84 0.00	35.93 0.70 0.00	41.08 0.59 0.00	46.79 0.40 0.00
BETHLEHEM___STEEL 23779	45.46 -2.97 0.00	39.65 -2.06 0.00	43.19 -2.07 0.00	39.69 -2.20 0.00	35.67 -1.92 0.00	35.14 -1.81 0.00	33.09 -1.43 0.00	49.53 -2.17 0.00	40.47 -2.74 0.00	38.98 -2.64 0.00	41.75 -3.03 0.00	44.02 -4.07 0.00	49.00 -4.76 0.00	44.34 -3.89 0.00	47.67 -4.38 0.00	41.90 -3.73 0.00	189.27 -15.71 0.00	58.63 -6.37 1.30	57.79 -6.31 2.14	51.25 -4.93 0.83	47.29 -5.05 4.13	32.75 -2.48 0.00	37.84 -2.64 0.00	44.23 -2.15 0.00
BETHLHEM_115KV_TB1 79974	48.64 0.21 0.00	42.11 0.40 0.00	45.60 0.35 0.00	42.23 0.35 0.00	37.95 0.37 0.00	37.35 0.39 0.00	34.85 0.33 0.00	52.02 0.33 0.00	43.48 0.27 0.00	41.94 0.33 0.00	45.13 0.36 0.00	48.62 0.53 0.00	54.44 0.68 0.00	48.90 0.66 0.00	52.84 0.80 0.00	46.44 0.81 0.00	207.77 2.79 0.00	67.41 1.11 0.00	67.57 1.34 0.01	58.09 1.08 0.00	57.44 0.97 0.00	36.01 0.78 0.00	41.18 0.70 0.00	46.92 0.53 0.00
BETHPAGE_CC_5 323564	50.95 2.52 0.00	44.19 2.48 0.00	47.55 2.30 0.00	43.93 2.05 0.00	39.55 1.96 0.00	38.88 1.93 0.00	36.35 1.83 0.00	54.38 2.69 0.00	45.66 2.45 0.00	45.46 2.53 -1.31	51.24 2.92 -3.54	53.12 3.18 -1.85	52.69 3.79 4.87	56.20 3.47 -4.50	58.77 3.65 -3.07	58.11 3.29 -9.19	227.58 11.10 -11.50	78.66 4.68 -7.68	73.64 5.22 -2.18	69.89 4.44 -8.44	72.07 4.14 -11.46	47.33 2.88 -9.21	43.53 3.05 0.00	49.56 3.17 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.55 -2.88 0.00	39.72 -1.99 0.00	43.25 -2.00 0.00	39.74 -2.15 0.00	35.71 -1.87 0.00	35.19 -1.77 0.00	33.15 -1.37 0.00	49.63 -2.06 0.00	40.57 -2.64 0.00	39.08 -2.53 0.00	41.87 -2.90 0.00	44.13 -3.96 0.00	49.15 -4.61 0.00	44.45 -3.79 0.00	47.77 -4.27 0.00	41.99 -3.64 0.00	189.67 -15.30 0.00	58.86 -6.21 1.24	58.10 -6.10 2.03	51.47 -4.76 0.78	47.70 -4.87 3.90	32.86 -2.38 0.00	37.94 -2.54 0.00	44.33 -2.06 0.00
BINGHAMTON___COGEN 23790	47.97 -0.46 0.00	41.57 -0.14 0.00	45.01 -0.25 0.00	41.62 -0.26 0.00	37.37 -0.22 0.00	36.77 -0.19 0.00	34.46 -0.06 0.00	51.70 0.00 0.00	42.89 -0.31 0.00	41.37 -0.24 0.00	44.57 -0.20 0.00	47.60 -0.49 0.00	53.28 -0.48 0.00	47.78 -0.46 0.00	51.43 -0.62 0.00	45.16 -0.47 0.00	204.15 -0.83 0.00	65.60 -0.66 0.04	65.72 -0.46 0.06	56.72 -0.29 0.00	55.97 -0.50 0.00	35.19 -0.04 0.00	40.42 -0.06 0.00	46.36 -0.03 0.00

BIXINCNT_115KV_LOAD 355685	45.93 -2.50 0.00	40.01 -1.70 0.00	43.36 -1.90 0.00	39.95 -1.93 0.00	35.77 -1.81 0.00	35.22 -1.74 0.00	33.37 -1.16 0.00	50.17 -1.53 0.00	41.09 -2.12 0.00	39.61 -2.00 0.00	42.46 -2.31 0.00	44.59 -3.50 0.00	49.64 -4.13 0.00	44.63 -3.61 0.00	48.03 -4.02 0.00	42.00 -3.63 0.00	189.77 -15.21 0.00	59.32 -6.09 0.90	59.30 -5.48 1.46	52.38 -4.09 0.54	49.70 -4.09 2.67	33.15 -2.08 0.00	38.15 -2.33 0.00	44.57 -1.82 0.00
BLACK RIVER___HYD 24047	48.57 0.14 0.00	41.61 -0.09 0.00	45.01 -0.24 0.00	41.70 -0.18 0.00	37.53 -0.06 0.00	37.00 0.04 0.00	34.41 -0.11 0.00	51.25 -0.45 0.00	43.05 -0.16 0.00	41.43 -0.18 0.00	44.43 -0.35 0.00	47.47 -0.62 0.00	53.02 -0.74 0.00	47.59 -0.65 0.00	51.07 -0.97 0.00	44.13 -1.49 0.00	199.31 -5.67 0.00	65.72 -0.59 0.00	66.21 -0.02 0.00	57.41 0.40 0.00	57.06 0.59 0.00	35.35 0.12 0.00	40.31 -0.17 0.00	46.09 -0.30 0.00
BLACKRVR_115KV_TB2 79977	48.57 0.13 0.00	41.61 -0.09 0.00	45.01 -0.24 0.00	41.70 -0.18 0.00	37.53 -0.06 0.00	37.00 0.04 0.00	34.41 -0.11 0.00	51.25 -0.45 0.00	43.05 -0.16 0.00	41.43 -0.18 0.00	44.43 -0.35 0.00	47.47 -0.62 0.00	53.02 -0.74 0.00	47.59 -0.65 0.00	51.07 -0.97 0.00	44.14 -1.49 0.00	199.30 -5.68 0.00	65.71 -0.59 0.00	66.21 -0.02 0.00	57.41 0.40 0.00	57.06 0.59 0.00	35.35 0.12 0.00	40.31 -0.17 0.00	46.09 -0.30 0.00
BLDWN_LI_69_KV_BK4 356085	50.97 2.54 0.00	44.19 2.48 0.00	47.56 2.31 0.00	43.93 2.04 0.00	39.55 1.96 0.00	38.89 1.93 0.00	36.34 1.82 0.00	54.38 2.69 0.00	45.63 2.42 0.00	48.88 2.55 -4.72	61.75 2.95 -14.03	63.29 3.21 -12.00	165.09 3.75 -107.58	68.55 3.41 -16.90	69.18 3.69 -13.45	86.86 3.21 -38.02	229.24 11.18 -13.08	87.36 4.65 -16.41	76.00 5.18 -4.58	70.77 4.41 -9.35	73.75 4.11 -13.17	84.60 2.89 -46.49	43.52 3.04 0.00	49.54 3.15 0.00
BLISS_WT_PWR 323608	45.91 -2.52 0.00	39.95 -1.76 0.00	43.25 -2.00 0.00	39.88 -2.01 0.00	35.64 -1.94 0.00	35.11 -1.85 0.00	33.30 -1.22 0.00	50.11 -1.59 0.00	41.05 -2.16 0.00	39.58 -2.04 0.00	42.42 -2.36 0.00	44.52 -3.57 0.00	49.68 -4.08 0.00	44.53 -3.71 0.00	47.93 -4.11 0.00	41.87 -3.76 0.00	188.97 -16.01 0.00	59.07 -6.34 0.90	59.15 -5.62 1.46	52.28 -4.19 0.54	49.65 -4.14 2.67	33.08 -2.15 0.00	38.04 -2.44 0.00	44.46 -1.92 0.00
BLUESTONE___WT_PWR 323821	50.17 1.74 0.00	42.97 1.27 0.00	46.73 1.48 0.00	43.45 1.56 0.00	39.00 1.41 0.00	38.40 1.44 0.00	35.82 1.31 0.00	53.88 2.18 0.00	44.91 1.70 0.00	43.27 1.65 0.00	46.52 1.75 0.00	49.78 1.70 0.00	55.90 2.14 0.00	50.17 1.93 0.00	54.06 2.02 0.00	47.44 1.82 0.00	214.23 9.25 0.00	69.10 2.83 0.03	68.88 2.69 0.04	59.06 2.05 0.00	57.99 1.53 0.00	36.54 1.31 0.00	41.40 0.92 0.00	47.10 0.71 0.00
BLUE_CIRC_CHEM_DRP 24182	49.19 0.76 0.00	42.57 0.86 0.00	46.14 0.89 0.00	42.75 0.86 0.00	38.38 0.79 0.00	37.75 0.79 0.00	35.22 0.70 0.00	52.61 0.91 0.00	43.93 0.72 0.00	42.33 0.71 0.00	45.56 0.78 0.00	49.07 0.98 0.00	54.99 1.22 0.00	49.29 1.06 0.00	53.32 1.27 0.00	46.84 1.21 0.00	209.54 4.56 0.00	68.00 1.70 0.00	68.21 1.98 0.01	58.66 1.65 0.00	58.00 1.54 0.00	36.36 1.13 0.00	41.61 1.13 0.00	47.46 1.08 0.00
BOC_GAS_DRP 24189	48.99 0.55 0.00	42.38 0.68 0.00	45.93 0.68 0.00	42.53 0.64 0.00	38.18 0.59 0.00	37.55 0.59 0.00	35.02 0.51 0.00	52.38 0.68 0.00	43.75 0.54 0.00	42.21 0.59 0.00	45.45 0.68 0.00	48.92 0.83 0.00	54.76 1.00 0.00	49.18 0.94 0.00	53.11 1.07 0.00	46.65 1.02 0.00	208.73 3.75 0.00	67.69 1.39 0.00	67.87 1.65 0.01	58.35 1.34 0.00	57.72 1.26 0.00	36.18 0.94 0.00	41.40 0.92 0.00	47.21 0.83 0.00
BOONVILLE_115KV_TB1 79983	49.00 0.56 0.00	42.15 0.45 0.00	45.65 0.40 0.00	42.25 0.36 0.00	37.96 0.38 0.00	37.37 0.41 0.00	34.88 0.36 0.00	52.16 0.46 0.00	43.65 0.43 0.00	42.04 0.42 0.00	45.18 0.41 0.00	48.47 0.38 0.00	54.27 0.51 0.00	48.77 0.53 0.00	52.38 0.34 0.00	45.79 0.16 0.00	206.21 1.23 0.00	67.13 0.83 0.00	67.34 1.10 0.00	58.01 1.00 0.00	57.50 1.03 0.00	35.84 0.60 0.00	40.98 0.50 0.00	46.88 0.49 0.00
BORALEX_4TH_BRANCH 23824	49.81 1.38 0.00	43.24 1.53 0.00	46.96 1.71 0.00	43.38 1.50 0.00	38.89 1.31 0.00	38.26 1.30 0.00	35.82 1.30 0.00	53.52 1.82 0.00	44.46 1.25 0.00	42.89 1.28 0.00	46.23 1.46 0.00	49.88 1.79 0.00	55.70 1.94 0.00	50.06 1.82 0.00	54.26 2.21 0.00	47.82 2.19 0.00	214.24 9.26 0.00	69.33 3.03 0.00	69.68 3.45 0.01	59.91 2.90 0.00	59.19 2.73 0.00	37.16 1.93 0.00	42.40 1.92 0.00	48.24 1.86 0.00
BOWLINE___1 23526	50.40 1.97 0.00	43.62 1.91 0.00	47.03 1.78 0.00	43.47 1.58 0.00	38.97 1.38 0.00	38.27 1.31 0.00	35.82 1.30 0.00	53.72 2.02 0.00	44.88 1.67 0.00	43.40 1.79 0.00	46.84 2.07 0.00	50.47 2.38 0.00	56.54 2.78 0.00	50.88 2.65 0.00	54.84 2.80 0.00	48.10 2.47 0.00	215.34 10.36 0.00	69.95 3.65 0.01	70.20 3.97 0.01	60.40 3.39 0.00	59.58 3.11 0.00	37.32 2.09 0.00	42.66 2.18 0.00	48.52 2.14 0.00
BOWLINE___2 23595	50.40 1.97 0.00	43.62 1.91 0.00	47.03 1.78 0.00	43.47 1.58 0.00	38.97 1.38 0.00	38.27 1.31 0.00	35.82 1.30 0.00	53.72 2.02 0.00	44.88 1.67 0.00	43.40 1.79 0.00	46.84 2.07 0.00	50.47 2.38 0.00	56.54 2.78 0.00	50.88 2.65 0.00	54.84 2.80 0.00	48.10 2.47 0.00	215.34 10.36 0.00	69.95 3.65 0.01	70.20 3.97 0.01	60.40 3.39 0.00	59.58 3.11 0.00	37.32 2.09 0.00	42.66 2.18 0.00	48.52 2.14 0.00
BRADY___115KV_TB2 356060	49.79 1.36 0.00	42.34 0.63 0.00	45.84 0.58 0.00	42.42 0.53 0.00	38.08 0.50 0.00	37.44 0.48 0.00	34.99 0.47 0.00	52.44 0.74 0.00	43.87 0.65 0.00	41.93 0.31 0.00	44.92 0.14 0.00	48.25 0.16 0.00	53.74 -0.03 0.00	48.28 0.05 0.00	52.22 0.17 0.00	45.62 0.00 0.00	205.67 0.68 0.00	66.65 0.34 0.00	66.77 0.53 0.00	57.50 0.50 0.00	57.55 1.09 0.00	35.36 0.12 0.00	40.46 -0.02 0.00	46.39 0.00 0.00
BRANSCOMB___SOLAR 323811	50.34 1.91 0.00	43.61 1.90 0.00	47.25 1.99 0.00	43.66 1.78 0.00	39.07 1.49 0.00	38.38 1.43 0.00	35.92 1.40 0.00	53.73 2.03 0.00	44.83 1.62 0.00	43.22 1.61 0.00	46.55 1.77 0.00	50.13 2.04 0.00	56.08 2.32 0.00	50.39 2.15 0.00	54.52 2.48 0.00	47.95 2.32 0.00	214.89 9.91 0.00	69.79 3.49 0.00	70.11 3.89 0.01	60.34 3.33 0.00	59.66 3.19 0.00	37.34 2.11 0.00	42.57 2.09 0.00	48.43 2.04 0.00
BRDGHMPT_69_KV_BK1 55812	50.80 2.36 0.00	43.97 2.27 0.00	47.28 2.03 0.00	43.68 1.80 0.00	39.36 1.77 0.00	38.70 1.74 0.00	36.14 1.63 0.00	54.09 2.39 0.00	45.48 2.27 0.00	44.49 2.35 -0.52	48.58 2.65 -1.16	50.58 2.74 0.25	23.18 3.82 34.39	53.14 3.31 -1.59	56.10 3.46 -0.60	51.27 3.30 -2.34	222.54 7.81 -9.74	76.49 5.35 -4.84	74.86 7.18 -1.45	70.34 6.11 -7.22	71.87 5.73 -9.68	32.99 3.79 6.04	44.43 3.94 0.00	50.52 4.13 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	51.27 2.83 0.00	44.48 2.77 0.00	47.86 2.61 0.00	44.22 2.33 0.00	39.80 2.21 0.00	39.13 2.17 0.00	36.58 2.06 0.00	54.70 3.00 0.00	45.95 2.74 0.00	45.00 2.77 -0.61	49.39 3.18 -1.44	51.47 3.38 0.00	27.25 4.14 30.65	53.98 3.81 -1.93	56.89 3.95 -0.89	52.38 3.60 -3.15	226.84 11.93 -9.92	76.29 4.83 -5.16	73.38 5.62 -1.53	69.23 4.89 -7.34	70.82 4.50 -9.86	34.27 3.35 4.31	43.90 3.42 0.00	50.03 3.64 0.00
BRISTLHL_115KV_TB1 79998	46.99 -1.44 0.00	40.60 -1.11 0.00	44.03 -1.23 0.00	40.71 -1.17 0.00	36.53 -1.05 0.00	35.97 -0.99 0.00	33.63 -0.89 0.00	50.37 -1.33 0.00	41.98 -1.23 0.00	40.45 -1.17 0.00	43.45 -1.33 0.00	46.52 -1.58 0.00	52.06 -1.70 0.00	46.68 -1.55 0.00	50.23 -1.81 0.00	44.08 -1.55 0.00	198.06 -6.92 0.00	64.06 -2.24 0.00	64.07 -2.16 0.00	55.25 -1.76 0.00	54.64 -1.82 0.00	34.24 -1.00 0.00	39.39 -1.09 0.00	45.26 -1.13 0.00
BROOKHAVEN___DRP 24191	51.03 2.59 0.00	44.26 2.55 0.00	47.60 2.34 0.00	43.98 2.09 0.00	39.58 2.00 0.00	38.92 1.96 0.00	36.36 1.85 0.00	54.39 2.69 0.00	45.69 2.48 0.00	44.65 2.52 -0.51	48.81 2.89 -1.15	50.85 3.02 0.26	23.16 3.90 34.50	53.32 3.51 -1.58	56.28 3.65 -0.59	51.33 3.39 -2.31	224.73 10.01 -9.74	76.16 5.03 -4.83	73.79 6.11 -1.45	69.36 5.13 -7.21	70.99 4.85 -9.67	32.49 3.34 6.08	43.88 3.40 0.00	50.04 3.65 0.00
BROOKLYN_NAVY_YARD 23515	50.72 2.29 0.00	43.86 2.16 0.00	47.32 2.06 0.00	43.74 1.86 0.00	39.22 1.63 0.00	38.50 1.54 0.00	36.14 1.62 0.00	54.15 2.45 0.00	45.33 2.12 0.00	43.93 2.31 0.00	47.34 2.57 0.00	51.00 2.91 0.00	91.86 3.37 -34.73	51.62 3.19 -0.19	55.97 3.30 -0.63	49.97 2.96 -1.38	217.10 12.12 0.00	71.49 4.26 -0.93	70.82 4.59 0.01	60.90 3.89 0.00	60.07 3.61 0.00	52.27 2.45 -14.58	43.18 2.70 0.00	49.06 2.68 0.00
BROOKLYN___ARMY_DRP 323595	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
BROOME_2_LFGE 323671	47.97 -0.46 0.00	41.57 -0.14 0.00	45.01 -0.25 0.00	41.63 -0.26 0.00	37.38 -0.21 0.00	36.77 -0.19 0.00	34.45 -0.07 0.00	51.70 0.00 0.00	42.90 -0.31 0.00	41.37 -0.24 0.00	44.58 -0.20 0.00	47.60 -0.49 0.00	53.30 -0.46 0.00	47.78 -0.46 0.00	51.42 -0.62 0.00	45.16 -0.47 0.00	204.15 -0.83 0.00	65.60 -0.66 0.04	65.73 -0.45 0.06	56.72 -0.29 0.00	55.96 -0.50 0.00	35.19 -0.04 0.00	40.42 -0.06 0.00	46.36 -0.03 0.00
BROOME___LFGE 323600	47.97 -0.46 0.00	41.57 -0.14 0.00	45.01 -0.25 0.00	41.63 -0.26 0.00	37.38 -0.21 0.00	36.77 -0.19 0.00	34.45 -0.07 0.00	51.70 0.00 0.00	42.90 -0.31 0.00	41.37 -0.24 0.00	44.58 -0.20 0.00	47.60 -0.49 0.00	53.30 -0.46 0.00	47.78 -0.46 0.00	51.42 -0.62 0.00	45.16 -0.47 0.00	204.15 -0.83 0.00	65.60 -0.66 0.04	65.73 -0.45 0.06	56.72 -0.29 0.00	55.96 -0.50 0.00	35.19 -0.04 0.00	40.42 -0.06 0.00	46.36 -0.03 0.00
BROWNFLS_115KV_TB 3_5 80003	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.68 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.51 -5.47 0.00	65.15 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.26 0.00	34.69 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
BROWNSV1_27_KV_LOAD 356125	51.26 2.83 0.00	44.33 2.62 0.00	47.77 2.51 0.00	44.16 2.27 0.00	39.59 2.00 0.00	38.87 1.91 0.00	36.41 1.89 0.00	54.57 2.87 0.00	45.70 2.49 0.00	44.29 2.68 0.00	47.77 3.00 0.00	51.46 3.37 0.00	57.73 3.97 0.00	51.91 3.67 0.00	55.85 3.80 0.00	49.05 3.43 0.00	219.20 14.23 0.00	71.24 4.94 0.01	71.52 5.30 0.01	61.52 4.51 0.00	60.68 4.22 0.00	38.06 2.82 0.00	43.54 3.05 0.00	49.48 3.09 0.00
BURROWS___LYONSDAL 23803	48.86 0.43 0.00	41.99 0.29 0.00	45.47 0.21 0.00	42.09 0.21 0.00	37.84 0.25 0.00	37.25 0.29 0.00	34.74 0.22 0.00	51.92 0.22 0.00	43.47 0.26 0.00	41.87 0.25 0.00	44.99 0.22 0.00	48.25 0.16 0.00	54.01 0.24 0.00	48.53 0.29 0.00	52.09 0.05 0.00	45.47 -0.15 0.00	204.73 -0.25 0.00	66.81 0.51 0.00	67.07 0.84 0.00	57.81 0.80 0.00	57.35 0.88 0.00	35.71 0.47 0.00	40.79 0.31 0.00	46.67 0.28 0.00
CAITHNESS_CC_1 323624	50.95 2.52 0.00	44.20 2.49 0.00	47.54 2.29 0.00	43.92 2.04 0.00	39.54 1.96 0.00	38.87 1.91 0.00	36.31 1.80 0.00	54.31 2.61 0.00	45.64 2.43 0.00	44.61 2.48 -0.51	48.75 2.83 -1.14	50.82 3.00 0.27	22.82 3.64 34.59	53.25 3.44 -1.57	56.20 3.58 -0.58	51.23 3.31 -2.29	224.52 9.80 -9.73	76.02 4.90 -4.82	73.56 5.88 -1.44	69.17 4.95 -7.21	70.79 4.66 -9.67	32.29 3.18 6.12	43.76 3.28 0.00	49.91 3.53 0.00
CALPINE BETH_PAGE_GT4 24209	50.89 2.46 0.00	44.13 2.42 0.00	47.49 2.24 0.00	43.88 2.00 0.00	39.50 1.91 0.00	38.84 1.88 0.00	36.30 1.78 0.00	54.33 2.63 0.00	45.60 2.39 0.00	45.92 2.48 -1.82	52.68 2.83 -5.08	54.42 3.08 -3.25	69.65 3.74 -12.15	57.95 3.37 -6.34	60.23 3.57 -4.62	62.30 3.19 -13.49	227.71 10.41 -12.32	80.01 4.43 -9.28	73.80 4.96 -2.60	70.22 4.21 -9.00	72.67 3.93 -12.27	54.19 2.77 -16.19	43.45 2.97 0.00	49.46 3.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.89 2.46 0.00	44.13 2.42 0.00	47.49 2.23 0.00	43.88 2.00 0.00	39.51 1.92 0.00	38.84 1.88 0.00	36.30 1.78 0.00	54.32 2.63 0.00	45.60 2.39 0.00	45.92 2.49 -1.82	52.68 2.83 -5.08	54.44 3.09 -3.25	69.61 3.69 -12.15	57.96 3.37 -6.34	60.22 3.56 -4.62	62.31 3.19 -13.49	227.71 10.41 -12.32	80.01 4.43 -9.28	73.80 4.96 -2.60	70.22 4.21 -9.00	72.66 3.93 -12.27	54.17 2.74 -16.19	43.45 2.97 0.00	49.46 3.07 0.00
CALPINE_BP_GT1 23823	50.89 2.46 0.00	44.13 2.42 0.00	47.49 2.23 0.00	43.88 2.00 0.00	39.51 1.92 0.00	38.84 1.88 0.00	36.30 1.78 0.00	54.32 2.63 0.00	45.60 2.39 0.00	45.92 2.49 -1.82	52.68 2.83 -5.08	54.44 3.09 -3.25	69.61 3.69 -12.15	57.96 3.37 -6.34	60.22 3.56 -4.62	62.31 3.19 -13.49	227.71 10.41 -12.32	80.01 4.43 -9.28	73.80 4.96 -2.60	70.22 4.21 -9.00	72.66 3.93 -12.27	54.17 2.74 -16.19	43.45 2.97 0.00	49.46 3.07 0.00
CALSPAN___DRP 24200	45.46 -2.97 0.00	39.65 -2.06 0.00	43.19 -2.07 0.00	39.69 -2.20 0.00	35.67 -1.92 0.00	35.14 -1.81 0.00	33.09 -1.43 0.00	49.53 -2.17 0.00	40.47 -2.74 0.00	38.98 -2.64 0.00	41.75 -3.03 0.00	44.02 -4.07 0.00	49.00 -4.76 0.00	44.34 -3.89 0.00	47.67 -4.38 0.00	41.90 -3.73 0.00	189.27 -15.71 0.00	58.63 -6.37 1.30	57.79 -6.31 2.14	51.25 -4.93 0.83	47.29 -5.05 4.13	32.75 -2.48 0.00	37.84 -2.64 0.00	44.23 -2.15 0.00

CALVERTON___SOLAR 323806	51.09 2.66 0.00	44.30 2.59 0.00	47.63 2.38 0.00	44.01 2.13 0.00	39.62 2.04 0.00	38.95 2.00 0.00	36.39 1.87 0.00	54.42 2.72 0.00	45.72 2.51 0.00	44.69 2.56 -0.52	48.83 2.90 -1.15	50.87 3.04 0.26	23.03 3.73 34.47	53.37 3.55 -1.58	56.35 3.71 -0.59	51.39 3.44 -2.32	224.74 10.02 -9.74	76.35 5.21 -4.83	74.02 6.34 -1.45	69.58 5.35 -7.21	71.18 5.04 -9.68	32.57 3.41 6.07	44.01 3.52 0.00	50.17 3.78 0.00
CANDIGU_WT_PWR 323617	46.52 -1.91 0.00	40.58 -1.13 0.00	43.86 -1.40 0.00	40.39 -1.49 0.00	36.24 -1.34 0.00	35.67 -1.29 0.00	33.55 -0.97 0.00	50.35 -1.35 0.00	41.43 -1.78 0.00	40.01 -1.61 0.00	43.11 -1.67 0.00	45.70 -2.39 0.00	51.12 -2.64 0.00	45.76 -2.47 0.00	49.22 -2.82 0.00	43.24 -2.39 0.00	196.56 -8.42 0.00	56.48 -3.61 6.21	52.33 -3.45 10.45	49.64 -2.78 4.59	30.53 -3.07 22.86	33.80 -1.43 0.00	38.89 -1.60 0.00	44.99 -1.40 0.00
CARR STREET_E_SYR 24060	47.43 -1.00 0.00	41.00 -0.71 0.00	44.46 -0.79 0.00	41.12 -0.77 0.00	36.91 -0.68 0.00	36.32 -0.64 0.00	33.97 -0.55 0.00	50.90 -0.80 0.00	42.38 -0.83 0.00	40.84 -0.77 0.00	43.88 -0.89 0.00	47.00 -1.09 0.00	52.60 -1.16 0.00	47.17 -1.07 0.00	50.76 -1.28 0.00	44.56 -1.07 0.00	200.29 -4.69 0.00	64.72 -1.59 0.00	64.75 -1.49 0.00	55.79 -1.22 0.00	55.16 -1.31 0.00	34.59 -0.64 0.00	39.80 -0.68 0.00	45.74 -0.65 0.00
CARTHAGE___PAPER 23857	48.91 0.48 0.00	41.88 0.17 0.00	45.31 0.06 0.00	41.97 0.08 0.00	37.76 0.18 0.00	37.21 0.25 0.00	34.65 0.13 0.00	51.65 -0.05 0.00	43.38 0.17 0.00	41.72 0.10 0.00	44.73 -0.05 0.00	47.86 -0.23 0.00	53.50 -0.26 0.00	48.01 -0.23 0.00	51.54 -0.50 0.00	44.63 -0.99 0.00	201.54 -3.43 0.00	66.33 0.03 0.00	66.75 0.52 0.00	57.77 0.77 0.00	57.47 1.01 0.00	35.57 0.34 0.00	40.54 0.06 0.00	46.35 -0.03 0.00
CASSADAGA_WT_PWR 323784	46.08 -2.35 0.00	40.15 -1.56 0.00	43.54 -1.72 0.00	39.95 -1.94 0.00	35.71 -1.87 0.00	35.36 -1.60 0.00	33.31 -1.21 0.00	50.04 -1.66 0.00	40.96 -2.26 0.00	39.48 -2.14 0.00	42.52 -2.25 0.00	44.61 -3.48 0.00	49.88 -3.89 0.00	44.91 -3.33 0.00	48.29 -3.75 0.00	42.29 -3.33 0.00	192.80 -12.18 0.00	59.75 -5.56 0.99	59.09 -5.52 1.62	52.21 -4.19 0.60	49.04 -4.41 3.01	32.79 -2.44 0.00	37.76 -2.72 0.00	44.31 -2.08 0.00
CE_DUNWOOD___DRP 24194	50.61 2.17 0.00	43.80 2.09 0.00	47.21 1.96 0.00	43.64 1.75 0.00	39.12 1.53 0.00	38.42 1.46 0.00	35.96 1.43 0.00	53.87 2.18 0.00	45.04 1.83 0.00	43.58 1.97 0.00	47.01 2.24 0.00	50.66 2.57 0.00	56.79 3.03 0.00	51.08 2.85 0.00	55.03 2.99 0.00	48.29 2.66 0.00	216.04 11.06 0.00	70.19 3.89 0.01	70.45 4.22 0.01	60.60 3.60 0.00	59.80 3.33 0.00	37.49 2.25 0.00	42.86 2.38 0.00	48.73 2.35 0.00
CE_MILLWOOD___DRP 24193	50.52 2.09 0.00	43.73 2.03 0.00	47.14 1.89 0.00	43.58 1.69 0.00	39.07 1.48 0.00	38.36 1.41 0.00	35.91 1.39 0.00	53.81 2.11 0.00	44.98 1.77 0.00	43.52 1.91 0.00	46.93 2.16 0.00	50.57 2.48 0.00	56.71 2.95 0.00	51.00 2.76 0.00	54.96 2.91 0.00	48.22 2.59 0.00	215.75 10.77 0.00	70.09 3.79 0.01	70.34 4.12 0.01	60.52 3.52 0.00	59.71 3.25 0.00	37.42 2.19 0.00	42.79 2.31 0.00	48.65 2.26 0.00
CE_NYC2_DRP 24202	50.84 2.41 0.00	43.96 2.26 0.00	47.40 2.15 0.00	43.85 1.96 0.00	39.32 1.74 0.00	38.62 1.66 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.39 2.18 0.00	44.01 2.39 0.00	47.46 2.68 0.00	51.08 2.99 0.00	57.34 3.58 0.00	51.52 3.28 0.00	55.40 3.36 0.00	48.70 3.08 0.00	217.49 12.51 0.00	70.74 4.44 0.01	70.97 4.75 0.01	61.03 4.02 0.00	60.23 3.76 0.00	37.77 2.54 0.00	43.20 2.72 0.00	49.09 2.70 0.00
CE_NYC_DRP 24195	50.93 2.50 0.00	44.06 2.35 0.00	47.48 2.23 0.00	43.89 2.01 0.00	39.36 1.78 0.00	38.65 1.69 0.00	36.21 1.69 0.00	54.24 2.54 0.00	45.42 2.21 0.00	44.00 2.39 0.00	47.47 2.70 0.00	51.12 3.03 0.00	57.34 3.58 0.00	51.55 3.31 0.00	55.48 3.44 0.00	48.71 3.09 0.00	217.69 12.71 0.00	70.74 4.45 0.01	71.01 4.78 0.01	61.08 4.08 0.00	60.24 3.78 0.00	38.19 2.56 -0.40	43.23 2.75 0.00	49.14 2.76 0.00
CHAFFEE___LFGE 323603	45.60 -2.83 0.00	39.79 -1.92 0.00	43.32 -1.93 0.00	39.79 -2.10 0.00	35.73 -1.85 0.00	35.25 -1.71 0.00	33.20 -1.32 0.00	49.72 -1.98 0.00	40.67 -2.54 0.00	39.17 -2.45 0.00	41.97 -2.80 0.00	44.27 -3.82 0.00	49.44 -4.32 0.00	44.58 -3.66 0.00	47.92 -4.12 0.00	42.12 -3.50 0.00	190.39 -14.59 0.00	59.25 -5.95 1.10	58.63 -5.82 1.80	51.77 -4.55 0.68	48.43 -4.64 3.39	32.99 -2.24 0.00	38.08 -2.40 0.00	44.44 -1.95 0.00
CHATEAUG_35_KV_LOAD 355732	49.54 1.10 0.00	42.19 0.48 0.00	45.65 0.39 0.00	42.21 0.32 0.00	37.87 0.29 0.00	37.26 0.30 0.00	34.88 0.36 0.00	52.31 0.61 0.00	43.79 0.58 0.00	41.98 0.36 0.00	45.07 0.30 0.00	48.41 0.32 0.00	53.93 0.17 0.00	48.39 0.15 0.00	52.41 0.36 0.00	45.81 0.19 0.00	206.45 1.47 0.00	66.67 0.36 0.00	66.72 0.48 0.00	57.58 0.58 0.00	57.21 0.74 0.00	35.08 -0.15 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00
CHATEAUG_WT_PWR 323614	49.46 1.03 0.00	42.15 0.45 0.00	45.62 0.36 0.00	42.17 0.29 0.00	37.86 0.28 0.00	37.24 0.28 0.00	34.85 0.33 0.00	52.28 0.58 0.00	43.77 0.56 0.00	42.00 0.39 0.00	45.14 0.37 0.00	48.47 0.38 0.00	54.01 0.25 0.00	48.45 0.22 0.00	52.47 0.43 0.00	45.89 0.27 0.00	206.67 1.69 0.00	66.73 0.43 0.00	66.72 0.49 0.00	57.53 0.53 0.00	57.12 0.65 0.00	35.07 -0.16 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00
CHAT_HIGH_FALL_HYD 323578	49.54 1.10 0.00	42.19 0.48 0.00	45.65 0.39 0.00	42.21 0.32 0.00	37.87 0.29 0.00	37.26 0.30 0.00	34.88 0.36 0.00	52.31 0.61 0.00	43.79 0.58 0.00	41.98 0.36 0.00	45.07 0.30 0.00	48.41 0.32 0.00	53.93 0.17 0.00	48.39 0.15 0.00	52.41 0.36 0.00	45.81 0.19 0.00	206.45 1.47 0.00	66.67 0.36 0.00	66.72 0.48 0.00	57.58 0.58 0.00	57.21 0.74 0.00	35.08 -0.15 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00
CHAUTAUQUA___LFGE 323629	45.84 -2.59 0.00	39.98 -1.73 0.00	43.44 -1.82 0.00	39.93 -1.96 0.00	35.76 -1.82 0.00	35.28 -1.67 0.00	33.27 -1.25 0.00	49.96 -1.74 0.00	40.83 -2.38 0.00	39.35 -2.27 0.00	42.33 -2.45 0.00	44.46 -3.63 0.00	49.75 -4.01 0.00	44.81 -3.43 0.00	48.15 -3.89 0.00	42.24 -3.38 0.00	192.53 -12.45 0.00	59.49 -5.63 1.18	58.75 -5.55 1.94	52.01 -4.26 0.74	48.28 -4.49 3.69	32.95 -2.28 0.00	38.02 -2.46 0.00	44.41 -1.98 0.00
CHERRYST_13_KV_LD 356241	51.06 2.63 0.00	44.16 2.46 0.00	47.61 2.36 0.00	44.00 2.11 0.00	39.46 1.87 0.00	38.75 1.79 0.00	36.31 1.79 0.00	54.39 2.69 0.00	45.54 2.33 0.00	44.12 2.51 0.00	47.60 2.83 0.00	51.27 3.18 0.00	57.51 3.74 0.00	51.70 3.46 0.00	55.64 3.60 0.00	48.85 3.23 0.00	218.30 13.32 0.00	70.94 4.65 0.01	71.20 4.98 0.01	61.25 4.24 0.00	60.40 3.94 0.00	37.88 2.65 0.00	43.34 2.85 0.00	49.25 2.87 0.00

CHESTROR_138KV_BK263 355645	50.25 1.81 0.00	43.47 1.76 0.00	46.92 1.66 0.00	43.37 1.49 0.00	38.88 1.30 0.00	38.20 1.24 0.00	35.74 1.22 0.00	53.57 1.87 0.00	44.76 1.55 0.00	43.27 1.66 0.00	46.67 1.90 0.00	50.25 2.16 0.00	56.34 2.58 0.00	50.65 2.42 0.00	54.61 2.57 0.00	47.91 2.29 0.00	214.58 9.60 0.00	69.67 3.37 0.01	69.88 3.65 0.01	60.13 3.12 0.00	59.35 2.89 0.00	37.17 1.94 0.00	42.50 2.02 0.00	48.37 1.99 0.00
CH_MIDHUDSON___DRP 24192	50.51 2.08 0.00	43.73 2.02 0.00	47.21 1.96 0.00	43.64 1.75 0.00	39.13 1.54 0.00	38.45 1.49 0.00	35.97 1.45 0.00	53.87 2.18 0.00	45.06 1.85 0.00	43.56 1.95 0.00	46.98 2.21 0.00	50.60 2.51 0.00	56.69 2.93 0.00	50.97 2.73 0.00	55.00 2.95 0.00	48.30 2.67 0.00	216.14 11.16 0.00	70.22 3.93 0.01	70.48 4.25 0.01	60.63 3.62 0.00	59.85 3.39 0.00	37.53 2.29 0.00	42.86 2.38 0.00	48.74 2.35 0.00
CH_MISC_IPPS 23765	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.31 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.18 0.00	47.25 2.47 0.00	50.88 2.79 0.00	56.99 3.22 0.00	51.28 3.04 0.00	55.31 3.27 0.00	48.56 2.93 0.00	217.30 12.32 0.00	70.61 4.32 0.01	70.85 4.63 0.01	60.96 3.95 0.00	60.17 3.71 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00
CH_RES_BVR_FALLS 23983	48.72 0.28 0.00	41.67 -0.04 0.00	45.16 -0.10 0.00	41.79 -0.10 0.00	37.50 -0.09 0.00	36.88 -0.08 0.00	34.43 -0.08 0.00	51.62 -0.07 0.00	43.25 0.04 0.00	41.53 -0.09 0.00	44.64 -0.13 0.00	47.98 -0.11 0.00	53.54 -0.22 0.00	48.05 -0.18 0.00	51.89 -0.16 0.00	45.39 -0.23 0.00	204.26 -0.72 0.00	65.99 -0.32 0.00	65.88 -0.36 0.00	56.75 -0.26 0.00	56.36 -0.11 0.00	34.83 -0.40 0.00	39.99 -0.49 0.00	45.86 -0.53 0.00
CH_RES_NIAGARA 23895	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.74 -3.15 0.00	34.85 -2.74 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.41 0.00	39.63 -3.58 0.00	38.17 -3.44 0.00	40.76 -4.02 0.00	42.92 -5.17 0.00	47.76 -6.00 0.00	43.40 -4.85 0.00	46.66 -5.39 0.00	41.03 -4.59 0.00	184.31 -20.67 0.00	56.97 -8.25 1.08	56.13 -8.35 1.76	49.70 -6.66 0.64	46.54 -6.71 3.21	31.77 -3.46 0.00	36.82 -3.67 0.00	43.18 -3.21 0.00
CH_RES_SYRACUSE 23985	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.55 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.18 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.14 -0.63 0.00	47.28 -0.81 0.00	52.91 -0.85 0.00	47.42 -0.80 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.56 -3.42 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.11 -0.90 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.42 0.00
CLINTON_WT_PWR 323605	49.46 1.03 0.00	42.15 0.45 0.00	45.62 0.36 0.00	42.17 0.29 0.00	37.86 0.28 0.00	37.24 0.28 0.00	34.85 0.33 0.00	52.28 0.58 0.00	43.77 0.56 0.00	42.00 0.39 0.00	45.14 0.37 0.00	48.47 0.38 0.00	54.01 0.25 0.00	48.45 0.22 0.00	52.47 0.43 0.00	45.89 0.27 0.00	206.67 1.69 0.00	66.73 0.43 0.00	66.72 0.49 0.00	57.53 0.53 0.00	57.12 0.65 0.00	35.07 -0.16 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00
CLINTON___LFGE 323618	49.94 1.50 0.00	42.56 0.86 0.00	46.00 0.74 0.00	42.51 0.62 0.00	38.16 0.58 0.00	37.55 0.59 0.00	35.19 0.68 0.00	52.79 1.09 0.00	44.18 0.97 0.00	42.42 0.80 0.00	45.60 0.83 0.00	48.89 0.80 0.00	54.41 0.65 0.00	48.83 0.59 0.00	52.94 0.90 0.00	46.28 0.65 0.00	208.29 3.30 0.00	67.32 1.02 0.00	67.51 1.27 0.00	58.26 1.25 0.00	57.82 1.35 0.00	35.50 0.27 0.00	40.49 0.01 0.00	46.27 -0.12 0.00
COBBLENY_34_KV_TB1 80064	45.60 -2.83 0.00	39.79 -1.91 0.00	43.32 -1.93 0.00	39.80 -2.09 0.00	35.78 -1.81 0.00	35.26 -1.70 0.00	33.20 -1.32 0.00	49.72 -1.98 0.00	40.67 -2.54 0.00	39.18 -2.44 0.00	41.98 -2.79 0.00	44.27 -3.82 0.00	49.31 -4.46 0.00	44.58 -3.66 0.00	47.92 -4.12 0.00	42.12 -3.50 0.00	190.47 -14.51 0.00	59.24 -5.96 1.10	58.59 -5.85 1.80	51.78 -4.55 0.68	48.42 -4.65 3.39	32.99 -2.24 0.00	38.08 -2.40 0.00	44.45 -1.94 0.00
COFFEEN___115KV_TB3 355620	48.69 0.26 0.00	41.72 0.02 0.00	45.13 -0.12 0.00	41.82 -0.07 0.00	37.63 0.05 0.00	37.10 0.14 0.00	34.51 -0.01 0.00	51.40 -0.30 0.00	43.17 -0.05 0.00	41.53 -0.08 0.00	44.54 -0.24 0.00	47.51 -0.58 0.00	53.06 -0.70 0.00	47.60 -0.64 0.00	51.13 -0.91 0.00	44.14 -1.49 0.00	199.30 -5.68 0.00	65.85 -0.45 0.00	66.42 0.19 0.00	57.62 0.61 0.00	57.31 0.84 0.00	35.50 0.27 0.00	40.47 -0.01 0.00	46.25 -0.14 0.00
COLDSPRG_115KV_BK1 355956	46.65 -1.78 0.00	40.74 -0.96 0.00	44.22 -1.03 0.00	40.65 -1.23 0.00	36.48 -1.11 0.00	36.01 -0.95 0.00	33.98 -0.54 0.00	51.11 -0.59 0.00	41.84 -1.37 0.00	40.38 -1.24 0.00	43.43 -1.35 0.00	45.57 -2.52 0.00	50.84 -2.92 0.00	45.71 -2.53 0.00	49.14 -2.90 0.00	43.11 -2.51 0.00	196.03 -8.95 0.00	61.46 -4.15 0.70	61.26 -3.85 1.13	53.84 -2.77 0.39	51.51 -3.01 1.95	33.78 -1.46 0.00	38.89 -1.59 0.00	45.43 -0.96 0.00
COLONIE_LFGE___ 323577	49.53 1.10 0.00	42.91 1.20 0.00	46.52 1.27 0.00	43.03 1.14 0.00	38.58 1.00 0.00	37.95 0.99 0.00	35.47 0.95 0.00	53.02 1.32 0.00	44.22 1.01 0.00	42.66 1.05 0.00	45.93 1.16 0.00	49.51 1.42 0.00	55.36 1.60 0.00	49.75 1.51 0.00	53.83 1.78 0.00	47.34 1.72 0.00	212.06 7.08 0.00	68.76 2.46 0.00	69.03 2.80 0.01	59.37 2.37 0.00	58.67 2.21 0.00	36.79 1.56 0.00	41.99 1.51 0.00	47.83 1.44 0.00
COOPERNY_115KV_TB1 80082	49.74 1.31 0.00	43.00 1.30 0.00	46.48 1.23 0.00	43.01 1.12 0.00	38.56 0.98 0.00	37.89 0.93 0.00	35.42 0.90 0.00	53.09 1.40 0.00	44.35 1.14 0.00	42.84 1.22 0.00	46.18 1.40 0.00	49.67 1.58 0.00	55.63 1.87 0.00	50.00 1.76 0.00	53.89 1.85 0.00	47.28 1.66 0.00	211.90 6.92 0.00	68.72 2.43 0.01	68.88 2.66 0.01	59.27 2.26 0.00	58.56 2.09 0.00	36.67 1.44 0.00	41.99 1.50 0.00	47.86 1.47 0.00
COPENHAGEN_WT_PWR 323753	48.41 -0.02 0.00	41.48 -0.23 0.00	44.87 -0.39 0.00	41.57 -0.31 0.00	37.41 -0.17 0.00	36.89 -0.07 0.00	34.27 -0.25 0.00	50.98 -0.72 0.00	42.88 -0.33 0.00	41.30 -0.32 0.00	44.29 -0.49 0.00	47.34 -0.75 0.00	52.90 -0.86 0.00	47.45 -0.78 0.00	50.88 -1.16 0.00	43.96 -1.66 0.00	198.57 -6.41 0.00	65.43 -0.88 0.00	65.91 -0.32 0.00	57.11 0.10 0.00	56.75 0.28 0.00	35.14 -0.10 0.00	40.06 -0.43 0.00	45.83 -0.56 0.00
CORNELL_____ 23752	48.67 0.24 0.00	42.08 0.38 0.00	45.59 0.34 0.00	42.16 0.28 0.00	37.86 0.27 0.00	37.23 0.27 0.00	34.89 0.37 0.00	52.33 0.63 0.00	43.48 0.27 0.00	41.89 0.28 0.00	45.15 0.38 0.00	48.29 0.20 0.00	53.98 0.22 0.00	48.39 0.15 0.00	52.17 0.12 0.00	45.84 0.21 0.00	206.74 1.76 0.00	67.04 0.39 -0.35	67.45 0.62 -0.59	57.90 0.60 -0.28	58.33 0.44 -1.43	35.69 0.46 0.00	40.93 0.45 0.00	46.92 0.53 0.00

CORONA__69_KV_TB1 355595	51.08 2.64 0.00	44.26 2.55 0.00	47.64 2.39 0.00	44.00 2.12 0.00	39.62 2.03 -0.01	38.97 2.01 0.00	36.42 1.90 0.00	54.49 2.79 0.00	45.69 2.48 0.00	57.17 2.61 -12.94	87.14 3.04 -39.33	87.79 3.30 -36.40	445.73 3.92 -388.05	98.68 3.53 -46.91	94.42 3.69 -38.68	157.09 3.37 -108.09	235.62 12.23 -18.41	109.23 4.83 -38.10	82.07 5.35 -10.49	74.79 4.61 -13.17	79.95 4.33 -19.15	151.02 2.97 -112.83	43.54 3.06 0.00	49.59 3.20 0.00
CORTLAND__115KV_TB3 80093	48.31 -0.12 0.00	41.78 0.07 0.00	45.25 0.00 0.00	41.86 -0.03 0.00	37.58 -0.01 0.00	36.97 0.01 0.00	34.61 0.09 0.00	51.88 0.18 0.00	43.15 -0.06 0.00	41.60 -0.02 0.00	44.77 0.00 0.00	47.92 -0.17 0.00	53.65 -0.11 0.00	48.12 -0.12 0.00	51.80 -0.24 0.00	45.48 -0.14 0.00	205.10 0.12 0.00	66.18 -0.11 0.02	66.28 0.07 0.02	57.13 0.12 0.00	56.43 -0.03 0.00	35.39 0.16 0.00	40.62 0.14 0.00	46.57 0.18 0.00
COXSACKIE__GT 23611	50.18 1.75 0.00	43.40 1.69 0.00	47.01 1.75 0.00	43.53 1.65 0.00	39.13 1.54 0.00	38.48 1.52 0.00	35.94 1.42 0.00	53.74 2.05 0.00	45.03 1.82 0.00	43.38 1.76 0.00	46.63 1.85 0.00	50.32 2.23 0.00	56.53 2.77 0.00	50.55 2.31 0.00	54.82 2.77 0.00	48.26 2.63 0.00	210.59 5.61 0.00	68.94 2.65 0.00	70.44 4.21 0.01	60.64 3.63 0.00	59.88 3.42 0.00	37.45 2.22 0.00	42.69 2.21 0.00	48.58 2.19 0.00
CPV_VALLEY__CC1 323721	50.05 1.61 0.00	43.29 1.59 0.00	46.75 1.49 0.00	43.23 1.34 0.00	38.77 1.18 0.00	38.08 1.12 0.00	35.61 1.09 0.00	53.38 1.69 0.00	44.60 1.38 0.00	43.10 1.49 0.00	46.49 1.71 0.00	50.05 1.96 0.00	56.06 2.30 0.00	50.41 2.18 0.00	54.35 2.31 0.00	47.69 2.06 0.00	213.55 8.57 0.00	69.32 3.02 0.01	69.53 3.30 0.01	59.83 2.82 0.00	59.06 2.60 0.00	37.00 1.77 0.00	42.31 1.83 0.00	48.19 1.80 0.00
CPV_VALLEY__CC2 323722	50.05 1.61 0.00	43.29 1.59 0.00	46.75 1.49 0.00	43.23 1.34 0.00	38.77 1.18 0.00	38.08 1.12 0.00	35.61 1.09 0.00	53.38 1.69 0.00	44.60 1.38 0.00	43.10 1.49 0.00	46.49 1.71 0.00	50.05 1.96 0.00	56.06 2.30 0.00	50.41 2.18 0.00	54.35 2.31 0.00	47.69 2.06 0.00	213.55 8.57 0.00	69.32 3.02 0.01	69.53 3.30 0.01	59.83 2.82 0.00	59.06 2.60 0.00	37.00 1.77 0.00	42.31 1.83 0.00	48.19 1.80 0.00
CRESCENT__HYD 24018	49.53 1.10 0.00	42.91 1.20 0.00	46.52 1.27 0.00	43.03 1.14 0.00	38.58 1.00 0.00	37.95 0.99 0.00	35.47 0.95 0.00	53.02 1.32 0.00	44.22 1.01 0.00	42.66 1.05 0.00	45.93 1.16 0.00	49.51 1.42 0.00	55.36 1.60 0.00	49.75 1.51 0.00	53.83 1.78 0.00	47.34 1.72 0.00	212.06 7.08 0.00	68.76 2.46 0.00	69.03 2.80 0.01	59.37 2.37 0.00	58.67 2.21 0.00	36.79 1.56 0.00	41.99 1.51 0.00	47.83 1.44 0.00
CRICKET__VALLEY_CC1 323756	50.06 1.63 0.00	43.42 1.71 0.00	46.89 1.64 0.00	43.33 1.45 0.00	38.86 1.27 0.00	38.19 1.23 0.00	35.75 1.23 0.00	53.48 1.78 0.00	44.70 1.49 0.00	43.17 1.55 0.00	46.54 1.77 0.00	50.16 2.07 0.00	56.15 2.39 0.00	50.49 2.25 0.00	54.52 2.47 0.00	47.94 2.31 0.00	214.56 9.58 0.00	69.74 3.44 0.01	70.04 3.82 0.01	60.24 3.23 0.00	59.48 3.01 0.00	37.34 2.11 0.00	42.61 2.13 0.00	48.44 2.05 0.00
CRICKET__VALLEY_CC2 323757	50.06 1.63 0.00	43.42 1.71 0.00	46.89 1.64 0.00	43.33 1.45 0.00	38.86 1.27 0.00	38.19 1.23 0.00	35.75 1.23 0.00	53.48 1.78 0.00	44.70 1.49 0.00	43.17 1.55 0.00	46.54 1.77 0.00	50.16 2.07 0.00	56.15 2.39 0.00	50.49 2.25 0.00	54.52 2.47 0.00	47.94 2.31 0.00	214.56 9.58 0.00	69.74 3.44 0.01	70.04 3.82 0.01	60.24 3.23 0.00	59.48 3.01 0.00	37.34 2.11 0.00	42.61 2.13 0.00	48.44 2.05 0.00
CRICKET__VALLEY_CC3 323758	50.06 1.63 0.00	43.42 1.71 0.00	46.89 1.64 0.00	43.33 1.45 0.00	38.86 1.27 0.00	38.19 1.23 0.00	35.75 1.23 0.00	53.48 1.78 0.00	44.70 1.49 0.00	43.17 1.55 0.00	46.54 1.77 0.00	50.16 2.07 0.00	56.15 2.39 0.00	50.49 2.25 0.00	54.52 2.47 0.00	47.94 2.31 0.00	214.56 9.58 0.00	69.74 3.44 0.01	70.04 3.82 0.01	60.24 3.23 0.00	59.48 3.01 0.00	37.34 2.11 0.00	42.61 2.13 0.00	48.44 2.05 0.00
CRUCIBLE_METL_DRP 24180	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
DAHOWA__HYDRO 323763	50.51 2.08 0.00	43.77 2.06 0.00	47.41 2.16 0.00	43.80 1.91 0.00	39.18 1.60 0.00	38.48 1.52 0.00	36.02 1.51 0.00	53.90 2.20 0.00	45.00 1.79 0.00	43.38 1.77 0.00	46.73 1.96 0.00	50.33 2.24 0.00	56.30 2.54 0.00	50.57 2.33 0.00	54.73 2.69 0.00	48.12 2.50 0.00	215.78 10.80 0.00	70.07 3.77 0.00	70.46 4.23 0.01	60.66 3.65 0.00	59.94 3.47 0.00	37.52 2.29 0.00	42.73 2.25 0.00	48.57 2.19 0.00
DANC__LFGE 323619	47.90 -0.54 0.00	41.17 -0.54 0.00	44.57 -0.68 0.00	41.27 -0.62 0.00	37.10 -0.48 0.00	36.56 -0.40 0.00	34.02 -0.50 0.00	50.75 -0.95 0.00	42.53 -0.68 0.00	41.00 -0.61 0.00	43.99 -0.79 0.00	47.08 -1.01 0.00	52.59 -1.17 0.00	47.19 -1.05 0.00	50.67 -1.38 0.00	44.02 -1.60 0.00	198.44 -6.54 0.00	64.89 -1.41 0.00	65.22 -1.01 0.00	56.42 -0.59 0.00	55.95 -0.52 0.00	34.80 -0.43 0.00	39.81 -0.67 0.00	45.62 -0.76 0.00
DANSKAMMER__1 23586	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.31 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.18 0.00	47.25 2.47 0.00	50.88 2.79 0.00	56.99 3.22 0.00	51.28 3.04 0.00	55.31 3.27 0.00	48.56 2.93 0.00	217.30 12.32 0.00	70.61 4.32 0.01	70.85 4.63 0.01	60.96 3.95 0.00	60.17 3.71 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00
DANSKAMMER__2 23589	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.31 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.18 0.00	47.25 2.47 0.00	50.88 2.79 0.00	56.99 3.22 0.00	51.28 3.04 0.00	55.31 3.27 0.00	48.56 2.93 0.00	217.30 12.32 0.00	70.61 4.32 0.01	70.85 4.63 0.01	60.96 3.95 0.00	60.17 3.71 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00
DANSKAMMER__3 23590	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.31 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.18 0.00	47.25 2.47 0.00	50.88 2.79 0.00	56.99 3.22 0.00	51.28 3.04 0.00	55.31 3.27 0.00	48.56 2.93 0.00	217.30 12.32 0.00	70.61 4.32 0.01	70.85 4.63 0.01	60.96 3.95 0.00	60.17 3.71 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00

DANSKAMMER___4 23591	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.31 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.18 0.00	47.25 2.47 0.00	50.88 2.79 0.00	56.99 3.22 0.00	51.28 3.04 0.00	55.31 3.27 0.00	48.56 2.93 0.00	217.30 12.32 0.00	70.61 4.32 0.01	70.85 4.63 0.01	60.96 3.95 0.00	60.17 3.71 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00
DANSKAMMER___DIESEL 23592	50.78 2.35 0.00	43.95 2.24 0.00	47.42 2.16 0.00	43.84 1.95 0.00	39.30 1.72 0.00	38.62 1.66 0.00	36.13 1.61 0.00	54.15 2.45 0.00	45.28 2.07 0.00	43.80 2.19 0.00	47.25 2.48 0.00	50.88 2.79 0.00	57.01 3.25 0.00	51.28 3.04 0.00	55.32 3.27 0.00	48.55 2.93 0.00	217.31 12.33 0.00	70.62 4.32 0.01	70.85 4.62 0.01	60.96 3.95 0.00	60.17 3.70 0.00	37.70 2.47 0.00	43.06 2.58 0.00	48.97 2.58 0.00
DARBY___SOLAR 323810	50.39 1.96 0.00	43.66 1.95 0.00	47.29 2.04 0.00	43.70 1.82 0.00	39.10 1.52 0.00	38.40 1.44 0.00	35.95 1.43 0.00	53.78 2.08 0.00	44.87 1.66 0.00	43.26 1.65 0.00	46.59 1.81 0.00	50.18 2.09 0.00	56.14 2.38 0.00	50.43 2.19 0.00	54.57 2.52 0.00	47.98 2.35 0.00	215.07 10.09 0.00	69.84 3.54 0.00	70.18 3.95 0.01	60.41 3.40 0.00	59.71 3.25 0.00	37.38 2.15 0.00	42.60 2.13 0.00	48.45 2.06 0.00
DASHVILLE___HYD 23610	50.36 1.93 0.00	43.58 1.88 0.00	47.05 1.79 0.00	43.50 1.62 0.00	39.00 1.41 0.00	38.33 1.37 0.00	35.83 1.31 0.00	53.67 1.97 0.00	44.90 1.68 0.00	43.42 1.81 0.00	46.84 2.07 0.00	50.44 2.35 0.00	56.52 2.76 0.00	50.82 2.59 0.00	54.83 2.78 0.00	48.13 2.50 0.00	215.34 10.36 0.00	69.94 3.65 0.01	70.21 3.98 0.01	60.38 3.38 0.00	59.63 3.16 0.00	37.37 2.14 0.00	42.70 2.22 0.00	48.58 2.19 0.00
DELAWARE___LFGE 323621	49.46 1.02 0.00	42.74 1.03 0.00	46.32 1.07 0.00	42.93 1.04 0.00	38.51 0.92 0.00	37.87 0.91 0.00	35.33 0.81 0.00	52.98 1.29 0.00	44.22 1.01 0.00	42.67 1.06 0.00	45.94 1.17 0.00	49.29 1.20 0.00	55.20 1.43 0.00	49.56 1.32 0.00	53.41 1.36 0.00	46.85 1.22 0.00	210.32 5.34 0.00	68.06 1.77 0.02	68.17 1.96 0.03	58.63 1.62 0.00	57.95 1.49 0.00	36.33 1.09 0.00	41.59 1.11 0.00	47.56 1.17 0.00
DERFIELD_115KV_TB7 355931	48.32 -0.11 0.00	41.69 -0.02 0.00	45.21 -0.04 0.00	41.84 -0.04 0.00	37.55 -0.04 0.00	36.92 -0.04 0.00	34.48 -0.03 0.00	51.64 -0.06 0.00	43.13 -0.08 0.00	41.56 -0.05 0.00	44.73 -0.05 0.00	48.04 -0.05 0.00	53.75 -0.01 0.00	48.24 0.00 0.00	52.01 -0.04 0.00	45.62 0.00 0.00	204.80 -0.18 0.00	66.31 0.00 0.00	66.33 0.09 0.00	57.06 0.06 0.00	56.47 0.01 0.00	35.32 0.09 0.00	40.52 0.04 0.00	46.39 0.00 0.00
DOGLEVILLE___HYD 23807	47.38 -1.05 0.00	41.01 -0.69 0.00	44.44 -0.81 0.00	41.12 -0.77 0.00	36.92 -0.66 0.00	36.27 -0.69 0.00	33.70 -0.81 0.00	50.40 -1.30 0.00	41.97 -1.24 0.00	40.53 -1.08 0.00	43.65 -1.13 0.00	47.12 -0.96 0.00	52.94 -0.82 0.00	47.41 -0.83 0.00	51.41 -0.64 0.00	45.27 -0.36 0.00	203.06 -1.92 0.00	65.85 -0.45 0.00	66.27 0.04 0.00	56.97 -0.04 0.00	56.20 -0.27 0.00	35.17 -0.06 0.00	39.96 -0.53 0.00	45.22 -1.17 0.00
DUNKIRK__115KV_TB_200 55889	45.82 -2.61 0.00	39.97 -1.73 0.00	43.43 -1.83 0.00	39.94 -1.95 0.00	35.81 -1.78 0.00	35.29 -1.67 0.00	33.28 -1.24 0.00	49.97 -1.73 0.00	40.82 -2.39 0.00	39.36 -2.26 0.00	42.33 -2.44 0.00	44.48 -3.61 0.00	49.65 -4.11 0.00	44.82 -3.42 0.00	48.14 -3.90 0.00	42.25 -3.37 0.00	192.56 -12.43 0.00	59.48 -5.63 1.20	58.72 -5.55 1.96	52.01 -4.24 0.75	48.22 -4.49 3.75	32.99 -2.24 0.00	38.06 -2.42 0.00	44.43 -1.96 0.00
DUNKIRK___1 23563	45.82 -2.61 0.00	39.97 -1.73 0.00	43.43 -1.83 0.00	39.94 -1.95 0.00	35.81 -1.78 0.00	35.29 -1.67 0.00	33.28 -1.24 0.00	49.97 -1.73 0.00	40.82 -2.39 0.00	39.36 -2.26 0.00	42.33 -2.44 0.00	44.48 -3.61 0.00	49.65 -4.11 0.00	44.82 -3.42 0.00	48.14 -3.90 0.00	42.25 -3.37 0.00	192.56 -12.43 0.00	59.48 -5.63 1.20	58.72 -5.55 1.96	52.01 -4.24 0.75	48.22 -4.49 3.75	32.99 -2.24 0.00	38.06 -2.42 0.00	44.43 -1.96 0.00
DUNKIRK___2 23564	45.82 -2.61 0.00	39.97 -1.73 0.00	43.43 -1.83 0.00	39.94 -1.95 0.00	35.81 -1.78 0.00	35.29 -1.67 0.00	33.28 -1.24 0.00	49.97 -1.73 0.00	40.82 -2.39 0.00	39.36 -2.26 0.00	42.33 -2.44 0.00	44.48 -3.61 0.00	49.65 -4.11 0.00	44.82 -3.42 0.00	48.14 -3.90 0.00	42.25 -3.37 0.00	192.56 -12.43 0.00	59.48 -5.63 1.20	58.72 -5.55 1.96	52.01 -4.24 0.75	48.22 -4.49 3.75	32.99 -2.24 0.00	38.06 -2.42 0.00	44.43 -1.96 0.00
DUNKIRK___3 23565	45.70 -2.73 0.00	39.87 -1.83 0.00	43.34 -1.91 0.00	39.86 -2.03 0.00	35.77 -1.81 0.00	35.25 -1.71 0.00	33.25 -1.27 0.00	49.86 -1.83 0.00	40.75 -2.47 0.00	39.27 -2.34 0.00	42.20 -2.58 0.00	44.38 -3.70 0.00	49.51 -4.25 0.00	44.68 -3.56 0.00	48.02 -4.03 0.00	42.16 -3.47 0.00	191.74 -13.24 0.00	59.25 -5.78 1.28	58.45 -5.68 2.10	51.83 -4.36 0.81	47.82 -4.59 4.05	32.94 -2.29 0.00	38.04 -2.45 0.00	44.39 -2.00 0.00
DUNKIRK___4 23566	45.70 -2.73 0.00	39.87 -1.83 0.00	43.34 -1.91 0.00	39.86 -2.03 0.00	35.77 -1.81 0.00	35.25 -1.71 0.00	33.25 -1.27 0.00	49.86 -1.83 0.00	40.75 -2.47 0.00	39.27 -2.34 0.00	42.20 -2.58 0.00	44.38 -3.70 0.00	49.51 -4.25 0.00	44.68 -3.56 0.00	48.02 -4.03 0.00	42.16 -3.47 0.00	191.74 -13.24 0.00	59.25 -5.78 1.28	58.45 -5.68 2.10	51.83 -4.36 0.81	47.82 -4.59 4.05	32.94 -2.29 0.00	38.04 -2.45 0.00	44.39 -2.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.74 2.31 0.00	43.91 2.21 0.00	47.33 2.07 0.00	43.74 1.85 0.00	39.22 1.64 0.00	38.53 1.57 0.00	36.09 1.57 0.00	54.08 2.38 0.00	45.24 2.03 0.00	43.79 2.18 0.00	47.25 2.48 0.00	50.88 2.79 0.00	57.06 3.30 0.00	51.30 3.06 0.00	55.26 3.21 0.00	48.52 2.89 0.00	216.89 11.91 0.00	70.50 4.20 0.01	70.75 4.52 0.01	60.86 3.85 0.00	60.06 3.60 0.00	37.66 2.43 0.00	43.07 2.59 0.00	48.97 2.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.50 2.07 0.00	43.70 2.00 0.00	47.16 1.90 0.00	43.60 1.71 0.00	39.09 1.50 0.00	38.40 1.44 0.00	35.92 1.40 0.00	53.85 2.15 0.00	45.02 1.81 0.00	43.53 1.91 0.00	46.95 2.18 0.00	50.56 2.47 0.00	56.66 2.90 0.00	50.97 2.73 0.00	54.97 2.92 0.00	48.23 2.61 0.00	215.95 10.97 0.00	70.14 3.84 0.01	70.37 4.14 0.01	60.53 3.53 0.00	59.76 3.30 0.00	37.44 2.21 0.00	42.78 2.29 0.00	48.66 2.28 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.71 2.28 0.00	43.87 2.16 0.00	47.36 2.11 0.00	43.87 1.99 0.00	39.33 1.75 0.00	38.63 1.67 0.00	36.15 1.63 0.00	54.11 2.41 0.00	45.34 2.13 0.00	43.93 2.32 0.00	47.37 2.59 0.00	50.96 2.87 0.00	57.25 3.49 0.00	51.40 3.16 0.00	55.30 3.26 0.00	48.68 3.05 0.00	217.13 12.15 0.00	70.72 4.42 0.01	70.89 4.66 0.01	60.97 3.96 0.00	60.17 3.71 0.00	37.74 2.51 0.00	43.17 2.69 0.00	49.04 2.65 0.00

E179THST_13_KV_LOAD 356214	50.93 2.50 0.00	44.05 2.34 0.00	47.55 2.30 0.00	44.04 2.16 0.00	39.48 1.90 0.00	38.78 1.82 0.00	36.28 1.76 0.00	54.32 2.62 0.00	45.52 2.31 0.00	44.10 2.49 0.00	47.56 2.79 0.00	51.18 3.09 0.00	57.50 3.74 0.00	51.63 3.39 0.00	55.53 3.49 0.00	48.88 3.25 0.00	218.15 13.17 0.00	71.02 4.72 0.01	71.19 4.97 0.01	61.24 4.24 0.00	60.43 3.97 0.00	37.90 2.67 0.00	43.37 2.89 0.00	49.23 2.85 0.00
EAST HAMPTON___GT 23717	49.98 1.55 0.00	43.20 1.49 0.00	46.42 1.17 0.00	42.91 1.03 0.00	38.70 1.11 0.00	38.04 1.08 0.00	35.53 1.01 0.00	53.17 1.47 0.00	44.76 1.55 0.00	43.80 1.67 -0.52	47.84 1.91 -1.16	49.78 1.94 0.25	21.93 2.56 34.39	52.34 2.51 -1.59	55.26 2.62 -0.60	50.55 2.59 -2.34	217.47 2.75 -9.74	75.80 4.66 -4.84	74.83 7.15 -1.45	70.33 6.10 -7.22	71.80 5.66 -9.68	32.82 3.62 6.03	44.37 3.89 0.00	50.33 3.94 0.00
EAST RIVER___6 23660	51.03 2.59 0.00	44.13 2.42 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.44 1.85 0.00	38.72 1.76 0.00	36.27 1.76 0.00	54.35 2.65 0.00	45.52 2.31 0.00	44.10 2.49 0.00	47.58 2.81 0.00	51.26 3.18 0.00	57.45 3.69 0.00	51.68 3.44 0.00	55.62 3.58 0.00	48.84 3.21 0.00	218.21 13.23 0.00	70.92 4.63 0.01	71.20 4.97 0.01	61.23 4.23 0.00	60.39 3.93 0.00	37.88 2.65 0.00	43.33 2.85 0.00	49.25 2.86 0.00
EAST RIVER___7 23524	51.03 2.59 0.00	44.13 2.42 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.44 1.85 0.00	38.72 1.76 0.00	36.27 1.76 0.00	54.35 2.65 0.00	45.52 2.31 0.00	44.10 2.49 0.00	47.58 2.81 0.00	51.26 3.18 0.00	57.45 3.69 0.00	51.68 3.44 0.00	55.62 3.58 0.00	48.84 3.21 0.00	218.21 13.23 0.00	70.92 4.63 0.01	71.20 4.97 0.01	61.23 4.23 0.00	60.39 3.93 0.00	37.88 2.65 0.00	43.33 2.85 0.00	49.25 2.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.61 2.17 0.00	43.80 2.09 0.00	47.21 1.96 0.00	43.64 1.75 0.00	39.12 1.53 0.00	38.42 1.46 0.00	35.96 1.43 0.00	53.87 2.18 0.00	45.04 1.83 0.00	43.58 1.97 0.00	47.01 2.24 0.00	50.66 2.57 0.00	56.79 3.03 0.00	51.08 2.85 0.00	55.03 2.99 0.00	48.29 2.66 0.00	216.04 11.06 0.00	70.19 3.89 0.01	70.45 4.22 0.01	60.60 3.60 0.00	59.80 3.33 0.00	37.49 2.25 0.00	42.86 2.38 0.00	48.73 2.35 0.00
EAST_HAMPTON___DIESEL 23722	49.83 1.39 0.00	43.07 1.36 0.00	46.29 1.03 0.00	42.77 0.89 0.00	38.58 1.00 0.00	37.93 0.97 0.00	35.42 0.90 0.00	53.01 1.32 0.00	44.63 1.42 0.00	43.67 1.54 -0.52	47.71 1.77 -1.16	49.64 1.80 0.25	21.77 2.41 34.39	52.19 2.36 -1.59	55.10 2.46 -0.60	50.41 2.45 -2.34	216.99 2.27 -9.74	75.65 4.51 -4.84	74.76 7.08 -1.45	70.28 6.05 -7.22	71.74 5.60 -9.68	32.77 3.58 6.03	44.33 3.85 0.00	50.27 3.88 0.00
EAST_POINT___SOLAR 323840	51.77 3.33 0.00	44.58 2.87 0.00	48.28 3.03 0.00	44.69 2.80 0.00	40.07 2.48 0.00	39.40 2.44 0.00	36.88 2.37 0.00	55.39 3.69 0.00	46.29 3.09 0.00	44.54 2.92 0.00	47.81 3.04 0.00	51.09 3.00 0.00	57.30 3.53 0.00	51.36 3.12 0.00	55.49 3.45 0.00	48.61 2.98 0.00	218.78 13.80 0.00	71.22 4.93 0.01	71.23 5.01 0.01	61.42 4.41 0.00	60.76 4.30 0.00	37.80 2.57 0.00	43.20 2.72 0.00	49.53 3.14 0.00
EAST_PULASKI___ESR 323781	47.46 -0.98 0.00	40.91 -0.80 0.00	44.35 -0.91 0.00	41.03 -0.85 0.00	36.84 -0.74 0.00	36.29 -0.67 0.00	33.84 -0.68 0.00	50.62 -1.08 0.00	42.28 -0.93 0.00	40.77 -0.84 0.00	43.77 -1.00 0.00	46.85 -1.24 0.00	52.40 -1.37 0.00	47.00 -1.24 0.00	50.51 -1.54 0.00	44.15 -1.48 0.00	198.59 -6.39 0.00	64.49 -1.81 0.00	64.67 -1.57 0.00	55.81 -1.19 0.00	55.27 -1.20 0.00	34.53 -0.70 0.00	39.65 -0.84 0.00	45.51 -0.88 0.00
EAST_RIVER___1 323558	50.93 2.50 0.00	44.06 2.35 0.00	47.48 2.23 0.00	43.90 2.02 0.00	39.36 1.78 0.00	38.65 1.69 0.00	36.20 1.69 0.00	54.24 2.54 0.00	45.42 2.20 0.00	44.01 2.39 0.00	47.47 2.70 0.00	51.12 3.03 0.00	57.31 3.54 0.00	51.55 3.31 0.00	55.48 3.44 0.00	48.71 3.08 0.00	217.69 12.71 0.00	70.74 4.45 0.01	71.01 4.78 0.01	61.09 4.08 0.00	60.25 3.78 0.00	37.79 2.56 0.00	43.22 2.74 0.00	49.14 2.75 0.00
EAST_RIVER___2 323559	51.03 2.59 0.00	44.13 2.42 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.44 1.85 0.00	38.72 1.76 0.00	36.27 1.76 0.00	54.35 2.65 0.00	45.52 2.31 0.00	44.10 2.49 0.00	47.58 2.81 0.00	51.26 3.18 0.00	57.45 3.69 0.00	51.68 3.44 0.00	55.62 3.58 0.00	48.84 3.21 0.00	218.21 13.23 0.00	70.92 4.63 0.01	71.20 4.97 0.01	61.23 4.23 0.00	60.39 3.93 0.00	37.88 2.65 0.00	43.33 2.85 0.00	49.25 2.86 0.00
EAST___DELAWARE_HYD 23607	50.91 2.47 0.00	44.01 2.30 0.00	47.51 2.26 0.00	43.94 2.05 0.00	39.38 1.80 0.00	38.69 1.73 0.00	36.18 1.67 0.00	54.26 2.57 0.00	45.40 2.19 0.00	43.88 2.27 0.00	47.35 2.58 0.00	50.93 2.84 0.00	57.08 3.31 0.00	51.36 3.13 0.00	55.41 3.36 0.00	48.61 2.99 0.00	217.76 12.78 0.00	70.63 4.33 0.01	70.83 4.60 0.01	60.96 3.95 0.00	60.23 3.76 0.00	37.70 2.47 0.00	43.06 2.58 0.00	49.00 2.62 0.00
EIGHT_POINT___WT_PWR 323820	46.54 -1.89 0.00	40.65 -1.06 0.00	44.07 -1.18 0.00	40.63 -1.25 0.00	36.46 -1.12 0.00	35.75 -1.21 0.00	33.59 -0.93 0.00	50.35 -1.35 0.00	41.49 -1.72 0.00	40.17 -1.44 0.00	43.34 -1.43 0.00	45.83 -2.26 0.00	51.21 -2.56 0.00	45.87 -2.37 0.00	49.41 -2.63 0.00	43.37 -2.25 0.00	197.04 -7.94 0.00	66.31 -3.47 -3.47	68.73 -3.39 -5.89	56.92 -2.78 -2.69	66.89 -2.98 -13.41	33.68 -1.55 0.00	38.86 -1.63 0.00	44.89 -1.50 0.00
ELBRIDGE_115KV_TB2 80188	47.50 -0.94 0.00	41.00 -0.70 0.00	44.52 -0.74 0.00	41.17 -0.71 0.00	36.96 -0.62 0.00	36.32 -0.64 0.00	34.01 -0.50 0.00	50.98 -0.72 0.00	42.45 -0.76 0.00	40.87 -0.74 0.00	43.94 -0.83 0.00	47.04 -1.05 0.00	52.62 -1.15 0.00	47.14 -1.10 0.00	50.72 -1.32 0.00	44.60 -1.03 0.00	200.43 -4.55 0.00	64.69 -1.61 0.00	64.81 -1.42 0.00	55.78 -1.23 0.00	55.20 -1.26 0.00	34.58 -0.65 0.00	39.83 -0.65 0.00	45.79 -0.60 0.00
ELEC_TRO_TEK 24086	50.79 2.36 0.00	44.04 2.33 0.00	47.41 2.15 0.00	43.82 1.93 0.00	39.43 1.85 0.00	38.78 1.82 0.00	36.26 1.74 0.00	54.29 2.59 0.00	45.57 2.35 0.00	46.72 2.46 -2.64	55.02 2.88 -7.36	55.94 3.16 -4.69	104.75 3.78 -47.20	60.99 3.39 -9.37	62.84 3.56 -7.24	69.60 3.21 -20.76	234.56 11.52 -18.07	85.29 4.65 -14.34	75.21 5.10 -3.88	74.27 4.30 -12.96	78.36 4.00 -17.89	95.01 2.77 -57.01	43.33 2.86 0.00	49.34 2.95 0.00
ELLENBURG_WT_PWR 323604	49.46 1.03 0.00	42.15 0.45 0.00	45.62 0.36 0.00	42.17 0.29 0.00	37.86 0.28 0.00	37.24 0.28 0.00	34.85 0.33 0.00	52.28 0.58 0.00	43.77 0.56 0.00	42.00 0.39 0.00	45.14 0.37 0.00	48.47 0.38 0.00	54.01 0.25 0.00	48.45 0.22 0.00	52.47 0.43 0.00	45.89 0.27 0.00	206.67 1.69 0.00	66.73 0.43 0.00	66.72 0.49 0.00	57.53 0.53 0.00	57.12 0.65 0.00	35.07 -0.16 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.28 -3.15 0.00	39.50 -2.20 0.00	43.05 -2.20 0.00	39.56 -2.33 0.00	35.55 -2.04 0.00	35.04 -1.92 0.00	32.98 -1.53 0.00	49.36 -2.34 0.00	40.35 -2.86 0.00	38.85 -2.77 0.00	41.59 -3.19 0.00	43.82 -4.27 0.00	48.79 -4.97 0.00	44.17 -4.07 0.00	47.47 -4.57 0.00	41.73 -3.89 0.00	188.33 -16.65 0.00	58.26 -6.68 1.37	57.33 -6.66 2.24	50.92 -5.22 0.87	46.80 -5.34 4.33	32.59 -2.65 0.00	37.66 -2.82 0.00	44.06 -2.33 0.00
EMPIRE_CC_1 323656	49.36 0.93 0.00	42.77 1.06 0.00	46.36 1.11 0.00	42.91 1.03 0.00	38.51 0.93 0.00	37.88 0.92 0.00	35.39 0.87 0.00	52.88 1.18 0.00	44.11 0.90 0.00	42.55 0.93 0.00	45.83 1.06 0.00	49.39 1.30 0.00	55.22 1.46 0.00	49.63 1.39 0.00	53.69 1.65 0.00	47.21 1.59 0.00	211.44 6.46 0.00	68.53 2.24 0.00	68.76 2.53 0.01	59.12 2.11 0.00	58.45 1.98 0.00	36.66 1.43 0.00	41.89 1.41 0.00	47.71 1.32 0.00
EMPIRE_CC_2 323658	49.36 0.93 0.00	42.77 1.06 0.00	46.36 1.11 0.00	42.91 1.03 0.00	38.51 0.93 0.00	37.88 0.92 0.00	35.39 0.87 0.00	52.88 1.18 0.00	44.11 0.90 0.00	42.55 0.93 0.00	45.83 1.06 0.00	49.39 1.30 0.00	55.22 1.46 0.00	49.63 1.39 0.00	53.69 1.65 0.00	47.21 1.59 0.00	211.44 6.46 0.00	68.53 2.24 0.00	68.76 2.53 0.01	59.12 2.11 0.00	58.45 1.98 0.00	36.66 1.43 0.00	41.89 1.41 0.00	47.71 1.32 0.00
ENORWICH_115KV_TB1 80156	50.98 2.55 0.00	43.92 2.21 0.00	47.62 2.37 0.00	44.12 2.23 0.00	39.59 2.00 0.00	39.03 2.07 0.00	36.52 2.01 0.00	54.89 3.19 0.00	45.62 2.41 0.00	43.92 2.30 0.00	47.29 2.52 0.00	50.50 2.41 0.00	56.64 2.88 0.00	50.82 2.58 0.00	54.83 2.79 0.00	48.12 2.50 0.00	217.34 12.36 0.00	70.46 4.00 -0.16	70.70 4.18 -0.28	60.62 3.47 -0.14	60.21 3.03 -0.71	37.15 1.92 0.00	42.07 1.59 0.00	48.04 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	45.62 -2.81 0.00	39.81 -1.90 0.00	43.34 -1.91 0.00	39.83 -2.05 0.00	35.82 -1.77 0.00	35.29 -1.66 0.00	33.26 -1.26 0.00	49.78 -1.92 0.00	40.68 -2.54 0.00	39.20 -2.42 0.00	41.96 -2.81 0.00	44.26 -3.83 0.00	49.31 -4.45 0.00	44.53 -3.71 0.00	47.87 -4.17 0.00	42.12 -3.50 0.00	190.36 -14.62 0.00	59.20 -5.92 1.18	58.59 -5.72 1.93	51.81 -4.46 0.74	48.22 -4.58 3.66	33.00 -2.23 0.00	38.11 -2.37 0.00	44.50 -1.89 0.00
ERIE_WT_PWR 323693	45.48 -2.95 0.00	39.67 -2.04 0.00	43.20 -2.05 0.00	39.68 -2.20 0.00	35.62 -1.96 0.00	35.15 -1.81 0.00	33.11 -1.41 0.00	49.51 -2.19 0.00	40.46 -2.75 0.00	38.96 -2.66 0.00	41.70 -3.08 0.00	44.01 -4.08 0.00	49.11 -4.65 0.00	44.31 -3.92 0.00	47.63 -4.41 0.00	41.87 -3.76 0.00	189.08 -15.90 0.00	58.60 -6.40 1.30	57.77 -6.33 2.14	51.25 -4.93 0.83	47.34 -5.00 4.13	32.75 -2.48 0.00	37.82 -2.66 0.00	44.20 -2.19 0.00
ESPRGFLD_115KV_TB1 80157	50.98 2.55 0.00	43.89 2.18 0.00	47.55 2.30 0.00	44.05 2.16 0.00	39.49 1.91 0.00	38.84 1.88 0.00	36.32 1.80 0.00	54.59 2.89 0.00	45.64 2.43 0.00	43.94 2.32 0.00	47.23 2.46 0.00	50.45 2.37 0.00	56.44 2.67 0.00	50.66 2.42 0.00	54.52 2.48 0.00	47.75 2.13 0.00	214.87 9.89 0.00	69.65 3.36 0.01	69.50 3.27 0.02	59.85 2.84 0.00	59.18 2.72 0.00	36.90 1.67 0.00	42.28 1.80 0.00	48.59 2.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.59 0.16 0.00	42.00 0.30 0.00	45.52 0.26 0.00	42.09 0.20 0.00	37.80 0.21 0.00	37.17 0.21 0.00	34.83 0.31 0.00	52.23 0.53 0.00	43.41 0.19 0.00	41.83 0.21 0.00	45.06 0.28 0.00	48.20 0.10 0.00	53.89 0.12 0.00	48.30 0.06 0.00	52.06 0.02 0.00	45.75 0.12 0.00	206.25 1.27 0.00	66.84 0.25 -0.29	67.19 0.46 -0.49	57.71 0.46 -0.24	57.96 0.31 -1.19	35.59 0.35 0.00	40.83 0.35 0.00	46.81 0.42 0.00
ETNA____115KV_TB2 80207	48.59 0.16 0.00	42.00 0.30 0.00	45.52 0.26 0.00	42.09 0.20 0.00	37.80 0.21 0.00	37.17 0.21 0.00	34.83 0.31 0.00	52.23 0.53 0.00	43.41 0.19 0.00	41.83 0.21 0.00	45.06 0.28 0.00	48.20 0.10 0.00	53.89 0.12 0.00	48.30 0.06 0.00	52.06 0.02 0.00	45.75 0.12 0.00	206.25 1.27 0.00	66.84 0.25 -0.29	67.19 0.46 -0.49	57.71 0.46 -0.24	57.96 0.31 -1.19	35.59 0.35 0.00	40.83 0.35 0.00	46.81 0.42 0.00
EUCLID___115KV_TB2 356179	47.24 -1.19 0.00	40.83 -0.88 0.00	44.30 -0.96 0.00	40.95 -0.93 0.00	36.76 -0.83 0.00	36.18 -0.78 0.00	33.84 -0.68 0.00	50.68 -1.02 0.00	42.21 -1.01 0.00	40.67 -0.95 0.00	43.68 -1.09 0.00	46.80 -1.29 0.00	52.34 -1.43 0.00	46.96 -1.28 0.00	50.54 -1.51 0.00	44.35 -1.27 0.00	199.30 -5.68 0.00	64.40 -1.90 0.00	64.43 -1.81 0.00	55.51 -1.50 0.00	54.90 -1.57 0.00	34.42 -0.81 0.00	39.62 -0.86 0.00	45.54 -0.85 0.00
E_CANADA_CAP_HY 24051	51.72 3.28 0.00	44.48 2.77 0.00	48.20 2.95 0.00	44.62 2.74 0.00	39.99 2.40 0.00	39.32 2.36 0.00	36.77 2.25 0.00	55.23 3.53 0.00	46.19 2.98 0.00	44.41 2.79 0.00	47.67 2.89 0.00	50.99 2.90 0.00	56.96 3.20 0.00	51.15 2.92 0.00	55.12 3.08 0.00	48.29 2.66 0.00	217.14 12.16 0.00	70.53 4.24 0.01	70.34 4.12 0.01	60.63 3.62 0.00	60.03 3.56 0.00	37.33 2.10 0.00	42.75 2.27 0.00	49.21 2.82 0.00
E_CANADA_MHWK_HY 24050	47.38 -1.05 0.00	41.01 -0.69 0.00	44.44 -0.81 0.00	41.12 -0.77 0.00	36.92 -0.66 0.00	36.27 -0.69 0.00	33.70 -0.81 0.00	50.40 -1.30 0.00	41.97 -1.24 0.00	40.53 -1.08 0.00	43.65 -1.13 0.00	47.12 -0.97 0.00	52.94 -0.82 0.00	47.41 -0.82 0.00	51.40 -0.64 0.00	45.26 -0.36 0.00	203.05 -1.93 0.00	65.86 -0.45 0.00	66.27 0.03 0.00	56.97 -0.04 0.00	56.20 -0.27 0.00	35.17 -0.06 0.00	39.96 -0.52 0.00	45.22 -1.17 0.00
E_FISHKILL___LBMP 23776	50.29 1.86 0.00	43.54 1.83 0.00	47.01 1.75 0.00	43.45 1.57 0.00	38.96 1.37 0.00	38.29 1.33 0.00	35.82 1.30 0.00	53.65 1.96 0.00	44.85 1.64 0.00	43.37 1.75 0.00	46.77 1.99 0.00	50.38 2.29 0.00	56.46 2.70 0.00	50.75 2.51 0.00	54.71 2.67 0.00	48.06 2.44 0.00	214.99 10.01 0.00	69.84 3.55 0.01	70.11 3.88 0.01	60.29 3.28 0.00	59.53 3.07 0.00	37.33 2.10 0.00	42.66 2.18 0.00	48.54 2.16 0.00
FALCON___SEABRD_CC1 323796	50.01 1.58 0.00	42.64 0.93 0.00	46.07 0.82 0.00	42.56 0.67 0.00	38.22 0.64 0.00	37.61 0.65 0.00	35.26 0.74 0.00	52.87 1.18 0.00	44.22 1.01 0.00	42.48 0.86 0.00	45.69 0.91 0.00	48.98 0.89 0.00	54.53 0.77 0.00	48.93 0.69 0.00	53.07 1.02 0.00	46.40 0.78 0.00	208.72 3.75 0.00	67.39 1.08 0.00	67.56 1.32 0.00	58.26 1.25 0.00	57.79 1.32 0.00	35.51 0.28 0.00	40.53 0.05 0.00	46.31 -0.08 0.00
FALCON___SEABRD_CC2 323797	50.01 1.58 0.00	42.64 0.93 0.00	46.07 0.82 0.00	42.56 0.67 0.00	38.22 0.64 0.00	37.61 0.65 0.00	35.26 0.74 0.00	52.87 1.18 0.00	44.22 1.01 0.00	42.48 0.86 0.00	45.69 0.91 0.00	48.98 0.89 0.00	54.53 0.77 0.00	48.93 0.69 0.00	53.07 1.02 0.00	46.40 0.78 0.00	208.72 3.75 0.00	67.39 1.08 0.00	67.56 1.32 0.00	58.26 1.25 0.00	57.79 1.32 0.00	35.51 0.28 0.00	40.53 0.05 0.00	46.31 -0.08 0.00

FAR ROCKAWAY___4 23548	51.34 2.91 0.00	44.50 2.79 0.00	47.91 2.65 0.00	44.24 2.35 0.00	39.83 2.24 -0.01	39.17 2.21 0.00	36.61 2.09 0.00	54.76 3.06 0.00	45.92 2.71 0.00	58.07 2.86 -13.59	89.53 3.32 -41.43	90.39 3.58 -38.72	468.27 4.25 -410.26	101.22 3.68 -49.29	96.65 3.91 -40.69	162.94 3.67 -113.64	235.24 13.50 -16.76	110.32 5.28 -38.75	82.77 5.81 -10.71	73.96 5.02 -11.93	78.76 4.73 -17.56	153.86 3.21 -115.42	43.80 3.32 0.00	49.88 3.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.89 2.46 0.00	44.02 2.31 0.00	47.45 2.20 0.00	43.87 1.98 0.00	39.33 1.75 0.00	38.63 1.67 0.00	36.19 1.67 0.00	54.22 2.52 0.00	45.40 2.19 0.00	43.99 2.37 0.00	47.44 2.66 0.00	51.10 3.01 0.00	57.30 3.54 0.00	51.52 3.28 0.00	55.44 3.40 0.00	48.67 3.05 0.00	217.56 12.58 0.00	70.71 4.41 0.01	70.96 4.73 0.01	61.05 4.04 0.00	60.22 3.76 0.00	37.77 2.54 0.00	43.21 2.73 0.00	49.11 2.72 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.92 2.48 0.00	44.03 2.33 0.00	47.47 2.21 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.68 0.00	54.22 2.53 0.00	45.41 2.20 0.00	43.99 2.38 0.00	47.45 2.68 0.00	51.11 3.02 0.00	57.31 3.55 0.00	51.53 3.29 0.00	55.45 3.40 0.00	48.68 3.06 0.00	217.57 12.59 0.00	70.72 4.43 0.01	70.99 4.77 0.01	61.06 4.06 0.00	60.23 3.77 0.00	37.79 2.55 0.00	43.22 2.75 0.00	49.14 2.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.87 2.44 0.00	44.00 2.29 0.00	47.43 2.18 0.00	43.83 1.95 0.00	39.32 1.74 0.00	38.62 1.66 0.00	36.17 1.65 0.00	54.19 2.49 0.00	45.37 2.16 0.00	43.96 2.35 0.00	47.42 2.64 0.00	51.08 2.98 0.00	57.27 3.51 0.00	51.49 3.25 0.00	55.41 3.36 0.00	48.65 3.02 0.00	217.38 12.39 0.00	70.66 4.37 0.01	70.93 4.71 0.01	61.01 4.00 0.00	60.17 3.71 0.00	37.75 2.52 0.00	43.18 2.70 0.00	49.10 2.71 0.00
FARRAGUT___LBMP 323566	50.83 2.40 0.00	43.98 2.27 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.59 1.63 0.00	36.15 1.63 0.00	54.15 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.45 3.21 0.00	55.37 3.33 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.61 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.14 3.68 0.00	37.72 2.49 0.00	43.16 2.68 0.00	49.06 2.67 0.00
FENNER___WINDPWR 24204	48.74 0.31 0.00	42.07 0.36 0.00	45.57 0.32 0.00	42.15 0.26 0.00	37.84 0.26 0.00	37.24 0.28 0.00	34.83 0.31 0.00	52.18 0.48 0.00	43.49 0.28 0.00	41.91 0.30 0.00	45.10 0.33 0.00	48.30 0.21 0.00	54.15 0.39 0.00	48.61 0.37 0.00	52.29 0.24 0.00	45.86 0.24 0.00	206.52 1.54 0.00	66.86 0.56 0.01	66.95 0.72 0.01	57.65 0.64 0.00	56.95 0.49 0.00	35.61 0.38 0.00	40.83 0.35 0.00	46.75 0.36 0.00
FIBERTEK___ENERGY 23856	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
FITZPATRICK___ 23598	46.73 -1.71 0.00	40.35 -1.36 0.00	43.77 -1.49 0.00	40.48 -1.40 0.00	36.34 -1.25 0.00	35.75 -1.21 0.00	33.42 -1.10 0.00	50.06 -1.64 0.00	41.72 -1.49 0.00	40.17 -1.45 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.70 -2.06 0.00	46.35 -1.89 0.00	49.90 -2.15 0.00	43.79 -1.84 0.00	196.55 -8.43 0.00	63.56 -2.74 0.00	63.58 -2.67 -0.01	54.76 -2.25 0.00	54.19 -2.27 0.00	33.93 -1.30 0.00	39.08 -1.40 0.00	44.96 -1.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.86 2.43 0.00	44.02 2.31 0.00	47.50 2.25 0.00	43.90 2.02 0.00	39.37 1.78 0.00	38.68 1.72 0.00	36.19 1.68 0.00	54.24 2.54 0.00	45.37 2.16 0.00	43.88 2.27 0.00	47.33 2.56 0.00	50.97 2.88 0.00	57.11 3.35 0.00	51.37 3.13 0.00	55.42 3.38 0.00	48.65 3.03 0.00	217.71 12.73 0.00	70.76 4.46 0.01	70.99 4.76 0.01	61.08 4.07 0.00	60.29 3.82 0.00	37.78 2.55 0.00	43.14 2.66 0.00	49.05 2.67 0.00
FORT ORANGE___ 23900	48.97 0.54 0.00	42.38 0.67 0.00	45.91 0.66 0.00	42.51 0.62 0.00	38.21 0.63 0.00	37.59 0.63 0.00	35.08 0.56 0.00	52.38 0.69 0.00	43.77 0.56 0.00	42.22 0.61 0.00	45.44 0.67 0.00	48.96 0.87 0.00	54.85 1.09 0.00	49.24 1.00 0.00	53.23 1.19 0.00	46.80 1.18 0.00	209.30 4.32 0.00	67.92 1.63 0.00	68.19 1.96 0.01	58.62 1.61 0.00	57.94 1.48 0.00	36.33 1.10 0.00	41.51 1.02 0.00	47.28 0.89 0.00
FORT_DRUM_COGEN 23780	48.58 0.14 0.00	41.62 -0.09 0.00	45.02 -0.24 0.00	41.70 -0.18 0.00	37.53 -0.06 0.00	37.00 0.04 0.00	34.41 -0.11 0.00	51.25 -0.45 0.00	43.06 -0.16 0.00	41.44 -0.18 0.00	44.44 -0.34 0.00	47.48 -0.61 0.00	53.04 -0.72 0.00	47.61 -0.63 0.00	51.10 -0.94 0.00	44.17 -1.45 0.00	199.44 -5.54 0.00	65.75 -0.55 0.00	66.22 -0.02 0.00	57.40 0.39 0.00	57.07 0.60 0.00	35.36 0.12 0.00	40.31 -0.17 0.00	46.10 -0.29 0.00
FOX_HILLS___ESR 323835	50.85 2.42 0.00	44.02 2.31 0.00	47.39 2.14 0.00	43.83 1.95 0.00	39.37 1.79 0.00	38.65 1.70 0.00	36.20 1.69 0.00	54.07 2.37 0.00	45.38 2.17 0.00	43.99 2.37 0.00	47.37 2.59 0.00	50.89 2.80 0.00	57.16 3.40 0.00	51.52 3.28 0.00	55.37 3.33 0.00	48.73 3.11 0.00	217.43 12.45 0.00	70.76 4.47 0.01	71.01 4.78 0.01	61.09 4.08 0.00	60.31 3.85 0.00	42.27 2.58 -4.46	43.26 2.77 -0.01	49.20 2.80 -0.01
FPL_FAR_ROCK_GT1 24212	51.35 2.91 0.00	44.50 2.80 0.00	47.91 2.65 0.00	44.24 2.35 0.00	39.83 2.24 -0.01	39.17 2.21 0.00	36.61 2.09 0.00	54.76 3.06 0.00	45.93 2.71 0.00	58.06 2.86 -13.59	89.52 3.31 -41.43	90.41 3.60 -38.72	468.21 4.19 -410.26	101.21 3.68 -49.29	96.63 3.90 -40.69	162.93 3.66 -113.64	235.24 13.50 -16.76	110.32 5.27 -38.75	82.77 5.81 -10.71	73.96 5.02 -11.93	78.76 4.73 -17.56	153.83 3.18 -115.42	43.80 3.32 0.00	49.88 3.49 0.00
FPL_FAR_ROCK_GT2 23815	51.35 2.91 0.00	44.50 2.80 0.00	47.91 2.65 0.00	44.24 2.35 0.00	39.83 2.24 -0.01	39.17 2.21 0.00	36.61 2.09 0.00	54.76 3.06 0.00	45.93 2.71 0.00	58.06 2.86 -13.59	89.52 3.31 -41.43	90.41 3.60 -38.72	468.21 4.19 -410.26	101.21 3.68 -49.29	96.63 3.90 -40.69	162.93 3.66 -113.64	235.24 13.50 -16.76	110.32 5.27 -38.75	82.77 5.81 -10.71	73.96 5.02 -11.93	78.76 4.73 -17.56	153.83 3.18 -115.42	43.80 3.32 0.00	49.88 3.49 0.00
FRANKLIN_FALL_HYD 24054	49.46 1.02 0.00	42.07 0.36 0.00	45.51 0.26 0.00	42.10 0.21 0.00	37.78 0.20 0.00	37.18 0.22 0.00	34.78 0.27 0.00	52.22 0.52 0.00	43.75 0.54 0.00	41.94 0.32 0.00	45.02 0.24 0.00	48.31 0.22 0.00	53.81 0.05 0.00	48.30 0.06 0.00	52.30 0.26 0.00	45.67 0.05 0.00	205.76 0.78 0.00	66.67 0.37 0.00	66.74 0.50 0.00	57.58 0.57 0.00	57.31 0.84 0.00	35.13 -0.10 0.00	40.05 -0.43 0.00	45.86 -0.53 0.00

FREEPORT_EQUS_GT1 23764	51.00	44.22	47.59	43.96	39.57	38.91	36.37	54.43	45.68	47.63	57.78	59.34	136.67	63.93	65.55	76.58	229.61	84.90	75.19	71.08	74.00	77.60	43.57	49.60
	2.57	2.51	2.33	2.08	1.98	1.95	1.85	2.73	2.47	2.58	2.98	3.26	3.77	3.40	3.72	3.26	11.23	4.64	5.18	4.40	4.11	2.88	3.09	3.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.43	-10.02	-7.99	-79.14	-12.29	-9.78	-27.69	-13.40	-13.96	-3.78	-9.67	-13.42	-39.49	0.00	0.00
FREEPORT___CT2 23818	51.00	44.22	47.59	43.96	39.57	38.91	36.37	54.43	45.68	47.63	57.78	59.34	136.67	63.93	65.55	76.58	229.61	84.90	75.19	71.08	74.00	77.60	43.57	49.60
	2.57	2.51	2.33	2.08	1.98	1.95	1.85	2.73	2.47	2.58	2.98	3.26	3.77	3.40	3.72	3.26	11.23	4.64	5.18	4.40	4.11	2.88	3.09	3.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.43	-10.02	-7.99	-79.14	-12.29	-9.78	-27.69	-13.40	-13.96	-3.78	-9.67	-13.42	-39.49	0.00	0.00
FRESHKLS_33_KV_LOAD 356253	50.83	44.04	47.40	43.86	39.42	38.71	36.25	54.04	45.39	43.98	47.29	50.76	57.06	51.49	55.33	48.75	217.43	70.76	71.00	61.07	60.35	42.28	43.27	49.24
	2.40	2.33	2.15	1.97	1.84	1.75	1.73	2.35	2.18	2.36	2.52	2.67	3.30	3.25	3.28	3.12	12.45	4.47	4.77	4.07	3.88	2.59	2.78	2.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	-4.46	-0.01	-0.01
FULTON COGEN____ 23766	46.99	40.60	44.03	40.71	36.53	35.97	33.63	50.37	41.98	40.45	43.45	46.52	52.06	46.68	50.23	44.08	198.06	64.06	64.07	55.25	54.64	34.24	39.39	45.26
	-1.44	-1.11	-1.23	-1.17	-1.05	-0.99	-0.89	-1.33	-1.23	-1.17	-1.33	-1.58	-1.70	-1.55	-1.81	-1.55	-6.92	-2.24	-2.16	-1.76	-1.82	-1.00	-1.09	-1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	51.37	44.26	47.97	44.39	39.79	39.11	36.54	54.83	45.79	44.03	47.23	50.72	56.68	50.91	55.03	48.29	216.86	70.48	70.51	60.79	60.15	37.49	42.86	49.11
	2.94	2.56	2.71	2.50	2.20	2.16	2.02	3.13	2.58	2.42	2.46	2.63	2.92	2.67	2.98	2.66	11.88	4.18	4.29	3.78	3.69	2.26	2.39	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	50.97	44.18	47.83	44.15	39.45	38.71	36.28	54.31	45.35	43.73	47.15	50.80	56.81	50.98	55.22	48.52	217.45	70.67	71.10	61.27	60.55	37.87	43.06	48.87
	2.54	2.48	2.58	2.26	1.86	1.76	1.77	2.62	2.14	2.12	2.38	2.71	3.05	2.74	3.17	2.89	12.47	4.37	4.87	4.26	4.09	2.64	2.58	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	45.40	39.61	43.14	39.64	35.62	35.10	33.06	49.47	40.43	38.94	41.71	43.96	48.95	44.28	47.60	41.83	188.99	58.36	57.40	51.04	46.57	32.69	37.76	44.14
	-3.03	-2.10	-2.11	-2.25	-1.96	-1.86	-1.46	-2.22	-2.78	-2.68	-3.06	-4.13	-4.82	-3.96	-4.44	-3.80	-15.99	-6.46	-6.40	-5.01	-5.11	-2.55	-2.72	-2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	2.44	0.96	4.78	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	45.51	39.69	43.23	39.72	35.69	35.17	33.12	49.56	40.50	39.02	41.80	44.07	49.06	44.41	47.73	41.96	189.50	58.78	57.99	51.35	47.60	32.80	37.89	44.28
	-2.92	-2.01	-2.02	-2.16	-1.89	-1.79	-1.40	-2.13	-2.71	-2.60	-2.98	-4.02	-4.70	-3.83	-4.31	-3.66	-15.48	-6.29	-6.22	-4.88	-4.98	-2.43	-2.59	-2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	2.03	0.78	3.88	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	47.41	40.96	44.43	41.10	36.91	36.30	33.94	50.85	42.36	40.82	43.85	46.97	52.54	47.13	50.71	44.53	200.08	64.66	64.70	55.73	55.11	34.54	39.76	45.70
	-1.02	-0.74	-0.82	-0.79	-0.68	-0.66	-0.58	-0.84	-0.85	-0.80	-0.93	-1.12	-1.22	-1.11	-1.33	-1.09	-4.90	-1.64	-1.54	-1.28	-1.35	-0.69	-0.71	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	45.46	39.65	43.19	39.69	35.67	35.14	33.09	49.53	40.47	38.98	41.75	44.02	49.00	44.34	47.67	41.90	189.27	58.63	57.79	51.25	47.29	32.75	37.84	44.23
	-2.97	-2.06	-2.07	-2.20	-1.92	-1.81	-1.43	-2.17	-2.74	-2.64	-3.03	-4.07	-4.76	-3.89	-4.38	-3.73	-15.71	-6.37	-6.31	-4.93	-5.05	-2.48	-2.64	-2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	2.14	0.83	4.13	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	48.96	42.37	45.90	42.51	38.17	37.55	35.04	52.35	43.74	42.19	45.42	48.91	54.76	49.18	53.14	46.68	208.88	67.74	67.96	58.42	57.77	36.21	41.42	47.22
	0.52	0.66	0.64	0.63	0.59	0.60	0.52	0.66	0.53	0.58	0.65	0.82	1.00	0.94	1.09	1.06	3.90	1.44	1.73	1.41	1.31	0.98	0.94	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
GILBOA___1 23756	49.19	42.56	46.22	42.90	38.50	37.84	35.16	52.59	43.91	42.38	45.65	49.10	54.94	49.36	53.27	46.75	209.06	67.68	67.90	58.30	57.75	36.30	41.55	47.40
	0.76	0.85	0.96	1.02	0.91	0.88	0.64	0.90	0.70	0.77	0.88	1.01	1.18	1.13	1.22	1.12	4.08	1.38	1.67	1.29	1.28	1.07	1.06	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
GILBOA___2 23757	49.19	42.56	46.22	42.90	38.50	37.84	35.16	52.59	43.91	42.38	45.65	49.10	54.94	49.36	53.27	46.75	209.06	67.68	67.90	58.30	57.75	36.30	41.55	47.40
	0.76	0.85	0.96	1.02	0.91	0.88	0.64	0.90	0.70	0.77	0.88	1.01	1.18	1.13	1.22	1.12	4.08	1.38	1.67	1.29	1.28	1.07	1.06	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
GILBOA___3 23758	49.19	42.56	46.22	42.90	38.50	37.84	35.16	52.59	43.91	42.38	45.65	49.10	54.94	49.36	53.27	46.75	209.06	67.68	67.90	58.30	57.75	36.30	41.55	47.40
	0.76	0.85	0.96	1.02	0.91	0.88	0.64	0.90	0.70	0.77	0.88	1.01	1.18	1.13	1.22	1.12	4.08	1.38	1.67	1.29	1.28	1.07	1.06	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
GILBOA___4 23759	49.19	42.56	46.22	42.90	38.50	37.84	35.16	52.59	43.91	42.38	45.65	49.10	54.94	49.36	53.27	46.75	209.06	67.68	67.90	58.30	57.75	36.30	41.55	47.40
	0.76	0.85	0.96	1.02	0.91	0.88	0.64	0.90	0.70	0.77	0.88	1.01	1.18	1.13	1.22	1.12	4.08	1.38	1.67	1.29	1.28	1.07	1.06	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00

GILBOA____ 23599	49.19 0.76 0.00	42.56 0.85 0.00	46.22 0.96 0.00	42.90 1.01 0.00	38.49 0.90 0.00	37.84 0.88 0.00	35.16 0.64 0.00	52.59 0.90 0.00	43.91 0.70 0.00	42.38 0.77 0.00	45.65 0.88 0.00	49.10 1.01 0.00	54.96 1.20 0.00	49.37 1.13 0.00	53.27 1.23 0.00	46.75 1.13 0.00	209.06 4.08 0.00	67.68 1.38 0.01	67.90 1.68 0.01	58.30 1.29 0.00	57.75 1.28 0.00	36.30 1.07 0.00	41.55 1.07 0.00	47.40 1.01 0.00
GINNA____ 23603	44.60 -3.83 0.00	38.66 -3.05 0.00	42.06 -3.20 0.00	38.77 -3.12 0.00	34.82 -2.76 0.00	34.33 -2.63 0.00	32.20 -2.32 0.00	48.26 -3.44 0.00	39.95 -3.26 0.00	38.45 -3.16 0.00	41.22 -3.55 0.00	43.89 -4.20 0.00	49.04 -4.72 0.00	44.12 -4.12 0.00	47.48 -4.56 0.00	41.74 -3.88 0.00	187.72 -17.26 0.00	60.28 -6.05 -0.03	60.20 -6.08 -0.04	52.01 -5.00 0.00	51.43 -5.03 0.00	32.44 -2.79 0.00	37.37 -3.11 0.00	43.23 -3.16 0.00
GLEN PARK____ 23778	48.61 0.18 0.00	41.65 -0.06 0.00	45.05 -0.20 0.00	41.74 -0.14 0.00	37.56 -0.03 0.00	37.03 0.07 0.00	34.45 -0.07 0.00	51.30 -0.40 0.00	43.09 -0.13 0.00	41.46 -0.16 0.00	44.46 -0.31 0.00	47.46 -0.63 0.00	53.01 -0.75 0.00	47.54 -0.70 0.00	51.05 -0.99 0.00	44.08 -1.54 0.00	199.10 -5.88 0.00	65.75 -0.55 0.00	66.30 0.06 0.00	57.50 0.49 0.00	57.17 0.70 0.00	35.42 0.19 0.00	40.39 -0.09 0.00	46.16 -0.23 0.00
GLENDALE_27_KV_LOAD 356172	51.04 2.61 0.00	44.13 2.42 0.00	47.56 2.31 0.00	43.98 2.10 0.00	39.45 1.87 0.00	38.75 1.79 0.00	36.29 1.77 0.00	54.34 2.65 0.00	45.55 2.33 0.00	44.16 2.55 0.00	47.62 2.85 0.00	51.27 3.18 0.00	57.55 3.79 0.00	51.72 3.48 0.00	55.61 3.56 0.00	48.88 3.26 0.00	218.34 13.36 0.00	71.00 4.71 0.01	71.26 5.03 0.01	61.28 4.27 0.00	60.46 4.00 0.00	37.92 2.69 0.00	43.37 2.89 0.00	49.29 2.90 0.00
GLENWOOD_IC_1_G5 23712	50.98 2.55 0.00	44.17 2.46 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.51 1.92 0.00	38.84 1.88 0.00	36.34 1.82 0.00	54.41 2.71 0.00	45.62 2.41 0.00	47.01 2.54 -2.87	55.80 2.93 -8.10	56.88 3.24 -5.56	125.10 3.85 -67.48	62.00 3.50 -10.26	63.88 3.67 -8.16	72.13 3.31 -23.19	234.81 12.63 -17.19	85.83 4.78 -14.75	75.06 4.97 -3.85	73.80 4.23 -12.55	77.58 3.96 -17.16	77.41 2.72 -39.46	43.43 2.95 0.00	49.40 3.01 0.00
GLENWOOD_IC_2_G1 23688	50.80 2.36 0.00	43.99 2.29 0.00	47.40 2.15 0.00	43.82 1.93 0.00	39.36 1.77 0.00	38.68 1.73 0.00	36.20 1.68 0.00	54.21 2.51 0.00	45.42 2.21 0.00	44.05 2.35 -0.08	47.69 2.69 -0.22	51.21 3.00 -0.12	59.30 3.54 -2.00	51.79 3.26 -0.30	55.68 3.41 -0.23	49.38 3.08 -0.67	217.61 11.90 -0.73	71.30 4.46 -0.54	71.20 4.83 -0.13	61.66 4.11 -0.54	61.03 3.84 -0.73	39.20 2.62 -1.35	43.23 2.75 0.00	49.19 2.80 0.00
GLENWOOD_IC_3_G1 23689	50.80 2.36 0.00	43.99 2.29 0.00	47.40 2.15 0.00	43.82 1.93 0.00	39.36 1.77 0.00	38.68 1.73 0.00	36.20 1.68 0.00	54.21 2.51 0.00	45.42 2.21 0.00	44.05 2.35 -0.08	47.69 2.69 -0.22	51.21 3.00 -0.12	59.30 3.54 -2.00	51.79 3.26 -0.30	55.68 3.41 -0.23	49.38 3.08 -0.67	217.61 11.90 -0.73	71.30 4.46 -0.54	71.20 4.83 -0.13	61.66 4.11 -0.54	61.03 3.84 -0.73	39.20 2.62 -1.35	43.23 2.75 0.00	49.19 2.80 0.00
GLENWOOD____4 23550	50.98 2.55 0.00	44.17 2.46 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.51 1.92 0.00	38.84 1.88 0.00	36.34 1.82 0.00	54.41 2.71 0.00	45.62 2.41 0.00	47.01 2.54 -2.87	55.80 2.93 -8.10	56.88 3.24 -5.56	125.10 3.85 -67.48	62.00 3.50 -10.26	63.88 3.67 -8.16	72.13 3.31 -23.19	234.81 12.63 -17.19	85.84 4.78 -14.75	75.13 5.05 -3.85	73.87 4.31 -12.55	77.65 4.02 -17.16	77.45 2.76 -39.46	43.43 2.95 0.00	49.40 3.01 0.00
GLENWOOD____5 23614	50.98 2.55 0.00	44.17 2.46 0.00	47.57 2.32 0.00	43.96 2.07 0.00	39.51 1.92 0.00	38.84 1.88 0.00	36.34 1.82 0.00	54.41 2.71 0.00	45.62 2.41 0.00	47.01 2.54 -2.87	55.80 2.93 -8.10	56.88 3.24 -5.56	125.10 3.85 -67.48	62.00 3.50 -10.26	63.88 3.67 -8.16	72.13 3.31 -23.19	234.81 12.63 -17.19	85.84 4.78 -14.75	75.13 5.05 -3.85	73.87 4.31 -12.55	77.65 4.02 -17.16	77.45 2.76 -39.46	43.43 2.95 0.00	49.40 3.01 0.00
GLOBAL GREEN_PORT_GT1 23814	50.54 2.11 0.00	43.72 2.02 0.00	46.99 1.74 0.00	43.42 1.54 0.00	39.13 1.55 0.00	38.48 1.52 0.00	35.94 1.42 0.00	53.79 2.09 0.00	45.27 2.06 0.00	44.28 2.15 -0.52	48.36 2.42 -1.16	50.34 2.50 0.25	22.55 3.18 34.39	52.89 3.06 -1.59	55.85 3.21 -0.60	51.07 3.10 -2.34	218.03 3.31 -9.74	76.20 5.06 -4.84	75.02 7.34 -1.45	70.47 6.24 -7.22	71.97 5.83 -9.68	32.97 3.77 6.03	44.49 4.01 0.00	50.52 4.13 0.00
GLOBE____DSASP 323697	44.13 -4.31 0.00	38.50 -3.20 0.00	42.07 -3.19 0.00	38.62 -3.27 0.00	34.74 -2.84 0.00	34.27 -2.68 0.00	32.21 -2.31 0.00	48.13 -3.57 0.00	39.54 -3.68 0.00	38.08 -3.53 0.00	40.67 -4.11 0.00	42.82 -5.27 0.00	47.64 -6.12 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.94 -4.69 0.00	183.85 -21.13 0.00	56.80 -8.43 1.07	56.00 -8.50 1.74	49.57 -6.80 0.64	46.45 -6.83 3.19	31.68 -3.55 0.00	36.70 -3.78 0.00	43.05 -3.33 0.00
GOETHSLN____LBMP 323567	50.63 2.19 0.00	43.78 2.08 0.00	47.19 1.94 0.00	43.62 1.74 0.00	39.12 1.53 0.00	38.42 1.46 0.00	35.99 1.47 0.00	53.92 2.22 0.00	45.15 1.94 0.00	43.74 2.12 0.00	47.19 2.42 0.00	50.83 2.74 0.00	57.00 3.24 0.00	51.24 3.00 0.00	55.13 3.09 0.00	48.40 2.78 0.00	216.30 11.32 0.00	70.33 4.03 0.01	70.57 4.34 0.01	60.72 3.71 0.00	59.90 3.43 0.00	36.85 2.32 0.70	42.95 2.47 0.00	48.81 2.43 0.00
GOLAH____69_KV_TB 1_2 80279	46.54 -1.90 0.00	40.42 -1.29 0.00	43.99 -1.26 0.00	40.52 -1.37 0.00	36.42 -1.17 0.00	35.90 -1.06 0.00	33.69 -0.83 0.00	50.49 -1.21 0.00	41.61 -1.60 0.00	40.03 -1.58 0.00	42.85 -1.92 0.00	45.53 -2.56 0.00	50.73 -3.03 0.00	45.79 -2.45 0.00	49.18 -2.86 0.00	43.26 -2.36 0.00	194.80 -10.18 0.00	62.23 -3.94 0.13	62.10 -3.91 0.23	53.88 -3.02 0.11	52.82 -3.12 0.53	33.79 -1.45 0.00	38.92 -1.56 0.00	45.18 -1.21 0.00
GOODYEAR_LAKE_HYD 323669	50.00 1.57 0.00	43.14 1.44 0.00	46.75 1.50 0.00	43.31 1.43 0.00	38.85 1.27 0.00	38.21 1.25 0.00	35.69 1.17 0.00	53.57 1.87 0.00	44.75 1.53 0.00	43.15 1.54 0.00	46.44 1.66 0.00	49.74 1.65 0.00	55.71 1.95 0.00	50.01 1.77 0.00	53.85 1.81 0.00	47.22 1.59 0.00	212.20 7.22 0.00	68.72 2.43 0.02	68.75 2.54 0.02	59.14 2.13 0.00	58.44 1.98 0.00	36.58 1.34 0.00	41.88 1.40 0.00	47.93 1.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.02 -0.42 0.00	41.63 -0.08 0.00	45.05 -0.20 0.00	41.67 -0.21 0.00	37.42 -0.16 0.00	36.81 -0.14 0.00	34.51 -0.01 0.00	51.78 0.08 0.00	42.95 -0.26 0.00	41.40 -0.21 0.00	44.62 -0.15 0.00	47.63 -0.45 0.00	53.33 -0.44 0.00	47.82 -0.42 0.00	51.46 -0.59 0.00	45.20 -0.43 0.00	204.41 -0.57 0.00	65.65 -0.61 0.04	65.78 -0.40 0.06	56.78 -0.23 0.00	56.01 -0.45 0.00	35.24 0.01 0.00	40.47 -0.01 0.00	46.42 0.03 0.00

GOUDEY___7 23579	48.02 -0.42 0.00	41.63 -0.08 0.00	45.05 -0.20 0.00	41.67 -0.21 0.00	37.42 -0.16 0.00	36.81 -0.14 0.00	34.51 -0.01 0.00	51.78 0.08 0.00	42.95 -0.26 0.00	41.40 -0.21 0.00	44.62 -0.15 0.00	47.63 -0.45 0.00	53.33 -0.44 0.00	47.82 -0.42 0.00	51.46 -0.59 0.00	45.20 -0.43 0.00	204.41 -0.57 0.00	65.65 -0.61 0.04	65.78 -0.40 0.06	56.78 -0.23 0.00	56.01 -0.45 0.00	35.24 0.01 0.00	40.47 -0.01 0.00	46.42 0.03 0.00
GOUDEY___8 23580	48.02 -0.42 0.00	41.63 -0.08 0.00	45.05 -0.20 0.00	41.67 -0.21 0.00	37.42 -0.16 0.00	36.81 -0.14 0.00	34.51 -0.01 0.00	51.78 0.08 0.00	42.95 -0.26 0.00	41.40 -0.21 0.00	44.62 -0.15 0.00	47.63 -0.45 0.00	53.33 -0.44 0.00	47.82 -0.42 0.00	51.46 -0.59 0.00	45.20 -0.43 0.00	204.41 -0.57 0.00	65.65 -0.61 0.04	65.78 -0.40 0.06	56.78 -0.23 0.00	56.01 -0.45 0.00	35.24 0.01 0.00	40.47 -0.01 0.00	46.42 0.03 0.00
GOWANUS_GT1_1 24077	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_2 24078	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_3 24079	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_4 24080	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_5 24084	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_6 24111	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_7 24112	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT1_8 24113	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT2_1 24114	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_2 24115	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_3 24116	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_4 24117	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_5 24118	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01

GOWANUS_GT2_6 24119	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_7 24120	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT2_8 24121	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_1 24122	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_2 24123	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_3 24124	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_4 24125	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_5 24126	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_6 24127	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_7 24128	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT3_8 24129	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
GOWANUS_GT4_1 24130	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_2 24131	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_3 24132	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_4 24133	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01

GOWANUS_GT4_5 24134	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_6 24135	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_7 24136	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GOWANUS_GT4_8 24137	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GREATVR_69_KV_BK1 356245	51.54 3.10 0.00	44.72 3.01 0.00	48.09 2.84 0.00	44.42 2.54 0.00	39.98 2.40 0.00	39.32 2.36 0.00	36.74 2.22 0.00	54.96 3.26 0.00	46.18 2.97 0.00	45.28 2.99 -0.68	49.87 3.44 -1.65	51.95 3.67 -0.19	29.67 4.50 28.58	54.55 4.13 -2.19	57.45 4.31 -1.10	53.28 3.92 -3.73	228.29 13.26 -10.05	77.31 5.63 -5.38	74.25 6.42 -1.59	69.94 5.51 -7.43	71.60 5.15 -9.99	35.50 3.62 3.35	44.19 3.72 0.00	50.34 3.95 0.00
GREENBSH_115KV_TB3 55895	48.74 0.30 0.00	42.20 0.49 0.00	45.70 0.45 0.00	42.33 0.44 0.00	38.03 0.44 0.00	37.43 0.48 0.00	34.94 0.42 0.00	52.14 0.44 0.00	43.57 0.36 0.00	42.02 0.41 0.00	45.23 0.46 0.00	48.74 0.64 0.00	54.57 0.81 0.00	49.00 0.76 0.00	52.98 0.93 0.00	46.57 0.94 0.00	208.30 3.32 0.00	67.59 1.29 0.00	67.79 1.56 0.01	58.26 1.25 0.00	57.61 1.14 0.00	36.12 0.89 0.00	41.29 0.81 0.00	47.04 0.65 0.00
GREENDGE_115KV_TB5 80291	47.10 -1.34 0.00	40.94 -0.77 0.00	44.53 -0.72 0.00	41.09 -0.79 0.00	36.92 -0.67 0.00	36.34 -0.62 0.00	34.14 -0.38 0.00	51.07 -0.63 0.00	42.36 -0.85 0.00	40.87 -0.74 0.00	43.95 -0.82 0.00	46.71 -1.38 0.00	52.06 -1.71 0.00	46.82 -1.42 0.00	50.31 -1.74 0.00	44.36 -1.26 0.00	200.32 -4.66 0.00	65.50 -2.30 -1.50	66.68 -2.10 -2.54	56.78 -1.39 -1.17	60.49 -1.80 -5.83	34.61 -0.63 0.00	39.81 -0.67 0.00	45.76 -0.63 0.00
GREENIDGE___3 23582	47.10 -1.34 0.00	40.94 -0.77 0.00	44.53 -0.72 0.00	41.09 -0.79 0.00	36.92 -0.67 0.00	36.34 -0.62 0.00	34.14 -0.38 0.00	51.07 -0.63 0.00	42.36 -0.85 0.00	40.87 -0.74 0.00	43.95 -0.82 0.00	46.71 -1.38 0.00	52.06 -1.71 0.00	46.82 -1.42 0.00	50.31 -1.74 0.00	44.36 -1.26 0.00	200.32 -4.66 0.00	65.50 -2.30 -1.50	66.68 -2.10 -2.54	56.78 -1.39 -1.17	60.49 -1.80 -5.83	34.61 -0.63 0.00	39.81 -0.67 0.00	45.76 -0.63 0.00
GREENIDGE___4 23583	47.09 -1.34 0.00	40.94 -0.77 0.00	44.53 -0.72 0.00	41.09 -0.79 0.00	36.91 -0.67 0.00	36.34 -0.62 0.00	34.14 -0.38 0.00	51.04 -0.66 0.00	42.36 -0.85 0.00	40.89 -0.73 0.00	43.92 -0.85 0.00	46.67 -1.42 0.00	52.14 -1.62 0.00	46.82 -1.42 0.00	50.30 -1.74 0.00	44.35 -1.27 0.00	200.32 -4.66 0.00	65.51 -2.29 -1.50	66.68 -2.10 -2.54	56.79 -1.39 -1.17	60.50 -1.79 -5.83	34.60 -0.63 0.00	39.81 -0.67 0.00	45.76 -0.63 0.00
GREENLWN_69_KV_BK 3 55738	50.71 2.28 0.00	44.01 2.30 0.00	47.37 2.12 0.00	43.78 1.89 0.00	39.41 1.82 0.00	38.76 1.80 0.00	36.22 1.71 0.00	54.15 2.46 0.00	45.46 2.25 0.00	44.57 2.35 -0.61	48.95 2.73 -1.45	51.01 2.92 0.00	26.15 3.63 31.24	53.46 3.28 -1.95	56.36 3.42 -0.89	51.88 3.09 -3.16	225.46 10.49 -9.99	76.00 4.51 -5.19	72.91 5.14 -1.54	68.74 4.34 -7.39	70.47 4.08 -9.92	33.59 2.84 4.48	43.37 2.89 0.00	49.39 3.00 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01
GRISSOM___SOLAR 323813	51.19 2.76 0.00	44.15 2.44 0.00	47.83 2.58 0.00	44.26 2.38 0.00	39.68 2.10 0.00	39.00 2.04 0.00	36.44 1.92 0.00	54.63 2.93 0.00	45.59 2.38 0.00	43.87 2.25 0.00	47.03 2.25 0.00	50.56 2.47 0.00	56.52 2.76 0.00	50.77 2.53 0.00	54.92 2.87 0.00	48.21 2.58 0.00	216.42 11.44 0.00	70.33 4.04 0.01	70.42 4.20 0.01	60.72 3.71 0.00	60.08 3.62 0.00	37.47 2.24 0.00	42.84 2.36 0.00	49.01 2.62 0.00
GROVEVILLE___HYD 323602	50.86 2.43 0.00	44.02 2.31 0.00	47.50 2.25 0.00	43.90 2.02 0.00	39.37 1.78 0.00	38.68 1.72 0.00	36.19 1.68 0.00	54.24 2.54 0.00	45.37 2.16 0.00	43.88 2.27 0.00	47.33 2.56 0.00	50.97 2.88 0.00	57.11 3.35 0.00	51.37 3.13 0.00	55.42 3.38 0.00	48.65 3.03 0.00	217.71 12.73 0.00	70.76 4.46 0.01	70.99 4.76 0.01	61.08 4.07 0.00	60.29 3.82 0.00	37.78 2.55 0.00	43.14 2.66 0.00	49.05 2.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
HAMLTNNY_34_KV_TB 80303	47.65 -0.79 0.00	41.13 -0.57 0.00	44.67 -0.59 0.00	41.31 -0.58 0.00	37.08 -0.51 0.00	36.45 -0.50 0.00	34.15 -0.37 0.00	51.21 -0.49 0.00	42.62 -0.59 0.00	40.99 -0.62 0.00	44.03 -0.74 0.00	47.09 -0.99 0.00	52.66 -1.10 0.00	47.21 -1.02 0.00	50.81 -1.23 0.00	44.68 -0.95 0.00	200.90 -4.08 0.00	64.80 -1.50 0.00	64.83 -1.41 0.00	55.87 -1.13 0.00	55.26 -1.21 0.00	34.65 -0.59 0.00	39.93 -0.55 0.00	45.93 -0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.67 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.52 -5.46 0.00	65.14 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.25 0.00	34.68 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
HARDSCRABBLE_WT_PWR 323673	47.67 -0.76 0.00	41.22 -0.49 0.00	44.68 -0.57 0.00	41.35 -0.54 0.00	37.11 -0.47 0.00	36.47 -0.49 0.00	33.93 -0.59 0.00	50.77 -0.93 0.00	42.30 -0.92 0.00	40.83 -0.78 0.00	43.97 -0.80 0.00	47.40 -0.69 0.00	53.18 -0.58 0.00	47.65 -0.59 0.00	51.61 -0.43 0.00	45.42 -0.21 0.00	203.73 -1.25 0.00	66.05 -0.25 0.00	66.34 0.10 0.00	57.05 0.04 0.00	56.28 -0.18 0.00	35.16 -0.07 0.00	39.99 -0.49 0.00	45.36 -1.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.67 2.23 0.00	43.82 2.11 0.00	47.25 2.00 0.00	43.67 1.78 0.00	39.15 1.56 0.00	38.45 1.49 0.00	35.99 1.47 0.00	53.96 2.26 0.00	45.11 1.90 0.00	43.62 2.00 0.00	47.08 2.30 0.00	50.74 2.65 0.00	56.89 3.12 0.00	51.20 2.96 0.00	55.16 3.12 0.00	48.39 2.76 0.00	216.68 11.69 0.00	70.40 4.11 0.01	70.61 4.39 0.01	60.75 3.74 0.00	59.93 3.46 0.00	37.53 2.29 0.00	42.88 2.40 0.00	48.76 2.37 0.00
HARSNRAD_115KV_TB1 81005	45.04 -3.39 0.00	39.30 -2.41 0.00	42.88 -2.37 0.00	39.37 -2.51 0.00	35.41 -2.18 0.00	34.93 -2.03 0.00	32.85 -1.67 0.00	49.12 -2.58 0.00	40.05 -3.16 0.00	38.50 -3.11 0.00	41.13 -3.64 0.00	43.37 -4.72 0.00	48.15 -5.62 0.00	43.70 -4.54 0.00	46.95 -5.10 0.00	41.29 -4.33 0.00	185.92 -19.06 0.00	57.80 -7.48 1.03	57.08 -7.47 1.68	50.51 -5.85 0.64	47.40 -5.90 3.17	32.24 -3.00 0.00	37.27 -3.22 0.00	43.68 -2.71 0.00
HARZA MOOSE___RIVER 24016	48.86 0.43 0.00	41.99 0.29 0.00	45.47 0.21 0.00	42.09 0.21 0.00	37.84 0.25 0.00	37.25 0.29 0.00	34.74 0.22 0.00	51.92 0.22 0.00	43.47 0.26 0.00	41.87 0.25 0.00	44.99 0.22 0.00	48.25 0.16 0.00	54.01 0.24 0.00	48.53 0.29 0.00	52.09 0.05 0.00	45.47 -0.15 0.00	204.73 -0.25 0.00	66.81 0.51 0.00	67.07 0.84 0.00	57.81 0.80 0.00	57.35 0.88 0.00	35.71 0.47 0.00	40.79 0.31 0.00	46.67 0.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.42 -1.01 0.00	40.99 -0.72 0.00	44.45 -0.80 0.00	41.10 -0.79 0.00	36.91 -0.68 0.00	36.31 -0.65 0.00	33.96 -0.56 0.00	50.88 -0.82 0.00	42.36 -0.85 0.00	40.82 -0.80 0.00	43.86 -0.91 0.00	46.98 -1.11 0.00	52.57 -1.20 0.00	47.15 -1.09 0.00	50.76 -1.29 0.00	44.54 -1.09 0.00	200.26 -4.72 0.00	64.69 -1.61 0.00	64.71 -1.53 0.00	55.76 -1.24 0.00	55.13 -1.33 0.00	34.57 -0.66 0.00	39.79 -0.69 0.00	45.72 -0.67 0.00
HELLGATE_13_KV_LD 55870	51.09 2.66 0.00	44.17 2.46 0.00	47.63 2.38 0.00	44.06 2.17 0.00	39.50 1.91 0.00	38.80 1.84 0.00	36.33 1.82 0.00	54.39 2.70 0.00	45.61 2.40 0.00	44.22 2.60 0.00	47.69 2.92 0.00	51.35 3.26 0.00	57.64 3.87 0.00	51.80 3.57 0.00	55.71 3.66 0.00	48.99 3.37 0.00	218.75 13.77 0.00	71.16 4.86 0.01	71.37 5.15 0.01	61.37 4.36 0.00	60.56 4.10 0.00	37.97 2.74 0.00	43.43 2.95 0.00	49.35 2.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.09 2.66 0.00	44.17 2.46 0.00	47.63 2.38 0.00	44.06 2.17 0.00	39.50 1.91 0.00	38.80 1.84 0.00	36.33 1.82 0.00	54.39 2.70 0.00	45.61 2.40 0.00	44.22 2.60 0.00	47.69 2.92 0.00	51.35 3.26 0.00	57.64 3.87 0.00	51.80 3.57 0.00	55.71 3.66 0.00	48.99 3.37 0.00	218.75 13.77 0.00	71.16 4.86 0.01	71.37 5.15 0.01	61.37 4.36 0.00	60.56 4.10 0.00	37.97 2.74 0.00	43.43 2.95 0.00	49.35 2.97 0.00
HEMPSTEAD____ 23647	50.75 2.32 0.00	43.98 2.28 0.00	47.35 2.10 0.00	43.76 1.87 0.00	39.38 1.79 0.00	38.70 1.75 0.00	36.19 1.67 0.00	54.18 2.49 0.00	45.46 2.25 0.00	46.64 2.38 -2.65	55.07 2.75 -7.54	56.46 3.03 -5.33	102.49 3.59 -45.13	60.93 3.28 -9.41	62.75 3.46 -7.24	69.50 3.11 -20.77	230.84 10.99 -14.87	83.42 4.45 -12.67	74.57 4.88 -3.45	71.97 4.15 -10.81	75.17 3.86 -14.84	74.74 2.67 -36.84	43.31 2.82 0.00	49.28 2.89 0.00
HICKLING___1 23621	47.31 -1.13 0.00	41.20 -0.51 0.00	44.51 -0.75 0.00	41.10 -0.79 0.00	36.91 -0.68 0.00	36.32 -0.64 0.00	34.18 -0.33 0.00	51.35 -0.35 0.00	42.33 -0.88 0.00	40.86 -0.76 0.00	44.07 -0.70 0.00	46.82 -1.28 0.00	52.36 -1.40 0.00	46.90 -1.33 0.00	50.42 -1.63 0.00	44.31 -1.32 0.00	202.06 -2.92 0.00	64.83 -1.90 -0.42	65.30 -1.67 -0.73	56.23 -1.19 -0.41	57.04 -1.55 -2.13	34.71 -0.52 0.00	39.91 -0.57 0.00	45.92 -0.47 0.00
HICKLING___2 23622	47.31 -1.13 0.00	41.20 -0.51 0.00	44.51 -0.75 0.00	41.10 -0.79 0.00	36.91 -0.68 0.00	36.32 -0.64 0.00	34.18 -0.33 0.00	51.35 -0.35 0.00	42.33 -0.88 0.00	40.86 -0.76 0.00	44.07 -0.70 0.00	46.82 -1.28 0.00	52.36 -1.40 0.00	46.90 -1.33 0.00	50.42 -1.63 0.00	44.31 -1.32 0.00	202.06 -2.92 0.00	64.83 -1.90 -0.42	65.30 -1.67 -0.73	56.23 -1.19 -0.41	57.04 -1.55 -2.13	34.71 -0.52 0.00	39.91 -0.57 0.00	45.92 -0.47 0.00
HIGH FALLS___HY 23754	50.97 2.54 0.00	44.07 2.37 0.00	47.54 2.29 0.00	43.94 2.05 0.00	39.37 1.79 0.00	38.67 1.72 0.00	36.19 1.67 0.00	54.27 2.57 0.00	45.42 2.21 0.00	43.95 2.33 0.00	47.43 2.66 0.00	51.03 2.93 0.00	57.20 3.44 0.00	51.48 3.24 0.00	55.52 3.48 0.00	48.69 3.07 0.00	218.22 13.24 0.00	70.85 4.55 0.01	71.05 4.82 0.01	61.12 4.12 0.00	60.34 3.88 0.00	37.79 2.56 0.00	43.15 2.67 0.00	49.07 2.68 0.00
HIGH_RIVER___SOLAR 323847	50.55 2.12 0.00	43.63 1.92 0.00	47.28 2.03 0.00	43.75 1.86 0.00	39.24 1.65 0.00	38.53 1.57 0.00	35.83 1.31 0.00	53.63 1.93 0.00	44.74 1.53 0.00	43.02 1.41 0.00	46.15 1.37 0.00	49.71 1.62 0.00	55.70 1.94 0.00	50.00 1.76 0.00	54.03 1.98 0.00	47.47 1.85 0.00	212.90 7.92 0.00	69.14 2.85 0.01	69.36 3.13 0.01	59.71 2.70 0.00	59.08 2.61 0.00	36.93 1.70 0.00	42.24 1.76 0.00	48.28 1.89 0.00
HILLBURN___GT 23639	50.59 2.16 0.00	43.78 2.07 0.00	47.18 1.93 0.00	43.61 1.73 0.00	39.09 1.51 0.00	38.38 1.42 0.00	35.93 1.41 0.00	53.90 2.20 0.00	45.03 1.82 0.00	43.56 1.94 0.00	47.03 2.25 0.00	50.69 2.60 0.00	56.79 3.03 0.00	51.11 2.87 0.00	55.07 3.03 0.00	48.30 2.67 0.00	216.04 11.07 0.00	70.26 3.97 0.01	70.50 4.27 0.01	60.67 3.66 0.00	59.85 3.38 0.00	37.47 2.24 0.00	42.82 2.34 0.00	48.69 2.30 0.00
HILLSIDE_115KV_TB1 80332	46.98 -1.46 0.00	40.89 -0.81 0.00	44.17 -1.08 0.00	40.80 -1.08 0.00	36.66 -0.92 0.00	36.06 -0.90 0.00	33.96 -0.57 0.00	51.03 -0.67 0.00	42.07 -1.14 0.00	40.59 -1.02 0.00	43.82 -0.96 0.00	46.54 -1.55 0.00	52.09 -1.67 0.00	46.63 -1.61 0.00	50.11 -1.94 0.00	44.07 -1.56 0.00	201.13 -3.85 0.00	64.46 -2.22 -0.38	64.95 -1.94 -0.65	55.91 -1.44 -0.34	56.37 -1.80 -1.71	34.54 -0.69 0.00	39.75 -0.74 0.00	45.65 -0.74 0.00

HISHELDN_WT_PWR 323625	45.47 -2.96 0.00	39.68 -2.03 0.00	43.09 -2.16 0.00	39.58 -2.31 0.00	35.48 -2.10 0.00	34.95 -2.01 0.00	32.90 -1.61 0.00	49.30 -2.39 0.00	40.34 -2.88 0.00	38.89 -2.73 0.00	41.68 -3.09 0.00	44.01 -4.07 0.00	49.16 -4.61 0.00	44.23 -4.01 0.00	47.62 -4.43 0.00	41.81 -3.81 0.00	189.10 -15.88 0.00	57.00 -6.22 3.08	54.97 -6.12 5.14	49.92 -4.91 2.18	40.55 -5.03 10.88	32.70 -2.53 0.00	37.71 -2.78 0.00	43.98 -2.42 0.00
HOLTSVILLE_IC_1 23690	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.04 10.34 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
HOLTSVILLE_IC_10 23699	51.25 2.82 0.00	44.47 2.76 0.00	47.81 2.56 0.00	44.18 2.29 0.00	39.77 2.18 0.00	39.09 2.13 0.00	36.52 2.01 0.00	54.62 2.93 0.00	45.90 2.69 0.00	44.89 2.73 -0.55	49.17 3.14 -1.25	51.26 3.34 0.17	24.45 3.98 33.30	53.72 3.78 -1.70	56.68 3.94 -0.69	51.83 3.61 -2.60	226.23 11.44 -9.80	76.58 5.33 -4.94	73.95 6.24 -1.48	69.54 5.28 -7.26	71.18 4.97 -9.74	33.10 3.39 5.52	43.97 3.49 0.00	50.13 3.74 0.00
HOLTSVILLE_IC_2 23691	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.04 10.34 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
HOLTSVILLE_IC_3 23692	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.04 10.34 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
HOLTSVILLE_IC_4 23693	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.04 10.34 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
HOLTSVILLE_IC_5 23694	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.04 10.34 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
HOLTSVILLE_IC_6 23695	51.25 2.82 0.00	44.47 2.76 0.00	47.81 2.56 0.00	44.18 2.29 0.00	39.77 2.18 0.00	39.09 2.13 0.00	36.52 2.01 0.00	54.62 2.93 0.00	45.90 2.69 0.00	44.89 2.73 -0.55	49.17 3.14 -1.25	51.26 3.34 0.17	24.45 3.98 33.30	53.72 3.78 -1.70	56.68 3.94 -0.69	51.83 3.61 -2.60	226.23 11.44 -9.80	76.58 5.33 -4.94	73.95 6.24 -1.48	69.54 5.28 -7.26	71.18 4.97 -9.74	33.10 3.39 5.52	43.97 3.49 0.00	50.13 3.74 0.00
HOLTSVILLE_IC_7 23696	51.25 2.82 0.00	44.47 2.76 0.00	47.81 2.56 0.00	44.18 2.29 0.00	39.77 2.18 0.00	39.09 2.13 0.00	36.52 2.01 0.00	54.62 2.93 0.00	45.90 2.69 0.00	44.89 2.73 -0.55	49.17 3.14 -1.25	51.26 3.34 0.17	24.45 3.98 33.30	53.72 3.78 -1.70	56.68 3.94 -0.69	51.83 3.61 -2.60	226.23 11.44 -9.80	76.58 5.33 -4.94	73.95 6.24 -1.48	69.54 5.28 -7.26	71.18 4.97 -9.74	33.10 3.39 5.52	43.97 3.49 0.00	50.13 3.74 0.00
HOLTSVILLE_IC_8 23697	51.25 2.82 0.00	44.47 2.76 0.00	47.81 2.56 0.00	44.18 2.29 0.00	39.77 2.18 0.00	39.09 2.13 0.00	36.52 2.01 0.00	54.62 2.93 0.00	45.90 2.69 0.00	44.89 2.73 -0.55	49.17 3.14 -1.25	51.26 3.34 0.17	24.45 3.98 33.30	53.72 3.78 -1.70	56.68 3.94 -0.69	51.83 3.61 -2.60	226.23 11.44 -9.80	76.58 5.33 -4.94	73.95 6.24 -1.48	69.54 5.28 -7.26	71.18 4.97 -9.74	33.10 3.39 5.52	43.97 3.49 0.00	50.13 3.74 0.00
HOLTSVILLE_IC_9 23698	51.25 2.82 0.00	44.47 2.76 0.00	47.81 2.56 0.00	44.18 2.29 0.00	39.77 2.18 0.00	39.09 2.13 0.00	36.52 2.01 0.00	54.62 2.93 0.00	45.90 2.69 0.00	44.89 2.73 -0.55	49.17 3.14 -1.25	51.26 3.34 0.17	24.45 3.98 33.30	53.72 3.78 -1.70	56.68 3.94 -0.69	51.83 3.61 -2.60	226.23 11.44 -9.80	76.58 5.33 -4.94	73.95 6.24 -1.48	69.54 5.28 -7.26	71.18 4.97 -9.74	33.10 3.39 5.52	43.97 3.49 0.00	50.13 3.74 0.00
HOMER_HL_115KV_TB2 355744	46.03 -2.41 0.00	40.34 -1.37 0.00	43.82 -1.43 0.00	40.35 -1.53 0.00	36.27 -1.32 0.00	35.76 -1.20 0.00	33.79 -0.73 0.00	50.81 -0.89 0.00	41.60 -1.62 0.00	40.13 -1.48 0.00	43.03 -1.74 0.00	45.19 -2.90 0.00	50.42 -3.34 0.00	45.11 -3.13 0.00	48.53 -3.52 0.00	42.64 -2.99 0.00	193.38 -11.60 0.00	61.29 -4.56 0.44	61.50 -4.04 0.70	53.76 -3.04 0.20	52.18 -3.27 1.02	33.61 -1.62 0.00	38.76 -1.72 0.00	45.20 -1.19 0.00
HOWARD_WT_PWR 323690	46.56 -1.88 0.00	40.68 -1.03 0.00	44.11 -1.14 0.00	40.65 -1.23 0.00	36.49 -1.10 0.00	35.79 -1.17 0.00	33.63 -0.89 0.00	50.40 -1.29 0.00	41.55 -1.66 0.00	40.23 -1.39 0.00	43.38 -1.39 0.00	45.89 -2.21 0.00	51.26 -2.51 0.00	45.91 -2.33 0.00	49.47 -2.58 0.00	43.41 -2.22 0.00	197.17 -7.81 0.00	66.07 -3.42 -3.18	68.29 -3.35 -5.40	56.74 -2.73 -2.47	65.85 -2.92 -12.30	33.70 -1.53 0.00	38.89 -1.59 0.00	44.92 -1.47 0.00
HQ_GEN_CEDARS 23644	49.51 1.08 0.00	42.13 0.42 0.00	45.65 0.39 0.00	42.23 0.35 0.00	37.89 0.31 0.00	37.26 0.30 0.00	34.82 0.30 0.00	52.23 0.53 0.00	43.77 0.55 0.00	41.92 0.31 0.00	45.02 0.24 0.00	48.39 0.30 0.00	53.93 0.16 0.00	48.43 0.19 0.00	52.35 0.31 0.00	45.76 0.13 0.00	206.23 1.25 0.00	66.68 0.38 0.00	66.55 0.32 0.00	57.10 0.09 0.00	57.13 0.67 0.00	35.13 -0.11 0.00	40.23 -0.25 0.00	46.16 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	49.51 1.08 0.00	42.13 0.42 0.00	45.65 0.39 0.00	42.23 0.35 0.00	37.89 0.31 0.00	37.26 0.30 0.00	34.82 0.30 0.00	52.23 0.53 0.00	43.77 0.55 0.00	41.92 0.31 0.00	45.02 0.24 0.00	48.39 0.30 0.00	53.92 0.16 0.00	48.43 0.20 0.00	52.36 0.32 0.00	45.76 0.13 0.00	206.23 1.25 0.00	66.68 0.38 0.00	66.55 0.31 0.00	57.10 0.09 0.00	57.13 0.67 0.00	35.13 -0.11 0.00	40.23 -0.25 0.00	46.16 -0.22 0.00

HQ_GEN_IMPORT 323601	48.90 0.47 0.00	41.80 0.10 0.00	45.42 0.16 0.00	42.05 0.16 0.00	37.73 0.14 0.00	37.08 0.12 0.00	34.62 0.11 0.00	52.34 0.20 -0.45	43.52 0.31 0.00	41.81 0.20 0.00	44.98 0.21 0.00	48.34 0.25 0.00	53.94 0.18 0.00	48.37 0.13 0.00	52.28 0.24 0.00	45.72 0.10 0.00	204.71 1.05 1.32	66.54 0.24 0.00	66.21 -0.03 0.00	57.00 -0.01 0.00	56.61 0.15 0.00	35.03 -0.20 0.00	40.30 -0.18 0.00	46.26 -0.13 0.00
HQ_GEN_WHEEL 23651	48.90 0.47 0.00	41.80 0.10 0.00	45.42 0.16 0.00	42.05 0.16 0.00	37.73 0.14 0.00	37.08 0.12 0.00	34.62 0.11 0.00	52.34 0.20 -0.45	43.52 0.31 0.00	41.81 0.20 0.00	44.98 0.21 0.00	48.34 0.25 0.00	53.94 0.18 0.00	48.37 0.13 0.00	52.28 0.24 0.00	45.72 0.10 0.00	204.71 1.05 1.32	66.54 0.24 0.00	66.21 -0.03 0.00	57.00 -0.01 0.00	56.61 0.15 0.00	35.03 -0.20 0.00	40.30 -0.18 0.00	46.26 -0.13 0.00
HUDSON AVE_GT_3 23810	50.92 2.49 0.00	44.04 2.33 0.00	47.47 2.22 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.69 0.00	54.23 2.54 0.00	45.41 2.20 0.00	44.00 2.39 0.00	47.47 2.69 0.00	51.12 3.03 0.00	57.33 3.57 0.00	51.54 3.30 0.00	55.48 3.43 0.00	48.71 3.09 0.00	217.68 12.70 0.00	70.74 4.45 0.01	71.01 4.78 0.01	61.08 4.07 0.00	60.25 3.79 0.00	37.79 2.56 0.00	43.23 2.75 0.00	49.15 2.76 0.00
HUDSON AVE_GT_4 23540	50.92 2.49 0.00	44.04 2.33 0.00	47.47 2.22 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.69 0.00	54.23 2.54 0.00	45.41 2.20 0.00	44.00 2.39 0.00	47.47 2.69 0.00	51.12 3.03 0.00	57.33 3.57 0.00	51.54 3.30 0.00	55.48 3.43 0.00	48.71 3.09 0.00	217.68 12.70 0.00	70.74 4.45 0.01	71.01 4.78 0.01	61.08 4.07 0.00	60.25 3.79 0.00	37.79 2.56 0.00	43.23 2.75 0.00	49.15 2.76 0.00
HUDSON AVE_GT_5 23657	50.92 2.49 0.00	44.04 2.33 0.00	47.47 2.22 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.69 0.00	54.23 2.54 0.00	45.41 2.20 0.00	44.00 2.39 0.00	47.47 2.69 0.00	51.12 3.03 0.00	57.33 3.57 0.00	51.54 3.30 0.00	55.48 3.43 0.00	48.71 3.09 0.00	217.68 12.70 0.00	70.74 4.45 0.01	71.01 4.78 0.01	61.08 4.07 0.00	60.25 3.79 0.00	37.79 2.56 0.00	43.23 2.75 0.00	49.15 2.76 0.00
HUDSON_AVE_10 24168	50.72 2.29 0.00	43.86 2.15 0.00	47.32 2.06 0.00	43.74 1.86 0.00	39.21 1.63 0.00	38.50 1.54 0.00	36.14 1.62 0.00	54.15 2.45 0.00	45.33 2.12 0.00	43.93 2.31 0.00	47.36 2.59 0.00	51.00 2.91 0.00	91.86 3.37 -34.73	51.62 3.19 -0.19	55.95 3.27 -0.63	49.95 2.95 -1.38	217.10 12.12 0.00	71.46 4.22 -0.93	70.82 4.59 0.01	60.91 3.90 0.00	60.07 3.61 0.00	52.25 2.44 -14.58	43.18 2.70 0.00	49.06 2.68 0.00
HUDSON___115KV_TB 4 355613	49.50 1.07 0.00	42.84 1.13 0.00	46.39 1.14 0.00	42.95 1.07 0.00	38.58 1.00 0.00	37.97 1.01 0.00	35.45 0.93 0.00	52.96 1.26 0.00	44.27 1.06 0.00	42.69 1.08 0.00	45.93 1.16 0.00	49.49 1.40 0.00	55.52 1.76 0.00	49.77 1.54 0.00	53.84 1.79 0.00	47.37 1.75 0.00	211.28 6.30 0.00	68.64 2.34 0.00	69.11 2.88 0.01	59.45 2.45 0.00	58.78 2.31 0.00	36.81 1.57 0.00	42.02 1.54 0.00	47.84 1.45 0.00
HUNTER MOUNT___DRP 323613	49.64 1.21 0.00	42.94 1.23 0.00	46.51 1.26 0.00	43.08 1.20 0.00	38.69 1.11 0.00	38.10 1.14 0.00	35.56 1.04 0.00	53.14 1.44 0.00	44.45 1.24 0.00	42.84 1.23 0.00	46.08 1.31 0.00	49.68 1.59 0.00	55.74 1.98 0.00	49.93 1.69 0.00	54.06 2.02 0.00	47.56 1.94 0.00	211.47 6.49 0.00	68.69 2.39 0.00	69.39 3.16 0.01	59.70 2.69 0.00	59.02 2.55 0.00	36.95 1.72 0.00	42.17 1.68 0.00	48.00 1.62 0.00
HUNTINGTON_RES_REC 323705	50.93 2.51 0.00	44.19 2.49 0.00	47.55 2.30 0.00	43.93 2.05 0.00	39.55 1.96 0.00	38.88 1.93 0.00	36.33 1.81 0.00	54.33 2.63 0.00	45.63 2.42 0.00	44.66 2.49 -0.55	48.92 2.88 -1.26	51.02 3.09 0.16	24.34 3.71 33.13	53.45 3.49 -1.72	56.39 3.64 -0.70	51.57 3.31 -2.64	225.79 10.97 -9.84	76.18 4.90 -4.97	73.36 5.64 -1.48	69.08 4.78 -7.29	70.75 4.51 -9.78	32.92 3.09 5.40	43.64 3.16 0.00	49.71 3.32 0.00
HUNTLEY___63 23557	45.15 -3.28 0.00	39.39 -2.32 0.00	42.97 -2.29 0.00	39.46 -2.43 0.00	35.48 -2.11 0.00	35.00 -1.96 0.00	32.92 -1.59 0.00	49.23 -2.47 0.00	40.27 -2.94 0.00	38.77 -2.85 0.00	41.45 -3.32 0.00	43.68 -4.41 0.00	48.59 -5.17 0.00	44.08 -4.16 0.00	47.38 -4.67 0.00	41.66 -3.97 0.00	187.61 -17.37 0.00	58.14 -7.05 1.11	57.38 -7.04 1.82	50.80 -5.52 0.68	47.47 -5.58 3.41	32.44 -2.79 0.00	37.51 -2.97 0.00	43.92 -2.47 0.00
HUNTLEY___64 23558	45.15 -3.28 0.00	39.39 -2.32 0.00	42.97 -2.29 0.00	39.46 -2.43 0.00	35.48 -2.11 0.00	35.00 -1.96 0.00	32.92 -1.59 0.00	49.23 -2.47 0.00	40.27 -2.94 0.00	38.77 -2.85 0.00	41.45 -3.32 0.00	43.68 -4.41 0.00	48.59 -5.17 0.00	44.08 -4.16 0.00	47.38 -4.67 0.00	41.66 -3.97 0.00	187.61 -17.37 0.00	58.14 -7.05 1.11	57.38 -7.04 1.82	50.80 -5.52 0.68	47.47 -5.58 3.41	32.44 -2.79 0.00	37.51 -2.97 0.00	43.92 -2.47 0.00
HUNTLEY___65 23559	45.15 -3.28 0.00	39.39 -2.32 0.00	42.97 -2.29 0.00	39.46 -2.43 0.00	35.48 -2.11 0.00	35.00 -1.96 0.00	32.92 -1.59 0.00	49.23 -2.47 0.00	40.27 -2.94 0.00	38.77 -2.85 0.00	41.45 -3.32 0.00	43.68 -4.41 0.00	48.59 -5.17 0.00	44.08 -4.16 0.00	47.38 -4.67 0.00	41.66 -3.97 0.00	187.61 -17.37 0.00	58.14 -7.05 1.11	57.38 -7.04 1.82	50.80 -5.52 0.68	47.47 -5.58 3.41	32.44 -2.79 0.00	37.51 -2.97 0.00	43.92 -2.47 0.00
HUNTLEY___66 23560	45.15 -3.28 0.00	39.39 -2.32 0.00	42.97 -2.29 0.00	39.46 -2.43 0.00	35.48 -2.11 0.00	35.00 -1.96 0.00	32.92 -1.59 0.00	49.23 -2.47 0.00	40.27 -2.94 0.00	38.77 -2.85 0.00	41.45 -3.32 0.00	43.68 -4.41 0.00	48.59 -5.17 0.00	44.08 -4.16 0.00	47.38 -4.67 0.00	41.66 -3.97 0.00	187.61 -17.37 0.00	58.14 -7.05 1.11	57.38 -7.04 1.82	50.80 -5.52 0.68	47.47 -5.58 3.41	32.44 -2.79 0.00	37.51 -2.97 0.00	43.92 -2.47 0.00
HUNTLEY___67 23561	45.00 -3.43 0.00	39.27 -2.44 0.00	42.82 -2.43 0.00	39.34 -2.55 0.00	35.37 -2.22 0.00	34.87 -2.09 0.00	32.80 -1.72 0.00	49.08 -2.62 0.00	40.11 -3.11 0.00	38.61 -3.00 0.00	41.30 -3.47 0.00	43.52 -4.57 0.00	48.45 -5.32 0.00	43.88 -4.35 0.00	47.18 -4.87 0.00	41.48 -4.14 0.00	186.96 -18.02 0.00	57.91 -7.12 1.28	57.00 -7.15 2.09	50.56 -5.65 0.80	46.75 -5.74 3.97	32.36 -2.87 0.00	37.43 -3.05 0.00	43.81 -2.58 0.00
HUNTLEY___68 23562	45.00 -3.43 0.00	39.27 -2.44 0.00	42.82 -2.43 0.00	39.34 -2.55 0.00	35.37 -2.22 0.00	34.87 -2.09 0.00	32.80 -1.72 0.00	49.08 -2.62 0.00	40.11 -3.11 0.00	38.61 -3.00 0.00	41.30 -3.47 0.00	43.52 -4.57 0.00	48.45 -5.32 0.00	43.88 -4.35 0.00	47.18 -4.87 0.00	41.48 -4.14 0.00	186.96 -18.02 0.00	57.91 -7.12 1.28	57.00 -7.15 2.09	50.56 -5.65 0.80	46.75 -5.74 3.97	32.36 -2.87 0.00	37.43 -3.05 0.00	43.81 -2.58 0.00

HYLAND___LFGE 323620	48.06 -0.37 0.00	41.77 0.06 0.00	45.32 0.06 0.00	41.73 -0.15 0.00	37.44 -0.14 0.00	36.94 -0.02 0.00	34.74 0.22 0.00	52.15 0.45 0.00	42.89 -0.32 0.00	41.26 -0.35 0.00	44.27 -0.50 0.00	46.69 -1.40 0.00	52.23 -1.54 0.00	46.46 -1.78 0.00	50.33 -1.71 0.00	44.26 -1.37 0.00	200.83 -4.15 0.00	68.19 -1.72 -3.60	70.74 -1.59 -6.09	58.92 -0.84 -2.75	69.37 -0.81 -13.71	35.20 -0.03 0.00	40.39 -0.09 0.00	46.69 0.30 0.00
INDECK___CORINTH 23802	50.93 2.50 0.00	44.13 2.42 0.00	47.77 2.52 0.00	44.11 2.22 0.00	39.37 1.78 0.00	38.59 1.63 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.23 2.02 0.00	43.61 1.99 0.00	47.02 2.25 0.00	50.64 2.55 0.00	56.65 2.89 0.00	50.85 2.61 0.00	55.05 3.00 0.00	48.37 2.74 0.00	216.84 11.86 0.00	70.47 4.17 0.00	70.83 4.60 0.01	61.03 4.02 0.00	60.31 3.85 0.00	37.72 2.49 0.00	42.90 2.42 0.00	48.72 2.33 0.00
INDECK___ILION 23567	48.03 -0.40 0.00	41.50 -0.21 0.00	44.99 -0.27 0.00	41.63 -0.25 0.00	37.37 -0.22 0.00	36.74 -0.22 0.00	34.23 -0.29 0.00	51.25 -0.45 0.00	42.76 -0.45 0.00	41.24 -0.38 0.00	44.40 -0.37 0.00	47.78 -0.31 0.00	53.53 -0.22 0.00	48.00 -0.23 0.00	51.87 -0.17 0.00	45.58 -0.05 0.00	204.53 -0.45 0.00	66.29 -0.02 0.00	66.44 0.21 0.00	57.14 0.14 0.00	56.49 0.02 0.00	35.30 0.07 0.00	40.34 -0.14 0.00	45.96 -0.43 0.00
INDECK___OLEAN 23982	46.03 -2.41 0.00	40.34 -1.37 0.00	43.83 -1.43 0.00	40.34 -1.55 0.00	36.23 -1.36 0.00	35.76 -1.20 0.00	33.79 -0.73 0.00	50.82 -0.88 0.00	41.60 -1.62 0.00	40.13 -1.48 0.00	43.02 -1.75 0.00	45.19 -2.90 0.00	50.55 -3.21 0.00	45.11 -3.13 0.00	48.53 -3.52 0.00	42.63 -2.99 0.00	193.37 -11.61 0.00	61.29 -4.56 0.44	61.54 -4.00 0.70	53.77 -3.04 0.20	52.20 -3.25 1.02	33.62 -1.62 0.00	38.76 -1.72 0.00	45.20 -1.19 0.00
INDECK___OSWEGO 23783	46.95 -1.48 0.00	40.54 -1.17 0.00	43.97 -1.28 0.00	40.67 -1.21 0.00	36.49 -1.09 0.00	35.93 -1.04 0.00	33.58 -0.94 0.00	50.27 -1.42 0.00	41.92 -1.29 0.00	40.39 -1.23 0.00	43.37 -1.41 0.00	46.47 -1.62 0.00	51.97 -1.79 0.00	46.59 -1.65 0.00	50.13 -1.92 0.00	43.95 -1.67 0.00	197.44 -7.54 0.00	63.91 -2.40 0.00	63.94 -2.29 0.00	55.13 -1.88 0.00	54.53 -1.93 0.00	34.15 -1.08 0.00	39.32 -1.17 0.00	45.17 -1.22 0.00
INDECK___YERKES 23781	45.18 -3.26 0.00	39.42 -2.29 0.00	43.01 -2.25 0.00	39.47 -2.42 0.00	35.45 -2.13 0.00	35.01 -1.94 0.00	32.94 -1.58 0.00	49.28 -2.42 0.00	40.30 -2.91 0.00	38.79 -2.83 0.00	41.46 -3.32 0.00	43.72 -4.37 0.00	48.77 -4.99 0.00	44.11 -4.13 0.00	47.41 -4.63 0.00	41.68 -3.95 0.00	187.72 -17.26 0.00	58.19 -7.00 1.11	57.43 -6.99 1.82	50.83 -5.49 0.68	47.52 -5.53 3.41	32.47 -2.76 0.00	37.53 -2.95 0.00	43.96 -2.43 0.00
INDIAN POINT_GT_1 24139	50.48 2.05 0.00	43.69 1.99 0.00	47.10 1.85 0.00	43.54 1.66 0.00	39.03 1.45 0.00	38.33 1.37 0.00	35.87 1.35 0.00	53.77 2.07 0.00	44.94 1.73 0.00	43.48 1.87 0.00	46.91 2.14 0.00	50.54 2.45 0.00	56.67 2.90 0.00	50.97 2.73 0.00	54.91 2.87 0.00	48.18 2.56 0.00	215.57 10.59 0.00	70.05 3.75 0.01	70.30 4.07 0.01	60.48 3.47 0.00	59.68 3.21 0.00	37.39 2.16 0.00	42.75 2.27 0.00	48.62 2.23 0.00
INDIAN POINT_GT_2 23659	50.48 2.05 0.00	43.69 1.99 0.00	47.10 1.85 0.00	43.54 1.66 0.00	39.03 1.45 0.00	38.33 1.37 0.00	35.87 1.35 0.00	53.77 2.07 0.00	44.94 1.73 0.00	43.48 1.87 0.00	46.91 2.14 0.00	50.54 2.45 0.00	56.67 2.90 0.00	50.97 2.73 0.00	54.91 2.87 0.00	48.18 2.56 0.00	215.57 10.59 0.00	70.05 3.75 0.01	70.30 4.07 0.01	60.48 3.47 0.00	59.68 3.21 0.00	37.39 2.16 0.00	42.75 2.27 0.00	48.62 2.23 0.00
INDIAN POINT_GT_3 24019	50.48 2.05 0.00	43.69 1.99 0.00	47.10 1.85 0.00	43.54 1.66 0.00	39.03 1.45 0.00	38.33 1.37 0.00	35.87 1.35 0.00	53.77 2.07 0.00	44.94 1.73 0.00	43.48 1.87 0.00	46.91 2.14 0.00	50.54 2.45 0.00	56.67 2.90 0.00	50.97 2.73 0.00	54.91 2.87 0.00	48.18 2.56 0.00	215.57 10.59 0.00	70.05 3.75 0.01	70.30 4.07 0.01	60.48 3.47 0.00	59.68 3.21 0.00	37.39 2.16 0.00	42.75 2.27 0.00	48.62 2.23 0.00
INDIAN POINT___2 23530	50.46 2.03 0.00	43.67 1.96 0.00	47.07 1.82 0.00	43.51 1.63 0.00	39.01 1.42 0.00	38.31 1.35 0.00	35.85 1.33 0.00	53.75 2.05 0.00	44.92 1.71 0.00	43.45 1.83 0.00	46.88 2.11 0.00	50.52 2.43 0.00	56.60 2.84 0.00	50.93 2.70 0.00	54.88 2.84 0.00	48.14 2.52 0.00	215.52 10.54 0.00	70.00 3.70 0.01	70.26 4.03 0.01	60.46 3.45 0.00	59.63 3.17 0.00	37.36 2.12 0.00	42.72 2.23 0.00	48.58 2.19 0.00
INDIAN POINT___3 23531	50.46 2.03 0.00	43.67 1.97 0.00	47.09 1.84 0.00	43.52 1.64 0.00	39.01 1.43 0.00	38.32 1.36 0.00	35.85 1.34 0.00	53.76 2.06 0.00	44.93 1.72 0.00	43.45 1.84 0.00	46.88 2.11 0.00	50.51 2.42 0.00	56.63 2.86 0.00	50.93 2.69 0.00	54.89 2.85 0.00	48.15 2.53 0.00	215.54 10.56 0.00	70.01 3.72 0.01	70.26 4.03 0.01	60.46 3.45 0.00	59.64 3.17 0.00	37.38 2.15 0.00	42.73 2.24 0.00	48.60 2.21 0.00
INGHAM_C_115KV_TB7 356103	47.38 -1.05 0.00	41.01 -0.69 0.00	44.44 -0.81 0.00	41.12 -0.77 0.00	36.92 -0.66 0.00	36.27 -0.69 0.00	33.70 -0.81 0.00	50.40 -1.30 0.00	41.97 -1.24 0.00	40.53 -1.08 0.00	43.65 -1.13 0.00	47.12 -0.96 0.00	52.94 -0.82 0.00	47.41 -0.83 0.00	51.41 -0.64 0.00	45.27 -0.36 0.00	203.06 -1.92 0.00	65.85 -0.45 0.00	66.27 0.04 0.00	56.97 -0.04 0.00	56.20 -0.27 0.00	35.17 -0.06 0.00	39.96 -0.53 0.00	45.22 -1.17 0.00
IP CORINTH___1 23988	50.93 2.50 0.00	44.13 2.42 0.00	47.77 2.52 0.00	44.10 2.22 0.00	39.37 1.78 0.00	38.59 1.64 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.23 2.02 0.00	43.61 1.99 0.00	47.01 2.24 0.00	50.64 2.56 0.00	56.67 2.91 0.00	50.85 2.61 0.00	55.05 3.01 0.00	48.36 2.74 0.00	216.85 11.87 0.00	70.47 4.17 0.00	70.83 4.60 0.01	61.03 4.02 0.00	60.32 3.85 0.00	37.72 2.49 0.00	42.90 2.42 0.00	48.73 2.34 0.00
IP___TICONDEROGA 23804	52.19 3.75 0.00	45.45 3.75 0.00	49.07 3.82 0.00	45.14 3.25 0.00	40.39 2.80 0.00	39.71 2.75 0.00	37.41 2.89 0.00	55.98 4.29 0.00	46.76 3.55 0.00	44.91 3.29 0.00	48.60 3.82 0.00	52.52 4.43 0.00	58.50 4.74 0.00	52.30 4.06 0.00	56.99 4.94 0.00	49.87 4.25 0.00	223.28 18.30 0.00	72.88 6.59 0.00	73.66 7.43 0.01	63.77 6.76 0.00	63.03 6.56 0.00	39.36 4.13 0.00	44.42 3.94 0.00	49.99 3.60 0.00
ISLIP_RES_REC 323679	51.47 3.04 0.00	44.66 2.95 0.00	48.04 2.78 0.00	44.37 2.48 0.00	39.92 2.34 0.00	39.26 2.30 0.00	36.69 2.17 0.00	54.88 3.18 0.00	46.09 2.88 0.00	45.11 2.92 -0.58	49.48 3.37 -1.34	51.56 3.56 0.09	25.68 4.23 32.31	54.06 4.01 -1.81	57.02 4.20 -0.78	52.30 3.84 -2.84	227.38 12.55 -9.86	77.04 5.71 -5.04	74.35 6.62 -1.50	69.91 5.61 -7.30	71.57 5.31 -9.79	33.76 3.59 5.07	44.20 3.72 0.00	50.37 3.98 0.00

JAMAICA__27_KV_LOAD 355505	50.64 2.20 0.00	43.81 2.10 0.00	47.32 2.07 0.00	43.74 1.86 0.00	39.20 1.61 0.00	38.44 1.48 0.00	36.29 1.77 0.00	54.41 2.71 0.00	45.52 2.31 0.00	44.15 2.53 0.00	47.53 2.76 0.00	51.14 3.05 0.00	100.72 3.37 -43.58	51.84 3.36 -0.24	56.25 3.42 -0.79	50.41 3.05 -1.73	217.78 12.80 0.00	71.77 4.29 -1.17	71.00 4.77 0.01	61.04 4.03 0.00	60.18 3.72 0.00	56.03 2.50 -18.30	43.45 2.97 0.00	49.34 2.95 0.00
JANIS__SOLAR 323808	49.70 1.26 0.00	42.89 1.19 0.00	46.49 1.24 0.00	43.01 1.12 0.00	38.60 1.02 0.00	38.03 1.07 0.00	35.62 1.11 0.00	53.46 1.76 0.00	44.33 1.12 0.00	42.64 1.03 0.00	45.96 1.18 0.00	49.15 1.06 0.00	54.91 1.15 0.00	49.19 0.95 0.00	53.16 1.11 0.00	46.69 1.06 0.00	210.74 5.76 0.00	68.38 1.87 -0.22	68.76 2.15 -0.37	59.09 1.90 -0.18	59.02 1.63 -0.93	36.34 1.11 0.00	41.43 0.95 0.00	47.41 1.02 0.00
JARVIS____ 23743	48.32 -0.11 0.00	41.69 -0.02 0.00	45.21 -0.04 0.00	41.84 -0.04 0.00	37.55 -0.04 0.00	36.92 -0.04 0.00	34.48 -0.03 0.00	51.64 -0.06 0.00	43.13 -0.08 0.00	41.56 -0.05 0.00	44.73 -0.05 0.00	48.04 -0.05 0.00	53.75 -0.01 0.00	48.24 0.00 0.00	52.01 -0.04 0.00	45.62 0.00 0.00	204.80 -0.18 0.00	66.31 0.00 0.00	66.33 0.09 0.00	57.07 0.06 0.00	56.47 0.01 0.00	35.32 0.09 0.00	40.52 0.04 0.00	46.39 0.00 0.00
JENNISON____1 23625	49.99 1.56 0.00	43.00 1.29 0.00	46.67 1.42 0.00	43.30 1.41 0.00	38.87 1.28 0.00	38.28 1.32 0.00	35.75 1.24 0.00	53.73 2.04 0.00	44.73 1.52 0.00	43.10 1.49 0.00	46.39 1.62 0.00	49.63 1.54 0.00	55.66 1.89 0.00	49.96 1.72 0.00	53.82 1.78 0.00	47.23 1.61 0.00	213.28 8.30 0.00	68.84 2.56 0.03	68.79 2.59 0.04	59.11 2.10 0.00	58.14 1.67 0.00	36.52 1.29 0.00	41.53 1.05 0.00	47.37 0.98 0.00
JENNISON____2 23626	49.99 1.56 0.00	43.00 1.29 0.00	46.67 1.42 0.00	43.30 1.41 0.00	38.87 1.28 0.00	38.28 1.32 0.00	35.75 1.24 0.00	53.73 2.04 0.00	44.73 1.52 0.00	43.10 1.49 0.00	46.39 1.62 0.00	49.63 1.54 0.00	55.66 1.89 0.00	49.96 1.72 0.00	53.82 1.78 0.00	47.23 1.61 0.00	213.28 8.30 0.00	68.84 2.56 0.03	68.79 2.59 0.04	59.11 2.10 0.00	58.14 1.67 0.00	36.52 1.29 0.00	41.53 1.05 0.00	47.37 0.98 0.00
JERICOHO_RISE_WT_PWR 323719	49.42 0.99 0.00	42.09 0.38 0.00	45.56 0.30 0.00	42.13 0.24 0.00	37.80 0.22 0.00	37.18 0.23 0.00	34.80 0.28 0.00	52.20 0.50 0.00	43.72 0.51 0.00	41.93 0.32 0.00	45.07 0.30 0.00	48.41 0.31 0.00	53.92 0.16 0.00	48.39 0.15 0.00	52.41 0.36 0.00	45.81 0.19 0.00	206.44 1.46 0.00	66.66 0.36 0.00	66.60 0.37 0.00	57.44 0.44 0.00	57.05 0.58 0.00	34.98 -0.25 0.00	39.91 -0.57 0.00	45.75 -0.64 0.00
KATONAH__115KV_46KV_TB4 355592	50.69 2.25 0.00	43.87 2.16 0.00	47.30 2.05 0.00	43.72 1.84 0.00	39.19 1.61 0.00	38.51 1.55 0.00	36.04 1.53 0.00	53.99 2.29 0.00	45.17 1.96 0.00	43.71 2.10 0.00	47.16 2.39 0.00	50.81 2.72 0.00	56.97 3.21 0.00	51.23 2.99 0.00	55.21 3.16 0.00	48.46 2.84 0.00	216.78 11.80 0.00	70.47 4.17 0.01	70.72 4.49 0.01	60.85 3.84 0.00	60.04 3.57 0.00	37.63 2.39 0.00	42.98 2.50 0.00	48.88 2.49 0.00
KCE_NY_1 323755	50.47 2.04 0.00	43.70 1.99 0.00	47.36 2.11 0.00	43.77 1.88 0.00	39.17 1.58 0.00	38.46 1.51 0.00	36.00 1.48 0.00	53.84 2.14 0.00	44.91 1.70 0.00	43.30 1.69 0.00	46.62 1.85 0.00	50.29 2.20 0.00	56.28 2.52 0.00	50.48 2.25 0.00	54.61 2.56 0.00	48.03 2.40 0.00	215.35 10.38 0.00	69.92 3.62 0.00	70.21 3.98 0.01	60.38 3.38 0.00	59.63 3.17 0.00	37.37 2.14 0.00	42.61 2.13 0.00	48.55 2.16 0.00
KCE_NY_6_ESR 323823	45.48 -2.95 0.00	39.67 -2.04 0.00	43.20 -2.05 0.00	39.68 -2.20 0.00	35.62 -1.96 0.00	35.15 -1.81 0.00	33.11 -1.41 0.00	49.51 -2.19 0.00	40.46 -2.75 0.00	38.96 -2.66 0.00	41.70 -3.08 0.00	44.01 -4.08 0.00	49.11 -4.65 0.00	44.31 -3.92 0.00	47.63 -4.41 0.00	41.87 -3.76 0.00	189.08 -15.90 0.00	58.60 -6.40 1.30	57.77 -6.33 2.14	51.25 -4.93 0.83	47.34 -5.00 4.13	32.75 -2.48 0.00	37.82 -2.66 0.00	44.20 -2.19 0.00
KEDC PORT_JEFF_GT2 24210	51.23 2.80 0.00	44.44 2.73 0.00	47.81 2.56 0.00	44.16 2.28 0.00	39.74 2.16 0.00	39.08 2.12 0.00	36.52 2.00 0.00	54.62 2.92 0.00	45.87 2.66 0.00	44.87 2.72 -0.54	49.11 3.13 -1.21	51.21 3.33 0.21	23.94 3.98 33.80	53.66 3.77 -1.65	56.63 3.94 -0.65	51.70 3.60 -2.48	226.29 11.53 -9.78	76.53 5.33 -4.90	73.92 6.22 -1.46	69.50 5.25 -7.24	71.14 4.96 -9.72	32.86 3.38 5.75	43.97 3.49 0.00	50.11 3.72 0.00
KEDC PORT_JEFF_GT3 24211	51.23 2.80 0.00	44.44 2.73 0.00	47.81 2.56 0.00	44.16 2.28 0.00	39.74 2.16 0.00	39.08 2.12 0.00	36.52 2.00 0.00	54.62 2.92 0.00	45.87 2.66 0.00	44.87 2.72 -0.54	49.11 3.13 -1.21	51.21 3.33 0.21	23.94 3.98 33.80	53.66 3.77 -1.65	56.63 3.94 -0.65	51.70 3.60 -2.48	226.29 11.53 -9.78	76.53 5.33 -4.90	73.92 6.22 -1.46	69.50 5.25 -7.24	71.14 4.96 -9.72	32.86 3.38 5.75	43.97 3.49 0.00	50.11 3.72 0.00
KEDC_GLWD_GT4 24219	50.98 2.55 0.00	44.17 2.46 0.00	47.57 2.31 0.00	43.96 2.07 0.00	39.51 1.93 0.00	38.84 1.88 0.00	36.33 1.82 0.00	54.41 2.71 0.00	45.62 2.41 0.00	47.01 2.53 -2.87	55.80 2.93 -8.10	56.89 3.25 -5.56	125.07 3.82 -67.48	62.01 3.50 -10.26	63.87 3.66 -8.16	72.13 3.32 -23.19	234.81 12.64 -17.19	85.83 4.77 -14.75	75.06 4.97 -3.85	73.80 4.23 -12.55	77.59 3.96 -17.16	77.40 2.71 -39.46	43.43 2.95 0.00	49.41 3.02 0.00
KEDC_GLWD_GT5 24220	50.98 2.55 0.00	44.17 2.46 0.00	47.57 2.31 0.00	43.96 2.07 0.00	39.51 1.93 0.00	38.84 1.88 0.00	36.33 1.82 0.00	54.41 2.71 0.00	45.62 2.41 0.00	47.01 2.53 -2.87	55.80 2.93 -8.10	56.89 3.25 -5.56	125.07 3.82 -67.48	62.01 3.50 -10.26	63.87 3.66 -8.16	72.13 3.32 -23.19	234.81 12.64 -17.19	85.83 4.77 -14.75	75.06 4.97 -3.85	73.80 4.23 -12.55	77.59 3.96 -17.16	77.40 2.71 -39.46	43.43 2.95 0.00	49.41 3.02 0.00
KENSICO____ 23655	50.61 2.17 0.00	43.80 2.09 0.00	47.21 1.96 0.00	43.64 1.75 0.00	39.12 1.53 0.00	38.42 1.46 0.00	35.96 1.43 0.00	53.87 2.18 0.00	45.04 1.83 0.00	43.58 1.97 0.00	47.01 2.24 0.00	50.66 2.57 0.00	56.79 3.03 0.00	51.08 2.85 0.00	55.03 2.99 0.00	48.29 2.66 0.00	216.04 11.06 0.00	70.19 3.89 0.01	70.45 4.22 0.01	60.60 3.60 0.00	59.80 3.33 0.00	37.49 2.25 0.00	42.86 2.38 0.00	48.73 2.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.93 2.50 0.00	44.04 2.33 0.00	47.52 2.27 0.00	43.92 2.03 0.00	39.37 1.79 0.00	38.67 1.72 0.00	36.18 1.66 0.00	54.24 2.55 0.00	45.40 2.19 0.00	43.91 2.30 0.00	47.38 2.61 0.00	50.96 2.87 0.00	57.15 3.38 0.00	51.42 3.18 0.00	55.47 3.43 0.00	48.67 3.05 0.00	218.00 13.02 0.00	70.79 4.49 0.01	71.01 4.78 0.01	61.09 4.08 0.00	60.32 3.85 0.00	37.76 2.53 0.00	43.13 2.65 0.00	49.05 2.67 0.00

KIAC_JFK_GT1 23816	50.33 1.90 0.00	43.58 1.88 0.00	47.09 1.84 0.00	43.54 1.65 0.00	39.00 1.42 0.00	38.26 1.31 0.00	36.11 1.59 0.00	54.14 2.45 0.00	45.31 2.09 0.00	43.94 2.32 0.00	47.30 2.53 0.00	50.91 2.82 0.00	100.45 3.10 -43.58	51.58 3.11 -0.24	55.94 3.11 -0.79	50.13 2.77 -1.73	216.45 11.47 0.00	71.36 3.88 -1.17	70.59 4.37 0.01	60.63 3.63 0.00	59.69 3.22 0.00	55.72 2.19 -18.30	43.23 2.75 0.00	49.10 2.71 0.00
KIAC_JFK_GT2 23817	50.33 1.90 0.00	43.58 1.88 0.00	47.09 1.84 0.00	43.54 1.65 0.00	39.00 1.42 0.00	38.26 1.31 0.00	36.11 1.59 0.00	54.14 2.45 0.00	45.31 2.09 0.00	43.94 2.32 0.00	47.30 2.53 0.00	50.91 2.82 0.00	100.45 3.10 -43.58	51.58 3.11 -0.24	55.94 3.11 -0.79	50.13 2.77 -1.73	216.45 11.47 0.00	71.36 3.88 -1.17	70.59 4.37 0.01	60.63 3.63 0.00	59.69 3.22 0.00	55.72 2.19 -18.30	43.23 2.75 0.00	49.10 2.71 0.00
KIAC_JFK____ 323774	50.34 1.90 0.00	43.59 1.88 0.00	47.09 1.84 0.00	43.54 1.65 0.00	39.01 1.42 0.00	38.26 1.31 0.00	36.11 1.59 0.00	54.14 2.45 0.00	45.31 2.09 0.00	43.94 2.32 0.00	47.22 2.45 0.00	50.91 2.82 0.00	100.56 3.22 -43.58	51.58 3.11 -0.24	55.99 3.16 -0.79	50.20 2.84 -1.73	216.45 11.47 0.00	71.47 3.99 -1.17	70.59 4.36 0.01	60.63 3.62 0.00	59.69 3.22 0.00	55.75 2.22 -18.30	43.23 2.75 0.00	49.10 2.71 0.00
KINTIGH__24_KV_GSU 356498	45.42 -3.01 0.00	39.57 -2.13 0.00	43.15 -2.10 0.00	39.69 -2.20 0.00	35.69 -1.90 0.00	35.18 -1.77 0.00	33.06 -1.46 0.00	49.50 -2.20 0.00	40.60 -2.62 0.00	39.08 -2.54 0.00	41.81 -2.96 0.00	44.17 -3.92 0.00	49.19 -4.58 0.00	44.48 -3.76 0.00	47.83 -4.21 0.00	42.05 -3.58 0.00	189.25 -15.73 0.00	59.76 -6.10 0.44	59.29 -6.18 0.77	51.71 -4.88 0.42	49.40 -4.99 2.07	32.76 -2.47 0.00	37.87 -2.61 0.00	44.20 -2.19 0.00
KINTIGH____ 23543	45.38 -3.06 0.00	39.55 -2.16 0.00	43.11 -2.14 0.00	39.65 -2.24 0.00	35.65 -1.94 0.00	35.15 -1.81 0.00	33.03 -1.49 0.00	49.45 -2.25 0.00	40.56 -2.65 0.00	39.04 -2.58 0.00	41.77 -3.01 0.00	44.12 -3.97 0.00	49.13 -4.63 0.00	44.44 -3.80 0.00	47.79 -4.26 0.00	42.01 -3.61 0.00	189.06 -15.92 0.00	59.71 -6.16 0.44	59.23 -6.24 0.77	51.67 -4.92 0.42	49.35 -5.04 2.07	32.74 -2.49 0.00	37.84 -2.65 0.00	44.15 -2.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.93 1.50 0.00	42.56 0.86 0.00	45.99 0.74 0.00	42.51 0.62 0.00	38.16 0.58 0.00	37.55 0.60 0.00	35.19 0.67 0.00	52.79 1.09 0.00	44.18 0.97 0.00	42.42 0.80 0.00	45.60 0.83 0.00	48.89 0.80 0.00	54.41 0.65 0.00	48.82 0.59 0.00	52.94 0.90 0.00	46.28 0.65 0.00	208.21 3.22 0.00	67.32 1.01 0.00	67.51 1.27 0.00	58.26 1.26 0.00	57.81 1.35 0.00	35.50 0.27 0.00	40.49 0.01 0.00	46.27 -0.12 0.00
LACHUTE____HYDRO 323717	52.19 3.76 0.00	45.45 3.75 0.00	49.07 3.82 0.00	45.14 3.26 0.00	40.39 2.81 0.00	39.71 2.75 0.00	37.41 2.89 0.00	55.98 4.29 0.00	46.76 3.55 0.00	44.91 3.29 0.00	48.60 3.82 0.00	52.52 4.42 0.00	58.51 4.74 0.00	52.30 4.06 0.00	56.99 4.95 0.00	49.87 4.25 0.00	223.28 18.30 0.00	72.89 6.59 0.00	73.66 7.43 0.01	63.77 6.76 0.00	63.03 6.56 0.00	39.36 4.13 0.00	44.42 3.94 0.00	49.99 3.60 0.00
LAWRNCV_115KV_TB1 80681	48.78 0.35 0.00	41.47 -0.24 0.00	44.88 -0.37 0.00	41.54 -0.35 0.00	37.28 -0.30 0.00	36.66 -0.29 0.00	34.25 -0.26 0.00	51.35 -0.35 0.00	43.06 -0.15 0.00	41.19 -0.42 0.00	44.20 -0.57 0.00	47.51 -0.58 0.00	52.91 -0.85 0.00	47.53 -0.71 0.00	51.38 -0.66 0.00	44.85 -0.77 0.00	202.19 -2.79 0.00	65.56 -0.74 0.00	65.58 -0.66 0.00	56.35 -0.65 0.00	56.40 -0.06 0.00	34.62 -0.61 0.00	39.59 -0.89 0.00	45.38 -1.01 0.00
LEDERLE____ 23769	50.73 2.30 0.00	43.90 2.19 0.00	47.32 2.07 0.00	43.73 1.85 0.00	39.19 1.61 0.00	38.49 1.53 0.00	36.03 1.51 0.00	54.04 2.34 0.00	45.15 1.94 0.00	43.68 2.06 0.00	47.15 2.38 0.00	50.81 2.73 0.00	56.98 3.21 0.00	51.25 3.02 0.00	55.23 3.18 0.00	48.44 2.82 0.00	216.83 11.85 0.00	70.46 4.17 0.01	70.69 4.46 0.01	60.84 3.83 0.00	60.02 3.55 0.00	37.58 2.35 0.00	42.95 2.47 0.00	48.83 2.45 0.00
LIGHTHSE_115KV_TB6 355974	47.56 -0.88 0.00	40.97 -0.73 0.00	44.40 -0.85 0.00	41.09 -0.80 0.00	36.91 -0.68 0.00	36.35 -0.61 0.00	33.87 -0.65 0.00	50.65 -1.04 0.00	42.32 -0.89 0.00	40.83 -0.79 0.00	43.84 -0.94 0.00	46.90 -1.19 0.00	52.43 -1.33 0.00	47.04 -1.20 0.00	50.56 -1.49 0.00	44.14 -1.49 0.00	198.60 -6.38 0.00	64.55 -1.75 0.00	64.76 -1.47 0.00	55.92 -1.09 0.00	55.40 -1.06 0.00	34.59 -0.64 0.00	39.69 -0.80 0.00	45.54 -0.85 0.00
LINDEN COGEN____ 23786	49.19 2.15 1.39	40.72 2.04 3.03	33.46 1.90 13.69	33.46 1.71 10.13	33.46 1.52 5.64	33.46 1.43 4.92	35.97 1.45 0.00	45.26 2.20 8.63	34.45 1.90 10.66	38.73 2.09 4.97	47.16 2.39 0.00	50.81 2.72 0.00	56.92 3.16 0.00	51.20 2.97 0.00	39.79 3.05 15.30	34.38 2.74 13.98	84.80 11.17 131.35	54.99 4.00 15.31	55.24 4.32 15.32	45.32 3.68 15.37	45.31 3.39 14.54	33.04 2.30 4.50	40.75 2.44 2.17	45.90 2.39 2.88
LINDHRST_69_KV_BK1 356055	51.26 2.83 0.00	44.45 2.74 0.00	47.82 2.57 0.00	44.17 2.29 0.00	39.77 2.19 0.00	39.11 2.15 0.00	36.55 2.03 0.00	54.69 3.00 0.00	45.92 2.72 0.00	45.63 2.76 -1.26	51.36 3.20 -3.39	53.32 3.46 -1.77	49.32 4.21 8.65	56.33 3.80 -4.29	58.90 3.99 -2.87	57.91 3.64 -8.64	228.50 12.50 -11.01	78.76 5.22 -7.24	74.15 5.84 -2.07	70.09 5.00 -8.08	72.08 4.67 -10.94	43.42 3.26 -4.93	43.87 3.38 0.00	49.94 3.55 0.00
LIPA_MISC_IPP 23656	51.03 2.59 0.00	44.26 2.55 0.00	47.60 2.34 0.00	43.98 2.09 0.00	39.58 2.00 0.00	38.92 1.96 0.00	36.36 1.85 0.00	54.39 2.69 0.00	45.69 2.48 0.00	44.65 2.52 -0.51	48.81 2.89 -1.15	50.85 3.02 0.26	23.16 3.90 34.50	53.32 3.51 -1.58	56.28 3.65 -0.59	51.33 3.39 -2.31	224.73 10.01 -9.74	76.16 5.03 -4.83	73.79 6.11 -1.45	69.36 5.13 -7.21	70.99 4.85 -9.67	32.49 3.34 6.08	43.88 3.40 0.00	50.04 3.65 0.00
LISF____SOLAR 323691	51.12 2.68 0.00	44.33 2.62 0.00	47.68 2.43 0.00	44.04 2.15 0.00	39.64 2.05 0.00	38.97 2.02 0.00	36.42 1.90 0.00	54.46 2.76 0.00	45.75 2.54 0.00	44.71 2.57 -0.52	48.88 2.93 -1.17	50.90 3.05 0.24	23.27 3.74 34.24	53.40 3.56 -1.61	56.37 3.72 -0.61	51.45 3.45 -2.38	224.96 10.22 -9.75	76.34 5.18 -4.85	73.93 6.24 -1.45	69.49 5.26 -7.23	71.12 4.96 -9.69	32.63 3.36 5.96	43.95 3.47 0.00	50.12 3.74 0.00
LITTLE FALLS____HYD 24013	47.38 -1.05 0.00	41.01 -0.69 0.00	44.44 -0.81 0.00	41.12 -0.77 0.00	36.92 -0.66 0.00	36.27 -0.69 0.00	33.70 -0.81 0.00	50.40 -1.30 0.00	41.97 -1.24 0.00	40.53 -1.08 0.00	43.65 -1.13 0.00	47.12 -0.96 0.00	52.94 -0.82 0.00	47.41 -0.83 0.00	51.41 -0.64 0.00	45.27 -0.36 0.00	203.06 -1.92 0.00	65.85 -0.45 0.00	66.27 0.04 0.00	56.97 -0.04 0.00	56.20 -0.27 0.00	35.17 -0.06 0.00	39.96 -0.53 0.00	45.22 -1.17 0.00

LITTLRIV_115KV_TB1 356100	49.47 1.04 0.00	42.02 0.31 0.00	45.47 0.22 0.00	42.09 0.20 0.00	37.78 0.19 0.00	37.15 0.20 0.00	34.72 0.20 0.00	52.01 0.31 0.00	43.54 0.33 0.00	41.51 -0.11 0.00	44.45 -0.33 0.00	47.74 -0.35 0.00	53.09 -0.67 0.00	47.76 -0.48 0.00	51.65 -0.40 0.00	45.09 -0.53 0.00	203.44 -1.54 0.00	66.10 -0.20 0.00	66.32 0.09 0.00	57.15 0.14 0.00	57.27 0.80 0.00	35.13 -0.10 0.00	40.14 -0.34 0.00	46.00 -0.38 0.00
LI_NEWBRDGE___DRP 323616	50.61 2.18 0.00	43.90 2.19 0.00	47.24 1.99 0.00	43.66 1.77 0.00	39.30 1.72 0.00	38.66 1.70 0.00	36.13 1.62 0.00	54.07 2.37 0.00	45.38 2.17 0.00	44.01 2.28 -0.12	47.40 2.66 0.03	49.67 2.91 1.33	3.07 3.53 54.22	51.50 3.15 -0.11	54.61 3.30 0.73	47.32 2.99 1.29	224.17 10.20 -8.99	73.97 4.31 -3.36	72.18 4.84 -1.10	67.81 4.10 -6.69	69.21 3.84 -8.91	22.98 2.69 14.94	43.21 2.73 0.00	49.22 2.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.09 -3.34 0.00	39.34 -2.37 0.00	42.93 -2.32 0.00	39.42 -2.47 0.00	35.45 -2.14 0.00	34.97 -1.99 0.00	32.89 -1.63 0.00	49.17 -2.52 0.00	40.08 -3.13 0.00	38.52 -3.09 0.00	41.15 -3.63 0.00	43.38 -4.71 0.00	48.17 -5.59 0.00	43.71 -4.53 0.00	46.96 -5.09 0.00	41.29 -4.33 0.00	185.94 -19.04 0.00	57.87 -7.47 0.96	57.23 -7.44 1.57	50.59 -5.82 0.59	47.68 -5.86 2.93	32.24 -2.99 0.00	37.26 -3.22 0.00	43.68 -2.71 0.00
LOCKPORT___CC1 323769	45.04 -3.40 0.00	39.30 -2.41 0.00	42.88 -2.37 0.00	39.36 -2.53 0.00	35.35 -2.23 0.00	34.93 -2.03 0.00	32.85 -1.67 0.00	49.12 -2.57 0.00	40.05 -3.16 0.00	38.49 -3.12 0.00	41.12 -3.66 0.00	43.36 -4.73 0.00	48.30 -5.46 0.00	43.71 -4.53 0.00	46.96 -5.09 0.00	41.29 -4.34 0.00	185.85 -19.13 0.00	57.80 -7.47 1.03	57.11 -7.45 1.68	50.53 -5.85 0.64	47.41 -5.89 3.17	32.24 -3.00 0.00	37.25 -3.23 0.00	43.68 -2.71 0.00
LOCKPORT___CC2 323770	45.04 -3.40 0.00	39.30 -2.41 0.00	42.88 -2.37 0.00	39.36 -2.53 0.00	35.35 -2.23 0.00	34.93 -2.03 0.00	32.85 -1.67 0.00	49.12 -2.57 0.00	40.05 -3.16 0.00	38.49 -3.12 0.00	41.12 -3.66 0.00	43.36 -4.73 0.00	48.30 -5.46 0.00	43.71 -4.53 0.00	46.96 -5.09 0.00	41.29 -4.34 0.00	185.85 -19.13 0.00	57.80 -7.47 1.03	57.11 -7.45 1.68	50.53 -5.85 0.64	47.41 -5.89 3.17	32.24 -3.00 0.00	37.25 -3.23 0.00	43.68 -2.71 0.00
LOCKPORT___CC3 323771	45.04 -3.40 0.00	39.30 -2.41 0.00	42.88 -2.37 0.00	39.36 -2.53 0.00	35.35 -2.23 0.00	34.93 -2.03 0.00	32.85 -1.67 0.00	49.12 -2.57 0.00	40.05 -3.16 0.00	38.49 -3.12 0.00	41.12 -3.66 0.00	43.36 -4.73 0.00	48.30 -5.46 0.00	43.71 -4.53 0.00	46.96 -5.09 0.00	41.29 -4.34 0.00	185.85 -19.13 0.00	57.80 -7.47 1.03	57.11 -7.45 1.68	50.53 -5.85 0.64	47.41 -5.89 3.17	32.24 -3.00 0.00	37.25 -3.23 0.00	43.68 -2.71 0.00
LOCUSVLY_69_KV_BK2 55797	51.08 2.64 0.00	44.26 2.56 0.00	47.66 2.41 0.00	44.04 2.16 0.00	39.60 2.02 0.00	38.93 1.97 0.00	36.40 1.89 0.00	54.50 2.80 0.00	45.72 2.51 0.00	46.52 2.63 -2.29	54.19 3.02 -6.39	55.57 3.33 -4.15	92.29 4.04 -34.49	59.94 3.62 -8.08	61.97 3.78 -6.15	66.78 3.43 -17.72	232.94 12.75 -15.20	83.31 4.99 -12.02	74.81 5.33 -3.24	72.69 4.56 -11.12	75.88 4.25 -15.16	64.53 2.92 -26.38	43.54 3.06 0.00	49.55 3.17 0.00
LONG_LAKE_PHOENIX 24014	46.99 -1.44 0.00	40.60 -1.11 0.00	44.03 -1.23 0.00	40.71 -1.17 0.00	36.53 -1.05 0.00	35.97 -0.99 0.00	33.63 -0.89 0.00	50.37 -1.33 0.00	41.98 -1.23 0.00	40.45 -1.17 0.00	43.45 -1.33 0.00	46.52 -1.58 0.00	52.06 -1.70 0.00	46.68 -1.55 0.00	50.23 -1.81 0.00	44.08 -1.55 0.00	198.06 -6.92 0.00	64.06 -2.24 0.00	64.07 -2.16 0.00	55.25 -1.76 0.00	54.64 -1.82 0.00	34.24 -1.00 0.00	39.39 -1.09 0.00	45.26 -1.13 0.00
LOVETT___3 23632	50.42 1.98 0.00	43.64 1.93 0.00	47.05 1.79 0.00	43.49 1.61 0.00	38.99 1.40 0.00	38.28 1.32 0.00	35.83 1.31 0.00	53.73 2.03 0.00	44.89 1.68 0.00	43.42 1.81 0.00	46.86 2.09 0.00	50.49 2.40 0.00	56.61 2.85 0.00	50.90 2.67 0.00	54.86 2.81 0.00	48.12 2.50 0.00	215.37 10.39 0.00	69.97 3.68 0.01	70.22 4.00 0.01	60.42 3.41 0.00	59.61 3.14 0.00	37.34 2.11 0.00	42.69 2.21 0.00	48.55 2.16 0.00
LOVETT___4 23642	50.42 1.98 0.00	43.64 1.93 0.00	47.05 1.79 0.00	43.49 1.61 0.00	38.99 1.40 0.00	38.28 1.32 0.00	35.83 1.31 0.00	53.73 2.03 0.00	44.89 1.68 0.00	43.42 1.81 0.00	46.86 2.09 0.00	50.49 2.40 0.00	56.61 2.85 0.00	50.90 2.67 0.00	54.86 2.81 0.00	48.12 2.50 0.00	215.37 10.39 0.00	69.97 3.68 0.01	70.22 4.00 0.01	60.42 3.41 0.00	59.61 3.14 0.00	37.34 2.11 0.00	42.69 2.21 0.00	48.55 2.16 0.00
LOVETT___5 23593	50.42 1.98 0.00	43.64 1.93 0.00	47.05 1.79 0.00	43.49 1.61 0.00	38.99 1.40 0.00	38.28 1.32 0.00	35.83 1.31 0.00	53.73 2.03 0.00	44.89 1.68 0.00	43.42 1.81 0.00	46.86 2.09 0.00	50.49 2.40 0.00	56.61 2.85 0.00	50.90 2.67 0.00	54.86 2.81 0.00	48.12 2.50 0.00	215.37 10.39 0.00	69.97 3.68 0.01	70.22 4.00 0.01	60.42 3.41 0.00	59.61 3.14 0.00	37.34 2.11 0.00	42.69 2.21 0.00	48.55 2.16 0.00
LOWER RAQUET___HYD 24057	48.54 0.11 0.00	41.24 -0.46 0.00	44.64 -0.61 0.00	41.31 -0.58 0.00	37.09 -0.50 0.00	36.48 -0.48 0.00	34.07 -0.45 0.00	51.07 -0.63 0.00	42.83 -0.38 0.00	40.95 -0.66 0.00	43.93 -0.84 0.00	47.22 -0.87 0.00	52.59 -1.17 0.00	47.24 -1.00 0.00	51.07 -0.98 0.00	44.56 -1.06 0.00	200.95 -4.03 0.00	65.21 -1.09 0.00	65.25 -0.99 0.00	56.10 -0.91 0.00	56.16 -0.30 0.00	34.46 -0.77 0.00	39.39 -1.09 0.00	45.13 -1.25 0.00
LOWER___HUDSON 24059	49.53 1.10 0.00	42.91 1.20 0.00	46.52 1.27 0.00	43.03 1.14 0.00	38.58 1.00 0.00	37.95 0.99 0.00	35.47 0.95 0.00	53.02 1.32 0.00	44.22 1.01 0.00	42.66 1.05 0.00	45.93 1.16 0.00	49.51 1.42 0.00	55.36 1.60 0.00	49.75 1.51 0.00	53.83 1.78 0.00	47.34 1.72 0.00	212.06 7.08 0.00	68.76 2.46 0.00	69.03 2.80 0.01	59.37 2.37 0.00	58.67 2.21 0.00	36.79 1.56 0.00	41.99 1.51 0.00	47.83 1.44 0.00
LOWVILLE_115KV_TB2 356335	48.83 0.40 0.00	41.87 0.16 0.00	45.31 0.06 0.00	41.95 0.06 0.00	37.75 0.16 0.00	37.17 0.20 0.00	34.63 0.11 0.00	51.67 -0.03 0.00	43.34 0.12 0.00	41.70 0.09 0.00	44.75 -0.02 0.00	48.00 -0.09 0.00	53.68 -0.08 0.00	48.26 0.03 0.00	51.70 -0.34 0.00	44.98 -0.64 0.00	202.71 -2.27 0.00	66.44 0.14 0.00	66.81 0.58 0.00	57.63 0.62 0.00	57.30 0.84 0.00	35.59 0.36 0.00	40.59 0.11 0.00	46.42 0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.48 2.05 0.00	43.70 2.00 0.00	47.38 2.12 0.00	43.78 1.90 0.00	39.16 1.58 0.00	38.47 1.52 0.00	35.99 1.47 0.00	53.84 2.14 0.00	44.92 1.71 0.00	43.32 1.71 0.00	46.65 1.88 0.00	50.25 2.16 0.00	56.25 2.49 0.00	50.50 2.26 0.00	54.62 2.58 0.00	48.01 2.39 0.00	215.28 10.30 0.00	69.88 3.58 0.00	70.16 3.93 0.01	60.37 3.37 0.00	59.67 3.21 0.00	37.36 2.13 0.00	42.62 2.14 0.00	48.53 2.14 0.00

LUTHERNY_35_KV_BK2 355980	50.47 2.04 0.00	43.70 1.99 0.00	47.36 2.11 0.00	43.76 1.88 0.00	39.17 1.58 0.00	38.46 1.51 0.00	36.00 1.48 0.00	53.84 2.14 0.00	44.91 1.70 0.00	43.30 1.69 0.00	46.62 1.85 0.00	50.29 2.20 0.00	56.29 2.53 0.00	50.48 2.24 0.00	54.61 2.57 0.00	48.02 2.40 0.00	215.36 10.38 0.00	69.92 3.62 0.00	70.21 3.98 0.01	60.38 3.38 0.00	59.63 3.17 0.00	37.37 2.14 0.00	42.61 2.13 0.00	48.55 2.16 0.00
LWR___OSWEGATCHIE_HYD 23850	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.68 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.51 -5.47 0.00	65.15 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.26 0.00	34.69 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
LYONS_FALL_HYD 23570	48.86 0.43 0.00	41.99 0.28 0.00	45.47 0.21 0.00	42.09 0.21 0.00	37.84 0.25 0.00	37.25 0.29 0.00	34.74 0.22 0.00	51.92 0.22 0.00	43.48 0.27 0.00	41.87 0.25 0.00	44.99 0.21 0.00	48.25 0.16 0.00	54.00 0.24 0.00	48.53 0.29 0.00	52.09 0.05 0.00	45.47 -0.15 0.00	204.73 -0.25 0.00	66.82 0.51 0.00	67.07 0.84 0.00	57.81 0.80 0.00	57.35 0.88 0.00	35.70 0.47 0.00	40.79 0.31 0.00	46.67 0.28 0.00
MADISON___COUNTY_LFGE 323628	49.01 0.58 0.00	42.29 0.58 0.00	45.82 0.56 0.00	42.38 0.49 0.00	38.05 0.46 0.00	37.44 0.49 0.00	35.00 0.49 0.00	52.42 0.73 0.00	43.75 0.53 0.00	42.13 0.52 0.00	45.35 0.58 0.00	48.58 0.49 0.00	54.48 0.72 0.00	48.94 0.71 0.00	52.61 0.57 0.00	46.17 0.55 0.00	207.90 2.92 0.00	67.39 1.09 0.00	67.50 1.27 0.00	58.13 1.12 0.00	57.46 1.00 0.00	35.92 0.69 0.00	41.17 0.68 0.00	47.13 0.74 0.00
MALONE___115KV_TB1 356076	49.46 1.02 0.00	42.07 0.36 0.00	45.51 0.26 0.00	42.10 0.21 0.00	37.78 0.20 0.00	37.18 0.22 0.00	34.78 0.27 0.00	52.22 0.52 0.00	43.75 0.54 0.00	41.94 0.32 0.00	45.02 0.24 0.00	48.31 0.22 0.00	53.81 0.05 0.00	48.30 0.06 0.00	52.30 0.26 0.00	45.67 0.05 0.00	205.76 0.78 0.00	66.67 0.37 0.00	66.74 0.50 0.00	57.58 0.57 0.00	57.31 0.84 0.00	35.13 -0.10 0.00	40.05 -0.43 0.00	45.86 -0.53 0.00
MAPLEWOD_115KV_TB3 80458	49.32 0.88 0.00	42.69 0.98 0.00	46.25 1.00 0.00	42.82 0.93 0.00	38.43 0.84 0.00	37.82 0.86 0.00	35.31 0.79 0.00	52.76 1.07 0.00	44.07 0.86 0.00	42.51 0.90 0.00	45.77 0.99 0.00	49.32 1.23 0.00	55.24 1.48 0.00	49.60 1.37 0.00	53.62 1.58 0.00	47.15 1.52 0.00	211.10 6.12 0.00	68.47 2.17 0.00	68.67 2.44 0.01	59.05 2.04 0.00	58.39 1.92 0.00	36.59 1.36 0.00	41.80 1.32 0.00	47.62 1.23 0.00
MAPLE_RIDGE_WT_1 323574	48.61 0.18 0.00	41.66 -0.05 0.00	45.15 -0.11 0.00	41.79 -0.10 0.00	37.50 -0.09 0.00	36.88 -0.07 0.00	34.44 -0.08 0.00	51.60 -0.09 0.00	43.21 0.00 0.00	41.53 -0.08 0.00	44.64 -0.13 0.00	47.98 -0.11 0.00	53.57 -0.19 0.00	48.08 -0.16 0.00	51.88 -0.16 0.00	45.40 -0.23 0.00	204.05 -0.93 0.00	65.94 -0.36 0.00	65.89 -0.34 0.00	56.72 -0.29 0.00	56.31 -0.16 0.00	34.89 -0.34 0.00	40.07 -0.41 0.00	45.94 -0.44 0.00
MAPLE_RIDGE_WT_2 323611	48.61 0.18 0.00	41.66 -0.05 0.00	45.15 -0.11 0.00	41.79 -0.10 0.00	37.50 -0.09 0.00	36.88 -0.07 0.00	34.44 -0.08 0.00	51.60 -0.09 0.00	43.21 0.00 0.00	41.53 -0.08 0.00	44.64 -0.13 0.00	47.98 -0.11 0.00	53.57 -0.19 0.00	48.08 -0.16 0.00	51.88 -0.16 0.00	45.40 -0.23 0.00	204.05 -0.93 0.00	65.94 -0.36 0.00	65.89 -0.34 0.00	56.72 -0.29 0.00	56.31 -0.16 0.00	34.89 -0.34 0.00	40.07 -0.41 0.00	45.94 -0.44 0.00
MARBLE_RIVER_WT_PWR 323696	49.48 1.05 0.00	42.18 0.47 0.00	45.64 0.39 0.00	42.20 0.31 0.00	37.87 0.29 0.00	37.26 0.30 0.00	34.87 0.35 0.00	52.30 0.60 0.00	43.79 0.58 0.00	42.02 0.40 0.00	45.18 0.40 0.00	48.50 0.41 0.00	54.03 0.27 0.00	48.48 0.24 0.00	52.52 0.47 0.00	45.91 0.29 0.00	206.83 1.85 0.00	66.76 0.45 0.00	66.76 0.52 0.00	57.56 0.55 0.00	57.15 0.68 0.00	35.09 -0.14 0.00	40.05 -0.43 0.00	45.86 -0.52 0.00
MARSHVLE_115KV_TB1 80742	51.72 3.28 0.00	44.51 2.80 0.00	48.21 2.96 0.00	44.63 2.75 0.00	40.01 2.43 0.00	39.34 2.38 0.00	36.78 2.26 0.00	55.23 3.54 0.00	46.19 2.97 0.00	44.41 2.80 0.00	47.67 2.90 0.00	51.01 2.92 0.00	57.01 3.25 0.00	51.18 2.95 0.00	55.18 3.14 0.00	48.35 2.73 0.00	217.45 12.47 0.00	70.65 4.35 0.01	70.50 4.28 0.01	60.77 3.76 0.00	60.14 3.68 0.00	37.42 2.19 0.00	42.83 2.35 0.00	49.26 2.87 0.00
MARSH_HILL_WT_PWR 323713	46.54 -1.89 0.00	40.65 -1.06 0.00	44.07 -1.18 0.00	40.63 -1.25 0.00	36.46 -1.12 0.00	35.75 -1.21 0.00	33.59 -0.93 0.00	50.35 -1.35 0.00	41.49 -1.72 0.00	40.17 -1.44 0.00	43.34 -1.43 0.00	45.83 -2.26 0.00	51.21 -2.56 0.00	45.87 -2.37 0.00	49.41 -2.63 0.00	43.37 -2.26 0.00	197.04 -7.94 0.00	66.31 -3.47 -3.47	68.73 -3.39 -5.89	56.92 -2.78 -2.69	66.90 -2.98 -13.41	33.68 -1.55 0.00	38.86 -1.63 0.00	44.89 -1.50 0.00
MCINTYRE_115KV_TB2 80467	50.05 1.61 0.00	42.50 0.79 0.00	46.00 0.75 0.00	42.55 0.67 0.00	38.21 0.63 0.00	37.58 0.63 0.00	35.12 0.60 0.00	52.59 0.90 0.00	43.98 0.77 0.00	41.92 0.30 0.00	44.85 0.07 0.00	48.15 0.06 0.00	53.57 -0.20 0.00	48.16 -0.08 0.00	52.12 0.08 0.00	45.51 -0.11 0.00	205.35 0.37 0.00	66.65 0.35 0.00	66.93 0.69 0.00	57.75 0.74 0.00	57.92 1.45 0.00	35.51 0.27 0.00	40.59 0.11 0.00	46.52 0.13 0.00
MECO_____69_KV_BK1 80468	51.78 3.34 0.00	44.59 2.89 0.00	48.31 3.06 0.00	44.70 2.82 0.00	40.08 2.49 0.00	39.39 2.43 0.00	36.74 2.22 0.00	55.11 3.41 0.00	46.01 2.80 0.00	44.22 2.61 0.00	47.46 2.69 0.00	51.03 2.94 0.00	56.98 3.22 0.00	51.23 2.99 0.00	55.38 3.33 0.00	48.62 3.00 0.00	218.36 13.38 0.00	71.00 4.70 0.01	71.07 4.84 0.01	61.29 4.28 0.00	60.65 4.18 0.00	37.80 2.57 0.00	43.17 2.68 0.00	49.43 3.04 0.00
MENANDS___115KV_TB5 355628	49.05 0.62 0.00	42.48 0.78 0.00	46.02 0.76 0.00	42.60 0.72 0.00	38.26 0.67 0.00	37.64 0.69 0.00	35.14 0.62 0.00	52.49 0.79 0.00	43.84 0.63 0.00	42.30 0.68 0.00	45.54 0.76 0.00	49.06 0.97 0.00	54.93 1.16 0.00	49.33 1.09 0.00	53.35 1.30 0.00	46.90 1.27 0.00	209.87 4.89 0.00	68.08 1.78 0.00	68.28 2.05 0.01	58.69 1.68 0.00	58.03 1.57 0.00	36.38 1.15 0.00	41.57 1.09 0.00	47.35 0.97 0.00
MG INDUSTRY___DRP 24185	49.19 0.76 0.00	42.57 0.86 0.00	46.14 0.89 0.00	42.75 0.86 0.00	38.38 0.79 0.00	37.75 0.79 0.00	35.22 0.70 0.00	52.61 0.91 0.00	43.93 0.72 0.00	42.33 0.71 0.00	45.56 0.78 0.00	49.07 0.98 0.00	54.99 1.22 0.00	49.29 1.06 0.00	53.32 1.27 0.00	46.84 1.21 0.00	209.54 4.56 0.00	68.00 1.70 0.00	68.21 1.98 0.01	58.66 1.65 0.00	58.00 1.54 0.00	36.36 1.13 0.00	41.61 1.13 0.00	47.46 1.08 0.00

MID___OSWEGATCHIE_HYD 23849	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.68 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.51 -5.47 0.00	65.15 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.26 0.00	34.69 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
MID___RAQUETTE_HYD 23851	48.54 0.10 0.00	41.24 -0.46 0.00	44.64 -0.61 0.00	41.31 -0.58 0.00	37.09 -0.50 0.00	36.48 -0.48 0.00	34.07 -0.45 0.00	51.07 -0.63 0.00	42.83 -0.39 0.00	40.95 -0.66 0.00	43.93 -0.84 0.00	47.22 -0.87 0.00	52.59 -1.17 0.00	47.24 -0.99 0.00	51.07 -0.98 0.00	44.56 -1.06 0.00	200.95 -4.03 0.00	65.21 -1.09 0.00	65.26 -0.98 0.00	56.10 -0.91 0.00	56.16 -0.31 0.00	34.46 -0.77 0.00	39.39 -1.09 0.00	45.13 -1.26 0.00
MILLIKEN___1 23584	48.58 0.15 0.00	41.97 0.26 0.00	45.50 0.25 0.00	42.08 0.20 0.00	37.79 0.21 0.00	37.14 0.19 0.00	34.82 0.30 0.00	52.22 0.52 0.00	43.41 0.20 0.00	41.82 0.21 0.00	45.04 0.27 0.00	48.18 0.09 0.00	53.87 0.10 0.00	48.26 0.02 0.00	51.99 -0.05 0.00	45.72 0.09 0.00	206.02 1.04 0.00	66.70 0.15 -0.24	67.06 0.40 -0.42	57.59 0.38 -0.20	57.74 0.27 -1.00	35.55 0.32 0.00	40.81 0.33 0.00	46.82 0.44 0.00
MILLIKEN___2 23585	48.58 0.15 0.00	41.97 0.26 0.00	45.50 0.25 0.00	42.08 0.20 0.00	37.79 0.21 0.00	37.14 0.19 0.00	34.82 0.30 0.00	52.22 0.52 0.00	43.41 0.20 0.00	41.82 0.21 0.00	45.04 0.27 0.00	48.18 0.09 0.00	53.87 0.10 0.00	48.26 0.02 0.00	51.99 -0.05 0.00	45.72 0.09 0.00	206.02 1.04 0.00	66.70 0.15 -0.24	67.06 0.40 -0.42	57.59 0.38 -0.20	57.74 0.27 -1.00	35.55 0.32 0.00	40.81 0.33 0.00	46.82 0.44 0.00
MILLIKEN___DIESEL 23629	48.58 0.15 0.00	41.97 0.26 0.00	45.50 0.25 0.00	42.08 0.20 0.00	37.79 0.21 0.00	37.14 0.19 0.00	34.82 0.30 0.00	52.22 0.52 0.00	43.41 0.20 0.00	41.82 0.21 0.00	45.04 0.27 0.00	48.18 0.09 0.00	53.87 0.10 0.00	48.26 0.02 0.00	51.99 -0.05 0.00	45.72 0.09 0.00	206.02 1.04 0.00	66.70 0.15 -0.24	67.06 0.40 -0.42	57.59 0.38 -0.20	57.74 0.27 -1.00	35.55 0.32 0.00	40.81 0.33 0.00	46.82 0.44 0.00
MILLSEAT___LFGE 323607	45.92 -2.51 0.00	40.01 -1.70 0.00	43.63 -1.62 0.00	40.05 -1.83 0.00	35.98 -1.61 0.00	35.53 -1.43 0.00	33.43 -1.09 0.00	50.04 -1.66 0.00	40.90 -2.31 0.00	39.32 -2.30 0.00	41.88 -2.90 0.00	44.41 -3.68 0.00	49.47 -4.30 0.00	44.67 -3.57 0.00	47.88 -4.16 0.00	42.21 -3.42 0.00	190.26 -14.72 0.00	59.72 -5.79 0.79	59.23 -5.71 1.30	52.10 -4.42 0.49	49.58 -4.45 2.44	33.06 -2.17 0.00	38.13 -2.36 0.00	44.53 -1.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.52 2.09 0.00	43.73 2.03 0.00	47.14 1.89 0.00	43.58 1.69 0.00	39.07 1.48 0.00	38.36 1.41 0.00	35.91 1.39 0.00	53.81 2.11 0.00	44.98 1.77 0.00	43.52 1.91 0.00	46.93 2.16 0.00	50.57 2.48 0.00	56.71 2.95 0.00	51.00 2.76 0.00	54.96 2.91 0.00	48.22 2.59 0.00	215.75 10.77 0.00	70.09 3.79 0.01	70.34 4.12 0.01	60.52 3.52 0.00	59.71 3.25 0.00	37.42 2.19 0.00	42.79 2.31 0.00	48.65 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	50.58 2.15 0.00	43.79 2.08 0.00	47.20 1.95 0.00	43.63 1.74 0.00	39.11 1.52 0.00	38.40 1.45 0.00	35.95 1.43 0.00	53.87 2.17 0.00	45.03 1.82 0.00	43.57 1.95 0.00	47.01 2.23 0.00	50.63 2.54 0.00	56.77 3.01 0.00	51.06 2.83 0.00	55.01 2.97 0.00	48.29 2.66 0.00	216.05 11.07 0.00	70.20 3.90 0.01	70.45 4.22 0.01	60.63 3.62 0.00	59.81 3.34 0.00	37.49 2.25 0.00	42.84 2.36 0.00	48.73 2.34 0.00
MODEL_CITY_ENERGY 24167	44.77 -3.67 0.00	39.08 -2.63 0.00	42.65 -2.60 0.00	39.15 -2.74 0.00	35.17 -2.42 0.00	34.75 -2.21 0.00	32.67 -1.85 0.00	48.85 -2.84 0.00	39.75 -3.46 0.00	38.19 -3.43 0.00	40.78 -3.99 0.00	43.02 -5.08 0.00	47.87 -5.89 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.89 -4.73 0.00	184.02 -20.96 0.00	57.18 -8.11 1.02	56.51 -8.06 1.66	50.05 -6.34 0.62	47.07 -6.34 3.06	31.90 -3.33 0.00	36.89 -3.59 0.00	43.28 -3.11 0.00
MODERN_LFGE___ 323580	44.77 -3.67 0.00	39.08 -2.63 0.00	42.65 -2.60 0.00	39.15 -2.74 0.00	35.17 -2.42 0.00	34.75 -2.21 0.00	32.67 -1.85 0.00	48.85 -2.84 0.00	39.75 -3.46 0.00	38.19 -3.43 0.00	40.78 -3.99 0.00	43.02 -5.08 0.00	47.87 -5.89 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.89 -4.73 0.00	184.02 -20.96 0.00	57.18 -8.11 1.02	56.51 -8.06 1.66	50.05 -6.34 0.62	47.07 -6.34 3.06	31.90 -3.33 0.00	36.89 -3.59 0.00	43.28 -3.11 0.00
MOHAWK_PAPER___DRP 24187	49.32 0.88 0.00	42.69 0.98 0.00	46.25 1.00 0.00	42.82 0.93 0.00	38.43 0.84 0.00	37.82 0.86 0.00	35.31 0.79 0.00	52.76 1.07 0.00	44.07 0.86 0.00	42.51 0.90 0.00	45.77 0.99 0.00	49.32 1.23 0.00	55.24 1.48 0.00	49.60 1.37 0.00	53.62 1.58 0.00	47.15 1.52 0.00	211.10 6.12 0.00	68.47 2.17 0.00	68.67 2.44 0.01	59.05 2.04 0.00	58.39 1.92 0.00	36.59 1.36 0.00	41.80 1.32 0.00	47.62 1.23 0.00
MOHICAN___35_KV_115KV_LD 80490	50.97 2.54 0.00	44.18 2.48 0.00	47.83 2.58 0.00	44.15 2.26 0.00	39.45 1.86 0.00	38.71 1.76 0.00	36.28 1.77 0.00	54.31 2.62 0.00	45.35 2.14 0.00	43.73 2.12 0.00	47.15 2.38 0.00	50.80 2.71 0.00	56.81 3.05 0.00	50.98 2.74 0.00	55.22 3.17 0.00	48.52 2.89 0.00	217.45 12.47 0.00	70.67 4.37 0.00	71.10 4.87 0.01	61.27 4.26 0.00	60.55 4.09 0.00	37.87 2.64 0.00	43.06 2.58 0.00	48.87 2.48 0.00
MONGAUP___HYD 23641	50.61 2.18 0.00	43.75 2.04 0.00	47.22 1.97 0.00	43.66 1.77 0.00	39.15 1.56 0.00	38.47 1.51 0.00	35.98 1.46 0.00	53.91 2.21 0.00	45.01 1.80 0.00	43.56 1.95 0.00	46.98 2.20 0.00	50.41 2.32 0.00	56.55 2.79 0.00	50.90 2.66 0.00	54.91 2.87 0.00	48.20 2.57 0.00	215.82 10.84 0.00	70.09 3.79 0.01	69.99 3.76 0.01	60.34 3.33 0.00	59.60 3.14 0.00	37.53 2.30 0.00	42.84 2.36 0.00	48.72 2.33 0.00
MONTAUK___DIESEL 23721	49.97 1.54 0.00	43.20 1.49 0.00	46.42 1.17 0.00	42.90 1.02 0.00	38.69 1.11 0.00	38.04 1.08 0.00	35.53 1.01 0.00	53.17 1.47 0.00	44.76 1.55 0.00	43.80 1.66 -0.52	47.83 1.90 -1.16	49.77 1.93 0.25	22.47 3.11 34.39	52.34 2.50 -1.59	55.26 2.61 -0.60	50.55 2.58 -2.34	217.47 2.75 -9.74	75.77 4.63 -4.84	74.83 7.15 -1.45	70.33 6.10 -7.22	71.81 5.67 -9.68	32.88 3.68 6.03	44.37 3.89 0.00	50.33 3.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.09 -2.35 0.00	40.15 -1.56 0.00	43.54 -1.71 0.00	39.96 -1.93 0.00	35.76 -1.82 0.00	35.36 -1.60 0.00	33.31 -1.21 0.00	50.04 -1.65 0.00	40.96 -2.25 0.00	39.49 -2.13 0.00	42.54 -2.23 0.00	44.61 -3.48 0.00	49.75 -4.01 0.00	44.91 -3.33 0.00	48.29 -3.76 0.00	42.29 -3.33 0.00	192.80 -12.18 0.00	59.75 -5.56 0.99	59.08 -5.54 1.62	52.21 -4.19 0.60	49.02 -4.43 3.01	32.79 -2.44 0.00	37.76 -2.72 0.00	44.31 -2.08 0.00

MORRIS_RIDGE___SOLAR 323848	46.09 -2.34 0.00	40.22 -1.49 0.00	43.54 -1.71 0.00	40.06 -1.83 0.00	35.94 -1.65 0.00	35.37 -1.60 0.00	33.28 -1.24 0.00	49.91 -1.79 0.00	40.95 -2.26 0.00	39.51 -2.10 0.00	42.49 -2.29 0.00	44.93 -3.16 0.00	50.22 -3.54 0.00	45.01 -3.23 0.00	48.46 -3.58 0.00	42.60 -3.03 0.00	193.34 -11.64 0.00	56.30 -4.72 5.29	52.77 -4.58 8.88	49.45 -3.68 3.88	33.29 -3.87 19.30	33.34 -1.89 0.00	38.39 -2.09 0.00	44.54 -1.84 0.00
MORTIMER_115KV_TB3 55949	46.38 -2.05 0.00	40.26 -1.45 0.00	43.81 -1.44 0.00	40.36 -1.53 0.00	36.27 -1.31 0.00	35.74 -1.22 0.00	33.54 -0.98 0.00	50.24 -1.46 0.00	41.46 -1.75 0.00	39.92 -1.69 0.00	42.77 -2.01 0.00	45.46 -2.63 0.00	50.69 -3.07 0.00	45.72 -2.52 0.00	49.18 -2.86 0.00	43.23 -2.39 0.00	194.51 -10.47 0.00	62.33 -4.00 -0.02	62.25 -4.02 -0.03	53.85 -3.15 0.00	53.22 -3.25 0.00	33.68 -1.55 0.00	38.82 -1.66 0.00	45.02 -1.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.15 2.45 0.00	45.34 2.13 0.00	43.92 2.30 0.00	47.38 2.61 0.00	51.02 2.93 0.00	57.22 3.46 0.00	51.43 3.20 0.00	55.37 3.33 0.00	48.63 3.01 0.00	217.19 12.21 0.00	70.64 4.34 0.01	70.89 4.66 0.01	60.97 3.97 0.00	60.17 3.71 0.00	37.74 2.50 0.00	43.16 2.68 0.00	49.06 2.68 0.00
MUNSVILLE_WIND_PWR 323609	51.28 2.85 0.00	44.17 2.46 0.00	47.89 2.64 0.00	44.37 2.48 0.00	39.80 2.21 0.00	39.26 2.30 0.00	36.75 2.23 0.00	55.23 3.53 0.00	45.90 2.69 0.00	44.20 2.59 0.00	47.58 2.81 0.00	50.82 2.73 0.00	57.04 3.28 0.00	51.17 2.93 0.00	55.20 3.15 0.00	48.45 2.82 0.00	218.80 13.82 0.00	70.94 4.48 -0.16	71.17 4.65 -0.28	60.98 3.83 -0.14	60.51 3.34 -0.71	37.29 2.06 0.00	42.14 1.66 0.00	48.11 1.72 0.00
N SALMON___HYD 24042	49.45 1.02 0.00	42.07 0.36 0.00	45.51 0.26 0.00	42.10 0.21 0.00	37.78 0.20 0.00	37.18 0.22 0.00	34.78 0.27 0.00	52.22 0.52 0.00	43.75 0.54 0.00	41.94 0.32 0.00	45.01 0.24 0.00	48.31 0.22 0.00	53.81 0.05 0.00	48.30 0.06 0.00	52.29 0.25 0.00	45.67 0.05 0.00	205.76 0.78 0.00	66.67 0.36 0.00	66.74 0.50 0.00	57.58 0.57 0.00	57.31 0.84 0.00	35.13 -0.10 0.00	40.05 -0.43 0.00	45.86 -0.53 0.00
N.AKRON__115KV_KNAPP 355671	45.71 -2.72 0.00	39.86 -1.85 0.00	43.46 -1.79 0.00	39.91 -1.97 0.00	35.89 -1.69 0.00	35.41 -1.54 0.00	33.31 -1.21 0.00	49.84 -1.86 0.00	40.71 -2.51 0.00	39.12 -2.49 0.00	41.74 -3.04 0.00	44.15 -3.94 0.00	49.03 -4.74 0.00	44.44 -3.80 0.00	47.67 -4.37 0.00	41.98 -3.64 0.00	189.16 -15.82 0.00	59.18 -6.27 0.86	58.61 -6.22 1.40	51.66 -4.82 0.53	48.98 -4.85 2.64	32.83 -2.40 0.00	37.89 -2.59 0.00	44.32 -2.07 0.00
N.E_GEN_SANDY PD 24062	49.78 1.35 0.00	43.18 1.48 0.00	46.75 1.50 0.00	43.22 1.33 0.00	38.76 1.18 0.00	37.99 1.17 0.14	35.66 1.14 0.00	53.75 1.61 -0.45	44.48 1.27 0.00	42.93 1.32 0.00	46.26 1.48 0.00	49.87 1.78 0.00	55.75 1.99 0.00	50.12 1.88 0.00	54.22 2.17 0.00	47.70 2.08 0.00	212.25 8.59 1.32	66.30 3.02 3.02	69.60 3.37 0.01	59.85 2.84 0.00	59.04 2.66 0.08	38.73 1.88 -1.62	41.90 1.89 0.47	48.19 1.80 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.55 2.11 0.00	43.73 2.03 0.00	47.15 1.89 0.00	43.59 1.70 0.00	39.06 1.48 0.00	38.35 1.39 0.00	35.90 1.38 0.00	53.83 2.14 0.00	44.98 1.77 0.00	43.52 1.91 0.00	46.97 2.20 0.00	50.62 2.53 0.00	56.75 2.99 0.00	51.05 2.81 0.00	55.01 2.97 0.00	48.25 2.63 0.00	215.97 10.99 0.00	70.16 3.87 0.01	70.41 4.18 0.01	60.58 3.57 0.00	59.76 3.29 0.00	37.42 2.20 0.00	42.78 2.30 0.00	48.65 2.26 0.00
N.QUEENS_27_KV_LOAD 356247	50.84 2.41 0.00	44.00 2.30 0.00	47.39 2.14 0.00	43.88 1.99 0.00	39.33 1.75 0.00	38.64 1.68 0.00	36.13 1.61 0.00	54.06 2.37 0.00	45.30 2.09 0.00	43.89 2.28 0.00	47.32 2.55 0.00	50.91 2.82 0.00	81.87 3.50 -24.61	51.51 3.14 -0.13	55.71 3.22 -0.45	49.59 2.99 -0.97	216.73 11.76 0.01	71.28 4.33 -0.65	70.76 4.54 0.02	60.85 3.85 0.01	60.06 3.60 0.01	48.01 2.45 -10.33	43.14 2.66 0.00	49.00 2.61 0.00
N.TROY___115KV_TB1 355778	49.53 1.10 0.00	42.91 1.20 0.00	46.52 1.27 0.00	43.03 1.14 0.00	38.57 0.99 0.00	37.95 0.99 0.00	35.47 0.95 0.00	53.02 1.32 0.00	44.22 1.01 0.00	42.66 1.04 0.00	45.93 1.16 0.00	49.51 1.42 0.00	55.38 1.62 0.00	49.75 1.51 0.00	53.83 1.78 0.00	47.34 1.71 0.00	212.07 7.09 0.00	68.76 2.46 0.00	69.03 2.80 0.01	59.37 2.37 0.00	58.68 2.22 0.00	36.79 1.56 0.00	41.99 1.51 0.00	47.83 1.44 0.00
NARROWS_GT1_1 24228	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_2 24229	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_3 24230	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_4 24231	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_5 24232	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01

NARROWS_GT1_6 24233	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_7 24234	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT1_8 24235	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_1 24236	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_2 24237	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_3 24238	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_4 24239	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_5 24240	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_6 24241	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_7 24242	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NARROWS_GT2_8 24243	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.64 1.21 0.00	42.94 1.23 0.00	46.51 1.26 0.00	43.08 1.20 0.00	38.69 1.11 0.00	38.10 1.14 0.00	35.56 1.04 0.00	53.14 1.44 0.00	44.45 1.24 0.00	42.84 1.23 0.00	46.08 1.31 0.00	49.68 1.59 0.00	55.74 1.98 0.00	49.93 1.69 0.00	54.06 2.02 0.00	47.56 1.94 0.00	211.47 6.49 0.00	68.69 2.39 0.00	69.39 3.16 0.01	59.70 2.69 0.00	59.02 2.55 0.00	36.95 1.72 0.00	42.17 1.68 0.00	48.00 1.62 0.00
NCHELSEA_115KV_TR2 355582	50.79 2.36 0.00	43.96 2.25 0.00	47.44 2.18 0.00	43.85 1.96 0.00	39.31 1.73 0.00	38.63 1.67 0.00	36.15 1.63 0.00	54.16 2.46 0.00	45.30 2.09 0.00	43.82 2.21 0.00	47.26 2.49 0.00	50.90 2.81 0.00	57.04 3.27 0.00	51.31 3.07 0.00	55.33 3.29 0.00	48.57 2.95 0.00	217.45 12.47 0.00	70.65 4.36 0.01	70.89 4.66 0.01	60.98 3.97 0.00	60.20 3.73 0.00	37.72 2.49 0.00	43.08 2.60 0.00	48.99 2.60 0.00
NEG CAPITAL___MECHNVIL 23645	50.46 2.03 0.00	43.69 1.99 0.00	47.35 2.09 0.00	43.77 1.89 0.00	39.18 1.60 0.00	38.49 1.53 0.00	36.00 1.48 0.00	53.90 2.20 0.00	44.96 1.75 0.00	43.38 1.76 0.00	46.71 1.94 0.00	50.29 2.20 0.00	56.31 2.55 0.00	50.57 2.33 0.00	54.71 2.66 0.00	48.10 2.48 0.00	215.59 10.61 0.00	69.97 3.67 0.00	70.26 4.03 0.01	60.45 3.44 0.00	59.74 3.27 0.00	37.40 2.17 0.00	42.66 2.18 0.00	48.57 2.19 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.82 -2.61 0.00	39.72 -1.99 0.00	43.21 -2.04 0.00	39.84 -2.04 0.00	35.78 -1.80 0.00	35.28 -1.68 0.00	33.08 -1.44 0.00	49.58 -2.12 0.00	41.03 -2.18 0.00	39.51 -2.10 0.00	42.37 -2.41 0.00	45.12 -2.97 0.00	50.43 -3.33 0.00	45.35 -2.89 0.00	48.79 -3.25 0.00	42.89 -2.74 0.00	192.89 -12.09 0.00	61.93 -4.39 -0.02	61.90 -4.36 -0.03	53.46 -3.55 0.00	52.86 -3.61 0.00	33.35 -1.88 0.00	38.41 -2.08 0.00	44.44 -1.95 0.00

NEG CENTRAL___DRP 24199	47.41 -1.02 0.00	41.06 -0.65 0.00	44.59 -0.66 0.00	41.20 -0.69 0.00	37.00 -0.58 0.00	36.39 -0.57 0.00	34.14 -0.37 0.00	51.16 -0.53 0.00	42.50 -0.71 0.00	40.95 -0.66 0.00	44.02 -0.76 0.00	46.98 -1.11 0.00	52.45 -1.31 0.00	47.07 -1.17 0.00	50.63 -1.42 0.00	44.58 -1.05 0.00	200.87 -4.11 0.00	64.86 -1.78 -0.34	65.24 -1.57 -0.57	56.08 -1.18 -0.26	56.40 -1.36 -1.29	34.67 -0.56 0.00	39.90 -0.59 0.00	45.89 -0.51 0.00
NEG CENTRAL___INDECK 23768	47.58 -0.85 0.00	41.36 -0.34 0.00	44.91 -0.34 0.00	41.36 -0.52 0.00	37.11 -0.48 0.00	36.59 -0.36 0.00	34.39 -0.13 0.00	51.60 -0.09 0.00	42.51 -0.70 0.00	40.95 -0.66 0.00	43.97 -0.80 0.00	46.55 -1.54 0.00	52.04 -1.72 0.00	46.52 -1.72 0.00	50.18 -1.87 0.00	44.18 -1.45 0.00	200.03 -4.94 0.00	67.76 -2.17 -3.62	70.26 -2.10 -6.12	58.32 -1.45 -2.76	68.70 -1.54 -13.77	34.74 -0.50 0.00	39.91 -0.57 0.00	46.20 -0.19 0.00
NEG CENTRAL___SENECA 23627	47.25 -1.18 0.00	41.03 -0.68 0.00	44.57 -0.68 0.00	41.14 -0.74 0.00	36.96 -0.62 0.00	36.37 -0.59 0.00	34.16 -0.36 0.00	51.18 -0.52 0.00	42.44 -0.77 0.00	40.93 -0.68 0.00	44.02 -0.76 0.00	46.84 -1.25 0.00	52.26 -1.50 0.00	46.97 -1.27 0.00	50.49 -1.55 0.00	44.47 -1.15 0.00	200.82 -4.16 0.00	64.85 -1.99 -0.53	65.33 -1.81 -0.90	56.17 -1.25 -0.41	56.94 -1.56 -2.04	34.67 -0.57 0.00	39.86 -0.62 0.00	45.86 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	48.05 -0.38 0.00	41.41 -0.29 0.00	45.02 -0.23 0.00	41.62 -0.26 0.00	37.41 -0.17 0.00	36.67 -0.29 0.00	34.44 -0.09 0.00	51.63 -0.07 0.00	42.96 -0.25 0.00	41.34 -0.27 0.00	44.47 -0.31 0.00	47.57 -0.52 0.00	53.16 -0.60 0.00	47.55 -0.69 0.00	51.16 -0.88 0.00	45.11 -0.51 0.00	202.73 -2.25 0.00	65.28 -1.02 0.00	65.59 -0.65 0.00	56.38 -0.63 0.00	55.87 -0.59 0.00	34.94 -0.29 0.00	40.29 -0.20 0.00	46.33 -0.06 0.00
NEG MILLWOOD___DRP 24198	50.87 2.44 0.00	44.03 2.32 0.00	47.49 2.24 0.00	43.88 1.99 0.00	39.34 1.76 0.00	38.66 1.70 0.00	36.17 1.66 0.00	54.21 2.51 0.00	45.36 2.15 0.00	43.90 2.28 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.18 3.42 0.00	51.43 3.19 0.00	55.44 3.40 0.00	48.68 3.06 0.00	217.86 12.88 0.00	70.80 4.51 0.01	71.06 4.84 0.01	61.13 4.12 0.00	60.32 3.86 0.00	37.80 2.57 0.00	43.18 2.70 0.00	49.08 2.69 0.00
NEG NORTH_FLCN_SEA 23793	50.01 1.58 0.00	42.64 0.93 0.00	46.07 0.82 0.00	42.56 0.68 0.00	38.22 0.64 0.00	37.61 0.65 0.00	35.26 0.74 0.00	52.87 1.18 0.00	44.22 1.01 0.00	42.47 0.86 0.00	45.69 0.91 0.00	48.98 0.89 0.00	54.53 0.77 0.00	48.93 0.69 0.00	53.07 1.03 0.00	46.40 0.78 0.00	208.73 3.75 0.00	67.39 1.08 0.00	67.56 1.33 0.00	58.26 1.25 0.00	57.79 1.32 0.00	35.51 0.28 0.00	40.53 0.05 0.00	46.31 -0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	49.54 1.10 0.00	42.19 0.48 0.00	45.65 0.39 0.00	42.21 0.32 0.00	37.87 0.29 0.00	37.26 0.30 0.00	34.88 0.36 0.00	52.31 0.61 0.00	43.79 0.58 0.00	41.98 0.36 0.00	45.07 0.30 0.00	48.41 0.32 0.00	53.93 0.17 0.00	48.39 0.15 0.00	52.41 0.36 0.00	45.81 0.19 0.00	206.45 1.47 0.00	66.67 0.36 0.00	66.72 0.48 0.00	57.58 0.58 0.00	57.21 0.74 0.00	35.08 -0.15 0.00	40.03 -0.45 0.00	45.85 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	49.93 1.50 0.00	42.56 0.86 0.00	45.99 0.74 0.00	42.51 0.62 0.00	38.16 0.58 0.00	37.55 0.60 0.00	35.19 0.67 0.00	52.79 1.09 0.00	44.18 0.97 0.00	42.42 0.80 0.00	45.60 0.83 0.00	48.89 0.80 0.00	54.41 0.65 0.00	48.82 0.59 0.00	52.94 0.90 0.00	46.28 0.65 0.00	208.21 3.22 0.00	67.32 1.01 0.00	67.51 1.27 0.00	58.26 1.26 0.00	57.81 1.35 0.00	35.50 0.27 0.00	40.49 0.01 0.00	46.27 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	49.93 1.50 0.00	42.56 0.86 0.00	45.99 0.74 0.00	42.51 0.62 0.00	38.16 0.58 0.00	37.55 0.60 0.00	35.19 0.67 0.00	52.79 1.09 0.00	44.18 0.97 0.00	42.42 0.80 0.00	45.60 0.83 0.00	48.89 0.80 0.00	54.41 0.65 0.00	48.82 0.59 0.00	52.94 0.90 0.00	46.28 0.65 0.00	208.21 3.22 0.00	67.32 1.01 0.00	67.51 1.27 0.00	58.26 1.26 0.00	57.81 1.35 0.00	35.50 0.27 0.00	40.49 0.01 0.00	46.27 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	49.94 1.50 0.00	42.56 0.86 0.00	46.00 0.74 0.00	42.51 0.62 0.00	38.16 0.58 0.00	37.55 0.59 0.00	35.19 0.68 0.00	52.79 1.09 0.00	44.18 0.97 0.00	42.42 0.80 0.00	45.60 0.83 0.00	48.89 0.80 0.00	54.41 0.65 0.00	48.83 0.59 0.00	52.94 0.90 0.00	46.28 0.65 0.00	208.29 3.30 0.00	67.32 1.02 0.00	67.51 1.27 0.00	58.26 1.25 0.00	57.82 1.35 0.00	35.50 0.27 0.00	40.49 0.01 0.00	46.27 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	45.04 -3.39 0.00	39.30 -2.41 0.00	42.88 -2.37 0.00	39.37 -2.51 0.00	35.41 -2.18 0.00	34.93 -2.03 0.00	32.85 -1.67 0.00	49.12 -2.58 0.00	40.05 -3.16 0.00	38.50 -3.11 0.00	41.13 -3.64 0.00	43.37 -4.72 0.00	48.15 -5.62 0.00	43.70 -4.54 0.00	46.95 -5.10 0.00	41.29 -4.33 0.00	185.92 -19.06 0.00	57.80 -7.48 1.03	57.08 -7.47 1.68	50.51 -5.85 0.64	47.40 -5.90 3.17	32.24 -3.00 0.00	37.27 -3.22 0.00	43.68 -2.71 0.00
NEG WEST___LANCASTER 23811	45.38 -3.06 0.00	39.60 -2.11 0.00	43.09 -2.16 0.00	39.63 -2.25 0.00	35.63 -1.96 0.00	35.11 -1.85 0.00	33.09 -1.43 0.00	49.58 -2.12 0.00	40.55 -2.66 0.00	39.07 -2.55 0.00	41.87 -2.91 0.00	44.16 -3.93 0.00	49.25 -4.51 0.00	44.39 -3.85 0.00	47.72 -4.32 0.00	41.96 -3.66 0.00	189.91 -15.07 0.00	59.26 -5.98 1.06	58.82 -5.67 1.74	51.88 -4.47 0.66	48.59 -4.61 3.27	32.91 -2.33 0.00	38.00 -2.48 0.00	44.36 -2.03 0.00
NEG_PENN_ALLEGHNY 23528	47.99 -0.44 0.00	41.59 -0.11 0.00	45.01 -0.24 0.00	41.64 -0.25 0.00	37.38 -0.20 0.00	36.78 -0.18 0.00	34.47 -0.05 0.00	51.73 0.03 0.00	42.91 -0.30 0.00	41.40 -0.22 0.00	44.61 -0.17 0.00	47.62 -0.47 0.00	53.33 -0.44 0.00	47.79 -0.44 0.00	51.45 -0.59 0.00	45.19 -0.44 0.00	204.20 -0.78 0.00	65.64 -0.62 0.04	65.77 -0.41 0.06	56.75 -0.26 0.00	55.99 -0.48 0.00	35.20 -0.03 0.00	40.44 -0.04 0.00	46.38 -0.01 0.00
NEG___GEN_MONROE 24207	46.54 -1.90 0.00	40.42 -1.29 0.00	43.99 -1.26 0.00	40.52 -1.37 0.00	36.42 -1.17 0.00	35.90 -1.06 0.00	33.69 -0.83 0.00	50.49 -1.21 0.00	41.61 -1.60 0.00	40.03 -1.58 0.00	42.85 -1.92 0.00	45.53 -2.56 0.00	50.73 -3.03 0.00	45.79 -2.45 0.00	49.18 -2.86 0.00	43.26 -2.36 0.00	194.80 -10.18 0.00	62.23 -3.94 0.13	62.10 -3.91 0.23	53.88 -3.02 0.11	52.82 -3.12 0.53	33.79 -1.45 0.00	38.92 -1.56 0.00	45.18 -1.21 0.00
NEPA___ENERGY 23901	45.83 -2.60 0.00	40.03 -1.68 0.00	43.39 -1.86 0.00	39.97 -1.91 0.00	35.89 -1.70 0.00	35.32 -1.64 0.00	33.39 -1.13 0.00	50.23 -1.47 0.00	40.97 -2.24 0.00	39.50 -2.11 0.00	42.56 -2.21 0.00	44.77 -3.32 0.00	50.01 -3.75 0.00	44.98 -3.25 0.00	48.30 -3.74 0.00	42.44 -3.18 0.00	194.35 -10.63 0.00	60.05 -5.09 1.16	59.45 -4.89 1.90	52.58 -3.70 0.73	48.79 -4.06 3.62	33.27 -1.96 0.00	38.42 -2.06 0.00	44.66 -1.73 0.00

NEVERSINK___HYD 23608	50.92 2.49 0.00	44.03 2.32 0.00	47.53 2.27 0.00	43.95 2.06 0.00	39.39 1.80 0.00	38.69 1.74 0.00	36.19 1.67 0.00	54.27 2.58 0.00	45.40 2.19 0.00	43.90 2.29 0.00	47.37 2.59 0.00	50.93 2.84 0.00	57.08 3.32 0.00	51.37 3.14 0.00	55.41 3.37 0.00	48.61 2.99 0.00	217.76 12.78 0.00	70.62 4.33 0.01	70.80 4.57 0.01	60.95 3.94 0.00	60.22 3.75 0.00	37.70 2.47 0.00	43.06 2.58 0.00	49.00 2.62 0.00
NEWKRMKL_115KV_TB1 55635	48.83 0.40 0.00	42.28 0.58 0.00	45.78 0.53 0.00	42.40 0.51 0.00	38.10 0.52 0.00	37.50 0.54 0.00	35.00 0.48 0.00	52.24 0.54 0.00	43.65 0.44 0.00	42.12 0.50 0.00	45.34 0.57 0.00	48.84 0.75 0.00	54.71 0.95 0.00	49.13 0.89 0.00	53.10 1.06 0.00	46.68 1.05 0.00	208.88 3.90 0.00	67.76 1.46 0.00	67.95 1.72 0.01	58.41 1.41 0.00	57.75 1.29 0.00	36.20 0.97 0.00	41.38 0.90 0.00	47.13 0.74 0.00
NEWTON___FALLS_HYD 23847	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.68 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.51 -5.47 0.00	65.15 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.26 0.00	34.69 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
NGRID_A1_DSASP 323792	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.72 -3.16 0.00	34.79 -2.79 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.40 0.00	39.63 -3.58 0.00	38.16 -3.45 0.00	40.74 -4.03 0.00	42.92 -5.17 0.00	47.91 -5.85 0.00	43.40 -4.84 0.00	46.66 -5.39 0.00	41.03 -4.60 0.00	184.31 -20.67 0.00	56.98 -8.25 1.08	56.16 -8.32 1.76	49.71 -6.65 0.64	46.56 -6.69 3.21	31.77 -3.46 0.00	36.81 -3.67 0.00	43.18 -3.21 0.00
NGRID_A2_DSASP 323793	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.72 -3.16 0.00	34.79 -2.79 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.40 0.00	39.63 -3.58 0.00	38.16 -3.45 0.00	40.74 -4.03 0.00	42.92 -5.17 0.00	47.91 -5.85 0.00	43.40 -4.84 0.00	46.66 -5.39 0.00	41.03 -4.60 0.00	184.31 -20.67 0.00	56.98 -8.25 1.08	56.16 -8.32 1.76	49.71 -6.65 0.64	46.56 -6.69 3.21	31.77 -3.46 0.00	36.81 -3.67 0.00	43.18 -3.21 0.00
NGRID_A4_DSASP 323807	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.72 -3.16 0.00	34.79 -2.79 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.40 0.00	39.63 -3.58 0.00	38.16 -3.45 0.00	40.74 -4.03 0.00	42.92 -5.17 0.00	47.91 -5.85 0.00	43.40 -4.84 0.00	46.66 -5.39 0.00	41.03 -4.60 0.00	184.31 -20.67 0.00	56.98 -8.25 1.08	56.16 -8.32 1.76	49.71 -6.65 0.64	46.56 -6.69 3.21	31.77 -3.46 0.00	36.81 -3.67 0.00	43.18 -3.21 0.00
NIAGARA_115E_LBMP 323715	44.62 -3.82 0.00	38.94 -2.77 0.00	42.51 -2.74 0.00	39.02 -2.87 0.00	35.05 -2.53 0.00	34.64 -2.32 0.00	32.56 -1.96 0.00	48.68 -3.02 0.00	39.57 -3.64 0.00	37.99 -3.63 0.00	40.58 -4.19 0.00	42.79 -5.30 0.00	47.63 -6.13 0.00	43.07 -5.17 0.00	46.29 -5.75 0.00	40.67 -4.96 0.00	182.92 -22.05 0.00	56.76 -8.49 1.05	56.10 -8.42 1.71	49.74 -6.63 0.63	46.72 -6.63 3.12	31.72 -3.52 0.00	36.67 -3.81 0.00	43.06 -3.33 0.00
NIAGARA_115W_LBMP 323714	44.12 -4.31 0.00	38.50 -3.21 0.00	42.06 -3.20 0.00	38.61 -3.28 0.00	34.68 -2.90 0.00	34.27 -2.68 0.00	32.21 -2.31 0.00	48.14 -3.56 0.00	39.54 -3.68 0.00	38.07 -3.54 0.00	40.65 -4.12 0.00	42.83 -5.27 0.00	47.80 -5.96 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.94 -4.69 0.00	183.85 -21.13 0.00	56.80 -8.43 1.07	56.00 -8.49 1.74	49.57 -6.79 0.64	46.46 -6.82 3.19	31.68 -3.55 0.00	36.70 -3.79 0.00	43.04 -3.34 0.00
NIAGARA_230_LBMP 323716	44.58 -3.85 0.00	38.90 -2.81 0.00	42.46 -2.79 0.00	39.00 -2.88 0.00	35.03 -2.56 0.00	34.61 -2.35 0.00	32.53 -1.99 0.00	48.65 -3.04 0.00	39.76 -3.45 0.00	38.26 -3.36 0.00	40.87 -3.91 0.00	43.08 -5.01 0.00	48.07 -5.69 0.00	43.48 -4.76 0.00	46.74 -5.31 0.00	41.09 -4.53 0.00	184.94 -20.04 0.00	57.48 -7.77 1.05	56.68 -7.86 1.70	50.12 -6.28 0.61	47.05 -6.37 3.05	32.02 -3.21 0.00	37.07 -3.41 0.00	43.44 -2.95 0.00
NIAGARA___115KV_198_GIBSON 55903	44.13 -4.31 0.00	38.50 -3.20 0.00	42.07 -3.19 0.00	38.62 -3.27 0.00	34.74 -2.84 0.00	34.27 -2.68 0.00	32.21 -2.31 0.00	48.13 -3.57 0.00	39.54 -3.68 0.00	38.08 -3.53 0.00	40.67 -4.11 0.00	42.82 -5.27 0.00	47.64 -6.12 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.94 -4.69 0.00	183.85 -21.13 0.00	56.80 -8.43 1.07	56.00 -8.50 1.74	49.57 -6.80 0.64	46.45 -6.83 3.19	31.68 -3.55 0.00	36.70 -3.78 0.00	43.05 -3.33 0.00
NIAGARA____ 23760	44.58 -3.85 0.00	38.90 -2.81 0.00	42.46 -2.79 0.00	39.00 -2.88 0.00	35.03 -2.56 0.00	34.61 -2.35 0.00	32.53 -1.99 0.00	48.65 -3.04 0.00	39.76 -3.45 0.00	38.26 -3.36 0.00	40.87 -3.91 0.00	43.08 -5.01 0.00	48.07 -5.69 0.00	43.48 -4.76 0.00	46.74 -5.31 0.00	41.09 -4.53 0.00	184.94 -20.04 0.00	57.48 -7.77 1.05	56.68 -7.86 1.70	50.12 -6.28 0.61	47.03 -6.37 3.07	32.02 -3.21 0.00	37.07 -3.41 0.00	43.44 -2.95 0.00
NINE_MILE_1 23575	46.72 -1.71 0.00	40.35 -1.36 0.00	43.76 -1.49 0.00	40.48 -1.41 0.00	36.33 -1.25 0.00	35.75 -1.21 0.00	33.42 -1.10 0.00	50.06 -1.64 0.00	41.72 -1.49 0.00	40.17 -1.45 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.69 -2.07 0.00	46.34 -1.89 0.00	49.88 -2.17 0.00	43.77 -1.85 0.00	196.54 -8.44 0.00	63.55 -2.76 0.00	63.56 -2.69 -0.01	54.75 -2.26 0.00	54.19 -2.28 0.00	33.93 -1.31 0.00	39.08 -1.40 0.00	44.95 -1.44 0.00
NINE_MILE_2 23744	46.73 -1.71 0.00	40.35 -1.36 0.00	43.77 -1.49 0.00	40.48 -1.40 0.00	36.34 -1.25 0.00	35.75 -1.21 0.00	33.42 -1.10 0.00	50.06 -1.64 0.00	41.72 -1.49 0.00	40.17 -1.45 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.70 -2.06 0.00	46.35 -1.89 0.00	49.89 -2.15 0.00	43.77 -1.85 0.00	196.55 -8.43 0.00	63.55 -2.75 0.00	63.57 -2.68 -0.01	54.75 -2.25 0.00	54.19 -2.27 0.00	33.93 -1.30 0.00	39.08 -1.40 0.00	44.96 -1.43 0.00
NM_CAPITAL___DRP 24208	48.95 0.51 0.00	42.38 0.67 0.00	45.91 0.66 0.00	42.50 0.62 0.00	38.18 0.59 0.00	37.57 0.62 0.00	35.07 0.55 0.00	52.36 0.66 0.00	43.75 0.54 0.00	42.20 0.58 0.00	45.44 0.67 0.00	48.96 0.87 0.00	54.82 1.05 0.00	49.23 0.99 0.00	53.22 1.18 0.00	46.79 1.16 0.00	209.37 4.39 0.00	67.92 1.62 0.00	68.10 1.87 0.01	58.55 1.54 0.00	57.88 1.42 0.00	36.29 1.06 0.00	41.48 1.00 0.00	47.25 0.86 0.00
NM_CENTRAL___DRP 24181	47.45 -0.98 0.00	41.02 -0.69 0.00	44.49 -0.76 0.00	41.14 -0.75 0.00	36.93 -0.66 0.00	36.34 -0.62 0.00	33.99 -0.53 0.00	50.91 -0.79 0.00	42.40 -0.81 0.00	40.86 -0.76 0.00	43.89 -0.88 0.00	47.02 -1.07 0.00	52.61 -1.15 0.00	47.20 -1.04 0.00	50.79 -1.25 0.00	44.58 -1.04 0.00	200.46 -4.52 0.00	64.76 -1.55 0.00	64.78 -1.46 0.00	55.82 -1.19 0.00	55.19 -1.27 0.00	34.60 -0.63 0.00	39.82 -0.66 0.00	45.76 -0.62 0.00

NM_FRONTIER___DRP 24179	44.13 -4.31 0.00	38.50 -3.20 0.00	42.07 -3.19 0.00	38.62 -3.27 0.00	34.74 -2.84 0.00	34.27 -2.68 0.00	32.21 -2.31 0.00	48.13 -3.57 0.00	39.54 -3.68 0.00	38.08 -3.53 0.00	40.67 -4.11 0.00	42.82 -5.27 0.00	47.64 -6.12 0.00	43.30 -4.94 0.00	46.55 -5.49 0.00	40.94 -4.69 0.00	183.85 -21.13 0.00	56.80 -8.43 1.07	56.00 -8.50 1.74	49.57 -6.80 0.64	46.45 -6.83 3.19	31.68 -3.55 0.00	36.70 -3.78 0.00	43.05 -3.33 0.00
NM_ST_REGIS___HYD 24053	48.83 0.39 0.00	41.49 -0.22 0.00	44.91 -0.35 0.00	41.55 -0.34 0.00	37.29 -0.29 0.00	36.68 -0.28 0.00	34.28 -0.24 0.00	51.41 -0.29 0.00	43.10 -0.11 0.00	41.23 -0.39 0.00	44.22 -0.55 0.00	47.51 -0.58 0.00	52.91 -0.85 0.00	47.53 -0.71 0.00	51.39 -0.65 0.00	44.86 -0.77 0.00	202.25 -2.73 0.00	65.62 -0.68 0.00	65.68 -0.56 0.00	56.54 -0.47 0.00	56.52 0.06 0.00	34.65 -0.58 0.00	39.57 -0.91 0.00	45.34 -1.05 0.00
NORTHPORT___1 23551	50.77 2.34 0.00	44.11 2.40 0.00	47.50 2.25 0.00	43.89 2.00 0.00	39.51 1.92 0.00	38.85 1.89 0.00	36.29 1.78 0.00	54.23 2.53 0.00	45.57 2.36 0.00	44.46 2.41 -0.44	48.41 2.72 -0.92	50.49 2.88 0.47	22.59 3.48 34.64	52.76 3.21 -1.31	55.77 3.33 -0.40	50.40 3.03 -1.75	224.27 9.70 -9.59	75.33 4.39 -4.64	72.64 5.03 -1.37	68.38 4.26 -7.11	69.99 4.01 -9.52	31.85 2.85 6.23	43.40 2.92 0.00	49.49 3.10 0.00
NORTHPORT___2 23552	50.77 2.34 0.00	44.11 2.40 0.00	47.50 2.25 0.00	43.89 2.00 0.00	39.51 1.92 0.00	38.85 1.89 0.00	36.29 1.78 0.00	54.23 2.53 0.00	45.57 2.36 0.00	44.46 2.41 -0.44	48.41 2.72 -0.92	50.49 2.88 0.47	22.59 3.48 34.64	52.76 3.21 -1.31	55.77 3.33 -0.40	50.40 3.03 -1.75	224.27 9.70 -9.59	75.33 4.39 -4.64	72.64 5.03 -1.37	68.38 4.26 -7.11	69.99 4.01 -9.52	31.85 2.85 6.23	43.40 2.92 0.00	49.49 3.10 0.00
NORTHPORT___3 23553	50.59 2.16 0.00	43.93 2.22 0.00	47.31 2.05 0.00	43.71 1.83 0.00	39.34 1.75 0.00	38.70 1.75 0.00	36.18 1.66 0.00	54.05 2.35 0.00	45.37 2.16 0.00	44.30 2.25 -0.43	48.29 2.60 -0.91	50.41 2.81 0.50	19.99 3.42 37.19	52.66 3.14 -1.29	55.65 3.26 -0.35	50.22 2.96 -1.63	224.49 9.84 -9.67	75.19 4.28 -4.61	72.53 4.91 -1.38	68.36 4.18 -7.18	69.97 3.90 -9.61	30.73 2.72 7.23	43.27 2.79 0.00	49.29 2.90 0.00
NORTHPORT___4 23650	50.59 2.16 0.00	43.93 2.22 0.00	47.31 2.05 0.00	43.71 1.83 0.00	39.34 1.75 0.00	38.70 1.75 0.00	36.18 1.66 0.00	54.05 2.35 0.00	45.37 2.16 0.00	44.30 2.25 -0.43	48.29 2.60 -0.91	50.41 2.81 0.50	19.99 3.42 37.19	52.66 3.14 -1.29	55.65 3.26 -0.35	50.22 2.96 -1.63	224.49 9.84 -9.67	75.19 4.28 -4.61	72.53 4.91 -1.38	68.36 4.18 -7.18	69.97 3.90 -9.61	30.73 2.72 7.23	43.27 2.79 0.00	49.29 2.90 0.00
NORTHPORT___IC 23718	50.76 2.33 0.00	44.12 2.41 0.00	47.50 2.25 0.00	43.89 2.00 0.00	39.51 1.92 0.00	38.85 1.89 0.00	36.29 1.78 0.00	54.23 2.53 0.00	45.57 2.36 0.00	44.46 2.41 -0.44	48.41 2.72 -0.92	50.48 2.86 0.47	22.71 3.59 34.64	52.76 3.21 -1.31	55.77 3.33 -0.40	50.41 3.03 -1.75	224.26 9.70 -9.59	75.32 4.37 -4.64	72.64 5.03 -1.37	68.38 4.27 -7.11	69.99 4.01 -9.52	31.89 2.89 6.23	43.40 2.92 0.00	49.49 3.10 0.00
NORTH___COUNTRY_ESR 323785	49.42 0.99 0.00	42.09 0.38 0.00	45.56 0.30 0.00	42.13 0.24 0.00	37.80 0.22 0.00	37.18 0.23 0.00	34.80 0.28 0.00	52.20 0.50 0.00	43.72 0.51 0.00	41.93 0.32 0.00	45.07 0.30 0.00	48.41 0.31 0.00	53.92 0.16 0.00	48.39 0.15 0.00	52.41 0.36 0.00	45.81 0.19 0.00	206.44 1.46 0.00	66.66 0.36 0.00	66.60 0.37 0.00	57.44 0.44 0.00	57.05 0.58 0.00	34.98 -0.25 0.00	39.91 -0.57 0.00	45.75 -0.64 0.00
NPX_GEN_1385_PROXY 323591	50.77 2.34 0.00	44.10 2.40 0.00	47.49 2.24 0.00	43.88 2.00 0.00	39.51 1.92 0.00	38.85 1.89 0.00	36.55 2.03 0.00	54.61 2.91 0.00	45.86 2.65 0.00	44.45 2.40 -0.44	48.40 2.71 -0.92	50.49 2.87 0.47	22.58 3.47 34.64	52.76 3.21 -1.31	55.75 3.32 -0.40	50.30 2.92 -1.75	224.21 9.64 -9.59	75.31 4.37 -4.64	72.46 4.85 -1.37	68.24 4.12 -7.11	70.00 4.01 -9.52	32.06 3.06 6.23	43.50 3.02 0.00	49.48 3.10 0.00
NPX_GEN_CSC 323557	51.15 2.71 0.00	44.34 2.64 0.00	47.68 2.43 0.00	44.04 2.16 0.00	39.65 2.07 0.00	38.98 2.02 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.76 2.55 0.00	44.73 2.60 -0.52	48.89 2.96 -1.16	50.93 3.10 0.26	23.09 3.79 34.46	53.43 3.61 -1.58	56.40 3.76 -0.59	51.46 3.51 -2.32	225.05 10.33 -9.74	76.45 5.31 -4.83	74.14 6.45 -1.45	69.68 5.46 -7.22	71.28 5.14 -9.68	32.62 3.46 6.07	44.06 3.58 0.00	50.23 3.84 0.00
NSINS_S_GLNS_FALLS 23858	51.02 2.59 0.00	44.21 2.51 0.00	47.85 2.60 0.00	44.17 2.28 0.00	39.45 1.87 0.00	38.70 1.74 0.00	36.26 1.74 0.00	54.29 2.59 0.00	45.35 2.14 0.00	43.72 2.11 0.00	47.15 2.37 0.00	50.78 2.69 0.00	56.80 3.04 0.00	50.98 2.74 0.00	55.18 3.14 0.00	48.49 2.87 0.00	217.44 12.46 0.00	70.66 4.36 0.00	71.07 4.84 0.01	61.22 4.21 0.00	60.50 4.04 0.00	37.84 2.61 0.00	43.02 2.54 0.00	48.84 2.46 0.00
NUCOR_STEEL___DRP 24197	48.06 -0.37 0.00	41.39 -0.32 0.00	45.01 -0.24 0.00	41.62 -0.26 0.00	37.40 -0.19 0.00	36.66 -0.31 0.00	34.41 -0.10 0.00	51.61 -0.09 0.00	42.95 -0.26 0.00	41.33 -0.28 0.00	44.45 -0.32 0.00	47.57 -0.52 0.00	53.16 -0.60 0.00	47.53 -0.71 0.00	51.14 -0.91 0.00	45.11 -0.51 0.00	202.57 -2.41 0.00	65.25 -1.06 0.00	65.59 -0.65 0.00	56.33 -0.68 0.00	55.86 -0.60 0.00	34.92 -0.31 0.00	40.28 -0.21 0.00	46.32 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	48.77 0.34 0.00	41.80 0.10 0.00	45.24 -0.01 0.00	41.90 0.02 0.00	37.70 0.11 0.00	37.12 0.16 0.00	34.58 0.06 0.00	51.60 -0.10 0.00	43.27 0.06 0.00	41.65 0.04 0.00	44.70 -0.07 0.00	47.95 -0.14 0.00	53.60 -0.16 0.00	48.19 -0.05 0.00	51.63 -0.41 0.00	44.89 -0.73 0.00	202.32 -2.66 0.00	66.34 0.04 0.00	66.70 0.46 0.00	57.55 0.54 0.00	57.22 0.76 0.00	35.54 0.31 0.00	40.52 0.04 0.00	46.35 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	48.43 0.00 0.00	41.71 0.00 0.00	45.25 0.00 0.00	41.88 0.00 0.00	37.58 0.00 0.00	36.96 0.00 0.00	34.52 0.00 0.00	51.70 0.00 0.00	43.21 0.00 0.00	41.61 0.00 0.00	44.77 0.00 0.00	48.09 0.00 0.00	53.76 0.00 0.00	48.24 0.00 0.00	52.04 0.00 0.00	45.62 0.00 0.00	204.98 0.00 0.00	66.31 0.00 0.00	66.24 0.00 0.00	57.01 0.00 0.00	56.46 0.00 0.00	35.23 0.00 0.00	40.48 0.00 0.00	46.39 0.00 0.00
NYPA_BRENTWD____GT 24164	51.28 2.84 0.00	44.48 2.77 0.00	47.86 2.61 0.00	44.22 2.33 0.00	39.81 2.22 0.00	39.13 2.18 0.00	36.58 2.06 0.00	54.70 3.00 0.00	45.95 2.74 0.00	45.00 2.77 -0.61	49.39 3.18 -1.44	51.49 3.40 0.00	27.15 4.04 30.65	53.98 3.81 -1.93	56.89 3.95 -0.89	52.37 3.59 -3.15	226.75 11.85 -9.92	76.31 4.85 -5.16	73.38 5.62 -1.53	69.23 4.89 -7.34	70.82 4.50 -9.86	34.23 3.31 4.31	43.90 3.42 0.00	50.03 3.64 0.00

NYPA_GOWANUS____GT5 24156	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NYPA_GOWANUS____GT6 24157	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.88 1.99 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.21 1.69 0.00	54.16 2.46 0.00	45.43 2.22 0.00	44.07 2.45 0.00	47.50 2.72 0.00	51.08 2.99 0.00	57.31 3.54 0.00	51.60 3.36 0.00	55.47 3.43 0.00	48.78 3.16 0.00	217.79 12.81 0.00	70.84 4.55 0.01	71.11 4.88 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.23 2.83 -0.01
NYPA_HARLEM__RVR__GT1 24160	50.72 2.29 0.00	43.91 2.20 0.00	47.34 2.09 0.00	43.84 1.96 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.10 1.58 0.00	54.03 2.33 0.00	45.27 2.06 0.00	43.86 2.25 0.00	47.37 2.59 0.00	50.88 2.79 0.00	57.10 3.34 0.00	51.33 3.09 0.00	55.17 3.13 0.00	48.52 2.90 0.00	216.61 11.63 0.00	70.49 4.19 0.01	70.72 4.50 0.01	60.81 3.80 0.00	60.03 3.57 0.00	37.65 2.42 0.00	43.10 2.62 0.00	48.97 2.58 0.00
NYPA_HARLEM__RVR__GT2 24161	50.72 2.29 0.00	43.91 2.20 0.00	47.34 2.09 0.00	43.84 1.96 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.10 1.58 0.00	54.03 2.33 0.00	45.27 2.06 0.00	43.86 2.25 0.00	47.37 2.59 0.00	50.88 2.79 0.00	57.10 3.34 0.00	51.33 3.09 0.00	55.17 3.13 0.00	48.52 2.90 0.00	216.61 11.63 0.00	70.49 4.19 0.01	70.72 4.50 0.01	60.81 3.80 0.00	60.03 3.57 0.00	37.65 2.42 0.00	43.10 2.62 0.00	48.97 2.58 0.00
NYPA_KENT____GT 24152	50.90 2.46 0.00	44.02 2.32 0.00	47.44 2.19 0.00	43.88 1.99 0.00	39.37 1.78 0.00	38.65 1.69 0.00	36.20 1.68 0.00	54.18 2.48 0.00	45.42 2.21 0.00	44.06 2.44 0.00	47.51 2.74 0.00	51.11 3.02 0.00	57.32 3.56 0.00	51.58 3.34 0.00	55.45 3.41 0.00	48.75 3.13 0.00	217.74 12.76 0.00	70.81 4.51 0.01	71.06 4.83 0.01	61.13 4.12 0.00	60.32 3.86 0.00	40.53 2.59 -2.70	43.27 2.79 0.00	49.19 2.79 -0.01
NYPA_POUCH1____GT 24155	50.85 2.42 0.00	44.02 2.31 0.00	47.39 2.14 0.00	43.83 1.95 0.00	39.37 1.79 0.00	38.65 1.70 0.00	36.20 1.68 0.00	54.07 2.37 0.00	45.38 2.17 0.00	43.99 2.38 0.00	47.39 2.61 0.00	50.89 2.80 0.00	57.13 3.37 0.00	51.52 3.28 0.00	55.37 3.33 0.00	48.73 3.11 0.00	217.43 12.45 0.00	70.75 4.45 0.01	71.01 4.78 0.01	61.08 4.07 0.00	60.32 3.85 0.00	42.27 2.58 -4.46	43.27 2.78 -0.01	49.20 2.80 -0.01
NYPA_VERNON____GT2 24162	50.87 2.44 0.00	44.00 2.29 0.00	47.44 2.19 0.00	43.88 1.99 0.00	39.36 1.78 0.00	38.65 1.69 0.00	36.20 1.68 0.00	54.19 2.49 0.00	45.42 2.21 0.00	44.04 2.43 0.00	47.51 2.74 0.00	51.13 3.04 0.00	57.33 3.57 0.00	51.57 3.33 0.00	55.43 3.38 0.00	48.72 3.10 0.00	217.60 12.62 0.00	70.75 4.46 0.01	71.02 4.80 0.01	61.08 4.08 0.00	60.27 3.81 0.00	38.75 2.57 -0.94	43.24 2.76 0.00	49.14 2.75 0.00
NYPA_VERNON____GT3 24163	50.87 2.44 0.00	44.00 2.29 0.00	47.44 2.19 0.00	43.88 1.99 0.00	39.36 1.78 0.00	38.65 1.69 0.00	36.20 1.68 0.00	54.19 2.49 0.00	45.42 2.21 0.00	44.04 2.43 0.00	47.51 2.74 0.00	51.13 3.04 0.00	57.33 3.57 0.00	51.57 3.33 0.00	55.43 3.38 0.00	48.72 3.10 0.00	217.60 12.62 0.00	70.75 4.46 0.01	71.02 4.80 0.01	61.08 4.08 0.00	60.27 3.81 0.00	38.75 2.57 -0.94	43.24 2.76 0.00	49.14 2.75 0.00
NYPA____ASTORIA_CC1 323568	50.80 2.36 0.00	43.93 2.22 0.00	47.36 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.37 0.00	47.46 2.68 0.00	51.06 2.97 0.00	57.26 3.50 0.00	51.50 3.26 0.00	55.35 3.31 0.00	48.66 3.03 0.00	217.32 12.34 0.00	70.66 4.37 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.07 2.68 0.00
NYPA____ASTORIA_CC2 323569	50.80 2.36 0.00	43.93 2.22 0.00	47.36 2.11 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.14 1.62 0.00	54.12 2.42 0.00	45.36 2.15 0.00	43.98 2.37 0.00	47.46 2.68 0.00	51.06 2.97 0.00	57.26 3.50 0.00	51.50 3.26 0.00	55.35 3.31 0.00	48.66 3.03 0.00	217.32 12.34 0.00	70.66 4.37 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.18 3.72 0.00	37.75 2.52 0.00	43.17 2.69 0.00	49.07 2.68 0.00
NYPA____HOLTSVILL 23794	50.99 2.56 0.00	44.26 2.56 0.00	47.62 2.37 0.00	43.99 2.11 0.00	39.59 2.00 0.00	38.93 1.97 0.00	36.38 1.86 0.00	54.41 2.71 0.00	45.70 2.48 0.00	44.67 2.54 -0.51	48.83 2.92 -1.13	50.92 3.11 0.28	22.78 3.74 34.73	53.31 3.52 -1.56	56.28 3.66 -0.57	51.23 3.35 -2.25	225.06 10.36 -9.73	76.01 4.90 -4.81	73.43 5.76 -1.44	69.08 4.87 -7.20	70.70 4.58 -9.66	32.20 3.16 6.19	43.73 3.25 0.00	49.86 3.48 0.00
NYPA____HELLGATE_GT1 24158	50.73 2.30 0.00	43.91 2.20 0.00	47.34 2.09 0.00	43.84 1.96 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.10 1.58 0.00	54.03 2.33 0.00	45.27 2.06 0.00	43.86 2.25 0.00	47.37 2.59 0.00	50.88 2.79 0.00	57.10 3.34 0.00	51.33 3.09 0.00	55.16 3.12 0.00	48.48 2.87 0.01	216.49 11.53 0.02	70.41 4.12 0.02	70.67 4.45 0.03	60.77 3.78 0.02	59.97 3.52 0.02	37.62 2.39 0.01	43.09 2.61 0.00	48.97 2.58 0.00
NYPA____HELLGATE_GT2 24159	50.73 2.30 0.00	43.91 2.20 0.00	47.34 2.09 0.00	43.84 1.96 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.10 1.58 0.00	54.03 2.33 0.00	45.27 2.06 0.00	43.86 2.25 0.00	47.37 2.59 0.00	50.88 2.79 0.00	57.10 3.34 0.00	51.33 3.09 0.00	55.16 3.12 0.00	48.48 2.87 0.01	216.49 11.53 0.02	70.41 4.12 0.02	70.67 4.45 0.03	60.77 3.78 0.02	59.97 3.52 0.02	37.62 2.39 0.01	43.09 2.61 0.00	48.97 2.58 0.00
NYS_BARGE____HYD 23848	45.09 -3.34 0.00	39.34 -2.37 0.00	42.93 -2.33 0.00	39.40 -2.49 0.00	35.39 -2.19 0.00	34.97 -1.99 0.00	32.89 -1.63 0.00	49.18 -2.52 0.00	40.08 -3.13 0.00	38.52 -3.09 0.00	41.12 -3.65 0.00	43.40 -4.70 0.00	48.32 -5.44 0.00	43.71 -4.53 0.00	46.97 -5.08 0.00	41.29 -4.33 0.00	185.87 -19.11 0.00	57.88 -7.47 0.96	57.24 -7.43 1.57	50.60 -5.81 0.59	47.70 -5.84 2.93	32.24 -2.99 0.00	37.26 -3.23 0.00	43.68 -2.71 0.00
OAK ORCHARD____HYD 24046	46.38 -2.06 0.00	40.25 -1.46 0.00	43.81 -1.44 0.00	40.35 -1.53 0.00	36.24 -1.35 0.00	35.74 -1.22 0.00	33.54 -0.98 0.00	50.24 -1.45 0.00	41.46 -1.75 0.00	39.92 -1.70 0.00	42.76 -2.01 0.00	45.46 -2.63 0.00	50.78 -2.98 0.00	45.72 -2.52 0.00	49.19 -2.85 0.00	43.23 -2.40 0.00	194.51 -10.47 0.00	62.32 -4.00 -0.02	62.26 -4.00 -0.03	53.86 -3.15 0.00	53.23 -3.24 0.00	33.68 -1.55 0.00	38.82 -1.66 0.00	45.02 -1.37 0.00

OAKDALE___35_KV_LOAD 356122	47.96 -0.47 0.00	41.56 -0.15 0.00	45.00 -0.25 0.00	41.62 -0.27 0.00	37.37 -0.22 0.00	36.76 -0.20 0.00	34.44 -0.07 0.00	51.68 -0.02 0.00	42.87 -0.34 0.00	41.35 -0.26 0.00	44.55 -0.22 0.00	47.58 -0.51 0.00	53.27 -0.49 0.00	47.76 -0.48 0.00	51.41 -0.64 0.00	45.14 -0.49 0.00	203.96 -1.02 0.00	65.55 -0.71 0.04	65.68 -0.50 0.06	56.68 -0.33 0.00	55.93 -0.53 0.00	35.16 -0.07 0.00	40.39 -0.09 0.00	46.33 -0.06 0.00
OCC_CHEM___DRP 24175	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.74 -3.15 0.00	34.85 -2.74 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.41 0.00	39.63 -3.58 0.00	38.17 -3.44 0.00	40.76 -4.02 0.00	42.92 -5.17 0.00	47.76 -6.00 0.00	43.40 -4.85 0.00	46.66 -5.39 0.00	41.03 -4.59 0.00	184.31 -20.67 0.00	56.97 -8.25 1.08	56.13 -8.35 1.76	49.70 -6.66 0.64	46.54 -6.71 3.21	31.77 -3.46 0.00	36.82 -3.67 0.00	43.18 -3.21 0.00
OH_GEN_PROXY 24063	44.63 -3.80 0.00	38.94 -2.78 0.00	42.51 -2.75 0.00	39.04 -2.84 0.00	35.08 -2.51 0.00	34.64 -2.32 0.00	32.57 -1.95 0.00	48.75 -2.95 0.00	39.84 -3.37 0.00	38.33 -3.28 0.00	40.96 -3.81 0.00	43.19 -4.90 0.00	48.19 -5.57 0.00	43.56 -4.68 0.00	46.83 -5.21 0.00	41.17 -4.45 0.00	185.35 -19.63 0.00	57.76 -7.55 0.98	57.02 -7.64 1.58	50.37 -6.09 0.55	47.49 -6.20 2.77	32.10 -3.13 0.00	37.16 -3.32 0.00	43.51 -2.88 0.00
OLIN_CORP_DRP 24177	44.67 -3.77 0.00	38.98 -2.73 0.00	42.56 -2.69 0.00	39.07 -2.81 0.00	35.15 -2.44 0.00	34.67 -2.29 0.00	32.59 -1.93 0.00	48.73 -2.96 0.00	39.63 -3.58 0.00	38.07 -3.55 0.00	40.69 -4.09 0.00	42.88 -5.22 0.00	47.60 -6.16 0.00	43.18 -5.06 0.00	46.40 -5.64 0.00	40.78 -4.84 0.00	183.49 -21.49 0.00	56.91 -8.33 1.07	56.20 -8.30 1.74	49.83 -6.53 0.64	46.72 -6.55 3.19	31.80 -3.44 0.00	36.78 -3.70 0.00	43.16 -3.23 0.00
OLIN_CORP_DSASP 323712	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.72 -3.16 0.00	34.79 -2.79 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.40 0.00	39.63 -3.58 0.00	38.16 -3.45 0.00	40.74 -4.03 0.00	42.92 -5.17 0.00	47.91 -5.85 0.00	43.40 -4.84 0.00	46.66 -5.39 0.00	41.03 -4.60 0.00	184.31 -20.67 0.00	56.98 -8.25 1.08	56.16 -8.32 1.76	49.71 -6.65 0.64	46.56 -6.69 3.21	31.77 -3.46 0.00	36.81 -3.67 0.00	43.18 -3.21 0.00
ONEIDA_HERK_LFGE 323681	48.97 0.54 0.00	42.13 0.42 0.00	45.64 0.38 0.00	42.24 0.35 0.00	37.96 0.37 0.00	37.36 0.40 0.00	34.87 0.35 0.00	52.14 0.44 0.00	43.62 0.41 0.00	42.03 0.41 0.00	45.18 0.41 0.00	48.47 0.38 0.00	54.27 0.50 0.00	48.75 0.52 0.00	52.38 0.33 0.00	45.79 0.17 0.00	206.22 1.24 0.00	67.11 0.81 0.00	67.31 1.07 0.00	57.98 0.97 0.00	57.47 1.01 0.00	35.82 0.58 0.00	40.96 0.48 0.00	46.87 0.48 0.00
ONEIDA___115KV_TB4 55905	49.01 0.58 0.00	42.29 0.58 0.00	45.82 0.56 0.00	42.38 0.49 0.00	38.05 0.46 0.00	37.44 0.49 0.00	35.00 0.49 0.00	52.42 0.73 0.00	43.75 0.53 0.00	42.13 0.52 0.00	45.35 0.58 0.00	48.58 0.49 0.00	54.48 0.72 0.00	48.94 0.71 0.00	52.61 0.57 0.00	46.17 0.55 0.00	207.90 2.92 0.00	67.39 1.09 0.00	67.50 1.27 0.00	58.13 1.12 0.00	57.46 1.00 0.00	35.92 0.69 0.00	41.17 0.68 0.00	47.13 0.74 0.00
ONONDAGA_REF_OCCRA 23987	47.77 -0.66 0.00	41.29 -0.42 0.00	44.76 -0.50 0.00	41.39 -0.49 0.00	37.16 -0.42 0.00	36.56 -0.40 0.00	34.20 -0.32 0.00	51.25 -0.45 0.00	42.68 -0.53 0.00	41.12 -0.49 0.00	44.21 -0.56 0.00	47.35 -0.74 0.00	53.00 -0.76 0.00	47.54 -0.70 0.00	51.17 -0.87 0.00	44.91 -0.72 0.00	202.08 -2.90 0.00	65.27 -1.03 0.00	65.31 -0.92 0.00	56.28 -0.73 0.00	55.64 -0.83 0.00	34.88 -0.36 0.00	40.10 -0.38 0.00	46.05 -0.34 0.00
ONONDAGA___COGEN 23986	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
ONTARIO___LFGE 23819	47.25 -1.18 0.00	41.03 -0.68 0.00	44.57 -0.68 0.00	41.14 -0.74 0.00	36.96 -0.62 0.00	36.37 -0.58 0.00	34.16 -0.35 0.00	51.17 -0.53 0.00	42.44 -0.77 0.00	40.94 -0.68 0.00	43.99 -0.78 0.00	46.81 -1.28 0.00	52.32 -1.44 0.00	46.97 -1.27 0.00	50.49 -1.55 0.00	44.47 -1.15 0.00	200.83 -4.15 0.00	64.85 -1.98 -0.53	65.34 -1.80 -0.90	56.17 -1.25 -0.41	56.95 -1.55 -2.04	34.67 -0.57 0.00	39.86 -0.62 0.00	45.86 -0.53 0.00
ORANGEVILLE_WT_PWR 323706	45.58 -2.85 0.00	39.79 -1.92 0.00	43.16 -2.09 0.00	39.65 -2.24 0.00	35.55 -2.04 0.00	34.99 -1.97 0.00	32.94 -1.58 0.00	49.38 -2.31 0.00	40.42 -2.79 0.00	38.99 -2.62 0.00	41.85 -2.93 0.00	44.19 -3.90 0.00	49.36 -4.40 0.00	44.36 -3.88 0.00	47.75 -4.29 0.00	41.95 -3.67 0.00	189.80 -15.18 0.00	56.66 -5.93 3.71	54.21 -5.81 6.22	49.66 -4.68 2.67	38.35 -4.82 13.29	32.82 -2.42 0.00	37.81 -2.67 0.00	44.05 -2.34 0.00
ORANGEVILLE___ESR 323794	45.58 -2.85 0.00	39.79 -1.92 0.00	43.16 -2.09 0.00	39.65 -2.24 0.00	35.55 -2.04 0.00	34.99 -1.97 0.00	32.94 -1.58 0.00	49.38 -2.31 0.00	40.42 -2.79 0.00	38.99 -2.62 0.00	41.85 -2.93 0.00	44.19 -3.90 0.00	49.36 -4.40 0.00	44.36 -3.88 0.00	47.75 -4.29 0.00	41.95 -3.67 0.00	189.80 -15.18 0.00	56.66 -5.93 3.71	54.21 -5.81 6.22	49.66 -4.68 2.67	38.35 -4.82 13.29	32.82 -2.42 0.00	37.81 -2.67 0.00	44.05 -2.34 0.00
OSWEGATCHIE___HYD 24044	48.21 -0.22 0.00	41.15 -0.56 0.00	44.52 -0.74 0.00	41.21 -0.67 0.00	37.04 -0.54 0.00	36.46 -0.50 0.00	34.00 -0.52 0.00	50.83 -0.86 0.00	42.67 -0.55 0.00	40.92 -0.69 0.00	43.90 -0.87 0.00	47.11 -0.98 0.00	52.56 -1.20 0.00	47.22 -1.02 0.00	50.84 -1.20 0.00	44.25 -1.37 0.00	199.52 -5.46 0.00	65.14 -1.16 0.00	65.37 -0.87 0.00	56.34 -0.67 0.00	56.21 -0.25 0.00	34.68 -0.55 0.00	39.59 -0.89 0.00	45.30 -1.09 0.00
OSWEGO___5 23606	47.03 -1.40 0.00	40.60 -1.11 0.00	44.05 -1.20 0.00	40.74 -1.14 0.00	36.57 -1.01 0.00	35.98 -0.98 0.00	33.65 -0.87 0.00	50.40 -1.30 0.00	42.00 -1.21 0.00	40.44 -1.17 0.00	43.44 -1.33 0.00	46.55 -1.54 0.00	52.07 -1.70 0.00	46.68 -1.56 0.00	50.24 -1.80 0.00	44.10 -1.53 0.00	198.14 -6.84 0.00	64.02 -2.28 0.00	64.04 -2.20 0.00	55.17 -1.83 0.00	54.59 -1.88 0.00	34.19 -1.04 0.00	39.36 -1.12 0.00	45.25 -1.14 0.00
OSWEGO___6 23613	47.03 -1.40 0.00	40.60 -1.11 0.00	44.05 -1.20 0.00	40.74 -1.14 0.00	36.57 -1.01 0.00	35.98 -0.98 0.00	33.65 -0.87 0.00	50.40 -1.30 0.00	42.00 -1.21 0.00	40.44 -1.17 0.00	43.44 -1.33 0.00	46.55 -1.54 0.00	52.07 -1.70 0.00	46.68 -1.56 0.00	50.24 -1.80 0.00	44.10 -1.53 0.00	198.14 -6.84 0.00	64.02 -2.28 0.00	64.04 -2.20 0.00	55.17 -1.83 0.00	54.59 -1.88 0.00	34.19 -1.04 0.00	39.36 -1.12 0.00	45.25 -1.14 0.00

OUTOKUMPU-AB___DRP 24206	45.15 -3.28 0.00	39.39 -2.32 0.00	42.97 -2.29 0.00	39.46 -2.43 0.00	35.48 -2.11 0.00	35.00 -1.96 0.00	32.92 -1.59 0.00	49.23 -2.47 0.00	40.27 -2.94 0.00	38.77 -2.85 0.00	41.45 -3.32 0.00	43.68 -4.41 0.00	48.59 -5.17 0.00	44.08 -4.16 0.00	47.38 -4.67 0.00	41.66 -3.97 0.00	187.61 -17.37 0.00	58.14 -7.05 1.11	57.38 -7.04 1.82	50.80 -5.52 0.68	47.47 -5.58 3.41	32.44 -2.79 0.00	37.51 -2.97 0.00	43.92 -2.47 0.00
OXBOW___BTM 323836	44.67 -3.76 0.00	38.96 -2.75 0.00	42.54 -2.71 0.00	39.04 -2.84 0.00	35.08 -2.51 0.00	34.65 -2.32 0.00	32.59 -1.93 0.00	48.71 -2.99 0.00	39.92 -3.30 0.00	38.44 -3.18 0.00	41.06 -3.72 0.00	43.28 -4.81 0.00	48.29 -5.47 0.00	43.73 -4.51 0.00	47.00 -5.05 0.00	41.32 -4.31 0.00	185.84 -19.14 0.00	57.53 -7.67 1.09	56.73 -7.72 1.79	50.22 -6.12 0.66	47.00 -6.16 3.31	32.09 -3.14 0.00	37.13 -3.35 0.00	43.52 -2.87 0.00
OXBOW___ 24026	44.67 -3.76 0.00	38.97 -2.74 0.00	42.55 -2.71 0.00	39.06 -2.83 0.00	35.13 -2.46 0.00	34.65 -2.32 0.00	32.59 -1.93 0.00	48.71 -2.99 0.00	39.92 -3.29 0.00	38.44 -3.18 0.00	41.07 -3.70 0.00	43.28 -4.82 0.00	48.15 -5.61 0.00	43.73 -4.51 0.00	46.99 -5.06 0.00	41.32 -4.30 0.00	185.84 -19.14 0.00	57.51 -7.70 1.09	56.73 -7.72 1.79	50.22 -6.13 0.66	46.99 -6.17 3.31	32.10 -3.14 0.00	37.14 -3.34 0.00	43.52 -2.87 0.00
OXY_CHEM_DSASP 323612	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.74 -3.15 0.00	34.85 -2.74 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.41 0.00	39.63 -3.58 0.00	38.17 -3.44 0.00	40.76 -4.02 0.00	42.92 -5.17 0.00	47.76 -6.00 0.00	43.40 -4.85 0.00	46.66 -5.39 0.00	41.03 -4.59 0.00	184.31 -20.67 0.00	56.97 -8.25 1.08	56.13 -8.35 1.76	49.70 -6.66 0.64	46.54 -6.71 3.21	31.77 -3.46 0.00	36.82 -3.67 0.00	43.18 -3.21 0.00
OZONE_PARK_ESR 323760	51.26 2.83 0.00	44.33 2.62 0.00	47.76 2.51 0.00	44.16 2.27 0.00	39.59 2.00 0.00	38.87 1.91 0.00	36.42 1.90 0.00	54.57 2.87 0.00	45.70 2.49 0.00	44.29 2.67 0.00	47.76 2.98 0.00	51.46 3.37 0.00	57.72 3.96 0.00	51.89 3.65 0.00	55.84 3.80 0.00	49.04 3.42 0.00	219.14 14.16 0.00	71.24 4.94 0.01	71.52 5.30 0.01	61.52 4.51 0.00	60.68 4.22 0.00	38.06 2.82 0.00	43.54 3.06 0.00	49.48 3.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.74 -3.15 0.00	34.85 -2.74 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.41 0.00	39.63 -3.58 0.00	38.17 -3.44 0.00	40.76 -4.02 0.00	42.92 -5.17 0.00	47.76 -6.00 0.00	43.40 -4.85 0.00	46.66 -5.39 0.00	41.03 -4.59 0.00	184.31 -20.67 0.00	56.97 -8.25 1.08	56.13 -8.35 1.76	49.70 -6.66 0.64	46.54 -6.71 3.21	31.77 -3.46 0.00	36.82 -3.67 0.00	43.18 -3.21 0.00
PACKARD__115KV_DUPONT_184 80571	44.26 -4.17 0.00	38.63 -3.08 0.00	42.19 -3.06 0.00	38.74 -3.15 0.00	34.85 -2.74 0.00	34.38 -2.58 0.00	32.31 -2.21 0.00	48.29 -3.41 0.00	39.63 -3.58 0.00	38.17 -3.44 0.00	40.76 -4.02 0.00	42.92 -5.17 0.00	47.76 -6.00 0.00	43.40 -4.85 0.00	46.66 -5.39 0.00	41.03 -4.59 0.00	184.31 -20.67 0.00	56.97 -8.25 1.08	56.13 -8.35 1.76	49.70 -6.66 0.64	46.54 -6.71 3.21	31.77 -3.46 0.00	36.82 -3.67 0.00	43.18 -3.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.71 2.27 0.00	43.86 2.15 0.00	47.33 2.08 0.00	43.84 1.95 0.00	39.29 1.71 0.00	38.60 1.64 0.00	36.13 1.61 0.00	54.06 2.36 0.00	45.32 2.11 0.00	43.91 2.29 0.00	47.34 2.56 0.00	50.94 2.85 0.00	57.23 3.47 0.00	51.38 3.14 0.00	55.27 3.23 0.00	48.65 3.03 0.00	217.13 12.15 0.00	70.69 4.39 0.01	70.86 4.64 0.01	60.95 3.94 0.00	60.15 3.69 0.00	37.73 2.50 0.00	43.16 2.68 0.00	49.01 2.63 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.75 3.32 0.00	44.80 3.09 0.00	48.51 3.26 0.00	44.98 3.10 0.00	40.33 2.74 0.00	39.63 2.67 0.00	37.04 2.52 0.00	55.49 3.79 0.00	46.54 3.33 0.00	45.06 3.45 0.00	48.62 3.85 0.00	52.29 4.20 0.00	58.42 4.66 0.00	52.39 4.16 0.00	56.34 4.29 0.00	49.92 4.30 0.00	222.90 17.92 0.00	72.59 6.29 0.01	72.69 6.46 0.01	62.51 5.50 0.00	61.71 5.25 0.00	38.68 3.45 0.00	44.25 3.76 0.00	50.25 3.86 0.00
PATROON__115KV_TB1 80586	48.98 0.54 0.00	42.41 0.70 0.00	45.92 0.66 0.00	42.52 0.64 0.00	38.21 0.63 0.00	37.60 0.64 0.00	35.09 0.57 0.00	52.40 0.70 0.00	43.79 0.58 0.00	42.24 0.63 0.00	45.48 0.70 0.00	49.00 0.91 0.00	54.89 1.12 0.00	49.28 1.04 0.00	53.28 1.24 0.00	46.83 1.21 0.00	209.53 4.55 0.00	67.99 1.69 0.00	68.16 1.93 0.01	58.59 1.58 0.00	57.93 1.46 0.00	36.31 1.08 0.00	41.52 1.03 0.00	47.27 0.88 0.00
PATTRSNVILLE___SOLAR 323815	50.97 2.54 0.00	43.95 2.25 0.00	47.62 2.37 0.00	44.07 2.19 0.00	39.53 1.94 0.00	38.72 1.77 0.00	35.72 1.20 0.00	53.48 1.78 0.00	44.62 1.42 0.00	42.97 1.35 0.00	46.18 1.40 0.00	49.70 1.61 0.00	55.63 1.87 0.00	49.97 1.73 0.00	53.97 1.93 0.00	47.40 1.78 0.00	212.58 7.60 0.00	69.00 2.70 0.01	69.17 2.94 0.01	59.55 2.54 0.00	58.91 2.44 0.00	36.84 1.61 0.00	42.14 1.65 0.00	48.14 1.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.52 -2.91 0.00	39.70 -2.00 0.00	43.24 -2.01 0.00	39.74 -2.14 0.00	35.73 -1.86 0.00	35.21 -1.75 0.00	33.18 -1.34 0.00	49.68 -2.02 0.00	40.61 -2.61 0.00	39.13 -2.49 0.00	41.90 -2.87 0.00	44.20 -3.89 0.00	49.25 -4.51 0.00	44.45 -3.79 0.00	47.80 -4.25 0.00	42.03 -3.59 0.00	189.98 -15.00 0.00	59.15 -6.00 1.15	58.57 -5.78 1.88	51.76 -4.53 0.72	48.25 -4.64 3.57	32.93 -2.30 0.00	38.03 -2.45 0.00	44.42 -1.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.87 2.44 0.00	44.03 2.32 0.00	47.49 2.24 0.00	43.88 1.99 0.00	39.34 1.76 0.00	38.66 1.70 0.00	36.17 1.66 0.00	54.21 2.51 0.00	45.36 2.15 0.00	43.90 2.28 0.00	47.36 2.58 0.00	51.01 2.92 0.00	57.18 3.42 0.00	51.43 3.19 0.00	55.44 3.40 0.00	48.68 3.06 0.00	217.86 12.88 0.00	70.80 4.51 0.01	71.06 4.84 0.01	61.13 4.12 0.00	60.32 3.86 0.00	37.80 2.57 0.00	43.18 2.70 0.00	49.08 2.69 0.00
PEEKSKILL___ 23653	50.48 2.05 0.00	43.69 1.99 0.00	47.10 1.85 0.00	43.54 1.65 0.00	39.03 1.45 0.00	38.33 1.37 0.00	35.87 1.35 0.00	53.77 2.07 0.00	44.94 1.73 0.00	43.48 1.87 0.00	46.91 2.14 0.00	50.54 2.45 0.00	56.63 2.87 0.00	50.97 2.73 0.00	54.91 2.86 0.00	48.18 2.55 0.00	215.57 10.59 0.00	70.05 3.75 0.01	70.30 4.07 0.01	60.48 3.48 0.00	59.68 3.21 0.00	37.40 2.17 0.00	42.75 2.27 0.00	48.62 2.23 0.00
PGE MADISON___WINDPWR 24146	51.28 2.85 0.00	44.17 2.46 0.00	47.89 2.64 0.00	44.37 2.48 0.00	39.80 2.21 0.00	39.26 2.30 0.00	36.75 2.23 0.00	55.23 3.53 0.00	45.90 2.69 0.00	44.20 2.59 0.00	47.58 2.81 0.00	50.82 2.73 0.00	57.04 3.28 0.00	51.17 2.93 0.00	55.20 3.15 0.00	48.45 2.82 0.00	218.80 13.82 0.00	70.94 4.48 -0.16	71.17 4.65 -0.28	60.98 3.83 -0.14	60.51 3.34 -0.71	37.29 2.06 0.00	42.14 1.66 0.00	48.11 1.72 0.00

PIERCEFIELD___HYD 23852	48.54 0.10 0.00	41.24 -0.46 0.00	44.64 -0.61 0.00	41.31 -0.58 0.00	37.09 -0.50 0.00	36.48 -0.48 0.00	34.07 -0.45 0.00	51.07 -0.63 0.00	42.83 -0.39 0.00	40.95 -0.66 0.00	43.93 -0.84 0.00	47.22 -0.87 0.00	52.59 -1.17 0.00	47.24 -0.99 0.00	51.07 -0.98 0.00	44.56 -1.06 0.00	200.95 -4.03 0.00	65.21 -1.09 0.00	65.26 -0.98 0.00	56.10 -0.91 0.00	56.16 -0.31 0.00	34.46 -0.77 0.00	39.39 -1.09 0.00	45.13 -1.26 0.00
PINELAWN_CC_1 323563	51.02 2.59 0.00	44.24 2.53 0.00	47.61 2.36 0.00	43.98 2.10 0.00	39.64 2.05 0.00	38.98 2.02 0.00	36.43 1.91 0.00	54.50 2.81 0.00	45.76 2.55 0.00	45.43 2.58 -1.23	51.12 3.02 -3.33	53.10 3.27 -1.74	45.99 3.89 11.66	56.04 3.61 -4.19	58.58 3.78 -2.76	57.42 3.43 -8.36	227.44 11.63 -10.83	78.32 4.99 -7.03	73.89 5.61 -2.04	69.77 4.80 -7.96	71.71 4.48 -10.77	41.69 3.10 -3.36	43.70 3.22 0.00	49.77 3.39 0.00
PJM_GEN_HTTP_PROXY 323702	50.80 2.37 0.00	43.95 2.24 0.00	47.36 2.11 0.00	43.78 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.12 1.60 0.00	54.54 2.40 -0.45	45.29 2.08 0.00	43.87 2.25 0.00	47.31 2.54 0.00	50.97 2.88 0.00	57.12 3.35 0.00	51.37 3.14 0.00	55.29 3.25 0.00	48.54 2.92 0.00	215.62 11.96 1.32	70.51 4.21 0.01	70.75 4.53 0.01	60.88 3.87 0.00	60.04 3.58 0.00	37.66 2.43 0.00	43.10 2.62 0.00	48.98 2.59 0.00
PJM_GEN_KEystone 24065	47.99 -0.44 0.00	41.73 0.02 0.00	45.12 -0.14 0.00	41.65 -0.24 0.00	37.37 -0.22 0.00	30.57 -0.21 6.17	31.36 0.00 3.16	53.71 0.15 -1.86	42.92 -0.29 0.00	41.44 -0.18 0.00	44.64 -0.14 0.00	47.64 -0.45 0.00	53.33 -0.44 0.00	47.91 -0.33 0.00	51.56 -0.48 0.00	45.26 -0.37 0.00	202.69 -0.98 1.32	65.36 -0.65 0.30	65.41 -0.35 0.48	73.39 -0.12 -16.50	40.44 -0.41 15.61	35.30 0.06 0.00	40.52 0.04 0.00	46.52 0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.58 2.14 0.00	43.86 2.15 0.00	47.20 1.95 0.00	43.64 1.75 0.00	39.29 1.70 0.00	38.63 1.67 0.00	36.12 1.60 0.00	54.48 2.33 -0.45	45.36 2.15 0.00	43.99 2.25 -0.12	47.37 2.63 0.03	49.65 2.89 1.33	2.99 3.45 54.22	51.48 3.13 -0.11	54.57 3.26 0.73	47.30 2.97 1.29	222.65 10.00 -7.67	73.94 4.28 -3.36	72.13 4.80 -1.10	67.77 4.07 -6.69	69.18 3.80 -8.91	22.93 2.64 14.94	43.20 2.72 0.00	49.19 2.80 0.00
PJM_GEN_VFT_PROXY 323633	49.19 2.15 1.39	40.72 2.04 3.03	33.46 1.90 13.69	33.46 1.71 10.13	33.46 1.52 5.64	33.46 1.43 4.92	35.97 1.45 0.00	45.71 2.20 8.19	34.45 1.90 10.66	38.73 2.09 4.97	47.16 2.39 0.00	50.81 2.72 0.00	56.92 3.16 0.00	51.20 2.97 0.00	39.79 3.05 15.30	34.38 2.74 13.98	83.48 11.17 132.67	54.99 4.00 15.31	55.24 4.32 15.32	45.32 3.68 15.37	45.31 3.39 14.54	33.04 2.30 4.50	40.75 2.44 2.17	45.90 2.39 2.88
PLATSBURG_115KV_PMLD1 355749	49.98 1.55 0.00	42.61 0.91 0.00	46.04 0.79 0.00	42.54 0.65 0.00	38.20 0.62 0.00	37.59 0.63 0.00	35.25 0.73 0.00	52.85 1.15 0.00	44.21 1.00 0.00	42.46 0.84 0.00	45.66 0.89 0.00	48.96 0.87 0.00	54.51 0.75 0.00	48.90 0.66 0.00	53.05 1.00 0.00	46.37 0.75 0.00	208.64 3.66 0.00	67.36 1.06 0.00	67.52 1.28 0.00	58.22 1.21 0.00	57.76 1.29 0.00	35.50 0.27 0.00	40.50 0.02 0.00	46.28 -0.11 0.00
PLEASANTVLY___LBMP 24000	50.23 1.80 0.00	43.50 1.79 0.00	46.96 1.71 0.00	43.42 1.53 0.00	38.93 1.34 0.00	38.25 1.30 0.00	35.78 1.27 0.00	53.60 1.90 0.00	44.80 1.59 0.00	43.31 1.70 0.00	46.70 1.93 0.00	50.31 2.22 0.00	56.38 2.61 0.00	50.67 2.44 0.00	54.66 2.61 0.00	48.00 2.38 0.00	214.77 9.80 0.00	69.77 3.47 0.01	70.02 3.80 0.01	60.23 3.23 0.00	59.47 3.01 0.00	37.30 2.07 0.00	42.62 2.14 0.00	48.48 2.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.62 2.19 0.00	43.84 2.13 0.00	47.29 2.03 0.00	43.69 1.80 0.00	39.18 1.60 0.00	38.49 1.54 0.00	36.04 1.52 0.00	53.98 2.28 0.00	45.18 1.97 0.00	43.72 2.10 0.00	47.16 2.39 0.00	50.78 2.70 0.00	56.95 3.19 0.00	51.20 2.96 0.00	55.16 3.12 0.00	48.45 2.82 0.00	216.51 11.53 0.00	70.41 4.11 0.01	70.67 4.44 0.01	60.79 3.78 0.00	59.98 3.52 0.00	37.63 2.39 0.00	42.99 2.51 0.00	48.89 2.50 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	50.62 2.19 0.00	43.84 2.13 0.00	47.29 2.03 0.00	43.69 1.80 0.00	39.18 1.60 0.00	38.49 1.54 0.00	36.04 1.52 0.00	53.98 2.28 0.00	45.18 1.97 0.00	43.72 2.10 0.00	47.16 2.39 0.00	50.78 2.70 0.00	56.95 3.19 0.00	51.20 2.96 0.00	55.16 3.12 0.00	48.45 2.82 0.00	216.51 11.53 0.00	70.41 4.11 0.01	70.67 4.44 0.01	60.79 3.78 0.00	59.98 3.52 0.00	37.63 2.39 0.00	42.99 2.51 0.00	48.89 2.50 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.68 2.25 0.00	43.87 2.16 0.00	47.36 2.11 0.00	43.77 1.89 0.00	39.25 1.66 0.00	38.56 1.61 0.00	36.09 1.57 0.00	54.05 2.36 0.00	45.22 2.01 0.00	43.74 2.13 0.00	47.17 2.40 0.00	50.79 2.71 0.00	56.90 3.14 0.00	51.12 2.89 0.00	55.21 3.17 0.00	48.51 2.88 0.00	217.03 12.05 0.00	70.54 4.24 0.01	70.80 4.57 0.01	60.90 3.89 0.00	60.11 3.65 0.00	37.68 2.45 0.00	43.02 2.54 0.00	48.91 2.52 0.00
POLETTI_____ 23519	50.73 2.30 0.00	43.87 2.17 0.00	47.29 2.04 0.00	43.71 1.82 0.00	39.21 1.62 0.00	38.50 1.54 0.00	36.08 1.56 0.00	54.03 2.33 0.00	45.24 2.03 0.00	43.84 2.23 0.00	47.29 2.52 0.00	50.93 2.84 0.00	57.13 3.37 0.00	51.36 3.13 0.00	55.27 3.23 0.00	48.53 2.91 0.00	216.77 11.79 0.00	70.48 4.18 0.01	70.75 4.52 0.01	60.86 3.85 0.00	60.03 3.57 0.00	37.66 2.44 0.00	43.09 2.61 0.00	48.97 2.58 0.00
POMONA___ESR 323819	50.54 2.11 0.00	43.74 2.03 0.00	47.15 1.89 0.00	43.59 1.70 0.00	39.06 1.48 0.00	38.35 1.39 0.00	35.89 1.38 0.00	53.84 2.14 0.00	44.99 1.77 0.00	43.52 1.91 0.00	46.97 2.20 0.00	50.62 2.53 0.00	56.72 2.95 0.00	51.05 2.81 0.00	55.01 2.96 0.00	48.25 2.62 0.00	215.96 10.98 0.00	70.16 3.87 0.01	70.41 4.18 0.01	60.58 3.58 0.00	59.76 3.29 0.00	37.43 2.20 0.00	42.78 2.30 0.00	48.65 2.26 0.00
PORT_JEFF_3 23555	51.18 2.75 0.00	44.40 2.69 0.00	47.77 2.52 0.00	44.13 2.24 0.00	39.71 2.13 0.00	39.05 2.09 0.00	36.49 1.97 0.00	54.56 2.86 0.00	45.84 2.63 0.00	44.82 2.69 -0.52	49.02 3.09 -1.16	51.12 3.29 0.25	23.30 3.93 34.39	53.54 3.71 -1.59	56.52 3.87 -0.60	51.51 3.54 -2.34	225.94 11.22 -9.75	76.35 5.21 -4.84	73.77 6.09 -1.45	69.38 5.15 -7.22	71.01 4.86 -9.68	32.53 3.32 6.03	43.91 3.43 0.00	50.05 3.66 0.00
PORT_JEFF_4 23616	51.18 2.75 0.00	44.40 2.69 0.00	47.77 2.52 0.00	44.13 2.24 0.00	39.71 2.13 0.00	39.05 2.09 0.00	36.49 1.97 0.00	54.56 2.86 0.00	45.84 2.63 0.00	44.82 2.69 -0.52	49.02 3.09 -1.16	51.12 3.29 0.25	23.30 3.93 34.39	53.54 3.71 -1.59	56.52 3.87 -0.60	51.51 3.54 -2.34	225.94 11.22 -9.75	76.35 5.21 -4.84	73.77 6.09 -1.45	69.38 5.15 -7.22	71.01 4.86 -9.68	32.53 3.32 6.03	43.91 3.43 0.00	50.05 3.66 0.00

PORT_JEFF_IC 23713	51.22 2.79 0.00	44.44 2.73 0.00	47.81 2.56 0.00	44.16 2.28 0.00	39.74 2.15 0.00	39.08 2.12 0.00	36.52 2.00 0.00	54.62 2.92 0.00	45.87 2.66 0.00	44.86 2.71 -0.54	49.11 3.12 -1.21	51.20 3.32 0.21	24.09 4.13 33.80	53.65 3.76 -1.65	56.63 3.94 -0.65	51.70 3.59 -2.48	226.29 11.53 -9.78	76.50 5.30 -4.90	73.91 6.21 -1.46	69.51 5.25 -7.24	71.14 4.96 -9.72	32.90 3.42 5.75	43.97 3.49 0.00	50.11 3.72 0.00
PPL PILGRIM_ST_GT1 24216	51.28 2.84 0.00	44.48 2.77 0.00	47.86 2.61 0.00	44.22 2.33 0.00	39.81 2.22 0.00	39.13 2.18 0.00	36.58 2.06 0.00	54.70 3.00 0.00	45.95 2.74 0.00	45.00 2.77 -0.61	49.39 3.18 -1.44	51.49 3.40 0.00	27.15 4.04 30.65	53.98 3.81 -1.93	56.89 3.95 -0.89	52.37 3.59 -3.15	226.75 11.85 -9.92	76.31 4.85 -5.16	73.38 5.62 -1.53	69.23 4.89 -7.34	70.82 4.50 -9.86	34.23 3.31 4.31	43.90 3.42 0.00	50.03 3.64 0.00
PPL PILGRIM_ST_GT2 24217	51.28 2.84 0.00	44.48 2.77 0.00	47.86 2.61 0.00	44.22 2.33 0.00	39.81 2.22 0.00	39.13 2.18 0.00	36.58 2.06 0.00	54.70 3.00 0.00	45.95 2.74 0.00	45.00 2.77 -0.61	49.39 3.18 -1.44	51.49 3.40 0.00	27.15 4.04 30.65	53.98 3.81 -1.93	56.89 3.95 -0.89	52.37 3.59 -3.15	226.75 11.85 -9.92	76.31 4.85 -5.16	73.38 5.62 -1.53	69.23 4.89 -7.34	70.82 4.50 -9.86	34.23 3.31 4.31	43.90 3.42 0.00	50.03 3.64 0.00
PPL_SHRM_GT3 24213	51.16 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.06 2.17 0.00	39.66 2.07 0.00	38.99 2.03 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.76 2.55 0.00	44.74 2.60 -0.52	48.92 2.97 -1.18	50.94 3.09 0.23	23.39 3.78 34.15	53.45 3.60 -1.62	56.44 3.77 -0.62	51.53 3.51 -2.40	225.07 10.33 -9.76	76.48 5.31 -4.86	74.14 6.45 -1.45	69.69 5.45 -7.23	71.30 5.14 -9.69	32.77 3.46 5.92	44.05 3.57 0.00	50.23 3.84 0.00
PPL_SHRM_GT4 24214	51.16 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.06 2.17 0.00	39.66 2.07 0.00	38.99 2.03 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.76 2.55 0.00	44.74 2.60 -0.52	48.92 2.97 -1.18	50.94 3.09 0.23	23.39 3.78 34.15	53.45 3.60 -1.62	56.44 3.77 -0.62	51.53 3.51 -2.40	225.07 10.33 -9.76	76.48 5.31 -4.86	74.14 6.45 -1.45	69.69 5.45 -7.23	71.30 5.14 -9.69	32.77 3.46 5.92	44.05 3.57 0.00	50.23 3.84 0.00
PROJECT___ORANGE 1 24174	47.48 -0.95 0.00	41.04 -0.67 0.00	44.49 -0.76 0.00	41.15 -0.74 0.00	36.94 -0.64 0.00	36.35 -0.61 0.00	34.00 -0.52 0.00	50.93 -0.76 0.00	42.42 -0.79 0.00	40.88 -0.74 0.00	43.93 -0.84 0.00	47.04 -1.05 0.00	52.63 -1.13 0.00	47.22 -1.02 0.00	50.81 -1.23 0.00	44.60 -1.02 0.00	200.50 -4.48 0.00	64.78 -1.52 0.00	64.82 -1.42 0.00	55.85 -1.16 0.00	55.21 -1.25 0.00	34.63 -0.60 0.00	39.85 -0.63 0.00	45.78 -0.61 0.00
PROJECT___ORANGE 2 24166	47.48 -0.95 0.00	41.04 -0.67 0.00	44.49 -0.76 0.00	41.15 -0.74 0.00	36.94 -0.64 0.00	36.35 -0.61 0.00	34.00 -0.52 0.00	50.93 -0.76 0.00	42.42 -0.79 0.00	40.88 -0.74 0.00	43.93 -0.84 0.00	47.04 -1.05 0.00	52.63 -1.13 0.00	47.22 -1.02 0.00	50.81 -1.23 0.00	44.60 -1.02 0.00	200.50 -4.48 0.00	64.78 -1.52 0.00	64.82 -1.42 0.00	55.85 -1.16 0.00	55.21 -1.25 0.00	34.63 -0.60 0.00	39.85 -0.63 0.00	45.78 -0.61 0.00
PUCKETT___SOLAR 323809	48.71 0.28 0.00	42.11 0.40 0.00	45.63 0.38 0.00	42.24 0.35 0.00	37.92 0.34 0.00	37.33 0.37 0.00	34.95 0.43 0.00	52.44 0.75 0.00	43.54 0.33 0.00	41.96 0.34 0.00	45.19 0.41 0.00	48.30 0.21 0.00	54.12 0.36 0.00	48.51 0.28 0.00	52.21 0.17 0.00	45.86 0.23 0.00	207.27 2.29 0.00	66.78 0.51 0.04	66.88 0.69 0.05	57.65 0.64 0.00	56.84 0.38 0.00	35.71 0.48 0.00	40.88 0.40 0.00	46.79 0.40 0.00
PYRITES___HYD 24023	49.74 1.31 0.00	42.26 0.55 0.00	45.73 0.48 0.00	42.31 0.42 0.00	38.00 0.41 0.00	37.37 0.41 0.00	34.91 0.40 0.00	52.29 0.59 0.00	43.75 0.54 0.00	41.67 0.06 0.00	44.60 -0.17 0.00	47.88 -0.21 0.00	53.23 -0.53 0.00	47.89 -0.35 0.00	51.82 -0.23 0.00	45.24 -0.39 0.00	204.12 -0.86 0.00	66.36 0.05 0.00	66.62 0.38 0.00	57.47 0.46 0.00	57.61 1.14 0.00	35.33 0.10 0.00	40.38 -0.10 0.00	46.26 -0.13 0.00
QUAKERRD_115KV_BK1 80622	45.69 -2.75 0.00	39.61 -2.10 0.00	43.10 -2.15 0.00	39.74 -2.15 0.00	35.71 -1.88 0.00	35.17 -1.79 0.00	32.99 -1.53 0.00	49.42 -2.28 0.00	40.89 -2.32 0.00	39.37 -2.24 0.00	42.21 -2.57 0.00	44.94 -3.15 0.00	50.13 -3.63 0.00	45.16 -3.08 0.00	48.60 -3.44 0.00	42.71 -2.91 0.00	192.04 -12.94 0.00	61.66 -4.66 -0.03	61.60 -4.68 -0.04	53.22 -3.79 0.00	52.60 -3.86 0.00	33.21 -2.02 0.00	38.27 -2.21 0.00	44.28 -2.11 0.00
QUENSBRY_115KV_TB8 356137	51.09 2.66 0.00	44.28 2.57 0.00	47.93 2.67 0.00	44.23 2.35 0.00	39.49 1.91 0.00	38.74 1.79 0.00	36.32 1.80 0.00	54.38 2.68 0.00	45.43 2.22 0.00	43.80 2.19 0.00	47.24 2.47 0.00	50.91 2.82 0.00	56.94 3.17 0.00	51.08 2.84 0.00	55.33 3.28 0.00	48.59 2.97 0.00	217.86 12.88 0.00	70.80 4.51 0.00	71.24 5.01 0.01	61.40 4.39 0.00	60.68 4.22 0.00	37.93 2.70 0.00	43.12 2.63 0.00	48.90 2.51 0.00
RAMAPO___LBMP 323565	50.35 1.91 0.00	43.57 1.86 0.00	46.97 1.72 0.00	43.43 1.54 0.00	38.92 1.34 0.00	38.23 1.26 0.00	35.78 1.27 0.00	53.67 1.97 0.00	44.82 1.61 0.00	43.35 1.74 0.00	46.79 2.02 0.00	50.42 2.33 0.00	56.52 2.76 0.00	50.83 2.59 0.00	54.78 2.74 0.00	48.05 2.42 0.00	215.13 10.15 0.00	69.88 3.58 0.01	70.11 3.88 0.01	60.34 3.33 0.00	59.51 3.05 0.00	37.27 2.04 0.00	42.61 2.13 0.00	48.46 2.07 0.00
RANKINE____ 23646	45.46 -2.97 0.00	39.65 -2.06 0.00	43.19 -2.07 0.00	39.69 -2.20 0.00	35.67 -1.92 0.00	35.14 -1.81 0.00	33.09 -1.43 0.00	49.53 -2.17 0.00	40.47 -2.74 0.00	38.98 -2.64 0.00	41.75 -3.03 0.00	44.02 -4.07 0.00	49.00 -4.76 0.00	44.34 -3.89 0.00	47.67 -4.38 0.00	41.90 -3.73 0.00	189.27 -15.71 0.00	58.63 -6.37 1.30	57.79 -6.31 2.14	51.25 -4.93 0.83	47.29 -5.05 4.13	32.75 -2.48 0.00	37.84 -2.64 0.00	44.23 -2.15 0.00
RAVENSWOOD_GT2_1 24244	50.82 2.39 0.00	43.96 2.25 0.00	47.39 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.74 2.50 0.00	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT2_2 24245	50.82 2.39 0.00	43.96 2.25 0.00	47.39 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.74 2.50 0.00	43.16 2.68 0.00	49.06 2.68 0.00

RAVENSWOOD_GT2_3 24246	50.84 2.41 0.00	43.98 2.28 0.00	47.41 2.16 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.61 1.65 0.00	36.16 1.64 0.00	54.17 2.48 0.00	45.37 2.16 0.00	43.95 2.33 0.00	47.41 2.63 0.00	51.06 2.96 0.00	57.25 3.49 0.00	51.47 3.24 0.00	55.38 3.34 0.00	48.64 3.02 0.00	217.37 12.39 0.00	70.65 4.35 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.17 3.71 0.00	37.74 2.51 0.00	43.17 2.69 0.00	49.08 2.70 0.00
RAVENSWOOD_GT2_4 24247	50.84 2.41 0.00	43.98 2.28 0.00	47.41 2.16 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.61 1.65 0.00	36.16 1.64 0.00	54.17 2.48 0.00	45.37 2.16 0.00	43.95 2.33 0.00	47.41 2.63 0.00	51.06 2.96 0.00	57.25 3.49 0.00	51.47 3.24 0.00	55.38 3.34 0.00	48.64 3.02 0.00	217.37 12.39 0.00	70.65 4.35 0.01	70.93 4.70 0.01	61.00 3.99 0.00	60.17 3.71 0.00	37.74 2.51 0.00	43.17 2.69 0.00	49.08 2.70 0.00
RAVENSWOOD_GT3_1 24248	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.63 4.33 0.01	70.89 4.66 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.74 2.50 0.00	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT3_2 24249	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.63 4.33 0.01	70.89 4.66 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.74 2.50 0.00	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT3_3 24250	50.90 2.46 0.00	44.03 2.32 0.00	47.46 2.21 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.68 0.00	54.22 2.53 0.00	45.41 2.20 0.00	43.99 2.38 0.00	47.45 2.68 0.00	51.12 3.02 0.00	57.32 3.56 0.00	51.53 3.29 0.00	55.45 3.40 0.00	48.70 3.08 0.00	217.57 12.59 0.00	70.74 4.45 0.01	71.00 4.77 0.01	61.07 4.06 0.00	60.24 3.78 0.00	37.79 2.56 0.00	43.22 2.74 0.00	49.14 2.76 0.00
RAVENSWOOD_GT3_4 24251	50.90 2.46 0.00	44.03 2.32 0.00	47.46 2.21 0.00	43.87 1.98 0.00	39.34 1.76 0.00	38.64 1.68 0.00	36.20 1.68 0.00	54.22 2.53 0.00	45.41 2.20 0.00	43.99 2.38 0.00	47.45 2.68 0.00	51.12 3.02 0.00	57.32 3.56 0.00	51.53 3.29 0.00	55.45 3.40 0.00	48.70 3.08 0.00	217.57 12.59 0.00	70.74 4.45 0.01	71.00 4.77 0.01	61.07 4.06 0.00	60.24 3.78 0.00	37.79 2.56 0.00	43.22 2.74 0.00	49.14 2.76 0.00
RAVENSWOOD_GT_1 23729	50.87 2.44 0.00	44.00 2.29 0.00	47.44 2.19 0.00	43.87 1.99 0.00	39.34 1.76 0.00	38.65 1.69 0.00	36.20 1.68 0.00	54.19 2.49 0.00	45.42 2.21 0.00	44.04 2.43 0.00	47.49 2.72 0.00	51.13 3.04 0.00	57.38 3.62 0.00	51.57 3.33 0.00	55.44 3.39 0.00	48.73 3.10 0.00	217.60 12.62 0.00	70.78 4.49 0.01	71.02 4.80 0.01	61.08 4.07 0.00	60.27 3.81 0.00	38.74 2.56 -0.94	43.24 2.76 0.00	49.14 2.75 0.00
RAVENSWOOD_GT_10 24258	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.84 2.50 -0.11	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_11 24259	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.84 2.50 -0.11	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_4 24252	50.83 2.40 0.00	43.97 2.27 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.16 2.46 0.00	45.34 2.13 0.00	43.92 2.30 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.37 3.33 0.00	48.62 3.00 0.00	217.26 12.28 0.00	70.61 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.16 3.69 0.00	38.45 2.50 -0.72	43.16 2.67 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_5 24254	50.83 2.40 0.00	43.97 2.27 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.16 2.46 0.00	45.34 2.13 0.00	43.92 2.30 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.37 3.33 0.00	48.62 3.00 0.00	217.26 12.28 0.00	70.61 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.16 3.69 0.00	38.45 2.50 -0.72	43.16 2.67 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_6 24253	50.83 2.40 0.00	43.97 2.27 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.16 2.46 0.00	45.34 2.13 0.00	43.92 2.30 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.37 3.33 0.00	48.62 3.00 0.00	217.26 12.28 0.00	70.61 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.16 3.69 0.00	38.45 2.50 -0.72	43.16 2.67 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_7 24255	50.83 2.40 0.00	43.97 2.27 0.00	47.40 2.15 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.16 2.46 0.00	45.34 2.13 0.00	43.92 2.30 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.37 3.33 0.00	48.62 3.00 0.00	217.26 12.28 0.00	70.61 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.16 3.69 0.00	38.45 2.50 -0.72	43.16 2.67 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.84 2.50 -0.11	43.16 2.68 0.00	49.06 2.68 0.00
RAVENSWOOD_GT_9 24257	50.82 2.39 0.00	43.96 2.25 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.45 0.00	45.34 2.13 0.00	43.92 2.31 0.00	47.39 2.61 0.00	51.03 2.94 0.00	57.22 3.46 0.00	51.44 3.20 0.00	55.36 3.32 0.00	48.62 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.88 4.65 0.01	60.97 3.97 0.00	60.16 3.70 0.00	37.84 2.50 -0.11	43.16 2.68 0.00	49.06 2.68 0.00

RAVENSWOOD___1 23533	50.83 2.40 0.00	43.96 2.25 0.00	47.38 2.13 0.00	43.82 1.93 0.00	39.31 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.13 2.44 0.00	45.37 2.15 0.00	43.97 2.36 0.00	47.44 2.66 0.00	51.06 2.96 0.00	57.24 3.48 0.00	51.49 3.26 0.00	55.37 3.33 0.00	48.66 3.04 0.00	217.34 12.36 0.00	70.66 4.37 0.01	70.93 4.71 0.01	61.02 4.01 0.00	60.20 3.73 0.00	36.83 2.52 0.93	43.17 2.69 0.00	49.07 2.69 0.00
RAVENSWOOD___2 23534	50.83 2.40 0.00	43.96 2.25 0.00	47.38 2.13 0.00	43.82 1.93 0.00	39.31 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.13 2.44 0.00	45.37 2.15 0.00	43.97 2.36 0.00	47.44 2.66 0.00	51.06 2.96 0.00	57.24 3.48 0.00	51.49 3.26 0.00	55.37 3.33 0.00	48.66 3.04 0.00	217.34 12.36 0.00	70.66 4.37 0.01	70.93 4.71 0.01	61.02 4.01 0.00	60.20 3.73 0.00	36.83 2.52 0.93	43.17 2.69 0.00	49.07 2.69 0.00
RAVENSWOOD___3 23535	50.83 2.39 0.00	43.97 2.26 0.00	47.40 2.14 0.00	43.83 1.94 0.00	39.30 1.71 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.14 2.44 0.00	45.34 2.13 0.00	43.93 2.31 0.00	47.38 2.61 0.00	51.03 2.94 0.00	57.20 3.44 0.00	51.44 3.20 0.00	55.37 3.33 0.00	48.63 3.00 0.00	217.27 12.29 0.00	70.62 4.33 0.01	70.89 4.66 0.01	60.97 3.96 0.00	60.16 3.70 0.00	37.74 2.51 0.00	43.16 2.68 0.00	49.06 2.67 0.00
RAVENSWOOD___4 23820	50.83 2.40 0.00	43.96 2.25 0.00	47.38 2.13 0.00	43.82 1.93 0.00	39.31 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.13 2.44 0.00	45.37 2.15 0.00	43.97 2.36 0.00	47.44 2.66 0.00	51.06 2.96 0.00	57.24 3.48 0.00	51.49 3.26 0.00	55.37 3.33 0.00	48.66 3.04 0.00	217.34 12.36 0.00	70.66 4.37 0.01	70.93 4.71 0.01	61.02 4.01 0.00	60.20 3.73 0.00	36.83 2.52 0.93	43.17 2.69 0.00	49.07 2.69 0.00
RCPL_TRUST___DRP 24196	50.80 2.37 0.00	43.95 2.24 0.00	47.36 2.11 0.00	43.78 1.90 0.00	39.27 1.68 0.00	38.57 1.61 0.00	36.12 1.60 0.00	54.10 2.40 0.00	45.29 2.08 0.00	43.87 2.26 0.00	47.31 2.53 0.00	50.96 2.87 0.00	57.14 3.38 0.00	51.37 3.14 0.00	55.29 3.25 0.00	48.54 2.91 0.00	216.94 11.96 0.00	70.51 4.21 0.01	70.75 4.53 0.01	60.88 3.87 0.00	60.05 3.58 0.00	37.66 2.43 0.00	43.09 2.61 0.00	48.98 2.60 0.00
RED___ROCHESTER 323720	46.64 -1.80 0.00	40.47 -1.23 0.00	44.04 -1.21 0.00	40.55 -1.33 0.00	36.42 -1.17 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.74 0.00	45.77 -2.33 0.00	51.13 -2.63 0.00	46.05 -2.19 0.00	49.54 -2.51 0.00	43.55 -2.08 0.00	195.93 -9.05 0.00	62.79 -3.54 -0.02	62.74 -3.53 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
REGAN___SOLAR 323812	51.52 3.09 0.00	44.40 2.69 0.00	48.10 2.85 0.00	44.51 2.63 0.00	39.90 2.32 0.00	39.21 2.26 0.00	36.58 2.06 0.00	54.84 3.14 0.00	45.76 2.54 0.00	43.99 2.38 0.00	47.14 2.36 0.00	50.74 2.65 0.00	56.69 2.92 0.00	50.93 2.69 0.00	55.12 3.08 0.00	48.41 2.78 0.00	217.34 12.36 0.00	70.68 4.38 0.01	70.77 4.55 0.01	61.05 4.04 0.00	60.40 3.93 0.00	37.67 2.44 0.00	43.03 2.55 0.00	49.24 2.85 0.00
RENSSELAER___COGEN 23796	48.74 0.31 0.00	42.20 0.49 0.00	45.70 0.45 0.00	42.33 0.45 0.00	38.05 0.47 0.00	37.43 0.47 0.00	34.93 0.42 0.00	52.14 0.44 0.00	43.57 0.36 0.00	42.03 0.41 0.00	45.23 0.46 0.00	48.74 0.64 0.00	54.56 0.80 0.00	49.00 0.76 0.00	52.98 0.93 0.00	46.57 0.95 0.00	208.29 3.31 0.00	67.59 1.29 0.00	67.78 1.55 0.01	58.26 1.25 0.00	57.61 1.14 0.00	36.12 0.89 0.00	41.29 0.81 0.00	47.04 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	52.48 4.05 0.00	45.70 3.99 0.00	49.34 4.09 0.00	45.38 3.50 0.00	40.60 3.02 0.00	39.92 2.96 0.00	37.62 3.10 0.00	56.34 4.64 0.00	47.08 3.87 0.00	45.21 3.59 0.00	48.92 4.15 0.00	52.86 4.78 0.00	58.92 5.16 0.00	52.64 4.40 0.00	57.38 5.34 0.00	50.21 4.59 0.00	224.91 19.93 0.00	73.41 7.11 0.00	74.17 7.94 0.01	64.21 7.20 0.00	63.46 7.00 0.00	39.62 4.39 0.00	44.69 4.20 0.00	50.29 3.90 0.00
REVERE_CPPR_DRP 24186	49.44 1.01 0.00	42.60 0.89 0.00	46.15 0.90 0.00	42.68 0.80 0.00	38.34 0.75 0.00	37.74 0.78 0.00	35.26 0.74 0.00	52.77 1.08 0.00	44.09 0.88 0.00	42.47 0.86 0.00	45.70 0.93 0.00	48.98 0.89 0.00	54.92 1.15 0.00	49.38 1.14 0.00	53.05 1.01 0.00	46.48 0.85 0.00	209.41 4.43 0.00	68.01 1.71 0.00	68.17 1.94 0.00	58.71 1.70 0.00	58.08 1.61 0.00	36.26 1.03 0.00	41.50 1.02 0.00	47.51 1.12 0.00
REYNLDPA_13_KV_LD 356490	49.43 1.00 0.00	42.10 0.39 0.00	45.63 0.37 0.00	42.22 0.33 0.00	37.88 0.29 0.00	37.25 0.29 0.00	34.80 0.28 0.00	52.22 0.52 0.00	43.75 0.54 0.00	41.94 0.33 0.00	45.07 0.30 0.00	48.45 0.36 0.00	54.02 0.25 0.00	48.49 0.25 0.00	52.42 0.38 0.00	45.85 0.22 0.00	206.63 1.66 0.00	66.24 -0.07 0.00	66.48 0.25 0.00	57.37 0.36 0.00	57.04 0.57 0.00	35.10 -0.13 0.00	40.21 -0.27 0.00	46.16 -0.22 0.00
REYNOLDS_115KV_TB3 80639	49.11 0.67 0.00	42.54 0.83 0.00	46.09 0.84 0.00	42.66 0.78 0.00	38.31 0.72 0.00	37.69 0.74 0.00	35.19 0.67 0.00	52.56 0.86 0.00	43.88 0.67 0.00	42.34 0.72 0.00	45.58 0.81 0.00	49.12 1.03 0.00	54.97 1.21 0.00	49.38 1.14 0.00	53.40 1.36 0.00	46.94 1.32 0.00	210.08 5.10 0.00	68.15 1.85 0.00	68.35 2.13 0.01	58.76 1.75 0.00	58.10 1.63 0.00	36.43 1.20 0.00	41.63 1.15 0.00	47.42 1.03 0.00
RIVERBAY____ 323610	51.75 3.32 0.00	44.80 3.09 0.00	48.51 3.26 0.00	44.98 3.10 0.00	40.33 2.74 0.00	39.63 2.67 0.00	37.04 2.52 0.00	55.49 3.79 0.00	46.54 3.33 0.00	45.06 3.45 0.00	48.62 3.85 0.00	52.29 4.20 0.00	58.42 4.66 0.00	52.39 4.16 0.00	56.34 4.29 0.00	49.92 4.30 0.00	222.90 17.92 0.00	72.59 6.29 0.01	72.69 6.46 0.01	62.51 5.50 0.00	61.71 5.25 0.00	38.68 3.45 0.00	44.25 3.76 0.00	50.25 3.86 0.00
RIVERSDE_115KV_TB3 55908	48.95 0.51 0.00	42.38 0.67 0.00	45.91 0.66 0.00	42.50 0.62 0.00	38.18 0.59 0.00	37.57 0.62 0.00	35.07 0.55 0.00	52.36 0.66 0.00	43.75 0.54 0.00	42.20 0.58 0.00	45.44 0.67 0.00	48.96 0.87 0.00	54.82 1.05 0.00	49.23 0.99 0.00	53.22 1.18 0.00	46.79 1.16 0.00	209.37 4.39 0.00	67.92 1.62 0.00	68.10 1.87 0.01	58.55 1.54 0.00	57.88 1.42 0.00	36.29 1.06 0.00	41.48 1.00 0.00	47.25 0.86 0.00
ROARING___BROOK_WT_PWR 323790	48.61 0.18 0.00	41.66 -0.05 0.00	45.15 -0.11 0.00	41.79 -0.10 0.00	37.50 -0.09 0.00	36.88 -0.07 0.00	34.44 -0.08 0.00	51.60 -0.09 0.00	43.21 0.00 0.00	41.53 -0.08 0.00	44.64 -0.13 0.00	47.98 -0.11 0.00	53.57 -0.19 0.00	48.08 -0.16 0.00	51.88 -0.16 0.00	45.40 -0.23 0.00	204.05 -0.93 0.00	65.94 -0.36 0.00	65.89 -0.34 0.00	56.72 -0.29 0.00	56.31 -0.16 0.00	34.89 -0.34 0.00	40.07 -0.41 0.00	45.94 -0.44 0.00

ROCHESRG_115KV_T4 355643	46.24 -2.20 0.00	40.14 -1.57 0.00	43.68 -1.57 0.00	40.25 -1.63 0.00	36.17 -1.41 0.00	35.65 -1.32 0.00	33.44 -1.08 0.00	50.10 -1.60 0.00	41.34 -1.87 0.00	39.80 -1.81 0.00	42.64 -2.14 0.00	45.32 -2.78 0.00	50.53 -3.24 0.00	45.58 -2.66 0.00	49.03 -3.01 0.00	43.09 -2.54 0.00	193.86 -11.12 0.00	61.96 -4.22 0.12	61.78 -4.24 0.21	53.54 -3.35 0.11	52.46 -3.44 0.56	33.56 -1.67 0.00	38.69 -1.79 0.00	44.88 -1.51 0.00
ROCHESTER_9_IC 23652	46.44 -2.00 0.00	40.31 -1.40 0.00	43.87 -1.39 0.00	40.42 -1.47 0.00	36.32 -1.26 0.00	35.79 -1.17 0.00	33.58 -0.94 0.00	50.32 -1.38 0.00	41.53 -1.69 0.00	39.99 -1.63 0.00	42.85 -1.93 0.00	45.55 -2.54 0.00	50.78 -2.98 0.00	45.82 -2.42 0.00	49.28 -2.76 0.00	43.32 -2.31 0.00	194.90 -10.08 0.00	62.45 -3.88 -0.02	62.38 -3.89 -0.03	53.96 -3.05 0.00	53.33 -3.14 0.00	33.74 -1.49 0.00	38.89 -1.59 0.00	45.10 -1.29 0.00
ROCKVIEW_13_KV_LD 356306	50.86 2.42 0.00	44.02 2.31 0.00	47.42 2.17 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.16 1.64 0.00	54.18 2.49 0.00	45.33 2.12 0.00	43.88 2.26 0.00	47.34 2.57 0.00	51.00 2.91 0.00	57.21 3.45 0.00	51.43 3.20 0.00	55.39 3.35 0.00	48.63 3.01 0.00	217.34 12.36 0.00	70.67 4.38 0.01	70.94 4.71 0.01	61.03 4.02 0.00	60.21 3.75 0.00	37.77 2.53 0.00	43.16 2.67 0.00	49.08 2.69 0.00
ROME____115KV_TB2 80656	49.44 1.01 0.00	42.60 0.89 0.00	46.15 0.90 0.00	42.68 0.80 0.00	38.34 0.75 0.00	37.74 0.78 0.00	35.26 0.74 0.00	52.77 1.08 0.00	44.09 0.88 0.00	42.47 0.86 0.00	45.70 0.93 0.00	48.98 0.89 0.00	54.92 1.15 0.00	49.38 1.14 0.00	53.05 1.01 0.00	46.48 0.85 0.00	209.41 4.43 0.00	68.01 1.71 0.00	68.17 1.94 0.00	58.71 1.70 0.00	58.08 1.61 0.00	36.26 1.03 0.00	41.50 1.02 0.00	47.51 1.12 0.00
ROSETON___1 23587	50.21 1.78 0.00	43.46 1.76 0.00	46.92 1.67 0.00	43.39 1.50 0.00	38.91 1.33 0.00	38.23 1.27 0.00	35.76 1.24 0.00	53.56 1.87 0.00	44.77 1.56 0.00	43.28 1.67 0.00	46.69 1.91 0.00	50.29 2.20 0.00	56.32 2.56 0.00	50.65 2.42 0.00	54.61 2.56 0.00	47.95 2.32 0.00	214.58 9.60 0.00	69.69 3.39 0.01	69.93 3.71 0.01	60.17 3.16 0.00	59.40 2.93 0.00	37.24 2.01 0.00	42.56 2.08 0.00	48.43 2.04 0.00
ROSETON___2 23588	50.21 1.78 0.00	43.46 1.76 0.00	46.92 1.67 0.00	43.39 1.50 0.00	38.91 1.33 0.00	38.23 1.27 0.00	35.76 1.24 0.00	53.56 1.87 0.00	44.77 1.56 0.00	43.28 1.67 0.00	46.69 1.91 0.00	50.29 2.20 0.00	56.32 2.56 0.00	50.65 2.42 0.00	54.61 2.56 0.00	47.95 2.32 0.00	214.58 9.60 0.00	69.69 3.39 0.01	69.93 3.71 0.01	60.17 3.16 0.00	59.40 2.93 0.00	37.24 2.01 0.00	42.56 2.08 0.00	48.43 2.04 0.00
ROTRRDAM_115KV_TB3 80664	49.58 1.15 0.00	42.86 1.16 0.00	46.46 1.21 0.00	42.99 1.11 0.00	38.56 0.98 0.00	37.91 0.95 0.00	35.41 0.89 0.00	52.98 1.29 0.00	44.24 1.03 0.00	42.66 1.04 0.00	45.92 1.14 0.00	49.42 1.33 0.00	55.32 1.56 0.00	49.68 1.44 0.00	53.65 1.61 0.00	47.14 1.51 0.00	211.16 6.18 0.00	68.49 2.19 0.00	68.68 2.45 0.01	59.08 2.07 0.00	58.43 1.97 0.00	36.59 1.36 0.00	41.85 1.37 0.00	47.75 1.37 0.00
RUSSELL___1 23602	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
RUSSELL___2 23532	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
RUSSELL___3 23549	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
RUSSELL___4 23556	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
RUSSELL___STATION 23914	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
S SALMON___HYD 24043	47.56 -0.88 0.00	40.97 -0.73 0.00	44.40 -0.85 0.00	41.09 -0.80 0.00	36.91 -0.68 0.00	36.35 -0.61 0.00	33.87 -0.65 0.00	50.65 -1.05 0.00	42.32 -0.89 0.00	40.82 -0.79 0.00	43.83 -0.94 0.00	46.90 -1.19 0.00	52.44 -1.32 0.00	47.04 -1.20 0.00	50.55 -1.49 0.00	44.14 -1.49 0.00	198.60 -6.38 0.00	64.55 -1.75 0.00	64.76 -1.47 0.00	55.92 -1.09 0.00	55.40 -1.06 0.00	34.59 -0.64 0.00	39.69 -0.80 0.00	45.54 -0.85 0.00
S.PERRY___115KV_TB1 80734	47.58 -0.86 0.00	41.37 -0.33 0.00	44.91 -0.34 0.00	41.37 -0.52 0.00	37.14 -0.44 0.00	36.60 -0.36 0.00	34.39 -0.12 0.00	51.60 -0.10 0.00	42.51 -0.70 0.00	40.95 -0.66 0.00	43.99 -0.78 0.00	46.56 -1.53 0.00	51.95 -1.81 0.00	46.52 -1.72 0.00	50.18 -1.86 0.00	44.18 -1.45 0.00	200.03 -4.95 0.00	67.76 -2.16 -3.62	70.24 -2.12 -6.12	58.32 -1.45 -2.76	68.70 -1.55 -13.77	34.73 -0.50 0.00	39.91 -0.57 0.00	46.20 -0.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.10 -3.33 0.00	39.35 -2.36 0.00	42.91 -2.34 0.00	39.42 -2.47 0.00	35.43 -2.15 0.00	34.94 -2.02 0.00	32.87 -1.65 0.00	49.18 -2.52 0.00	40.19 -3.02 0.00	38.70 -2.92 0.00	41.38 -3.39 0.00	43.62 -4.47 0.00	48.56 -5.21 0.00	43.99 -4.25 0.00	47.29 -4.75 0.00	41.58 -4.05 0.00	187.46 -17.52 0.00	58.07 -6.96 1.27	57.14 -7.01 2.09	50.69 -5.52 0.80	46.89 -5.62 3.96	32.45 -2.78 0.00	37.53 -2.96 0.00	43.92 -2.47 0.00

SAWYER___23_KV_LOAD 55526	45.10 -3.33 0.00	39.35 -2.36 0.00	42.91 -2.34 0.00	39.42 -2.47 0.00	35.43 -2.15 0.00	34.94 -2.02 0.00	32.87 -1.65 0.00	49.18 -2.52 0.00	40.19 -3.02 0.00	38.70 -2.92 0.00	41.38 -3.39 0.00	43.62 -4.47 0.00	48.56 -5.21 0.00	43.99 -4.25 0.00	47.29 -4.75 0.00	41.58 -4.05 0.00	187.46 -17.52 0.00	58.07 -6.96 1.27	57.14 -7.01 2.09	50.69 -5.52 0.80	46.89 -5.62 3.96	32.45 -2.78 0.00	37.53 -2.96 0.00	43.92 -2.47 0.00
SELKIRK___I 23801	49.19 0.76 0.00	42.57 0.86 0.00	46.14 0.89 0.00	42.75 0.87 0.00	38.40 0.82 0.00	37.75 0.79 0.00	35.22 0.70 0.00	52.61 0.91 0.00	43.93 0.72 0.00	42.33 0.72 0.00	45.56 0.78 0.00	49.07 0.98 0.00	54.98 1.21 0.00	49.29 1.05 0.00	53.32 1.28 0.00	46.84 1.21 0.00	209.54 4.56 0.00	68.00 1.70 0.00	68.21 1.98 0.01	58.66 1.65 0.00	58.00 1.54 0.00	36.36 1.13 0.00	41.61 1.13 0.00	47.47 1.08 0.00
SELKIRK___II 23799	48.96 0.52 0.00	42.37 0.66 0.00	45.90 0.64 0.00	42.51 0.63 0.00	38.19 0.60 0.00	37.55 0.59 0.00	35.05 0.53 0.00	52.35 0.66 0.00	43.74 0.53 0.00	42.19 0.58 0.00	45.42 0.64 0.00	48.91 0.82 0.00	54.76 1.00 0.00	49.17 0.94 0.00	53.14 1.09 0.00	46.69 1.06 0.00	208.87 3.89 0.00	67.74 1.44 0.00	67.96 1.73 0.01	58.42 1.41 0.00	57.77 1.30 0.00	36.21 0.98 0.00	41.42 0.94 0.00	47.21 0.83 0.00
SENECA OSWGO___HYD 24041	46.99 -1.44 0.00	40.60 -1.11 0.00	44.03 -1.22 0.00	40.71 -1.17 0.00	36.53 -1.05 0.00	35.97 -0.99 0.00	33.63 -0.89 0.00	50.37 -1.33 0.00	41.98 -1.23 0.00	40.44 -1.17 0.00	43.45 -1.33 0.00	46.52 -1.57 0.00	52.07 -1.70 0.00	46.68 -1.55 0.00	50.24 -1.81 0.00	44.08 -1.55 0.00	198.06 -6.92 0.00	64.06 -2.24 0.00	64.07 -2.16 0.00	55.25 -1.76 0.00	54.64 -1.83 0.00	34.24 -0.99 0.00	39.39 -1.09 0.00	45.26 -1.13 0.00
SENECA___115KV_TB3 355854	45.53 -2.90 0.00	39.71 -2.00 0.00	43.25 -2.01 0.00	39.73 -2.15 0.00	35.70 -1.88 0.00	35.19 -1.77 0.00	33.14 -1.38 0.00	49.60 -2.10 0.00	40.53 -2.69 0.00	39.04 -2.58 0.00	41.81 -2.97 0.00	44.08 -4.01 0.00	49.08 -4.68 0.00	44.40 -3.84 0.00	47.73 -4.32 0.00	41.96 -3.67 0.00	189.50 -15.48 0.00	58.72 -6.29 1.30	57.88 -6.22 2.14	51.32 -4.86 0.83	47.37 -4.97 4.13	32.80 -2.43 0.00	37.89 -2.59 0.00	44.29 -2.10 0.00
SENECA___ENERGY 23797	47.13 -1.30 0.00	40.78 -0.93 0.00	44.31 -0.94 0.00	40.94 -0.95 0.00	36.77 -0.82 0.00	36.13 -0.82 0.00	33.91 -0.61 0.00	50.83 -0.86 0.00	42.22 -1.00 0.00	40.69 -0.93 0.00	43.74 -1.04 0.00	46.69 -1.40 0.00	52.20 -1.57 0.00	46.77 -1.47 0.00	50.32 -1.73 0.00	44.31 -1.32 0.00	199.48 -5.51 0.00	64.34 -2.21 -0.25	64.68 -1.98 -0.42	55.61 -1.59 -0.19	55.69 -1.72 -0.94	34.41 -0.83 0.00	39.62 -0.86 0.00	45.60 -0.79 0.00
SHOEMAKER___GT 23640	50.11 1.68 0.00	43.36 1.65 0.00	46.82 1.57 0.00	43.30 1.41 0.00	38.82 1.24 0.00	38.15 1.19 0.00	35.67 1.16 0.00	53.46 1.76 0.00	44.65 1.44 0.00	43.16 1.55 0.00	46.56 1.78 0.00	50.06 1.97 0.00	56.10 2.34 0.00	50.46 2.22 0.00	54.44 2.39 0.00	47.77 2.15 0.00	213.78 8.80 0.00	69.42 3.13 0.01	69.61 3.38 0.01	59.89 2.88 0.00	59.14 2.68 0.00	37.06 1.83 0.00	42.38 1.90 0.00	48.26 1.87 0.00
SHOEMAKR_138KV_BK 111 55601	50.11 1.68 0.00	43.36 1.65 0.00	46.82 1.57 0.00	43.29 1.41 0.00	38.81 1.23 0.00	38.14 1.18 0.00	35.67 1.15 0.00	53.46 1.76 0.00	44.65 1.44 0.00	43.16 1.55 0.00	46.54 1.77 0.00	50.09 2.00 0.00	56.14 2.38 0.00	50.47 2.24 0.00	54.44 2.39 0.00	47.77 2.15 0.00	213.86 8.88 0.00	69.43 3.13 0.01	69.62 3.40 0.01	59.91 2.90 0.00	59.15 2.68 0.00	37.06 1.83 0.00	42.38 1.90 0.00	48.26 1.87 0.00
SHOREHAM_IC_1 23715	51.16 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.06 2.17 0.00	39.66 2.07 0.00	38.99 2.03 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.76 2.55 0.00	44.74 2.60 -0.52	48.92 2.97 -1.18	50.94 3.09 0.23	23.39 3.78 34.15	53.45 3.60 -1.62	56.44 3.77 -0.62	51.53 3.51 -2.40	225.07 10.33 -9.76	76.48 5.31 -4.86	74.14 6.45 -1.45	69.69 5.45 -7.23	71.30 5.14 -9.69	32.77 3.46 5.92	44.05 3.57 0.00	50.23 3.84 0.00
SHOREHAM_IC_2 23716	51.15 2.72 0.00	44.35 2.64 0.00	47.69 2.43 0.00	44.06 2.17 0.00	39.66 2.07 0.00	38.99 2.03 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.76 2.55 0.00	44.74 2.60 -0.52	48.93 2.97 -1.18	50.92 3.07 0.23	23.61 4.00 34.15	53.44 3.59 -1.62	56.43 3.77 -0.62	51.54 3.51 -2.40	225.07 10.34 -9.76	76.45 5.29 -4.86	74.13 6.44 -1.45	69.68 5.45 -7.23	71.30 5.14 -9.69	32.81 3.50 5.92	44.05 3.57 0.00	50.23 3.84 0.00
SISSONVILLE____ 23735	48.54 0.10 0.00	41.24 -0.46 0.00	44.64 -0.61 0.00	41.31 -0.58 0.00	37.09 -0.50 0.00	36.48 -0.48 0.00	34.07 -0.45 0.00	51.07 -0.63 0.00	42.83 -0.39 0.00	40.95 -0.66 0.00	43.93 -0.84 0.00	47.22 -0.87 0.00	52.59 -1.17 0.00	47.24 -0.99 0.00	51.07 -0.98 0.00	44.56 -1.06 0.00	200.95 -4.03 0.00	65.21 -1.09 0.00	65.26 -0.98 0.00	56.10 -0.91 0.00	56.16 -0.31 0.00	34.46 -0.77 0.00	39.39 -1.09 0.00	45.13 -1.26 0.00
SITHE_IND_GS1 24169	46.74 -1.69 0.00	40.36 -1.35 0.00	43.79 -1.46 0.00	40.50 -1.39 0.00	36.34 -1.24 0.00	35.77 -1.19 0.00	33.45 -1.07 0.00	50.08 -1.62 0.00	41.74 -1.47 0.00	40.18 -1.44 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.69 -2.07 0.00	46.33 -1.91 0.00	49.87 -2.18 0.00	43.75 -1.87 0.00	196.42 -8.56 0.00	63.52 -2.78 0.00	63.53 -2.71 -0.01	54.73 -2.28 0.00	54.14 -2.32 0.00	33.91 -1.32 0.00	39.09 -1.39 0.00	44.97 -1.42 0.00
SITHE_IND_GS2 24170	46.74 -1.69 0.00	40.36 -1.35 0.00	43.79 -1.46 0.00	40.50 -1.39 0.00	36.34 -1.24 0.00	35.77 -1.19 0.00	33.45 -1.07 0.00	50.08 -1.62 0.00	41.74 -1.47 0.00	40.18 -1.44 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.69 -2.07 0.00	46.33 -1.91 0.00	49.87 -2.18 0.00	43.75 -1.87 0.00	196.42 -8.56 0.00	63.52 -2.78 0.00	63.53 -2.71 -0.01	54.73 -2.28 0.00	54.14 -2.32 0.00	33.91 -1.32 0.00	39.09 -1.39 0.00	44.97 -1.42 0.00
SITHE_IND_GS3 24171	46.74 -1.69 0.00	40.36 -1.35 0.00	43.79 -1.46 0.00	40.50 -1.39 0.00	36.34 -1.24 0.00	35.77 -1.19 0.00	33.45 -1.07 0.00	50.08 -1.62 0.00	41.74 -1.47 0.00	40.18 -1.44 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.69 -2.07 0.00	46.33 -1.91 0.00	49.87 -2.18 0.00	43.75 -1.87 0.00	196.42 -8.56 0.00	63.52 -2.78 0.00	63.53 -2.71 -0.01	54.73 -2.28 0.00	54.14 -2.32 0.00	33.91 -1.32 0.00	39.09 -1.39 0.00	44.97 -1.42 0.00
SITHE_IND_GS4 24172	46.74 -1.69 0.00	40.36 -1.35 0.00	43.79 -1.46 0.00	40.50 -1.39 0.00	36.34 -1.24 0.00	35.77 -1.19 0.00	33.45 -1.07 0.00	50.08 -1.62 0.00	41.74 -1.47 0.00	40.18 -1.44 0.00	43.14 -1.64 0.00	46.23 -1.86 0.00	51.69 -2.07 0.00	46.33 -1.91 0.00	49.87 -2.18 0.00	43.75 -1.87 0.00	196.42 -8.56 0.00	63.52 -2.78 0.00	63.53 -2.71 -0.01	54.73 -2.28 0.00	54.14 -2.32 0.00	33.91 -1.32 0.00	39.09 -1.39 0.00	44.97 -1.42 0.00

SITHE___BATAVIA 24024	46.42 -2.01 0.00	40.41 -1.30 0.00	44.04 -1.21 0.00	40.44 -1.44 0.00	36.34 -1.25 0.00	35.88 -1.07 0.00	33.75 -0.76 0.00	50.53 -1.16 0.00	41.41 -1.81 0.00	39.79 -1.83 0.00	42.38 -2.40 0.00	45.04 -3.06 0.00	50.16 -3.61 0.00	45.25 -2.99 0.00	48.48 -3.57 0.00	42.75 -2.87 0.00	192.83 -12.15 0.00	60.82 -4.81 0.67	60.39 -4.76 1.10	52.98 -3.61 0.42	50.74 -3.64 2.08	33.53 -1.71 0.00	38.64 -1.84 0.00	45.03 -1.35 0.00
SITHE___INDEPEND 23800	46.74 -1.69 0.00	40.36 -1.35 0.00	43.79 -1.46 0.00	40.50 -1.39 0.00	36.34 -1.24 0.00	35.77 -1.19 0.00	33.45 -1.07 0.00	50.08 -1.62 0.00	41.74 -1.47 0.00	40.18 -1.44 0.00	43.13 -1.64 0.00	46.23 -1.86 0.00	51.68 -2.08 0.00	46.33 -1.91 0.00	49.87 -2.18 0.00	43.75 -1.87 0.00	196.42 -8.56 0.00	63.52 -2.78 0.00	63.54 -2.71 -0.01	54.74 -2.27 0.00	54.14 -2.32 0.00	33.92 -1.32 0.00	39.09 -1.39 0.00	44.97 -1.42 0.00
SITHE___MASSENA 23902	49.49 1.06 0.00	42.14 0.43 0.00	45.65 0.39 0.00	42.23 0.35 0.00	37.89 0.31 0.00	37.26 0.30 0.00	34.82 0.30 0.00	52.23 0.53 0.00	43.76 0.54 0.00	41.93 0.31 0.00	45.03 0.26 0.00	48.40 0.31 0.00	53.95 0.19 0.00	48.43 0.20 0.00	52.37 0.33 0.00	45.78 0.15 0.00	206.35 1.37 0.00	66.68 0.38 0.00	66.55 0.32 0.00	57.21 0.20 0.00	57.11 0.65 0.00	35.13 -0.11 0.00	40.24 -0.24 0.00	46.18 -0.21 0.00
SITHE___OGDNSBRG 24021	49.97 1.54 0.00	42.45 0.74 0.00	45.96 0.70 0.00	42.52 0.63 0.00	38.17 0.59 0.00	37.54 0.58 0.00	35.08 0.56 0.00	52.55 0.86 0.00	43.95 0.74 0.00	41.92 0.31 0.00	44.87 0.09 0.00	48.18 0.09 0.00	53.61 -0.15 0.00	48.20 -0.04 0.00	52.14 0.10 0.00	45.55 -0.08 0.00	205.43 0.45 0.00	66.66 0.36 0.00	66.88 0.64 0.00	57.67 0.66 0.00	57.81 1.35 0.00	35.46 0.23 0.00	40.55 0.07 0.00	46.48 0.09 0.00
SITHE___STERLING 23777	49.01 0.58 0.00	42.29 0.58 0.00	45.81 0.56 0.00	42.38 0.50 0.00	38.05 0.46 0.00	37.44 0.49 0.00	35.00 0.49 0.00	52.42 0.73 0.00	43.75 0.53 0.00	42.13 0.52 0.00	45.35 0.58 0.00	48.58 0.49 0.00	54.49 0.73 0.00	48.94 0.71 0.00	52.61 0.57 0.00	46.17 0.55 0.00	207.90 2.92 0.00	67.39 1.09 0.00	67.50 1.26 0.00	58.13 1.12 0.00	57.46 1.00 0.00	35.92 0.69 0.00	41.16 0.68 0.00	47.13 0.74 0.00
SLEIGHT__34_KV_TB1 80719	46.69 -1.75 0.00	40.41 -1.30 0.00	43.93 -1.32 0.00	40.55 -1.34 0.00	36.44 -1.15 0.00	35.85 -1.11 0.00	33.64 -0.88 0.00	50.43 -1.27 0.00	41.80 -1.41 0.00	40.27 -1.34 0.00	43.22 -1.55 0.00	46.08 -2.01 0.00	51.43 -2.33 0.00	46.22 -2.02 0.00	49.76 -2.29 0.00	43.76 -1.86 0.00	196.81 -8.17 0.00	63.28 -3.04 -0.02	63.32 -2.95 -0.03	54.64 -2.37 0.00	54.04 -2.43 0.00	34.00 -1.23 0.00	39.16 -1.32 0.00	45.21 -1.18 0.00
SMITHTWN_69_KV_BK 1 55830	51.27 2.83 0.00	44.48 2.77 0.00	47.84 2.59 0.00	44.19 2.31 0.00	39.77 2.19 0.00	39.11 2.15 0.00	36.53 2.02 0.00	54.64 2.95 0.00	45.90 2.70 0.00	44.91 2.75 -0.55	49.19 3.18 -1.24	51.29 3.38 0.18	24.53 4.18 33.41	53.76 3.83 -1.69	56.72 4.00 -0.68	51.84 3.65 -2.57	226.90 12.11 -9.81	76.64 5.40 -4.94	73.98 6.27 -1.47	69.58 5.31 -7.27	71.23 5.02 -9.75	33.12 3.44 5.56	43.97 3.49 0.00	50.11 3.72 0.00
SOUTH CAIRO___GT 23612	50.08 1.65 0.00	43.30 1.60 0.00	46.92 1.66 0.00	43.45 1.56 0.00	39.03 1.44 0.00	38.41 1.45 0.00	35.86 1.34 0.00	53.64 1.94 0.00	44.89 1.68 0.00	43.25 1.64 0.00	46.49 1.72 0.00	50.14 2.05 0.00	56.34 2.58 0.00	50.39 2.15 0.00	54.63 2.58 0.00	48.08 2.45 0.00	213.23 8.25 0.00	69.20 2.90 0.00	70.21 3.98 0.01	60.43 3.43 0.00	59.74 3.28 0.00	37.36 2.13 0.00	42.60 2.12 0.00	48.47 2.08 0.00
SOUTH HAMPTN___IC 23720	51.01 2.58 0.00	44.18 2.48 0.00	47.51 2.26 0.00	43.89 2.00 0.00	39.54 1.95 0.00	38.87 1.91 0.00	36.31 1.80 0.00	54.32 2.62 0.00	45.67 2.46 0.00	44.65 2.52 -0.52	48.78 2.85 -1.16	50.82 2.98 0.25	23.02 3.65 34.40	53.34 3.52 -1.59	56.31 3.67 -0.60	51.42 3.46 -2.34	223.93 9.21 -9.74	76.62 5.48 -4.84	74.71 7.03 -1.45	70.19 5.96 -7.22	71.76 5.61 -9.68	32.89 3.70 6.04	44.36 3.88 0.00	50.47 4.09 0.00
SOUTHDOW_115KV_TB1 355954	46.63 -1.80 0.00	40.68 -1.03 0.00	44.16 -1.10 0.00	40.57 -1.31 0.00	36.38 -1.21 0.00	35.91 -1.05 0.00	33.87 -0.65 0.00	50.92 -0.78 0.00	41.68 -1.53 0.00	40.23 -1.39 0.00	43.30 -1.47 0.00	45.44 -2.65 0.00	50.70 -3.06 0.00	45.66 -2.57 0.00	49.09 -2.95 0.00	43.05 -2.58 0.00	196.02 -8.96 0.00	61.15 -4.35 0.81	60.78 -4.15 1.31	53.53 -3.01 0.47	50.89 -3.25 2.33	33.63 -1.61 0.00	38.71 -1.77 0.00	45.27 -1.12 0.00
SOUTHOLD_69_KV_BK 2 55809	50.53 2.10 0.00	43.72 2.02 0.00	46.99 1.74 0.00	43.42 1.53 0.00	39.13 1.55 0.00	38.48 1.52 0.00	35.94 1.42 0.00	53.79 2.10 0.00	45.27 2.06 0.00	44.28 2.15 -0.52	48.36 2.43 -1.16	50.32 2.48 0.25	23.01 3.64 34.39	52.89 3.06 -1.59	55.85 3.21 -0.60	51.07 3.10 -2.34	218.03 3.30 -9.74	76.18 5.04 -4.84	75.00 7.32 -1.45	70.47 6.24 -7.22	71.98 5.83 -9.68	33.02 3.82 6.03	44.49 4.00 0.00	50.52 4.13 0.00
SOUTHOLD___IC 23719	50.54 2.11 0.00	43.72 2.02 0.00	46.99 1.74 0.00	43.42 1.54 0.00	39.13 1.55 0.00	38.48 1.52 0.00	35.94 1.42 0.00	53.79 2.09 0.00	45.27 2.06 0.00	44.28 2.15 -0.52	48.36 2.42 -1.16	50.34 2.50 0.25	22.55 3.18 34.39	52.89 3.06 -1.59	55.85 3.21 -0.60	51.07 3.10 -2.34	218.03 3.31 -9.74	76.20 5.06 -4.84	75.02 7.34 -1.45	70.47 6.24 -7.22	71.97 5.83 -9.68	32.97 3.77 6.03	44.49 4.01 0.00	50.52 4.13 0.00
SOUTH_FORK_WT_PWR 323839	49.83 1.39 0.00	43.07 1.36 0.00	46.29 1.03 0.00	42.77 0.89 0.00	38.58 1.00 0.00	37.93 0.97 0.00	35.42 0.90 0.00	53.01 1.32 0.00	44.63 1.42 0.00	43.67 1.54 -0.52	47.71 1.77 -1.16	49.64 1.80 0.25	21.77 2.41 34.39	52.19 2.36 -1.59	55.10 2.46 -0.60	50.41 2.45 -2.34	216.99 2.27 -9.74	75.65 4.51 -4.84	74.76 7.08 -1.45	70.28 6.05 -7.22	71.74 5.60 -9.68	32.77 3.58 6.03	44.33 3.85 0.00	50.27 3.88 0.00
SPIERFLS_115KV_TB 1 80737	50.93 2.50 0.00	44.13 2.42 0.00	47.77 2.52 0.00	44.10 2.22 0.00	39.37 1.78 0.00	38.59 1.64 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.23 2.02 0.00	43.61 1.99 0.00	47.01 2.24 0.00	50.64 2.56 0.00	56.67 2.91 0.00	50.85 2.61 0.00	55.05 3.01 0.00	48.36 2.74 0.00	216.85 11.87 0.00	70.47 4.17 0.00	70.83 4.60 0.01	61.03 4.02 0.00	60.32 3.85 0.00	37.72 2.49 0.00	42.90 2.42 0.00	48.73 2.34 0.00
ST LAWRENCE____ 23600	48.92 0.49 0.00	41.69 -0.02 0.00	45.19 -0.06 0.00	41.81 -0.08 0.00	37.50 -0.08 0.00	36.88 -0.07 0.00	34.46 -0.06 0.00	51.69 -0.01 0.00	43.32 0.11 0.00	41.54 -0.08 0.00	44.64 -0.13 0.00	48.01 -0.08 0.00	53.53 -0.23 0.00	48.04 -0.20 0.00	51.94 -0.11 0.00	45.42 -0.20 0.00	204.80 -0.18 0.00	66.11 -0.19 0.00	65.90 -0.33 0.00	56.81 -0.20 0.00	56.47 0.01 0.00	34.77 -0.46 0.00	39.86 -0.62 0.00	45.75 -0.64 0.00

STATE_CA_115KV_115_LB 55624	48.98 0.55 0.00	42.41 0.70 0.00	45.92 0.66 0.00	42.53 0.64 0.00	38.22 0.63 0.00	37.60 0.64 0.00	35.09 0.58 0.00	52.40 0.70 0.00	43.80 0.58 0.00	42.24 0.63 0.00	45.48 0.71 0.00	49.00 0.91 0.00	54.89 1.12 0.00	49.28 1.04 0.00	53.29 1.24 0.00	46.84 1.21 0.00	209.53 4.55 0.00	67.99 1.70 0.00	68.16 1.93 0.01	58.59 1.58 0.00	57.93 1.46 0.00	36.31 1.08 0.00	41.52 1.03 0.00	47.28 0.89 0.00
STATE_ST_34_KV_LOAD 55959	48.05 -0.38 0.00	41.41 -0.29 0.00	45.02 -0.23 0.00	41.62 -0.26 0.00	37.41 -0.17 0.00	36.67 -0.29 0.00	34.44 -0.09 0.00	51.63 -0.07 0.00	42.96 -0.25 0.00	41.34 -0.27 0.00	44.47 -0.31 0.00	47.57 -0.52 0.00	53.16 -0.60 0.00	47.55 -0.69 0.00	51.16 -0.88 0.00	45.11 -0.51 0.00	202.73 -2.25 0.00	65.28 -1.02 0.00	65.59 -0.65 0.00	56.38 -0.63 0.00	55.87 -0.59 0.00	34.94 -0.29 0.00	40.29 -0.20 0.00	46.33 -0.06 0.00
STATION_5_MISC_HYD 23604	46.44 -2.00 0.00	40.31 -1.40 0.00	43.87 -1.39 0.00	40.41 -1.48 0.00	36.30 -1.29 0.00	35.79 -1.17 0.00	33.58 -0.93 0.00	50.32 -1.37 0.00	41.53 -1.68 0.00	39.99 -1.62 0.00	42.84 -1.94 0.00	45.56 -2.53 0.00	50.88 -2.88 0.00	45.81 -2.43 0.00	49.29 -2.76 0.00	43.32 -2.31 0.00	194.91 -10.07 0.00	62.45 -3.88 -0.02	62.38 -3.89 -0.03	53.96 -3.05 0.00	53.34 -3.13 0.00	33.75 -1.48 0.00	38.89 -1.59 0.00	45.10 -1.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.81 -1.63 0.00	40.58 -1.13 0.00	44.12 -1.14 0.00	40.70 -1.19 0.00	36.58 -1.01 0.00	36.01 -0.95 0.00	33.79 -0.73 0.00	50.64 -1.05 0.00	41.94 -1.27 0.00	40.41 -1.21 0.00	43.39 -1.39 0.00	46.19 -1.90 0.00	51.56 -2.21 0.00	46.39 -1.85 0.00	49.90 -2.15 0.00	43.89 -1.74 0.00	197.61 -7.37 0.00	63.42 -2.91 -0.02	63.44 -2.82 -0.02	54.83 -2.18 0.00	54.15 -2.32 0.00	34.15 -1.08 0.00	39.30 -1.18 0.00	45.38 -1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.26 -2.17 0.00	40.13 -1.57 0.00	43.68 -1.58 0.00	40.24 -1.64 0.00	36.17 -1.42 0.00	35.64 -1.32 0.00	33.43 -1.09 0.00	50.10 -1.60 0.00	41.39 -1.82 0.00	39.86 -1.76 0.00	42.71 -2.06 0.00	45.43 -2.66 0.00	50.67 -3.09 0.00	45.68 -2.56 0.00	49.14 -2.90 0.00	43.20 -2.42 0.00	194.30 -10.68 0.00	62.32 -4.01 -0.02	62.24 -4.03 -0.03	53.81 -3.19 0.00	53.20 -3.27 0.00	33.62 -1.61 0.00	38.75 -1.73 0.00	44.90 -1.49 0.00
STA_56___34_KV_BUS2 355983	46.26 -2.17 0.00	40.13 -1.57 0.00	43.68 -1.58 0.00	40.24 -1.64 0.00	36.17 -1.42 0.00	35.64 -1.32 0.00	33.43 -1.09 0.00	50.10 -1.60 0.00	41.39 -1.82 0.00	39.86 -1.76 0.00	42.71 -2.06 0.00	45.43 -2.66 0.00	50.67 -3.09 0.00	45.68 -2.56 0.00	49.14 -2.90 0.00	43.20 -2.42 0.00	194.30 -10.68 0.00	62.32 -4.01 -0.02	62.24 -4.03 -0.03	53.81 -3.19 0.00	53.20 -3.27 0.00	33.62 -1.61 0.00	38.75 -1.73 0.00	44.90 -1.49 0.00
STA_67___115KV_BK2 355882	46.37 -2.07 0.00	40.25 -1.46 0.00	43.81 -1.45 0.00	40.35 -1.54 0.00	36.27 -1.32 0.00	35.73 -1.22 0.00	33.52 -1.00 0.00	50.23 -1.47 0.00	41.45 -1.76 0.00	39.91 -1.70 0.00	42.76 -2.02 0.00	45.46 -2.64 0.00	50.67 -3.09 0.00	45.71 -2.52 0.00	49.18 -2.87 0.00	43.23 -2.40 0.00	194.48 -10.50 0.00	62.31 -4.02 -0.03	62.24 -4.03 -0.04	53.83 -3.17 0.00	53.20 -3.27 0.00	33.67 -1.56 0.00	38.81 -1.67 0.00	45.01 -1.37 0.00
STA_7___115KV_9TRANS 80674	46.64 -1.80 0.00	40.48 -1.23 0.00	44.04 -1.21 0.00	40.57 -1.32 0.00	36.46 -1.13 0.00	35.92 -1.04 0.00	33.71 -0.81 0.00	50.51 -1.19 0.00	41.70 -1.51 0.00	40.16 -1.46 0.00	43.04 -1.73 0.00	45.77 -2.32 0.00	51.04 -2.72 0.00	46.05 -2.19 0.00	49.53 -2.51 0.00	43.55 -2.08 0.00	195.92 -9.06 0.00	62.78 -3.55 -0.02	62.72 -3.55 -0.03	54.26 -2.75 0.00	53.64 -2.83 0.00	33.93 -1.30 0.00	39.09 -1.39 0.00	45.32 -1.07 0.00
STA_82___115KV_TB1 80780	46.37 -2.06 0.00	40.25 -1.46 0.00	43.81 -1.45 0.00	40.35 -1.53 0.00	36.27 -1.31 0.00	35.74 -1.22 0.00	33.53 -0.99 0.00	50.23 -1.47 0.00	41.46 -1.75 0.00	39.91 -1.70 0.00	42.76 -2.02 0.00	45.46 -2.63 0.00	50.68 -3.09 0.00	45.72 -2.52 0.00	49.18 -2.87 0.00	43.23 -2.40 0.00	194.48 -10.50 0.00	62.31 -4.01 -0.02	62.23 -4.03 -0.03	53.84 -3.17 0.00	53.21 -3.26 0.00	33.67 -1.56 0.00	38.81 -1.67 0.00	45.02 -1.37 0.00
STEEL___WIND 323596	45.48 -2.95 0.00	39.67 -2.04 0.00	43.20 -2.05 0.00	39.68 -2.20 0.00	35.62 -1.96 0.00	35.15 -1.81 0.00	33.11 -1.41 0.00	49.51 -2.19 0.00	40.46 -2.75 0.00	38.96 -2.66 0.00	41.70 -3.08 0.00	44.01 -4.08 0.00	49.11 -4.65 0.00	44.31 -3.92 0.00	47.63 -4.41 0.00	41.87 -3.76 0.00	189.08 -15.90 0.00	58.60 -6.40 1.30	57.77 -6.33 2.14	51.25 -4.93 0.83	47.34 -5.00 4.13	32.75 -2.48 0.00	37.82 -2.66 0.00	44.20 -2.19 0.00
STEPHTWN_115KV_BK_2 55603	49.18 0.74 0.00	42.56 0.85 0.00	46.11 0.86 0.00	42.68 0.79 0.00	38.32 0.74 0.00	37.73 0.77 0.00	35.24 0.72 0.00	52.67 0.97 0.00	43.95 0.73 0.00	42.45 0.83 0.00	45.69 0.92 0.00	49.19 1.10 0.00	55.23 1.47 0.00	49.50 1.27 0.00	53.56 1.51 0.00	47.06 1.44 0.00	210.90 5.92 0.00	68.46 2.16 0.00	68.67 2.44 0.01	59.04 2.03 0.00	58.26 1.80 0.00	36.50 1.26 0.00	41.70 1.22 0.00	47.57 1.18 0.00
STEBEN_REC_LFGE 323667	46.71 -1.72 0.00	40.82 -0.89 0.00	44.30 -0.96 0.00	40.82 -1.07 0.00	36.66 -0.93 0.00	35.96 -1.00 0.00	33.80 -0.72 0.00	50.66 -1.04 0.00	41.77 -1.44 0.00	40.44 -1.17 0.00	43.59 -1.19 0.00	46.08 -2.01 0.00	51.36 -2.40 0.00	46.08 -2.16 0.00	49.64 -2.41 0.00	43.58 -2.04 0.00	197.76 -7.22 0.00	65.42 -3.19 -2.31	67.07 -3.09 -3.91	56.37 -2.44 -1.80	62.80 -2.65 -8.99	33.89 -1.34 0.00	39.07 -1.41 0.00	45.17 -1.22 0.00
STILLWATER___SOLAR 323814	50.40 1.96 0.00	43.65 1.94 0.00	47.30 2.04 0.00	43.71 1.83 0.00	39.13 1.54 0.00	38.42 1.46 0.00	35.94 1.43 0.00	53.78 2.08 0.00	44.87 1.66 0.00	43.26 1.65 0.00	46.58 1.80 0.00	50.17 2.08 0.00	56.15 2.39 0.00	50.43 2.19 0.00	54.53 2.49 0.00	47.97 2.34 0.00	214.93 9.95 0.00	69.79 3.49 0.00	70.09 3.86 0.01	60.31 3.30 0.00	59.61 3.15 0.00	37.33 2.10 0.00	42.57 2.09 0.00	48.47 2.08 0.00
STONY___BROOK 24151	51.29 2.85 0.00	44.48 2.77 0.00	47.86 2.61 0.00	44.20 2.31 0.00	39.78 2.19 0.00	39.11 2.15 0.00	36.55 2.03 0.00	54.67 2.97 0.00	45.91 2.70 0.00	44.91 2.76 -0.54	49.18 3.18 -1.22	51.28 3.39 0.20	24.15 4.04 33.65	53.74 3.84 -1.67	56.71 4.00 -0.66	51.79 3.65 -2.52	226.60 11.83 -9.79	76.62 5.41 -4.91	74.00 6.30 -1.47	69.60 5.34 -7.25	71.21 5.02 -9.72	32.97 3.42 5.68	44.01 3.53 0.00	50.14 3.75 0.00
STURGEON_POOL_HYD 23609	50.46 2.03 0.00	43.67 1.96 0.00	47.14 1.89 0.00	43.58 1.70 0.00	39.07 1.48 0.00	38.38 1.42 0.00	35.88 1.37 0.00	53.77 2.08 0.00	44.99 1.78 0.00	43.51 1.90 0.00	46.94 2.17 0.00	50.55 2.45 0.00	56.64 2.88 0.00	50.94 2.70 0.00	54.94 2.90 0.00	48.23 2.60 0.00	215.83 10.86 0.00	70.10 3.80 0.01	70.32 4.10 0.01	60.50 3.49 0.00	59.73 3.27 0.00	37.43 2.20 0.00	42.78 2.30 0.00	48.65 2.26 0.00

ST_LAW_115_BK7_LBMP 345037	48.95 0.51 0.00	41.69 -0.02 0.00	45.19 -0.06 0.00	41.81 -0.08 0.00	37.50 -0.08 0.00	36.88 -0.07 0.00	34.46 -0.06 0.00	51.68 -0.02 0.00	43.33 0.12 0.00	41.53 -0.08 0.00	44.63 -0.14 0.00	48.00 -0.09 0.00	53.50 -0.26 0.00	48.02 -0.22 0.00	51.93 -0.11 0.00	45.41 -0.21 0.00	204.77 -0.22 0.00	66.08 -0.22 0.00	65.89 -0.34 0.00	56.80 -0.21 0.00	56.49 0.02 0.00	34.76 -0.48 0.00	39.84 -0.65 0.00	45.72 -0.66 0.00
ST_LAW_115_BK8_LBMP 345038	48.95 0.51 0.00	41.69 -0.02 0.00	45.19 -0.06 0.00	41.81 -0.08 0.00	37.50 -0.08 0.00	36.88 -0.07 0.00	34.46 -0.06 0.00	51.68 -0.02 0.00	43.33 0.12 0.00	41.53 -0.08 0.00	44.63 -0.14 0.00	48.00 -0.09 0.00	53.50 -0.26 0.00	48.02 -0.22 0.00	51.93 -0.11 0.00	45.41 -0.21 0.00	204.77 -0.22 0.00	66.08 -0.22 0.00	65.89 -0.34 0.00	56.80 -0.21 0.00	56.49 0.02 0.00	34.76 -0.48 0.00	39.84 -0.65 0.00	45.72 -0.66 0.00
ST_LAW_230_BK5_LBMP 345035	48.92 0.49 0.00	41.69 -0.02 0.00	45.19 -0.06 0.00	41.81 -0.08 0.00	37.50 -0.08 0.00	36.88 -0.07 0.00	34.46 -0.06 0.00	51.69 -0.01 0.00	43.32 0.11 0.00	41.54 -0.08 0.00	44.64 -0.13 0.00	48.01 -0.08 0.00	53.53 -0.23 0.00	48.04 -0.20 0.00	51.94 -0.11 0.00	45.42 -0.20 0.00	204.80 -0.18 0.00	66.11 -0.19 0.00	65.90 -0.33 0.00	56.81 -0.20 0.00	56.47 0.01 0.00	34.77 -0.46 0.00	39.86 -0.62 0.00	45.75 -0.64 0.00
ST_LAW_230_BK6_LBMP 345036	48.92 0.49 0.00	41.69 -0.02 0.00	45.19 -0.06 0.00	41.81 -0.08 0.00	37.50 -0.08 0.00	36.88 -0.07 0.00	34.46 -0.06 0.00	51.69 -0.01 0.00	43.32 0.11 0.00	41.54 -0.08 0.00	44.64 -0.13 0.00	48.01 -0.08 0.00	53.53 -0.23 0.00	48.04 -0.20 0.00	51.94 -0.11 0.00	45.42 -0.20 0.00	204.80 -0.18 0.00	66.11 -0.19 0.00	65.90 -0.33 0.00	56.81 -0.20 0.00	56.47 0.01 0.00	34.77 -0.46 0.00	39.86 -0.62 0.00	45.75 -0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.31 1.87 0.00	43.52 1.81 0.00	46.96 1.71 0.00	43.41 1.53 0.00	38.92 1.33 0.00	38.23 1.27 0.00	35.76 1.25 0.00	53.62 1.92 0.00	44.81 1.60 0.00	43.32 1.70 0.00	46.74 1.96 0.00	50.34 2.26 0.00	56.43 2.67 0.00	50.75 2.51 0.00	54.70 2.66 0.00	47.99 2.37 0.00	214.90 9.92 0.00	69.79 3.49 0.01	70.01 3.78 0.01	60.23 3.22 0.00	59.44 2.98 0.00	37.23 2.00 0.00	42.56 2.08 0.00	48.42 2.03 0.00
SWANROAD_115KV_TB1 355699	44.71 -3.72 0.00	39.03 -2.67 0.00	42.61 -2.65 0.00	39.11 -2.77 0.00	35.18 -2.40 0.00	34.71 -2.25 0.00	32.63 -1.89 0.00	48.79 -2.91 0.00	39.66 -3.55 0.00	38.11 -3.50 0.00	40.71 -4.06 0.00	42.90 -5.20 0.00	47.60 -6.16 0.00	43.19 -5.05 0.00	46.42 -5.62 0.00	40.80 -4.83 0.00	183.53 -21.45 0.00	56.97 -8.31 1.03	56.31 -8.25 1.68	49.90 -6.48 0.62	46.91 -6.48 3.07	31.82 -3.41 0.00	36.79 -3.69 0.00	43.19 -3.20 0.00
SYNERGY___BIOGAS 323694	46.42 -2.01 0.00	40.41 -1.30 0.00	44.04 -1.21 0.00	40.45 -1.44 0.00	36.38 -1.20 0.00	35.89 -1.07 0.00	33.75 -0.76 0.00	50.53 -1.17 0.00	41.40 -1.81 0.00	39.79 -1.82 0.00	42.40 -2.38 0.00	45.03 -3.06 0.00	50.03 -3.73 0.00	45.25 -2.99 0.00	48.46 -3.58 0.00	42.75 -2.87 0.00	192.82 -12.15 0.00	60.81 -4.82 0.67	60.37 -4.77 1.10	52.96 -3.63 0.42	50.72 -3.67 2.08	33.52 -1.71 0.00	38.64 -1.85 0.00	45.04 -1.35 0.00
SYRACUSE___ENERGY_ST1 323597	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
SYRACUSE___ENERGY_ST2 323598	47.71 -0.72 0.00	41.21 -0.50 0.00	44.70 -0.55 0.00	41.34 -0.54 0.00	37.10 -0.49 0.00	36.49 -0.47 0.00	34.16 -0.36 0.00	51.19 -0.51 0.00	42.63 -0.58 0.00	41.07 -0.54 0.00	44.15 -0.62 0.00	47.28 -0.81 0.00	52.89 -0.87 0.00	47.43 -0.81 0.00	51.03 -1.02 0.00	44.83 -0.80 0.00	201.57 -3.41 0.00	65.09 -1.21 0.00	65.16 -1.08 0.00	56.12 -0.89 0.00	55.50 -0.97 0.00	34.77 -0.47 0.00	40.01 -0.47 0.00	45.97 -0.41 0.00
SYRACUSE___POWER 24017	47.72 -0.71 0.00	41.25 -0.46 0.00	44.71 -0.54 0.00	41.35 -0.54 0.00	37.12 -0.47 0.00	36.52 -0.44 0.00	34.17 -0.35 0.00	51.19 -0.50 0.00	42.63 -0.58 0.00	41.08 -0.53 0.00	44.16 -0.61 0.00	47.30 -0.79 0.00	52.94 -0.82 0.00	47.49 -0.75 0.00	51.10 -0.95 0.00	44.86 -0.77 0.00	201.79 -3.19 0.00	65.18 -1.12 0.00	65.24 -1.00 0.00	56.20 -0.81 0.00	55.55 -0.91 0.00	34.83 -0.40 0.00	40.05 -0.43 0.00	46.00 -0.39 0.00
TALLMAN_138KV_BK151 55660	50.49 2.06 0.00	43.69 1.99 0.00	47.09 1.84 0.00	43.53 1.65 0.00	39.01 1.43 0.00	38.31 1.35 0.00	35.86 1.34 0.00	53.79 2.09 0.00	44.94 1.73 0.00	43.47 1.85 0.00	46.92 2.15 0.00	50.57 2.48 0.00	56.70 2.94 0.00	51.00 2.76 0.00	54.96 2.91 0.00	48.20 2.57 0.00	215.76 10.79 0.00	70.09 3.79 0.01	70.34 4.11 0.01	60.52 3.52 0.00	59.70 3.24 0.00	37.39 2.16 0.00	42.73 2.25 0.00	48.60 2.21 0.00
TEALLAVE_115KV_TB7 355573	47.45 -0.98 0.00	41.02 -0.69 0.00	44.49 -0.76 0.00	41.14 -0.75 0.00	36.93 -0.66 0.00	36.34 -0.62 0.00	33.99 -0.53 0.00	50.91 -0.79 0.00	42.40 -0.81 0.00	40.86 -0.76 0.00	43.89 -0.88 0.00	47.02 -1.07 0.00	52.61 -1.15 0.00	47.20 -1.04 0.00	50.79 -1.25 0.00	44.58 -1.04 0.00	200.46 -4.52 0.00	64.76 -1.55 0.00	64.78 -1.46 0.00	55.82 -1.19 0.00	55.19 -1.27 0.00	34.60 -0.63 0.00	39.82 -0.66 0.00	45.76 -0.62 0.00
TELGRAPH_34_KV_EAST 80808	45.56 -2.88 0.00	39.72 -1.99 0.00	43.33 -1.93 0.00	39.78 -2.11 0.00	35.78 -1.80 0.00	35.29 -1.66 0.00	33.19 -1.33 0.00	49.66 -2.04 0.00	40.56 -2.65 0.00	38.99 -2.63 0.00	41.64 -3.13 0.00	44.00 -4.09 0.00	48.86 -4.90 0.00	44.32 -3.92 0.00	47.58 -4.47 0.00	41.87 -3.76 0.00	188.54 -16.44 0.00	58.96 -6.51 0.84	58.41 -6.46 1.38	51.46 -5.02 0.52	48.82 -5.05 2.59	32.71 -2.53 0.00	37.76 -2.72 0.00	44.17 -2.22 0.00
TEMPLE___115KV_TB 2 55572	47.48 -0.95 0.00	41.04 -0.67 0.00	44.49 -0.76 0.00	41.15 -0.74 0.00	36.94 -0.64 0.00	36.35 -0.61 0.00	34.00 -0.52 0.00	50.93 -0.76 0.00	42.42 -0.79 0.00	40.88 -0.74 0.00	43.93 -0.84 0.00	47.04 -1.05 0.00	52.63 -1.13 0.00	47.22 -1.02 0.00	50.81 -1.23 0.00	44.60 -1.02 0.00	200.50 -4.48 0.00	64.78 -1.52 0.00	64.82 -1.42 0.00	55.85 -1.16 0.00	55.21 -1.25 0.00	34.63 -0.60 0.00	39.85 -0.63 0.00	45.78 -0.61 0.00
TIANA___69_KV_BK 1 55817	51.13 2.69 0.00	44.31 2.60 0.00	47.64 2.38 0.00	44.01 2.12 0.00	39.62 2.04 0.00	38.97 2.01 0.00	36.41 1.89 0.00	54.46 2.76 0.00	45.77 2.56 0.00	44.76 2.63 -0.52	48.89 2.96 -1.16	50.92 3.09 0.25	23.46 4.09 34.39	53.46 3.63 -1.59	56.44 3.80 -0.60	51.53 3.57 -2.34	224.75 10.02 -9.74	76.64 5.50 -4.84	74.60 6.91 -1.45	70.10 5.87 -7.22	71.67 5.53 -9.68	32.92 3.72 6.03	44.30 3.82 0.00	50.45 4.06 0.00

TILDEN___115KV_TB1 80814	47.72 -0.71 0.00	41.25 -0.46 0.00	44.71 -0.54 0.00	41.35 -0.54 0.00	37.12 -0.47 0.00	36.52 -0.44 0.00	34.17 -0.35 0.00	51.19 -0.50 0.00	42.63 -0.58 0.00	41.08 -0.53 0.00	44.16 -0.61 0.00	47.30 -0.79 0.00	52.94 -0.82 0.00	47.49 -0.75 0.00	51.10 -0.95 0.00	44.86 -0.77 0.00	201.79 -3.19 0.00	65.18 -1.12 0.00	65.24 -1.00 0.00	56.20 -0.81 0.00	55.55 -0.91 0.00	34.83 -0.40 0.00	40.05 -0.43 0.00	46.00 -0.39 0.00
TRIGEN___CC 323695	50.79 2.36 0.00	44.04 2.33 0.00	47.41 2.15 0.00	43.82 1.93 0.00	39.43 1.85 0.00	38.78 1.82 0.00	36.26 1.74 0.00	54.29 2.59 0.00	45.57 2.35 0.00	46.72 2.46 -2.64	55.02 2.88 -7.36	55.94 3.16 -4.69	104.75 3.78 -47.20	60.99 3.39 -9.37	62.84 3.56 -7.24	69.60 3.21 -20.76	234.56 11.52 -18.07	85.29 4.65 -14.34	75.21 5.10 -3.88	74.27 4.30 -12.96	78.36 4.00 -17.89	95.01 2.77 -57.01	43.33 2.86 0.00	49.34 2.95 0.00
TRINITY__115KV__4 BK 55933	48.80 0.37 0.00	42.26 0.55 0.00	45.78 0.52 0.00	42.38 0.49 0.00	38.08 0.50 0.00	37.48 0.52 0.00	34.98 0.46 0.00	52.22 0.52 0.00	43.62 0.41 0.00	42.08 0.47 0.00	45.31 0.53 0.00	48.81 0.72 0.00	54.66 0.89 0.00	49.08 0.84 0.00	53.06 1.02 0.00	46.65 1.02 0.00	208.70 3.72 0.00	67.70 1.41 0.00	67.90 1.67 0.01	58.36 1.36 0.00	57.71 1.24 0.00	36.18 0.95 0.00	41.35 0.87 0.00	47.10 0.71 0.00
UNION___PROCESSING_DRP 323587	46.38 -2.05 0.00	40.26 -1.45 0.00	43.81 -1.44 0.00	40.36 -1.53 0.00	36.27 -1.31 0.00	35.74 -1.22 0.00	33.54 -0.98 0.00	50.24 -1.46 0.00	41.46 -1.75 0.00	39.92 -1.69 0.00	42.77 -2.01 0.00	45.46 -2.63 0.00	50.69 -3.07 0.00	45.72 -2.52 0.00	49.18 -2.86 0.00	43.23 -2.39 0.00	194.51 -10.47 0.00	62.33 -4.00 -0.02	62.25 -4.02 -0.03	53.85 -3.15 0.00	53.22 -3.25 0.00	33.68 -1.55 0.00	38.82 -1.66 0.00	45.02 -1.37 0.00
UPPER HUDSON___HYD 24058	50.93 2.50 0.00	44.13 2.42 0.00	47.77 2.52 0.00	44.11 2.22 0.00	39.37 1.78 0.00	38.59 1.63 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.23 2.02 0.00	43.61 1.99 0.00	47.02 2.25 0.00	50.64 2.55 0.00	56.65 2.89 0.00	50.85 2.61 0.00	55.05 3.00 0.00	48.37 2.74 0.00	216.84 11.86 0.00	70.47 4.17 0.00	70.83 4.60 0.01	61.03 4.02 0.00	60.31 3.85 0.00	37.72 2.49 0.00	42.90 2.42 0.00	48.72 2.33 0.00
UPPER RAQUET___HYD 24056	48.54 0.11 0.00	41.24 -0.46 0.00	44.64 -0.61 0.00	41.31 -0.58 0.00	37.09 -0.50 0.00	36.48 -0.48 0.00	34.07 -0.45 0.00	51.07 -0.63 0.00	42.83 -0.38 0.00	40.95 -0.66 0.00	43.93 -0.84 0.00	47.22 -0.87 0.00	52.59 -1.17 0.00	47.24 -1.00 0.00	51.07 -0.98 0.00	44.56 -1.06 0.00	200.95 -4.03 0.00	65.21 -1.09 0.00	65.25 -0.99 0.00	56.10 -0.91 0.00	56.16 -0.30 0.00	34.46 -0.77 0.00	39.39 -1.09 0.00	45.13 -1.25 0.00
VALLEY44_115KV_TB2 355964	45.99 -2.44 0.00	40.28 -1.42 0.00	43.78 -1.47 0.00	40.30 -1.59 0.00	36.23 -1.36 0.00	35.72 -1.24 0.00	33.73 -0.79 0.00	50.70 -1.00 0.00	41.49 -1.72 0.00	40.02 -1.59 0.00	42.91 -1.87 0.00	45.07 -3.03 0.00	50.28 -3.49 0.00	45.04 -3.20 0.00	48.44 -3.60 0.00	42.56 -3.07 0.00	192.97 -12.01 0.00	60.90 -4.74 0.66	60.94 -4.24 1.05	53.44 -3.21 0.36	51.24 -3.43 1.79	33.55 -1.69 0.00	38.70 -1.79 0.00	45.13 -1.26 0.00
VALLEY___115KV_TB 1-4 80826	47.87 -0.56 0.00	41.38 -0.34 0.00	44.85 -0.40 0.00	41.50 -0.39 0.00	37.25 -0.34 0.00	36.61 -0.35 0.00	34.10 -0.41 0.00	51.04 -0.66 0.00	42.56 -0.65 0.00	41.07 -0.55 0.00	44.21 -0.57 0.00	47.61 -0.48 0.00	53.40 -0.37 0.00	47.86 -0.38 0.00	51.77 -0.28 0.00	45.52 -0.10 0.00	204.30 -0.68 0.00	66.21 -0.09 0.00	66.44 0.21 0.00	57.13 0.13 0.00	56.42 -0.05 0.00	35.24 0.01 0.00	40.17 -0.31 0.00	45.66 -0.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.99 1.56 0.00	43.17 1.47 0.00	46.80 1.54 0.00	43.35 1.47 0.00	38.89 1.31 0.00	38.25 1.29 0.00	35.71 1.19 0.00	53.58 1.88 0.00	44.75 1.54 0.00	43.17 1.56 0.00	46.50 1.73 0.00	49.87 1.78 0.00	55.88 2.12 0.00	50.15 1.92 0.00	54.05 2.01 0.00	47.42 1.80 0.00	213.03 8.05 0.00	68.96 2.68 0.02	69.10 2.89 0.03	59.42 2.41 0.00	58.72 2.26 0.00	36.78 1.55 0.00	42.09 1.61 0.00	48.11 1.73 0.00
VISCHER___FERRY HYD 24020	49.53 1.10 0.00	42.91 1.20 0.00	46.52 1.27 0.00	43.03 1.14 0.00	38.58 1.00 0.00	37.95 0.99 0.00	35.47 0.95 0.00	53.02 1.32 0.00	44.22 1.01 0.00	42.66 1.05 0.00	45.93 1.16 0.00	49.51 1.42 0.00	55.36 1.60 0.00	49.75 1.51 0.00	53.83 1.78 0.00	47.34 1.72 0.00	212.06 7.08 0.00	68.76 2.46 0.00	69.03 2.80 0.01	59.37 2.37 0.00	58.67 2.21 0.00	36.79 1.56 0.00	41.99 1.51 0.00	47.83 1.44 0.00
V_A_10_SYNC_DSASP 323832	45.38 -3.06 0.00	39.54 -2.17 0.00	43.11 -2.14 0.00	39.64 -2.25 0.00	35.60 -1.98 0.00	35.15 -1.81 0.00	33.03 -1.49 0.00	49.45 -2.25 0.00	40.56 -2.65 0.00	39.04 -2.58 0.00	41.75 -3.02 0.00	44.13 -3.96 0.00	49.26 -4.51 0.00	44.44 -3.80 0.00	47.79 -4.25 0.00	42.01 -3.62 0.00	189.07 -15.91 0.00	59.72 -6.15 0.44	59.24 -6.22 0.77	51.67 -4.92 0.42	49.36 -5.03 2.07	32.73 -2.50 0.00	37.83 -2.65 0.00	44.15 -2.24 0.00
V_CMM_10_SYNC_DSASP 323787	49.19 0.75 0.00	41.89 0.19 0.00	45.41 0.15 0.00	42.01 0.12 0.00	37.69 0.10 0.00	37.06 0.10 0.00	34.63 0.11 0.00	51.94 0.24 0.00	43.54 0.32 0.00	41.73 0.12 0.00	44.85 0.07 0.00	48.23 0.14 0.00	53.75 -0.01 0.00	48.26 0.02 0.00	52.18 0.14 0.00	45.63 0.00 0.00	205.69 0.71 0.00	66.16 -0.14 0.00	66.19 -0.05 0.00	57.09 0.08 0.00	56.76 0.30 0.00	34.92 -0.31 0.00	40.02 -0.46 0.00	45.95 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	49.98 1.55 0.00	42.61 0.91 0.00	46.04 0.79 0.00	42.54 0.65 0.00	38.21 0.62 0.00	37.59 0.63 0.00	35.25 0.73 0.00	52.85 1.15 0.00	44.21 1.00 0.00	42.46 0.84 0.00	45.66 0.89 0.00	48.96 0.87 0.00	54.51 0.75 0.00	48.90 0.66 0.00	53.04 1.00 0.00	46.37 0.75 0.00	208.72 3.74 0.00	67.36 1.06 0.00	67.52 1.28 0.00	58.22 1.21 0.00	57.76 1.29 0.00	35.50 0.27 0.00	40.50 0.02 0.00	46.28 -0.10 0.00
V_D_10_SYNC_DSASP 323841	49.48 1.05 0.00	42.14 0.43 0.00	45.65 0.39 0.00	42.23 0.34 0.00	37.89 0.31 0.00	37.25 0.30 0.00	34.81 0.30 0.00	52.23 0.53 0.00	43.76 0.54 0.00	41.93 0.31 0.00	45.03 0.26 0.00	48.40 0.31 0.00	53.96 0.19 0.00	48.43 0.20 0.00	52.37 0.33 0.00	45.78 0.15 0.00	206.35 1.37 0.00	66.68 0.38 0.00	66.55 0.32 0.00	57.21 0.20 0.00	57.11 0.65 0.00	35.13 -0.11 0.00	40.24 -0.24 0.00	46.18 -0.21 0.00
V_E_10_SYNC_DSASP 323830	51.28 2.85 0.00	44.17 2.46 0.00	47.89 2.64 0.00	44.37 2.48 0.00	39.80 2.21 0.00	39.26 2.30 0.00	36.75 2.23 0.00	55.23 3.53 0.00	45.90 2.69 0.00	44.20 2.59 0.00	47.58 2.81 0.00	50.82 2.73 0.00	57.04 3.28 0.00	51.17 2.93 0.00	55.20 3.15 0.00	48.45 2.82 0.00	218.80 13.82 0.00	70.94 4.48 -0.16	71.17 4.65 -0.28	60.98 3.83 -0.14	60.51 3.34 -0.71	37.29 2.06 0.00	42.14 1.66 0.00	48.11 1.72 0.00

V_F_30_NSYNC___DSASP 323816	50.48 2.05 0.00	43.70 2.00 0.00	47.38 2.12 0.00	43.78 1.90 0.00	39.17 1.59 0.00	38.47 1.52 0.00	35.99 1.47 0.00	53.84 2.14 0.00	44.92 1.71 0.00	43.32 1.71 0.00	46.65 1.88 0.00	50.25 2.16 0.00	56.25 2.49 0.00	50.50 2.26 0.00	54.62 2.58 0.00	48.01 2.39 0.00	215.27 10.30 0.00	69.87 3.58 0.00	70.16 3.93 0.01	60.37 3.37 0.00	59.67 3.20 0.00	37.36 2.13 0.00	42.62 2.14 0.00	48.52 2.14 0.00
V_F_30_SYNC_DSASP 323786	48.98 0.54 0.00	42.41 0.70 0.00	45.92 0.66 0.00	42.52 0.64 0.00	38.21 0.63 0.00	37.60 0.64 0.00	35.09 0.57 0.00	52.40 0.70 0.00	43.79 0.58 0.00	42.24 0.63 0.00	45.48 0.70 0.00	49.00 0.91 0.00	54.89 1.12 0.00	49.28 1.04 0.00	53.28 1.24 0.00	46.83 1.21 0.00	209.53 4.55 0.00	67.99 1.69 0.00	68.16 1.93 0.01	58.59 1.58 0.00	57.93 1.46 0.00	36.31 1.08 0.00	41.52 1.03 0.00	47.27 0.88 0.00
V_XM_10_SYNC_DSASP 323789	49.98 1.55 0.00	42.61 0.91 0.00	46.04 0.79 0.00	42.54 0.65 0.00	38.21 0.62 0.00	37.59 0.63 0.00	35.25 0.73 0.00	52.85 1.15 0.00	44.21 1.00 0.00	42.46 0.84 0.00	45.66 0.89 0.00	48.96 0.87 0.00	54.51 0.75 0.00	48.90 0.66 0.00	53.04 1.00 0.00	46.37 0.75 0.00	208.72 3.74 0.00	67.36 1.06 0.00	67.52 1.28 0.00	58.22 1.21 0.00	57.76 1.29 0.00	35.50 0.27 0.00	40.50 0.02 0.00	46.28 -0.10 0.00
W.BABYLN_69_KV_BK1 56697	51.38 2.94 0.00	44.56 2.86 0.00	47.95 2.70 0.00	44.29 2.41 0.00	39.87 2.29 0.00	39.21 2.25 0.00	36.64 2.12 0.00	54.82 3.13 0.00	46.04 2.83 0.00	45.70 2.85 -1.24	51.42 3.31 -3.34	53.39 3.55 -1.74	47.21 4.34 10.89	56.40 3.96 -4.20	58.96 4.14 -2.78	57.81 3.78 -8.41	228.77 12.95 -10.84	78.76 5.39 -7.06	74.35 6.07 -2.04	70.20 5.23 -7.96	72.13 4.89 -10.77	42.37 3.42 -3.73	44.01 3.52 0.00	50.12 3.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.66 2.23 0.00	43.84 2.13 0.00	47.26 2.01 0.00	43.68 1.79 0.00	39.15 1.56 0.00	38.45 1.49 0.00	35.99 1.47 0.00	53.98 2.29 0.00	45.10 1.89 0.00	43.61 2.00 0.00	47.09 2.31 0.00	50.75 2.66 0.00	56.89 3.13 0.00	51.18 2.94 0.00	55.15 3.11 0.00	48.37 2.75 0.00	216.57 11.59 0.00	70.36 4.06 0.01	70.59 4.37 0.01	60.75 3.74 0.00	59.93 3.46 0.00	37.53 2.29 0.00	42.90 2.41 0.00	48.78 2.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.84 2.41 0.00	44.00 2.29 0.00	47.42 2.17 0.00	43.83 1.94 0.00	39.30 1.72 0.00	38.61 1.65 0.00	36.16 1.64 0.00	54.17 2.47 0.00	45.34 2.13 0.00	43.94 2.32 0.00	47.39 2.61 0.00	51.04 2.95 0.00	57.24 3.48 0.00	51.46 3.23 0.00	55.38 3.34 0.00	48.63 3.00 0.00	217.33 12.35 0.00	70.62 4.32 0.01	70.87 4.64 0.01	60.97 3.96 0.00	60.13 3.66 0.00	37.71 2.48 0.00	43.15 2.67 0.00	49.06 2.67 0.00
W50THST__13_KV_LOAD 356117	51.01 2.58 0.00	44.15 2.44 0.00	47.60 2.35 0.00	43.99 2.11 0.00	39.45 1.86 0.00	38.75 1.79 0.00	36.29 1.77 0.00	54.38 2.68 0.00	45.53 2.32 0.00	44.14 2.52 0.00	47.61 2.84 0.00	51.29 3.20 0.00	57.52 3.76 0.00	51.71 3.47 0.00	55.64 3.59 0.00	48.85 3.23 0.00	218.38 13.40 0.00	70.95 4.66 0.01	71.20 4.97 0.01	61.25 4.24 0.00	60.40 3.94 0.00	37.87 2.64 0.00	43.32 2.84 0.00	49.25 2.87 0.00
WADING RIVER_IC_1 23522	51.15 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.05 2.16 0.00	39.65 2.07 0.00	38.98 2.02 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.77 2.56 0.00	44.73 2.60 -0.52	48.90 2.97 -1.15	50.93 3.10 0.26	23.09 3.79 34.47	53.43 3.61 -1.58	56.41 3.77 -0.59	51.47 3.53 -2.32	225.05 10.33 -9.74	76.46 5.33 -4.83	74.18 6.49 -1.45	69.70 5.47 -7.21	71.29 5.15 -9.68	32.64 3.47 6.07	44.07 3.59 0.00	50.25 3.86 0.00
WADING RIVER_IC_2 23547	51.15 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.05 2.16 0.00	39.65 2.07 0.00	38.98 2.02 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.77 2.56 0.00	44.73 2.60 -0.52	48.90 2.97 -1.15	50.93 3.10 0.26	23.09 3.79 34.47	53.43 3.61 -1.58	56.41 3.77 -0.59	51.47 3.53 -2.32	225.05 10.33 -9.74	76.46 5.33 -4.83	74.18 6.49 -1.45	69.70 5.47 -7.21	71.29 5.15 -9.68	32.64 3.47 6.07	44.07 3.59 0.00	50.25 3.86 0.00
WADING RIVER_IC_3 23601	51.15 2.72 0.00	44.35 2.64 0.00	47.68 2.43 0.00	44.05 2.16 0.00	39.65 2.07 0.00	38.98 2.02 0.00	36.42 1.90 0.00	54.47 2.77 0.00	45.77 2.56 0.00	44.73 2.60 -0.52	48.90 2.97 -1.15	50.93 3.10 0.26	23.09 3.79 34.47	53.43 3.61 -1.58	56.41 3.77 -0.59	51.47 3.53 -2.32	225.05 10.33 -9.74	76.46 5.33 -4.83	74.18 6.49 -1.45	69.70 5.47 -7.21	71.29 5.15 -9.68	32.64 3.47 6.07	44.07 3.59 0.00	50.25 3.86 0.00
WALDENNY_12_KV_BK2 80841	45.54 -2.90 0.00	39.72 -1.99 0.00	43.27 -1.99 0.00	39.75 -2.14 0.00	35.72 -1.86 0.00	35.22 -1.74 0.00	33.15 -1.36 0.00	49.62 -2.08 0.00	40.51 -2.70 0.00	39.02 -2.60 0.00	41.79 -2.98 0.00	44.06 -4.03 0.00	49.05 -4.72 0.00	44.39 -3.84 0.00	47.72 -4.33 0.00	41.95 -3.68 0.00	189.32 -15.66 0.00	58.68 -6.36 1.27	57.86 -6.29 2.09	51.30 -4.90 0.81	47.46 -5.00 4.01	32.79 -2.45 0.00	37.86 -2.62 0.00	44.28 -2.11 0.00
WALDEN___HYDRO 24148	50.53 2.10 0.00	43.71 2.01 0.00	47.18 1.93 0.00	43.62 1.73 0.00	39.10 1.52 0.00	38.41 1.46 0.00	35.93 1.42 0.00	53.87 2.18 0.00	45.03 1.82 0.00	43.55 1.93 0.00	46.98 2.21 0.00	50.58 2.49 0.00	56.68 2.92 0.00	50.98 2.74 0.00	54.99 2.95 0.00	48.25 2.63 0.00	216.04 11.06 0.00	70.18 3.88 0.01	70.40 4.17 0.01	60.58 3.57 0.00	59.80 3.33 0.00	37.46 2.23 0.00	42.80 2.32 0.00	48.69 2.30 0.00
WARRENSBURG____ 23737	50.93 2.50 0.00	44.13 2.42 0.00	47.77 2.52 0.00	44.10 2.22 0.00	39.37 1.78 0.00	38.59 1.64 0.00	36.16 1.64 0.00	54.15 2.45 0.00	45.23 2.02 0.00	43.61 1.99 0.00	47.01 2.24 0.00	50.64 2.56 0.00	56.67 2.91 0.00	50.85 2.61 0.00	55.05 3.01 0.00	48.36 2.74 0.00	216.85 11.87 0.00	70.47 4.17 0.00	70.83 4.60 0.01	61.03 4.02 0.00	60.32 3.85 0.00	37.72 2.49 0.00	42.90 2.42 0.00	48.73 2.34 0.00
WATERSIDE___6 8 9 23538	50.84 2.40 0.00	43.96 2.25 0.00	47.38 2.13 0.00	43.82 1.93 0.00	39.30 1.72 0.00	38.60 1.64 0.00	36.15 1.63 0.00	54.13 2.44 0.00	45.37 2.15 0.00	43.97 2.36 0.00	47.42 2.64 0.00	51.06 2.96 0.00	57.29 3.53 0.00	51.50 3.26 0.00	55.38 3.33 0.00	48.67 3.05 0.00	217.34 12.36 0.00	70.70 4.40 0.01	70.93 4.71 0.01	61.02 4.01 0.00	60.20 3.74 0.00	36.82 2.52 0.93	43.17 2.69 0.00	49.08 2.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.03 -0.40 0.00	41.50 -0.21 0.00	44.99 -0.27 0.00	41.63 -0.25 0.00	37.37 -0.22 0.00	36.74 -0.22 0.00	34.23 -0.29 0.00	51.25 -0.45 0.00	42.76 -0.45 0.00	41.24 -0.38 0.00	44.40 -0.37 0.00	47.78 -0.31 0.00	53.53 -0.22 0.00	48.00 -0.23 0.00	51.87 -0.17 0.00	45.58 -0.05 0.00	204.53 -0.45 0.00	66.29 -0.02 0.00	66.44 0.21 0.00	57.14 0.14 0.00	56.49 0.02 0.00	35.30 0.07 0.00	40.34 -0.14 0.00	45.96 -0.43 0.00

WDELAWARE___HYD 323627	50.91 2.48 0.00	44.01 2.30 0.00	47.51 2.26 0.00	43.94 2.05 0.00	39.38 1.80 0.00	38.69 1.73 0.00	36.18 1.67 0.00	54.26 2.57 0.00	45.40 2.19 0.00	43.88 2.27 0.00	47.36 2.58 0.00	50.93 2.84 0.00	57.08 3.31 0.00	51.36 3.13 0.00	55.41 3.36 0.00	48.61 2.99 0.00	217.76 12.78 0.00	70.63 4.33 0.01	70.82 4.59 0.01	60.96 3.95 0.00	60.22 3.76 0.00	37.70 2.47 0.00	43.06 2.58 0.00	49.00 2.62 0.00
WEST BABYLON___IC 23714	51.38 2.94 0.00	44.56 2.86 0.00	47.95 2.70 0.00	44.29 2.41 0.00	39.87 2.29 0.00	39.21 2.25 0.00	36.64 2.12 0.00	54.82 3.13 0.00	46.04 2.83 0.00	45.70 2.85 -1.24	51.42 3.31 -3.34	53.39 3.55 -1.74	47.21 4.34 10.89	56.40 3.96 -4.20	58.96 4.14 -2.78	57.81 3.78 -8.41	228.77 12.95 -10.84	78.76 5.39 -7.06	74.35 6.07 -2.04	70.20 5.23 -7.96	72.13 4.89 -10.77	42.37 3.42 -3.73	44.01 3.52 0.00	50.12 3.73 0.00
WEST CANADA___HYD 24049	48.32 -0.11 0.00	41.69 -0.02 0.00	45.21 -0.04 0.00	41.84 -0.04 0.00	37.55 -0.04 0.00	36.92 -0.04 0.00	34.48 -0.03 0.00	51.64 -0.06 0.00	43.13 -0.08 0.00	41.56 -0.05 0.00	44.73 -0.05 0.00	48.04 -0.05 0.00	53.75 -0.01 0.00	48.24 0.00 0.00	52.01 -0.04 0.00	45.62 0.00 0.00	204.80 -0.18 0.00	66.31 0.00 0.00	66.33 0.09 0.00	57.07 0.06 0.00	56.47 0.01 0.00	35.32 0.09 0.00	40.52 0.04 0.00	46.39 0.00 0.00
WESTERN_NY_WIND 24143	46.35 -2.08 0.00	40.36 -1.35 0.00	43.99 -1.26 0.00	40.41 -1.48 0.00	36.34 -1.25 0.00	35.84 -1.12 0.00	33.71 -0.80 0.00	50.47 -1.23 0.00	41.33 -1.88 0.00	39.72 -1.89 0.00	42.31 -2.46 0.00	44.95 -3.14 0.00	49.92 -3.84 0.00	45.19 -3.05 0.00	48.36 -3.68 0.00	42.68 -2.95 0.00	192.51 -12.47 0.00	60.62 -4.96 0.72	60.14 -4.91 1.18	52.82 -3.74 0.45	50.44 -3.78 2.24	33.46 -1.77 0.00	38.56 -1.91 0.00	44.97 -1.42 0.00
WESTOVER___LESR 323668	48.02 -0.42 0.00	41.63 -0.08 0.00	45.05 -0.20 0.00	41.67 -0.21 0.00	37.42 -0.16 0.00	36.81 -0.14 0.00	34.51 -0.01 0.00	51.78 0.08 0.00	42.95 -0.26 0.00	41.40 -0.21 0.00	44.62 -0.15 0.00	47.63 -0.45 0.00	53.33 -0.44 0.00	47.82 -0.42 0.00	51.46 -0.59 0.00	45.20 -0.43 0.00	204.41 -0.57 0.00	65.65 -0.61 0.04	65.78 -0.40 0.06	56.78 -0.23 0.00	56.01 -0.45 0.00	35.24 0.01 0.00	40.47 -0.01 0.00	46.42 0.03 0.00
WETHRSFD_WT_PWR 323626	45.63 -2.80 0.00	39.83 -1.88 0.00	43.19 -2.06 0.00	39.68 -2.20 0.00	35.57 -2.01 0.00	35.02 -1.94 0.00	32.97 -1.54 0.00	49.42 -2.28 0.00	40.48 -2.73 0.00	39.04 -2.58 0.00	41.90 -2.88 0.00	44.25 -3.84 0.00	49.45 -4.31 0.00	44.41 -3.83 0.00	47.82 -4.23 0.00	42.00 -3.63 0.00	190.11 -14.86 0.00	56.60 -5.82 3.88	54.04 -5.69 6.50	49.62 -4.59 2.80	37.81 -4.73 13.93	32.86 -2.37 0.00	37.86 -2.62 0.00	44.09 -2.29 0.00
WHAVSTOR_138KV_BK127 55557	50.44 2.01 0.00	43.65 1.94 0.00	47.06 1.80 0.00	43.50 1.62 0.00	38.99 1.41 0.00	38.29 1.33 0.00	35.83 1.31 0.00	53.73 2.04 0.00	44.90 1.69 0.00	43.43 1.82 0.00	46.88 2.10 0.00	50.51 2.42 0.00	56.63 2.86 0.00	50.92 2.68 0.00	54.88 2.84 0.00	48.14 2.51 0.00	215.53 10.55 0.00	70.00 3.70 0.01	70.25 4.02 0.01	60.44 3.44 0.00	59.63 3.16 0.00	37.35 2.12 0.00	42.69 2.21 0.00	48.56 2.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.44 2.01 0.00	43.65 1.94 0.00	47.06 1.80 0.00	43.50 1.62 0.00	38.99 1.41 0.00	38.29 1.33 0.00	35.83 1.31 0.00	53.73 2.04 0.00	44.90 1.69 0.00	43.43 1.82 0.00	46.88 2.10 0.00	50.51 2.42 0.00	56.63 2.86 0.00	50.92 2.68 0.00	54.88 2.84 0.00	48.14 2.51 0.00	215.53 10.55 0.00	70.00 3.70 0.01	70.25 4.02 0.01	60.44 3.44 0.00	59.63 3.16 0.00	37.35 2.12 0.00	42.69 2.21 0.00	48.56 2.17 0.00
WHITEHAL_115KV_TB1 80871	51.45 3.02 0.00	44.78 3.08 0.00	48.38 3.13 0.00	44.48 2.60 0.00	39.78 2.20 0.00	39.11 2.16 0.00	36.83 2.31 0.00	55.09 3.39 0.00	46.05 2.85 0.00	44.31 2.70 0.00	47.95 3.18 0.00	51.85 3.76 0.00	57.70 3.94 0.00	51.66 3.42 0.00	56.27 4.23 0.00	49.24 3.62 0.00	220.43 15.45 0.00	71.72 5.43 0.00	72.57 6.34 0.01	62.73 5.72 0.00	62.00 5.54 0.00	38.77 3.54 0.00	43.78 3.30 0.00	49.27 2.89 0.00
WHITEPLN_13_KV_LOAD 356215	51.03 2.60 0.00	44.14 2.44 0.00	47.56 2.31 0.00	43.96 2.07 0.00	39.39 1.81 0.00	38.70 1.74 0.00	36.21 1.69 0.00	54.28 2.58 0.00	45.39 2.18 0.00	43.94 2.32 0.00	47.41 2.63 0.00	51.09 3.00 0.00	57.29 3.53 0.00	51.54 3.30 0.00	55.53 3.49 0.00	48.72 3.09 0.00	218.01 13.03 0.00	70.81 4.51 0.01	71.07 4.84 0.01	61.18 4.17 0.00	60.36 3.90 0.00	37.82 2.58 0.00	43.22 2.74 0.00	49.13 2.74 0.00
WM_FLOYD_69_KV_BK2 356380	51.18 2.74 0.00	44.39 2.68 0.00	47.73 2.48 0.00	44.10 2.22 0.00	39.70 2.11 0.00	39.03 2.07 0.00	36.46 1.94 0.00	54.52 2.82 0.00	45.81 2.60 0.00	44.77 2.63 -0.53	48.94 2.98 -1.19	50.97 3.11 0.23	23.73 4.04 34.07	53.49 3.63 -1.63	56.47 3.80 -0.63	51.57 3.53 -2.42	225.38 10.64 -9.76	76.45 5.28 -4.87	74.05 6.36 -1.46	69.61 5.37 -7.23	71.24 5.08 -9.70	32.83 3.48 5.89	44.02 3.54 0.00	50.21 3.82 0.00
WOODARD___115KV_TB2 355635	47.41 -1.02 0.00	40.96 -0.74 0.00	44.43 -0.82 0.00	41.09 -0.80 0.00	36.88 -0.71 0.00	36.29 -0.67 0.00	33.94 -0.58 0.00	50.85 -0.85 0.00	42.35 -0.86 0.00	40.81 -0.80 0.00	43.85 -0.93 0.00	46.98 -1.11 0.00	52.55 -1.21 0.00	47.14 -1.10 0.00	50.73 -1.31 0.00	44.53 -1.09 0.00	200.12 -4.86 0.00	64.68 -1.63 0.00	64.71 -1.53 0.00	55.74 -1.27 0.00	55.13 -1.33 0.00	34.56 -0.67 0.00	39.77 -0.71 0.00	45.69 -0.70 0.00
WOODMERE_69_KV_BK1 55827	51.28 2.85 0.00	44.44 2.73 0.00	47.83 2.57 0.00	44.17 2.28 0.00	39.77 2.18 -0.01	39.12 2.16 0.00	36.55 2.03 0.00	54.69 2.99 0.00	45.86 2.65 0.00	57.99 2.79 -13.59	89.44 3.23 -41.43	90.31 3.50 -38.72	468.17 4.15 -410.26	101.17 3.64 -49.29	96.61 3.87 -40.69	162.86 3.59 -113.64	234.83 13.09 -16.76	110.19 5.14 -38.75	82.64 5.69 -10.71	73.84 4.90 -11.93	78.65 4.62 -17.56	153.79 3.14 -115.42	43.72 3.24 0.00	49.80 3.41 0.00
YORK___WARBASSE 23770	50.92 2.49 0.00	44.04 2.33 0.00	47.45 2.19 0.00	43.87 1.98 0.00	39.38 1.79 0.00	38.67 1.72 0.00	36.22 1.70 0.00	54.16 2.46 0.00	45.44 2.22 0.00	44.06 2.45 0.00	47.49 2.71 0.00	51.07 2.98 0.00	57.34 3.58 0.00	51.60 3.36 0.00	55.48 3.43 0.00	48.79 3.17 0.00	217.79 12.81 0.00	70.86 4.57 0.01	71.12 4.89 0.01	61.17 4.16 0.00	60.37 3.90 0.00	42.31 2.62 -4.46	43.30 2.81 -0.01	49.22 2.82 -0.01