

ALBANY___2 23572	36.67 -0.12 0.00	37.09 -0.11 0.00	41.54 -0.22 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.77 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.49 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.23 0.06 0.00	34.39 0.24 0.00	35.27 0.23 0.00	42.11 0.24 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.34 0.06 0.00	55.52 0.06 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
ALBANY___3 23573	36.67 -0.12 0.00	37.09 -0.11 0.00	41.54 -0.22 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.77 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.49 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.23 0.06 0.00	34.39 0.24 0.00	35.27 0.23 0.00	42.11 0.24 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.34 0.06 0.00	55.52 0.06 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
ALBANY___4 23574	36.67 -0.12 0.00	37.09 -0.11 0.00	41.54 -0.22 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.77 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.49 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.23 0.06 0.00	34.39 0.24 0.00	35.27 0.23 0.00	42.11 0.24 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.34 0.06 0.00	55.52 0.06 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
ALBANY___LFGE 323615	37.08 0.29 0.00	37.51 0.31 0.00	42.00 0.24 0.00	36.87 0.30 0.00	37.61 0.23 0.00	38.74 0.18 0.00	52.40 0.37 0.00	55.38 0.69 0.00	63.27 0.47 0.00	40.68 0.30 0.00	41.94 0.33 0.00	43.52 0.44 0.00	41.60 0.24 0.00	37.59 0.41 0.00	34.72 0.57 0.00	35.63 0.59 0.00	42.63 0.75 0.00	58.98 0.80 0.00	52.14 0.54 0.00	53.22 0.60 0.00	59.10 0.81 0.00	56.20 0.74 0.00	47.41 0.27 0.00	50.54 0.14 0.00
ALCOA_PA_115KV_PL-6C 55860	37.69 0.89 0.00	38.15 0.95 0.00	42.84 1.07 0.00	37.53 0.96 0.00	38.35 0.97 0.00	39.55 1.00 0.00	53.21 1.17 0.00	55.25 0.56 0.00	64.17 1.37 0.00	41.19 0.81 0.00	42.44 0.83 0.00	43.79 0.71 0.00	42.17 0.81 0.00	37.88 0.70 0.00	34.69 0.54 0.00	35.69 0.65 0.00	42.57 0.70 0.00	59.38 1.20 0.00	52.83 1.23 0.00	53.92 1.30 0.00	59.70 1.42 0.00	56.84 1.37 0.00	48.41 1.27 0.00	51.69 1.29 0.00
ALCOA_RYNLDS___DRP 24188	37.69 0.89 0.00	38.15 0.95 0.00	42.84 1.07 0.00	37.53 0.96 0.00	38.35 0.97 0.00	39.55 1.00 0.00	53.21 1.17 0.00	55.25 0.56 0.00	64.17 1.37 0.00	41.19 0.81 0.00	42.44 0.83 0.00	43.79 0.71 0.00	42.17 0.81 0.00	37.88 0.70 0.00	34.69 0.54 0.00	35.69 0.65 0.00	42.57 0.70 0.00	59.38 1.20 0.00	52.83 1.23 0.00	53.92 1.30 0.00	59.70 1.42 0.00	56.84 1.37 0.00	48.41 1.27 0.00	51.69 1.29 0.00
ALCOA___DSASP 323711	37.69 0.90 0.00	38.15 0.95 0.00	42.84 1.07 0.00	37.53 0.96 0.00	38.35 0.97 0.00	39.55 1.00 0.00	53.21 1.17 0.00	55.25 0.56 0.00	64.16 1.36 0.00	41.19 0.81 0.00	42.44 0.83 0.00	43.79 0.72 0.00	42.17 0.81 0.00	37.88 0.71 0.00	34.69 0.54 0.00	35.69 0.65 0.00	42.58 0.71 0.00	59.38 1.20 0.00	52.83 1.23 0.00	53.92 1.30 0.00	59.70 1.41 0.00	56.84 1.38 0.00	48.41 1.27 0.00	51.69 1.29 0.00
ALLEGHENY___COGEN 23514	37.53 0.51 -0.24	37.59 0.16 -0.23	42.29 0.36 -0.17	29.93 0.21 6.85	37.95 0.45 -0.12	39.69 0.88 -0.26	48.82 0.87 4.08	56.71 1.39 -0.64	64.73 1.43 -0.50	40.64 -0.10 -0.36	40.93 -0.76 -0.08	41.67 -1.41 0.00	40.13 -1.23 0.00	35.71 -1.52 -0.05	32.63 -1.69 -0.17	32.52 -2.52 0.00	33.23 -3.44 5.20	34.51 -3.63 20.04	38.85 -1.75 11.01	50.04 -1.60 0.98	43.98 -2.19 12.12	40.26 -2.17 13.03	46.75 -0.39 0.00	50.95 0.55 0.00
ALTAMONT_115KV_TB 2 55880	37.16 0.37 0.00	37.58 0.39 0.00	42.14 0.37 0.00	36.94 0.37 0.00	37.71 0.33 0.00	38.82 0.27 0.00	52.49 0.45 0.00	55.48 0.79 0.00	63.44 0.64 0.00	40.86 0.47 0.00	42.11 0.50 0.00	43.75 0.67 0.00	41.90 0.54 0.00	37.77 0.60 0.00	34.80 0.66 0.00	35.68 0.64 0.00	42.59 0.72 0.00	58.91 0.73 0.00	52.12 0.51 0.00	53.13 0.51 0.00	58.99 0.70 0.00	56.17 0.70 0.00	47.58 0.44 0.00	50.82 0.42 0.00
ALTONA_WT_PWR 323606	37.46 0.67 0.00	37.95 0.75 0.00	42.57 0.80 0.00	37.26 0.69 0.00	37.96 0.58 0.00	39.05 0.49 0.00	52.15 0.11 0.00	54.03 -0.66 0.00	62.52 -0.28 0.00	40.43 0.05 0.00	41.70 0.09 0.00	43.09 0.01 0.00	41.48 0.13 0.00	37.31 0.14 0.00	34.21 0.07 0.00	35.22 0.18 0.00	41.91 0.04 0.00	58.34 0.17 0.00	51.87 0.26 0.00	52.84 0.22 0.00	58.51 0.23 0.00	55.68 0.21 0.00	47.61 0.47 0.00	51.00 0.61 0.00
AMERICAN_REF_FUEL 24010	33.96 -2.17 0.66	34.33 -2.23 0.63	39.20 -2.10 0.47	29.74 -1.81 5.02	35.24 -1.80 0.34	35.87 -1.97 0.72	43.30 -4.40 4.34	48.30 -4.78 1.62	56.39 -5.15 1.26	36.66 -2.81 0.91	38.63 -2.78 0.20	39.22 -3.85 0.00	37.94 -3.42 0.00	33.53 -3.51 0.13	30.69 -3.40 0.05	31.22 -3.83 0.00	32.14 -5.11 4.63	35.33 -7.40 15.45	37.27 -6.30 8.03	43.88 -6.11 2.63	39.34 -7.22 11.72	40.63 -6.64 8.19	42.47 -4.67 0.00	47.01 -3.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.53 -2.30 0.95	33.86 -2.42 0.92	38.95 -2.15 0.67	28.54 -2.12 5.92	35.00 -1.89 0.49	36.00 -1.52 1.04	43.37 -3.27 5.40	49.42 -2.92 2.35	57.66 -3.31 1.83	37.47 -1.59 1.32	39.86 -1.46 0.28	40.86 -2.21 0.00	39.39 -1.97 0.00	34.78 -2.21 0.18	32.02 -2.08 0.05	32.71 -2.33 0.00	32.95 -3.51 5.42	35.23 -5.21 17.74	37.65 -4.48 9.47	44.66 -4.89 3.06	39.29 -5.73 13.26	40.91 -5.19 9.36	43.59 -3.56 0.00	47.94 -2.46 0.00
ARTHUR KILL_GT_1 23520	38.78 1.99 0.00	38.97 1.78 0.00	43.53 1.77 0.00	38.17 1.59 0.00	38.99 1.61 0.00	40.19 1.63 0.00	54.43 2.39 0.00	58.06 3.37 0.00	66.39 3.59 0.00	43.18 2.80 0.00	44.66 3.06 0.00	46.81 3.74 0.00	44.92 3.57 0.00	40.46 3.28 0.00	37.21 3.06 0.00	38.03 2.99 0.00	44.88 3.01 0.00	61.56 3.38 0.00	54.17 2.56 0.00	55.27 2.65 0.00	60.97 2.69 0.00	58.35 2.88 0.00	50.01 2.87 0.00	53.39 2.99 0.00
ARTHUR_KILL_2 23512	38.68 1.89 0.00	38.88 1.68 -0.01	43.43 1.66 -0.01	38.07 1.49 -0.01	38.89 1.50 -0.01	40.07 1.52 0.00	54.27 2.24 0.00	57.89 3.20 0.00	66.21 3.41 0.00	43.06 2.68 0.00	44.58 2.97 0.00	46.70 3.63 0.00	44.81 3.45 0.00	40.34 3.17 0.00	37.11 2.97 0.00	37.92 2.88 0.00	44.76 2.88 0.00	61.39 3.21 0.00	54.03 2.43 0.01	55.09 2.48 0.00	60.79 2.51 0.01	58.17 2.71 0.00	49.87 2.73 0.00	53.26 2.86 0.00
ARTHUR_KILL_3 23513	38.30 1.51 0.00	38.45 1.25 0.00	42.97 1.21 0.00	37.66 1.09 0.00	38.46 1.08 0.00	39.87 1.31 0.00	54.15 2.12 0.00	57.73 3.04 0.00	66.08 3.27 0.00	43.08 2.69 0.00	44.71 3.10 0.00	46.84 3.77 0.00	45.05 3.69 0.00	40.55 3.38 0.00	37.31 3.16 0.00	38.07 3.03 0.00	45.00 3.13 0.00	61.67 3.50 0.00	54.32 2.71 0.00	55.25 2.63 0.00	60.91 2.63 0.00	58.05 2.59 0.00	49.82 2.67 0.00	53.35 2.95 0.00

ARTHUR_KILL_COGEN 323718	38.78 1.99 0.00	38.97 1.77 -0.01	43.54 1.76 -0.01	38.17 1.59 -0.01	39.00 1.61 -0.01	40.19 1.63 0.00	54.41 2.38 0.00	58.05 3.36 0.00	66.40 3.59 0.00	43.18 2.79 0.00	44.67 3.06 0.00	46.81 3.74 0.00	44.92 3.56 0.00	40.45 3.28 0.00	37.21 3.07 0.00	38.02 2.98 0.00	44.87 3.00 0.00	61.55 3.38 0.00	54.18 2.58 0.01	55.26 2.65 0.00	60.98 2.70 0.01	58.34 2.87 0.00	50.00 2.86 0.00	53.39 2.99 0.00
ASHOKAN____ 23654	37.86 1.07 0.00	38.21 1.01 0.00	42.86 1.09 0.00	37.58 1.01 0.00	38.42 1.04 0.00	39.64 1.09 0.00	53.84 1.81 0.00	57.18 2.49 0.00	65.36 2.56 0.00	41.88 1.49 0.00	42.81 1.21 0.00	44.32 1.25 0.00	42.43 1.07 0.00	38.15 0.98 0.00	35.27 1.13 0.00	36.09 1.05 0.00	43.33 1.45 0.00	60.31 2.13 0.00	53.62 2.01 0.00	54.67 2.05 0.00	60.58 2.30 0.00	57.54 2.08 0.00	48.71 1.57 0.00	51.93 1.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.12 1.34 0.00	38.32 1.13 0.00	42.82 1.05 0.00	37.54 0.97 0.00	38.37 0.99 0.00	39.81 1.26 0.00	54.03 1.99 0.00	57.67 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.50 0.00	40.40 3.23 0.00	37.19 3.04 0.00	37.96 2.92 0.00	44.76 2.89 0.00	61.38 3.21 0.00	53.93 2.33 0.01	55.00 2.39 0.00	60.65 2.37 0.01	58.00 2.53 0.00	49.85 2.71 0.00	53.16 2.76 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.10 1.31 0.00	38.31 1.11 0.00	42.80 1.04 0.00	37.53 0.96 0.00	38.36 0.98 0.00	39.79 1.24 0.00	54.02 1.99 0.00	57.63 2.94 0.00	66.03 3.23 0.00	42.96 2.58 0.00	44.52 2.91 0.00	46.70 3.62 0.00	44.83 3.47 0.00	40.39 3.22 0.00	37.17 3.03 0.00	37.95 2.91 0.00	44.75 2.88 0.00	61.35 3.18 0.00	53.90 2.30 0.01	54.98 2.36 0.00	60.61 2.33 0.01	57.98 2.52 0.00	49.83 2.68 0.00	53.13 2.73 0.00
ASTORIA_GT2_1 24094	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT2_2 24095	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT2_3 24096	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT2_4 24097	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT3_1 24098	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT3_2 24099	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT3_3 24100	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT3_4 24101	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT4_1 24102	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT4_2 24103	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT4_3 24104	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00

ASTORIA_GT4_4 24105	38.13 1.34 0.00	38.34 1.14 0.00	42.82 1.06 0.00	37.54 0.97 0.00	38.38 1.00 0.00	39.81 1.26 0.00	54.05 2.01 0.00	57.66 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.86 3.51 0.00	40.41 3.24 0.00	37.19 3.04 0.00	37.97 2.93 0.00	44.78 2.91 0.00	61.38 3.21 0.00	53.94 2.33 0.00	55.01 2.39 0.00	60.66 2.37 0.00	58.01 2.54 0.00	49.86 2.71 0.00	53.16 2.76 0.00
ASTORIA_GT_1 23523	38.19 1.40 0.00	38.40 1.20 0.00	42.90 1.13 0.00	37.61 1.03 0.00	38.44 1.06 0.00	39.88 1.32 0.00	54.13 2.10 0.00	57.78 3.09 0.00	66.19 3.39 0.00	43.07 2.68 0.00	44.62 3.01 0.00	46.80 3.73 0.00	44.94 3.59 0.00	40.50 3.32 0.00	37.26 3.11 0.00	38.05 3.01 0.00	44.86 2.99 0.00	61.50 3.32 0.00	54.04 2.44 0.00	55.12 2.50 0.00	60.77 2.49 0.00	58.11 2.64 0.00	49.95 2.81 0.00	53.26 2.86 0.00
ASTORIA_GT_10 24110	38.24 1.45 0.00	38.42 1.23 0.00	42.91 1.14 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.87 1.31 0.00	54.07 2.04 0.00	57.62 2.93 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.59 2.98 0.00	46.77 3.70 0.00	44.92 3.56 0.00	40.43 3.26 0.00	37.20 3.05 0.00	37.98 2.94 0.00	44.81 2.94 0.00	61.41 3.23 0.00	54.00 2.39 0.00	55.03 2.41 0.00	60.62 2.34 0.00	57.96 2.49 0.00	49.77 2.63 0.00	53.19 2.79 0.00
ASTORIA_GT_11 24225	38.24 1.45 0.00	38.42 1.23 0.00	42.91 1.14 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.87 1.31 0.00	54.07 2.04 0.00	57.62 2.93 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.59 2.98 0.00	46.77 3.70 0.00	44.92 3.56 0.00	40.43 3.26 0.00	37.20 3.05 0.00	37.98 2.94 0.00	44.81 2.94 0.00	61.41 3.23 0.00	54.00 2.39 0.00	55.03 2.41 0.00	60.62 2.34 0.00	57.96 2.49 0.00	49.77 2.63 0.00	53.19 2.79 0.00
ASTORIA_GT_12 24226	38.24 1.45 0.00	38.42 1.23 0.00	42.91 1.14 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.87 1.31 0.00	54.07 2.04 0.00	57.62 2.93 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.59 2.98 0.00	46.77 3.70 0.00	44.92 3.56 0.00	40.43 3.26 0.00	37.20 3.05 0.00	37.98 2.94 0.00	44.81 2.94 0.00	61.41 3.23 0.00	54.00 2.39 0.00	55.03 2.41 0.00	60.62 2.34 0.00	57.96 2.49 0.00	49.77 2.63 0.00	53.19 2.79 0.00
ASTORIA_GT_13 24227	38.24 1.45 0.00	38.42 1.23 0.00	42.91 1.14 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.87 1.31 0.00	54.07 2.04 0.00	57.62 2.93 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.59 2.98 0.00	46.77 3.70 0.00	44.92 3.56 0.00	40.43 3.26 0.00	37.20 3.05 0.00	37.98 2.94 0.00	44.81 2.94 0.00	61.41 3.23 0.00	54.00 2.39 0.00	55.03 2.41 0.00	60.62 2.34 0.00	57.96 2.49 0.00	49.77 2.63 0.00	53.19 2.79 0.00
ASTORIA_GT_5 24106	38.19 1.40 0.00	38.40 1.20 0.00	42.90 1.13 0.00	37.61 1.03 0.00	38.44 1.06 0.00	39.88 1.32 0.00	54.13 2.10 0.00	57.78 3.09 0.00	66.19 3.39 0.00	43.07 2.68 0.00	44.62 3.01 0.00	46.80 3.73 0.00	44.94 3.59 0.00	40.50 3.32 0.00	37.26 3.11 0.00	38.05 3.01 0.00	44.86 2.99 0.00	61.50 3.32 0.00	54.04 2.44 0.00	55.12 2.50 0.00	60.77 2.49 0.00	58.11 2.64 0.00	49.95 2.81 0.00	53.26 2.86 0.00
ASTORIA_GT_7 24107	38.19 1.40 0.00	38.40 1.20 0.00	42.90 1.13 0.00	37.61 1.03 0.00	38.44 1.06 0.00	39.88 1.32 0.00	54.13 2.10 0.00	57.78 3.09 0.00	66.19 3.39 0.00	43.07 2.68 0.00	44.62 3.01 0.00	46.80 3.73 0.00	44.94 3.59 0.00	40.50 3.32 0.00	37.26 3.11 0.00	38.05 3.01 0.00	44.86 2.99 0.00	61.50 3.32 0.00	54.04 2.44 0.00	55.12 2.50 0.00	60.77 2.49 0.00	58.11 2.64 0.00	49.95 2.81 0.00	53.26 2.86 0.00
ASTORIA_GT_8 24108	38.19 1.40 0.00	38.40 1.20 0.00	42.90 1.13 0.00	37.61 1.03 0.00	38.44 1.06 0.00	39.88 1.32 0.00	54.13 2.10 0.00	57.78 3.09 0.00	66.19 3.39 0.00	43.07 2.68 0.00	44.62 3.01 0.00	46.80 3.73 0.00	44.94 3.59 0.00	40.50 3.32 0.00	37.26 3.11 0.00	38.05 3.01 0.00	44.86 2.99 0.00	61.50 3.32 0.00	54.04 2.44 0.00	55.12 2.50 0.00	60.77 2.49 0.00	58.11 2.64 0.00	49.95 2.81 0.00	53.26 2.86 0.00
ASTORIA___2 24149	38.12 1.34 0.00	38.32 1.13 0.00	42.82 1.05 0.00	37.54 0.97 0.00	38.37 0.99 0.00	39.81 1.26 0.00	54.03 1.99 0.00	57.67 2.97 0.00	66.06 3.26 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.50 0.00	40.40 3.23 0.00	37.19 3.04 0.00	37.96 2.92 0.00	44.76 2.89 0.00	61.38 3.21 0.00	53.93 2.33 0.01	55.00 2.39 0.00	60.65 2.37 0.01	58.00 2.53 0.00	49.85 2.71 0.00	53.16 2.76 0.00
ASTORIA___3 23516	38.23 1.44 0.00	38.42 1.22 0.00	42.90 1.14 0.00	37.62 1.06 0.00	38.44 1.06 0.00	39.86 1.31 0.00	54.06 2.03 0.00	57.62 2.92 0.00	65.96 3.15 0.00	43.03 2.65 0.00	44.60 2.99 0.00	46.76 3.69 0.00	44.92 3.56 0.00	40.42 3.25 0.00	37.20 3.05 0.00	37.97 2.93 0.00	44.80 2.93 0.00	61.40 3.23 0.00	54.00 2.40 0.01	55.02 2.41 0.00	60.62 2.34 0.01	57.95 2.49 0.00	49.77 2.63 0.00	53.18 2.79 0.00
ASTORIA___4 23517	38.24 1.45 0.00	38.42 1.23 0.00	42.91 1.14 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.87 1.31 0.00	54.07 2.04 0.00	57.62 2.93 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.59 2.98 0.00	46.77 3.70 0.00	44.92 3.56 0.00	40.43 3.26 0.00	37.20 3.05 0.00	37.98 2.94 0.00	44.81 2.94 0.00	61.41 3.23 0.00	54.00 2.39 0.00	55.03 2.41 0.00	60.62 2.34 0.00	57.96 2.49 0.00	49.77 2.63 0.00	53.19 2.79 0.00
ASTORIA___5 23518	38.23 1.44 0.00	38.42 1.22 0.00	42.90 1.14 0.00	37.62 1.06 0.00	38.43 1.06 0.00	39.86 1.31 0.00	54.06 2.03 0.00	57.61 2.92 0.00	65.95 3.15 0.00	43.03 2.65 0.00	44.60 2.99 0.00	46.76 3.69 0.00	44.92 3.56 0.00	40.42 3.25 0.00	37.20 3.05 0.00	37.97 2.93 0.00	44.80 2.93 0.00	61.40 3.23 0.00	54.00 2.40 0.01	55.02 2.41 0.00	60.62 2.34 0.01	57.95 2.49 0.00	49.77 2.63 0.00	53.18 2.79 0.00
AST_ENERGY_2_CC3 323677	37.74 0.95 0.00	37.95 0.76 0.00	42.39 0.62 0.00	37.17 0.60 0.00	37.99 0.61 0.00	39.41 0.86 0.00	53.51 1.47 0.00	57.09 2.40 0.00	65.42 2.62 0.00	42.56 2.18 0.00	44.11 2.50 0.00	46.28 3.21 0.00	44.42 3.06 0.00	40.03 2.86 0.00	36.85 2.70 0.00	37.62 2.58 0.00	44.36 2.49 0.00	60.80 2.63 0.00	53.42 1.82 0.01	54.48 1.86 0.00	60.07 1.80 0.01	57.57 2.10 0.00	49.84 2.70 0.00	53.14 2.75 0.00
AST_ENERGY_2_CC4 323678	37.74 0.95 0.00	37.95 0.76 0.00	42.39 0.62 0.00	37.17 0.60 0.00	37.99 0.61 0.00	39.41 0.86 0.00	53.51 1.47 0.00	57.09 2.40 0.00	65.42 2.62 0.00	42.56 2.18 0.00	44.11 2.50 0.00	46.28 3.21 0.00	44.42 3.06 0.00	40.03 2.86 0.00	36.85 2.70 0.00	37.62 2.58 0.00	44.36 2.49 0.00	60.80 2.63 0.00	53.42 1.82 0.01	54.48 1.86 0.00	60.07 1.80 0.01	57.57 2.10 0.00	49.84 2.70 0.00	53.14 2.75 0.00

ATHENS_STG_1 23668	37.60 0.81 0.00	37.95 0.76 0.00	42.57 0.80 0.00	37.28 0.71 0.00	38.08 0.70 0.00	39.23 0.67 0.00	53.07 1.03 0.00	56.23 1.54 0.00	64.31 1.51 0.00	41.54 1.16 0.00	42.89 1.29 0.00	44.67 1.60 0.00	42.84 1.48 0.00	38.57 1.40 0.00	35.52 1.37 0.00	36.36 1.31 0.00	43.30 1.43 0.00	59.70 1.52 0.00	52.74 1.13 0.00	53.72 1.10 0.00	59.55 1.27 0.00	56.74 1.28 0.00	48.28 1.14 0.00	51.65 1.25 0.00
ATHENS_STG_2 23670	37.60 0.81 0.00	37.95 0.76 0.00	42.57 0.80 0.00	37.28 0.71 0.00	38.08 0.70 0.00	39.23 0.67 0.00	53.07 1.03 0.00	56.23 1.54 0.00	64.31 1.51 0.00	41.54 1.16 0.00	42.89 1.29 0.00	44.67 1.60 0.00	42.84 1.48 0.00	38.57 1.40 0.00	35.52 1.37 0.00	36.36 1.31 0.00	43.30 1.43 0.00	59.70 1.52 0.00	52.74 1.13 0.00	53.72 1.10 0.00	59.55 1.27 0.00	56.74 1.28 0.00	48.28 1.14 0.00	51.65 1.25 0.00
ATHENS_STG_3 23677	37.60 0.81 0.00	37.95 0.76 0.00	42.57 0.80 0.00	37.28 0.71 0.00	38.08 0.70 0.00	39.23 0.67 0.00	53.07 1.03 0.00	56.23 1.54 0.00	64.31 1.51 0.00	41.54 1.16 0.00	42.89 1.29 0.00	44.67 1.60 0.00	42.84 1.48 0.00	38.57 1.40 0.00	35.52 1.37 0.00	36.36 1.31 0.00	43.30 1.43 0.00	59.70 1.52 0.00	52.74 1.13 0.00	53.72 1.10 0.00	59.55 1.27 0.00	56.74 1.28 0.00	48.28 1.14 0.00	51.65 1.25 0.00
AUBURN___LFGE 323710	36.63 -0.16 0.00	37.07 -0.13 0.00	41.70 -0.07 0.00	37.50 -0.24 -1.16	37.22 -0.16 0.00	38.52 -0.04 0.00	52.75 -0.04 -0.76	54.91 0.22 0.00	62.75 -0.05 0.00	40.17 -0.21 0.00	41.30 -0.30 0.00	42.60 -0.47 0.00	40.95 -0.41 0.00	36.74 -0.43 0.00	33.56 -0.59 -0.01	34.53 -0.52 0.00	42.86 -0.47 -1.46	62.01 -0.34 -4.17	53.95 -0.08 -2.42	53.23 -0.07 -0.69	62.09 -0.21 -4.01	58.70 -0.25 -3.49	46.89 -0.25 0.00	50.34 -0.06 0.00
BABYLON_RES_REC 323704	38.45 1.67 0.00	38.60 1.40 0.00	43.10 1.33 0.00	37.67 1.10 0.00	38.45 1.07 0.00	38.21 0.52 0.87	38.30 0.92 14.66	44.74 1.76 11.71	44.49 1.79 20.10	41.06 1.73 1.06	43.88 2.52 0.24	53.62 3.36 -7.19	53.77 3.28 -9.13	54.35 3.00 -14.18	49.15 2.74 -12.27	37.36 2.32 0.00	44.14 2.26 0.00	60.68 2.50 0.00	53.42 1.82 0.00	54.34 1.72 0.00	60.04 1.76 0.00	57.27 1.81 0.00	49.73 2.59 0.00	53.70 3.30 0.00
BALL_HILL_WT_PWR 323825	34.10 -1.83 0.86	34.39 -1.97 0.83	39.35 -1.81 0.61	29.16 -1.75 5.67	35.37 -1.57 0.45	36.28 -1.34 0.94	43.86 -3.09 5.08	49.60 -2.98 2.11	57.81 -3.34 1.65	37.51 -1.68 1.19	39.68 -1.67 0.26	40.62 -2.46 0.00	39.23 -2.13 0.00	34.62 -2.39 0.16	31.81 -2.28 0.05	32.42 -2.62 0.00	32.91 -3.76 5.21	35.56 -5.45 17.17	37.99 -4.54 9.07	45.07 -4.59 2.96	39.87 -5.50 12.91	41.39 -5.02 9.06	43.81 -3.33 0.00	48.12 -2.28 0.00
BARON_WINDS___WT_PWR 323822	35.98 -1.57 -0.76	35.92 -2.02 -0.74	40.23 -2.07 -0.54	26.08 -2.04 8.45	36.02 -1.76 -0.40	37.96 -1.43 -0.83	45.19 -2.57 4.28	54.45 -2.21 -1.98	61.57 -2.77 -1.54	39.79 -1.71 -1.12	39.75 -2.10 -0.24	40.45 -2.63 0.00	38.98 -2.37 0.00	34.75 -2.57 -0.15	31.67 -2.20 0.28	32.50 -2.54 0.00	30.06 -3.48 8.33	25.83 -4.56 27.79	34.90 -3.62 13.09	42.71 -3.70 6.21	26.57 -4.56 27.16	35.01 -4.32 16.13	44.26 -2.88 0.00	48.16 -2.24 0.00
BARRETT_IC_1 23704	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_10 23701	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_11 23702	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_12 23703	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_2 23705	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_3 23706	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_4 23707	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_5 23708	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29

BARRETT_IC_6 23709	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_7 23710	38.38 1.53 -0.06	38.49 1.30 0.00	42.97 1.21 0.00	37.53 0.96 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.60 1.05 10.49	57.65 2.01 -0.95	63.75 1.90 0.94	41.94 1.77 0.21	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.47 2.43 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.79 0.00	54.37 1.74 0.00	60.24 1.96 0.00	57.44 1.98 0.00	49.54 2.37 -0.03	54.65 2.97 -1.29
BARRETT_IC_8 23711	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT_IC_9 23700	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT___1 23545	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BARRETT___2 23546	38.38 1.52 -0.06	38.48 1.29 0.00	42.97 1.21 0.00	37.54 0.97 0.00	38.30 0.92 0.00	38.52 0.68 0.71	42.59 1.04 10.49	57.64 2.00 -0.95	63.73 1.87 0.94	41.94 1.77 0.22	58.20 2.79 -13.80	59.10 3.51 -12.51	59.10 3.41 -14.33	59.10 3.13 -18.80	53.02 2.87 -16.01	37.46 2.42 0.00	44.25 2.38 0.00	60.67 2.49 0.00	53.40 1.80 0.00	54.36 1.74 0.00	60.26 1.98 0.00	57.42 1.96 0.00	49.54 2.37 -0.03	54.65 2.96 -1.29
BATAVIA___115KV_TB1 55881	36.15 -0.64 0.00	36.49 -0.70 0.00	41.30 -0.46 0.00	32.23 -0.43 3.91	37.04 -0.34 0.00	38.33 -0.23 0.00	48.02 -1.46 2.55	53.33 -1.37 0.00	61.34 -1.46 0.00	39.43 -0.95 0.00	40.32 -1.29 0.00	40.78 -2.30 0.00	39.39 -1.96 0.00	34.99 -2.18 0.00	31.89 -2.23 0.03	32.49 -2.55 0.00	35.12 -3.25 3.51	41.85 -4.02 12.31	42.66 -2.80 6.15	47.99 -2.72 1.92	45.11 -3.42 9.75	45.36 -3.08 7.03	45.02 -2.12 0.00	49.33 -1.07 0.00
BAYONEEC___CTG1 323682	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG10 323750	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG2 323683	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG3 323684	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG4 323685	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG5 323686	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG6 323687	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG7 323688	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00

BAYONEEC___CTG8 323689	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BAYONEEC___CTG9 323749	38.44 1.66 0.00	38.60 1.40 0.00	43.17 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.29 2.25 0.00	57.86 3.17 0.00	66.24 3.44 0.00	43.16 2.78 0.00	44.79 3.18 0.00	46.92 3.85 0.00	45.12 3.76 0.00	40.60 3.43 0.00	37.34 3.20 0.00	38.11 3.07 0.00	45.06 3.19 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.34 2.72 0.00	61.03 2.74 0.00	58.16 2.70 0.00	49.91 2.77 0.00	53.48 3.08 0.00
BEACON___LESR 323632	37.29 0.50 0.00	37.68 0.49 0.00	42.16 0.39 0.00	37.05 0.48 0.00	37.79 0.41 0.00	39.05 0.50 0.00	52.85 0.82 0.00	55.79 1.10 0.00	63.72 0.92 0.00	40.90 0.52 0.00	42.22 0.62 0.00	43.73 0.66 0.00	41.82 0.46 0.00	37.76 0.58 0.00	34.86 0.72 0.00	35.82 0.77 0.00	42.95 1.08 0.00	59.43 1.26 0.00	52.64 1.04 0.00	53.58 0.96 0.00	59.56 1.27 0.00	56.43 0.96 0.00	47.65 0.51 0.00	50.91 0.52 0.00
BEAVER RIVER___HYD 24048	38.18 1.39 0.00	38.79 1.59 0.00	43.64 1.88 0.00	38.16 1.59 0.00	39.05 1.67 0.00	40.31 1.75 0.00	54.41 2.38 0.00	56.73 2.04 0.00	64.39 1.59 0.00	40.55 0.16 0.00	41.59 -0.01 0.00	43.09 0.01 0.00	41.34 -0.02 0.00	36.98 -0.19 0.00	33.84 -0.30 0.00	34.65 -0.39 0.00	41.43 -0.44 0.00	59.03 0.85 0.00	53.21 1.60 0.00	54.47 1.84 0.00	60.35 2.07 0.00	57.67 2.21 0.00	49.24 2.09 0.00	52.63 2.23 0.00
BEEBEE_GT_13 23619	36.10 -0.69 0.00	36.41 -0.78 0.00	41.07 -0.69 0.00	33.16 -0.65 2.75	36.79 -0.59 0.00	38.10 -0.45 0.00	49.08 -1.16 1.80	53.72 -0.97 0.00	61.70 -1.10 0.00	39.66 -0.72 0.00	40.79 -0.82 0.00	41.69 -1.38 0.00	40.18 -1.18 0.00	35.86 -1.31 0.00	32.76 -1.39 0.00	33.48 -1.57 0.00	37.48 -1.97 2.42	47.65 -2.49 8.04	45.36 -1.90 4.35	49.68 -1.84 1.10	49.79 -2.35 6.14	48.22 -2.23 5.01	45.60 -1.54 0.00	49.33 -1.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.57 1.78 0.00	38.73 1.54 0.00	43.25 1.48 0.00	37.90 1.33 0.00	38.73 1.35 0.00	40.21 1.66 0.00	54.59 2.56 0.00	58.24 3.55 0.00	66.68 3.88 0.00	43.42 3.04 0.00	44.98 3.38 0.00	47.15 4.08 0.00	45.28 3.93 0.00	40.74 3.57 0.00	37.48 3.34 0.00	38.29 3.25 0.00	45.21 3.33 0.00	61.99 3.81 0.00	54.55 2.94 0.00	55.60 2.98 0.00	61.29 3.01 0.00	58.60 3.13 0.00	50.25 3.10 0.00	53.65 3.25 0.00
BETHLEHEM___GRP 23843	36.67 -0.12 0.00	37.09 -0.11 0.00	41.54 -0.22 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.77 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.49 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.23 0.06 0.00	34.39 0.24 0.00	35.27 0.23 0.00	42.11 0.24 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.34 0.06 0.00	55.52 0.06 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
BETHLEHEM___GS1 323560	36.67 -0.12 0.00	37.09 -0.11 0.00	41.53 -0.23 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.78 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.50 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.24 0.07 0.00	34.38 0.24 0.00	35.27 0.23 0.00	42.11 0.23 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.35 0.06 0.00	55.52 0.05 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
BETHLEHEM___GS2 323561	36.67 -0.12 0.00	37.09 -0.11 0.00	41.53 -0.23 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.78 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.50 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.24 0.07 0.00	34.38 0.24 0.00	35.27 0.23 0.00	42.11 0.23 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.35 0.06 0.00	55.52 0.05 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
BETHLEHEM___GS3 323562	36.67 -0.12 0.00	37.09 -0.11 0.00	41.53 -0.23 0.00	36.47 -0.10 0.00	37.19 -0.19 0.00	38.29 -0.26 0.00	51.78 -0.26 0.00	54.72 0.03 0.00	62.53 -0.27 0.00	40.23 -0.15 0.00	41.50 -0.11 0.00	43.08 0.01 0.00	41.20 -0.16 0.00	37.24 0.07 0.00	34.38 0.24 0.00	35.27 0.23 0.00	42.11 0.23 0.00	58.25 0.07 0.00	51.50 -0.11 0.00	52.51 -0.11 0.00	58.35 0.06 0.00	55.52 0.05 0.00	46.88 -0.27 0.00	50.00 -0.40 0.00
BETHLEHEM___STEEL 23779	35.20 -1.59 0.00	35.47 -1.72 0.00	40.22 -1.54 0.00	30.00 -1.47 5.11	35.98 -1.40 0.00	37.32 -1.24 0.00	45.63 -3.07 3.34	51.64 -3.05 0.00	59.51 -3.29 0.00	38.68 -1.70 0.00	39.87 -1.73 0.00	40.38 -2.70 0.00	39.03 -2.32 0.00	34.62 -2.56 0.00	31.56 -2.53 0.06	32.15 -2.89 0.00	33.32 -3.97 4.59	36.20 -5.61 16.37	39.08 -4.54 7.99	45.47 -4.48 2.66	39.72 -5.42 13.14	41.49 -4.87 9.11	43.79 -3.35 0.00	48.09 -2.31 0.00
BETHLHEM_115KV_TB1 79974	36.79 0.00 0.00	37.22 0.03 0.00	41.69 -0.08 0.00	36.59 0.02 0.00	37.33 -0.06 0.00	38.43 -0.12 0.00	51.96 -0.08 0.00	54.93 0.24 0.00	62.75 -0.05 0.00	40.39 0.01 0.00	41.65 0.05 0.00	43.25 0.17 0.00	41.37 0.01 0.00	37.36 0.19 0.00	34.49 0.35 0.00	35.38 0.34 0.00	42.24 0.37 0.00	58.42 0.24 0.00	51.66 0.05 0.00	52.65 0.03 0.00	58.51 0.23 0.00	55.69 0.23 0.00	47.05 -0.09 0.00	50.21 -0.19 0.00
BETHPAGE_CC_5 323564	38.34 1.56 0.00	38.48 1.29 0.00	42.96 1.19 0.00	37.57 0.99 0.00	38.34 0.96 0.00	38.44 0.69 0.81	39.78 1.22 13.48	46.20 2.12 10.62	46.75 2.21 18.26	41.48 2.06 0.97	45.16 2.85 -0.71	54.62 3.65 -7.90	54.88 3.56 -9.95	55.71 3.24 -15.30	50.33 2.96 -13.23	37.59 2.55 0.00	44.43 2.56 0.00	61.05 2.87 0.00	53.76 2.15 0.00	54.65 2.04 0.00	60.37 2.08 0.00	57.48 2.02 0.00	49.62 2.47 0.00	53.60 3.14 -0.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.27 -1.52 0.00	35.54 -1.65 0.00	40.29 -1.47 0.00	29.98 -1.43 5.17	36.04 -1.34 0.00	37.39 -1.16 0.00	45.75 -2.91 3.37	51.82 -2.87 0.00	59.68 -3.12 0.00	38.79 -1.60 0.00	39.98 -1.62 0.00	40.50 -2.57 0.00	39.15 -2.21 0.00	34.73 -2.45 0.00	31.67 -2.42 0.06	32.26 -2.78 0.00	33.42 -3.82 4.63	36.26 -5.40 16.52	39.19 -4.34 8.08	45.65 -4.31 2.66	39.86 -5.20 13.22	41.57 -4.69 9.20	43.90 -3.24 0.00	48.19 -2.21 0.00
BINGHAMTON___COGEN 23790	36.83 0.04 0.00	37.12 -0.08 0.00	41.78 0.02 0.00	36.50 -0.08 0.00	37.40 0.02 0.00	38.66 0.11 0.00	52.12 0.08 0.00	55.22 0.53 0.00	63.11 0.31 0.00	40.66 0.28 0.00	41.83 0.22 0.00	43.28 0.20 0.00	41.61 0.26 0.00	37.24 0.06 0.00	34.23 0.08 0.00	35.02 -0.02 0.00	40.62 -0.15 1.10	52.72 -0.30 5.16	47.76 -0.22 3.63	51.49 -0.20 0.92	53.41 -0.36 4.51	52.15 -0.33 2.98	47.11 -0.04 0.00	50.62 0.22 0.00

BIXINCNT_115KV_LOAD 355685	35.48 -1.31 0.00	35.65 -1.54 0.00	40.40 -1.37 0.00	29.66 -1.49 5.43	36.07 -1.31 0.00	37.71 -0.84 0.00	46.37 -2.12 3.55	52.75 -1.94 0.00	60.55 -2.25 0.00	39.33 -1.05 0.00	40.43 -1.18 0.00	40.87 -2.21 0.00	39.39 -1.96 0.00	35.06 -2.12 0.00	32.13 -1.96 0.05	32.74 -2.30 0.00	33.79 -3.30 4.79	36.26 -4.74 17.17	39.53 -3.62 8.46	46.19 -3.73 2.69	40.28 -4.43 13.58	41.76 -4.08 9.62	44.25 -2.89 0.00	48.27 -2.13 0.00
BLACK RIVER___HYD 24047	38.31 1.52 0.00	38.94 1.75 0.00	43.84 2.08 0.00	38.31 1.73 0.00	39.21 1.84 0.00	40.54 1.99 0.00	54.82 2.79 0.00	57.18 2.49 0.00	64.52 1.72 0.00	40.42 0.03 0.00	41.28 -0.33 0.00	42.65 -0.42 0.00	40.90 -0.45 0.00	36.57 -0.60 0.00	33.43 -0.72 0.00	34.20 -0.85 0.00	41.08 -0.79 0.00	59.15 0.97 0.00	53.63 2.03 0.00	54.96 2.34 0.00	60.85 2.56 0.00	57.99 2.52 0.00	49.45 2.32 0.00	52.85 2.45 0.00
BLACKRVR_115KV_TB2 79977	38.31 1.52 0.00	38.94 1.75 0.00	43.84 2.08 0.00	38.31 1.73 0.00	39.21 1.84 0.00	40.54 1.99 0.00	54.82 2.79 0.00	57.18 2.49 0.00	64.52 1.72 0.00	40.42 0.03 0.00	41.28 -0.33 0.00	42.65 -0.42 0.00	40.90 -0.45 0.00	36.57 -0.60 0.00	33.43 -0.72 0.00	34.19 -0.85 0.00	41.08 -0.79 0.00	59.15 0.97 0.00	53.63 2.03 0.00	54.96 2.34 0.00	60.84 2.56 0.00	57.98 2.52 0.00	49.46 2.32 0.00	52.85 2.45 0.00
BLDWN_LI_69_KV_BK4 356085	38.55 1.74 -0.02	38.68 1.48 0.00	43.17 1.40 0.00	37.73 1.16 0.00	38.52 1.14 0.00	38.88 0.96 0.63	43.46 1.55 10.12	51.22 2.49 5.97	54.56 2.58 10.82	41.97 2.20 0.61	49.61 3.03 -4.97	57.13 3.83 -10.24	57.64 3.74 -12.54	59.03 3.41 -18.45	53.15 3.12 -15.89	37.77 2.73 0.00	44.65 2.78 0.00	61.33 3.15 0.00	54.04 2.43 0.00	54.98 2.36 0.00	60.78 2.50 0.00	57.90 2.44 0.00	49.90 2.75 -0.01	54.15 3.37 -0.38
BLISS_WT_PWR 323608	34.45 -1.33 1.01	34.65 -1.57 0.97	39.61 -1.45 0.71	28.87 -1.59 6.11	35.46 -1.39 0.53	36.58 -0.87 1.10	44.31 -2.10 5.62	50.24 -1.96 2.49	58.62 -2.24 1.94	37.91 -1.07 1.41	40.07 -1.24 0.30	40.74 -2.33 0.00	39.26 -2.10 0.00	34.77 -2.21 0.19	32.08 -2.01 0.05	32.69 -2.35 0.00	32.92 -3.37 5.58	35.13 -4.84 18.20	38.08 -3.74 9.78	45.64 -3.83 3.15	40.19 -4.52 13.58	41.56 -4.28 9.62	44.13 -3.01 0.00	48.09 -2.30 0.00
BLUESTONE___WT_PWR 323821	38.14 1.14 -0.21	38.46 1.06 -0.20	43.36 1.45 -0.15	40.31 0.79 -2.94	38.27 0.78 -0.11	39.95 1.17 -0.23	56.07 1.76 -2.27	57.58 2.28 -0.61	65.68 2.40 -0.48	42.28 1.55 -0.35	43.21 1.53 -0.08	44.59 1.52 0.00	42.92 1.56 0.00	38.57 1.35 -0.05	35.30 1.15 -0.01	36.15 1.11 0.00	46.37 1.51 -2.99	67.64 2.10 -7.36	56.69 1.38 -3.71	54.70 1.11 -0.96	65.33 1.19 -5.87	62.49 1.25 -5.77	48.18 1.04 0.00	52.06 1.66 0.00
BLUE_CIRC_CHEM_DRP 24182	37.27 0.48 0.00	37.72 0.53 0.00	42.31 0.55 0.00	37.10 0.53 0.00	37.87 0.49 0.00	38.98 0.43 0.00	52.69 0.65 0.00	55.62 0.93 0.00	63.51 0.71 0.00	40.77 0.39 0.00	41.96 0.36 0.00	43.56 0.49 0.00	41.71 0.35 0.00	37.61 0.43 0.00	34.68 0.54 0.00	35.59 0.55 0.00	42.64 0.77 0.00	59.08 0.90 0.00	52.28 0.67 0.00	53.29 0.67 0.00	59.19 0.91 0.00	56.33 0.87 0.00	47.67 0.53 0.00	50.91 0.51 0.00
BOC_GAS_DRP 24189	37.14 0.35 0.00	37.54 0.35 0.00	42.10 0.34 0.00	36.91 0.34 0.00	37.68 0.30 0.00	38.78 0.23 0.00	52.44 0.40 0.00	55.42 0.73 0.00	63.38 0.58 0.00	40.83 0.44 0.00	42.11 0.50 0.00	43.75 0.67 0.00	41.90 0.54 0.00	37.77 0.60 0.00	34.80 0.66 0.00	35.68 0.64 0.00	42.59 0.72 0.00	58.86 0.68 0.00	52.05 0.44 0.00	53.05 0.44 0.00	58.91 0.63 0.00	56.10 0.64 0.00	47.53 0.39 0.00	50.78 0.38 0.00
BOONVILLE_115KV_TB1 79983	37.87 1.08 0.00	38.38 1.18 0.00	43.14 1.38 0.00	37.78 1.21 0.00	38.65 1.27 0.00	39.94 1.39 0.00	54.07 2.03 0.00	56.70 2.01 0.00	64.53 1.73 0.00	40.97 0.59 0.00	42.07 0.47 0.00	43.59 0.51 0.00	41.80 0.44 0.00	37.46 0.28 0.00	34.35 0.20 0.00	35.21 0.17 0.00	42.25 0.38 0.00	59.53 1.36 0.00	53.19 1.58 0.00	54.29 1.67 0.00	60.09 1.81 0.00	57.24 1.78 0.00	48.73 1.59 0.00	52.07 1.67 0.00
BORALEX_4TH_BRANCH 23824	38.03 1.25 0.00	38.52 1.32 0.00	42.98 1.21 0.00	37.61 1.04 0.00	38.35 0.97 0.00	39.54 0.99 0.00	53.39 1.35 0.00	56.41 1.72 0.00	64.07 1.27 0.00	41.06 0.68 0.00	42.29 0.68 0.00	43.93 0.86 0.00	41.65 0.29 0.00	37.61 0.44 0.00	34.95 0.81 0.00	35.94 0.90 0.00	43.32 1.45 0.00	59.98 1.80 0.00	52.90 1.29 0.00	54.10 1.48 0.00	60.60 2.31 0.00	57.66 2.19 0.00	48.05 0.91 0.00	51.01 0.61 0.00
BOWLINE___1 23526	38.17 1.38 0.00	38.38 1.19 0.00	42.95 1.19 0.00	37.60 1.03 0.00	38.44 1.06 0.00	39.76 1.20 0.00	53.91 1.88 0.00	57.36 2.67 0.00	65.58 2.78 0.00	42.59 2.21 0.00	44.14 2.54 0.00	46.25 3.18 0.00	44.47 3.11 0.00	40.02 2.85 0.00	36.77 2.62 0.00	37.56 2.52 0.00	44.45 2.58 0.00	60.94 2.77 0.00	53.79 2.18 0.00	54.70 2.08 0.00	60.39 2.11 0.00	57.59 2.12 0.00	49.39 2.25 0.00	52.94 2.54 0.00
BOWLINE___2 23595	38.17 1.38 0.00	38.37 1.18 0.00	42.95 1.18 0.00	37.60 1.03 0.00	38.43 1.05 0.00	39.75 1.20 0.00	53.90 1.86 0.00	57.35 2.66 0.00	65.58 2.78 0.00	42.57 2.19 0.00	44.13 2.52 0.00	46.25 3.18 0.00	44.45 3.09 0.00	40.01 2.84 0.00	36.77 2.62 0.00	37.56 2.52 0.00	44.43 2.56 0.00	60.92 2.75 0.00	53.76 2.15 0.00	54.68 2.06 0.00	60.37 2.09 0.00	57.57 2.11 0.00	49.38 2.24 0.00	52.92 2.52 0.00
BRADY___115KV_TB2 356060	38.23 1.44 0.00	38.73 1.54 0.00	43.51 1.75 0.00	38.10 1.53 0.00	38.95 1.58 0.00	40.22 1.66 0.00	54.17 2.13 0.00	56.21 1.52 0.00	65.14 2.34 0.00	41.44 1.06 0.00	42.59 0.98 0.00	43.92 0.85 0.00	42.31 0.95 0.00	38.01 0.83 0.00	34.79 0.65 0.00	35.79 0.75 0.00	42.65 0.78 0.00	59.85 1.67 0.00	53.53 1.92 0.00	54.68 2.06 0.00	60.57 2.29 0.00	57.74 2.28 0.00	49.20 2.06 0.00	52.51 2.11 0.00
BRANSCOMB___SOLAR 323811	38.04 1.25 0.00	38.49 1.29 0.00	43.06 1.29 0.00	37.74 1.17 0.00	38.61 1.23 0.00	39.83 1.27 0.00	53.98 1.95 0.00	56.90 2.21 0.00	64.70 1.90 0.00	41.27 0.88 0.00	42.30 0.70 0.00	43.86 0.79 0.00	41.85 0.49 0.00	37.71 0.53 0.00	34.88 0.73 0.00	35.86 0.82 0.00	43.30 1.43 0.00	60.39 2.21 0.00	53.45 1.85 0.00	54.54 1.92 0.00	60.60 2.31 0.00	57.61 2.14 0.00	48.42 1.28 0.00	51.61 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	38.67 1.89 0.00	38.53 1.33 0.00	43.04 1.27 0.00	37.45 0.88 0.00	37.96 0.58 0.00	37.63 0.07 1.00	35.87 0.73 16.89	42.28 1.43 13.85	40.89 1.76 23.67	40.63 1.48 1.24	42.20 2.29 1.70	52.30 3.20 -6.03	52.17 3.08 -7.74	52.14 2.76 -12.20	47.19 2.47 -10.58	37.18 2.14 0.00	43.92 2.05 0.00	60.56 2.38 0.00	52.83 1.22 0.00	54.03 1.41 0.00	59.73 1.45 0.00	56.81 1.34 0.00	48.96 1.82 0.00	52.94 2.61 0.07

BRENTWOD_69_KV_W. BRTWOOD 56703	38.66 1.87 0.00	38.83 1.64 0.00	43.33 1.56 0.00	37.86 1.29 0.00	38.65 1.27 0.00	38.53 0.93 0.96	37.31 1.53 16.25	43.79 2.42 13.32	42.62 2.59 22.77	41.51 2.32 1.19	43.46 3.16 1.30	53.38 3.98 -6.33	53.30 3.84 -8.09	53.40 3.52 -12.71	48.38 3.23 -11.00	37.86 2.82 0.00	44.66 2.79 0.00	61.51 3.33 0.00	54.09 2.48 0.00	55.07 2.45 0.00	60.83 2.55 0.00	57.89 2.42 0.00	49.93 2.79 0.00	53.94 3.59 0.05
BRISTLHL_115KV_TB1 79998	35.98 -0.81 0.00	36.34 -0.86 0.00	40.85 -0.92 0.00	35.73 -0.85 0.00	36.56 -0.82 0.00	37.78 -0.77 0.00	50.99 -1.04 0.00	53.80 -0.90 0.00	61.55 -1.25 0.00	39.48 -0.90 0.00	40.58 -1.03 0.00	41.94 -1.14 0.00	40.25 -1.10 0.00	36.13 -1.05 0.00	33.16 -0.98 0.00	34.00 -1.04 0.00	40.73 -1.15 0.00	56.77 -1.40 0.00	50.46 -1.14 0.00	51.47 -1.15 0.00	56.94 -1.34 0.00	54.14 -1.33 0.00	46.05 -1.09 0.00	49.22 -1.18 0.00
BROOKHAVEN___DRP 24191	38.26 1.47 0.00	38.35 1.16 0.00	42.78 1.02 0.00	37.38 0.81 0.00	38.10 0.72 0.00	37.84 0.28 1.00	36.08 0.95 16.91	42.41 1.58 13.86	40.97 1.87 23.69	40.86 1.72 1.24	42.38 2.48 1.71	52.45 3.37 -6.02	52.33 3.24 -7.73	52.33 2.97 -12.19	47.42 2.71 -10.56	37.38 2.33 0.00	44.07 2.20 0.00	60.67 2.50 0.00	52.98 1.37 0.00	54.19 1.57 0.00	59.95 1.66 0.00	57.06 1.60 0.00	49.27 2.13 0.00	53.29 2.96 0.07
BROOKLYN_NAVY_YARD 23515	38.33 1.54 0.00	38.48 1.29 0.00	43.02 1.26 0.00	37.70 1.13 0.00	38.52 1.14 0.00	39.88 1.32 0.00	54.15 2.12 0.00	57.76 3.07 0.00	66.08 3.28 0.00	43.05 2.67 0.00	44.68 3.07 0.00	46.81 3.74 0.00	45.03 3.67 0.00	40.51 3.34 0.00	37.26 3.12 0.00	38.03 2.99 0.00	44.95 3.07 0.00	61.63 3.45 0.00	54.31 2.70 0.00	55.24 2.62 0.00	60.93 2.65 0.00	58.11 2.64 0.00	49.88 2.73 0.00	53.49 3.09 0.00
BROOKLYN___ARMY_DRP 323595	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
BROOME_2_LFGE 323671	37.09 0.05 -0.26	37.37 -0.07 -0.24	41.96 0.02 -0.18	36.66 -0.08 -0.17	37.53 0.02 -0.13	38.94 0.11 -0.28	52.67 0.09 -0.54	56.02 0.53 -0.79	63.74 0.32 -0.62	41.12 0.29 -0.45	41.92 0.22 -0.10	43.28 0.20 0.00	41.61 0.25 0.00	37.29 0.05 -0.06	34.23 0.08 0.00	35.02 -0.02 0.00	40.87 -0.15 0.84	53.03 -0.32 4.83	48.16 -0.24 3.21	51.63 -0.21 0.78	53.40 -0.37 4.51	52.13 -0.35 2.98	47.10 -0.04 0.00	50.62 0.22 0.00
BROOME___LFGE 323600	37.09 0.05 -0.26	37.37 -0.07 -0.24	41.96 0.02 -0.18	36.66 -0.08 -0.17	37.53 0.02 -0.13	38.94 0.11 -0.28	52.67 0.09 -0.54	56.02 0.53 -0.79	63.74 0.32 -0.62	41.12 0.29 -0.45	41.92 0.22 -0.10	43.28 0.20 0.00	41.61 0.25 0.00	37.29 0.05 -0.06	34.23 0.08 0.00	35.02 -0.02 0.00	40.87 -0.15 0.84	53.03 -0.32 4.83	48.16 -0.24 3.21	51.63 -0.21 0.78	53.40 -0.37 4.51	52.13 -0.35 2.98	47.10 -0.04 0.00	50.62 0.22 0.00
BROWNFLS_115KV_TB 3_5 80003	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.10 1.53 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.47 1.67 0.00	40.79 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.07 1.46 0.00	60.04 1.75 0.00	57.59 2.13 0.00	49.21 2.07 0.00	52.57 2.18 0.00
BROWNSV1_27_KV_LOAD 356125	38.76 1.97 0.00	38.92 1.73 0.00	43.50 1.73 0.00	38.10 1.52 0.00	38.93 1.55 0.00	40.30 1.75 0.00	54.78 2.75 0.00	58.40 3.71 0.00	66.86 4.06 0.00	43.55 3.17 0.00	45.17 3.56 0.00	47.33 4.26 0.00	45.52 4.17 0.00	40.96 3.79 0.00	37.67 3.53 0.00	38.43 3.39 0.00	45.45 3.58 0.00	62.35 4.17 0.00	54.93 3.32 0.00	55.88 3.26 0.00	61.61 3.33 0.00	58.73 3.27 0.00	50.37 3.23 0.00	53.94 3.54 0.00
BURROWS___LYONSDAL 23803	37.92 1.13 0.00	38.47 1.27 0.00	43.27 1.50 0.00	37.86 1.29 0.00	38.73 1.35 0.00	40.01 1.46 0.00	54.13 2.10 0.00	56.68 1.99 0.00	64.45 1.65 0.00	40.83 0.44 0.00	41.93 0.33 0.00	43.45 0.38 0.00	41.68 0.32 0.00	37.32 0.14 0.00	34.21 0.06 0.00	35.04 0.00 0.00	42.02 0.14 0.00	59.37 1.19 0.00	53.16 1.55 0.00	54.30 1.68 0.00	60.12 1.83 0.00	57.30 1.84 0.00	48.83 1.69 0.00	52.18 1.79 0.00
CAITHNESS_CC_1 323624	38.18 1.39 0.00	38.28 1.09 0.00	42.72 0.95 0.00	37.33 0.76 0.00	38.04 0.66 0.00	37.80 0.24 1.00	35.95 0.84 16.92	42.32 1.50 13.87	40.82 1.73 23.71	40.79 1.65 1.24	42.33 2.44 1.72	52.38 3.30 -6.01	52.25 3.18 -7.72	52.26 2.91 -12.18	47.36 2.66 -10.55	37.33 2.29 0.00	44.00 2.13 0.00	60.57 2.39 0.00	52.94 1.33 0.00	54.09 1.47 0.00	59.84 1.56 0.00	56.97 1.50 0.00	49.20 2.06 0.00	53.21 2.88 0.07
CALPINE BETH_PAGE_GT4 24209	38.39 1.60 -0.01	38.53 1.34 0.00	43.02 1.25 0.00	37.60 1.03 0.00	38.40 1.02 0.00	38.60 0.78 0.73	41.22 1.37 12.18	47.54 2.28 9.43	48.93 2.40 16.27	41.67 2.14 0.86	46.11 2.92 -1.59	55.37 3.70 -8.59	55.76 3.62 -10.78	56.94 3.30 -16.46	51.39 3.02 -14.23	37.68 2.63 0.00	44.57 2.70 0.00	61.25 3.07 0.00	53.95 2.34 0.00	54.82 2.20 0.00	60.55 2.27 0.00	57.68 2.21 0.00	49.73 2.58 0.00	53.75 3.24 -0.11
CALPINE_BETH_PAGE_GT_4 323586	38.39 1.59 -0.01	38.53 1.33 0.00	43.01 1.25 0.00	37.61 1.04 0.00	38.40 1.02 0.00	38.59 0.77 0.73	41.21 1.35 12.18	47.51 2.25 9.43	48.90 2.36 16.27	41.66 2.14 0.86	46.11 2.92 -1.59	55.36 3.70 -8.59	55.75 3.62 -10.78	56.94 3.30 -16.46	51.38 3.01 -14.23	37.67 2.63 0.00	44.57 2.70 0.00	61.25 3.07 0.00	53.95 2.34 0.00	54.82 2.20 0.00	60.54 2.26 0.00	57.67 2.21 0.00	49.73 2.58 0.00	53.74 3.24 -0.11
CALPINE_BP_GT1 23823	38.39 1.59 -0.01	38.53 1.33 0.00	43.01 1.25 0.00	37.61 1.04 0.00	38.40 1.02 0.00	38.59 0.77 0.73	41.21 1.35 12.18	47.51 2.25 9.43	48.90 2.36 16.27	41.66 2.14 0.86	46.11 2.92 -1.59	55.36 3.70 -8.59	55.75 3.62 -10.78	56.94 3.30 -16.46	51.38 3.01 -14.23	37.67 2.63 0.00	44.57 2.70 0.00	61.25 3.07 0.00	53.95 2.34 0.00	54.82 2.20 0.00	60.54 2.26 0.00	57.67 2.21 0.00	49.73 2.58 0.00	53.74 3.24 -0.11
CALSPAN___DRP 24200	35.20 -1.59 0.00	35.47 -1.72 0.00	40.22 -1.54 0.00	30.00 -1.47 5.11	35.98 -1.40 0.00	37.32 -1.24 0.00	45.63 -3.07 3.34	51.64 -3.05 0.00	59.51 -3.29 0.00	38.68 -1.70 0.00	39.87 -1.73 0.00	40.38 -2.70 0.00	39.03 -2.32 0.00	34.62 -2.56 0.00	31.56 -2.53 0.06	32.15 -2.89 0.00	33.32 -3.97 4.59	36.20 -5.61 16.37	39.08 -4.54 7.99	45.47 -4.48 2.66	39.72 -5.42 13.14	41.49 -4.87 9.11	43.79 -3.35 0.00	48.09 -2.31 0.00

CALVERTON___SOLAR 323806	38.32 1.53 0.00	38.40 1.20 0.00	42.85 1.08 0.00	37.44 0.87 0.00	38.14 0.76 0.00	37.87 0.31 1.00	36.11 0.98 16.90	42.47 1.63 13.86	41.01 1.90 23.69	40.86 1.72 1.24	42.41 2.51 1.71	52.50 3.41 -6.02	52.37 3.28 -7.73	52.36 2.99 -12.20	47.44 2.73 -10.57	37.40 2.36 0.00	44.13 2.25 0.00	60.75 2.57 0.00	53.03 1.42 0.00	54.24 1.63 0.00	60.01 1.73 0.00	57.13 1.67 0.00	49.32 2.18 0.00	53.33 3.00 0.07
CANDIGU_WT_PWR 323617	35.98 -1.57 -0.76	35.92 -2.02 -0.74	40.23 -2.07 -0.54	26.08 -2.04 8.45	36.02 -1.76 -0.40	37.96 -1.43 -0.83	45.19 -2.57 4.28	54.45 -2.21 -1.98	61.57 -2.77 -1.54	39.79 -1.71 -1.12	39.75 -2.10 -0.24	40.45 -2.63 0.00	38.98 -2.37 0.00	34.75 -2.57 -0.15	31.67 -2.20 0.28	32.50 -2.54 0.00	30.06 -3.48 8.33	25.83 -4.56 27.79	34.90 -3.62 13.09	42.71 -3.70 6.21	26.57 -4.56 27.16	35.01 -4.32 16.13	44.26 -2.88 0.00	48.16 -2.24 0.00
CARR STREET_E_SYR 24060	36.17 -0.62 0.00	36.53 -0.67 0.00	41.05 -0.71 0.00	35.92 -0.65 0.00	36.76 -0.63 0.00	37.99 -0.57 0.00	51.31 -0.73 0.00	54.14 -0.55 0.00	61.95 -0.86 0.00	39.76 -0.62 0.00	40.87 -0.74 0.00	42.25 -0.83 0.00	40.58 -0.78 0.00	36.42 -0.75 0.00	33.43 -0.71 0.00	34.27 -0.77 0.00	41.04 -0.84 0.00	57.13 -1.04 0.00	50.75 -0.86 0.00	51.73 -0.89 0.00	57.22 -1.06 0.00	54.43 -1.04 0.00	46.31 -0.84 0.00	49.54 -0.86 0.00
CARTHAGE___PAPER 23857	38.46 1.67 0.00	39.10 1.90 0.00	43.99 2.23 0.00	38.46 1.89 0.00	39.36 1.98 0.00	40.67 2.11 0.00	54.94 2.91 0.00	57.28 2.59 0.00	64.84 2.04 0.00	40.65 0.27 0.00	41.58 -0.02 0.00	42.99 -0.08 0.00	41.25 -0.11 0.00	36.88 -0.29 0.00	33.73 -0.41 0.00	34.55 -0.49 0.00	41.44 -0.44 0.00	59.42 1.24 0.00	53.76 2.15 0.00	55.06 2.44 0.00	60.96 2.68 0.00	58.19 2.72 0.00	49.64 2.50 0.00	53.04 2.64 0.00
CASSADAGA_WT_PWR 323784	33.64 -2.17 0.97	33.95 -2.31 0.94	38.97 -2.11 0.69	28.63 -1.98 5.96	35.19 -1.69 0.51	36.22 -1.27 1.06	43.69 -2.88 5.46	49.89 -2.40 2.40	58.24 -2.69 1.87	37.83 -1.21 1.35	40.26 -1.06 0.29	41.32 -1.75 0.00	39.79 -1.57 0.00	35.10 -1.89 0.19	32.32 -1.77 0.05	33.03 -2.01 0.00	33.29 -3.12 5.46	35.65 -4.67 17.85	38.05 -4.01 9.55	44.98 -4.56 3.08	39.68 -5.29 13.31	41.18 -4.87 9.42	43.89 -3.25 0.00	48.32 -2.08 0.00
CE_DUNWOOD___DRP 24194	38.28 1.49 0.00	38.49 1.29 0.00	43.05 1.29 0.00	37.68 1.11 0.00	38.52 1.14 0.00	39.82 1.27 0.00	54.03 2.00 0.00	57.52 2.83 0.00	65.78 2.99 0.00	42.77 2.39 0.00	44.36 2.75 0.00	46.45 3.38 0.00	44.65 3.30 0.00	40.20 3.03 0.00	36.95 2.80 0.00	37.73 2.69 0.00	44.66 2.78 0.00	61.25 3.07 0.00	54.02 2.41 0.00	54.94 2.31 0.00	60.63 2.34 0.00	57.80 2.33 0.00	49.54 2.40 0.00	53.07 2.67 0.00
CE_MILLWOOD___DRP 24193	38.23 1.44 0.00	38.43 1.24 0.00	43.00 1.23 0.00	37.65 1.08 0.00	38.49 1.11 0.00	39.78 1.23 0.00	53.98 1.94 0.00	57.44 2.75 0.00	65.71 2.91 0.00	42.70 2.32 0.00	44.27 2.67 0.00	46.37 3.30 0.00	44.57 3.21 0.00	40.11 2.94 0.00	36.87 2.73 0.00	37.66 2.62 0.00	44.58 2.71 0.00	61.15 2.97 0.00	53.94 2.33 0.00	54.85 2.23 0.00	60.55 2.27 0.00	57.72 2.26 0.00	49.47 2.33 0.00	53.01 2.61 0.00
CE_NYC2_DRP 24202	38.27 1.48 0.00	38.46 1.26 0.00	42.95 1.19 0.00	37.66 1.09 0.00	38.47 1.09 0.00	39.89 1.34 0.00	54.13 2.09 0.00	57.67 2.98 0.00	66.02 3.22 0.00	43.08 2.69 0.00	44.65 3.04 0.00	46.81 3.74 0.00	44.96 3.61 0.00	40.47 3.30 0.00	37.23 3.09 0.00	38.01 2.97 0.00	44.87 3.00 0.00	61.48 3.30 0.00	54.07 2.46 0.00	55.08 2.46 0.00	60.69 2.40 0.00	57.99 2.53 0.00	49.81 2.67 0.00	53.23 2.83 0.00
CE_NYC_DRP 24195	38.49 1.70 0.00	38.65 1.46 0.00	43.21 1.44 0.00	37.84 1.27 0.00	38.67 1.29 0.00	40.02 1.47 0.00	54.36 2.33 0.00	57.96 3.27 0.00	66.34 3.54 0.00	43.22 2.84 0.00	44.85 3.24 0.00	46.99 3.92 0.00	45.19 3.83 0.00	40.66 3.49 0.00	37.40 3.25 0.00	38.17 3.13 0.00	45.13 3.26 0.00	61.89 3.71 0.00	54.51 2.90 0.00	55.43 2.81 0.00	61.12 2.84 0.00	58.27 2.80 0.00	49.98 2.83 0.00	53.54 3.13 0.00
CHAFFEE___LFGE 323603	34.46 -1.44 0.89	34.76 -1.59 0.85	39.71 -1.43 0.63	29.33 -1.38 5.86	35.64 -1.28 0.46	36.48 -1.11 0.97	43.98 -2.80 5.25	49.79 -2.73 2.18	58.20 -2.91 1.70	37.64 -1.52 1.23	39.73 -1.61 0.26	40.56 -2.51 0.00	39.21 -2.15 0.00	34.59 -2.42 0.17	31.71 -2.38 0.06	32.30 -2.74 0.00	32.71 -3.78 5.39	35.23 -5.28 17.67	37.94 -4.28 9.38	45.40 -4.15 3.08	39.87 -5.05 13.36	41.49 -4.61 9.36	44.04 -3.11 0.00	48.31 -2.09 0.00
CHATEAUG_35_KV_LOAD 355732	37.43 0.64 0.00	37.92 0.73 0.00	42.55 0.78 0.00	37.25 0.68 0.00	38.00 0.62 0.00	39.14 0.58 0.00	52.43 0.39 0.00	54.39 -0.30 0.00	63.00 0.20 0.00	40.53 0.14 0.00	41.75 0.14 0.00	43.10 0.03 0.00	41.54 0.18 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.24 0.20 0.00	41.99 0.12 0.00	58.61 0.43 0.00	52.21 0.60 0.00	53.19 0.56 0.00	58.90 0.61 0.00	55.95 0.48 0.00	47.69 0.55 0.00	51.02 0.63 0.00
CHATEAUG_WT_PWR 323614	37.33 0.54 0.00	37.81 0.61 0.00	42.42 0.66 0.00	37.15 0.58 0.00	37.88 0.50 0.00	39.00 0.45 0.00	52.23 0.20 0.00	54.21 -0.48 0.00	62.76 -0.05 0.00	40.48 0.09 0.00	41.69 0.09 0.00	43.07 0.00 0.00	41.49 0.13 0.00	37.32 0.15 0.00	34.21 0.06 0.00	35.21 0.17 0.00	41.95 0.08 0.00	58.44 0.27 0.00	51.97 0.36 0.00	52.94 0.32 0.00	58.62 0.34 0.00	55.75 0.28 0.00	47.55 0.41 0.00	50.89 0.49 0.00
CHAT_HIGH_FALL_HYD 323578	37.43 0.64 0.00	37.92 0.73 0.00	42.55 0.78 0.00	37.25 0.68 0.00	38.00 0.62 0.00	39.14 0.58 0.00	52.43 0.39 0.00	54.39 -0.30 0.00	63.00 0.20 0.00	40.53 0.14 0.00	41.75 0.14 0.00	43.10 0.03 0.00	41.54 0.18 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.24 0.20 0.00	41.99 0.12 0.00	58.61 0.43 0.00	52.21 0.60 0.00	53.19 0.56 0.00	58.90 0.61 0.00	55.95 0.48 0.00	47.69 0.55 0.00	51.02 0.63 0.00
CHAUTAUQUA___LFGE 323629	33.99 -1.89 0.91	34.27 -2.06 0.87	39.29 -1.84 0.64	28.94 -1.83 5.81	35.32 -1.59 0.47	36.30 -1.27 0.99	43.84 -2.95 5.25	49.80 -2.66 2.23	58.03 -3.04 1.74	37.67 -1.46 1.26	39.91 -1.42 0.27	40.94 -2.13 0.00	39.52 -1.83 0.00	34.87 -2.14 0.17	32.08 -2.01 0.05	32.71 -2.33 0.00	33.06 -3.48 5.33	35.54 -5.13 17.50	38.01 -4.30 9.30	45.13 -4.46 3.02	39.82 -5.32 13.14	41.37 -4.85 9.24	43.95 -3.19 0.00	48.29 -2.11 0.00
CHERRYST_13_KV_LD 356241	38.56 1.77 0.00	38.73 1.54 0.00	43.29 1.53 0.00	37.92 1.34 0.00	38.75 1.37 0.00	40.11 1.56 0.00	54.50 2.46 0.00	58.12 3.43 0.00	66.55 3.75 0.00	43.36 2.98 0.00	44.99 3.39 0.00	47.15 4.08 0.00	45.34 3.99 0.00	40.79 3.62 0.00	37.52 3.37 0.00	38.29 3.25 0.00	45.28 3.41 0.00	62.07 3.90 0.00	54.67 3.06 0.00	55.57 2.95 0.00	61.28 2.99 0.00	58.40 2.94 0.00	50.08 2.94 0.00	53.63 3.24 0.00

CHESTROR_138KV_BK263 355645	38.14 1.35 0.00	38.38 1.19 0.00	42.97 1.20 0.00	37.61 1.05 0.00	38.46 1.08 0.00	39.76 1.20 0.00	53.89 1.85 0.00	57.30 2.61 0.00	65.50 2.70 0.00	42.45 2.06 0.00	43.92 2.31 0.00	45.96 2.89 0.00	44.16 2.81 0.00	39.76 2.59 0.00	36.54 2.39 0.00	37.35 2.31 0.00	44.28 2.41 0.00	60.79 2.62 0.00	53.70 2.09 0.00	54.65 2.03 0.00	60.34 2.06 0.00	57.54 2.08 0.00	49.29 2.14 0.00	52.81 2.41 0.00
CH_MIDHUDSON___DRP 24192	38.20 1.41 0.00	38.45 1.26 0.00	43.05 1.29 0.00	37.70 1.13 0.00	38.52 1.14 0.00	39.81 1.25 0.00	53.98 1.95 0.00	57.38 2.69 0.00	65.63 2.83 0.00	42.54 2.15 0.00	44.00 2.40 0.00	46.00 2.93 0.00	44.18 2.83 0.00	39.79 2.62 0.00	36.60 2.45 0.00	37.43 2.39 0.00	44.39 2.51 0.00	61.04 2.86 0.00	53.88 2.27 0.00	54.84 2.22 0.00	60.59 2.30 0.00	57.74 2.27 0.00	49.35 2.20 0.00	52.82 2.42 0.00
CH_MISC_IPPS 23765	38.45 1.66 0.00	38.68 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.15 0.00	66.13 3.33 0.00	42.87 2.48 0.00	44.32 2.72 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.84 2.70 0.00	37.67 2.63 0.00	44.72 2.84 0.00	61.47 3.30 0.00	54.31 2.70 0.00	55.25 2.63 0.00	61.02 2.74 0.00	58.12 2.66 0.00	49.72 2.58 0.00	53.22 2.83 0.00
CH_RES_BVR_FALLS 23983	36.88 0.09 0.00	37.35 0.15 0.00	41.93 0.17 0.00	36.72 0.15 0.00	37.52 0.14 0.00	38.67 0.12 0.00	52.11 0.08 0.00	54.58 -0.11 0.00	62.80 0.00 0.00	40.42 0.04 0.00	41.68 0.07 0.00	43.11 0.04 0.00	41.45 0.10 0.00	37.24 0.06 0.00	34.15 0.01 0.00	35.09 0.04 0.00	41.88 0.01 0.00	58.27 0.09 0.00	51.73 0.12 0.00	52.75 0.13 0.00	58.42 0.13 0.00	55.59 0.12 0.00	47.31 0.16 0.00	50.53 0.13 0.00
CH_RES_NIAGARA 23895	34.61 -2.18 0.00	34.96 -2.24 0.00	39.67 -2.10 0.00	30.14 -1.89 4.54	35.50 -1.89 0.00	36.69 -1.87 0.00	44.68 -4.39 2.97	49.90 -4.79 0.00	57.36 -5.44 0.00	37.55 -2.83 0.00	38.87 -2.73 0.00	39.22 -3.85 0.00	37.94 -3.42 0.00	33.65 -3.52 0.00	30.56 -3.53 0.05	31.08 -3.96 0.00	32.55 -5.25 4.08	35.96 -7.43 14.79	38.27 -6.21 7.13	43.96 -6.35 2.32	39.45 -7.16 11.67	40.95 -6.38 8.13	42.65 -4.49 0.00	47.12 -3.28 0.00
CH_RES_SYRACUSE 23985	36.41 -0.38 0.00	36.78 -0.41 0.00	41.35 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.45 -0.62 0.00	40.79 -0.57 0.00	36.60 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.11 -0.50 0.00	52.12 -0.50 0.00	57.64 -0.64 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
CLINTON_WT_PWR 323605	37.33 0.54 0.00	37.81 0.61 0.00	42.42 0.66 0.00	37.15 0.58 0.00	37.88 0.50 0.00	39.00 0.45 0.00	52.23 0.20 0.00	54.21 -0.48 0.00	62.76 -0.05 0.00	40.48 0.09 0.00	41.69 0.09 0.00	43.07 0.00 0.00	41.49 0.13 0.00	37.32 0.15 0.00	34.21 0.06 0.00	35.21 0.17 0.00	41.95 0.08 0.00	58.44 0.27 0.00	51.97 0.36 0.00	52.94 0.32 0.00	58.62 0.34 0.00	55.75 0.28 0.00	47.55 0.41 0.00	50.89 0.49 0.00
CLINTON___LFGE 323618	37.71 0.92 0.00	38.19 0.99 0.00	42.83 1.06 0.00	37.48 0.91 0.00	38.18 0.80 0.00	39.28 0.73 0.00	52.48 0.44 0.00	54.44 -0.25 0.00	62.97 0.17 0.00	40.66 0.28 0.00	41.99 0.39 0.00	43.30 0.23 0.00	41.64 0.28 0.00	37.44 0.26 0.00	34.32 0.18 0.00	35.32 0.28 0.00	42.07 0.20 0.00	58.70 0.52 0.00	52.29 0.68 0.00	53.31 0.69 0.00	59.02 0.74 0.00	56.14 0.68 0.00	48.02 0.88 0.00	51.41 1.01 0.00
COBBLENY_34_KV_TB1 80064	35.32 -1.47 0.00	35.58 -1.62 0.00	40.33 -1.44 0.00	29.91 -1.39 5.27	36.09 -1.29 0.00	37.44 -1.12 0.00	45.77 -2.82 3.44	51.95 -2.74 0.00	59.83 -2.97 0.00	38.85 -1.53 0.00	40.02 -1.58 0.00	40.56 -2.51 0.00	39.20 -2.15 0.00	34.76 -2.41 0.00	31.71 -2.39 0.06	32.29 -2.75 0.00	33.42 -3.76 4.69	36.12 -5.28 16.77	39.16 -4.23 8.23	45.80 -4.15 2.68	39.90 -5.03 13.36	41.58 -4.53 9.36	44.03 -3.11 0.00	48.31 -2.09 0.00
COFFEEN___115KV_TB3 355620	38.50 1.71 0.00	39.11 1.92 0.00	44.02 2.26 0.00	38.47 1.90 0.00	39.40 2.02 0.00	40.75 2.19 0.00	55.16 3.12 0.00	57.57 2.88 0.00	64.94 2.14 0.00	40.55 0.17 0.00	41.29 -0.32 0.00	42.61 -0.46 0.00	40.87 -0.49 0.00	36.54 -0.63 0.00	33.41 -0.73 0.00	34.18 -0.85 0.00	41.10 -0.77 0.00	59.41 1.23 0.00	54.02 2.41 0.00	55.34 2.73 0.00	61.25 2.97 0.00	58.34 2.87 0.00	49.71 2.57 0.00	53.11 2.71 0.00
COLDSPRG_115KV_BK1 355956	35.67 -1.12 0.00	35.86 -1.34 0.00	40.66 -1.11 0.00	29.97 -1.11 5.48	36.54 -0.83 0.00	38.12 -0.43 0.00	46.90 -1.55 3.58	53.74 -0.95 0.00	61.67 -1.13 0.00	40.08 -0.30 0.00	41.36 -0.24 0.00	42.23 -0.84 0.00	40.68 -0.67 0.00	36.03 -1.14 0.00	33.00 -1.10 0.05	33.65 -1.39 0.00	34.76 -2.30 4.81	37.47 -3.41 17.30	40.44 -2.63 8.53	47.02 -2.92 2.67	41.12 -3.57 13.60	42.52 -3.24 9.70	45.14 -2.00 0.00	49.45 -0.95 0.00
COLONIE_LFGE___ 323577	37.64 0.85 0.00	38.08 0.88 0.00	42.60 0.83 0.00	37.34 0.77 0.00	38.12 0.74 0.00	39.31 0.76 0.00	53.16 1.13 0.00	56.14 1.45 0.00	64.01 1.21 0.00	41.05 0.67 0.00	42.21 0.60 0.00	43.81 0.74 0.00	41.77 0.41 0.00	37.69 0.51 0.00	34.85 0.71 0.00	35.79 0.75 0.00	43.02 1.15 0.00	59.65 1.48 0.00	52.75 1.14 0.00	53.84 1.22 0.00	59.93 1.65 0.00	57.01 1.54 0.00	47.92 0.78 0.00	51.07 0.67 0.00
COOPERNY_115KV_TB1 80082	37.85 1.06 0.00	38.14 0.95 0.00	42.77 1.01 0.00	37.44 0.87 0.00	38.28 0.90 0.00	39.52 0.96 0.00	53.51 1.48 0.00	56.77 2.08 0.00	64.88 2.08 0.00	41.97 1.58 0.00	43.36 1.76 0.00	45.24 2.16 0.00	43.44 2.09 0.00	39.05 1.88 0.00	35.89 1.75 0.00	36.72 1.68 0.00	43.64 1.77 0.00	60.11 1.93 0.00	53.13 1.52 0.00	54.09 1.48 0.00	59.82 1.54 0.00	57.04 1.58 0.00	48.76 1.62 0.00	52.25 1.85 0.00
COPENHAGEN_WT_PWR 323753	38.01 1.22 0.00	38.67 1.47 0.00	43.54 1.78 0.00	38.04 1.47 0.00	38.93 1.55 0.00	40.21 1.66 0.00	54.33 2.29 0.00	56.56 1.87 0.00	63.73 0.93 0.00	40.05 -0.34 0.00	41.08 -0.52 0.00	42.49 -0.58 0.00	40.74 -0.62 0.00	36.40 -0.78 0.00	33.27 -0.88 0.00	34.00 -1.04 0.00	40.81 -1.06 0.00	58.62 0.44 0.00	53.07 1.46 0.00	54.42 1.80 0.00	60.25 1.96 0.00	57.45 1.98 0.00	49.03 1.89 0.00	52.44 2.04 0.00
CORNELL_____ 23752	37.33 0.54 0.00	37.66 0.46 0.00	42.37 0.60 0.00	54.61 0.42 -17.62	37.92 0.54 0.00	39.26 0.71 0.00	64.58 1.03 -11.51	56.12 1.43 0.00	64.08 1.28 0.00	41.00 0.61 0.00	41.83 0.22 0.00	43.08 0.00 0.00	41.35 0.00 0.00	37.14 -0.04 0.00	34.03 -0.13 -0.02	34.89 -0.15 0.00	61.00 0.05 -19.07	116.45 0.57 -57.71	84.23 0.83 -31.79	61.72 0.86 -8.23	107.92 0.80 -48.83	98.36 0.72 -42.18	47.82 0.67 0.00	51.25 0.85 0.00

CORONA_69_KV_TB1 355595	38.64 1.82 -0.04	38.77 1.57 0.00	43.29 1.53 0.00	37.83 1.26 0.00	38.63 1.25 0.00	39.60 1.10 0.06	53.82 1.75 -0.04	57.36 2.66 0.00	65.51 2.66 -0.05	42.65 2.26 0.00	55.67 3.08 -10.98	61.96 3.82 -15.06	63.27 3.72 -18.19	66.74 3.39 -26.18	59.76 3.12 -22.50	37.80 2.76 0.00	44.67 2.79 0.00	61.38 3.20 0.00	54.13 2.52 0.00	55.09 2.47 0.00	60.94 2.66 0.00	58.03 2.56 0.00	49.97 2.81 -0.02	54.51 3.34 -0.77
CORTLAND_115KV_TB3 80093	37.02 0.23 0.00	37.38 0.18 0.00	42.03 0.26 0.00	41.75 0.18 -4.99	37.65 0.27 0.00	38.93 0.38 0.00	55.89 0.59 -3.26	55.61 0.92 0.00	63.52 0.72 0.00	40.70 0.32 0.00	41.71 0.10 0.00	43.11 0.04 0.00	41.39 0.04 0.00	37.15 -0.02 0.00	34.10 -0.05 -0.01	34.96 -0.08 0.00	47.75 0.04 -5.83	74.88 0.32 -16.38	60.85 0.45 -8.79	55.35 0.44 -2.29	73.76 0.41 -15.07	70.18 0.36 -14.35	47.50 0.36 0.00	50.84 0.45 0.00
COXSACKIE___GT 23611	38.28 1.49 0.00	38.69 1.50 0.00	43.37 1.61 0.00	38.09 1.52 0.00	38.89 1.51 0.00	40.15 1.59 0.00	54.54 2.51 0.00	57.86 3.17 0.00	65.94 3.14 0.00	41.76 1.38 0.00	42.41 0.80 0.00	43.74 0.67 0.00	41.83 0.47 0.00	37.71 0.53 0.00	34.86 0.72 0.00	35.81 0.77 0.00	43.22 1.34 0.00	60.76 2.58 0.00	54.32 2.72 0.00	55.36 2.74 0.00	61.38 3.10 0.00	58.19 2.73 0.00	49.01 1.86 0.00	52.15 1.75 0.00
CPV_VALLEY___CC1 323721	38.10 1.31 0.00	38.33 1.13 0.00	42.91 1.15 0.00	37.57 0.99 0.00	38.40 1.02 0.00	39.69 1.14 0.00	53.81 1.77 0.00	57.21 2.52 0.00	65.40 2.60 0.00	42.45 2.06 0.00	43.96 2.35 0.00	46.00 2.93 0.00	44.20 2.85 0.00	39.79 2.62 0.00	36.57 2.42 0.00	37.37 2.33 0.00	44.27 2.40 0.00	60.75 2.57 0.00	53.64 2.03 0.00	54.56 1.94 0.00	60.27 1.99 0.00	57.45 1.99 0.00	49.24 2.10 0.00	52.77 2.37 0.00
CPV_VALLEY___CC2 323722	38.10 1.31 0.00	38.33 1.13 0.00	42.91 1.15 0.00	37.57 0.99 0.00	38.40 1.02 0.00	39.69 1.14 0.00	53.81 1.77 0.00	57.21 2.52 0.00	65.40 2.60 0.00	42.45 2.06 0.00	43.96 2.35 0.00	46.00 2.93 0.00	44.20 2.85 0.00	39.79 2.62 0.00	36.57 2.42 0.00	37.37 2.33 0.00	44.27 2.40 0.00	60.75 2.57 0.00	53.64 2.03 0.00	54.56 1.94 0.00	60.27 1.99 0.00	57.45 1.99 0.00	49.24 2.10 0.00	52.77 2.37 0.00
CRESCENT___HYD 24018	37.64 0.85 0.00	38.08 0.88 0.00	42.60 0.83 0.00	37.34 0.77 0.00	38.12 0.74 0.00	39.31 0.76 0.00	53.16 1.13 0.00	56.14 1.45 0.00	64.01 1.21 0.00	41.05 0.67 0.00	42.21 0.60 0.00	43.81 0.74 0.00	41.77 0.41 0.00	37.69 0.51 0.00	34.85 0.71 0.00	35.79 0.75 0.00	43.02 1.15 0.00	59.65 1.48 0.00	52.75 1.14 0.00	53.84 1.22 0.00	59.93 1.65 0.00	57.01 1.54 0.00	47.92 0.78 0.00	51.07 0.67 0.00
CRICKET___VALLEY_CC1 323756	37.70 0.91 0.00	37.94 0.74 0.00	42.48 0.71 0.00	37.19 0.62 0.00	38.00 0.62 0.00	39.26 0.70 0.00	53.20 1.17 0.00	56.57 1.88 0.00	64.69 1.89 0.00	42.02 1.64 0.00	43.53 1.93 0.00	45.53 2.46 0.00	43.74 2.38 0.00	39.38 2.21 0.00	36.22 2.08 0.00	37.02 1.98 0.00	43.88 2.00 0.00	60.23 2.06 0.00	53.14 1.54 0.00	54.07 1.45 0.00	59.73 1.44 0.00	56.93 1.46 0.00	48.73 1.59 0.00	52.17 1.78 0.00
CRICKET___VALLEY_CC2 323757	37.70 0.91 0.00	37.94 0.74 0.00	42.48 0.71 0.00	37.19 0.62 0.00	38.00 0.62 0.00	39.26 0.70 0.00	53.20 1.17 0.00	56.57 1.88 0.00	64.69 1.89 0.00	42.02 1.64 0.00	43.53 1.93 0.00	45.53 2.46 0.00	43.74 2.38 0.00	39.38 2.21 0.00	36.22 2.08 0.00	37.02 1.98 0.00	43.88 2.00 0.00	60.23 2.06 0.00	53.14 1.54 0.00	54.07 1.45 0.00	59.73 1.44 0.00	56.93 1.46 0.00	48.73 1.59 0.00	52.17 1.78 0.00
CRICKET___VALLEY_CC3 323758	37.70 0.91 0.00	37.94 0.74 0.00	42.48 0.71 0.00	37.19 0.62 0.00	38.00 0.62 0.00	39.26 0.70 0.00	53.20 1.17 0.00	56.57 1.88 0.00	64.69 1.89 0.00	42.02 1.64 0.00	43.53 1.93 0.00	45.53 2.46 0.00	43.74 2.38 0.00	39.38 2.21 0.00	36.22 2.08 0.00	37.02 1.98 0.00	43.88 2.00 0.00	60.23 2.06 0.00	53.14 1.54 0.00	54.07 1.45 0.00	59.73 1.44 0.00	56.93 1.46 0.00	48.73 1.59 0.00	52.17 1.78 0.00
CRUCIBLE_METL_DRP 24180	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
DAHOWA___HYDRO 323763	38.16 1.37 0.00	38.61 1.41 0.00	43.19 1.42 0.00	37.85 1.28 0.00	38.74 1.36 0.00	39.97 1.42 0.00	54.20 2.17 0.00	57.09 2.40 0.00	64.88 2.08 0.00	41.35 0.97 0.00	42.37 0.76 0.00	43.94 0.86 0.00	41.89 0.53 0.00	37.74 0.57 0.00	34.92 0.78 0.00	35.93 0.89 0.00	43.42 1.55 0.00	60.62 2.44 0.00	53.66 2.05 0.00	54.73 2.11 0.00	60.80 2.52 0.00	57.80 2.34 0.00	48.57 1.43 0.00	51.73 1.33 0.00
DANC___LFGE 323619	37.25 0.46 0.00	37.80 0.60 0.00	42.52 0.75 0.00	37.17 0.60 0.00	38.04 0.66 0.00	39.31 0.75 0.00	53.06 1.03 0.00	55.52 0.82 0.00	62.93 0.13 0.00	39.84 -0.55 0.00	40.86 -0.75 0.00	42.23 -0.84 0.00	40.52 -0.83 0.00	36.28 -0.89 0.00	33.21 -0.94 0.00	33.98 -1.06 0.00	40.73 -1.14 0.00	57.89 -0.29 0.00	52.08 0.48 0.00	53.30 0.68 0.00	59.03 0.75 0.00	56.23 0.77 0.00	47.91 0.77 0.00	51.23 0.83 0.00
DANSKAMMER___1 23586	38.45 1.66 0.00	38.68 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.15 0.00	66.13 3.33 0.00	42.87 2.48 0.00	44.32 2.72 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.84 2.70 0.00	37.67 2.63 0.00	44.72 2.84 0.00	61.47 3.30 0.00	54.31 2.70 0.00	55.25 2.63 0.00	61.02 2.74 0.00	58.12 2.66 0.00	49.72 2.58 0.00	53.22 2.83 0.00
DANSKAMMER___2 23589	38.45 1.66 0.00	38.68 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.15 0.00	66.13 3.33 0.00	42.87 2.48 0.00	44.32 2.72 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.84 2.70 0.00	37.67 2.63 0.00	44.72 2.84 0.00	61.47 3.30 0.00	54.31 2.70 0.00	55.25 2.63 0.00	61.02 2.74 0.00	58.12 2.66 0.00	49.72 2.58 0.00	53.22 2.83 0.00
DANSKAMMER___3 23590	38.45 1.66 0.00	38.68 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.15 0.00	66.13 3.33 0.00	42.87 2.48 0.00	44.32 2.72 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.84 2.70 0.00	37.67 2.63 0.00	44.72 2.84 0.00	61.47 3.30 0.00	54.31 2.70 0.00	55.25 2.63 0.00	61.02 2.74 0.00	58.12 2.66 0.00	49.72 2.58 0.00	53.22 2.83 0.00

DANSKAMMER___4 23591	38.45 1.66 0.00	38.68 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.15 0.00	66.13 3.33 0.00	42.87 2.48 0.00	44.32 2.72 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.84 2.70 0.00	37.67 2.63 0.00	44.72 2.84 0.00	61.47 3.30 0.00	54.31 2.70 0.00	55.25 2.63 0.00	61.02 2.74 0.00	58.12 2.66 0.00	49.72 2.58 0.00	53.22 2.83 0.00
DANSKAMMER___DIESEL 23592	38.46 1.67 0.00	38.69 1.49 0.00	43.32 1.56 0.00	37.93 1.36 0.00	38.77 1.39 0.00	40.08 1.53 0.00	54.40 2.37 0.00	57.85 3.16 0.00	66.14 3.34 0.00	42.87 2.48 0.00	44.32 2.71 0.00	46.33 3.26 0.00	44.52 3.16 0.00	40.06 2.89 0.00	36.85 2.70 0.00	37.68 2.64 0.00	44.72 2.85 0.00	61.48 3.31 0.00	54.30 2.69 0.00	55.25 2.63 0.00	61.02 2.73 0.00	58.14 2.67 0.00	49.72 2.58 0.00	53.23 2.83 0.00
DARBY___SOLAR 323810	38.04 1.25 0.00	38.48 1.29 0.00	43.06 1.29 0.00	37.73 1.16 0.00	38.61 1.23 0.00	39.84 1.28 0.00	54.00 1.97 0.00	56.90 2.21 0.00	64.68 1.88 0.00	41.24 0.86 0.00	42.27 0.66 0.00	43.82 0.75 0.00	41.80 0.44 0.00	37.69 0.52 0.00	34.87 0.72 0.00	35.86 0.81 0.00	43.29 1.42 0.00	60.38 2.21 0.00	53.45 1.84 0.00	54.52 1.90 0.00	60.58 2.29 0.00	57.59 2.12 0.00	48.42 1.28 0.00	51.59 1.19 0.00
DASHVILLE___HYD 23610	37.95 1.16 0.00	38.25 1.06 0.00	42.88 1.11 0.00	37.55 0.98 0.00	38.38 1.00 0.00	39.59 1.04 0.00	53.67 1.64 0.00	57.00 2.31 0.00	65.20 2.40 0.00	42.16 1.78 0.00	43.50 1.89 0.00	45.36 2.29 0.00	43.54 2.18 0.00	39.17 1.99 0.00	36.06 1.91 0.00	36.87 1.83 0.00	43.85 1.98 0.00	60.43 2.25 0.00	53.43 1.82 0.00	54.42 1.79 0.00	60.20 1.92 0.00	57.38 1.92 0.00	48.93 1.79 0.00	52.34 1.94 0.00
DELAWARE___LFGE 323621	37.64 0.85 0.00	38.03 0.83 0.00	42.75 0.99 0.00	38.26 0.83 -0.85	38.24 0.86 0.00	39.42 0.86 0.00	53.86 1.26 -0.56	56.38 1.69 0.00	64.49 1.69 0.00	41.59 1.21 0.00	42.95 1.34 0.00	44.61 1.54 0.00	42.79 1.43 0.00	38.46 1.28 0.00	35.31 1.17 0.00	36.19 1.15 0.00	44.25 1.36 -1.01	61.24 1.59 -1.48	52.74 1.13 0.00	53.70 1.08 0.00	60.48 1.16 -1.03	58.31 1.17 -1.68	48.25 1.11 0.00	51.71 1.30 0.00
DERFIELD_115KV_TB7 355931	36.86 0.07 0.00	37.27 0.07 0.00	41.85 0.08 0.00	36.64 0.07 0.00	37.46 0.08 0.00	38.63 0.08 0.00	52.18 0.14 0.00	54.97 0.28 0.00	62.92 0.11 0.00	40.42 0.04 0.00	41.66 0.06 0.00	43.17 0.10 0.00	41.42 0.06 0.00	37.25 0.07 0.00	34.24 0.09 0.00	35.11 0.07 0.00	42.00 0.12 0.00	58.34 0.17 0.00	51.74 0.13 0.00	52.73 0.10 0.00	58.41 0.12 0.00	55.59 0.12 0.00	47.23 0.09 0.00	50.49 0.09 0.00
DOGLEVILLE___HYD 23807	38.56 1.78 0.00	39.05 1.85 0.00	43.87 2.11 0.00	38.38 1.81 0.00	39.31 1.93 0.00	40.49 1.94 0.00	54.84 2.81 0.00	58.13 3.44 0.00	65.54 2.74 0.00	41.16 0.77 0.00	41.79 0.18 0.00	43.42 0.35 0.00	41.65 0.29 0.00	37.33 0.16 0.00	34.44 0.29 0.00	35.47 0.43 0.00	43.08 1.21 0.00	61.04 2.87 0.00	54.59 2.98 0.00	55.46 2.84 0.00	61.33 3.05 0.00	58.30 2.83 0.00	49.25 2.11 0.00	52.53 2.13 0.00
DUNKIRK__115KV_TB_200 55889	34.92 -1.87 0.00	35.15 -2.04 0.00	39.94 -1.82 0.00	29.57 -1.81 5.19	35.80 -1.58 0.00	37.27 -1.28 0.00	45.67 -2.98 3.39	51.98 -2.71 0.00	59.66 -3.14 0.00	38.89 -1.49 0.00	40.18 -1.43 0.00	40.91 -2.16 0.00	39.49 -1.86 0.00	35.02 -2.16 0.00	32.06 -2.03 0.05	32.68 -2.36 0.00	33.75 -3.51 4.61	36.47 -5.16 16.55	39.22 -4.28 8.10	45.57 -4.44 2.61	39.84 -5.32 13.12	41.43 -4.81 9.22	43.97 -3.18 0.00	48.29 -2.11 0.00
DUNKIRK___1 23563	34.92 -1.87 0.00	35.15 -2.04 0.00	39.94 -1.82 0.00	29.57 -1.81 5.19	35.80 -1.58 0.00	37.27 -1.28 0.00	45.67 -2.98 3.39	51.98 -2.71 0.00	59.66 -3.14 0.00	38.89 -1.49 0.00	40.18 -1.43 0.00	40.91 -2.16 0.00	39.49 -1.86 0.00	35.02 -2.16 0.00	32.06 -2.03 0.05	32.68 -2.36 0.00	33.75 -3.51 4.61	36.47 -5.16 16.55	39.22 -4.28 8.10	45.57 -4.44 2.61	39.84 -5.32 13.12	41.43 -4.81 9.22	43.97 -3.18 0.00	48.29 -2.11 0.00
DUNKIRK___2 23564	34.92 -1.87 0.00	35.15 -2.04 0.00	39.94 -1.82 0.00	29.57 -1.81 5.19	35.80 -1.58 0.00	37.27 -1.28 0.00	45.67 -2.98 3.39	51.98 -2.71 0.00	59.66 -3.14 0.00	38.89 -1.49 0.00	40.18 -1.43 0.00	40.91 -2.16 0.00	39.49 -1.86 0.00	35.02 -2.16 0.00	32.06 -2.03 0.05	32.68 -2.36 0.00	33.75 -3.51 4.61	36.47 -5.16 16.55	39.22 -4.28 8.10	45.57 -4.44 2.61	39.84 -5.32 13.12	41.43 -4.81 9.22	43.97 -3.18 0.00	48.29 -2.11 0.00
DUNKIRK___3 23565	34.99 -1.80 0.00	35.23 -1.97 0.00	39.99 -1.77 0.00	29.69 -1.74 5.15	35.83 -1.56 0.00	37.26 -1.30 0.00	45.65 -3.02 3.36	51.86 -2.83 0.00	59.55 -3.25 0.00	38.80 -1.59 0.00	40.07 -1.54 0.00	40.78 -2.29 0.00	39.38 -1.98 0.00	34.92 -2.26 0.00	31.96 -2.14 0.05	32.56 -2.48 0.00	33.70 -3.61 4.57	36.47 -5.27 16.44	39.24 -4.33 8.04	45.61 -4.42 2.59	39.97 -5.30 13.01	41.53 -4.78 9.15	43.94 -3.20 0.00	48.23 -2.16 0.00
DUNKIRK___4 23566	34.99 -1.80 0.00	35.23 -1.97 0.00	39.99 -1.77 0.00	29.69 -1.74 5.15	35.83 -1.56 0.00	37.26 -1.30 0.00	45.65 -3.02 3.36	51.86 -2.83 0.00	59.55 -3.25 0.00	38.80 -1.59 0.00	40.07 -1.54 0.00	40.78 -2.29 0.00	39.38 -1.98 0.00	34.92 -2.26 0.00	31.96 -2.14 0.05	32.56 -2.48 0.00	33.70 -3.61 4.57	36.47 -5.27 16.44	39.24 -4.33 8.04	45.61 -4.42 2.59	39.97 -5.30 13.01	41.53 -4.78 9.15	43.94 -3.20 0.00	48.23 -2.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.36 1.57 0.00	38.56 1.37 0.00	43.14 1.37 0.00	37.76 1.19 0.00	38.59 1.21 0.00	39.90 1.35 0.00	54.14 2.11 0.00	57.66 2.97 0.00	65.97 3.16 0.00	42.92 2.54 0.00	44.51 2.91 0.00	46.63 3.56 0.00	44.84 3.49 0.00	40.36 3.19 0.00	37.12 2.97 0.00	37.89 2.85 0.00	44.84 2.96 0.00	61.50 3.33 0.00	54.19 2.59 0.00	55.07 2.45 0.00	60.78 2.50 0.00	57.92 2.45 0.00	49.66 2.52 0.00	53.17 2.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.31 1.52 0.00	38.53 1.34 0.00	43.16 1.39 0.00	37.78 1.21 0.00	38.62 1.24 0.00	39.92 1.37 0.00	54.16 2.12 0.00	57.58 2.89 0.00	65.83 3.03 0.00	42.68 2.29 0.00	44.13 2.52 0.00	46.16 3.09 0.00	44.34 2.99 0.00	39.91 2.73 0.00	36.69 2.54 0.00	37.51 2.47 0.00	44.48 2.61 0.00	61.13 2.95 0.00	54.00 2.39 0.00	54.95 2.33 0.00	60.68 2.40 0.00	57.84 2.38 0.00	49.52 2.38 0.00	53.04 2.64 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.26 1.47 0.00	38.47 1.27 0.00	42.98 1.22 0.00	37.67 1.11 0.00	38.50 1.12 0.00	39.92 1.36 0.00	54.18 2.15 0.00	57.77 3.08 0.00	66.07 3.27 0.00	42.98 2.59 0.00	44.53 2.93 0.00	46.71 3.64 0.00	44.85 3.49 0.00	40.35 3.18 0.00	37.13 2.98 0.00	37.90 2.86 0.00	44.72 2.85 0.00	61.32 3.14 0.00	53.96 2.35 0.00	55.14 2.52 0.00	60.81 2.52 0.00	58.17 2.70 0.00	49.95 2.80 0.00	53.37 2.98 0.00

E179THST_13_KV_LOAD 356214	38.40 1.62 0.00	38.60 1.41 0.00	43.13 1.36 0.00	37.80 1.23 0.00	38.63 1.25 0.00	40.07 1.52 0.00	54.39 2.36 0.00	58.02 3.33 0.00	66.37 3.57 0.00	43.18 2.79 0.00	44.73 3.12 0.00	46.92 3.85 0.00	45.05 3.70 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.07 3.03 0.00	44.92 3.05 0.00	61.60 3.43 0.00	54.22 2.61 0.00	55.40 2.79 0.00	61.08 2.79 0.00	58.41 2.95 0.00	50.15 3.01 0.00	53.59 3.19 0.00
EAST HAMPTON___GT 23717	38.57 1.79 0.00	38.21 1.02 0.00	42.75 0.99 0.00	37.06 0.49 0.00	37.36 -0.02 0.00	36.94 -0.62 1.00	34.91 -0.24 16.89	41.34 0.50 13.85	39.84 0.72 23.67	39.88 0.73 1.24	41.42 1.52 1.70	51.49 2.39 -6.03	51.38 2.29 -7.74	51.41 2.03 -12.20	46.52 1.80 -10.58	36.51 1.47 0.00	43.15 1.28 0.00	59.54 1.36 0.00	51.95 0.34 0.00	53.10 0.48 0.00	58.69 0.40 0.00	55.79 0.32 0.00	48.03 0.89 0.00	51.95 1.62 0.07
EAST RIVER___6 23660	38.39 1.60 0.00	38.55 1.36 0.00	43.10 1.33 0.00	37.74 1.17 0.00	38.56 1.18 0.00	39.93 1.38 0.00	54.25 2.22 0.00	57.86 3.16 0.00	66.24 3.44 0.00	43.17 2.79 0.00	44.81 3.20 0.00	46.95 3.88 0.00	45.15 3.79 0.00	40.63 3.45 0.00	37.37 3.22 0.00	38.14 3.10 0.00	45.10 3.22 0.00	61.84 3.66 0.00	54.46 2.86 0.00	55.35 2.74 0.00	61.05 2.77 0.00	58.17 2.71 0.00	49.88 2.73 0.00	53.43 3.03 0.00
EAST RIVER___7 23524	38.39 1.60 0.00	38.55 1.36 0.00	43.10 1.33 0.00	37.74 1.17 0.00	38.56 1.18 0.00	39.93 1.38 0.00	54.25 2.22 0.00	57.86 3.16 0.00	66.24 3.44 0.00	43.17 2.79 0.00	44.81 3.20 0.00	46.95 3.88 0.00	45.15 3.79 0.00	40.63 3.45 0.00	37.37 3.22 0.00	38.14 3.10 0.00	45.10 3.22 0.00	61.84 3.66 0.00	54.46 2.86 0.00	55.35 2.74 0.00	61.05 2.77 0.00	58.17 2.71 0.00	49.88 2.73 0.00	53.43 3.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.28 1.49 0.00	38.49 1.29 0.00	43.05 1.29 0.00	37.68 1.11 0.00	38.52 1.14 0.00	39.82 1.27 0.00	54.03 2.00 0.00	57.52 2.83 0.00	65.78 2.99 0.00	42.77 2.39 0.00	44.36 2.75 0.00	46.45 3.38 0.00	44.65 3.30 0.00	40.20 3.03 0.00	36.95 2.80 0.00	37.73 2.69 0.00	44.66 2.78 0.00	61.25 3.07 0.00	54.02 2.41 0.00	54.94 2.31 0.00	60.63 2.34 0.00	57.80 2.33 0.00	49.54 2.40 0.00	53.07 2.67 0.00
EAST_HAMPTON___DIESEL 23722	38.53 1.74 0.00	38.14 0.95 0.00	42.68 0.91 0.00	36.98 0.41 0.00	37.24 -0.14 0.00	36.81 -0.75 1.00	34.74 -0.41 16.89	41.17 0.33 13.85	39.75 0.60 23.67	41.28 1.38 1.24	51.33 2.23 1.70	51.24 2.15 -6.03	51.28 1.90 -7.74	46.40 1.68 -12.20	36.39 1.35 -10.58	43.01 1.14 0.00	59.35 1.17 0.00	51.78 0.17 0.00	52.91 0.29 0.00	58.50 0.22 0.00	55.61 0.14 0.00	47.86 0.72 0.00	51.78 1.45 0.07	
EAST_POINT___SOLAR 323840	38.04 1.25 0.00	38.49 1.30 0.00	43.30 1.53 0.00	37.90 1.33 0.00	38.81 1.43 0.00	40.13 1.57 0.00	54.44 2.41 0.00	57.44 2.75 0.00	64.77 1.97 0.00	39.98 -0.40 0.00	41.67 0.06 0.00	42.56 -0.51 0.00	41.02 -0.34 0.00	36.94 -0.23 0.00	33.61 -0.54 0.00	34.39 -0.65 0.00	41.92 0.05 0.00	59.72 1.54 0.00	53.99 2.38 0.00	54.96 2.34 0.00	60.63 2.34 0.00	57.66 2.20 0.00	48.94 1.79 0.00	52.18 1.79 0.00
EAST_PULASKI___ESR 323781	36.53 -0.26 0.00	36.96 -0.23 0.00	41.56 -0.21 0.00	36.34 -0.23 0.00	37.19 -0.18 0.00	38.43 -0.12 0.00	51.87 -0.16 0.00	54.55 -0.14 0.00	62.17 -0.63 0.00	39.66 -0.72 0.00	40.66 -0.94 0.00	42.02 -1.05 0.00	40.33 -1.02 0.00	36.17 -1.00 0.00	33.17 -0.98 0.00	33.99 -1.05 0.00	40.70 -1.18 0.00	57.24 -0.94 0.00	51.15 -0.46 0.00	52.25 -0.37 0.00	57.89 -0.39 0.00	55.06 -0.41 0.00	46.86 -0.28 0.00	50.08 -0.32 0.00
EAST_RIVER___1 323558	38.48 1.69 0.00	38.64 1.45 0.00	43.21 1.44 0.00	37.84 1.27 0.00	38.66 1.28 0.00	40.02 1.47 0.00	54.36 2.32 0.00	57.96 3.27 0.00	66.34 3.54 0.00	43.22 2.84 0.00	44.85 3.25 0.00	46.99 3.91 0.00	45.18 3.83 0.00	40.66 3.49 0.00	37.40 3.26 0.00	38.17 3.13 0.00	45.13 3.26 0.00	61.89 3.71 0.00	54.51 2.90 0.00	55.42 2.80 0.00	61.12 2.84 0.00	58.26 2.79 0.00	49.98 2.83 0.00	53.53 3.14 0.00
EAST_RIVER___2 323559	38.39 1.60 0.00	38.55 1.36 0.00	43.10 1.33 0.00	37.74 1.17 0.00	38.56 1.18 0.00	39.93 1.38 0.00	54.25 2.22 0.00	57.86 3.16 0.00	66.24 3.44 0.00	43.17 2.79 0.00	44.81 3.20 0.00	46.95 3.88 0.00	45.15 3.79 0.00	40.63 3.45 0.00	37.37 3.22 0.00	38.14 3.10 0.00	45.10 3.22 0.00	61.84 3.66 0.00	54.46 2.86 0.00	55.35 2.74 0.00	61.05 2.77 0.00	58.17 2.71 0.00	49.88 2.73 0.00	53.43 3.03 0.00
EAST___DELAWARE_HYD 23607	37.81 1.02 0.00	38.05 0.86 0.00	42.65 0.88 0.00	37.34 0.77 0.00	38.19 0.81 0.00	39.48 0.93 0.00	53.61 1.58 0.00	57.00 2.31 0.00	65.08 2.28 0.00	41.98 1.60 0.00	43.26 1.65 0.00	45.08 2.00 0.00	43.11 1.76 0.00	37.97 0.80 0.00	34.97 0.83 0.00	35.76 0.71 0.00	42.63 0.76 0.00	58.81 0.64 0.00	52.09 0.48 0.00	53.02 0.40 0.00	58.78 0.50 0.00	57.21 1.75 0.00	48.86 1.71 0.00	52.28 1.88 0.00
EIGHT_POINT___WT_PWR 323820	35.92 -1.49 -0.62	35.74 -2.05 -0.60	40.13 -2.07 -0.44	23.04 -2.01 11.53	36.04 -1.66 -0.32	38.12 -1.11 -0.68	43.37 -2.14 6.52	54.56 -1.75 -1.61	61.93 -2.13 -1.26	39.84 -1.46 -0.91	39.89 -1.91 -0.20	40.44 -2.63 0.00	38.81 -2.55 0.00	34.59 -2.71 -0.13	32.00 -2.35 -0.20	32.31 -2.73 0.00	28.84 -3.61 9.43	18.72 -4.39 35.07	29.21 -3.38 19.02	46.46 -3.55 2.61	30.13 -4.61 23.53	28.07 -4.47 22.93	44.22 -2.92 0.00	48.00 -2.39 0.00
ELBRIDGE_115KV_TB2 80188	36.21 -0.58 0.00	36.59 -0.60 0.00	41.14 -0.62 0.00	35.93 -0.64 0.00	36.79 -0.59 0.00	38.03 -0.53 0.00	51.34 -0.69 0.00	54.19 -0.50 0.00	61.97 -0.83 0.00	39.76 -0.62 0.00	40.88 -0.73 0.00	42.24 -0.83 0.00	40.58 -0.78 0.00	36.42 -0.75 0.00	33.38 -0.77 0.00	34.27 -0.78 0.00	41.02 -0.85 0.00	57.16 -1.02 0.00	50.80 -0.80 0.00	51.80 -0.82 0.00	57.30 -0.99 0.00	54.49 -0.98 0.00	46.33 -0.82 0.00	49.61 -0.79 0.00
ELEC_TRO_TEK 24086	38.40 1.60 -0.02	38.55 1.35 0.00	43.06 1.30 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.24 0.92 0.23	50.56 1.53 3.01	54.92 2.43 2.21	61.56 2.57 3.81	42.40 2.22 0.20	50.89 2.94 -6.34	59.49 3.67 -12.74	60.74 3.57 -15.81	64.18 3.27 -23.74	57.63 3.00 -20.48	37.70 2.66 0.00	44.56 2.69 0.00	61.20 3.02 0.00	53.88 2.27 0.00	54.85 2.23 0.00	60.61 2.32 0.00	57.73 2.27 0.00	49.71 2.56 -0.01	53.76 3.06 -0.31
ELLENBURG_WT_PWR 323604	37.33 0.54 0.00	37.81 0.61 0.00	42.42 0.66 0.00	37.15 0.58 0.00	37.88 0.50 0.00	39.00 0.45 0.00	52.23 0.20 0.00	54.21 -0.48 0.00	62.76 -0.05 0.00	40.48 0.09 0.00	41.69 0.09 0.00	43.07 0.00 0.00	41.49 0.13 0.00	37.32 0.15 0.00	34.21 0.06 0.00	35.21 0.17 0.00	41.95 0.08 0.00	58.44 0.27 0.00	51.97 0.36 0.00	52.94 0.32 0.00	58.62 0.34 0.00	55.75 0.28 0.00	47.55 0.41 0.00	50.89 0.49 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.05 -1.73 0.00	35.35 -1.85 0.00	40.09 -1.67 0.00	30.17 -1.56 4.84	35.89 -1.49 0.00	37.17 -1.38 0.00	45.54 -3.33 3.16	51.32 -3.37 0.00	59.14 -3.66 0.00	38.49 -1.89 0.00	39.74 -1.86 0.00	40.24 -2.84 0.00	38.89 -2.46 0.00	34.50 -2.67 0.00	31.43 -2.67 0.05	32.00 -3.04 0.00	33.38 -4.15 4.34	36.61 -5.91 15.66	39.19 -4.83 7.59	45.32 -4.82 2.48	40.12 -5.75 12.42	41.65 -5.16 8.65	43.56 -3.59 0.00	47.90 -2.50 0.00
EMPIRE_CC_1 323656	37.00 0.21 0.00	37.49 0.30 0.00	41.94 0.17 0.00	36.85 0.28 0.00	37.54 0.16 0.00	38.62 0.06 0.00	52.18 0.14 0.00	55.09 0.40 0.00	62.87 0.07 0.00	40.46 0.08 0.00	41.68 0.07 0.00	43.31 0.24 0.00	41.29 -0.07 0.00	37.31 0.14 0.00	34.52 0.38 0.00	35.42 0.38 0.00	42.42 0.54 0.00	58.59 0.41 0.00	51.75 0.14 0.00	52.84 0.22 0.00	58.88 0.60 0.00	56.04 0.58 0.00	47.13 -0.01 0.00	50.22 -0.18 0.00
EMPIRE_CC_2 323658	37.00 0.21 0.00	37.49 0.30 0.00	41.94 0.17 0.00	36.85 0.28 0.00	37.54 0.16 0.00	38.62 0.06 0.00	52.18 0.14 0.00	55.09 0.40 0.00	62.87 0.07 0.00	40.46 0.08 0.00	41.68 0.07 0.00	43.31 0.24 0.00	41.29 -0.07 0.00	37.31 0.14 0.00	34.52 0.38 0.00	35.42 0.38 0.00	42.42 0.54 0.00	58.59 0.41 0.00	51.75 0.14 0.00	52.84 0.22 0.00	58.88 0.60 0.00	56.04 0.58 0.00	47.13 -0.01 0.00	50.22 -0.18 0.00
ENORWICH_115KV_TB1 80156	38.84 2.05 0.00	39.25 2.05 0.00	44.25 2.48 0.00	44.79 1.90 -6.31	39.45 2.07 0.00	41.02 2.47 0.00	59.74 3.58 -4.12	58.98 4.28 0.00	67.09 4.29 0.00	42.79 2.41 0.00	43.48 1.88 0.00	44.94 1.87 0.00	43.14 1.79 0.00	38.73 1.56 0.00	35.37 1.22 -0.01	36.24 1.20 0.00	50.65 2.06 -6.72	80.96 3.52 -19.27	65.11 3.29 -10.22	58.54 3.25 -2.68	78.07 3.36 -16.43	73.23 3.04 -14.72	49.71 2.57 0.00	53.38 2.98 0.00
ERIE_ST__34_KV_TB1-2 80199	35.31 -1.47 0.00	35.58 -1.61 0.00	40.32 -1.45 0.00	30.04 -1.40 5.14	36.08 -1.30 0.00	37.40 -1.16 0.00	45.84 -2.84 3.36	51.96 -2.73 0.00	59.91 -2.89 0.00	38.89 -1.50 0.00	40.10 -1.51 0.00	40.69 -2.39 0.00	39.34 -2.02 0.00	34.85 -2.33 0.00	31.80 -2.29 0.05	32.40 -2.64 0.00	33.68 -3.61 4.59	36.62 -5.15 16.41	39.48 -4.09 8.03	45.93 -4.07 2.62	40.34 -4.87 13.08	41.95 -4.36 9.15	44.08 -3.07 0.00	48.34 -2.06 0.00
ERIE_WT_PWR 323693	34.46 -1.57 0.76	34.77 -1.69 0.73	39.71 -1.52 0.54	29.49 -1.47 5.62	35.59 -1.39 0.40	36.51 -1.21 0.83	44.11 -3.03 4.89	49.82 -3.00 1.87	58.15 -3.19 1.46	37.65 -1.69 1.06	39.64 -1.74 0.23	40.37 -2.71 0.00	39.03 -2.33 0.00	34.46 -2.57 0.15	31.55 -2.54 0.06	32.14 -2.90 0.00	32.71 -3.98 5.19	35.44 -5.60 17.14	38.05 -4.58 8.99	45.17 -4.45 3.00	39.74 -5.40 13.14	41.43 -4.93 9.11	43.81 -3.34 0.00	48.09 -2.30 0.00
ESPRGFLD_115KV_TB1 80157	37.45 0.66 0.00	37.88 0.69 0.00	42.68 0.92 0.00	37.33 0.76 0.00	38.20 0.82 0.00	39.46 0.90 0.00	53.39 1.35 0.00	56.28 1.59 0.00	64.49 1.69 0.00	41.07 0.69 0.00	41.96 0.35 0.00	43.04 -0.03 0.00	41.49 0.13 0.00	37.40 0.23 0.00	34.07 -0.08 0.00	34.84 -0.21 0.00	41.62 -0.25 0.00	58.07 -0.10 0.00	52.83 1.23 0.00	53.76 1.14 0.00	59.27 0.98 0.00	56.38 0.91 0.00	48.11 0.97 0.00	51.57 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.26 0.47 0.00	37.61 0.42 0.00	42.32 0.55 0.00	51.13 0.39 -14.17	37.85 0.47 0.00	39.20 0.64 0.00	62.23 0.93 -9.26	56.00 1.32 0.00	63.97 1.17 0.00	40.94 0.55 0.00	41.80 0.19 0.00	43.08 0.01 0.00	41.36 0.00 0.00	37.14 -0.03 0.00	34.04 -0.12 -0.02	34.90 -0.14 0.00	57.42 0.05 -15.50	105.16 0.50 -46.48	77.86 0.74 -25.51	59.99 0.76 -6.61	98.72 0.71 -39.72	90.86 0.63 -34.77	47.74 0.60 0.00	51.14 0.74 0.00
ETNA____115KV_TB2 80207	37.26 0.47 0.00	37.61 0.42 0.00	42.32 0.55 0.00	51.13 0.39 -14.17	37.85 0.47 0.00	39.20 0.64 0.00	62.23 0.93 -9.26	56.00 1.32 0.00	63.97 1.17 0.00	40.94 0.55 0.00	41.80 0.19 0.00	43.08 0.01 0.00	41.36 0.00 0.00	37.14 -0.03 0.00	34.04 -0.12 -0.02	34.90 -0.14 0.00	57.42 0.05 -15.50	105.16 0.50 -46.48	77.86 0.74 -25.51	59.99 0.76 -6.61	98.72 0.71 -39.72	90.86 0.63 -34.77	47.74 0.60 0.00	51.14 0.74 0.00
EUCLID___115KV_TB2 356179	36.04 -0.76 0.00	36.40 -0.80 0.00	40.91 -0.86 0.00	35.80 -0.77 0.00	36.63 -0.75 0.00	37.84 -0.72 0.00	51.07 -0.97 0.00	53.86 -0.83 0.00	61.64 -1.16 0.00	39.58 -0.81 0.00	40.70 -0.90 0.00	42.07 -1.00 0.00	40.40 -0.95 0.00	36.27 -0.91 0.00	33.28 -0.86 0.00	34.12 -0.92 0.00	40.83 -1.05 0.00	56.84 -1.34 0.00	50.50 -1.11 0.00	51.48 -1.14 0.00	56.96 -1.32 0.00	54.17 -1.30 0.00	46.09 -1.05 0.00	49.32 -1.08 0.00
E_CANADA_CAP_HY 24051	37.26 0.48 0.00	37.74 0.55 0.00	42.48 0.72 0.00	37.20 0.63 0.00	38.07 0.69 0.00	39.32 0.77 0.00	53.17 1.13 0.00	55.94 1.25 0.00	63.96 1.15 0.00	40.55 0.16 0.00	41.90 0.29 0.00	42.98 -0.09 0.00	41.43 0.08 0.00	37.33 0.16 0.00	34.02 -0.12 0.00	34.79 -0.26 0.00	41.67 -0.20 0.00	58.34 0.16 0.00	52.68 1.07 0.00	53.59 0.97 0.00	59.07 0.79 0.00	56.26 0.80 0.00	47.88 0.74 0.00	51.18 0.78 0.00
E_CANADA_MHWK_HY 24050	38.56 1.78 0.00	39.04 1.85 0.00	43.87 2.10 0.00	38.38 1.81 0.00	39.31 1.93 0.00	40.50 1.94 0.00	54.84 2.81 0.00	58.13 3.44 0.00	65.54 2.74 0.00	41.16 0.77 0.00	41.79 0.18 0.00	43.42 0.35 0.00	41.65 0.29 0.00	37.33 0.16 0.00	34.44 0.30 0.00	35.47 0.43 0.00	43.08 1.21 0.00	61.04 2.86 0.00	54.58 2.98 0.00	55.47 2.85 0.00	61.33 3.05 0.00	58.30 2.83 0.00	49.25 2.11 0.00	52.53 2.13 0.00
E_FISHKILL___LBMP 23776	38.04 1.25 0.00	38.28 1.08 0.00	42.84 1.08 0.00	37.51 0.94 0.00	38.34 0.96 0.00	39.61 1.05 0.00	53.68 1.65 0.00	57.09 2.40 0.00	65.30 2.50 0.00	42.43 2.04 0.00	43.94 2.34 0.00	45.99 2.92 0.00	44.19 2.83 0.00	39.78 2.60 0.00	36.58 2.43 0.00	37.37 2.33 0.00	44.28 2.41 0.00	60.79 2.62 0.00	53.61 2.01 0.00	54.55 1.93 0.00	60.25 1.97 0.00	57.44 1.97 0.00	49.18 2.04 0.00	52.67 2.27 0.00
FALCON___SEABRD_CC1 323796	37.52 0.73 0.00	38.00 0.81 0.00	42.61 0.85 0.00	37.29 0.72 0.00	37.91 0.53 0.00	38.92 0.36 0.00	51.75 -0.29 0.00	53.55 -1.14 0.00	61.99 -0.81 0.00	40.31 -0.08 0.00	41.62 0.01 0.00	42.99 -0.08 0.00	41.34 -0.02 0.00	37.19 0.01 0.00	34.11 -0.03 0.00	35.12 0.08 0.00	41.71 -0.16 0.00	57.92 -0.26 0.00	51.48 -0.13 0.00	52.47 -0.15 0.00	58.12 -0.16 0.00	55.44 -0.02 0.00	47.63 0.49 0.00	51.09 0.68 0.00
FALCON___SEABRD_CC2 323797	37.52 0.73 0.00	38.00 0.81 0.00	42.61 0.85 0.00	37.29 0.72 0.00	37.91 0.53 0.00	38.92 0.36 0.00	51.75 -0.29 0.00	53.55 -1.14 0.00	61.99 -0.81 0.00	40.31 -0.08 0.00	41.62 0.01 0.00	42.99 -0.08 0.00	41.34 -0.02 0.00	37.19 0.01 0.00	34.11 -0.03 0.00	35.12 0.08 0.00	41.71 -0.16 0.00	57.92 -0.26 0.00	51.48 -0.13 0.00	52.47 -0.15 0.00	58.12 -0.16 0.00	55.44 -0.02 0.00	47.63 0.49 0.00	51.09 0.68 0.00

FAR ROCKAWAY___4 23548	39.01 2.18 -0.04	39.12 1.92 0.00	43.61 1.84 0.00	38.04 1.48 0.00	38.85 1.47 0.00	39.84 1.34 0.06	54.18 2.08 -0.06	57.81 3.12 0.00	65.56 2.71 -0.05	42.69 2.30 -0.01	55.78 3.15 -11.02	61.19 3.92 -14.20	62.21 3.82 -17.04	64.86 3.45 -24.24	58.11 3.15 -20.81	37.86 2.82 0.00	44.75 2.88 0.00	61.70 3.52 0.00	54.56 2.95 0.00	55.54 2.92 0.00	61.44 3.16 0.00	58.50 3.04 0.00	50.38 3.22 -0.02	55.00 3.78 -0.82
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.50 1.72 0.00	38.68 1.48 0.00	43.23 1.46 0.00	37.87 1.30 0.00	38.68 1.30 0.00	40.04 1.49 0.00	54.38 2.34 0.00	57.97 3.28 0.00	66.34 3.54 0.00	43.22 2.84 0.00	44.84 3.24 0.00	46.98 3.91 0.00	45.19 3.83 0.00	40.66 3.49 0.00	37.39 3.25 0.00	38.17 3.13 0.00	45.13 3.26 0.00	61.87 3.70 0.00	54.50 2.90 0.00	55.43 2.81 0.00	61.12 2.84 0.00	58.27 2.80 0.00	49.99 2.84 0.00	53.54 3.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.51 1.72 0.00	38.68 1.48 0.00	43.24 1.48 0.00	37.87 1.30 0.00	38.70 1.32 0.00	40.05 1.49 0.00	54.40 2.36 0.00	57.97 3.28 0.00	66.36 3.56 0.00	43.24 2.85 0.00	44.85 3.25 0.00	46.99 3.92 0.00	45.19 3.83 0.00	40.66 3.49 0.00	37.40 3.26 0.00	38.17 3.13 0.00	45.13 3.26 0.00	61.89 3.72 0.00	54.52 2.91 0.00	55.44 2.82 0.00	61.14 2.86 0.00	58.29 2.82 0.00	50.00 2.86 0.00	53.56 3.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.48 1.69 0.00	38.64 1.45 0.00	43.20 1.43 0.00	37.84 1.27 0.00	38.66 1.28 0.00	40.01 1.46 0.00	54.35 2.31 0.00	57.91 3.22 0.00	66.30 3.50 0.00	43.20 2.82 0.00	44.81 3.20 0.00	46.96 3.89 0.00	45.16 3.80 0.00	40.62 3.45 0.00	37.37 3.22 0.00	38.15 3.11 0.00	45.10 3.23 0.00	61.84 3.66 0.00	54.46 2.86 0.00	55.37 2.76 0.00	61.08 2.79 0.00	58.23 2.77 0.00	49.95 2.80 0.00	53.51 3.11 0.00
FARRAGUT___LBMP 323566	38.45 1.67 0.00	38.62 1.43 0.00	43.18 1.42 0.00	37.82 1.25 0.00	38.64 1.26 0.00	40.00 1.44 0.00	54.31 2.27 0.00	57.89 3.20 0.00	66.24 3.44 0.00	43.17 2.78 0.00	44.78 3.17 0.00	46.93 3.85 0.00	45.11 3.76 0.00	40.60 3.43 0.00	37.34 3.19 0.00	38.11 3.07 0.00	45.07 3.20 0.00	61.78 3.61 0.00	54.42 2.82 0.00	55.35 2.74 0.00	61.04 2.76 0.00	58.19 2.72 0.00	49.93 2.79 0.00	53.49 3.09 0.00
FENNER___WINDPWR 24204	37.40 0.61 0.00	37.87 0.68 0.00	42.57 0.80 0.00	40.15 0.70 -2.87	38.17 0.79 0.00	39.48 0.92 0.00	55.34 1.43 -1.87	56.37 1.68 0.00	64.27 1.47 0.00	41.01 0.63 0.00	42.04 0.44 0.00	43.46 0.39 0.00	41.75 0.39 0.00	37.44 0.27 0.00	34.35 0.20 0.00	35.25 0.21 0.00	45.67 0.50 -3.30	68.73 1.20 -9.36	57.92 1.26 -5.06	55.13 1.24 -1.28	68.08 1.26 -8.53	64.78 1.13 -8.18	48.10 0.96 0.00	51.43 1.03 0.00
FIBERTEK___ENERGY 23856	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
FITZPATRICK___ 23598	35.55 -1.24 0.00	35.93 -1.26 0.00	40.38 -1.39 0.00	35.33 -1.25 0.00	36.14 -1.24 0.00	37.30 -1.25 0.00	50.33 -1.70 0.00	53.05 -1.65 0.00	60.74 -2.06 0.00	39.02 -1.36 0.00	40.15 -1.45 0.00	41.51 -1.56 0.00	39.87 -1.49 0.00	35.79 -1.38 0.00	32.86 -1.28 0.00	33.71 -1.33 0.00	40.32 -1.56 0.00	56.10 -2.07 0.00	49.80 -1.81 0.00	50.78 -1.84 0.00	56.20 -2.08 0.00	53.45 -2.01 0.00	45.48 -1.67 0.00	48.62 -1.78 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.52 1.73 0.00	38.75 1.56 0.00	43.39 1.62 0.00	37.99 1.42 0.00	38.83 1.45 0.00	40.16 1.60 0.00	54.50 2.46 0.00	57.96 3.27 0.00	66.27 3.47 0.00	42.96 2.58 0.00	44.43 2.82 0.00	46.45 3.38 0.00	44.63 3.28 0.00	40.17 2.99 0.00	36.93 2.79 0.00	37.78 2.74 0.00	44.84 2.97 0.00	61.64 3.47 0.00	54.41 2.80 0.00	55.36 2.74 0.00	61.13 2.85 0.00	58.24 2.77 0.00	49.81 2.67 0.00	53.31 2.91 0.00
FORT ORANGE___ 23900	37.07 0.28 0.00	37.50 0.31 0.00	42.01 0.24 0.00	36.88 0.31 0.00	37.62 0.24 0.00	38.75 0.19 0.00	52.43 0.39 0.00	55.43 0.74 0.00	63.29 0.49 0.00	40.63 0.25 0.00	41.78 0.18 0.00	43.35 0.27 0.00	41.46 0.10 0.00	37.44 0.27 0.00	34.56 0.42 0.00	35.47 0.43 0.00	42.41 0.54 0.00	58.84 0.66 0.00	52.12 0.51 0.00	53.16 0.54 0.00	59.06 0.78 0.00	56.17 0.70 0.00	47.41 0.27 0.00	50.55 0.15 0.00
FORT_DRUM_COGEN 23780	38.31 1.52 0.00	38.95 1.75 0.00	43.84 2.08 0.00	38.31 1.74 0.00	39.21 1.84 0.00	40.54 1.99 0.00	54.82 2.79 0.00	57.17 2.48 0.00	64.53 1.73 0.00	40.45 0.06 0.00	41.32 -0.29 0.00	42.70 -0.38 0.00	40.96 -0.40 0.00	36.62 -0.55 0.00	33.48 -0.67 0.00	34.25 -0.79 0.00	41.12 -0.74 0.00	59.17 0.99 0.00	53.63 2.02 0.00	54.95 2.33 0.00	60.82 2.54 0.00	57.99 2.52 0.00	49.46 2.32 0.00	52.85 2.45 0.00
FOX_HILLS___ESR 323835	38.58 1.79 0.00	38.77 1.57 0.00	43.30 1.53 0.00	37.96 1.38 0.00	38.78 1.40 0.00	40.10 1.55 0.00	54.37 2.33 0.00	57.98 3.29 0.00	66.36 3.56 0.00	43.19 2.80 0.00	44.70 3.09 0.00	46.86 3.79 0.00	44.98 3.62 0.00	40.48 3.31 0.00	37.24 3.09 0.00	38.04 3.00 0.00	44.91 3.04 0.00	61.59 3.41 0.00	54.18 2.58 0.00	55.20 2.58 0.00	60.88 2.60 0.00	58.24 2.78 0.00	49.93 2.79 0.00	53.33 2.93 0.00
FPL_FAR_ROCK_GT1 24212	39.01 2.18 -0.04	39.11 1.92 0.00	43.60 1.84 0.00	38.05 1.48 0.00	38.85 1.47 0.00	39.82 1.33 0.06	54.18 2.08 -0.06	57.81 3.12 0.00	65.54 2.69 -0.05	42.68 2.29 -0.01	55.79 3.16 -11.02	61.19 3.92 -14.20	62.20 3.81 -17.04	64.86 3.45 -24.24	58.11 3.16 -20.81	37.86 2.82 0.00	44.74 2.87 0.00	61.70 3.52 0.00	54.57 2.96 0.00	55.53 2.92 0.00	61.44 3.16 0.00	58.50 3.03 0.00	50.38 3.22 -0.02	55.00 3.78 -0.82
FPL_FAR_ROCK_GT2 23815	39.01 2.18 -0.04	39.11 1.92 0.00	43.60 1.84 0.00	38.05 1.48 0.00	38.85 1.47 0.00	39.82 1.33 0.06	54.18 2.08 -0.06	57.81 3.12 0.00	65.54 2.69 -0.05	42.68 2.29 -0.01	55.79 3.16 -11.02	61.19 3.92 -14.20	62.20 3.81 -17.04	64.86 3.45 -24.24	58.11 3.16 -20.81	37.86 2.82 0.00	44.74 2.87 0.00	61.70 3.52 0.00	54.57 2.96 0.00	55.53 2.92 0.00	61.44 3.16 0.00	58.50 3.03 0.00	50.38 3.22 -0.02	55.00 3.78 -0.82
FRANKLIN_FALL_HYD 24054	38.03 1.24 0.00	38.52 1.33 0.00	43.24 1.47 0.00	37.86 1.29 0.00	38.64 1.26 0.00	39.84 1.28 0.00	53.49 1.45 0.00	55.57 0.88 0.00	64.39 1.59 0.00	41.29 0.91 0.00	42.45 0.84 0.00	43.81 0.74 0.00	42.14 0.78 0.00	37.86 0.69 0.00	34.67 0.52 0.00	35.65 0.61 0.00	42.50 0.63 0.00	59.46 1.28 0.00	53.06 1.45 0.00	54.12 1.50 0.00	59.95 1.67 0.00	57.08 1.62 0.00	48.65 1.51 0.00	52.01 1.61 0.00

FREEPORT_EQUS_GT1 23764	38.53 1.73 -0.01	38.66 1.47 0.00	43.17 1.40 0.00	37.73 1.16 0.00	38.52 1.13 0.00	38.89 0.95 0.62	43.52 1.56 10.08	50.38 2.51 6.82	53.36 2.61 12.04	41.97 2.25 0.65	48.53 3.04 -3.88	56.88 3.85 -9.96	57.44 3.76 -12.32	58.99 3.41 -18.40	53.15 3.14 -15.87	37.81 2.76 0.00	44.69 2.82 0.00	61.40 3.22 0.00	54.11 2.51 0.00	55.02 2.41 0.00	60.82 2.53 0.00	57.91 2.44 0.00	49.91 2.76 -0.01	54.07 3.40 -0.27
FREEPORT___CT2 23818	38.53 1.73 -0.01	38.66 1.47 0.00	43.17 1.40 0.00	37.73 1.16 0.00	38.52 1.13 0.00	38.89 0.95 0.62	43.52 1.56 10.08	50.38 2.51 6.82	53.36 2.61 12.04	41.97 2.25 0.65	48.53 3.04 -3.88	56.88 3.85 -9.96	57.44 3.76 -12.32	58.99 3.41 -18.40	53.15 3.14 -15.87	37.81 2.76 0.00	44.69 2.82 0.00	61.40 3.22 0.00	54.11 2.51 0.00	55.02 2.41 0.00	60.82 2.53 0.00	57.91 2.44 0.00	49.91 2.76 -0.01	54.07 3.40 -0.27
FRESHKLS_33_KV_LOAD 356253	38.78 1.99 0.00	38.97 1.78 0.00	43.53 1.77 0.00	38.17 1.59 0.00	38.99 1.61 0.00	40.19 1.63 0.00	54.43 2.39 0.00	58.06 3.37 0.00	66.39 3.59 0.00	43.18 2.80 0.00	44.66 3.06 0.00	46.81 3.74 0.00	44.92 3.57 0.00	40.46 3.28 0.00	37.21 3.06 0.00	38.03 2.99 0.00	44.88 3.01 0.00	61.56 3.38 0.00	54.17 2.56 0.00	55.27 2.65 0.00	60.97 2.69 0.00	58.35 2.88 0.00	50.01 2.87 0.00	53.39 2.99 0.00
FULTON COGEN____ 23766	35.98 -0.81 0.00	36.34 -0.86 0.00	40.85 -0.92 0.00	35.73 -0.85 0.00	36.56 -0.82 0.00	37.78 -0.77 0.00	50.99 -1.04 0.00	53.80 -0.90 0.00	61.55 -1.25 0.00	39.48 -0.90 0.00	40.58 -1.03 0.00	41.94 -1.14 0.00	40.25 -1.10 0.00	36.13 -1.05 0.00	33.16 -0.98 0.00	34.00 -1.04 0.00	40.73 -1.15 0.00	56.77 -1.40 0.00	50.46 -1.14 0.00	51.47 -1.15 0.00	56.94 -1.34 0.00	54.14 -1.33 0.00	46.05 -1.09 0.00	49.22 -1.18 0.00
FULTON___LFGE 323630	37.88 1.10 0.00	38.32 1.13 0.00	43.07 1.31 0.00	37.71 1.14 0.00	38.61 1.23 0.00	39.90 1.35 0.00	54.05 2.02 0.00	57.06 2.37 0.00	64.78 1.98 0.00	40.69 0.31 0.00	41.66 0.06 0.00	42.85 -0.22 0.00	41.57 0.21 0.00	37.20 0.03 0.00	34.06 -0.08 0.00	34.83 -0.21 0.00	42.06 0.19 0.00	59.52 1.35 0.00	53.64 2.03 0.00	54.63 2.01 0.00	60.31 2.02 0.00	57.37 1.91 0.00	48.66 1.52 0.00	51.91 1.51 0.00
G.F.CEMENT___DRP 24184	38.26 1.47 0.00	38.71 1.51 0.00	43.28 1.51 0.00	37.94 1.37 0.00	38.92 1.55 0.00	40.14 1.58 0.00	54.49 2.46 0.00	57.34 2.65 0.00	64.99 2.19 0.00	41.34 0.95 0.00	42.35 0.75 0.00	43.92 0.85 0.00	41.87 0.51 0.00	37.71 0.54 0.00	34.92 0.78 0.00	35.95 0.91 0.00	43.48 1.61 0.00	60.83 2.65 0.00	53.81 2.20 0.00	54.89 2.27 0.00	60.92 2.64 0.00	57.92 2.46 0.00	48.59 1.44 0.00	51.77 1.37 0.00
GARDENVILLE___LBMP 24039	35.11 -1.68 0.00	35.36 -1.84 0.00	40.09 -1.68 0.00	29.35 -1.57 5.65	35.90 -1.48 0.00	37.22 -1.33 0.00	45.18 -3.17 3.69	51.50 -3.19 0.00	59.33 -3.47 0.00	38.54 -1.85 0.00	39.70 -1.91 0.00	40.18 -2.89 0.00	38.81 -2.55 0.00	34.45 -2.73 0.00	31.38 -2.66 0.10	32.01 -3.03 0.00	32.47 -4.12 5.28	34.21 -5.76 18.20	38.07 -4.64 8.89	44.63 -4.66 3.33	37.27 -5.60 15.42	40.28 -5.03 10.15	43.61 -3.53 0.00	47.92 -2.48 0.00
GARDNVLA_35_KV_LD 355827	35.31 -1.48 0.00	35.57 -1.62 0.00	40.34 -1.43 0.00	30.17 -1.39 5.01	36.09 -1.30 0.00	37.43 -1.13 0.00	45.88 -2.88 3.27	51.87 -2.82 0.00	59.77 -3.03 0.00	38.84 -1.55 0.00	40.03 -1.58 0.00	40.54 -2.53 0.00	39.20 -2.16 0.00	34.76 -2.42 0.00	31.69 -2.40 0.05	32.29 -2.75 0.00	33.61 -3.80 4.46	36.79 -5.35 16.04	39.47 -4.31 7.83	45.83 -4.25 2.54	40.40 -5.16 12.73	41.90 -4.64 8.92	43.96 -3.18 0.00	48.25 -2.15 0.00
GELCKHM___115KV_LOAD 80723	36.18 -0.61 0.00	36.55 -0.65 0.00	41.08 -0.68 0.00	35.93 -0.64 0.00	36.78 -0.61 0.00	38.01 -0.55 0.00	51.29 -0.75 0.00	54.12 -0.57 0.00	61.90 -0.90 0.00	39.72 -0.66 0.00	40.86 -0.75 0.00	42.23 -0.85 0.00	40.55 -0.80 0.00	36.39 -0.78 0.00	33.39 -0.75 0.00	34.25 -0.79 0.00	41.00 -0.87 0.00	57.12 -1.06 0.00	50.74 -0.87 0.00	51.73 -0.89 0.00	57.22 -1.06 0.00	54.41 -1.06 0.00	46.30 -0.85 0.00	49.53 -0.87 0.00
GENERAL___MILLS 23808	35.20 -1.59 0.00	35.47 -1.72 0.00	40.22 -1.54 0.00	30.00 -1.47 5.11	35.98 -1.40 0.00	37.32 -1.24 0.00	45.63 -3.07 3.34	51.64 -3.05 0.00	59.51 -3.29 0.00	38.68 -1.70 0.00	39.87 -1.73 0.00	40.38 -2.70 0.00	39.03 -2.32 0.00	34.62 -2.56 0.00	31.56 -2.53 0.06	32.15 -2.89 0.00	33.32 -3.97 4.59	36.20 -5.61 16.37	39.08 -4.54 7.99	45.47 -4.48 2.66	39.72 -5.42 13.14	41.49 -4.87 9.11	43.79 -3.35 0.00	48.09 -2.31 0.00
GE_PLASTICS___DRP 24183	37.08 0.29 0.00	37.51 0.32 0.00	42.04 0.28 0.00	36.88 0.30 0.00	37.63 0.25 0.00	38.75 0.19 0.00	52.39 0.35 0.00	55.37 0.68 0.00	63.30 0.49 0.00	40.73 0.35 0.00	41.97 0.36 0.00	43.59 0.52 0.00	41.72 0.36 0.00	37.63 0.46 0.00	34.71 0.57 0.00	35.60 0.55 0.00	42.52 0.65 0.00	58.82 0.64 0.00	52.02 0.41 0.00	53.04 0.42 0.00	58.91 0.63 0.00	56.08 0.62 0.00	47.45 0.31 0.00	50.65 0.26 0.00
GILBOA___1 23756	37.46 0.67 0.00	37.90 0.71 0.00	42.63 0.87 0.00	37.34 0.77 0.00	38.14 0.76 0.00	39.10 0.55 0.00	52.85 0.82 0.00	55.92 1.23 0.00	63.97 1.17 0.00	41.25 0.87 0.00	42.56 0.95 0.00	44.27 1.20 0.00	42.44 1.08 0.00	38.20 1.02 0.00	35.16 1.02 0.00	36.02 0.98 0.00	42.95 1.08 0.00	59.21 1.03 0.00	52.28 0.67 0.00	53.27 0.65 0.00	59.17 0.88 0.00	56.42 0.95 0.00	47.94 0.79 0.00	51.32 0.92 0.00
GILBOA___2 23757	37.46 0.67 0.00	37.90 0.71 0.00	42.63 0.87 0.00	37.34 0.77 0.00	38.14 0.76 0.00	39.10 0.55 0.00	52.85 0.82 0.00	55.92 1.23 0.00	63.97 1.17 0.00	41.25 0.87 0.00	42.56 0.95 0.00	44.27 1.20 0.00	42.44 1.08 0.00	38.20 1.02 0.00	35.16 1.02 0.00	36.02 0.98 0.00	42.95 1.08 0.00	59.21 1.03 0.00	52.28 0.67 0.00	53.27 0.65 0.00	59.17 0.88 0.00	56.42 0.95 0.00	47.94 0.79 0.00	51.32 0.92 0.00
GILBOA___3 23758	37.46 0.67 0.00	37.90 0.71 0.00	42.63 0.87 0.00	37.34 0.77 0.00	38.14 0.76 0.00	39.10 0.55 0.00	52.85 0.82 0.00	55.92 1.23 0.00	63.97 1.17 0.00	41.25 0.87 0.00	42.56 0.95 0.00	44.27 1.20 0.00	42.44 1.08 0.00	38.20 1.02 0.00	35.16 1.02 0.00	36.02 0.98 0.00	42.95 1.08 0.00	59.21 1.03 0.00	52.28 0.67 0.00	53.27 0.65 0.00	59.17 0.88 0.00	56.42 0.95 0.00	47.94 0.79 0.00	51.32 0.92 0.00
GILBOA___4 23759	37.46 0.67 0.00	37.90 0.71 0.00	42.63 0.87 0.00	37.34 0.77 0.00	38.14 0.76 0.00	39.10 0.55 0.00	52.85 0.82 0.00	55.92 1.23 0.00	63.97 1.17 0.00	41.25 0.87 0.00	42.56 0.95 0.00	44.27 1.20 0.00	42.44 1.08 0.00	38.20 1.02 0.00	35.16 1.02 0.00	36.02 0.98 0.00	42.95 1.08 0.00	59.21 1.03 0.00	52.28 0.67 0.00	53.27 0.65 0.00	59.17 0.88 0.00	56.42 0.95 0.00	47.94 0.79 0.00	51.32 0.92 0.00

GILBOA____ 23599	37.46 0.67 0.00	37.91 0.71 0.00	42.63 0.87 0.00	37.34 0.76 0.00	38.14 0.76 0.00	39.10 0.55 0.00	52.85 0.82 0.00	55.92 1.23 0.00	63.97 1.17 0.00	41.25 0.87 0.00	42.56 0.95 0.00	44.27 1.20 0.00	42.44 1.09 0.00	38.20 1.03 0.00	35.16 1.02 0.00	36.02 0.98 0.00	42.95 1.08 0.00	59.21 1.03 0.00	52.28 0.67 0.00	53.27 0.65 0.00	59.15 0.87 0.00	56.42 0.95 0.00	47.93 0.79 0.00	51.32 0.92 0.00
GINNA____ 23603	34.32 -2.31 0.17	34.66 -2.38 0.16	39.11 -2.54 0.12	31.83 -2.25 2.49	35.05 -2.24 0.09	36.22 -2.15 0.18	46.91 -3.23 1.89	51.11 -3.19 0.40	58.78 -3.71 0.31	37.69 -2.47 0.22	38.92 -2.64 0.05	39.90 -3.17 0.00	38.40 -2.95 0.00	34.31 -2.83 0.03	31.38 -2.77 0.00	32.12 -2.92 0.00	36.15 -3.49 2.24	46.60 -4.48 7.10	43.86 -3.77 3.98	47.81 -3.79 1.02	48.55 -4.45 5.29	46.89 -4.27 4.31	43.73 -3.41 0.00	47.11 -3.28 0.00
GLEN PARK____ 23778	38.46 1.67 0.00	39.07 1.88 0.00	43.98 2.21 0.00	38.43 1.86 0.00	39.36 1.98 0.00	40.70 2.14 0.00	55.06 3.02 0.00	57.47 2.78 0.00	64.82 2.02 0.00	40.53 0.14 0.00	41.28 -0.32 0.00	42.62 -0.45 0.00	40.88 -0.48 0.00	36.55 -0.63 0.00	33.42 -0.72 0.00	34.19 -0.85 0.00	41.09 -0.78 0.00	59.34 1.17 0.00	53.91 2.30 0.00	55.25 2.63 0.00	61.14 2.85 0.00	58.24 2.78 0.00	49.64 2.50 0.00	53.04 2.64 0.00
GLENDALE_27_KV_LOAD 356172	38.41 1.62 0.00	38.58 1.39 0.00	43.08 1.32 0.00	37.78 1.21 0.00	38.59 1.21 0.00	40.03 1.47 0.00	54.34 2.30 0.00	57.92 3.23 0.00	66.31 3.50 0.00	43.26 2.88 0.00	44.83 3.23 0.00	46.99 3.92 0.00	45.16 3.80 0.00	40.64 3.47 0.00	37.38 3.24 0.00	38.18 3.14 0.00	45.06 3.18 0.00	61.76 3.58 0.00	54.32 2.71 0.00	55.34 2.72 0.00	60.97 2.68 0.00	58.25 2.78 0.00	50.01 2.86 0.00	53.44 3.04 0.00
GLENWOOD_IC_1_G5 23712	38.52 1.72 -0.01	38.69 1.49 0.00	43.23 1.46 0.00	37.82 1.25 0.00	38.64 1.26 0.00	39.45 1.24 0.34	48.48 1.99 5.54	53.40 2.88 4.17	58.68 3.10 7.22	42.54 2.54 0.38	49.08 3.14 -4.33	58.67 3.84 -11.76	59.86 3.74 -14.76	63.14 3.42 -22.55	56.79 3.16 -19.49	37.94 2.90 0.00	44.87 2.99 0.00	61.60 3.42 0.00	54.27 2.66 0.00	55.21 2.59 0.00	60.96 2.68 0.00	58.09 2.62 0.00	49.89 2.74 -0.01	53.64 3.10 -0.14
GLENWOOD_IC_2_G1 23688	38.38 1.59 0.00	38.56 1.37 0.00	43.12 1.35 0.00	37.73 1.16 0.00	38.54 1.16 0.00	39.74 1.19 0.00	53.94 1.91 0.00	57.47 2.78 0.00	65.76 2.96 0.00	42.81 2.42 0.00	44.73 2.95 -0.18	47.16 3.61 -0.47	45.49 3.53 -0.60	41.33 3.22 -0.93	37.93 2.98 -0.81	37.82 2.78 0.00	44.73 2.85 0.00	61.40 3.22 0.00	54.10 2.49 0.00	55.02 2.40 0.00	60.76 2.48 0.00	57.89 2.42 0.00	49.71 2.57 0.00	53.30 2.90 0.00
GLENWOOD_IC_3_G1 23689	38.38 1.59 0.00	38.56 1.37 0.00	43.12 1.35 0.00	37.73 1.16 0.00	38.54 1.16 0.00	39.74 1.19 0.00	53.94 1.91 0.00	57.47 2.78 0.00	65.76 2.96 0.00	42.81 2.42 0.00	44.73 2.95 -0.18	47.16 3.61 -0.47	45.49 3.53 -0.60	41.33 3.22 -0.93	37.93 2.98 -0.81	37.82 2.78 0.00	44.73 2.85 0.00	61.40 3.22 0.00	54.10 2.49 0.00	55.02 2.40 0.00	60.76 2.48 0.00	57.89 2.42 0.00	49.71 2.57 0.00	53.30 2.90 0.00
GLENWOOD____4 23550	38.52 1.72 -0.01	38.69 1.49 0.00	43.23 1.46 0.00	37.82 1.25 0.00	38.64 1.26 0.00	39.45 1.24 0.34	48.48 1.99 5.54	53.40 2.88 4.17	58.68 3.10 7.22	42.54 2.54 0.38	49.08 3.14 -4.33	58.67 3.84 -11.76	59.86 3.74 -14.76	63.14 3.42 -22.55	56.79 3.16 -19.49	37.94 2.90 0.00	44.87 2.99 0.00	61.60 3.42 0.00	54.27 2.66 0.00	55.21 2.59 0.00	60.96 2.68 0.00	58.09 2.62 0.00	49.89 2.74 -0.01	53.64 3.10 -0.14
GLENWOOD____5 23614	38.52 1.72 -0.01	38.69 1.49 0.00	43.23 1.46 0.00	37.82 1.25 0.00	38.64 1.26 0.00	39.45 1.24 0.34	48.48 1.99 5.54	53.40 2.88 4.17	58.68 3.10 7.22	42.54 2.54 0.38	49.08 3.14 -4.33	58.67 3.84 -11.76	59.86 3.74 -14.76	63.14 3.42 -22.55	56.79 3.16 -19.49	37.94 2.90 0.00	44.87 2.99 0.00	61.60 3.42 0.00	54.27 2.66 0.00	55.21 2.59 0.00	60.96 2.68 0.00	58.09 2.62 0.00	49.89 2.74 -0.01	53.64 3.10 -0.14
GLOBAL GREEN_PORT_GT1 23814	38.68 1.90 0.00	38.45 1.26 0.00	42.99 1.22 0.00	37.35 0.78 0.00	37.77 0.39 0.00	37.41 -0.14 1.00	35.58 0.43 16.89	42.01 1.17 13.85	40.58 1.45 23.67	40.42 1.28 1.24	41.99 2.09 1.70	52.06 2.96 -6.03	51.94 2.85 -7.74	51.91 2.54 -12.21	46.98 2.26 -10.58	36.97 1.93 0.00	43.69 1.82 0.00	60.27 2.10 0.00	52.61 1.00 0.00	53.78 1.17 0.00	59.44 1.16 0.00	56.51 1.05 0.00	48.66 1.52 0.00	52.63 2.30 0.07
GLOBE____DSASP 323697	34.56 -2.23 0.00	34.91 -2.29 0.00	39.62 -2.15 0.00	30.10 -1.93 4.53	35.46 -1.92 0.00	36.64 -1.92 0.00	44.60 -4.47 2.96	49.81 -4.88 0.00	57.22 -5.58 0.00	37.48 -2.91 0.00	38.80 -2.80 0.00	39.16 -3.91 0.00	37.87 -3.49 0.00	33.60 -3.57 0.00	30.51 -3.59 0.05	31.04 -4.01 0.00	32.51 -5.29 4.07	35.88 -7.52 14.78	38.20 -6.30 7.11	43.85 -6.46 2.31	39.38 -7.25 11.65	40.89 -6.45 8.12	42.58 -4.56 0.00	47.05 -3.35 0.00
GOETHSLN____LBMP 323567	38.30 1.52 0.00	38.46 1.26 0.00	42.97 1.21 0.00	37.66 1.09 0.00	38.47 1.09 0.00	39.86 1.31 0.00	54.14 2.11 0.00	57.72 3.03 0.00	66.07 3.27 0.00	43.08 2.69 0.00	44.68 3.08 0.00	46.83 3.76 0.00	45.04 3.68 0.00	40.55 3.38 0.00	37.30 3.15 0.00	38.07 3.03 0.00	44.99 3.12 0.00	61.66 3.49 0.00	54.30 2.69 0.00	55.23 2.62 0.00	60.90 2.62 0.00	58.06 2.59 0.00	49.81 2.67 0.00	53.34 2.95 0.00
GOLAH____69_KV_TB 1_2 80279	36.23 -0.56 0.00	36.59 -0.61 0.00	41.30 -0.46 0.00	33.25 -0.46 2.86	37.01 -0.37 0.00	38.39 -0.17 0.00	49.21 -0.96 1.87	53.89 -0.80 0.00	61.90 -0.90 0.00	39.72 -0.66 0.00	40.75 -0.85 0.00	41.56 -1.51 0.00	40.05 -1.31 0.00	35.70 -1.47 0.00	32.59 -1.55 0.01	33.29 -1.75 0.00	37.14 -2.19 2.55	47.07 -2.63 8.47	45.21 -1.88 4.52	49.61 -1.80 1.22	49.39 -2.32 6.57	48.07 -2.20 5.20	45.65 -1.49 0.00	49.50 -0.90 0.00
GOODYEAR_LAKE_HYD 323669	37.78 0.99 0.00	38.17 0.97 0.00	42.94 1.18 0.00	38.27 0.99 -0.70	38.42 1.04 0.00	39.64 1.08 0.00	54.13 1.63 -0.46	56.73 2.04 0.00	64.90 2.10 0.00	41.86 1.48 0.00	43.29 1.68 0.00	44.94 1.87 0.00	43.08 1.73 0.00	38.73 1.55 0.00	35.53 1.39 0.00	36.42 1.38 0.00	44.56 1.69 -0.99	61.76 2.14 -1.44	53.08 1.47 0.00	54.04 1.42 0.00	60.10 1.44 -0.37	57.36 1.38 -0.51	48.46 1.32 0.00	51.94 1.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.82 0.03 0.00	37.10 -0.10 0.00	41.76 -0.01 0.00	36.46 -0.12 0.00	37.38 0.00 0.00	38.65 0.09 0.00	52.05 0.02 0.00	55.09 0.40 0.00	62.95 0.15 0.00	40.60 0.22 0.00	41.79 0.18 0.00	43.23 0.16 0.00	41.58 0.22 0.00	37.18 0.01 0.00	34.21 0.06 0.00	35.00 -0.04 0.00	40.35 -0.19 1.32	51.90 -0.37 5.90	47.35 -0.27 4.00	51.35 -0.25 1.01	52.81 -0.42 5.05	51.64 -0.38 3.44	47.09 -0.06 0.00	50.62 0.22 0.00

GOUDEY___7 23579	36.82 0.03 0.00	37.10 -0.10 0.00	41.76 -0.01 0.00	36.46 -0.12 0.00	37.38 0.00 0.00	38.65 0.09 0.00	52.05 0.02 0.00	55.09 0.40 0.00	62.95 0.15 0.00	40.60 0.22 0.00	41.79 0.18 0.00	43.23 0.16 0.00	41.58 0.22 0.00	37.18 0.01 0.00	34.21 0.06 0.00	35.00 -0.04 0.00	40.35 -0.19 1.32	51.90 -0.37 5.90	47.35 -0.27 4.00	51.35 -0.25 1.01	52.81 -0.42 5.05	51.64 -0.38 3.44	47.09 -0.06 0.00	50.62 0.22 0.00
GOUDEY___8 23580	36.82 0.03 0.00	37.10 -0.10 0.00	41.76 -0.01 0.00	36.46 -0.12 0.00	37.38 0.00 0.00	38.65 0.09 0.00	52.05 0.02 0.00	55.09 0.40 0.00	62.95 0.15 0.00	40.60 0.22 0.00	41.79 0.18 0.00	43.23 0.16 0.00	41.58 0.22 0.00	37.18 0.01 0.00	34.21 0.06 0.00	35.00 -0.04 0.00	40.35 -0.19 1.32	51.90 -0.37 5.90	47.35 -0.27 4.00	51.35 -0.25 1.01	52.81 -0.42 5.05	51.64 -0.38 3.44	47.09 -0.06 0.00	50.62 0.22 0.00
GOWANUS_GT1_1 24077	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00	43.18 2.80 0.00	44.74 3.13 0.00	46.90 3.82 0.00	45.03 3.67 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.08 3.03 0.00	44.95 3.08 0.00	61.63 3.45 0.00	54.22 2.61 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.26 2.80 0.00	49.98 2.84 0.00	53.38 2.99 0.00
GOWANUS_GT1_2 24078	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00	43.18 2.80 0.00	44.74 3.13 0.00	46.90 3.82 0.00	45.03 3.67 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.08 3.03 0.00	44.95 3.08 0.00	61.63 3.45 0.00	54.22 2.61 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.26 2.80 0.00	49.98 2.84 0.00	53.38 2.99 0.00
GOWANUS_GT1_3 24079	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00	43.18 2.80 0.00	44.74 3.13 0.00	46.90 3.82 0.00	45.03 3.67 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.08 3.03 0.00	44.95 3.08 0.00	61.63 3.45 0.00	54.22 2.61 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.26 2.80 0.00	49.98 2.84 0.00	53.38 2.99 0.00
GOWANUS_GT1_4 24080	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00	43.18 2.80 0.00	44.74 3.13 0.00	46.90 3.82 0.00	45.03 3.67 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.08 3.03 0.00	44.95 3.08 0.00	61.63 3.45 0.00	54.22 2.61 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.26 2.80 0.00	49.98 2.84 0.00	53.38 2.99 0.00
GOWANUS_GT1_5 24084	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00	43.18 2.80 0.00	44.74 3.13 0.00	46.90 3.82 0.00	45.03 3.67 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.08 3.03 0.00	44.95 3.08 0.00	61.63 3.45 0.00	54.22 2.61 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.26 2.80 0.00	49.98 2.84 0.00	53.38 2.99 0.00
GOWANUS_GT1_6 24111	38.36 1.57 0.00	38.54 1.35 0.00	43.03 1.27 0.00	37.73 1.16 0.00	38.54 1.16 0.00	40.02 1.47 0.00	54.33 2.29 0.00	57.92 3.23 0.00	66.32 3.52 0.00															

GOWANUS_GT2_6 24119	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
GOWANUS_GT2_7 24120	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
GOWANUS_GT2_8 24121	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
GOWANUS_GT3_1 24122	38.35 1.56 0.00	38.53 1.34 0.00	43.03 1.26 0.00	37.72 1.15 0.00	38.54 1.16 0.00	40.02 1.46 0.00	54.31 2.28 0.00	57.92 3.23 0.00	66.31 3.51 0.00	43.18 2.80 0.00	44.74 3.14 0.00	46.89 3.82 0.00	45.02 3.66 0.00	40.53 3.35 0.00	37.27 3.13 0.00	38.07 3.03 0.00	44.94 3.07 0.00	61.62 3.45 0.00	54.21 2.61 0.01	55.24 2.63 0.00	60.92 2.64 0.01	58.27 2.80 0.00	49.97 2.82 0.00	53.38 2.99 0.00
GOWANUS_GT3_2 24123	38.35 1.56 0.00	38.53 1.34 0.00	43.03 1.26 0.00	37.72 1.15 0.00	38.54 1.16 0.00	40.02 1.46 0.00	54.31 2.28 0.00	57.92 3.23 0.00	66.31 3.51 0.00	43.18 2.80 0.00	44.74 3.14 0.00	46.89 3.82 0.00	45.02 3.66 0.00	40.53 3.35 0.00	37.27 3.13 0.00	38.07 3.03 0.00	44.94 3.07 0.00	61.62 3.45 0.00	54.21 2.61 0.01	55.24 2.63 0.00	60.92 2.64 0.01	58.27 2.80 0.00	49.97 2.82 0.00	53.38 2.99 0.00
GOWANUS_GT3_3 24124	38.35 1.56 0.00	38.53 1.34 0.00	43.03 1.26 0.00	37.72 1.15 0.00	38.54 1.16 0.00	40.02 1.46 0.00	54.31 2.28 0.00	57.92 3.23 0.00	66.31 3.51 0.00	43.18 2.80 0.00	44.74 3.14 0.00	46.89 3.82 0.00	45.02 3.66 0.00	40.53 3.35 0.00	37.27 3.13 0.00	38.07 3.03 0.00	44.94 3.07 0.00	61.62 3.45 0.00	54.21 2.61 0.01	55.24 2.63 0.00	60.92 2.64 0.01	58.27 2.80 0.00	49.97 2.82 0.00	53.38 2.99 0.00
GOWANUS_GT3_4 24125	38.35 1.56 0.00	38.53 1.34 0.00	43.03 1.26 0.00	37.72 1.15 0.00	38.54 1.16 0.00	40.02 1.46 0.00	54.31 2.28 0.00	57.92 3.23 0.00	66.31 3.51 0.00	43.18 2.80 0.00	44.74 3.14 0.00	46.89 3.82 0.00	45.02 3.66 0.00	40.53 3.35 0.00	37.27 3.13 0.00	38.07 3.03 0.00	44.94 3.07 0.00	61.62 3.45 0.00	54.21 2.61 0.01	55.24 2.63 0.00	60.92 2.64 0.01	58.27 2.80 0.00	49.97 2.82 0.00	53.38 2.99 0.00
GOWANUS_GT3_5 24126	38.35 1.56 0.00	38.53 1.34 0.00	43.03 1.26 0.00	37.72 1.15 0.00	38.54 1.16 0.00	40.02 1.46 0.00	54.31 2.28 0.00	57.92 3.23 0.00	66.31 3.51 0.00	43.18 2.80 0.0														

GOWANUS_GT4_5 24134	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
GOWANUS_GT4_6 24135	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
GOWANUS_GT4_7 24136	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
GOWANUS_GT4_8 24137	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
GREATVRV_69_KV_BK1 356245	38.86 2.07 0.00	39.00 1.81 0.00	43.52 1.76 0.00	38.03 1.46 0.00	38.82 1.44 0.00	38.73 1.12 0.96	37.74 1.84 16.13	44.31 2.72 13.10	43.33 2.96 22.43	41.75 2.54 1.18	43.83 3.36 1.14	53.72 4.20 -6.46	53.64 4.03 -8.25	53.77 3.68 -12.91	48.72 3.39 -11.18	38.08 3.04 0.00	44.93 3.06 0.00	61.93 3.75 0.00	54.44 2.83 0.00	55.45 2.84 0.00	61.24 2.95 0.00	58.26 2.80 0.00	50.23 3.09 0.00	54.24 3.88 0.04
GREENBSH_115KV_TB3 55895	36.86 0.07 0.00	37.31 0.11 0.00	41.77 0.00 0.00	36.66 0.09 0.00	37.39 0.01 0.00	38.51 -0.05 0.00	52.08 0.04 0.00	55.04 0.35 0.00	62.86 0.06 0.00	40.44 0.05 0.00	41.68 0.07 0.00	43.27 0.20 0.00	41.37 0.02 0.00	37.38 0.21 0.00	34.52 0.38 0.00	35.41 0.37 0.00	42.31 0.44 0.00	58.54 0.36 0.00	51.76 0.15 0.00	52.79 0.16 0.00	58.67 0.39 0.00	55.83 0.36 0.00	47.12 -0.02 0.00	50.26 -0.14 0.00
GREENDGE_115KV_TB5 80291	36.16 -0.63 0.00	36.30 -0.90 0.00	40.95 -0.82 0.00	23.35 -0.89 12.33	36.71 -0.67 0.00	38.20 -0.36 0.00	43.12 -0.86 8.06	53.94 -0.75 0.00	61.60 -1.20 0.00	39.76 -0.63 0.00	40.63 -0.97 0.00	41.60 -1.47 0.00	40.03 -1.32 0.00	35.69 -1.49 0.00	32.87 -1.35 -0.07	33.50 -1.54 0.00	28.74 -1.96 11.17	17.98 -2.23 37.96	29.11 -1.63 20.87	46.67 -1.45 4.50	28.33 -1.91 28.05	29.41 -1.89 24.17	45.93 -1.21 0.00	49.45 -0.95 0.00
GREENIDGE___3 23582	36.16 -0.63 0.00	36.30 -0.90 0.00	40.95 -0.82 0.00	23.35 -0.89 12.33	36.71 -0.67 0.00	38.20 -0.36 0.00	43.12 -0.86 8.06	53.94 -0.75 0.00	61.60 -1.20 0.00	39.76 -0.63 0.00	40.63 -0.97 0.00	41.60 -1.47 0.00	40.03 -1.32 0.00	35.69 -1.49 0.00	32.87 -1.35 -0.07	33.50 -1.54 0.00	28.74 -1.96 11.17	17.98 -2.23 37.96	29.11 -1.63 20.87	46.67 -1.45 4.50	28.33 -1.91 28.05	29.41 -1.89 24.17	45.93 -1.21 0.00	49.45 -0.95 0.00
GREENIDGE___4 23583	36.74 -0.62 -0.57	36.86 -0.89 -0.55	41.36 -0.81 -0.40	23.74 -0.89 11.95	37.01 -0.67 -0.30	38.83 -0.35 -0.62	44.31 -0.85 6.88	55.42 -0.75 -1.48	62.79 -1.17 -1.15	40.59 -0.62 -0.83	40.80 -0.99 -0.18	41.60 -1.47 0.00	40.03 -1.33 0.00	35.80 -1.49 -0.12	32.88 -1.34 -0.07	33.50 -1.54 0.00	29.21 -1.97 10.70	18.57 -2.25 37.35	29.83 -1.68 20.09	46.94 -1.46 4.22	28.30 -1.94 28.05	29.35 -1.95 24.17	45.94 -1.21 0.00	49.45 -0.95 0.00
GREENLWN_69_KV_BK 3 55738	38.08 1.30 0.00	38.28 1.08 0.00	42.71 0.95 0.00	37.34 0.77 0.00	38.10 0.72 0.00	37.93 0.33 0.96	36.44 0.71 16.31	42.88 1.56 13.37	41.57 1.62 22.85	40.85 1.66 1.20	42.84 2.58 1.35	52.75 3.37 -6.31	52.70 3.28 -8.07	52.86 3.01 -12.67	47.86 2.74 -10.98	37.26 2.22 0.00	43.94 2.07 0.00	60.43 2.25 0.00	53.13 1.52 0.00	54.11 1.49 0.00	59.78 1.50 0.00	56.92 1.46 0.00	49.12 1.98 0.00	53.13 2.78 0.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00
GRISSOM___SOLAR 323813	37.99 1.20 0.00	38.42 1.23 0.00	43.16 1.40 0.00	37.78 1.21 0.00	38.68 1.31 0.00	39.96 1.40 0.00	54.15 2.11 0.00	57.16 2.47 0.00	64.80 2.00 0.00	40.65 0.27 0.00	41.49 -0.12 0.00	42.77 -0.30 0.00	41.63 0.27 0.00	37.12 -0.05 0.00	34.09 -0.06 0.00	34.83 -0.21 0.00	42.10 0.23 0.00	59.70 1.53 0.00	53.71 2.10 0.00	54.71 2.09 0.00	60.47 2.19 0.00	57.51 2.05 0.00	48.76 1.62 0.00	52.01 1.61 0.00
GROVEVILLE___HYD 323602	38.52 1.73 0.00	38.75 1.56 0.00	43.39 1.62 0.00	37.99 1.42 0.00	38.83 1.45 0.00	40.16 1.60 0.00	54.50 2.46 0.00	57.96 3.27 0.00	66.27 3.47 0.00	42.96 2.58 0.00	44.43 2.82 0.00	46.45 3.38 0.00	44.63 3.28 0.00	40.17 2.99 0.00	36.93 2.79 0.00	37.78 2.74 0.00	44.84 2.97 0.00	61.64 3.47 0.00	54.41 2.80 0.00	55.36 2.74 0.00	61.13 2.85 0.00	58.24 2.77 0.00	49.81 2.67 0.00	53.31 2.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
HAMLTNNY_34_KV_TB 80303	36.47 -0.32 0.00	36.86 -0.33 0.00	41.44 -0.32 0.00	36.20 -0.37 0.00	37.08 -0.30 0.00	38.35 -0.20 0.00	51.78 -0.25 0.00	54.65 -0.04 0.00	62.47 -0.34 0.00	40.02 -0.36 0.00	41.07 -0.54 0.00	42.41 -0.66 0.00	40.73 -0.63 0.00	36.53 -0.64 0.00	33.48 -0.66 0.00	34.36 -0.68 0.00	41.17 -0.70 0.00	57.49 -0.69 0.00	51.18 -0.43 0.00	52.18 -0.44 0.00	57.69 -0.59 0.00	54.84 -0.63 0.00	46.68 -0.46 0.00	49.98 -0.43 0.00

HAMPSHIRE___PAPER_HYD 323593	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.11 1.54 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.46 1.66 0.00	40.80 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.08 1.46 0.00	60.03 1.75 0.00	57.60 2.13 0.00	49.21 2.07 0.00	52.57 2.17 0.00
HARDSCRABBLE_WT_PWR 323673	38.10 1.31 0.00	38.63 1.44 0.00	43.45 1.69 0.00	38.02 1.45 0.00	38.94 1.55 0.00	40.09 1.53 0.00	54.18 2.14 0.00	57.31 2.62 0.00	64.88 2.08 0.00	41.00 0.62 0.00	41.81 0.20 0.00	43.42 0.35 0.00	41.65 0.29 0.00	37.35 0.18 0.00	34.44 0.30 0.00	35.43 0.39 0.00	42.89 1.02 0.00	60.54 2.36 0.00	54.02 2.41 0.00	54.83 2.21 0.00	60.56 2.28 0.00	57.51 2.05 0.00	48.65 1.51 0.00	51.92 1.53 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.41 1.62 0.00	38.62 1.42 0.00	43.24 1.48 0.00	37.85 1.28 0.00	38.70 1.33 0.00	40.04 1.48 0.00	54.32 2.29 0.00	57.78 3.09 0.00	66.06 3.25 0.00	42.83 2.44 0.00	44.32 2.72 0.00	46.42 3.35 0.00	44.63 3.27 0.00	40.16 2.99 0.00	36.91 2.77 0.00	37.74 2.69 0.00	44.73 2.85 0.00	61.38 3.20 0.00	54.19 2.59 0.00	55.14 2.52 0.00	60.86 2.57 0.00	58.02 2.56 0.00	49.69 2.55 0.00	53.23 2.83 0.00
HARSNRAD_115KV_TB1 81005	34.98 -1.81 0.00	35.31 -1.88 0.00	40.05 -1.71 0.00	30.64 -1.51 4.42	35.90 -1.48 0.00	37.04 -1.51 0.00	45.46 -3.68 2.89	50.79 -3.90 0.00	58.59 -4.21 0.00	38.11 -2.27 0.00	39.33 -2.28 0.00	39.71 -3.37 0.00	38.38 -2.97 0.00	34.06 -3.12 0.00	31.02 -3.07 0.05	31.57 -3.47 0.00	33.25 -4.63 4.00	37.41 -6.57 14.20	39.34 -5.33 6.95	45.04 -5.30 2.28	40.70 -6.24 11.35	42.00 -5.53 7.93	43.13 -4.01 0.00	47.61 -2.79 0.00
HARZA MOOSE___RIVER 24016	37.92 1.13 0.00	38.47 1.27 0.00	43.27 1.50 0.00	37.86 1.29 0.00	38.73 1.35 0.00	40.01 1.46 0.00	54.13 2.10 0.00	56.68 1.99 0.00	64.45 1.65 0.00	40.83 0.44 0.00	41.93 0.33 0.00	43.45 0.38 0.00	41.68 0.32 0.00	37.32 0.14 0.00	34.21 0.06 0.00	35.04 0.00 0.00	42.02 0.14 0.00	59.37 1.19 0.00	53.16 1.55 0.00	54.30 1.68 0.00	60.12 1.83 0.00	57.30 1.84 0.00	48.83 1.69 0.00	52.18 1.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.15 -0.64 0.00	36.50 -0.69 0.00	41.03 -0.74 0.00	35.90 -0.67 0.00	36.75 -0.63 0.00	37.97 -0.59 0.00	51.27 -0.77 0.00	54.12 -0.57 0.00	61.90 -0.90 0.00	39.73 -0.65 0.00	40.86 -0.75 0.00	42.24 -0.84 0.00	40.56 -0.79 0.00	36.41 -0.77 0.00	33.42 -0.73 0.00	34.26 -0.78 0.00	41.03 -0.85 0.00	57.12 -1.06 0.00	50.72 -0.88 0.00	51.72 -0.90 0.00	57.21 -1.07 0.00	54.39 -1.08 0.00	46.28 -0.87 0.00	49.53 -0.87 0.00
HELLGATE_13_KV_LD 55870	38.45 1.66 0.00	38.62 1.43 0.00	43.13 1.36 0.00	37.82 1.25 0.00	38.63 1.25 0.00	40.08 1.52 0.00	54.39 2.35 0.00	57.99 3.31 0.00	66.39 3.59 0.00	43.31 2.92 0.00	44.87 3.27 0.00	47.04 3.97 0.00	45.20 3.85 0.00	40.68 3.51 0.00	37.42 3.28 0.00	38.20 3.16 0.00	45.07 3.20 0.00	61.79 3.61 0.00	54.33 2.73 0.00	55.39 2.78 0.00	61.02 2.74 0.00	58.32 2.85 0.00	50.08 2.94 0.00	53.50 3.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.45 1.66 0.00	38.62 1.43 0.00	43.13 1.36 0.00	37.82 1.25 0.00	38.63 1.25 0.00	40.08 1.52 0.00	54.39 2.35 0.00	57.99 3.31 0.00	66.39 3.59 0.00	43.31 2.92 0.00	44.87 3.27 0.00	47.04 3.97 0.00	45.20 3.85 0.00	40.68 3.51 0.00	37.42 3.28 0.00	38.20 3.16 0.00	45.07 3.20 0.00	61.79 3.61 0.00	54.33 2.73 0.00	55.39 2.78 0.00	61.02 2.74 0.00	58.32 2.85 0.00	50.08 2.94 0.00	53.50 3.10 0.00
HEMPSTEAD____ 23647	38.32 1.52 -0.01	38.46 1.27 0.00	42.96 1.19 0.00	37.57 1.00 0.00	38.37 0.99 0.00	38.88 0.85 0.52	45.00 1.44 8.48	50.74 2.34 6.29	54.35 2.47 10.93	41.96 2.16 0.58	48.10 2.88 -3.62	57.18 3.64 -10.47	57.99 3.57 -13.07	60.23 3.26 -19.80	54.23 2.99 -17.10	37.69 2.65 0.00	44.56 2.69 0.00	61.21 3.03 0.00	53.92 2.31 0.00	54.83 2.21 0.00	60.59 2.31 0.00	57.74 2.28 0.00	49.70 2.55 0.00	53.64 3.06 -0.18
HICKLING___1 23621	35.64 -1.15 0.00	35.60 -1.59 0.00	40.24 -1.53 0.00	22.72 -1.66 12.19	36.06 -1.32 0.00	37.59 -0.96 0.00	42.25 -1.82 7.96	53.36 -1.33 0.00	60.78 -2.03 0.00	39.35 -1.04 0.00	40.32 -1.29 0.00	41.51 -1.56 0.00	40.05 -1.31 0.00	35.48 -1.69 0.00	32.85 -1.32 -0.03	33.41 -1.63 0.00	28.77 -2.46 10.64	17.86 -3.36 36.96	29.10 -2.63 19.88	45.31 -2.58 4.73	27.33 -3.28 27.68	29.53 -3.16 22.78	45.21 -1.93 0.00	49.06 -1.34 0.00
HICKLING___2 23622	35.64 -1.15 0.00	35.60 -1.59 0.00	40.24 -1.53 0.00	22.72 -1.66 12.19	36.06 -1.32 0.00	37.59 -0.96 0.00	42.25 -1.82 7.96	53.36 -1.33 0.00	60.78 -2.03 0.00	39.35 -1.04 0.00	40.32 -1.29 0.00	41.51 -1.56 0.00	40.05 -1.31 0.00	35.48 -1.69 0.00	32.85 -1.32 -0.03	33.41 -1.63 0.00	28.77 -2.46 10.64	17.86 -3.36 36.96	29.10 -2.63 19.88	45.31 -2.58 4.73	27.33 -3.28 27.68	29.53 -3.16 22.78	45.21 -1.93 0.00	49.06 -1.34 0.00
HIGH FALLS___HY 23754	38.62 1.83 0.00	38.83 1.64 0.00	43.52 1.76 0.00	38.10 1.53 0.00	38.96 1.58 0.00	40.29 1.74 0.00	54.70 2.67 0.00	58.21 3.52 0.00	66.54 3.74 0.00	43.01 2.62 0.00	44.32 2.71 0.00	46.19 3.11 0.00	44.33 2.97 0.00	39.68 2.51 0.00	36.57 2.42 0.00	37.34 2.30 0.00	44.42 2.55 0.00	61.19 3.01 0.00	54.19 2.59 0.00	55.19 2.57 0.00	60.99 2.71 0.00	58.36 2.90 0.00	49.93 2.79 0.00	53.47 3.07 0.00
HIGH_RIVER___SOLAR 323847	37.83 1.04 0.00	38.26 1.07 0.00	42.98 1.21 0.00	37.64 1.07 0.00	38.51 1.13 0.00	39.77 1.22 0.00	53.86 1.82 0.00	56.81 2.12 0.00	64.48 1.68 0.00	40.68 0.29 0.00	41.71 0.10 0.00	43.03 -0.04 0.00	41.39 0.03 0.00	37.27 0.10 0.00	34.12 -0.03 0.00	34.97 -0.07 0.00	42.07 0.20 0.00	59.40 1.23 0.00	53.44 1.83 0.00	54.45 1.83 0.00	60.19 1.91 0.00	57.23 1.77 0.00	48.53 1.39 0.00	51.80 1.40 0.00
HILLBURN___GT 23639	38.28 1.49 0.00	38.48 1.28 0.00	43.08 1.31 0.00	37.70 1.13 0.00	38.55 1.17 0.00	39.87 1.32 0.00	54.09 2.05 0.00	57.55 2.86 0.00	65.79 2.99 0.00	42.73 2.35 0.00	44.29 2.69 0.00	46.43 3.36 0.00	44.64 3.29 0.00	40.17 3.00 0.00	36.91 2.76 0.00	37.70 2.66 0.00	44.60 2.73 0.00	61.13 2.96 0.00	53.95 2.34 0.00	54.87 2.25 0.00	60.57 2.29 0.00	57.76 2.30 0.00	49.53 2.39 0.00	53.11 2.70 0.00
HILLSIDE_115KV_TB1 80332	35.16 -1.63 0.00	35.11 -2.08 0.00	39.72 -2.05 0.00	22.86 -2.16 11.56	35.56 -1.82 0.00	37.04 -1.51 0.00	41.90 -2.59 7.55	52.62 -2.07 0.00	59.86 -2.94 0.00	38.88 -1.50 0.00	39.98 -1.63 0.00	41.29 -1.78 0.00	39.86 -1.50 0.00	35.29 -1.88 0.00	32.71 -1.46 -0.02	33.26 -1.78 0.00	29.09 -2.78 10.00	19.19 -4.04 34.95	29.58 -3.28 18.75	44.92 -3.18 4.52	28.19 -3.91 26.18	30.31 -3.76 21.40	44.74 -2.40 0.00	48.54 -1.86 0.00

HISHELDN_WT_PWR 323625	34.81 -1.84 0.14	34.97 -2.09 0.13	39.65 -2.01 0.10	28.06 -1.90 6.61	35.54 -1.77 0.07	36.86 -1.54 0.15	44.29 -3.24 4.51	51.49 -3.20 0.00	59.25 -3.55 0.00	38.30 -2.09 0.00	39.27 -2.34 0.00	39.77 -3.31 0.00	38.36 -2.99 0.00	34.09 -3.08 0.00	31.12 -2.87 0.16	31.82 -3.22 0.00	31.23 -4.33 6.32	31.29 -5.85 21.04	36.56 -4.73 10.31	43.56 -4.78 4.28	33.70 -5.82 18.77	38.29 -5.39 11.78	43.38 -3.77 0.00	47.54 -2.86 0.00
HOLTSVILLE_IC_1 23690	38.21 1.43 0.00	38.33 1.13 0.00	42.77 1.00 0.00	37.39 0.82 0.00	38.11 0.73 0.00	37.89 0.33 1.00	35.99 0.90 16.95	42.42 1.62 13.89	40.87 1.81 23.75	40.87 1.73 1.25	42.42 2.54 1.73	52.44 3.37 -6.00	52.32 3.26 -7.71	52.32 2.98 -12.16	47.41 2.73 -10.54	37.37 2.33 0.00	44.07 2.19 0.00	60.63 2.45 0.00	53.08 1.47 0.00	54.19 1.57 0.00	59.95 1.67 0.00	57.06 1.60 0.00	49.26 2.12 0.00	53.30 2.97 0.07
HOLTSVILLE_IC_10 23699	38.36 1.57 0.00	38.47 1.27 0.00	42.93 1.16 0.00	37.51 0.94 0.00	38.26 0.88 0.00	38.05 0.49 0.99	36.46 1.14 16.72	42.88 1.88 13.70	41.50 2.12 23.42	41.08 1.92 1.23	42.75 2.74 1.59	52.78 3.60 -6.11	52.66 3.47 -7.84	52.69 3.18 -12.34	47.74 2.90 -10.70	37.54 2.50 0.00	44.27 2.40 0.00	60.96 2.78 0.00	53.38 1.78 0.00	54.51 1.89 0.00	60.26 1.98 0.00	57.34 1.87 0.00	49.49 2.34 0.00	53.53 3.19 0.06
HOLTSVILLE_IC_2 23691	38.21 1.43 0.00	38.33 1.13 0.00	42.77 1.00 0.00	37.39 0.82 0.00	38.11 0.73 0.00	37.89 0.33 1.00	35.99 0.90 16.95	42.42 1.62 13.89	40.87 1.81 23.75	40.87 1.73 1.25	42.42 2.54 1.73	52.44 3.37 -6.00	52.32 3.26 -7.71	52.32 2.98 -12.16	47.41 2.73 -10.54	37.37 2.33 0.00	44.07 2.19 0.00	60.63 2.45 0.00	53.08 1.47 0.00	54.19 1.57 0.00	59.95 1.67 0.00	57.06 1.60 0.00	49.26 2.12 0.00	53.30 2.97 0.07
HOLTSVILLE_IC_3 23692	38.21 1.43 0.00	38.33 1.13 0.00	42.77 1.00 0.00	37.39 0.82 0.00	38.11 0.73 0.00	37.89 0.33 1.00	35.99 0.90 16.95	42.42 1.62 13.89	40.87 1.81 23.75	40.87 1.73 1.25	42.42 2.54 1.73	52.44 3.37 -6.00	52.32 3.26 -7.71	52.32 2.98 -12.16	47.41 2.73 -10.54	37.37 2.33 0.00	44.07 2.19 0.00	60.63 2.45 0.00	53.08 1.47 0.00	54.19 1.57 0.00	59.95 1.67 0.00	57.06 1.60 0.00	49.26 2.12 0.00	53.30 2.97 0.07
HOLTSVILLE_IC_4 23693	38.21 1.43 0.00	38.33 1.13 0.00	42.77 1.00 0.00	37.39 0.82 0.00	38.11 0.73 0.00	37.89 0.33 1.00	35.99 0.90 16.95	42.42 1.62 13.89	40.87 1.81 23.75	40.87 1.73 1.25	42.42 2.54 1.73	52.44 3.37 -6.00	52.32 3.26 -7.71	52.32 2.98 -12.16	47.41 2.73 -10.54	37.37 2.33 0.00	44.07 2.19 0.00	60.63 2.45 0.00	53.08 1.47 0.00	54.19 1.57 0.00	59.95 1.67 0.00	57.06 1.60 0.00	49.26 2.12 0.00	53.30 2.97 0.07
HOLTSVILLE_IC_5 23694	38.21 1.43 0.00	38.33 1.13 0.00	42.77 1.00 0.00	37.39 0.82 0.00	38.11 0.73 0.00	37.89 0.33 1.00	35.99 0.90 16.95	42.42 1.62 13.89	40.87 1.81 23.75	40.87 1.73 1.25	42.42 2.54 1.73	52.44 3.37 -6.00	52.32 3.26 -7.71	52.32 2.98 -12.16	47.41 2.73 -10.54	37.37 2.33 0.00	44.07 2.19 0.00	60.63 2.45 0.00	53.08 1.47 0.00	54.19 1.57 0.00	59.95 1.67 0.00	57.06 1.60 0.00	49.26 2.12 0.00	53.30 2.97 0.07
HOLTSVILLE_IC_6 23695	38.36 1.57 0.00	38.47 1.27 0.00	42.93 1.16 0.00	37.51 0.94 0.00	38.26 0.88 0.00	38.05 0.49 0.99	36.46 1.14 16.72	42.88 1.88 13.70	41.50 2.12 23.42	41.08 1.92 1.23	42.75 2.74 1.59	52.78 3.60 -6.11	52.66 3.47 -7.84	52.69 3.18 -12.34	47.74 2.90 -10.70	37.54 2.50 0.00	44.27 2.40 0.00	60.96 2.78 0.00	53.38 1.78 0.00	54.51 1.89 0.00	60.26 1.98 0.00	57.34 1.87 0.00	49.49 2.34 0.00	53.53 3.19 0.06
HOLTSVILLE_IC_7 23696	38.36 1.57 0.00	38.47 1.27 0.00	42.93 1.16 0.00	37.51 0.94 0.00	38.26 0.88 0.00	38.05 0.49 0.99	36.46 1.14 16.72	42.88 1.88 13.70	41.50 2.12 23.42	41.08 1.92 1.23	42.75 2.74 1.59	52.78 3.60 -6.11	52.66 3.47 -7.84	52.69 3.18 -12.34	47.74 2.90 -10.70	37.54 2.50 0.00	44.27 2.40 0.00	60.96 2.78 0.00	53.38 1.78 0.00	54.51 1.89 0.00	60.26 1.98 0.00	57.34 1.87 0.00	49.49 2.34 0.00	53.53 3.19 0.06
HOLTSVILLE_IC_8 23697	38.36 1.57 0.00	38.47 1.27 0.00	42.93 1.16 0.00	37.51 0.94 0.00	38.26 0.88 0.00	38.05 0.49 0.99	36.46 1.14 16.72	42.88 1.88 13.70	41.50 2.12 23.42	41.08 1.92 1.23	42.75 2.74 1.59	52.78 3.60 -6.11	52.66 3.47 -7.84	52.69 3.18 -12.34	47.74 2.90 -10.70	37.54 2.50 0.00	44.27 2.40 0.00	60.96 2.78 0.00	53.38 1.78 0.00	54.51 1.89 0.00	60.26 1.98 0.00	57.34 1.87 0.00	49.49 2.34 0.00	53.53 3.19 0.06
HOLTSVILLE_IC_9 23698	38.36 1.57 0.00	38.47 1.27 0.00	42.93 1.16 0.00	37.51 0.94 0.00	38.26 0.88 0.00	38.05 0.49 0.99	36.46 1.14 16.72	42.88 1.88 13.70	41.50 2.12 23.42	41.08 1.92 1.23	42.75 2.74 1.59	52.78 3.60 -6.11	52.66 3.47 -7.84	52.69 3.18 -12.34	47.74 2.90 -10.70	37.54 2.50 0.00	44.27 2.40 0.00	60.96 2.78 0.00	53.38 1.78 0.00	54.51 1.89 0.00	60.26 1.98 0.00	57.34 1.87 0.00	49.49 2.34 0.00	53.53 3.19 0.06
HOMER_HL_115KV_TB2 355744	35.58 -1.21 0.00	35.70 -1.49 0.00	40.41 -1.35 0.00	29.60 -1.33 5.64	36.26 -1.12 0.00	37.74 -0.82 0.00	46.39 -1.97 3.68	53.19 -1.50 0.00	61.02 -1.79 0.00	39.60 -0.79 0.00	40.81 -0.80 0.00	41.86 -1.21 0.00	40.36 -1.00 0.00	35.73 -1.45 0.00	32.74 -1.37 0.05	33.34 -1.70 0.00	34.35 -2.61 4.91	36.64 -3.86 17.68	40.01 -2.84 8.76	46.93 -2.98 2.71	40.87 -3.57 13.84	42.19 -3.33 9.94	44.99 -2.16 0.00	49.08 -1.32 0.00
HOWARD_WT_PWR 323690	36.02 -1.43 -0.65	35.83 -1.99 -0.63	40.23 -2.00 -0.46	22.41 -1.94 12.22	36.12 -1.60 -0.34	38.24 -1.03 -0.71	43.11 -2.00 6.92	54.80 -1.58 -1.69	62.16 -1.96 -1.32	39.97 -1.37 -0.95	39.99 -1.82 -0.21	40.54 -2.53 0.00	38.90 -2.46 0.00	34.69 -2.62 -0.13	32.06 -2.27 -0.18	32.38 -2.66 0.00	28.19 -3.49 10.20	16.53 -4.22 37.43	28.11 -3.24 20.26	46.12 -3.40 3.10	28.04 -4.44 25.80	26.73 -4.30 24.44	44.36 -2.78 0.00	48.09 -2.31 0.00
HQ_GEN_CEDARS 23644	37.81 1.03 0.00	38.29 1.09 0.00	43.00 1.24 0.00	37.66 1.09 0.00	38.48 1.10 0.00	39.69 1.14 0.00	53.39 1.36 0.00	55.32 0.63 0.00	64.37 1.57 0.00	41.32 0.93 0.00	42.55 0.95 0.00	43.91 0.84 0.00	42.28 0.93 0.00	37.97 0.80 0.00	34.78 0.63 0.00	35.78 0.74 0.00	42.67 0.79 0.00	59.52 1.34 0.00	52.97 1.36 0.00	54.06 1.45 0.00	59.88 1.60 0.00	57.03 1.57 0.00	48.58 1.43 0.00	51.88 1.48 0.00
HQ_GEN_CEDARS_PROXY 323590	37.82 1.03 0.00	38.29 1.09 0.00	43.00 1.24 0.00	37.66 1.08 0.00	38.48 1.10 0.00	39.69 1.14 0.00	53.39 1.35 0.00	55.32 0.63 0.00	64.36 1.56 0.00	41.32 0.93 0.00	42.55 0.95 0.00	43.91 0.84 0.00	42.28 0.93 0.00	37.97 0.80 0.00	34.78 0.64 0.00	35.78 0.74 0.00	42.67 0.80 0.00	59.52 1.34 0.00	52.97 1.36 0.00	54.07 1.45 0.00	59.88 1.60 0.00	57.04 1.58 0.00	48.58 1.43 0.00	51.88 1.48 0.00

HQ_GEN_IMPORT 323601	37.08 0.29 0.00	37.52 0.32 0.00	42.12 0.36 0.00	36.90 0.33 0.00	37.70 0.32 0.00	38.87 0.32 0.00	52.41 0.38 0.00	54.74 0.05 0.00	62.17 0.45 1.08	40.68 0.30 0.00	41.92 0.31 0.00	43.32 0.25 0.00	41.67 0.31 0.00	37.44 0.27 0.00	34.34 0.19 0.00	35.29 0.25 0.00	42.14 0.26 0.00	58.63 0.46 0.00	52.08 0.47 0.00	53.11 0.49 0.00	58.82 0.54 0.00	55.96 0.49 0.00	47.59 0.45 0.00	50.87 0.47 0.00
HQ_GEN_WHEEL 23651	37.08 0.29 0.00	37.52 0.32 0.00	42.12 0.36 0.00	36.90 0.33 0.00	37.70 0.32 0.00	38.87 0.32 0.00	52.41 0.38 0.00	54.74 0.05 0.00	62.17 0.45 1.08	40.68 0.30 0.00	41.92 0.31 0.00	43.32 0.25 0.00	41.67 0.31 0.00	37.44 0.27 0.00	34.34 0.19 0.00	35.29 0.25 0.00	42.14 0.26 0.00	58.63 0.46 0.00	52.08 0.47 0.00	53.11 0.49 0.00	58.82 0.54 0.00	55.96 0.49 0.00	47.59 0.45 0.00	50.87 0.47 0.00
HUDSON AVE_GT_3 23810	38.52 1.74 0.00	38.68 1.48 0.00	43.25 1.48 0.00	37.87 1.30 0.00	38.69 1.31 0.00	40.04 1.49 0.00	54.39 2.36 0.00	57.98 3.29 0.00	66.36 3.56 0.00	43.24 2.86 0.00	44.85 3.25 0.00	46.99 3.92 0.00	45.19 3.84 0.00	40.66 3.49 0.00	37.40 3.26 0.00	38.18 3.14 0.00	45.14 3.27 0.00	61.90 3.72 0.00	54.52 2.91 0.00	55.46 2.84 0.00	61.13 2.85 0.00	58.28 2.82 0.00	50.00 2.85 0.00	53.56 3.16 0.00
HUDSON AVE_GT_4 23540	38.52 1.74 0.00	38.68 1.48 0.00	43.25 1.48 0.00	37.87 1.30 0.00	38.69 1.31 0.00	40.04 1.49 0.00	54.39 2.36 0.00	57.98 3.29 0.00	66.36 3.56 0.00	43.24 2.86 0.00	44.85 3.25 0.00	46.99 3.92 0.00	45.19 3.84 0.00	40.66 3.49 0.00	37.40 3.26 0.00	38.18 3.14 0.00	45.14 3.27 0.00	61.90 3.72 0.00	54.52 2.91 0.00	55.46 2.84 0.00	61.13 2.85 0.00	58.28 2.82 0.00	50.00 2.85 0.00	53.56 3.16 0.00
HUDSON AVE_GT_5 23657	38.52 1.74 0.00	38.68 1.48 0.00	43.25 1.48 0.00	37.87 1.30 0.00	38.69 1.31 0.00	40.04 1.49 0.00	54.39 2.36 0.00	57.98 3.29 0.00	66.36 3.56 0.00	43.24 2.86 0.00	44.85 3.25 0.00	46.99 3.92 0.00	45.19 3.84 0.00	40.66 3.49 0.00	37.40 3.26 0.00	38.18 3.14 0.00	45.14 3.27 0.00	61.90 3.72 0.00	54.52 2.91 0.00	55.46 2.84 0.00	61.13 2.85 0.00	58.28 2.82 0.00	50.00 2.85 0.00	53.56 3.16 0.00
HUDSON_AVE_10 24168	38.33 1.55 0.00	38.49 1.30 0.00	43.02 1.26 0.00	37.70 1.13 0.00	38.52 1.14 0.00	39.88 1.33 0.00	54.16 2.13 0.00	57.77 3.07 0.00	66.08 3.28 0.00	43.07 2.68 0.00	44.67 3.07 0.00	46.81 3.74 0.00	45.03 3.67 0.00	40.51 3.34 0.00	37.26 3.12 0.00	38.03 2.99 0.00	44.95 3.08 0.00	61.62 3.44 0.00	54.31 2.70 0.00	55.25 2.63 0.00	60.93 2.65 0.00	58.12 2.66 0.00	49.88 2.73 0.00	53.48 3.08 0.00
HUDSON___115KV_TB 4 355613	37.59 0.80 0.00	38.02 0.82 0.00	42.61 0.85 0.00	37.40 0.83 0.00	38.18 0.80 0.00	39.35 0.79 0.00	53.32 1.28 0.00	56.42 1.73 0.00	64.36 1.56 0.00	41.07 0.69 0.00	42.02 0.42 0.00	43.52 0.45 0.00	41.63 0.28 0.00	37.56 0.38 0.00	34.69 0.54 0.00	35.60 0.56 0.00	42.72 0.84 0.00	59.62 1.45 0.00	53.00 1.39 0.00	54.06 1.45 0.00	60.01 1.73 0.00	57.03 1.56 0.00	48.09 0.95 0.00	51.25 0.85 0.00
HUNTER MOUNT___DRP 323613	37.67 0.88 0.00	38.11 0.92 0.00	42.72 0.95 0.00	37.50 0.93 0.00	38.29 0.91 0.00	39.46 0.91 0.00	53.50 1.47 0.00	56.63 1.94 0.00	64.58 1.78 0.00	41.14 0.75 0.00	42.02 0.41 0.00	43.44 0.37 0.00	41.55 0.19 0.00	37.46 0.28 0.00	34.62 0.48 0.00	35.55 0.51 0.00	42.78 0.91 0.00	59.78 1.61 0.00	53.20 1.59 0.00	54.26 1.64 0.00	60.24 1.96 0.00	57.19 1.72 0.00	48.17 1.03 0.00	51.31 0.91 0.00
HUNTINGTON_RES_REC 323705	38.15 1.36 0.00	38.31 1.11 0.00	42.74 0.98 0.00	37.36 0.79 0.00	38.11 0.73 0.00	37.91 0.34 0.98	36.24 0.82 16.61	42.70 1.63 13.61	41.26 1.73 23.27	40.88 1.72 1.22	42.67 2.60 1.53	52.67 3.43 -6.16	52.58 3.32 -7.90	52.67 3.06 -12.43	47.70 2.78 -10.77	37.32 2.28 0.00	44.01 2.14 0.00	60.60 2.42 0.00	53.22 1.61 0.00	54.24 1.62 0.00	59.96 1.67 0.00	57.06 1.59 0.00	49.23 2.08 0.00	53.24 2.90 0.06
HUNTLEY___63 23557	35.23 -1.56 0.00	35.51 -1.69 0.00	40.26 -1.50 0.00	30.55 -1.37 4.65	36.05 -1.33 0.00	37.29 -1.27 0.00	45.65 -3.35 3.04	51.16 -3.53 0.00	58.89 -3.91 0.00	38.39 -1.99 0.00	39.64 -1.96 0.00	40.05 -3.02 0.00	38.70 -2.65 0.00	34.36 -2.82 0.00	31.26 -2.83 0.05	31.84 -3.20 0.00	33.33 -4.36 4.18	37.05 -6.14 15.00	39.33 -4.98 7.29	45.24 -4.99 2.39	40.52 -5.83 11.93	41.95 -5.19 8.32	43.53 -3.61 0.00	47.97 -2.43 0.00
HUNTLEY___64 23558	35.23 -1.56 0.00	35.51 -1.69 0.00	40.26 -1.50 0.00	30.55 -1.37 4.65	36.05 -1.33 0.00	37.29 -1.27 0.00	45.65 -3.35 3.04	51.16 -3.53 0.00	58.89 -3.91 0.00	38.39 -1.99 0.00	39.64 -1.96 0.00	40.05 -3.02 0.00	38.70 -2.65 0.00	34.36 -2.82 0.00	31.26 -2.83 0.05	31.84 -3.20 0.00	33.33 -4.36 4.18	37.05 -6.14 15.00	39.33 -4.98 7.29	45.24 -4.99 2.39	40.52 -5.83 11.93	41.95 -5.19 8.32	43.53 -3.61 0.00	47.97 -2.43 0.00
HUNTLEY___65 23559	35.23 -1.56 0.00	35.51 -1.69 0.00	40.26 -1.50 0.00	30.55 -1.37 4.65	36.05 -1.33 0.00	37.29 -1.27 0.00	45.65 -3.35 3.04	51.16 -3.53 0.00	58.89 -3.91 0.00	38.39 -1.99 0.00	39.64 -1.96 0.00	40.05 -3.02 0.00	38.70 -2.65 0.00	34.36 -2.82 0.00	31.26 -2.83 0.05	31.84 -3.20 0.00	33.33 -4.36 4.18	37.05 -6.14 15.00	39.33 -4.98 7.29	45.24 -4.99 2.39	40.52 -5.83 11.93	41.95 -5.19 8.32	43.53 -3.61 0.00	47.97 -2.43 0.00
HUNTLEY___66 23560	35.23 -1.56 0.00	35.51 -1.69 0.00	40.26 -1.50 0.00	30.55 -1.37 4.65	36.05 -1.33 0.00	37.29 -1.27 0.00	45.65 -3.35 3.04	51.16 -3.53 0.00	58.89 -3.91 0.00	38.39 -1.99 0.00	39.64 -1.96 0.00	40.05 -3.02 0.00	38.70 -2.65 0.00	34.36 -2.82 0.00	31.26 -2.83 0.05	31.84 -3.20 0.00	33.33 -4.36 4.18	37.05 -6.14 15.00	39.33 -4.98 7.29	45.24 -4.99 2.39	40.52 -5.83 11.93	41.95 -5.19 8.32	43.53 -3.61 0.00	47.97 -2.43 0.00
HUNTLEY___67 23561	34.90 -1.89 0.00	35.21 -1.98 0.00	39.94 -1.83 0.00	30.14 -1.69 4.74	35.75 -1.64 0.00	37.00 -1.55 0.00	45.29 -3.65 3.10	50.94 -3.75 0.00	58.74 -4.06 0.00	38.24 -2.14 0.00	39.51 -2.10 0.00	39.96 -3.11 0.00	38.63 -2.72 0.00	34.28 -2.89 0.00	31.19 -2.91 0.05	31.75 -3.29 0.00	33.18 -4.45 4.25	36.45 -6.35 15.37	38.96 -5.23 7.43	45.01 -5.19 2.42	39.98 -6.14 12.16	41.46 -5.54 8.47	43.27 -3.87 0.00	47.63 -2.77 0.00
HUNTLEY___68 23562	34.90 -1.89 0.00	35.21 -1.98 0.00	39.94 -1.83 0.00	30.14 -1.69 4.74	35.75 -1.64 0.00	37.00 -1.55 0.00	45.29 -3.65 3.10	50.94 -3.75 0.00	58.74 -4.06 0.00	38.24 -2.14 0.00	39.51 -2.10 0.00	39.96 -3.11 0.00	38.63 -2.72 0.00	34.28 -2.89 0.00	31.19 -2.91 0.05	31.75 -3.29 0.00	33.18 -4.45 4.25	36.45 -6.35 15.37	38.96 -5.23 7.43	45.01 -5.19 2.42	39.98 -6.14 12.16	41.46 -5.54 8.47	43.27 -3.87 0.00	47.63 -2.77 0.00

HYLAND___LFGE 323620	37.73 0.70 -0.24	37.77 0.34 -0.23	42.50 0.57 -0.17	30.11 0.38 6.85	38.14 0.64 -0.12	39.90 1.09 -0.26	49.15 1.20 4.08	57.08 1.75 -0.64	65.10 1.80 -0.50	40.70 -0.04 -0.36	40.93 -0.76 -0.08	41.67 -1.41 0.00	40.13 -1.23 0.00	35.71 -1.52 -0.05	32.63 -1.69 -0.17	32.52 -2.52 0.00	33.23 -3.44 5.20	34.60 -3.54 20.04	39.15 -1.45 11.01	50.40 -1.24 0.98	44.35 -1.81 12.12	40.61 -1.82 13.03	47.02 -0.12 0.00	51.21 0.81 0.00
INDECK___CORINTH 23802	37.75 0.95 0.00	38.22 1.02 0.00	42.76 1.00 0.00	37.50 0.93 0.00	38.44 1.06 0.00	39.67 1.12 0.00	54.02 1.99 0.00	56.78 2.09 0.00	64.25 1.45 0.00	40.83 0.45 0.00	41.87 0.27 0.00	43.43 0.36 0.00	41.38 0.03 0.00	37.28 0.11 0.00	34.54 0.40 0.00	35.56 0.52 0.00	42.98 1.11 0.00	60.07 1.90 0.00	53.25 1.64 0.00	54.35 1.73 0.00	60.17 1.89 0.00	57.10 1.64 0.00	47.99 0.85 0.00	51.17 0.78 0.00
INDECK___ILION 23567	37.56 0.78 0.00	38.02 0.83 0.00	42.70 0.94 0.00	37.38 0.81 0.00	38.24 0.86 0.00	39.41 0.86 0.00	53.29 1.25 0.00	56.30 1.61 0.00	64.03 1.22 0.00	40.77 0.39 0.00	41.78 0.18 0.00	43.34 0.27 0.00	41.58 0.22 0.00	37.34 0.16 0.00	34.37 0.22 0.00	35.30 0.26 0.00	42.50 0.62 0.00	59.53 1.35 0.00	52.97 1.36 0.00	53.90 1.28 0.00	59.64 1.36 0.00	56.71 1.25 0.00	48.06 0.92 0.00	51.32 0.92 0.00
INDECK___OLEAN 23982	34.43 -1.19 1.17	34.60 -1.47 1.13	39.60 -1.34 0.83	28.82 -1.32 6.42	35.66 -1.11 0.61	36.47 -0.81 1.28	44.01 -1.94 6.08	50.31 -1.49 2.90	58.82 -1.73 2.26	37.98 -0.77 1.63	40.43 -0.82 0.35	41.87 -1.21 0.00	40.37 -0.99 0.00	35.49 -1.45 0.23	32.74 -1.36 0.05	33.34 -1.70 0.00	33.41 -2.63 5.84	35.44 -3.86 18.88	38.43 -2.89 10.29	46.41 -2.97 3.24	40.84 -3.60 13.84	42.06 -3.46 9.94	44.99 -2.15 0.00	49.08 -1.32 0.00
INDECK___OSWEGO 23783	35.84 -0.95 0.00	36.23 -0.97 0.00	40.70 -1.06 0.00	35.61 -0.96 0.00	36.43 -0.95 0.00	37.64 -0.92 0.00	50.79 -1.25 0.00	53.52 -1.17 0.00	61.20 -1.60 0.00	39.24 -1.14 0.00	40.34 -1.27 0.00	41.72 -1.35 0.00	40.05 -1.31 0.00	35.95 -1.23 0.00	33.00 -1.15 0.00	33.84 -1.20 0.00	40.49 -1.38 0.00	56.50 -1.68 0.00	50.25 -1.36 0.00	51.24 -1.38 0.00	56.73 -1.55 0.00	53.95 -1.52 0.00	45.89 -1.25 0.00	49.06 -1.34 0.00
INDECK___YERKES 23781	34.62 -1.50 0.67	34.93 -1.62 0.64	39.84 -1.45 0.47	30.15 -1.32 5.10	35.75 -1.28 0.35	36.60 -1.22 0.73	44.36 -3.27 4.40	49.59 -3.47 1.63	57.74 -3.79 1.27	37.51 -1.95 0.92	39.46 -1.95 0.20	40.10 -2.97 0.00	38.74 -2.62 0.00	34.27 -2.78 0.13	31.29 -2.81 0.05	31.87 -3.17 0.00	32.84 -4.33 4.71	36.43 -6.08 15.67	38.44 -5.01 8.16	45.00 -4.93 2.69	40.51 -5.84 11.93	41.79 -5.35 8.32	43.58 -3.57 0.00	48.02 -2.38 0.00
INDIAN POINT_GT_1 24139	38.21 1.42 0.00	38.42 1.22 0.00	42.96 1.19 0.00	37.61 1.05 0.00	38.45 1.07 0.00	39.76 1.20 0.00	53.93 1.90 0.00	57.40 2.71 0.00	65.64 2.84 0.00	42.64 2.26 0.00	44.19 2.58 0.00	46.30 3.23 0.00	44.51 3.15 0.00	40.06 2.88 0.00	36.81 2.67 0.00	37.61 2.56 0.00	44.51 2.64 0.00	61.05 2.87 0.00	53.85 2.24 0.00	54.78 2.16 0.00	60.46 2.17 0.00	57.66 2.19 0.00	49.42 2.28 0.00	52.96 2.57 0.00
INDIAN POINT_GT_2 23659	38.21 1.42 0.00	38.42 1.22 0.00	42.96 1.19 0.00	37.61 1.05 0.00	38.45 1.07 0.00	39.76 1.20 0.00	53.93 1.90 0.00	57.40 2.71 0.00	65.64 2.84 0.00	42.64 2.26 0.00	44.19 2.58 0.00	46.30 3.23 0.00	44.51 3.15 0.00	40.06 2.88 0.00	36.81 2.67 0.00	37.61 2.56 0.00	44.51 2.64 0.00	61.05 2.87 0.00	53.85 2.24 0.00	54.78 2.16 0.00	60.46 2.17 0.00	57.66 2.19 0.00	49.42 2.28 0.00	52.96 2.57 0.00
INDIAN POINT_GT_3 24019	38.21 1.42 0.00	38.42 1.22 0.00	42.96 1.19 0.00	37.61 1.05 0.00	38.45 1.07 0.00	39.76 1.20 0.00	53.93 1.90 0.00	57.40 2.71 0.00	65.64 2.84 0.00	42.64 2.26 0.00	44.19 2.58 0.00	46.30 3.23 0.00	44.51 3.15 0.00	40.06 2.88 0.00	36.81 2.67 0.00	37.61 2.56 0.00	44.51 2.64 0.00	61.05 2.87 0.00	53.85 2.24 0.00	54.78 2.16 0.00	60.46 2.17 0.00	57.66 2.19 0.00	49.42 2.28 0.00	52.96 2.57 0.00
INDIAN POINT___2 23530	38.20 1.41 0.00	38.40 1.20 0.00	42.94 1.18 0.00	37.60 1.03 0.00	38.44 1.06 0.00	39.76 1.20 0.00	53.91 1.88 0.00	57.37 2.68 0.00	65.58 2.78 0.00	42.60 2.22 0.00	44.16 2.55 0.00	46.27 3.20 0.00	44.48 3.12 0.00	40.03 2.86 0.00	36.79 2.64 0.00	37.57 2.53 0.00	44.47 2.59 0.00	60.97 2.79 0.00	53.79 2.18 0.00	54.70 2.08 0.00	60.39 2.11 0.00	57.60 2.13 0.00	49.39 2.25 0.00	52.94 2.54 0.00
INDIAN POINT___3 23531	38.19 1.41 0.00	38.41 1.22 0.00	42.98 1.22 0.00	37.63 1.06 0.00	38.46 1.08 0.00	39.76 1.21 0.00	53.93 1.90 0.00	57.39 2.69 0.00	65.63 2.83 0.00	42.65 2.26 0.00	44.20 2.60 0.00	46.31 3.24 0.00	44.51 3.16 0.00	40.06 2.89 0.00	36.82 2.68 0.00	37.61 2.57 0.00	44.52 2.64 0.00	61.06 2.88 0.00	53.85 2.24 0.00	54.78 2.16 0.00	60.46 2.18 0.00	57.66 2.20 0.00	49.42 2.28 0.00	52.97 2.57 0.00
INGHAM_C_115KV_TB7 356103	38.56 1.78 0.00	39.05 1.85 0.00	43.87 2.11 0.00	38.38 1.81 0.00	39.31 1.93 0.00	40.49 1.94 0.00	54.84 2.81 0.00	58.13 3.44 0.00	65.54 2.74 0.00	41.16 0.77 0.00	41.79 0.18 0.00	43.42 0.35 0.00	41.65 0.29 0.00	37.33 0.16 0.00	34.44 0.29 0.00	35.47 0.43 0.00	43.08 1.21 0.00	61.04 2.87 0.00	54.59 2.98 0.00	55.46 2.84 0.00	61.33 3.05 0.00	58.30 2.83 0.00	49.25 2.11 0.00	52.53 2.13 0.00
IP CORINTH___1 23988	37.96 1.17 0.00	38.43 1.23 0.00	42.98 1.22 0.00	37.69 1.12 0.00	38.64 1.26 0.00	39.90 1.35 0.00	54.32 2.29 0.00	57.09 2.40 0.00	64.62 1.82 0.00	41.07 0.69 0.00	42.09 0.49 0.00	43.65 0.58 0.00	41.59 0.23 0.00	37.47 0.29 0.00	34.71 0.57 0.00	35.74 0.70 0.00	43.22 1.35 0.00	60.37 2.20 0.00	53.54 1.93 0.00	54.65 2.03 0.00	60.49 2.21 0.00	57.43 1.96 0.00	48.26 1.11 0.00	51.44 1.04 0.00
IP___TICONDEROGA 23804	39.73 2.94 0.00	40.09 2.90 0.00	44.60 2.83 0.00	39.13 2.56 0.00	40.58 3.20 0.00	42.96 4.40 0.00	59.99 7.95 0.00	61.70 7.01 0.00	66.89 4.09 0.00	41.67 1.29 0.00	42.61 1.00 0.00	44.40 1.33 0.00	41.70 0.35 0.00	37.67 0.50 0.00	35.75 1.61 0.00	37.31 2.26 0.00	45.78 3.91 0.00	63.66 5.48 0.00	57.00 5.39 0.00	58.46 5.84 0.00	64.00 5.72 0.00	60.05 4.58 0.00	49.68 2.54 0.00	52.88 2.48 0.00
ISLIP_RES_REC 323679	38.49 1.70 0.00	38.60 1.41 0.00	43.06 1.30 0.00	37.64 1.07 0.00	38.40 1.02 0.00	38.21 0.64 0.98	36.84 1.36 16.56	43.26 2.14 13.58	42.01 2.42 23.21	41.29 2.12 1.22	43.05 2.93 1.49	53.07 3.82 -6.18	52.94 3.67 -7.92	53.00 3.36 -12.46	47.99 3.05 -10.80	37.70 2.66 0.00	44.47 2.59 0.00	61.27 3.09 0.00	53.65 2.04 0.00	54.77 2.15 0.00	60.55 2.26 0.00	57.59 2.12 0.00	49.68 2.54 0.00	53.73 3.39 0.06

JAMAICA__27_KV_LOAD 355505	38.45 1.66 0.00	38.59 1.39 0.00	43.10 1.34 0.00	37.76 1.18 0.00	38.56 1.17 0.00	39.95 1.40 0.00	54.25 2.21 0.00	57.91 3.22 0.00	66.09 3.29 0.00	43.07 2.69 0.00	44.67 3.07 0.00	46.84 3.77 0.00	45.09 3.74 0.00	40.52 3.35 0.00	37.29 3.14 0.00	38.04 3.00 0.00	44.93 3.06 0.00	61.59 3.41 0.00	54.33 2.72 0.00	55.34 2.73 0.00	61.03 2.74 0.00	58.28 2.82 0.00	50.13 2.99 0.00	53.91 3.51 0.00
JANIS__SOLAR 323808	38.36 1.31 -0.27	38.72 1.26 -0.26	43.50 1.54 -0.19	47.78 1.18 -10.03	38.85 1.33 -0.14	40.47 1.62 -0.29	61.41 2.38 -6.99	58.35 2.94 -0.71	66.19 2.83 -0.56	42.21 1.42 -0.40	42.30 0.60 -0.09	43.49 0.41 0.00	41.77 0.41 0.00	37.55 0.32 -0.06	34.28 0.12 -0.01	35.21 0.17 0.00	53.46 0.68 -10.90	91.77 1.78 -31.81	71.17 2.08 -17.48	59.31 2.11 -4.58	87.34 2.14 -26.92	81.13 1.92 -23.75	48.79 1.65 0.00	52.32 1.93 0.00
JARVIS____ 23743	36.86 0.07 0.00	37.27 0.07 0.00	41.85 0.08 0.00	36.64 0.07 0.00	37.46 0.08 0.00	38.63 0.08 0.00	52.18 0.14 0.00	54.97 0.28 0.00	62.92 0.11 0.00	40.42 0.04 0.00	41.66 0.06 0.00	43.17 0.10 0.00	41.42 0.06 0.00	37.25 0.07 0.00	34.24 0.09 0.00	35.11 0.07 0.00	42.00 0.12 0.00	58.34 0.17 0.00	51.74 0.13 0.00	52.73 0.10 0.00	58.41 0.12 0.00	55.59 0.13 0.00	47.23 0.09 0.00	50.49 0.09 0.00
JENNISON____1 23625	38.01 1.22 0.00	38.36 1.16 0.00	43.25 1.49 0.00	40.36 0.99 -2.80	38.44 1.06 0.00	39.91 1.36 0.00	55.85 1.99 -1.83	57.23 2.54 0.00	65.35 2.55 0.00	41.98 1.60 0.00	43.08 1.48 0.00	44.56 1.49 0.00	42.82 1.46 0.00	38.40 1.23 0.00	35.19 1.04 -0.01	36.05 1.01 0.00	46.10 1.44 -2.79	67.41 2.13 -7.11	56.66 1.67 -3.38	54.99 1.52 -0.85	65.73 1.58 -5.87	62.78 1.55 -5.77	48.50 1.36 0.00	52.21 1.81 0.00
JENNISON____2 23626	38.01 1.22 0.00	38.36 1.16 0.00	43.25 1.49 0.00	40.36 0.99 -2.80	38.44 1.06 0.00	39.91 1.36 0.00	55.85 1.99 -1.83	57.23 2.54 0.00	65.35 2.55 0.00	41.98 1.60 0.00	43.08 1.48 0.00	44.56 1.49 0.00	42.82 1.46 0.00	38.40 1.23 0.00	35.19 1.04 -0.01	36.05 1.01 0.00	46.10 1.44 -2.79	67.41 2.13 -7.11	56.66 1.67 -3.38	54.99 1.52 -0.85	65.73 1.58 -5.87	62.78 1.55 -5.77	48.50 1.36 0.00	52.21 1.81 0.00
JERICOHO_RISE_WT_PWR 323719	37.35 0.56 0.00	37.84 0.64 0.00	42.45 0.69 0.00	37.18 0.61 0.00	37.92 0.54 0.00	39.05 0.50 0.00	52.31 0.27 0.00	54.26 -0.43 0.00	62.87 0.06 0.00	40.51 0.13 0.00	41.72 0.11 0.00	43.09 0.02 0.00	41.54 0.18 0.00	37.36 0.19 0.00	34.23 0.08 0.00	35.24 0.20 0.00	41.99 0.12 0.00	58.53 0.36 0.00	52.07 0.46 0.00	53.04 0.42 0.00	58.73 0.45 0.00	55.83 0.37 0.00	47.59 0.44 0.00	50.91 0.51 0.00
KATONAH__115KV_46KV_TB4 355592	38.35 1.56 0.00	38.57 1.37 0.00	43.16 1.39 0.00	37.78 1.21 0.00	38.62 1.24 0.00	39.94 1.38 0.00	54.20 2.17 0.00	57.70 3.00 0.00	66.00 3.20 0.00	42.88 2.50 0.00	44.44 2.83 0.00	46.53 3.46 0.00	44.70 3.35 0.00	40.22 3.05 0.00	36.98 2.83 0.00	37.78 2.74 0.00	44.74 2.87 0.00	61.44 3.26 0.00	54.24 2.63 0.00	55.14 2.52 0.00	60.84 2.56 0.00	57.98 2.51 0.00	49.65 2.50 0.00	53.17 2.77 0.00
KCE_NY_1 323755	38.12 1.33 0.00	38.55 1.35 0.00	43.16 1.40 0.00	37.82 1.25 0.00	38.69 1.31 0.00	39.95 1.40 0.00	54.25 2.21 0.00	57.15 2.46 0.00	64.99 2.19 0.00	41.48 1.10 0.00	42.55 0.94 0.00	44.10 1.03 0.00	42.13 0.77 0.00	37.95 0.77 0.00	35.07 0.92 0.00	36.04 1.00 0.00	43.47 1.59 0.00	60.57 2.40 0.00	53.68 2.07 0.00	54.70 2.08 0.00	60.72 2.43 0.00	57.70 2.23 0.00	48.60 1.45 0.00	51.77 1.37 0.00
KCE_NY_6_ESR 323823	34.46 -1.57 0.76	34.77 -1.69 0.73	39.71 -1.52 0.54	29.49 -1.47 5.62	35.59 -1.39 0.40	36.51 -1.21 0.83	44.11 -3.03 4.89	49.82 -3.00 1.87	58.15 -3.19 1.46	37.65 -1.69 1.06	39.64 -1.74 0.23	40.37 -2.71 0.00	39.03 -2.33 0.00	34.46 -2.57 0.15	31.55 -2.54 0.06	32.14 -2.90 0.00	32.71 -3.98 5.19	35.44 -5.60 17.14	38.05 -4.58 8.99	45.17 -4.45 3.00	39.74 -5.40 13.14	41.43 -4.93 9.11	43.81 -3.34 0.00	48.09 -2.30 0.00
KEDC_PORT_JEFF_GT2 24210	38.25 1.46 0.00	38.37 1.18 0.00	42.81 1.05 0.00	37.42 0.85 0.00	38.15 0.77 0.00	37.95 0.39 0.99	36.24 1.00 16.80	42.65 1.73 13.77	41.20 1.94 23.54	40.95 1.80 1.24	42.59 2.62 1.64	52.62 3.48 -6.07	52.51 3.36 -7.79	52.52 3.07 -12.28	47.58 2.80 -10.64	37.44 2.40 0.00	44.14 2.27 0.00	60.76 2.59 0.00	53.23 1.62 0.00	54.35 1.73 0.00	60.08 1.79 0.00	57.17 1.71 0.00	49.35 2.20 0.00	53.37 3.04 0.06
KEDC_PORT_JEFF_GT3 24211	38.25 1.46 0.00	38.37 1.18 0.00	42.81 1.05 0.00	37.42 0.85 0.00	38.15 0.77 0.00	37.95 0.39 0.99	36.24 1.00 16.80	42.65 1.73 13.77	41.20 1.94 23.54	40.95 1.80 1.24	42.59 2.62 1.64	52.62 3.48 -6.07	52.51 3.36 -7.79	52.52 3.07 -12.28	47.58 2.80 -10.64	37.44 2.40 0.00	44.14 2.27 0.00	60.76 2.59 0.00	53.23 1.62 0.00	54.35 1.73 0.00	60.08 1.79 0.00	57.17 1.71 0.00	49.35 2.20 0.00	53.37 3.04 0.06
KEDC_GLWD_GT4 24219	38.51 1.71 -0.01	38.68 1.48 0.00	43.23 1.46 0.00	37.82 1.25 0.00	38.64 1.26 0.00	39.44 1.23 0.34	48.48 1.98 5.54	53.39 2.87 4.17	58.67 3.09 7.22	42.54 2.54 0.38	49.09 3.15 -4.33	58.68 3.84 -11.76	59.86 3.74 -14.76	63.14 3.41 -22.55	56.79 3.16 -19.49	37.94 2.90 0.00	44.86 2.99 0.00	61.60 3.42 0.00	54.27 2.67 0.00	55.20 2.58 0.00	60.96 2.68 0.00	58.08 2.61 0.00	49.89 2.74 -0.01	53.63 3.09 -0.14
KEDC_GLWD_GT5 24220	38.51 1.71 -0.01	38.68 1.48 0.00	43.23 1.46 0.00	37.82 1.25 0.00	38.64 1.26 0.00	39.44 1.23 0.34	48.48 1.98 5.54	53.39 2.87 4.17	58.67 3.09 7.22	42.54 2.54 0.38	49.09 3.15 -4.33	58.68 3.84 -11.76	59.86 3.74 -14.76	63.14 3.41 -22.55	56.79 3.16 -19.49	37.94 2.90 0.00	44.86 2.99 0.00	61.60 3.42 0.00	54.27 2.67 0.00	55.20 2.58 0.00	60.96 2.68 0.00	58.08 2.61 0.00	49.89 2.74 -0.01	53.63 3.09 -0.14
KENSICO____ 23655	38.28 1.49 0.00	38.49 1.29 0.00	43.05 1.29 0.00	37.68 1.11 0.00	38.52 1.14 0.00	39.82 1.27 0.00	54.03 2.00 0.00	57.52 2.83 0.00	65.78 2.99 0.00	42.77 2.39 0.00	44.36 2.75 0.00	46.45 3.38 0.00	44.65 3.30 0.00	40.20 3.03 0.00	36.95 2.80 0.00	37.73 2.69 0.00	44.66 2.78 0.00	61.25 3.07 0.00	54.02 2.41 0.00	54.94 2.31 0.00	60.63 2.34 0.00	57.80 2.33 0.00	49.54 2.40 0.00	53.07 2.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.53 1.74 0.00	38.76 1.57 0.00	43.44 1.67 0.00	38.03 1.46 0.00	38.89 1.51 0.00	40.22 1.66 0.00	54.60 2.57 0.00	58.08 3.39 0.00	66.36 3.56 0.00	42.85 2.47 0.00	44.13 2.52 0.00	45.99 2.92 0.00	44.12 2.76 0.00	39.44 2.27 0.00	36.34 2.19 0.00	37.14 2.10 0.00	44.22 2.35 0.00	60.99 2.81 0.00	54.00 2.39 0.00	55.01 2.39 0.00	60.81 2.53 0.00	58.28 2.81 0.00	49.80 2.66 0.00	53.29 2.90 0.00

KIAC_JFK_GT1 23816	38.23 1.44 0.00	38.38 1.18 0.00	42.87 1.11 0.00	37.55 0.98 0.00	38.34 0.96 0.00	39.67 1.11 0.00	53.71 1.68 0.00	57.34 2.65 0.00	65.45 2.65 0.00	42.66 2.28 0.00	44.42 2.82 0.00	46.59 3.51 0.00	44.84 3.49 0.00	40.29 3.12 0.00	37.08 2.94 0.00	37.79 2.75 0.00	44.53 2.65 0.00	61.01 2.84 0.00	53.80 2.20 0.00	54.81 2.19 0.00	60.44 2.16 0.00	57.72 2.25 0.00	49.66 2.52 0.00	53.58 3.18 0.00
KIAC_JFK_GT2 23817	38.23 1.44 0.00	38.38 1.18 0.00	42.87 1.11 0.00	37.55 0.98 0.00	38.34 0.96 0.00	39.67 1.11 0.00	53.71 1.68 0.00	57.34 2.65 0.00	65.45 2.65 0.00	42.66 2.28 0.00	44.42 2.82 0.00	46.59 3.51 0.00	44.84 3.49 0.00	40.29 3.12 0.00	37.08 2.94 0.00	37.79 2.75 0.00	44.53 2.65 0.00	61.01 2.84 0.00	53.80 2.20 0.00	54.81 2.19 0.00	60.44 2.16 0.00	57.72 2.25 0.00	49.66 2.52 0.00	53.58 3.18 0.00
KIAC_JFK____ 323774	38.22 1.43 0.00	38.37 1.17 0.00	42.86 1.10 0.00	37.55 0.98 0.00	38.33 0.95 0.00	39.66 1.11 0.00	53.70 1.67 0.00	57.34 2.65 0.00	65.44 2.64 0.00	42.66 2.27 0.00	44.43 2.82 0.00	46.58 3.51 0.00	44.84 3.48 0.00	40.29 3.12 0.00	37.08 2.94 0.00	37.78 2.74 0.00	44.53 2.66 0.00	61.01 2.83 0.00	53.80 2.20 0.00	54.81 2.18 0.00	60.45 2.16 0.00	57.71 2.25 0.00	49.66 2.52 0.00	53.58 3.18 0.00
KINTIGH__24_KV_GSU 356498	34.58 -1.64 0.57	34.93 -1.72 0.55	39.77 -1.59 0.40	30.82 -1.45 4.30	35.68 -1.40 0.29	36.60 -1.33 0.62	45.15 -3.16 3.73	50.05 -3.25 1.39	58.22 -3.50 1.09	37.73 -1.87 0.79	39.59 -1.85 0.17	40.33 -2.74 0.00	38.94 -2.41 0.00	34.49 -2.58 0.11	31.49 -2.62 0.04	32.08 -2.96 0.00	33.91 -4.00 3.97	38.70 -5.64 13.84	40.03 -4.66 6.91	45.83 -4.59 2.20	42.67 -5.46 10.15	43.41 -4.99 7.07	43.70 -3.44 0.00	47.93 -2.47 0.00
KINTIGH____ 23543	35.11 -1.68 0.00	35.43 -1.77 0.00	40.14 -1.63 0.00	31.17 -1.48 3.92	35.95 -1.43 0.00	37.18 -1.37 0.00	46.26 -3.21 2.56	51.39 -3.31 0.00	59.23 -3.58 0.00	38.49 -1.90 0.00	39.74 -1.86 0.00	40.30 -2.77 0.00	38.91 -2.44 0.00	34.57 -2.60 0.00	31.47 -2.65 0.04	32.05 -2.99 0.00	34.32 -4.03 3.52	39.22 -5.70 13.26	40.75 -4.69 6.17	46.05 -4.62 1.95	42.63 -5.51 10.15	43.39 -5.00 7.07	43.67 -3.47 0.00	47.89 -2.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.71 0.92 0.00	38.19 0.99 0.00	42.83 1.06 0.00	37.48 0.91 0.00	38.19 0.80 0.00	39.28 0.73 0.00	52.48 0.45 0.00	54.44 -0.25 0.00	62.98 0.17 0.00	40.66 0.28 0.00	41.99 0.38 0.00	43.29 0.22 0.00	41.64 0.28 0.00	37.44 0.26 0.00	34.32 0.18 0.00	35.32 0.28 0.00	42.07 0.19 0.00	58.70 0.52 0.00	52.29 0.68 0.00	53.31 0.69 0.00	59.02 0.73 0.00	56.14 0.67 0.00	48.02 0.88 0.00	51.41 1.01 0.00
LACHUTE____HYDRO 323717	39.73 2.94 0.00	40.09 2.90 0.00	44.59 2.83 0.00	39.13 2.56 0.00	40.58 3.20 0.00	42.96 4.40 0.00	59.99 7.95 0.00	61.70 7.00 0.00	66.89 4.09 0.00	41.67 1.28 0.00	42.61 1.00 0.00	44.40 1.33 0.00	41.70 0.35 0.00	37.67 0.50 0.00	35.75 1.61 0.00	37.30 2.27 0.00	45.78 3.91 0.00	63.65 5.47 0.00	57.00 5.39 0.00	58.46 5.84 0.00	63.99 5.71 0.00	60.03 4.57 0.00	49.68 2.54 0.00	52.87 2.47 0.00
LAWRNCALV_115KV_TB1 80681	38.16 1.37 0.00	38.68 1.49 0.00	43.45 1.68 0.00	38.04 1.47 0.00	38.88 1.50 0.00	40.12 1.57 0.00	53.99 1.96 0.00	55.96 1.27 0.00	64.86 2.06 0.00	41.35 0.97 0.00	42.52 0.92 0.00	43.88 0.80 0.00	42.25 0.89 0.00	37.92 0.74 0.00	34.71 0.56 0.00	35.68 0.64 0.00	42.40 0.53 0.00	59.25 1.07 0.00	52.86 1.25 0.00	54.01 1.39 0.00	59.98 1.70 0.00	57.43 1.97 0.00	49.10 1.96 0.00	52.43 2.03 0.00
LEDERLE____ 23769	38.43 1.64 0.00	38.63 1.43 0.00	43.23 1.46 0.00	37.83 1.26 0.00	38.68 1.30 0.00	40.03 1.47 0.00	54.30 2.26 0.00	57.80 3.11 0.00	66.08 3.28 0.00	42.90 2.52 0.00	44.46 2.86 0.00	46.60 3.53 0.00	44.83 3.47 0.00	40.34 3.16 0.00	37.05 2.91 0.00	37.87 2.83 0.00	44.81 2.94 0.00	61.44 3.27 0.00	54.20 2.59 0.00	55.13 2.51 0.00	60.85 2.56 0.00	58.02 2.56 0.00	49.74 2.60 0.00	53.31 2.91 0.00
LIGHTHSE_115KV_TB6 355974	36.71 -0.08 0.00	37.15 -0.04 0.00	41.78 0.01 0.00	36.54 -0.03 0.00	37.39 0.01 0.00	38.65 0.09 0.00	52.14 0.10 0.00	54.76 0.07 0.00	62.37 -0.44 0.00	39.74 -0.65 0.00	40.74 -0.86 0.00	42.10 -0.98 0.00	40.41 -0.95 0.00	36.23 -0.95 0.00	33.20 -0.94 0.00	34.02 -1.02 0.00	40.72 -1.15 0.00	57.39 -0.79 0.00	51.36 -0.25 0.00	52.47 -0.15 0.00	58.17 -0.11 0.00	55.33 -0.13 0.00	47.11 -0.04 0.00	50.37 -0.03 0.00
LINDEN COGEN____ 23786	38.29 1.50 0.00	38.43 1.24 0.00	42.96 1.19 0.00	37.65 1.08 0.00	38.45 1.07 0.00	39.84 1.29 0.00	54.12 2.09 0.00	57.68 2.99 0.00	66.04 3.24 0.00	43.05 2.67 0.00	44.69 3.08 0.00	46.81 3.74 0.00	45.02 3.66 0.00	40.52 3.35 0.00	37.30 3.15 0.00	38.05 3.01 0.00	44.97 3.09 0.00	61.64 3.47 0.00	54.30 2.69 0.00	55.21 2.59 0.00	60.89 2.61 0.00	58.02 2.56 0.00	49.79 2.65 0.00	52.64 2.93 0.69
LINDHRST_69_KV_BK1 356055	38.78 1.99 0.00	38.91 1.72 0.00	43.44 1.67 0.00	37.96 1.39 0.00	38.75 1.37 0.00	38.82 1.10 0.83	40.00 1.83 13.86	46.56 2.77 10.91	47.00 2.96 18.76	41.88 2.49 0.99	45.40 3.27 -0.53	54.91 4.12 -7.71	55.08 3.99 -9.73	55.78 3.64 -14.96	50.41 3.33 -12.94	38.01 2.97 0.00	44.90 3.02 0.00	61.78 3.60 0.00	54.41 2.80 0.00	55.33 2.71 0.00	61.10 2.82 0.00	58.18 2.71 0.00	50.20 3.05 0.00	54.21 3.76 -0.05
LIPA_MISC_IPP 23656	38.26 1.47 0.00	38.35 1.16 0.00	42.78 1.02 0.00	37.38 0.81 0.00	38.10 0.72 0.00	37.84 0.28 1.00	36.08 0.95 16.91	42.41 1.58 13.86	40.97 1.87 23.69	40.86 1.72 1.24	42.38 2.48 1.71	52.45 3.37 -6.02	52.33 3.24 -7.73	52.33 2.97 -12.19	47.42 2.71 -10.56	37.38 2.33 0.00	44.07 2.20 0.00	60.67 2.50 0.00	52.98 1.37 0.00	54.19 1.57 0.00	59.95 1.66 0.00	57.06 1.60 0.00	49.27 2.13 0.00	53.29 2.96 0.07
LISF____SOLAR 323691	38.31 1.52 0.00	38.40 1.21 0.00	42.85 1.08 0.00	37.45 0.88 0.00	38.16 0.77 0.00	37.91 0.35 1.00	36.21 1.04 16.87	42.54 1.67 13.83	41.12 1.95 23.64	40.90 1.76 1.24	42.47 2.54 1.68	52.54 3.43 -6.04	52.43 3.32 -7.75	52.43 3.03 -12.22	47.50 2.76 -10.59	37.44 2.40 0.00	44.16 2.29 0.00	60.81 2.63 0.00	53.09 1.48 0.00	54.29 1.67 0.00	60.07 1.79 0.00	57.17 1.71 0.00	49.37 2.23 0.00	53.39 3.06 0.06
LITTLE FALLS____HYD 24013	38.56 1.78 0.00	39.05 1.85 0.00	43.87 2.11 0.00	38.38 1.81 0.00	39.31 1.93 0.00	40.49 1.94 0.00	54.84 2.81 0.00	58.13 3.44 0.00	65.54 2.74 0.00	41.16 0.77 0.00	41.79 0.18 0.00	43.42 0.35 0.00	41.65 0.29 0.00	37.33 0.16 0.00	34.44 0.29 0.00	35.47 0.43 0.00	43.08 1.21 0.00	61.04 2.87 0.00	54.59 2.98 0.00	55.46 2.84 0.00	61.33 3.05 0.00	58.30 2.83 0.00	49.25 2.11 0.00	52.53 2.13 0.00

LITTLRIV_115KV_TB1 356100	38.65 1.87 0.00	39.20 2.00 0.00	44.04 2.28 0.00	38.54 1.97 0.00	39.41 2.03 0.00	40.71 2.15 0.00	54.84 2.80 0.00	56.85 2.16 0.00	65.79 2.99 0.00	41.63 1.25 0.00	42.67 1.07 0.00	44.01 0.94 0.00	42.41 1.05 0.00	38.08 0.91 0.00	34.84 0.69 0.00	35.81 0.77 0.00	42.57 0.70 0.00	59.90 1.72 0.00	53.70 2.10 0.00	54.90 2.28 0.00	60.93 2.65 0.00	58.30 2.84 0.00	49.81 2.67 0.00	53.15 2.76 0.00
LI_NEWBRDGE___DRP 323616	38.20 1.41 0.01	38.36 1.16 0.00	42.82 1.05 0.00	37.45 0.87 0.00	38.21 0.83 0.00	38.10 0.61 1.07	34.97 1.14 18.20	41.76 2.00 14.93	39.37 2.10 25.52	40.97 1.93 1.34	41.79 2.67 2.50	51.89 3.43 -5.40	51.67 3.33 -6.99	51.38 3.05 -11.16	46.62 2.80 -9.68	37.46 2.41 0.00	44.23 2.36 0.00	60.80 2.62 0.00	53.49 1.88 0.00	54.45 1.83 0.00	60.18 1.90 0.00	57.31 1.85 0.00	49.39 2.25 0.00	53.13 2.85 0.11
LOCKPORT_115KV_TB60_63_64 80432	35.02 -1.77 0.00	35.36 -1.83 0.00	40.11 -1.66 0.00	30.80 -1.44 4.33	35.96 -1.42 0.00	37.07 -1.49 0.00	45.57 -3.64 2.83	50.82 -3.88 0.00	58.62 -4.18 0.00	38.12 -2.27 0.00	39.33 -2.28 0.00	39.71 -3.37 0.00	38.39 -2.97 0.00	34.06 -3.11 0.00	31.05 -3.05 0.04	31.60 -3.45 0.00	33.39 -4.58 3.90	37.80 -6.52 13.86	39.55 -5.26 6.80	45.18 -5.24 2.20	41.10 -6.15 11.03	42.26 -5.43 7.77	43.17 -3.97 0.00	47.66 -2.73 0.00
LOCKPORT___CC1 323769	34.44 -1.78 0.57	34.80 -1.85 0.54	39.67 -1.70 0.40	30.27 -1.50 4.80	35.62 -1.46 0.29	36.43 -1.50 0.62	44.34 -3.65 4.05	49.42 -3.89 1.39	57.57 -4.15 1.08	37.34 -2.26 0.78	39.13 -2.31 0.17	39.71 -3.36 0.00	38.39 -2.97 0.00	33.96 -3.10 0.11	31.03 -3.07 0.05	31.58 -3.46 0.00	32.80 -4.63 4.44	36.86 -6.55 14.77	38.49 -5.43 7.68	44.79 -5.29 2.53	40.63 -6.31 11.35	41.74 -5.79 7.93	43.14 -4.00 0.00	47.61 -2.79 0.00
LOCKPORT___CC2 323770	34.44 -1.78 0.57	34.80 -1.85 0.54	39.67 -1.70 0.40	30.27 -1.50 4.80	35.62 -1.46 0.29	36.43 -1.50 0.62	44.34 -3.65 4.05	49.42 -3.89 1.39	57.57 -4.15 1.08	37.34 -2.26 0.78	39.13 -2.31 0.17	39.71 -3.36 0.00	38.39 -2.97 0.00	33.96 -3.10 0.11	31.03 -3.07 0.05	31.58 -3.46 0.00	32.80 -4.63 4.44	36.86 -6.55 14.77	38.49 -5.43 7.68	44.79 -5.29 2.53	40.63 -6.31 11.35	41.74 -5.79 7.93	43.14 -4.00 0.00	47.61 -2.79 0.00
LOCKPORT___CC3 323771	34.44 -1.78 0.57	34.80 -1.85 0.54	39.67 -1.70 0.40	30.27 -1.50 4.80	35.62 -1.46 0.29	36.43 -1.50 0.62	44.34 -3.65 4.05	49.42 -3.89 1.39	57.57 -4.15 1.08	37.34 -2.26 0.78	39.13 -2.31 0.17	39.71 -3.36 0.00	38.39 -2.97 0.00	33.96 -3.10 0.11	31.03 -3.07 0.05	31.58 -3.46 0.00	32.80 -4.63 4.44	36.86 -6.55 14.77	38.49 -5.43 7.68	44.79 -5.29 2.53	40.63 -6.31 11.35	41.74 -5.79 7.93	43.14 -4.00 0.00	47.61 -2.79 0.00
LOCUSVLY_69_KV_BK2 55797	38.50 1.71 -0.01	38.66 1.46 0.00	43.19 1.42 0.00	37.77 1.20 0.00	38.57 1.19 0.00	39.10 1.05 0.51	45.32 1.75 8.46	50.71 2.63 6.62	54.24 2.83 11.39	42.18 2.39 0.60	47.59 3.12 -2.86	57.24 3.87 -10.30	58.08 3.76 -12.97	60.50 3.44 -19.88	54.48 3.15 -17.19	37.86 2.82 0.00	44.72 2.85 0.00	61.43 3.25 0.00	54.11 2.50 0.00	55.06 2.44 0.00	60.82 2.54 0.00	57.92 2.46 0.00	49.82 2.68 0.00	53.69 3.20 -0.10
LONG_LAKE_PHOENIX 24014	35.98 -0.81 0.00	36.34 -0.86 0.00	40.85 -0.92 0.00	35.73 -0.85 0.00	36.56 -0.82 0.00	37.78 -0.77 0.00	50.99 -1.04 0.00	53.80 -0.90 0.00	61.55 -1.25 0.00	39.48 -0.90 0.00	40.58 -1.03 0.00	41.94 -1.14 0.00	40.25 -1.10 0.00	36.13 -1.05 0.00	33.16 -0.98 0.00	34.00 -1.04 0.00	40.73 -1.15 0.00	56.77 -1.40 0.00	50.46 -1.14 0.00	51.47 -1.15 0.00	56.94 -1.34 0.00	54.14 -1.33 0.00	46.05 -1.09 0.00	49.22 -1.18 0.00
LOVETT___3 23632	38.21 1.42 0.00	38.41 1.22 0.00	42.99 1.22 0.00	37.63 1.06 0.00	38.46 1.08 0.00	39.77 1.22 0.00	53.95 1.92 0.00	57.41 2.72 0.00	65.64 2.84 0.00	42.65 2.27 0.00	44.21 2.60 0.00	46.34 3.27 0.00	44.55 3.19 0.00	40.09 2.91 0.00	36.83 2.69 0.00	37.63 2.59 0.00	44.52 2.65 0.00	61.04 2.86 0.00	53.84 2.23 0.00	54.76 2.14 0.00	60.45 2.16 0.00	57.66 2.19 0.00	49.44 2.30 0.00	52.98 2.58 0.00
LOVETT___4 23642	38.21 1.42 0.00	38.41 1.22 0.00	42.99 1.22 0.00	37.63 1.06 0.00	38.46 1.08 0.00	39.77 1.22 0.00	53.95 1.92 0.00	57.41 2.72 0.00	65.64 2.84 0.00	42.65 2.27 0.00	44.21 2.60 0.00	46.34 3.27 0.00	44.55 3.19 0.00	40.09 2.91 0.00	36.83 2.69 0.00	37.63 2.59 0.00	44.52 2.65 0.00	61.04 2.86 0.00	53.84 2.23 0.00	54.76 2.14 0.00	60.45 2.16 0.00	57.66 2.19 0.00	49.44 2.30 0.00	52.98 2.58 0.00
LOVETT___5 23593	38.21 1.42 0.00	38.41 1.22 0.00	42.99 1.22 0.00	37.63 1.06 0.00	38.46 1.08 0.00	39.77 1.22 0.00	53.95 1.92 0.00	57.41 2.72 0.00	65.64 2.84 0.00	42.65 2.27 0.00	44.21 2.60 0.00	46.34 3.27 0.00	44.55 3.19 0.00	40.09 2.91 0.00	36.83 2.69 0.00	37.63 2.59 0.00	44.52 2.65 0.00	61.04 2.86 0.00	53.84 2.23 0.00	54.76 2.14 0.00	60.45 2.16 0.00	57.66 2.19 0.00	49.44 2.30 0.00	52.98 2.58 0.00
LOWER RAQUET___HYD 24057	38.27 1.49 0.00	38.80 1.61 0.00	43.59 1.83 0.00	38.15 1.58 0.00	39.01 1.63 0.00	40.26 1.70 0.00	54.16 2.13 0.00	56.16 1.47 0.00	65.00 2.20 0.00	41.36 0.97 0.00	42.49 0.89 0.00	43.86 0.78 0.00	42.22 0.86 0.00	37.90 0.72 0.00	34.67 0.53 0.00	35.64 0.60 0.00	42.32 0.45 0.00	59.17 0.99 0.00	52.81 1.20 0.00	53.97 1.35 0.00	60.02 1.73 0.00	57.59 2.12 0.00	49.26 2.12 0.00	52.59 2.19 0.00
LOWER___HUDSON 24059	37.64 0.85 0.00	38.08 0.88 0.00	42.60 0.83 0.00	37.34 0.77 0.00	38.12 0.74 0.00	39.31 0.76 0.00	53.16 1.13 0.00	56.14 1.45 0.00	64.01 1.21 0.00	41.05 0.67 0.00	42.21 0.60 0.00	43.81 0.74 0.00	41.77 0.41 0.00	37.69 0.51 0.00	34.85 0.71 0.00	35.79 0.75 0.00	43.02 1.15 0.00	59.65 1.48 0.00	52.75 1.14 0.00	53.84 1.22 0.00	59.93 1.65 0.00	57.01 1.54 0.00	47.92 0.78 0.00	51.07 0.67 0.00
LOWVILLE_115KV_TB2 356335	38.11 1.32 0.00	38.73 1.54 0.00	43.59 1.83 0.00	38.13 1.56 0.00	39.01 1.63 0.00	40.27 1.72 0.00	54.40 2.36 0.00	56.79 2.10 0.00	64.43 1.62 0.00	40.60 0.21 0.00	41.71 0.10 0.00	43.25 0.18 0.00	41.47 0.12 0.00	37.09 -0.08 0.00	33.96 -0.19 0.00	34.76 -0.28 0.00	41.58 -0.29 0.00	59.16 0.98 0.00	53.24 1.63 0.00	54.47 1.85 0.00	60.32 2.04 0.00	57.58 2.12 0.00	49.15 2.00 0.00	52.55 2.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.11 1.32 0.00	38.54 1.35 0.00	43.16 1.39 0.00	37.82 1.25 0.00	38.68 1.30 0.00	39.93 1.38 0.00	54.13 2.09 0.00	57.06 2.37 0.00	64.95 2.15 0.00	41.46 1.08 0.00	42.54 0.93 0.00	44.10 1.02 0.00	42.12 0.76 0.00	37.94 0.76 0.00	35.06 0.92 0.00	36.04 1.00 0.00	43.45 1.58 0.00	60.52 2.34 0.00	53.61 2.00 0.00	54.66 2.05 0.00	60.68 2.40 0.00	57.68 2.21 0.00	48.57 1.43 0.00	51.78 1.39 0.00

LUTHERNY_35_KV_BK2 355980	38.12 1.33 0.00	38.55 1.35 0.00	43.16 1.40 0.00	37.82 1.25 0.00	38.69 1.31 0.00	39.95 1.40 0.00	54.25 2.22 0.00	57.15 2.46 0.00	64.99 2.19 0.00	41.48 1.10 0.00	42.55 0.94 0.00	44.10 1.03 0.00	42.12 0.77 0.00	37.95 0.78 0.00	35.07 0.92 0.00	36.04 1.00 0.00	43.47 1.60 0.00	60.57 2.40 0.00	53.67 2.06 0.00	54.70 2.09 0.00	60.71 2.43 0.00	57.70 2.23 0.00	48.59 1.45 0.00	51.77 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.10 1.53 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.47 1.67 0.00	40.79 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.07 1.46 0.00	60.04 1.75 0.00	57.59 2.13 0.00	49.21 2.07 0.00	52.57 2.18 0.00
LYONS_FALL_HYD 23570	37.92 1.13 0.00	38.47 1.28 0.00	43.27 1.50 0.00	37.86 1.29 0.00	38.73 1.35 0.00	40.01 1.46 0.00	54.14 2.10 0.00	56.68 1.99 0.00	64.46 1.66 0.00	40.83 0.44 0.00	41.93 0.33 0.00	43.45 0.38 0.00	41.68 0.32 0.00	37.32 0.14 0.00	34.21 0.06 0.00	35.04 0.00 0.00	42.02 0.14 0.00	59.37 1.19 0.00	53.16 1.55 0.00	54.31 1.69 0.00	60.12 1.83 0.00	57.30 1.83 0.00	48.83 1.69 0.00	52.18 1.78 0.00
MADISON___COUNTY_LFGE 323628	37.74 0.95 0.00	38.18 0.99 0.00	42.93 1.17 0.00	37.61 1.04 0.00	38.49 1.11 0.00	39.82 1.27 0.00	54.05 2.01 0.00	56.97 2.28 0.00	64.86 2.06 0.00	41.29 0.91 0.00	42.29 0.68 0.00	43.71 0.63 0.00	41.95 0.59 0.00	37.63 0.46 0.00	34.54 0.39 0.00	35.41 0.37 0.00	43.14 0.75 -0.52	59.81 1.63 0.00	53.28 1.67 0.00	54.27 1.66 0.00	61.09 1.72 -1.09	58.90 1.63 -1.82	48.52 1.38 0.00	51.85 1.45 0.00
MALONE___115KV_TB1 356076	38.03 1.24 0.00	38.52 1.33 0.00	43.24 1.47 0.00	37.86 1.29 0.00	38.64 1.26 0.00	39.84 1.28 0.00	53.49 1.45 0.00	55.57 0.88 0.00	64.39 1.59 0.00	41.29 0.91 0.00	42.45 0.84 0.00	43.81 0.74 0.00	42.14 0.78 0.00	37.86 0.69 0.00	34.67 0.52 0.00	35.65 0.61 0.00	42.50 0.63 0.00	59.46 1.28 0.00	53.06 1.45 0.00	54.12 1.50 0.00	59.95 1.67 0.00	57.08 1.62 0.00	48.65 1.51 0.00	52.01 1.61 0.00
MAPLEWOD_115KV_TB3 80458	37.43 0.64 0.00	37.86 0.67 0.00	42.39 0.62 0.00	37.18 0.61 0.00	37.94 0.56 0.00	39.10 0.55 0.00	52.88 0.85 0.00	55.88 1.19 0.00	63.81 1.01 0.00	41.00 0.61 0.00	42.17 0.56 0.00	43.76 0.68 0.00	41.80 0.44 0.00	37.72 0.55 0.00	34.83 0.69 0.00	35.76 0.71 0.00	42.87 1.00 0.00	59.41 1.23 0.00	52.56 0.96 0.00	53.61 1.00 0.00	59.61 1.33 0.00	56.70 1.24 0.00	47.80 0.66 0.00	50.96 0.56 0.00
MAPLE_RIDGE_WT_1 323574	36.83 0.05 0.00	37.30 0.10 0.00	41.89 0.12 0.00	36.68 0.11 0.00	37.48 0.10 0.00	38.63 0.07 0.00	52.08 0.04 0.00	54.58 -0.11 0.00	62.74 -0.07 0.00	40.37 -0.01 0.00	41.64 0.04 0.00	43.10 0.02 0.00	41.43 0.07 0.00	37.21 0.04 0.00	34.14 0.00 0.00	35.05 0.01 0.00	41.85 -0.03 0.00	58.19 0.02 0.00	51.66 0.05 0.00	52.65 0.03 0.00	58.32 0.04 0.00	55.51 0.05 0.00	47.24 0.10 0.00	50.45 0.05 0.00
MAPLE_RIDGE_WT_2 323611	36.83 0.05 0.00	37.30 0.10 0.00	41.89 0.12 0.00	36.68 0.11 0.00	37.48 0.10 0.00	38.63 0.07 0.00	52.08 0.04 0.00	54.58 -0.11 0.00	62.74 -0.07 0.00	40.37 -0.01 0.00	41.64 0.04 0.00	43.10 0.02 0.00	41.43 0.07 0.00	37.21 0.04 0.00	34.14 0.00 0.00	35.05 0.01 0.00	41.85 -0.03 0.00	58.19 0.02 0.00	51.66 0.05 0.00	52.65 0.03 0.00	58.32 0.04 0.00	55.51 0.05 0.00	47.24 0.10 0.00	50.45 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	37.34 0.55 0.00	37.82 0.63 0.00	42.45 0.68 0.00	37.16 0.59 0.00	37.88 0.50 0.00	39.01 0.45 0.00	52.19 0.16 0.00	54.13 -0.56 0.00	62.66 -0.14 0.00	40.44 0.06 0.00	41.67 0.07 0.00	43.06 -0.01 0.00	41.48 0.12 0.00	37.31 0.14 0.00	34.20 0.05 0.00	35.20 0.16 0.00	41.92 0.05 0.00	58.41 0.23 0.00	51.93 0.32 0.00	52.88 0.27 0.00	58.55 0.27 0.00	55.68 0.21 0.00	47.51 0.36 0.00	50.86 0.46 0.00
MARSHVLE_115KV_TB1 80742	37.44 0.65 0.00	37.91 0.71 0.00	42.66 0.90 0.00	37.35 0.78 0.00	38.23 0.85 0.00	39.50 0.94 0.00	53.43 1.40 0.00	56.27 1.58 0.00	64.18 1.38 0.00	40.55 0.17 0.00	41.88 0.28 0.00	42.94 -0.13 0.00	41.43 0.08 0.00	37.31 0.13 0.00	34.01 -0.14 0.00	34.78 -0.26 0.00	41.77 -0.10 0.00	58.66 0.49 0.00	52.97 1.36 0.00	53.91 1.30 0.00	59.43 1.15 0.00	56.59 1.12 0.00	48.12 0.98 0.00	51.40 1.00 0.00
MARSH_HILL_WT_PWR 323713	35.92 -1.49 -0.62	35.74 -2.05 -0.60	40.13 -2.07 -0.44	23.04 -2.01 11.53	36.04 -1.66 -0.32	38.12 -1.11 -0.68	43.37 -2.14 6.52	54.56 -1.75 -1.61	61.93 -2.13 -1.26	39.84 -1.46 -0.91	39.89 -1.91 -0.20	40.44 -2.63 0.00	38.81 -2.55 0.00	34.59 -2.71 -0.13	32.00 -2.35 -0.20	32.31 -2.73 0.00	28.84 -3.61 9.43	18.72 -4.39 35.07	29.21 -3.38 19.02	46.46 -3.55 2.61	30.13 -4.61 23.53	28.07 -4.47 22.93	44.22 -2.92 0.00	48.00 -2.39 0.00
MCINTYRE_115KV_TB2 80467	38.73 1.94 0.00	39.27 2.08 0.00	44.12 2.36 0.00	38.62 2.05 0.00	39.50 2.12 0.00	40.81 2.25 0.00	55.01 2.98 0.00	57.01 2.32 0.00	66.03 3.23 0.00	41.71 1.33 0.00	42.77 1.17 0.00	44.09 1.02 0.00	42.50 1.14 0.00	38.17 0.99 0.00	34.92 0.78 0.00	35.92 0.88 0.00	42.76 0.89 0.00	60.29 2.11 0.00	54.15 2.54 0.00	55.35 2.73 0.00	61.34 3.06 0.00	58.54 3.08 0.00	49.94 2.80 0.00	53.26 2.87 0.00
MECO_____69_KV_BK1 80468	38.21 1.42 0.00	38.65 1.46 0.00	43.43 1.66 0.00	38.04 1.46 0.00	38.95 1.57 0.00	40.27 1.72 0.00	54.64 2.60 0.00	57.67 2.98 0.00	65.45 2.65 0.00	41.10 0.71 0.00	41.86 0.25 0.00	42.95 -0.12 0.00	41.58 0.22 0.00	37.35 0.17 0.00	34.08 -0.06 0.00	34.94 -0.10 0.00	42.23 0.36 0.00	60.00 1.82 0.00	54.23 2.62 0.00	55.25 2.63 0.00	60.95 2.66 0.00	57.95 2.48 0.00	49.12 1.98 0.00	52.37 1.97 0.00
MENANDS___115KV_TB5 355628	37.25 0.46 0.00	37.68 0.49 0.00	42.19 0.42 0.00	37.02 0.45 0.00	37.76 0.38 0.00	38.90 0.34 0.00	52.60 0.56 0.00	55.59 0.90 0.00	63.49 0.69 0.00	40.82 0.43 0.00	42.03 0.42 0.00	43.64 0.56 0.00	41.68 0.32 0.00	37.63 0.46 0.00	34.76 0.62 0.00	35.67 0.63 0.00	42.72 0.85 0.00	59.13 0.95 0.00	52.27 0.66 0.00	53.34 0.71 0.00	59.30 1.02 0.00	56.43 0.96 0.00	47.56 0.41 0.00	50.70 0.30 0.00
MG INDUSTRY___DRP 24185	37.27 0.48 0.00	37.72 0.53 0.00	42.31 0.55 0.00	37.10 0.53 0.00	37.87 0.49 0.00	38.98 0.43 0.00	52.69 0.65 0.00	55.62 0.93 0.00	63.51 0.71 0.00	40.77 0.39 0.00	41.96 0.36 0.00	43.56 0.49 0.00	41.71 0.35 0.00	37.61 0.43 0.00	34.68 0.54 0.00	35.59 0.55 0.00	42.64 0.77 0.00	59.08 0.90 0.00	52.28 0.67 0.00	53.29 0.67 0.00	59.19 0.91 0.00	56.33 0.87 0.00	47.67 0.53 0.00	50.91 0.51 0.00

MID___OSWEGATCHIE_HYD 23849	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.10 1.53 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.47 1.67 0.00	40.79 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.07 1.46 0.00	60.04 1.75 0.00	57.59 2.13 0.00	49.21 2.07 0.00	52.57 2.18 0.00
MID___RAQUETTE_HYD 23851	38.27 1.49 0.00	38.80 1.61 0.00	43.59 1.83 0.00	38.15 1.58 0.00	39.01 1.63 0.00	40.26 1.70 0.00	54.16 2.13 0.00	56.16 1.47 0.00	65.01 2.21 0.00	41.36 0.97 0.00	42.50 0.89 0.00	43.85 0.78 0.00	42.23 0.87 0.00	37.90 0.72 0.00	34.67 0.53 0.00	35.64 0.60 0.00	42.32 0.44 0.00	59.17 0.99 0.00	52.81 1.20 0.00	53.97 1.35 0.00	60.02 1.74 0.00	57.59 2.12 0.00	49.26 2.12 0.00	52.60 2.20 0.00
MILLIKEN___1 23584	37.23 0.44 0.00	37.59 0.40 0.00	42.31 0.54 0.00	48.34 0.35 -11.41	37.82 0.44 0.00	39.16 0.61 0.00	60.40 0.90 -7.46	55.96 1.27 0.00	63.90 1.10 0.00	40.88 0.49 0.00	41.79 0.18 0.00	43.08 0.00 0.00	41.36 0.00 0.00	37.12 -0.05 0.00	34.01 -0.15 -0.01	34.89 -0.15 0.00	54.41 0.03 -12.51	96.14 0.47 -37.49	72.93 0.71 -20.61	58.68 0.71 -5.35	91.06 0.66 -32.11	84.16 0.60 -28.09	47.69 0.55 0.00	51.13 0.73 0.00
MILLIKEN___2 23585	37.23 0.44 0.00	37.59 0.40 0.00	42.31 0.54 0.00	48.34 0.35 -11.41	37.82 0.44 0.00	39.16 0.61 0.00	60.40 0.90 -7.46	55.96 1.27 0.00	63.90 1.10 0.00	40.88 0.49 0.00	41.79 0.18 0.00	43.08 0.00 0.00	41.36 0.00 0.00	37.12 -0.05 0.00	34.01 -0.15 -0.01	34.89 -0.15 0.00	54.41 0.03 -12.51	96.14 0.47 -37.49	72.93 0.71 -20.61	58.68 0.71 -5.35	91.06 0.66 -32.11	84.16 0.60 -28.09	47.69 0.55 0.00	51.13 0.73 0.00
MILLIKEN___DIESEL 23629	37.23 0.44 0.00	37.59 0.40 0.00	42.31 0.54 0.00	48.34 0.35 -11.41	37.82 0.44 0.00	39.16 0.61 0.00	60.40 0.90 -7.46	55.96 1.27 0.00	63.90 1.10 0.00	40.88 0.49 0.00	41.79 0.18 0.00	43.08 0.00 0.00	41.36 0.00 0.00	37.12 -0.05 0.00	34.01 -0.15 -0.01	34.89 -0.15 0.00	54.41 0.03 -12.51	96.14 0.47 -37.49	72.93 0.71 -20.61	58.68 0.71 -5.35	91.06 0.66 -32.11	84.16 0.60 -28.09	47.69 0.55 0.00	51.13 0.73 0.00
MILLSEAT___LFGE 323607	35.31 -0.97 0.51	35.66 -1.05 0.49	40.57 -0.84 0.36	31.45 -0.75 4.37	36.44 -0.67 0.26	37.38 -2.11 0.55	46.25 -2.13 3.67	51.32 -2.25 1.24	59.59 -1.36 0.97	38.32 -1.65 0.70	39.81 -1.65 0.15	40.41 -2.67 0.00	39.05 -2.31 0.00	34.58 -2.49 0.10	31.60 -2.51 0.04	32.17 -2.87 0.00	34.14 -3.71 4.03	40.09 -4.80 13.28	40.94 -3.68 6.99	46.89 -3.50 2.23	43.81 -4.35 10.12	44.17 -4.06 7.24	44.43 -2.71 0.00	48.80 -1.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.23 1.44 0.00	38.43 1.24 0.00	43.00 1.23 0.00	37.65 1.08 0.00	38.49 1.11 0.00	39.78 1.23 0.00	53.98 1.94 0.00	57.44 2.75 0.00	65.71 2.91 0.00	42.70 2.32 0.00	44.27 2.67 0.00	46.37 3.30 0.00	44.57 3.21 0.00	40.11 2.94 0.00	36.87 2.73 0.00	37.66 2.62 0.00	44.58 2.71 0.00	61.15 2.97 0.00	53.94 2.33 0.00	54.85 2.23 0.00	60.55 2.27 0.00	57.72 2.26 0.00	49.47 2.33 0.00	53.01 2.61 0.00
MILLWOOD_13_KV_LOAD 356217	38.31 1.52 0.00	38.52 1.33 0.00	43.09 1.32 0.00	37.71 1.14 0.00	38.56 1.18 0.00	39.87 1.31 0.00	54.10 2.06 0.00	57.59 2.90 0.00	65.88 3.08 0.00	42.80 2.42 0.00	44.36 2.75 0.00	46.45 3.38 0.00	44.66 3.31 0.00	40.18 3.01 0.00	36.94 2.79 0.00	37.73 2.69 0.00	44.67 2.80 0.00	61.29 3.11 0.00	54.06 2.45 0.00	54.99 2.37 0.00	60.70 2.42 0.00	57.85 2.38 0.00	49.58 2.43 0.00	53.11 2.71 0.00
MODEL_CITY_ENERGY 24167	34.12 -2.05 0.62	34.50 -2.10 0.59	39.36 -1.97 0.44	30.00 -1.70 4.88	35.38 -1.68 0.32	36.06 -1.82 0.67	43.69 -4.16 4.18	48.65 -4.52 1.52	56.77 -4.85 1.18	36.86 -2.67 0.85	38.77 -2.65 0.18	39.35 -3.72 0.00	38.05 -3.31 0.00	33.65 -3.41 0.12	30.80 -3.30 0.05	31.32 -3.72 0.00	32.41 -4.96 4.50	36.05 -7.14 14.99	37.77 -6.03 7.81	44.22 -5.85 2.55	39.94 -6.94 11.40	41.09 -6.38 7.99	42.67 -4.47 0.00	47.20 -3.20 0.00
MODERN_LFGE___ 323580	34.12 -2.05 0.62	34.50 -2.10 0.59	39.36 -1.97 0.44	30.00 -1.70 4.88	35.38 -1.68 0.32	36.06 -1.82 0.67	43.69 -4.16 4.18	48.65 -4.52 1.52	56.77 -4.85 1.18	36.86 -2.67 0.85	38.77 -2.65 0.18	39.35 -3.72 0.00	38.05 -3.31 0.00	33.65 -3.41 0.12	30.80 -3.30 0.05	31.32 -3.72 0.00	32.41 -4.96 4.50	36.05 -7.14 14.99	37.77 -6.03 7.81	44.22 -5.85 2.55	39.94 -6.94 11.40	41.09 -6.38 7.99	42.67 -4.47 0.00	47.20 -3.20 0.00
MOHAWK_PAPER___DRP 24187	37.43 0.64 0.00	37.86 0.67 0.00	42.39 0.62 0.00	37.18 0.61 0.00	37.94 0.56 0.00	39.10 0.55 0.00	52.88 0.85 0.00	55.88 1.19 0.00	63.81 1.01 0.00	41.00 0.61 0.00	42.17 0.56 0.00	43.76 0.68 0.00	41.80 0.44 0.00	37.72 0.55 0.00	34.83 0.69 0.00	35.76 0.71 0.00	42.87 1.00 0.00	59.41 1.23 0.00	52.56 0.96 0.00	53.61 1.00 0.00	59.61 1.33 0.00	56.70 1.24 0.00	47.80 0.66 0.00	50.96 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	38.26 1.47 0.00	38.71 1.51 0.00	43.28 1.51 0.00	37.94 1.37 0.00	38.92 1.55 0.00	40.14 1.58 0.00	54.49 2.46 0.00	57.34 2.65 0.00	64.99 2.19 0.00	41.34 0.95 0.00	42.35 0.75 0.00	43.92 0.85 0.00	41.87 0.51 0.00	37.71 0.54 0.00	34.92 0.78 0.00	35.95 0.91 0.00	43.48 1.61 0.00	60.83 2.65 0.00	53.81 2.20 0.00	54.89 2.27 0.00	60.92 2.64 0.00	57.92 2.46 0.00	48.59 1.44 0.00	51.77 1.37 0.00
MONGAUP___HYD 23641	38.56 1.78 0.00	38.79 1.60 0.00	43.44 1.68 0.00	38.04 1.47 0.00	38.90 1.52 0.00	40.24 1.69 0.00	54.60 2.57 0.00	58.07 3.38 0.00	66.28 3.48 0.00	42.61 2.23 0.00	43.76 2.16 0.00	45.70 2.62 0.00	43.88 2.52 0.00	39.53 2.36 0.00	36.32 2.18 0.00	37.13 2.09 0.00	44.27 2.40 0.00	61.27 3.09 0.00	54.40 2.80 0.00	55.43 2.81 0.00	61.23 2.95 0.00	58.30 2.84 0.00	49.85 2.71 0.00	53.35 2.95 0.00
MONTAUK___DIESEL 23721	38.58 1.80 0.00	38.22 1.02 0.00	42.75 0.99 0.00	37.06 0.49 0.00	37.35 -0.03 0.00	36.94 -0.62 1.00	34.92 -0.22 16.89	41.36 0.51 13.85	39.88 0.74 23.67	39.89 0.75 1.24	41.42 1.52 1.70	51.49 2.39 -6.03	51.39 2.29 -7.74	51.41 2.04 -12.20	46.52 1.80 -10.58	36.51 1.47 0.00	43.15 1.28 0.00	59.55 1.38 0.00	51.95 0.34 0.00	53.10 0.48 0.00	58.68 0.40 0.00	55.79 0.32 0.00	48.03 0.88 0.00	51.95 1.62 0.07
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.60 -2.19 0.00	34.87 -2.33 0.00	39.65 -2.12 0.00	29.28 -1.99 5.31	35.69 -1.69 0.00	37.27 -1.28 0.00	45.65 -2.92 3.47	52.28 -2.41 0.00	60.05 -2.75 0.00	39.16 -1.23 0.00	40.57 -1.04 0.00	41.32 -1.76 0.00	39.79 -1.57 0.00	35.30 -1.88 0.00	32.32 -1.77 0.05	33.03 -2.01 0.00	34.08 -3.11 4.69	36.66 -4.65 16.86	39.35 -3.97 8.28	45.40 -4.58 2.64	39.68 -5.29 13.31	41.23 -4.81 9.42	43.90 -3.24 0.00	48.32 -2.08 0.00

MORRIS_RIDGE___SOLAR 323848	35.46 -1.67 -0.34	35.48 -2.04 -0.33	39.96 -2.04 -0.24	26.82 -1.98 7.77	35.81 -1.75 -0.18	37.49 -1.43 -0.37	44.75 -2.76 4.52	53.05 -2.55 -0.90	60.44 -3.06 -0.71	38.84 -2.06 -0.51	39.23 -2.49 -0.11	39.85 -3.22 0.00	38.42 -2.94 0.00	34.20 -3.04 -0.07	31.17 -2.73 0.25	31.96 -3.08 0.00	30.08 -4.05 7.75	27.61 -5.14 25.43	35.34 -4.04 12.23	42.85 -4.12 5.65	28.93 -5.09 24.27	36.16 -4.77 14.53	43.88 -3.26 0.00	47.88 -2.52 0.00
MORTIMER_115KV_TB3 55949	36.03 -0.76 0.00	36.37 -0.83 0.00	41.03 -0.74 0.00	33.08 -0.69 2.79	36.74 -0.64 0.00	38.05 -0.51 0.00	48.96 -1.26 1.83	53.62 -1.07 0.00	61.58 -1.22 0.00	39.59 -0.79 0.00	40.72 -0.89 0.00	41.60 -1.47 0.00	40.09 -1.26 0.00	35.79 -1.38 0.00	32.68 -1.46 0.00	33.40 -1.64 0.00	37.34 -2.07 2.46	47.36 -2.62 8.19	45.18 -2.01 4.41	49.56 -1.95 1.12	49.56 -2.48 6.24	48.04 -2.35 5.08	45.52 -1.63 0.00	49.25 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.41 1.62 0.00	38.59 1.39 0.00	43.16 1.39 0.00	37.79 1.22 0.00	38.62 1.24 0.00	39.96 1.41 0.00	54.24 2.21 0.00	57.80 3.11 0.00	66.15 3.34 0.00	43.07 2.68 0.00	44.68 3.08 0.00	46.81 3.74 0.00	45.01 3.65 0.00	40.51 3.33 0.00	37.25 3.11 0.00	38.02 2.98 0.00	44.97 3.09 0.00	61.67 3.49 0.00	54.34 2.73 0.00	55.25 2.63 0.00	60.95 2.67 0.00	58.11 2.65 0.00	49.84 2.70 0.00	53.40 3.01 0.00
MUNSVILLE_WIND_PWR 323609	39.31 2.28 -0.24	39.73 2.31 -0.23	44.70 2.77 -0.17	45.19 2.15 -6.47	39.82 2.32 -0.12	41.56 2.74 -0.26	60.65 3.99 -4.62	60.07 4.72 -0.66	68.07 4.76 -0.52	43.43 2.68 -0.38	43.79 2.10 -0.08	45.18 2.11 0.00	43.39 2.03 0.00	39.00 1.77 -0.05	35.56 1.40 -0.01	36.42 1.38 0.00	51.16 2.35 -6.93	81.68 3.96 -19.54	65.87 3.69 -10.57	59.08 3.66 -2.80	78.50 3.78 -16.43	73.59 3.40 -14.72	50.01 2.87 0.00	53.70 3.30 0.00
N SALMON___HYD 24042	38.03 1.24 0.00	38.52 1.33 0.00	43.23 1.47 0.00	37.86 1.29 0.00	38.64 1.26 0.00	39.84 1.28 0.00	53.49 1.45 0.00	55.57 0.88 0.00	64.38 1.58 0.00	41.29 0.91 0.00	42.45 0.84 0.00	43.81 0.74 0.00	42.14 0.78 0.00	37.87 0.69 0.00	34.67 0.52 0.00	35.65 0.61 0.00	42.50 0.63 0.00	59.45 1.28 0.00	53.06 1.45 0.00	54.12 1.50 0.00	59.95 1.67 0.00	57.09 1.62 0.00	48.65 1.51 0.00	52.01 1.61 0.00
N.AKRON__115KV_KNAPP 355671	35.60 -1.19 0.00	35.92 -1.27 0.00	40.72 -1.05 0.00	31.49 -0.93 4.15	36.50 -0.87 0.00	37.71 -0.84 0.00	46.76 -2.57 2.71	52.05 -2.65 0.00	59.95 -2.85 0.00	38.77 -1.61 0.00	39.83 -1.78 0.00	40.23 -2.84 0.00	38.87 -2.49 0.00	34.51 -2.66 0.00	31.45 -2.65 0.04	32.03 -3.01 0.00	34.19 -3.95 3.73	39.64 -5.34 13.20	41.00 -4.09 6.52	46.52 -4.02 2.08	42.94 -4.86 10.48	43.72 -4.30 7.45	44.08 -3.06 0.00	48.51 -1.89 0.00
N.E_GEN_SANDY PD 24062	37.56 0.77 0.00	38.04 0.84 0.00	42.47 0.70 0.00	37.24 0.67 0.00	37.79 0.58 0.17	39.16 0.60 0.00	54.17 0.85 -1.29	55.85 1.16 0.00	61.84 0.77 1.73	40.94 0.48 -0.08	42.09 0.49 0.00	43.85 0.67 -0.11	41.57 0.21 0.00	37.64 0.46 0.00	34.85 0.71 0.00	35.08 0.75 0.72	43.82 1.11 -0.84	59.42 1.25 0.00	52.45 0.84 0.00	53.57 0.95 0.00	59.88 1.59 0.00	56.97 1.51 0.00	45.92 0.50 1.73	50.71 0.31 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.28 1.49 0.00	38.48 1.28 0.00	43.06 1.30 0.00	37.70 1.13 0.00	38.53 1.15 0.00	39.86 1.30 0.00	54.07 2.03 0.00	57.54 2.84 0.00	65.77 2.97 0.00	42.72 2.34 0.00	44.27 2.67 0.00	46.40 3.33 0.00	44.62 3.27 0.00	40.16 2.99 0.00	36.90 2.76 0.00	37.70 2.66 0.00	44.60 2.73 0.00	61.15 2.97 0.00	53.94 2.34 0.00	54.86 2.24 0.00	60.56 2.28 0.00	57.77 2.30 0.00	49.54 2.39 0.00	53.08 2.69 0.00
N.QUEENS_27_KV_LOAD 356247	38.19 1.40 0.00	38.40 1.20 0.00	42.90 1.13 0.00	37.61 1.03 0.00	38.44 1.06 0.00	39.88 1.32 0.00	54.13 2.10 0.00	57.78 3.09 0.00	66.19 3.39 0.00	43.07 2.68 0.00	44.62 3.01 0.00	46.80 3.73 0.00	44.94 3.59 0.00	40.50 3.32 0.00	37.26 3.11 0.00	38.05 3.01 0.00	44.86 2.99 0.00	61.50 3.32 0.00	54.04 2.44 0.00	55.12 2.50 0.00	60.77 2.49 0.00	58.11 2.64 0.00	49.95 2.81 0.00	53.26 2.86 0.00
N.TROY___115KV_TB1 355778	37.64 0.85 0.00	38.09 0.89 0.00	42.60 0.83 0.00	37.34 0.77 0.00	38.12 0.74 0.00	39.31 0.76 0.00	53.17 1.13 0.00	56.14 1.45 0.00	64.01 1.21 0.00	41.05 0.67 0.00	42.21 0.60 0.00	43.81 0.74 0.00	41.76 0.41 0.00	37.68 0.51 0.00	34.85 0.71 0.00	35.79 0.75 0.00	43.02 1.14 0.00	59.66 1.48 0.00	52.74 1.14 0.00	53.84 1.22 0.00	59.93 1.65 0.00	57.02 1.55 0.00	47.92 0.78 0.00	51.07 0.67 0.00
NARROWS_GT1_1 24228	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_2 24229	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_3 24230	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_4 24231	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_5 24232	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00

NARROWS_GT1_6 24233	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_7 24234	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT1_8 24235	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_1 24236	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_2 24237	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_3 24238	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_4 24239	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_5 24240	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_6 24241	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_7 24242	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NARROWS_GT2_8 24243	38.38 1.59 0.00	38.55 1.36 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.67 0.88 0.00	38.11 0.92 0.00	42.72 0.95 0.00	37.50 0.93 0.00	38.29 0.91 0.00	39.46 0.91 0.00	53.50 1.47 0.00	56.63 1.94 0.00	64.58 1.78 0.00	41.14 0.75 0.00	42.02 0.41 0.00	43.44 0.37 0.00	41.55 0.19 0.00	37.46 0.28 0.00	34.62 0.48 0.00	35.55 0.51 0.00	42.78 0.91 0.00	59.78 1.61 0.00	53.20 1.59 0.00	54.26 1.64 0.00	60.24 1.96 0.00	57.19 1.72 0.00	48.17 1.03 0.00	51.31 0.91 0.00
NCHELSEA_115KV_TR2 355582	38.47 1.68 0.00	38.70 1.51 0.00	43.33 1.57 0.00	37.94 1.37 0.00	38.78 1.40 0.00	40.11 1.55 0.00	54.42 2.39 0.00	57.88 3.19 0.00	66.15 3.35 0.00	42.89 2.50 0.00	44.35 2.75 0.00	46.37 3.30 0.00	44.56 3.20 0.00	40.10 2.92 0.00	36.87 2.72 0.00	37.71 2.67 0.00	44.75 2.88 0.00	61.53 3.35 0.00	54.33 2.72 0.00	55.29 2.68 0.00	61.05 2.77 0.00	58.16 2.69 0.00	49.74 2.59 0.00	53.24 2.85 0.00
NEG CAPITAL___MECHNVIL 23645	38.15 1.36 0.00	38.58 1.39 0.00	43.19 1.43 0.00	37.85 1.28 0.00	38.70 1.32 0.00	39.97 1.41 0.00	54.16 2.13 0.00	57.12 2.43 0.00	65.03 2.23 0.00	41.54 1.16 0.00	42.61 1.00 0.00	44.18 1.10 0.00	42.18 0.82 0.00	38.01 0.84 0.00	35.14 0.99 0.00	36.12 1.08 0.00	43.56 1.68 0.00	60.63 2.46 0.00	53.71 2.10 0.00	54.77 2.15 0.00	60.81 2.53 0.00	57.79 2.33 0.00	48.64 1.50 0.00	51.83 1.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.30 -1.35 0.15	35.64 -1.41 0.14	40.22 -1.45 0.10	33.20 -1.31 2.06	36.04 -1.27 0.08	37.24 -1.15 0.16	48.54 -1.92 1.58	52.57 -1.78 0.35	60.45 -2.08 0.27	38.77 -1.42 0.19	39.98 -1.59 0.04	40.99 -2.08 0.00	39.46 -1.90 0.00	35.25 -1.89 0.03	32.26 -1.89 0.00	33.01 -2.03 0.00	37.66 -2.40 1.81	49.40 -3.00 5.78	45.95 -2.43 3.22	49.35 -2.44 0.83	51.08 -2.98 4.23	49.20 -2.85 3.41	44.95 -2.20 0.00	48.45 -1.95 0.00

NEG CENTRAL___DRP 24199	36.41 -0.38 0.00	36.69 -0.50 0.00	41.31 -0.45 0.00	33.14 -0.53 2.90	36.99 -0.39 0.00	38.37 -0.18 0.00	49.78 -0.36 1.90	54.59 -0.11 0.00	62.37 -0.44 0.00	40.02 -0.37 0.00	40.98 -0.62 0.00	42.14 -0.93 0.00	40.52 -0.84 0.00	36.26 -0.91 0.00	33.29 -0.87 -0.02	34.08 -0.96 0.00	38.18 -1.15 2.55	48.31 -1.20 8.66	46.16 -0.79 4.66	50.92 -0.69 1.00	51.09 -1.01 6.19	49.10 -1.05 5.31	46.46 -0.68 0.00	49.88 -0.52 0.00
NEG CENTRAL___INDECK 23768	37.17 0.14 -0.24	37.23 -0.19 -0.23	41.91 -0.03 -0.17	29.58 -0.13 6.87	37.58 0.08 -0.12	39.29 0.47 -0.26	48.18 0.23 4.09	56.01 0.67 -0.64	63.99 0.69 -0.50	40.53 -0.22 -0.36	40.92 -0.77 -0.08	41.67 -1.41 0.00	40.13 -1.23 0.00	35.71 -1.52 -0.05	32.63 -1.69 -0.17	32.52 -2.52 0.00	33.22 -3.44 5.22	34.30 -3.78 20.09	38.24 -2.34 11.03	49.38 -2.26 0.98	43.22 -2.92 12.14	39.55 -2.84 13.07	46.21 -0.93 0.00	50.42 0.02 0.00
NEG CENTRAL___SENECA 23627	36.38 -0.41 0.00	36.57 -0.62 0.00	41.23 -0.54 0.00	30.61 -0.63 5.34	36.95 -0.43 0.00	38.40 -0.16 0.00	48.10 -0.44 3.49	54.52 -0.17 0.00	62.25 -0.55 0.00	40.00 -0.39 0.00	40.90 -0.71 0.00	41.95 -1.12 0.00	40.38 -0.98 0.00	36.05 -1.13 0.00	33.15 -1.03 -0.03	33.85 -1.19 0.00	35.60 -1.48 4.79	40.40 -1.58 16.21	41.72 -1.04 8.85	49.74 -0.92 1.96	45.01 -1.30 11.96	43.93 -1.33 10.20	46.32 -0.83 0.00	49.80 -0.60 0.00
NEG CENTRAL___STATE_STREET 24147	36.63 -0.16 0.00	37.07 -0.13 0.00	41.70 -0.07 0.00	37.50 -0.24 -1.16	37.22 -0.16 0.00	38.52 -0.04 0.00	52.75 -0.04 -0.76	54.91 0.22 0.00	62.75 -0.05 0.00	40.17 -0.21 0.00	41.30 -0.30 0.00	42.60 -0.47 0.00	40.95 -0.41 0.00	36.74 -0.43 0.00	33.56 -0.59 -0.01	34.53 -0.52 0.00	42.86 -0.47 -1.46	62.01 -0.34 -4.17	53.95 -0.08 -2.42	53.23 -0.07 -0.69	62.09 -0.21 -4.01	58.70 -0.25 -3.49	46.89 -0.25 0.00	50.34 -0.06 0.00
NEG MILLWOOD___DRP 24198	38.52 1.73 0.00	38.74 1.55 0.00	43.35 1.59 0.00	37.96 1.39 0.00	38.81 1.43 0.00	40.14 1.59 0.00	54.49 2.46 0.00	58.01 3.32 0.00	66.33 3.53 0.00	43.04 2.66 0.00	44.55 2.94 0.00	46.63 3.56 0.00	44.76 3.40 0.00	40.28 3.11 0.00	37.03 2.88 0.00	37.87 2.82 0.00	44.89 3.02 0.00	61.69 3.52 0.00	54.51 2.90 0.00	55.43 2.81 0.00	61.19 2.91 0.00	58.26 2.80 0.00	49.85 2.71 0.00	53.38 2.97 0.00
NEG NORTH_FLCN_SEA 23793	37.52 0.73 0.00	38.00 0.81 0.00	42.61 0.85 0.00	37.29 0.72 0.00	37.91 0.53 0.00	38.92 0.36 0.00	51.75 -0.29 0.00	53.55 -1.14 0.00	61.99 -0.81 0.00	40.30 -0.08 0.00	41.62 0.01 0.00	42.99 -0.08 0.00	41.34 -0.02 0.00	37.19 0.01 0.00	34.11 -0.03 0.00	35.12 0.08 0.00	41.71 -0.17 0.00	57.92 -0.26 0.00	51.48 -0.13 0.00	52.47 -0.15 0.00	58.12 -0.16 0.00	55.44 -0.03 0.00	47.63 0.49 0.00	51.09 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	37.43 0.64 0.00	37.92 0.73 0.00	42.55 0.78 0.00	37.25 0.68 0.00	38.00 0.62 0.00	39.14 0.58 0.00	52.43 0.39 0.00	54.39 -0.30 0.00	63.00 0.20 0.00	40.53 0.14 0.00	41.75 0.14 0.00	43.10 0.03 0.00	41.54 0.18 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.24 0.20 0.00	41.99 0.12 0.00	58.61 0.43 0.00	52.21 0.60 0.00	53.19 0.56 0.00	58.90 0.61 0.00	55.95 0.48 0.00	47.69 0.55 0.00	51.02 0.63 0.00
NEG NORTH___ALICE_FALLS 23915	37.71 0.92 0.00	38.19 0.99 0.00	42.83 1.06 0.00	37.48 0.91 0.00	38.19 0.80 0.00	39.28 0.73 0.00	52.48 0.45 0.00	54.44 -0.25 0.00	62.98 0.17 0.00	40.66 0.28 0.00	41.99 0.38 0.00	43.29 0.22 0.00	41.64 0.28 0.00	37.44 0.26 0.00	34.32 0.18 0.00	35.32 0.28 0.00	42.07 0.19 0.00	58.70 0.52 0.00	52.29 0.68 0.00	53.31 0.69 0.00	59.02 0.73 0.00	56.14 0.67 0.00	48.02 0.88 0.00	51.41 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	37.71 0.92 0.00	38.19 0.99 0.00	42.83 1.06 0.00	37.48 0.91 0.00	38.19 0.80 0.00	39.28 0.73 0.00	52.48 0.45 0.00	54.44 -0.25 0.00	62.98 0.17 0.00	40.66 0.28 0.00	41.99 0.38 0.00	43.29 0.22 0.00	41.64 0.28 0.00	37.44 0.26 0.00	34.32 0.18 0.00	35.32 0.28 0.00	42.07 0.19 0.00	58.70 0.52 0.00	52.29 0.68 0.00	53.31 0.69 0.00	59.02 0.73 0.00	56.14 0.67 0.00	48.02 0.88 0.00	51.41 1.01 0.00
NEG NORTH___PLATTSBURG 23628	37.71 0.92 0.00	38.19 0.99 0.00	42.83 1.06 0.00	37.48 0.91 0.00	38.18 0.80 0.00	39.28 0.73 0.00	52.48 0.44 0.00	54.44 -0.25 0.00	62.97 0.17 0.00	40.66 0.28 0.00	41.99 0.39 0.00	43.30 0.23 0.00	41.64 0.28 0.00	37.44 0.26 0.00	34.32 0.18 0.00	35.32 0.28 0.00	42.07 0.20 0.00	58.70 0.52 0.00	52.29 0.68 0.00	53.31 0.69 0.00	59.02 0.74 0.00	56.14 0.68 0.00	48.02 0.88 0.00	51.41 1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	34.98 -1.81 0.00	35.31 -1.88 0.00	40.05 -1.71 0.00	30.64 -1.51 4.42	35.90 -1.48 0.00	37.04 -1.51 0.00	45.46 -3.68 2.89	50.79 -3.90 0.00	58.59 -4.21 0.00	38.11 -2.27 0.00	39.33 -2.28 0.00	39.71 -3.37 0.00	38.38 -2.97 0.00	34.06 -3.12 0.00	31.02 -3.07 0.05	31.57 -3.47 0.00	33.25 -4.63 4.00	37.41 -6.57 14.20	39.34 -5.33 6.95	45.04 -5.30 2.28	40.70 -6.24 11.35	42.00 -5.53 7.93	43.13 -4.01 0.00	47.61 -2.79 0.00
NEG WEST___LANCASTER 23811	35.08 -1.71 0.00	35.33 -1.87 0.00	40.02 -1.74 0.00	29.53 -1.66 5.38	35.79 -1.59 0.00	37.12 -1.44 0.00	45.42 -3.11 3.51	51.68 -3.01 0.00	59.47 -3.34 0.00	38.63 -1.76 0.00	39.79 -1.81 0.00	40.54 -2.54 0.00	39.19 -2.17 0.00	34.74 -2.44 0.00	31.72 -2.38 0.05	32.29 -2.75 0.00	33.41 -3.71 4.75	35.86 -5.29 17.03	38.99 -4.24 8.38	45.66 -4.28 2.68	39.71 -5.10 13.48	41.33 -4.61 9.54	43.85 -3.29 0.00	48.04 -2.36 0.00
NEG_PENN_ALLEGHNY 23528	37.17 0.13 -0.25	37.45 0.01 -0.24	42.06 0.12 -0.18	36.75 0.01 -0.17	37.61 0.10 -0.13	39.04 0.21 -0.27	52.83 0.26 -0.54	56.34 0.86 -0.79	64.13 0.71 -0.62	41.33 0.50 -0.45	42.13 0.43 -0.10	43.46 0.39 0.00	41.80 0.44 0.00	37.45 0.21 -0.06	34.37 0.23 0.00	35.15 0.11 0.00	40.95 -0.04 0.89	53.08 -0.14 4.96	48.24 -0.08 3.28	51.77 -0.05 0.79	53.47 -0.21 4.60	52.18 -0.22 3.06	47.22 0.08 0.00	50.74 0.34 0.00
NEG___GEN_MONROE 24207	36.23 -0.56 0.00	36.59 -0.61 0.00	41.30 -0.46 0.00	33.25 -0.46 2.86	37.01 -0.37 0.00	38.39 -0.17 0.00	49.21 -0.96 1.87	53.89 -0.80 0.00	61.90 -0.90 0.00	39.72 -0.66 0.00	40.75 -0.85 0.00	41.56 -1.51 0.00	40.05 -1.31 0.00	35.70 -1.47 0.00	32.59 -1.55 0.01	33.29 -1.75 0.00	37.14 -2.19 2.55	47.07 -2.63 8.47	45.21 -1.88 4.52	49.61 -1.80 1.22	49.39 -2.32 6.57	48.07 -2.20 5.20	45.65 -1.49 0.00	49.50 -0.90 0.00
NEPA___ENERGY 23901	35.05 -1.74 0.00	35.17 -2.02 0.00	39.91 -1.85 0.00	29.32 -1.90 5.35	35.74 -1.64 0.00	37.19 -1.36 0.00	45.60 -2.94 3.50	52.10 -2.60 0.00	59.58 -3.22 0.00	38.86 -1.53 0.00	40.14 -1.46 0.00	41.13 -1.94 0.00	39.74 -1.62 0.00	35.19 -1.99 0.00	32.32 -1.77 0.05	32.91 -2.13 0.00	33.88 -3.29 4.70	36.23 -4.99 16.95	39.13 -4.14 8.34	45.88 -4.12 2.62	40.00 -4.97 13.32	41.43 -4.56 9.48	44.21 -2.93 0.00	48.43 -1.96 0.00

NEVERSINK___HYD 23608	38.07 1.28 0.00	38.32 1.12 0.00	42.95 1.18 0.00	37.60 1.03 0.00	38.46 1.08 0.00	39.76 1.20 0.00	53.97 1.93 0.00	57.38 2.69 0.00	65.50 2.70 0.00	42.26 1.87 0.00	43.54 1.94 0.00	45.36 2.29 0.00	43.37 2.01 0.00	38.10 0.92 0.00	35.08 0.93 0.00	35.87 0.82 0.00	42.76 0.88 0.00	59.01 0.83 0.00	52.25 0.65 0.00	53.20 0.58 0.00	59.01 0.73 0.00	57.59 2.12 0.00	49.19 2.04 0.00	52.63 2.24 0.00
NEWKRMKL_115KV_TB1 55635	36.96 0.17 0.00	37.38 0.19 0.00	41.86 0.09 0.00	36.74 0.17 0.00	37.49 0.10 0.00	38.60 0.05 0.00	52.20 0.17 0.00	55.19 0.50 0.00	63.05 0.25 0.00	40.55 0.16 0.00	41.78 0.18 0.00	43.38 0.31 0.00	41.47 0.11 0.00	37.47 0.30 0.00	34.61 0.47 0.00	35.51 0.47 0.00	42.47 0.59 0.00	58.75 0.58 0.00	51.94 0.33 0.00	53.00 0.38 0.00	58.86 0.58 0.00	56.00 0.53 0.00	47.25 0.10 0.00	50.38 -0.02 0.00
NEWTON___FALLS_HYD 23847	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.10 1.53 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.47 1.67 0.00	40.79 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.07 1.46 0.00	60.04 1.75 0.00	57.59 2.13 0.00	49.21 2.07 0.00	52.57 2.18 0.00
NGRID_A1_DSASP 323792	33.97 -2.15 0.67	34.35 -2.20 0.64	39.21 -2.08 0.47	29.71 -1.88 4.99	35.17 -1.86 0.35	35.97 -1.86 0.73	43.36 -4.34 4.33	48.29 -4.77 1.63	56.16 -5.37 1.27	36.64 -2.82 0.92	38.65 -2.76 0.20	39.23 -3.84 0.00	37.94 -3.42 0.00	33.54 -3.50 0.13	30.56 -3.54 0.05	31.09 -3.95 0.00	32.02 -5.25 4.60	35.29 -7.42 15.47	37.36 -6.25 7.99	43.66 -6.34 2.62	39.39 -7.22 11.67	40.78 -6.55 8.13	42.64 -4.50 0.00	47.12 -3.28 0.00
NGRID_A2_DSASP 323793	33.97 -2.15 0.67	34.35 -2.20 0.64	39.21 -2.08 0.47	29.71 -1.88 4.99	35.17 -1.86 0.35	35.97 -1.86 0.73	43.36 -4.34 4.33	48.29 -4.77 1.63	56.16 -5.37 1.27	36.64 -2.82 0.92	38.65 -2.76 0.20	39.23 -3.84 0.00	37.94 -3.42 0.00	33.54 -3.50 0.13	30.56 -3.54 0.05	31.09 -3.95 0.00	32.02 -5.25 4.60	35.29 -7.42 15.47	37.36 -6.25 7.99	43.66 -6.34 2.62	39.39 -7.22 11.67	40.78 -6.55 8.13	42.64 -4.50 0.00	47.12 -3.28 0.00
NGRID_A4_DSASP 323807	33.97 -2.15 0.67	34.35 -2.20 0.64	39.21 -2.08 0.47	29.71 -1.88 4.99	35.17 -1.86 0.35	35.97 -1.86 0.73	43.36 -4.34 4.33	48.29 -4.77 1.63	56.16 -5.37 1.27	36.64 -2.82 0.92	38.65 -2.76 0.20	39.23 -3.84 0.00	37.94 -3.42 0.00	33.54 -3.50 0.13	30.56 -3.54 0.05	31.09 -3.95 0.00	32.02 -5.25 4.60	35.29 -7.42 15.47	37.36 -6.25 7.99	43.66 -6.34 2.62	39.39 -7.22 11.67	40.78 -6.55 8.13	42.64 -4.50 0.00	47.12 -3.28 0.00
NIAGARA_115E_LBMP 323715	33.92 -2.23 0.64	34.31 -2.26 0.62	39.17 -2.15 0.45	29.78 -1.84 4.96	35.22 -1.83 0.33	35.84 -2.02 0.70	43.27 -4.49 4.27	48.20 -4.91 1.58	56.29 -5.29 1.23	36.59 -2.90 0.89	38.55 -2.87 0.19	39.15 -3.93 0.00	37.86 -3.50 0.00	33.47 -3.58 0.12	30.66 -3.44 0.05	31.17 -3.87 0.00	32.12 -5.17 4.57	35.40 -7.52 15.26	37.26 -6.41 7.93	43.81 -6.21 2.60	39.36 -7.34 11.58	40.60 -6.76 8.11	42.38 -4.77 0.00	46.94 -3.46 0.00
NIAGARA_115W_LBMP 323714	33.93 -2.20 0.67	34.30 -2.26 0.64	39.16 -2.14 0.47	29.67 -1.92 4.98	35.12 -1.91 0.35	35.92 -1.91 0.72	43.29 -4.43 4.32	48.18 -4.88 1.63	56.02 -5.51 1.27	36.58 -2.88 0.92	38.59 -2.82 0.20	39.16 -3.91 0.00	37.88 -3.48 0.00	33.48 -3.56 0.13	30.50 -3.59 0.05	31.04 -4.00 0.00	31.96 -5.32 4.60	35.22 -7.50 15.45	37.30 -6.34 7.98	43.58 -6.43 2.61	39.29 -7.33 11.65	40.70 -6.65 8.12	42.58 -4.56 0.00	47.05 -3.35 0.00
NIAGARA_230_LBMP 323716	34.03 -2.10 0.66	34.40 -2.16 0.64	39.27 -2.03 0.47	29.83 -1.83 4.90	35.22 -1.82 0.34	36.03 -1.81 0.72	43.69 -4.08 4.27	48.74 -4.33 1.62	56.90 -4.64 1.26	36.97 -2.50 0.91	38.92 -2.48 0.20	39.57 -3.50 0.00	38.27 -3.09 0.00	33.83 -3.22 0.13	30.86 -3.24 0.05	31.40 -3.65 0.00	32.45 -4.89 4.52	35.90 -6.97 15.30	37.92 -5.82 7.86	44.31 -5.74 2.57	40.04 -6.76 11.48	41.33 -6.15 7.99	42.84 -4.30 0.00	47.23 -3.17 0.00
NIAGARA___115KV_198_GIBSON 55903	34.56 -2.23 0.00	34.91 -2.29 0.00	39.62 -2.15 0.00	30.10 -1.93 4.53	35.46 -1.92 0.00	36.64 -1.92 0.00	44.60 -4.47 2.96	49.81 -4.88 0.00	57.22 -5.58 0.00	37.48 -2.91 0.00	38.80 -2.80 0.00	39.16 -3.91 0.00	37.87 -3.49 0.00	33.60 -3.57 0.00	30.51 -3.59 0.05	31.04 -4.01 0.00	32.51 -5.29 4.07	35.88 -7.52 14.78	38.20 -6.30 7.11	43.85 -6.46 2.31	39.38 -7.25 11.65	40.89 -6.45 8.12	42.58 -4.56 0.00	47.05 -3.35 0.00
NIAGARA____ 23760	34.04 -2.10 0.65	34.41 -2.16 0.63	39.27 -2.03 0.46	29.78 -1.83 4.96	35.23 -1.82 0.34	36.04 -1.81 0.71	43.68 -4.08 4.27	48.75 -4.33 1.61	56.91 -4.64 1.26	36.98 -2.50 0.90	38.93 -2.48 0.19	39.57 -3.50 0.00	38.27 -3.09 0.00	33.83 -3.22 0.12	30.86 -3.24 0.05	31.40 -3.65 0.00	32.44 -4.89 4.54	35.93 -6.97 15.28	37.90 -5.82 7.88	44.30 -5.74 2.58	40.01 -6.76 11.51	41.30 -6.15 8.02	42.84 -4.30 0.00	47.23 -3.17 0.00
NINE_MILE_1 23575	35.55 -1.24 0.00	35.93 -1.26 0.00	40.37 -1.40 0.00	35.33 -1.25 0.00	36.14 -1.24 0.00	37.30 -1.25 0.00	50.33 -1.70 0.00	53.05 -1.65 0.00	60.74 -2.06 0.00	39.02 -1.36 0.00	40.15 -1.45 0.00	41.51 -1.56 0.00	39.87 -1.49 0.00	35.79 -1.38 0.00	32.86 -1.28 0.00	33.71 -1.33 0.00	40.32 -1.56 0.00	56.09 -2.08 0.00	49.80 -1.81 0.00	50.78 -1.84 0.00	56.20 -2.08 0.00	53.45 -2.01 0.00	45.47 -1.67 0.00	48.62 -1.78 0.00
NINE_MILE_2 23744	35.55 -1.24 0.00	35.93 -1.26 0.00	40.38 -1.39 0.00	35.33 -1.25 0.00	36.14 -1.24 0.00	37.30 -1.25 0.00	50.33 -1.70 0.00	53.05 -1.65 0.00	60.74 -2.06 0.00	39.02 -1.36 0.00	40.15 -1.45 0.00	41.51 -1.56 0.00	39.87 -1.49 0.00	35.79 -1.38 0.00	32.86 -1.28 0.00	33.71 -1.33 0.00	40.32 -1.56 0.00	56.10 -2.08 0.00	49.80 -1.81 0.00	50.78 -1.84 0.00	56.20 -2.08 0.00	53.45 -2.01 0.00	45.48 -1.67 0.00	48.62 -1.78 0.00
NM_CAPITAL___DRP 24208	36.92 0.13 0.00	37.35 0.16 0.00	41.82 0.05 0.00	36.71 0.14 0.00	37.44 0.06 0.00	38.55 0.00 0.00	52.13 0.10 0.00	55.10 0.41 0.00	62.93 0.13 0.00	40.49 0.10 0.00	41.73 0.12 0.00	43.33 0.26 0.00	41.41 0.05 0.00	37.41 0.24 0.00	34.56 0.41 0.00	35.46 0.42 0.00	42.39 0.51 0.00	58.63 0.45 0.00	51.82 0.21 0.00	52.86 0.23 0.00	58.75 0.47 0.00	55.92 0.45 0.00	47.16 0.02 0.00	50.28 -0.11 0.00
NM_CENTRAL___DRP 24181	36.19 -0.60 0.00	36.55 -0.65 0.00	41.08 -0.69 0.00	35.94 -0.63 0.00	36.78 -0.60 0.00	38.02 -0.53 0.00	51.34 -0.69 0.00	54.18 -0.52 0.00	61.98 -0.82 0.00	39.77 -0.61 0.00	40.90 -0.71 0.00	42.28 -0.79 0.00	40.59 -0.76 0.00	36.44 -0.74 0.00	33.44 -0.70 0.00	34.29 -0.75 0.00	41.05 -0.82 0.00	57.18 -1.00 0.00	50.78 -0.83 0.00	51.77 -0.85 0.00	57.27 -1.01 0.00	54.45 -1.01 0.00	46.32 -0.82 0.00	49.57 -0.83 0.00

NM_FRONTIER___DRP 24179	34.56 -2.23 0.00	34.91 -2.29 0.00	39.62 -2.15 0.00	30.10 -1.93 4.53	35.46 -1.92 0.00	36.64 -1.92 0.00	44.60 -4.47 2.96	49.81 -4.88 0.00	57.22 -5.58 0.00	37.48 -2.91 0.00	38.80 -2.80 0.00	39.16 -3.91 0.00	37.87 -3.49 0.00	33.60 -3.57 0.00	30.51 -3.59 0.05	31.04 -4.01 0.00	32.51 -5.29 4.07	35.88 -7.52 14.78	38.20 -6.30 7.11	43.85 -6.46 2.31	39.38 -7.25 11.65	40.89 -6.45 8.12	42.58 -4.56 0.00	47.05 -3.35 0.00
NM_ST_REGIS___HYD 24053	38.25 1.46 0.00	38.77 1.57 0.00	43.54 1.77 0.00	38.11 1.54 0.00	38.95 1.57 0.00	40.18 1.63 0.00	54.03 2.00 0.00	56.03 1.34 0.00	64.90 2.10 0.00	41.36 0.97 0.00	42.49 0.88 0.00	43.85 0.78 0.00	42.21 0.85 0.00	37.88 0.71 0.00	34.69 0.54 0.00	35.65 0.61 0.00	42.37 0.49 0.00	59.26 1.08 0.00	52.92 1.31 0.00	54.06 1.44 0.00	60.05 1.76 0.00	57.49 2.03 0.00	49.16 2.02 0.00	52.50 2.10 0.00
NORTHPORT___1 23551	38.13 1.35 0.01	38.34 1.15 0.00	42.78 1.02 0.00	37.41 0.84 0.00	38.16 0.78 0.00	37.89 0.34 1.01	35.64 0.72 17.12	42.18 1.53 14.03	40.41 1.60 23.99	40.79 1.66 1.26	42.37 2.61 1.84	52.42 3.43 -5.92	52.30 3.34 -7.61	52.27 3.07 -12.03	47.35 2.78 -10.42	37.28 2.24 0.00	43.94 2.07 0.00	60.43 2.25 0.00	53.09 1.48 0.00	54.06 1.44 0.00	59.78 1.50 0.00	56.90 1.44 0.00	49.13 1.99 0.00	53.19 2.87 0.08
NORTHPORT___2 23552	38.13 1.35 0.01	38.34 1.15 0.00	42.78 1.02 0.00	37.41 0.84 0.00	38.16 0.78 0.00	37.89 0.34 1.01	35.64 0.72 17.12	42.18 1.53 14.03	40.41 1.60 23.99	40.79 1.66 1.26	42.37 2.61 1.84	52.42 3.43 -5.92	52.30 3.34 -7.61	52.27 3.07 -12.03	47.35 2.78 -10.42	37.28 2.24 0.00	43.94 2.07 0.00	60.43 2.25 0.00	53.09 1.48 0.00	54.06 1.44 0.00	59.78 1.50 0.00	56.90 1.44 0.00	49.13 1.99 0.00	53.19 2.87 0.08
NORTHPORT___3 23553	38.05 1.27 0.01	38.26 1.06 0.00	42.70 0.93 0.00	37.33 0.76 0.00	38.08 0.70 0.00	37.82 0.27 1.01	35.59 0.60 17.04	42.13 1.41 13.97	40.36 1.45 23.88	40.71 1.58 1.25	42.34 2.54 1.80	52.36 3.33 -5.95	52.25 3.24 -7.66	52.25 2.98 -12.10	47.34 2.71 -10.48	37.20 2.16 0.00	43.85 1.97 0.00	60.29 2.11 0.00	52.99 1.38 0.00	53.94 1.33 0.00	59.65 1.37 0.00	56.79 1.32 0.00	49.03 1.89 0.00	53.08 2.75 0.08
NORTHPORT___4 23650	38.05 1.27 0.01	38.26 1.06 0.00	42.70 0.93 0.00	37.33 0.76 0.00	38.08 0.70 0.00	37.82 0.27 1.01	35.59 0.60 17.04	42.13 1.41 13.97	40.36 1.45 23.88	40.71 1.58 1.25	42.34 2.54 1.80	52.36 3.33 -5.95	52.25 3.24 -7.66	52.25 2.98 -12.10	47.34 2.71 -10.48	37.20 2.16 0.00	43.85 1.97 0.00	60.29 2.11 0.00	52.99 1.38 0.00	53.94 1.33 0.00	59.65 1.37 0.00	56.79 1.32 0.00	49.03 1.89 0.00	53.08 2.75 0.08
NORTHPORT___IC 23718	38.14 1.36 0.01	38.35 1.16 0.00	42.79 1.02 0.00	37.41 0.84 0.00	38.16 0.78 0.00	37.89 0.35 1.01	35.64 0.73 17.12	42.20 1.54 14.03	40.44 1.63 23.99	40.81 1.68 1.26	42.38 2.61 1.84	52.43 3.44 -5.92	52.30 3.34 -7.61	52.27 3.07 -12.03	47.35 2.78 -10.42	37.29 2.24 0.00	43.94 2.07 0.00	60.43 2.25 0.00	53.09 1.48 0.00	54.07 1.45 0.00	59.78 1.50 0.00	56.91 1.45 0.00	49.12 1.98 0.00	53.19 2.87 0.08
NORTH___COUNTRY_ESR 323785	37.35 0.56 0.00	37.84 0.64 0.00	42.45 0.69 0.00	37.18 0.61 0.00	37.92 0.54 0.00	39.05 0.50 0.00	52.31 0.27 0.00	54.26 -0.43 0.00	62.87 0.06 0.00	40.51 0.13 0.00	41.72 0.11 0.00	43.09 0.02 0.00	41.54 0.18 0.00	37.36 0.19 0.00	34.23 0.08 0.00	35.24 0.20 0.00	41.99 0.12 0.00	58.53 0.36 0.00	52.07 0.46 0.00	53.04 0.42 0.00	58.73 0.45 0.00	55.83 0.37 0.00	47.59 0.44 0.00	50.91 0.51 0.00
NPX_GEN_1385_PROXY 323591	38.16 1.38 0.01	38.36 1.17 0.00	42.76 0.99 0.00	37.38 0.81 0.00	38.20 0.82 0.00	74.01 0.49 -34.96	136.79 0.91 -83.84	70.83 1.73 -14.41	40.57 1.76 23.99	40.85 1.72 1.26	42.23 2.47 1.84	10.45 3.28 35.90	52.21 3.24 -7.61	52.17 2.96 -12.03	47.31 2.74 -10.42	37.26 2.22 0.00	44.08 2.21 0.00	70.94 2.46 -10.30	66.37 1.66 -13.10	53.98 1.36 0.00	59.92 1.63 0.00	57.05 1.59 0.00	49.10 1.96 0.00	37.28 2.68 15.81
NPX_GEN_CSC 323557	38.32 1.53 0.00	38.40 1.21 0.00	42.85 1.08 0.00	37.45 0.88 0.00	38.15 0.77 0.00	37.84 0.28 1.00	36.12 0.99 16.90	42.42 1.59 13.86	41.06 1.94 23.69	40.90 1.76 1.24	42.41 2.50 1.70	52.53 3.43 -6.02	52.40 3.32 -7.73	52.39 3.02 -12.20	47.47 2.76 -10.57	37.42 2.38 0.00	44.13 2.26 0.00	60.75 2.58 0.00	52.93 1.32 0.00	54.20 1.58 0.00	60.03 1.74 0.00	57.15 1.69 0.00	49.34 2.20 0.00	53.35 3.03 0.07
NSINS_S_GLNS_FALLS 23858	38.17 1.38 0.00	38.62 1.43 0.00	43.19 1.43 0.00	37.87 1.30 0.00	38.84 1.46 0.00	40.08 1.52 0.00	54.46 2.43 0.00	57.32 2.63 0.00	64.92 2.12 0.00	41.27 0.89 0.00	42.30 0.69 0.00	43.86 0.79 0.00	41.81 0.45 0.00	37.66 0.49 0.00	34.88 0.73 0.00	35.90 0.86 0.00	43.43 1.56 0.00	60.72 2.55 0.00	53.76 2.15 0.00	54.84 2.22 0.00	60.81 2.53 0.00	57.76 2.30 0.00	48.50 1.36 0.00	51.70 1.30 0.00
NUCOR_STEEL___DRP 24197	36.59 -0.19 0.00	37.05 -0.14 0.00	41.69 -0.07 0.00	37.72 -0.26 -1.40	37.19 -0.18 0.00	38.48 -0.08 0.00	52.85 -0.10 -0.92	54.86 0.17 0.00	62.70 -0.10 0.00	40.14 -0.25 0.00	41.29 -0.31 0.00	42.62 -0.45 0.00	40.97 -0.39 0.00	36.76 -0.41 0.00	33.56 -0.58 0.00	34.55 -0.49 0.00	43.05 -0.44 -1.61	62.71 -0.31 -4.85	54.35 -0.08 -2.82	53.25 -0.08 -0.71	62.43 -0.21 -4.36	59.07 -0.25 -3.86	46.87 -0.28 0.00	50.31 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	38.09 1.30 0.00	38.73 1.53 0.00	43.58 1.82 0.00	38.12 1.54 0.00	39.00 1.62 0.00	40.27 1.71 0.00	54.38 2.34 0.00	56.73 2.04 0.00	64.35 1.55 0.00	40.56 0.18 0.00	41.69 0.08 0.00	43.23 0.16 0.00	41.45 0.09 0.00	37.07 -0.10 0.00	33.94 -0.21 0.00	34.73 -0.31 0.00	41.52 -0.35 0.00	59.10 0.92 0.00	53.19 1.58 0.00	54.43 1.81 0.00	60.28 2.00 0.00	57.54 2.07 0.00	49.13 1.98 0.00	52.53 2.13 0.00
NYISO_LBMP_REFERENCE 24008	36.79 0.00 0.00	37.20 0.00 0.00	41.76 0.00 0.00	36.57 0.00 0.00	37.38 0.00 0.00	38.55 0.00 0.00	52.03 0.00 0.00	54.69 0.00 0.00	62.80 0.00 0.00	40.38 0.00 0.00	41.61 0.00 0.00	43.07 0.00 0.00	41.36 0.00 0.00	37.17 0.00 0.00	34.14 0.00 0.00	35.04 0.00 0.00	41.87 0.00 0.00	58.18 0.00 0.00	51.61 0.00 0.00	52.62 0.00 0.00	58.28 0.00 0.00	55.46 0.00 0.00	47.14 0.00 0.00	50.40 0.00 0.00
NYPA_BRENTWD____GT 24164	38.65 1.86 0.00	38.82 1.63 0.00	43.32 1.56 0.00	37.87 1.30 0.00	38.65 1.27 0.00	38.53 0.93 0.96	37.29 1.51 16.25	43.78 2.40 13.32	42.59 2.56 22.77	41.51 2.33 1.19	43.46 3.16 1.30	53.37 3.97 -6.33	53.29 3.84 -8.09	53.40 3.52 -12.71	48.38 3.23 -11.00	37.85 2.81 0.00	44.66 2.79 0.00	61.51 3.33 0.00	54.09 2.48 0.00	55.08 2.46 0.00	60.84 2.55 0.00	57.88 2.42 0.00	49.92 2.78 0.00	53.95 3.60 0.05

NYPA_GOWANUS____GT5 24156	38.37 1.58 0.00	38.55 1.36 0.00	43.05 1.29 0.00	37.75 1.17 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NYPA_GOWANUS____GT6 24157	38.37 1.58 0.00	38.55 1.36 0.00	43.05 1.29 0.00	37.75 1.17 0.00	38.56 1.18 0.00	40.03 1.48 0.00	54.33 2.29 0.00	57.95 3.26 0.00	66.33 3.53 0.00	43.20 2.82 0.00	44.75 3.15 0.00	46.91 3.83 0.00	45.05 3.69 0.00	40.54 3.36 0.00	37.30 3.15 0.00	38.09 3.04 0.00	44.96 3.09 0.00	61.65 3.47 0.00	54.25 2.65 0.01	55.28 2.66 0.00	60.94 2.67 0.01	58.29 2.82 0.00	49.99 2.84 0.00	53.39 2.99 0.00
NYPA_HARLEM__RVR__GT1 24160	38.13 1.35 0.00	38.34 1.15 0.00	42.84 1.08 0.00	37.56 0.99 0.00	38.39 1.01 0.00	39.83 1.28 0.00	54.07 2.03 0.00	57.68 2.98 0.00	66.05 3.25 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.49 0.00	40.39 3.22 0.00	37.17 3.02 0.00	37.94 2.90 0.00	44.75 2.87 0.00	61.36 3.18 0.00	53.93 2.33 0.01	55.02 2.40 0.00	60.66 2.38 0.01	58.02 2.56 0.00	49.86 2.72 0.00	53.21 2.81 0.00
NYPA_HARLEM__RVR__GT2 24161	38.13 1.35 0.00	38.34 1.15 0.00	42.84 1.08 0.00	37.56 0.99 0.00	38.39 1.01 0.00	39.83 1.28 0.00	54.07 2.03 0.00	57.68 2.98 0.00	66.05 3.25 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.49 0.00	40.39 3.22 0.00	37.17 3.02 0.00	37.94 2.90 0.00	44.75 2.87 0.00	61.36 3.18 0.00	53.93 2.33 0.01	55.02 2.40 0.00	60.66 2.38 0.01	58.02 2.56 0.00	49.86 2.72 0.00	53.21 2.81 0.00
NYPA_KENT____GT 24152	38.34 1.55 0.00	38.51 1.32 0.00	43.02 1.26 0.00	37.71 1.14 0.00	38.53 1.16 0.00	39.97 1.42 0.00	54.24 2.20 0.00	57.83 3.14 0.00	66.20 3.40 0.00	43.15 2.76 0.00	44.72 3.11 0.00	46.87 3.80 0.00	45.02 3.66 0.00	40.53 3.35 0.00	37.28 3.13 0.00	38.06 3.02 0.00	44.93 3.06 0.00	61.60 3.42 0.00	54.18 2.58 0.01	55.19 2.57 0.00	60.84 2.57 0.01	58.16 2.69 0.00	49.91 2.77 0.00	53.33 2.93 0.00
NYPA_POUCH1____GT 24155	38.57 1.78 0.00	38.77 1.57 -0.01	43.30 1.53 -0.01	37.96 1.38 -0.01	38.78 1.39 -0.01	40.10 1.54 0.00	54.34 2.30 0.00	57.98 3.29 0.00	66.36 3.56 0.00	43.18 2.80 0.00	44.70 3.10 0.00	46.86 3.79 0.00	44.97 3.62 0.00	40.48 3.30 0.00	37.24 3.09 0.00	38.04 2.99 0.00	44.90 3.03 0.00	61.58 3.40 0.00	54.17 2.57 0.01	55.19 2.58 0.00	60.88 2.61 0.01	58.24 2.77 0.00	49.92 2.78 0.00	53.33 2.93 0.00
NYPA_VERNON____GT2 24162	38.29 1.50 0.00	38.47 1.28 0.00	42.98 1.22 0.00	37.68 1.11 0.00	38.49 1.12 0.00	39.91 1.36 0.00	54.16 2.12 0.00	57.72 3.02 0.00	66.07 3.27 0.00	43.11 2.72 0.00	44.69 3.09 0.00	46.85 3.77 0.00	45.01 3.65 0.00	40.50 3.33 0.00	37.26 3.12 0.00	38.04 3.00 0.00	44.91 3.04 0.00	61.54 3.36 0.00	54.12 2.52 0.01	55.12 2.50 0.00	60.74 2.46 0.01	58.03 2.56 0.00	49.84 2.70 0.00	53.27 2.87 0.00
NYPA_VERNON____GT3 24163	38.29 1.50 0.00	38.47 1.28 0.00	42.98 1.22 0.00	37.68 1.11 0.00	38.49 1.12 0.00	39.91 1.36 0.00	54.16 2.12 0.00	57.72 3.02 0.00	66.07 3.27 0.00	43.11 2.72 0.00	44.69 3.09 0.00	46.85 3.77 0.00	45.01 3.65 0.00	40.50 3.33 0.00	37.26 3.12 0.00	38.04 3.00 0.00	44.91 3.04 0.00	61.54 3.36 0.00	54.12 2.52 0.01	55.12 2.50 0.00	60.74 2.46 0.01	58.03 2.56 0.00	49.84 2.70 0.00	53.27 2.87 0.00
NYPA____ASTORIA_CC1 323568	38.23 1.44 0.00	38.42 1.22 0.00	42.90 1.14 0.00	37.62 1.06 0.00	38.44 1.06 0.00	39.86 1.31 0.00	54.06 2.03 0.00	57.62 2.92 0.00	65.96 3.15 0.00	43.03 2.65 0.00	44.60 2.99 0.00	46.76 3.69 0.00	44.92 3.56 0.00	40.42 3.25 0.00	37.20 3.05 0.00	37.97 2.93 0.00	44.80 2.93 0.00	61.40 3.23 0.00	54.00 2.40 0.01	55.02 2.41 0.00	60.62 2.34 0.01	57.95 2.49 0.00	49.77 2.63 0.00	53.18 2.79 0.00
NYPA____ASTORIA_CC2 323569	38.23 1.44 0.00	38.42 1.22 0.00	42.90 1.14 0.00	37.62 1.06 0.00	38.44 1.06 0.00	39.86 1.31 0.00	54.06 2.03 0.00	57.62 2.92 0.00	65.96 3.15 0.00	43.03 2.65 0.00	44.60 2.99 0.00	46.76 3.69 0.00	44.92 3.56 0.00	40.42 3.25 0.00	37.20 3.05 0.00	37.97 2.93 0.00	44.80 2.93 0.00	61.40 3.23 0.00	54.00 2.40 0.01	55.02 2.41 0.00	60.62 2.34 0.01	57.95 2.49 0.00	49.77 2.63 0.00	53.18 2.79 0.00
NYPA____HOLTSVILL 23794	38.20 1.41 0.00	38.31 1.12 0.00	42.76 1.00 0.00	37.37 0.80 0.00	38.11 0.73 0.00	37.87 0.31 1.00	35.98 0.89 16.95	42.41 1.61 13.89	40.85 1.80 23.75	40.85 1.72 1.25	42.40 2.52 1.73	52.42 3.35 -6.00	52.30 3.24 -7.71	52.30 2.97 -12.16	47.41 2.72 -10.54	37.37 2.33 0.00	44.06 2.19 0.00	60.62 2.44 0.00	53.07 1.47 0.00	54.19 1.57 0.00	59.92 1.64 0.00	57.04 1.58 0.00	49.25 2.11 0.00	53.29 2.97 0.07
NYPA____HELLGATE_GT1 24158	38.13 1.35 0.00	38.34 1.15 0.00	42.84 1.08 0.00	37.56 0.99 0.00	38.39 1.01 0.00	39.83 1.28 0.00	54.07 2.03 0.00	57.68 2.98 0.00	66.05 3.25 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.49 0.00	40.39 3.22 0.00	37.17 3.02 0.00	37.94 2.90 0.00	44.75 2.87 0.00	61.36 3.18 0.00	53.90 2.30 0.01	55.02 2.40 0.00	60.66 2.38 0.01	58.02 2.56 0.00	49.87 2.73 0.00	53.21 2.81 0.00
NYPA____HELLGATE_GT2 24159	38.13 1.35 0.00	38.34 1.15 0.00	42.84 1.08 0.00	37.56 0.99 0.00	38.39 1.01 0.00	39.83 1.28 0.00	54.07 2.03 0.00	57.68 2.98 0.00	66.05 3.25 0.00	42.99 2.60 0.00	44.54 2.94 0.00	46.71 3.63 0.00	44.85 3.49 0.00	40.39 3.22 0.00	37.17 3.02 0.00	37.94 2.90 0.00	44.75 2.87 0.00	61.36 3.18 0.00	53.90 2.30 0.01	55.02 2.40 0.00	60.66 2.38 0.01	58.02 2.56 0.00	49.87 2.73 0.00	53.21 2.81 0.00
NYS_BARGE____HYD 23848	34.49 -1.73 0.57	34.85 -1.80 0.55	39.73 -1.64 0.40	30.43 -1.43 4.71	35.68 -1.41 0.30	36.46 -1.47 0.62	44.44 -3.61 4.00	49.44 -3.86 1.40	57.60 -4.11 1.09	37.35 -2.24 0.79	39.13 -2.30 0.17	39.72 -3.35 0.00	38.40 -2.96 0.00	33.97 -3.10 0.11	31.06 -3.05 0.04	31.60 -3.44 0.00	32.93 -4.59 4.35	37.23 -6.51 14.44	38.68 -5.38 7.54	44.94 -5.22 2.45	41.00 -6.25 11.03	41.95 -5.75 7.77	43.18 -3.96 0.00	47.66 -2.74 0.00
OAK ORCHARD____HYD 24046	35.80 -0.74 0.25	36.15 -0.81 0.24	40.85 -0.73 0.17	32.92 -0.69 2.96	36.62 -0.63 0.13	37.78 -0.50 0.27	48.47 -1.23 2.33	53.02 -1.07 0.60	61.14 -1.19 0.47	39.26 -0.79 0.34	40.63 -0.90 0.07	41.61 -1.46 0.00	40.09 -1.26 0.00	35.75 -1.38 0.05	32.69 -1.46 0.00	33.40 -1.64 0.00	37.15 -2.06 2.65	47.11 -2.62 8.44	44.86 -2.01 4.74	49.45 -1.95 1.23	49.58 -2.46 6.24	48.05 -2.33 5.08	45.51 -1.63 0.00	49.25 -1.15 0.00

OAKDALE___35_KV_LOAD 356122	36.78 -0.01 0.00	37.08 -0.11 0.00	41.73 -0.04 0.00	36.46 -0.11 0.00	37.35 -0.03 0.00	38.61 0.05 0.00	52.01 -0.03 0.00	55.07 0.38 0.00	62.97 0.17 0.00	40.59 0.21 0.00	41.76 0.16 0.00	43.22 0.15 0.00	41.51 0.15 0.00	37.14 -0.03 0.00	34.16 0.01 0.00	34.95 -0.09 0.00	40.55 -0.24 1.09	52.62 -0.45 5.11	47.67 -0.34 3.60	51.36 -0.35 0.91	53.30 -0.51 4.47	52.05 -0.46 2.95	46.99 -0.15 0.00	50.50 0.11 0.00
OCC_CHEM___DRP 24175	34.61 -2.18 0.00	34.96 -2.24 0.00	39.67 -2.10 0.00	30.14 -1.89 4.54	35.50 -1.89 0.00	36.69 -1.87 0.00	44.68 -4.39 2.97	49.90 -4.79 0.00	57.36 -5.44 0.00	37.55 -2.83 0.00	38.87 -2.73 0.00	39.22 -3.85 0.00	37.94 -3.42 0.00	33.65 -3.52 0.00	30.56 -3.53 0.05	31.08 -3.96 0.00	32.55 -5.25 4.08	35.96 -7.43 14.79	38.27 -6.21 7.13	43.96 -6.35 2.32	39.45 -7.16 11.67	40.95 -6.38 8.13	42.65 -4.49 0.00	47.12 -3.28 0.00
OH_GEN_PROXY 24063	33.99 -2.09 0.71	34.36 -2.16 0.68	39.23 -2.04 0.50	29.79 -1.85 4.93	35.19 -1.82 0.37	35.99 -1.80 0.77	43.69 -3.99 4.36	48.78 -4.17 1.74	56.96 -4.49 1.35	36.98 -2.42 0.98	38.99 -2.41 0.21	39.68 -3.39 0.00	38.37 -2.99 0.00	33.91 -3.13 0.14	30.94 -3.16 0.04	31.49 -3.56 0.00	32.57 -4.76 4.54	36.05 -6.79 15.34	38.03 -5.67 7.91	44.50 -5.58 2.55	40.32 -6.57 11.39	41.49 -6.00 7.97	42.93 -4.22 0.00	47.27 -3.13 0.00
OLIN_CORP_DRP 24177	34.59 -2.20 0.00	34.95 -2.25 0.00	39.65 -2.12 0.00	30.17 -1.82 4.58	35.57 -1.81 0.00	36.58 -1.98 0.00	44.62 -4.43 2.99	49.89 -4.80 0.00	57.60 -5.20 0.00	37.55 -2.83 0.00	38.86 -2.75 0.00	39.22 -3.85 0.00	37.93 -3.43 0.00	33.64 -3.53 0.00	30.69 -3.41 0.05	31.21 -3.83 0.00	32.67 -5.10 4.11	35.99 -7.41 14.78	38.30 -6.13 7.18	44.17 -6.11 2.34	39.47 -7.09 11.72	41.03 -6.24 8.19	42.47 -4.67 0.00	47.01 -3.39 0.00
OLIN_CORP_DSASP 323712	33.97 -2.15 0.67	34.35 -2.20 0.64	39.21 -2.08 0.47	29.71 -1.88 4.99	35.17 -1.86 0.35	35.97 -1.86 0.73	43.36 -4.34 4.33	48.29 -4.77 1.63	56.16 -5.37 1.27	36.64 -2.82 0.92	38.65 -2.76 0.20	39.23 -3.84 0.00	37.94 -3.42 0.00	33.54 -3.50 0.13	30.56 -3.54 0.05	31.09 -3.95 0.00	32.02 -5.25 4.60	35.29 -7.42 15.47	37.36 -6.25 7.99	43.66 -6.34 2.62	39.39 -7.22 11.67	40.78 -6.55 8.13	42.64 -4.50 0.00	47.12 -3.28 0.00
ONEIDA_HERK_LFGE 323681	37.82 1.03 0.00	38.34 1.14 0.00	43.10 1.33 0.00	37.72 1.15 0.00	38.59 1.21 0.00	39.88 1.32 0.00	53.98 1.94 0.00	56.64 1.95 0.00	64.47 1.67 0.00	40.96 0.58 0.00	42.07 0.46 0.00	43.58 0.51 0.00	41.79 0.43 0.00	37.46 0.28 0.00	34.35 0.21 0.00	35.22 0.18 0.00	42.26 0.38 0.00	59.49 1.31 0.00	53.12 1.52 0.00	54.21 1.60 0.00	60.02 1.74 0.00	57.17 1.70 0.00	48.66 1.52 0.00	52.00 1.60 0.00
ONEIDA___115KV_TB4 55905	37.74 0.95 0.00	38.18 0.99 0.00	42.93 1.17 0.00	37.61 1.04 0.00	38.49 1.11 0.00	39.82 1.27 0.00	54.05 2.01 0.00	56.97 2.28 0.00	64.86 2.06 0.00	41.29 0.91 0.00	42.29 0.68 0.00	43.71 0.63 0.00	41.95 0.59 0.00	37.63 0.46 0.00	34.54 0.39 0.00	35.41 0.37 0.00	43.14 0.75 -0.52	59.81 1.63 0.00	53.28 1.67 0.00	54.27 1.66 0.00	61.09 1.72 -1.09	58.90 1.63 -1.82	48.52 1.38 0.00	51.85 1.45 0.00
ONONDAGA_REF_OCCRA 23987	36.42 -0.37 0.00	36.77 -0.43 0.00	41.34 -0.43 0.00	37.61 -0.37 -1.41	37.06 -0.32 0.00	38.32 -0.23 0.00	52.70 -0.26 -0.92	54.66 -0.03 0.00	62.49 -0.32 0.00	40.07 -0.32 0.00	41.15 -0.46 0.00	42.53 -0.54 0.00	40.83 -0.52 0.00	36.65 -0.53 0.00	33.64 -0.50 0.00	34.49 -0.55 0.00	42.71 -0.50 -1.34	61.31 -0.54 -3.68	53.37 -0.37 -2.13	52.79 -0.37 -0.54	61.14 -0.49 -3.34	57.97 -0.52 -3.02	46.74 -0.40 0.00	50.05 -0.34 0.00
ONONDAGA___COGEN 23986	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
ONTARIO___LFGE 23819	36.52 -0.41 -0.14	36.72 -0.61 -0.13	41.33 -0.53 -0.10	30.70 -0.62 5.25	37.02 -0.43 -0.07	38.55 -0.15 -0.15	48.39 -0.44 3.20	54.90 -0.16 -0.37	62.57 -0.53 -0.29	40.22 -0.37 -0.21	40.94 -0.72 -0.04	41.95 -1.12 0.00	40.38 -0.98 0.00	36.07 -1.13 -0.03	33.14 -1.03 -0.03	33.85 -1.19 0.00	35.71 -1.48 4.67	40.53 -1.59 16.05	41.88 -1.07 8.65	49.81 -0.92 1.89	44.99 -1.32 11.96	43.91 -1.35 10.20	46.32 -0.83 0.00	49.80 -0.60 0.00
ORANGEVILLE_WT_PWR 323706	34.94 -1.85 0.00	35.05 -2.14 0.00	39.66 -2.10 0.00	27.63 -1.99 6.95	35.56 -1.82 0.00	36.99 -1.56 0.00	44.35 -3.15 4.54	51.62 -3.08 0.00	59.34 -3.46 0.00	38.27 -2.11 0.00	39.17 -2.44 0.00	39.70 -3.37 0.00	38.28 -3.08 0.00	34.04 -3.14 0.00	31.08 -2.88 0.18	31.82 -3.22 0.00	30.75 -4.31 6.81	30.05 -5.72 22.41	36.01 -4.60 11.00	43.21 -4.69 4.72	32.20 -5.74 20.34	37.55 -5.35 12.57	43.41 -3.73 0.00	47.51 -2.89 0.00
ORANGEVILLE___ESR 323794	34.94 -1.85 0.00	35.05 -2.14 0.00	39.66 -2.10 0.00	27.63 -1.99 6.95	35.56 -1.82 0.00	36.99 -1.56 0.00	44.35 -3.15 4.54	51.62 -3.08 0.00	59.34 -3.46 0.00	38.27 -2.11 0.00	39.17 -2.44 0.00	39.70 -3.37 0.00	38.28 -3.08 0.00	34.04 -3.14 0.00	31.08 -2.88 0.18	31.82 -3.22 0.00	30.75 -4.31 6.81	30.05 -5.72 22.41	36.01 -4.60 11.00	43.21 -4.69 4.72	32.20 -5.74 20.34	37.55 -5.35 12.57	43.41 -3.73 0.00	47.51 -2.89 0.00
OSWEGATCHIE___HYD 24044	38.17 1.38 0.00	38.74 1.55 0.00	43.55 1.79 0.00	38.11 1.54 0.00	38.98 1.60 0.00	40.21 1.66 0.00	54.13 2.10 0.00	56.28 1.59 0.00	64.46 1.66 0.00	40.80 0.41 0.00	41.97 0.36 0.00	43.40 0.33 0.00	41.71 0.36 0.00	37.37 0.20 0.00	34.21 0.06 0.00	35.09 0.05 0.00	41.80 -0.07 0.00	58.91 0.74 0.00	52.87 1.26 0.00	54.08 1.46 0.00	60.03 1.75 0.00	57.60 2.13 0.00	49.21 2.07 0.00	52.57 2.17 0.00
OSWEGO___5 23606	35.83 -0.96 0.00	36.20 -0.99 0.00	40.68 -1.09 0.00	35.60 -0.98 0.00	36.41 -0.96 0.00	37.61 -0.94 0.00	50.74 -1.30 0.00	53.47 -1.22 0.00	61.23 -1.57 0.00	39.33 -1.06 0.00	40.47 -1.14 0.00	41.82 -1.25 0.00	40.17 -1.19 0.00	36.07 -1.11 0.00	33.10 -1.04 0.00	33.95 -1.09 0.00	40.60 -1.27 0.00	56.52 -1.66 0.00	50.21 -1.40 0.00	51.18 -1.44 0.00	56.63 -1.65 0.00	53.88 -1.59 0.00	45.84 -1.30 0.00	49.03 -1.37 0.00
OSWEGO___6 23613	35.83 -0.96 0.00	36.20 -0.99 0.00	40.68 -1.09 0.00	35.60 -0.98 0.00	36.41 -0.96 0.00	37.61 -0.94 0.00	50.74 -1.30 0.00	53.47 -1.22 0.00	61.23 -1.57 0.00	39.33 -1.06 0.00	40.47 -1.14 0.00	41.82 -1.25 0.00	40.17 -1.19 0.00	36.07 -1.11 0.00	33.10 -1.04 0.00	33.95 -1.09 0.00	40.60 -1.27 0.00	56.52 -1.66 0.00	50.21 -1.40 0.00	51.18 -1.44 0.00	56.63 -1.65 0.00	53.88 -1.59 0.00	45.84 -1.30 0.00	49.03 -1.37 0.00

OUTOKUMPU-AB___DRP 24206	35.23 -1.56 0.00	35.51 -1.69 0.00	40.26 -1.50 0.00	30.55 -1.37 4.65	36.05 -1.33 0.00	37.29 -1.27 0.00	45.65 -3.35 3.04	51.16 -3.53 0.00	58.89 -3.91 0.00	38.39 -1.99 0.00	39.64 -1.96 0.00	40.05 -3.02 0.00	38.70 -2.65 0.00	34.36 -2.82 0.00	31.26 -2.83 0.05	31.84 -3.20 0.00	33.33 -4.36 4.18	37.05 -6.14 15.00	39.33 -4.98 7.29	45.24 -4.99 2.39	40.52 -5.83 11.93	41.95 -5.19 8.32	43.53 -3.61 0.00	47.97 -2.43 0.00
OXBOW___BTM 323836	34.25 -1.87 0.67	34.59 -1.96 0.64	39.48 -1.82 0.47	29.88 -1.65 5.05	35.41 -1.63 0.35	36.24 -1.59 0.73	43.80 -3.87 4.37	48.88 -4.18 1.63	56.88 -4.65 1.27	37.04 -2.42 0.92	39.01 -2.40 0.20	39.62 -3.45 0.00	38.30 -3.06 0.00	33.86 -3.19 0.13	30.89 -3.21 0.05	31.45 -3.59 0.00	32.39 -4.82 4.66	35.82 -6.79 15.57	37.86 -5.67 8.08	44.29 -5.67 2.65	39.90 -6.58 11.80	41.24 -6.00 8.23	43.07 -4.07 0.00	47.52 -2.88 0.00
OXBOW___ 24026	34.89 -1.90 0.00	35.20 -1.99 0.00	39.92 -1.84 0.00	30.32 -1.66 4.60	35.75 -1.63 0.00	36.96 -1.60 0.00	45.12 -3.92 3.00	50.49 -4.20 0.00	58.10 -4.70 0.00	37.95 -2.44 0.00	39.23 -2.38 0.00	39.61 -3.46 0.00	38.29 -3.07 0.00	33.98 -3.19 0.00	30.89 -3.20 0.05	31.44 -3.60 0.00	32.93 -4.81 4.13	36.47 -6.81 14.90	38.78 -5.62 7.21	44.59 -5.68 2.35	39.96 -6.52 11.80	41.42 -5.81 8.23	43.06 -4.08 0.00	47.51 -2.88 0.00
OXY_CHEM_DSASP 323612	34.61 -2.18 0.00	34.96 -2.24 0.00	39.67 -2.10 0.00	30.14 -1.89 4.54	35.50 -1.89 0.00	36.69 -1.87 0.00	44.68 -4.39 2.97	49.90 -4.79 0.00	57.36 -5.44 0.00	37.55 -2.83 0.00	38.87 -2.73 0.00	39.22 -3.85 0.00	37.94 -3.42 0.00	33.65 -3.52 0.00	30.56 -3.53 0.05	31.08 -3.96 0.00	32.55 -5.25 4.08	35.96 -7.43 14.79	38.27 -6.21 7.13	43.96 -6.35 2.32	39.45 -7.16 11.67	40.95 -6.38 8.13	42.65 -4.49 0.00	47.12 -3.28 0.00
OZONE_PARK_ESR 323760	38.75 1.97 0.00	38.92 1.72 0.00	43.49 1.73 0.00	38.08 1.51 0.00	38.92 1.54 0.00	40.30 1.75 0.00	54.77 2.73 0.00	58.41 3.72 0.00	66.85 4.05 0.00	43.54 3.16 0.00	45.14 3.54 0.00	47.32 4.25 0.00	45.51 4.15 0.00	40.96 3.78 0.00	37.66 3.51 0.00	38.43 3.39 0.00	45.44 3.57 0.00	62.33 4.15 0.00	54.92 3.32 0.00	55.87 3.25 0.00	61.61 3.33 0.00	58.73 3.27 0.00	50.37 3.23 0.00	53.94 3.54 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.61 -2.18 0.00	34.96 -2.24 0.00	39.67 -2.10 0.00	30.14 -1.89 4.54	35.50 -1.89 0.00	36.69 -1.87 0.00	44.68 -4.39 2.97	49.90 -4.79 0.00	57.36 -5.44 0.00	37.55 -2.83 0.00	38.87 -2.73 0.00	39.22 -3.85 0.00	37.94 -3.42 0.00	33.65 -3.52 0.00	30.56 -3.53 0.05	31.08 -3.96 0.00	32.55 -5.25 4.08	35.96 -7.43 14.79	38.27 -6.21 7.13	43.96 -6.35 2.32	39.45 -7.16 11.67	40.95 -6.38 8.13	42.65 -4.49 0.00	47.12 -3.28 0.00
PACKARD___115KV_DUPONT_184 80571	33.97 -2.15 0.67	34.35 -2.20 0.64	39.21 -2.08 0.47	29.71 -1.88 4.99	35.17 -1.86 0.35	35.97 -1.86 0.73	43.36 -4.34 4.33	48.29 -4.77 1.63	56.16 -5.37 1.27	36.64 -2.82 0.92	38.65 -2.76 0.20	39.23 -3.84 0.00	37.94 -3.42 0.00	33.54 -3.50 0.13	30.56 -3.54 0.05	31.09 -3.95 0.00	32.02 -5.25 4.60	35.29 -7.42 15.47	37.36 -6.25 7.99	43.66 -6.34 2.62	39.39 -7.22 11.67	40.78 -6.55 8.13	42.64 -4.50 0.00	47.12 -3.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.25 1.46 0.00	38.46 1.26 0.00	42.97 1.21 0.00	37.67 1.10 0.00	38.49 1.11 0.00	39.92 1.36 0.00	54.17 2.14 0.00	57.76 3.06 0.00	66.07 3.27 0.00	42.98 2.59 0.00	44.53 2.92 0.00	46.70 3.63 0.00	44.84 3.49 0.00	40.34 3.17 0.00	37.11 2.97 0.00	37.89 2.85 0.00	44.71 2.84 0.00	61.31 3.13 0.00	53.95 2.35 0.00	55.15 2.53 0.00	60.81 2.52 0.00	58.17 2.71 0.00	49.94 2.80 0.00	53.33 2.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.94 2.15 0.00	39.18 1.98 0.00	43.82 2.05 0.00	38.42 1.85 0.00	39.28 1.90 0.00	40.81 2.25 0.00	55.38 3.35 0.00	59.05 4.36 0.00	67.53 4.73 0.00	43.88 3.49 0.00	45.42 3.81 0.00	47.65 4.58 0.00	45.72 4.36 0.00	41.09 3.91 0.00	37.80 3.66 0.00	38.58 3.54 0.00	45.51 3.64 0.00	62.40 4.22 0.00	54.95 3.35 0.00	56.14 3.52 0.00	61.83 3.55 0.00	59.12 3.66 0.00	50.79 3.64 0.00	54.32 3.92 0.00
PATROON___115KV_TB1 80586	37.08 0.29 0.00	37.52 0.32 0.00	42.00 0.24 0.00	36.88 0.30 0.00	37.61 0.23 0.00	38.74 0.19 0.00	52.40 0.37 0.00	55.39 0.69 0.00	63.27 0.47 0.00	40.69 0.30 0.00	41.94 0.33 0.00	43.52 0.45 0.00	41.60 0.24 0.00	37.59 0.41 0.00	34.72 0.57 0.00	35.63 0.58 0.00	42.63 0.76 0.00	58.98 0.81 0.00	52.14 0.53 0.00	53.22 0.60 0.00	59.09 0.81 0.00	56.20 0.74 0.00	47.41 0.27 0.00	50.54 0.14 0.00
PATTRSNVILLE___SOLAR 323815	37.70 0.91 0.00	38.12 0.93 0.00	42.80 1.03 0.00	37.49 0.92 0.00	38.33 0.94 0.00	39.56 1.00 0.00	53.55 1.51 0.00	56.49 1.80 0.00	64.38 1.58 0.00	40.91 0.53 0.00	41.97 0.37 0.00	43.43 0.36 0.00	41.70 0.34 0.00	37.53 0.36 0.00	34.45 0.31 0.00	35.33 0.29 0.00	42.46 0.59 0.00	59.46 1.29 0.00	53.11 1.50 0.00	54.14 1.52 0.00	59.94 1.65 0.00	57.01 1.54 0.00	48.30 1.16 0.00	51.57 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.20 -1.59 0.00	35.47 -1.73 0.00	40.19 -1.58 0.00	29.86 -1.51 5.20	35.96 -1.42 0.00	37.28 -1.28 0.00	45.66 -2.98 3.39	51.78 -2.91 0.00	59.67 -3.13 0.00	38.74 -1.64 0.00	39.94 -1.67 0.00	40.57 -2.50 0.00	39.23 -2.13 0.00	34.75 -2.42 0.00	31.72 -2.37 0.05	32.31 -2.73 0.00	33.53 -3.71 4.62	36.32 -5.30 16.56	39.26 -4.23 8.12	45.75 -4.24 2.63	40.06 -5.05 13.17	41.68 -4.54 9.24	43.92 -3.22 0.00	48.17 -2.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.52 1.73 0.00	38.74 1.55 0.00	43.35 1.59 0.00	37.96 1.39 0.00	38.81 1.43 0.00	40.14 1.59 0.00	54.49 2.46 0.00	58.01 3.32 0.00	66.33 3.53 0.00	43.04 2.66 0.00	44.55 2.94 0.00	46.63 3.56 0.00	44.76 3.40 0.00	40.28 3.11 0.00	37.03 2.88 0.00	37.87 2.82 0.00	44.89 3.02 0.00	61.69 3.52 0.00	54.51 2.90 0.00	55.43 2.81 0.00	61.19 2.91 0.00	58.26 2.80 0.00	49.85 2.71 0.00	53.38 2.97 0.00
PEEKSKILL___ 23653	38.20 1.41 0.00	38.41 1.21 0.00	42.95 1.19 0.00	37.61 1.04 0.00	38.45 1.07 0.00	39.76 1.20 0.00	53.93 1.89 0.00	57.40 2.71 0.00	65.64 2.84 0.00	42.64 2.26 0.00	44.19 2.59 0.00	46.30 3.23 0.00	44.51 3.15 0.00	40.06 2.88 0.00	36.81 2.67 0.00	37.60 2.56 0.00	44.51 2.64 0.00	61.04 2.87 0.00	53.85 2.24 0.00	54.77 2.15 0.00	60.46 2.18 0.00	57.65 2.18 0.00	49.42 2.28 0.00	52.96 2.56 0.00
PGE MADISON___WINDPWR 24146	39.06 2.27 0.00	39.49 2.30 0.00	44.53 2.76 0.00	45.03 2.15 -6.31	39.70 2.32 0.00	41.30 2.74 0.00	60.14 3.98 -4.12	59.41 4.72 0.00	67.56 4.75 0.00	43.06 2.67 0.00	43.72 2.11 0.00	45.18 2.11 0.00	43.39 2.04 0.00	38.95 1.78 0.00	35.55 1.40 -0.01	36.42 1.38 0.00	50.95 2.36 -6.72	81.41 3.97 -19.27	65.53 3.71 -10.22	58.96 3.66 -2.68	78.49 3.78 -16.43	73.61 3.42 -14.72	50.01 2.87 0.00	53.70 3.30 0.00

PIERCEFIELD___HYD 23852	38.27 1.49 0.00	38.80 1.61 0.00	43.59 1.83 0.00	38.15 1.58 0.00	39.01 1.63 0.00	40.26 1.70 0.00	54.16 2.13 0.00	56.16 1.47 0.00	65.01 2.21 0.00	41.36 0.97 0.00	42.50 0.89 0.00	43.85 0.78 0.00	42.23 0.87 0.00	37.90 0.72 0.00	34.67 0.53 0.00	35.64 0.60 0.00	42.32 0.44 0.00	59.17 0.99 0.00	52.81 1.20 0.00	53.97 1.35 0.00	60.02 1.74 0.00	57.59 2.12 0.00	49.26 2.12 0.00	52.60 2.20 0.00
PINELAWN_CC_1 323563	38.45 1.67 0.00	38.60 1.40 0.00	43.10 1.33 0.00	37.67 1.10 0.00	38.45 1.07 0.00	38.21 0.52 0.87	38.30 0.92 14.66	44.74 1.76 11.71	44.49 1.79 20.10	41.06 1.73 1.06	43.88 2.52 0.24	53.62 3.36 -7.19	53.77 3.28 -9.13	54.35 3.00 -14.18	49.15 2.74 -12.27	37.36 2.32 0.00	44.14 2.26 0.00	60.68 2.50 0.00	53.42 1.82 0.00	54.34 1.72 0.00	60.04 1.76 0.00	57.27 1.81 0.00	49.73 2.59 0.00	53.70 3.30 0.00
PJM_GEN_HTTP_PROXY 323702	38.44 1.65 0.00	38.60 1.41 0.00	43.18 1.41 0.00	37.81 1.24 0.00	38.64 1.26 0.00	39.98 1.42 0.00	54.28 2.25 0.00	57.85 3.15 0.00	65.12 3.41 1.08	43.13 2.75 0.00	44.75 3.15 0.00	46.88 3.81 0.00	45.08 3.72 0.00	40.56 3.39 0.00	37.30 3.16 0.00	38.07 3.03 0.00	45.03 3.16 0.00	61.74 3.57 0.00	54.40 2.79 0.00	55.30 2.68 0.00	61.01 2.73 0.00	58.15 2.68 0.00	49.89 2.74 0.00	53.43 3.04 0.00
PJM_GEN_KEystone 24065	35.53 -0.40 0.86	35.73 -0.64 0.83	40.55 -0.61 0.60	32.11 -0.65 3.81	36.41 -0.52 0.45	37.27 -0.35 0.94	47.29 -0.87 3.87	52.21 -0.35 2.12	59.44 -0.62 2.74	39.22 0.03 1.20	41.53 0.18 0.26	43.36 0.29 0.00	41.77 0.42 0.00	37.13 0.12 0.17	34.25 0.12 0.01	34.92 -0.11 0.00	37.86 -0.71 3.30	45.83 -1.56 10.78	44.12 -1.33 6.15	49.45 -1.35 1.82	49.00 -1.78 7.51	48.34 -1.61 5.52	46.70 -0.45 0.00	50.66 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.15 1.37 0.01	38.32 1.13 0.00	42.79 1.03 0.00	37.42 0.85 0.00	38.19 0.81 0.00	38.07 0.59 1.07	34.92 1.09 18.20	41.72 1.95 14.93	38.23 2.04 26.61	40.94 1.89 1.34	41.77 2.66 2.50	51.86 3.40 -5.40	51.65 3.30 -6.99	51.36 3.03 -11.16	46.60 2.77 -9.68	37.43 2.39 0.00	44.21 2.34 0.00	60.75 2.58 0.00	53.46 1.85 0.00	54.42 1.80 0.00	60.15 1.86 0.00	57.28 1.82 0.00	49.36 2.22 0.00	53.11 2.82 0.11
PJM_GEN_VFT_PROXY 323633	38.29 1.50 0.00	38.43 1.24 0.00	42.96 1.19 0.00	37.65 1.08 0.00	38.45 1.07 0.00	39.84 1.29 0.00	54.12 2.09 0.00	57.68 2.99 0.00	64.96 3.24 1.08	43.05 2.67 0.00	44.69 3.08 0.00	46.81 3.74 0.00	45.02 3.66 0.00	40.52 3.35 0.00	37.30 3.15 0.00	38.05 3.01 0.00	44.97 3.09 0.00	61.64 3.47 0.00	54.30 2.69 0.00	55.21 2.59 0.00	60.89 2.61 0.00	58.02 2.56 0.00	49.79 2.65 0.00	52.64 2.93 0.69
PLATSBURG_115KV_PMLD1 355749	37.57 0.78 0.00	38.05 0.86 0.00	42.68 0.91 0.00	37.35 0.78 0.00	38.02 0.64 0.00	39.07 0.52 0.00	52.09 0.05 0.00	53.93 -0.77 0.00	62.40 -0.41 0.00	40.46 0.08 0.00	41.77 0.16 0.00	43.14 0.07 0.00	41.48 0.12 0.00	37.32 0.14 0.00	34.23 0.09 0.00	35.26 0.21 0.00	41.93 0.06 0.00	58.30 0.13 0.00	51.82 0.21 0.00	52.81 0.19 0.00	58.50 0.21 0.00	55.69 0.23 0.00	47.73 0.58 0.00	51.16 0.76 0.00
PLEASANTVLY___LBMP 24000	37.99 1.20 0.00	38.24 1.04 0.00	42.80 1.04 0.00	37.47 0.90 0.00	38.30 0.92 0.00	39.55 1.00 0.00	53.63 1.59 0.00	57.00 2.31 0.00	65.21 2.41 0.00	42.34 1.96 0.00	43.84 2.24 0.00	45.87 2.80 0.00	44.06 2.71 0.00	39.68 2.50 0.00	36.48 2.34 0.00	37.29 2.24 0.00	44.20 2.32 0.00	60.69 2.51 0.00	53.53 1.92 0.00	54.47 1.85 0.00	60.18 1.90 0.00	57.37 1.91 0.00	49.09 1.95 0.00	52.57 2.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.29 1.50 0.00	38.50 1.30 0.00	43.09 1.32 0.00	37.72 1.15 0.00	38.55 1.16 0.00	39.86 1.30 0.00	54.09 2.05 0.00	57.57 2.88 0.00	65.84 3.04 0.00	42.82 2.44 0.00	44.39 2.78 0.00	46.49 3.41 0.00	44.67 3.32 0.00	40.21 3.03 0.00	36.96 2.81 0.00	37.75 2.71 0.00	44.70 2.83 0.00	61.33 3.15 0.00	54.08 2.48 0.00	54.99 2.37 0.00	60.72 2.43 0.00	57.84 2.38 0.00	49.57 2.43 0.00	53.11 2.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.29 1.50 0.00	38.50 1.30 0.00	43.09 1.32 0.00	37.72 1.15 0.00	38.55 1.16 0.00	39.86 1.30 0.00	54.09 2.05 0.00	57.57 2.88 0.00	65.84 3.04 0.00	42.82 2.44 0.00	44.39 2.78 0.00	46.49 3.41 0.00	44.67 3.32 0.00	40.21 3.03 0.00	36.96 2.81 0.00	37.75 2.71 0.00	44.70 2.83 0.00	61.33 3.15 0.00	54.08 2.48 0.00	54.99 2.37 0.00	60.72 2.43 0.00	57.84 2.38 0.00	49.57 2.43 0.00	53.11 2.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.28 1.49 0.00	38.55 1.35 0.00	43.16 1.39 0.00	37.79 1.22 0.00	38.61 1.23 0.00	39.92 1.36 0.00	54.13 2.10 0.00	57.56 2.86 0.00	65.80 3.00 0.00	42.60 2.22 0.00	44.02 2.42 0.00	45.97 2.90 0.00	44.15 2.80 0.00	39.84 2.67 0.00	36.65 2.51 0.00	37.50 2.46 0.00	44.43 2.55 0.00	61.18 3.00 0.00	54.02 2.41 0.00	55.00 2.38 0.00	60.76 2.48 0.00	57.88 2.41 0.00	49.44 2.29 0.00	52.89 2.49 0.00
POLETTI_____ 23519	37.75 0.96 0.00	37.97 0.77 0.00	42.39 0.63 0.00	37.17 0.60 0.00	38.00 0.62 0.00	39.41 0.86 0.00	53.51 1.48 0.00	57.10 2.41 0.00	65.41 2.61 0.00	42.57 2.19 0.00	44.11 2.50 0.00	46.28 3.21 0.00	44.43 3.08 0.00	40.04 2.86 0.00	36.85 2.70 0.00	37.65 2.61 0.00	44.37 2.50 0.00	60.81 2.63 0.00	53.43 1.82 0.00	54.49 1.87 0.00	60.09 1.80 0.00	57.58 2.11 0.00	49.85 2.70 0.00	53.15 2.75 0.00
POMONA___ESR 323819	38.27 1.49 0.00	38.47 1.27 0.00	43.06 1.30 0.00	37.70 1.13 0.00	38.53 1.15 0.00	39.85 1.30 0.00	54.06 2.02 0.00	57.53 2.83 0.00	65.77 2.97 0.00	42.72 2.33 0.00	44.28 2.68 0.00	46.40 3.33 0.00	44.62 3.26 0.00	40.16 2.99 0.00	36.90 2.76 0.00	37.70 2.65 0.00	44.60 2.73 0.00	61.15 2.97 0.00	53.94 2.34 0.00	54.85 2.23 0.00	60.57 2.29 0.00	57.75 2.29 0.00	49.53 2.39 0.00	53.08 2.68 0.00
PORT_JEFF_3 23555	38.23 1.44 0.00	38.35 1.15 0.00	42.78 1.02 0.00	37.39 0.82 0.00	38.12 0.74 0.00	37.90 0.35 1.00	36.07 0.94 16.91	42.49 1.67 13.86	40.97 1.87 23.70	40.90 1.76 1.24	42.46 2.57 1.71	52.50 3.42 -6.02	52.38 3.30 -7.73	52.38 3.02 -12.19	47.47 2.76 -10.56	37.40 2.36 0.00	44.10 2.23 0.00	60.70 2.52 0.00	53.14 1.54 0.00	54.26 1.65 0.00	60.01 1.73 0.00	57.12 1.65 0.00	49.30 2.16 0.00	53.32 2.99 0.07
PORT_JEFF_4 23616	38.23 1.44 0.00	38.35 1.15 0.00	42.78 1.02 0.00	37.39 0.82 0.00	38.12 0.74 0.00	37.90 0.35 1.00	36.07 0.94 16.91	42.49 1.67 13.86	40.97 1.87 23.70	40.90 1.76 1.24	42.46 2.57 1.71	52.50 3.42 -6.02	52.38 3.30 -7.73	52.38 3.02 -12.19	47.47 2.76 -10.56	37.40 2.36 0.00	44.10 2.23 0.00	60.70 2.52 0.00	53.14 1.54 0.00	54.26 1.65 0.00	60.01 1.73 0.00	57.12 1.65 0.00	49.30 2.16 0.00	53.32 2.99 0.07

PORT_JEFF_IC 23713	38.26 1.48 0.00	38.38 1.19 0.00	42.81 1.05 0.00	37.41 0.84 0.00	38.15 0.77 0.00	37.95 0.39 0.99	36.25 1.01 16.80	42.66 1.73 13.77	41.24 1.98 23.54	40.96 1.81 1.24	42.59 2.62 1.64	52.62 3.48 -6.07	52.51 3.36 -7.79	52.53 3.08 -12.28	47.59 2.80 -10.64	37.44 2.39 0.00	44.15 2.28 0.00	60.77 2.59 0.00	53.22 1.62 0.00	54.35 1.73 0.00	60.08 1.79 0.00	57.18 1.72 0.00	49.35 2.20 0.00	53.38 3.05 0.06
PPL PILGRIM_ST_GT1 24216	38.65 1.86 0.00	38.82 1.63 0.00	43.32 1.56 0.00	37.87 1.30 0.00	38.65 1.27 0.00	38.53 0.93 0.96	37.29 1.51 16.25	43.78 2.40 13.32	42.59 2.56 22.77	41.51 2.33 1.19	43.46 3.16 1.30	53.37 3.97 -6.33	53.29 3.84 -8.09	53.40 3.52 -12.71	48.38 3.23 -11.00	37.85 2.81 0.00	44.66 2.79 0.00	61.51 3.33 0.00	54.09 2.48 0.00	55.08 2.46 0.00	60.84 2.55 0.00	57.88 2.42 0.00	49.92 2.78 0.00	53.95 3.60 0.05
PPL PILGRIM_ST_GT2 24217	38.65 1.86 0.00	38.82 1.63 0.00	43.32 1.56 0.00	37.87 1.30 0.00	38.65 1.27 0.00	38.53 0.93 0.96	37.29 1.51 16.25	43.78 2.40 13.32	42.59 2.56 22.77	41.51 2.33 1.19	43.46 3.16 1.30	53.37 3.97 -6.33	53.29 3.84 -8.09	53.40 3.52 -12.71	48.38 3.23 -11.00	37.85 2.81 0.00	44.66 2.79 0.00	61.51 3.33 0.00	54.09 2.48 0.00	55.08 2.46 0.00	60.84 2.55 0.00	57.88 2.42 0.00	49.92 2.78 0.00	53.95 3.60 0.05
PPL_SHRM_GT3 24213	38.35 1.56 0.00	38.43 1.23 0.00	42.88 1.12 0.00	37.46 0.89 0.00	38.16 0.78 0.00	37.84 0.28 1.00	36.21 1.03 16.85	42.49 1.61 13.82	41.18 1.99 23.62	40.91 1.77 1.24	42.44 2.50 1.67	52.58 3.46 -6.04	52.45 3.33 -7.76	52.45 3.04 -12.23	47.52 2.77 -10.60	37.44 2.40 0.00	44.17 2.30 0.00	60.80 2.63 0.00	52.92 1.31 0.00	54.23 1.61 0.00	60.07 1.78 0.00	57.20 1.73 0.00	49.38 2.24 0.00	53.41 3.08 0.06
PPL_SHRM_GT4 24214	38.35 1.56 0.00	38.43 1.23 0.00	42.88 1.12 0.00	37.46 0.89 0.00	38.16 0.78 0.00	37.84 0.28 1.00	36.21 1.03 16.85	42.49 1.61 13.82	41.18 1.99 23.62	40.91 1.77 1.24	42.44 2.50 1.67	52.58 3.46 -6.04	52.45 3.33 -7.76	52.45 3.04 -12.23	47.52 2.77 -10.60	37.44 2.40 0.00	44.17 2.30 0.00	60.80 2.63 0.00	52.92 1.31 0.00	54.23 1.61 0.00	60.07 1.78 0.00	57.20 1.73 0.00	49.38 2.24 0.00	53.41 3.08 0.06
PROJECT___ORANGE 1 24174	36.20 -0.59 0.00	36.56 -0.64 0.00	41.09 -0.67 0.00	35.95 -0.62 0.00	36.79 -0.59 0.00	38.03 -0.53 0.00	51.37 -0.67 0.00	54.20 -0.49 0.00	62.01 -0.79 0.00	39.80 -0.58 0.00	40.92 -0.69 0.00	42.29 -0.78 0.00	40.62 -0.74 0.00	36.46 -0.72 0.00	33.47 -0.68 0.00	34.31 -0.73 0.00	41.08 -0.79 0.00	57.20 -0.97 0.00	50.80 -0.81 0.00	51.79 -0.83 0.00	57.28 -1.00 0.00	54.48 -0.99 0.00	46.35 -0.79 0.00	49.58 -0.82 0.00
PROJECT___ORANGE 2 24166	36.20 -0.59 0.00	36.56 -0.64 0.00	41.09 -0.67 0.00	35.95 -0.62 0.00	36.79 -0.59 0.00	38.03 -0.53 0.00	51.37 -0.67 0.00	54.20 -0.49 0.00	62.01 -0.79 0.00	39.80 -0.58 0.00	40.92 -0.69 0.00	42.29 -0.78 0.00	40.62 -0.74 0.00	36.46 -0.72 0.00	33.47 -0.68 0.00	34.31 -0.73 0.00	41.08 -0.79 0.00	57.20 -0.97 0.00	50.80 -0.81 0.00	51.79 -0.83 0.00	57.28 -1.00 0.00	54.48 -0.99 0.00	46.35 -0.79 0.00	49.58 -0.82 0.00
PUCKETT___SOLAR 323809	37.57 0.54 -0.24	37.87 0.44 -0.23	42.55 0.61 -0.17	37.11 0.37 -0.16	37.98 0.47 -0.13	39.47 0.65 -0.27	53.46 0.91 -0.51	56.78 1.36 -0.74	64.56 1.18 -0.58	41.58 0.78 -0.42	42.30 0.61 -0.09	43.52 0.45 0.00	41.72 0.36 0.00	37.30 0.07 -0.06	34.24 0.09 0.00	35.10 0.06 0.00	42.30 0.19 -0.24	57.55 0.51 1.14	51.09 0.53 1.04	52.90 0.51 0.23	57.57 0.44 1.16	55.85 0.42 0.04	47.70 0.55 0.00	51.28 0.88 0.00
PYRITES___HYD 24023	38.77 1.98 0.00	39.33 2.14 0.00	44.21 2.44 0.00	38.68 2.10 0.00	39.56 2.18 0.00	40.87 2.32 0.00	55.10 3.06 0.00	57.10 2.41 0.00	66.07 3.27 0.00	41.72 1.34 0.00	42.74 1.14 0.00	44.06 0.99 0.00	42.46 1.10 0.00	38.14 0.96 0.00	34.89 0.75 0.00	35.87 0.83 0.00	42.65 0.78 0.00	60.12 1.94 0.00	53.99 2.38 0.00	55.19 2.57 0.00	61.23 2.94 0.00	58.54 3.08 0.00	49.99 2.84 0.00	53.33 2.93 0.00
QUAKERRD_115KV_BK1 80622	35.29 -1.50 0.00	35.64 -1.56 0.00	40.15 -1.61 0.00	32.79 -1.44 2.34	35.97 -1.41 0.00	37.24 -1.31 0.00	48.34 -2.17 1.53	52.62 -2.07 0.00	60.38 -2.43 0.00	38.79 -1.59 0.00	39.91 -1.70 0.00	40.87 -2.21 0.00	39.34 -2.01 0.00	35.17 -2.00 0.00	32.15 -2.00 0.00	32.90 -2.14 0.00	37.19 -2.61 2.07	48.01 -3.35 6.82	45.16 -2.75 3.70	48.96 -2.73 0.93	49.81 -3.28 5.19	48.10 -3.13 4.23	44.74 -2.41 0.00	48.25 -2.15 0.00
QUENSBRY_115KV_TB8 356137	38.20 1.41 0.00	38.65 1.45 0.00	43.20 1.44 0.00	37.87 1.30 0.00	38.88 1.50 0.00	40.30 1.74 0.00	55.08 3.04 0.00	57.77 3.08 0.00	65.06 2.26 0.00	41.23 0.84 0.00	42.21 0.60 0.00	43.81 0.73 0.00	41.66 0.30 0.00	37.52 0.35 0.00	34.88 0.73 0.00	35.95 0.91 0.00	43.59 1.72 0.00	60.93 2.75 0.00	54.08 2.47 0.00	55.25 2.63 0.00	61.01 2.73 0.00	57.81 2.35 0.00	48.48 1.34 0.00	51.65 1.25 0.00
RAMAPO___LBMP 323565	38.14 1.35 0.00	38.35 1.15 0.00	42.92 1.15 0.00	37.57 1.00 0.00	38.42 1.04 0.00	39.73 1.18 0.00	53.88 1.84 0.00	57.32 2.63 0.00	65.51 2.72 0.00	42.54 2.16 0.00	44.08 2.47 0.00	46.21 3.13 0.00	44.43 3.07 0.00	39.98 2.81 0.00	36.73 2.59 0.00	37.53 2.48 0.00	44.40 2.53 0.00	60.86 2.68 0.00	53.70 2.09 0.00	54.63 2.01 0.00	60.31 2.03 0.00	57.53 2.06 0.00	49.34 2.20 0.00	52.89 2.49 0.00
RANKINE____ 23646	35.20 -1.59 0.00	35.47 -1.72 0.00	40.22 -1.54 0.00	30.00 -1.47 5.11	35.98 -1.40 0.00	37.32 -1.24 0.00	45.63 -3.07 3.34	51.64 -3.05 0.00	59.51 -3.29 0.00	38.68 -1.70 0.00	39.87 -1.73 0.00	40.38 -2.70 0.00	39.03 -2.32 0.00	34.62 -2.56 0.00	31.56 -2.53 0.06	32.15 -2.89 0.00	33.32 -3.97 4.59	36.20 -5.61 16.37	39.08 -4.54 7.99	45.47 -4.48 2.66	39.72 -5.42 13.14	41.49 -4.87 9.11	43.79 -3.35 0.00	48.09 -2.31 0.00
RAVENSWOOD_GT2_1 24244	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.27 2.23 0.00	57.84 3.15 0.00	66.18 3.38 0.00	43.11 2.73 0.00	44.72 3.12 0.00	46.86 3.79 0.00	45.05 3.70 0.00	40.55 3.37 0.00	37.29 3.15 0.00	38.06 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.29 2.68 0.00	60.98 2.70 0.00	58.14 2.67 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT2_2 24245	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.27 2.23 0.00	57.84 3.15 0.00	66.18 3.38 0.00	43.11 2.73 0.00	44.72 3.12 0.00	46.86 3.79 0.00	45.05 3.70 0.00	40.55 3.37 0.00	37.29 3.15 0.00	38.06 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.29 2.68 0.00	60.98 2.70 0.00	58.14 2.67 0.00	49.89 2.75 0.00	53.45 3.05 0.00

RAVENSWOOD_GT2_3 24246	38.43 1.64 0.00	38.60 1.41 0.00	43.17 1.41 0.00	37.81 1.24 0.00	38.63 1.26 0.00	39.99 1.43 0.00	54.30 2.26 0.00	57.86 3.16 0.00	66.22 3.42 0.00	43.14 2.76 0.00	44.74 3.13 0.00	46.88 3.81 0.00	45.07 3.72 0.00	40.56 3.39 0.00	37.30 3.15 0.00	38.08 3.04 0.00	45.03 3.16 0.00	61.74 3.56 0.00	54.39 2.78 0.00	55.32 2.70 0.00	61.02 2.73 0.00	58.18 2.71 0.00	49.90 2.76 0.00	53.47 3.07 0.00
RAVENSWOOD_GT2_4 24247	38.43 1.64 0.00	38.60 1.41 0.00	43.17 1.41 0.00	37.81 1.24 0.00	38.63 1.26 0.00	39.99 1.43 0.00	54.30 2.26 0.00	57.86 3.16 0.00	66.22 3.42 0.00	43.14 2.76 0.00	44.74 3.13 0.00	46.88 3.81 0.00	45.07 3.72 0.00	40.56 3.39 0.00	37.30 3.15 0.00	38.08 3.04 0.00	45.03 3.16 0.00	61.74 3.56 0.00	54.39 2.78 0.00	55.32 2.70 0.00	61.02 2.73 0.00	58.18 2.71 0.00	49.90 2.76 0.00	53.47 3.07 0.00
RAVENSWOOD_GT3_1 24248	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.27 2.23 0.00	57.84 3.15 0.00	66.18 3.38 0.00	43.11 2.73 0.00	44.72 3.12 0.00	46.86 3.79 0.00	45.05 3.70 0.00	40.55 3.37 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.14 2.67 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT3_2 24249	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.27 2.23 0.00	57.84 3.15 0.00	66.18 3.38 0.00	43.11 2.73 0.00	44.72 3.12 0.00	46.86 3.79 0.00	45.05 3.70 0.00	40.55 3.37 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.14 2.67 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT3_3 24250	38.47 1.68 0.00	38.64 1.45 0.00	43.21 1.45 0.00	37.85 1.28 0.00	38.67 1.29 0.00	40.02 1.47 0.00	54.35 2.31 0.00	57.91 3.22 0.00	66.29 3.49 0.00	43.18 2.79 0.00	44.79 3.18 0.00	46.93 3.86 0.00	45.13 3.77 0.00	40.62 3.44 0.00	37.35 3.20 0.00	38.12 3.08 0.00	45.08 3.21 0.00	61.79 3.62 0.00	54.45 2.84 0.00	55.37 2.76 0.00	61.08 2.79 0.00	58.23 2.77 0.00	49.95 2.80 0.00	53.52 3.12 0.00
RAVENSWOOD_GT3_4 24251	38.47 1.68 0.00	38.64 1.45 0.00	43.21 1.45 0.00	37.85 1.28 0.00	38.67 1.29 0.00	40.02 1.47 0.00	54.35 2.31 0.00	57.91 3.22 0.00	66.29 3.49 0.00	43.18 2.79 0.00	44.79 3.18 0.00	46.93 3.86 0.00	45.13 3.77 0.00	40.62 3.44 0.00	37.35 3.20 0.00	38.12 3.08 0.00	45.08 3.21 0.00	61.79 3.62 0.00	54.45 2.84 0.00	55.37 2.76 0.00	61.08 2.79 0.00	58.23 2.77 0.00	49.95 2.80 0.00	53.52 3.12 0.00
RAVENSWOOD_GT_1 23729	38.31 1.52 0.00	38.48 1.29 0.00	42.99 1.22 0.00	37.68 1.11 0.00	38.50 1.12 0.00	39.92 1.37 0.00	54.16 2.13 0.00	57.72 3.03 0.00	66.07 3.27 0.00	43.11 2.73 0.00	44.69 3.08 0.00	46.85 3.78 0.00	45.01 3.65 0.00	40.50 3.33 0.00	37.27 3.12 0.00	38.05 3.01 0.00	44.92 3.05 0.00	61.55 3.37 0.00	54.12 2.51 0.00	55.13 2.51 0.00	60.74 2.46 0.00	58.03 2.57 0.00	49.84 2.70 0.00	53.28 2.88 0.00
RAVENSWOOD_GT_10 24258	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.39 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.03 0.00	45.01 3.13 0.00	61.73 3.55 0.00	54.37 2.76 0.00	55.30 2.69 0.00	60.99 2.71 0.00	58.15 2.69 0.00	49.89 2.75 0.00	53.46 3.06 0.00
RAVENSWOOD_GT_11 24259	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.39 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.03 0.00	45.01 3.13 0.00	61.73 3.55 0.00	54.37 2.76 0.00	55.30 2.69 0.00	60.99 2.71 0.00	58.15 2.69 0.00	49.89 2.75 0.00	53.46 3.06 0.00
RAVENSWOOD_GT_4 24252	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.38 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.15 2.68 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT_5 24254	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.38 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.15 2.68 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT_6 24253	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.38 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.15 2.68 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT_7 24255	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.38 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.02 0.00	45.01 3.13 0.00	61.72 3.55 0.00	54.36 2.75 0.00	55.30 2.69 0.00	60.98 2.70 0.00	58.15 2.68 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.39 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.03 0.00	45.01 3.13 0.00	61.73 3.55 0.00	54.37 2.76 0.00	55.30 2.69 0.00	60.99 2.71 0.00	58.15 2.69 0.00	49.89 2.75 0.00	53.46 3.06 0.00
RAVENSWOOD_GT_9 24257	38.42 1.63 0.00	38.60 1.41 0.00	43.16 1.40 0.00	37.81 1.24 0.00	38.63 1.25 0.00	39.97 1.42 0.00	54.28 2.24 0.00	57.85 3.16 0.00	66.19 3.39 0.00	43.12 2.74 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.29 3.15 0.00	38.07 3.03 0.00	45.01 3.13 0.00	61.73 3.55 0.00	54.37 2.76 0.00	55.30 2.69 0.00	60.99 2.71 0.00	58.15 2.69 0.00	49.89 2.75 0.00	53.46 3.06 0.00

RAVENSWOOD___1 23533	38.27 1.48 0.00	38.45 1.26 0.00	42.95 1.19 0.00	37.66 1.09 0.00	38.47 1.09 0.00	39.90 1.35 0.00	54.13 2.10 0.00	57.68 2.99 0.00	66.03 3.23 0.00	43.08 2.69 0.00	44.66 3.06 0.00	46.81 3.74 0.00	44.97 3.61 0.00	40.48 3.30 0.00	37.24 3.09 0.00	38.02 2.97 0.00	44.88 3.00 0.00	61.51 3.33 0.00	54.08 2.48 0.01	55.08 2.47 0.00	60.69 2.41 0.01	58.00 2.53 0.00	49.81 2.67 0.00	53.23 2.83 0.00
RAVENSWOOD___2 23534	38.24 1.46 0.00	38.43 1.23 0.00	42.92 1.16 0.00	37.64 1.07 0.00	38.45 1.07 0.00	39.87 1.32 0.00	54.08 2.05 0.00	57.64 2.95 0.00	66.00 3.20 0.00	43.05 2.66 0.00	44.63 3.02 0.00	46.77 3.70 0.00	44.94 3.58 0.00	40.45 3.28 0.00	37.22 3.07 0.00	37.99 2.95 0.00	44.84 2.97 0.00	61.45 3.28 0.00	54.04 2.44 0.01	55.05 2.44 0.00	60.66 2.38 0.01	57.97 2.51 0.00	49.79 2.65 0.00	53.19 2.79 0.00
RAVENSWOOD___3 23535	38.42 1.62 0.00	38.60 1.40 0.00	43.16 1.39 0.00	37.80 1.23 0.00	38.62 1.24 0.00	39.97 1.42 0.00	54.27 2.23 0.00	57.83 3.14 0.00	66.18 3.38 0.00	43.11 2.73 0.00	44.73 3.12 0.00	46.86 3.79 0.00	45.06 3.70 0.00	40.55 3.38 0.00	37.30 3.15 0.00	38.06 3.02 0.00	45.01 3.13 0.00	61.72 3.54 0.00	54.36 2.75 0.00	55.29 2.68 0.00	60.98 2.70 0.00	58.14 2.67 0.00	49.89 2.75 0.00	53.45 3.05 0.00
RAVENSWOOD___4 23820	38.24 1.46 0.00	38.43 1.23 0.00	42.92 1.16 0.00	37.64 1.07 0.00	38.45 1.07 0.00	39.87 1.32 0.00	54.08 2.05 0.00	57.64 2.95 0.00	66.00 3.20 0.00	43.05 2.66 0.00	44.63 3.02 0.00	46.77 3.70 0.00	44.94 3.58 0.00	40.45 3.28 0.00	37.22 3.07 0.00	37.99 2.95 0.00	44.84 2.97 0.00	61.45 3.28 0.00	54.04 2.44 0.01	55.05 2.44 0.00	60.66 2.38 0.01	57.97 2.51 0.00	49.79 2.65 0.00	53.19 2.79 0.00
RCPL_TRUST___DRP 24196	38.47 1.68 0.00	38.64 1.45 0.00	43.20 1.44 0.00	37.83 1.26 0.00	38.65 1.27 0.00	40.01 1.45 0.00	54.34 2.30 0.00	57.90 3.21 0.00	66.28 3.48 0.00	43.18 2.80 0.00	44.81 3.20 0.00	46.94 3.87 0.00	45.14 3.78 0.00	40.62 3.45 0.00	37.36 3.21 0.00	38.12 3.08 0.00	45.09 3.22 0.00	61.82 3.64 0.00	54.45 2.84 0.00	55.35 2.74 0.00	61.05 2.76 0.00	58.19 2.72 0.00	49.92 2.78 0.00	53.48 3.08 0.00
RED___ROCHESTER 323720	36.01 -0.53 0.25	36.34 -0.62 0.24	41.07 -0.52 0.18	33.14 -0.51 2.92	36.81 -0.44 0.13	37.99 -0.29 0.27	48.82 -0.91 2.31	53.41 -0.68 0.61	61.57 -0.76 0.47	39.51 -0.53 0.34	40.88 -0.65 0.07	41.87 -1.20 0.00	40.35 -1.00 0.00	35.98 -1.15 0.05	32.90 -1.25 0.00	33.63 -1.41 0.00	37.49 -1.77 2.62	47.73 -2.16 8.29	45.33 -1.61 4.67	49.87 -1.54 1.21	50.11 -2.03 6.14	48.53 -1.93 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
REGAN___SOLAR 323812	38.14 1.35 0.00	38.58 1.39 0.00	43.34 1.58 0.00	37.96 1.39 0.00	38.85 1.47 0.00	40.17 1.62 0.00	54.48 2.44 0.00	57.49 2.80 0.00	65.14 2.34 0.00	40.92 0.54 0.00	41.40 -0.21 0.00	42.53 -0.54 0.00	41.37 0.02 0.00	37.10 -0.07 0.00	33.81 -0.34 0.00	34.71 -0.33 0.00	42.03 0.16 0.00	59.87 1.70 0.00	54.05 2.44 0.00	55.08 2.46 0.00	60.82 2.54 0.00	57.82 2.35 0.00	49.00 1.85 0.00	52.25 1.85 0.00
RENSSELAER___COGEN 23796	36.86 0.07 0.00	37.30 0.10 0.00	41.76 0.00 0.00	36.66 0.09 0.00	37.39 0.01 0.00	38.51 -0.05 0.00	52.07 0.04 0.00	55.04 0.35 0.00	62.86 0.06 0.00	40.44 0.05 0.00	41.69 0.08 0.00	43.27 0.20 0.00	41.38 0.02 0.00	37.38 0.21 0.00	34.52 0.38 0.00	35.41 0.37 0.00	42.31 0.44 0.00	58.54 0.36 0.00	51.76 0.16 0.00	52.79 0.16 0.00	58.68 0.40 0.00	55.82 0.36 0.00	47.12 -0.02 0.00	50.26 -0.14 0.00
REPUBLIC_115KV_BARTNBK 55605	40.13 3.34 0.00	40.49 3.30 0.00	45.04 3.27 0.00	39.52 2.95 0.00	40.98 3.60 0.00	43.39 4.84 0.00	60.59 8.56 0.00	62.39 7.70 0.00	67.60 4.80 0.00	42.08 1.70 0.00	42.98 1.37 0.00	44.75 1.68 0.00	42.02 0.66 0.00	37.96 0.79 0.00	36.01 1.87 0.00	37.66 2.61 0.00	46.26 4.39 0.00	64.34 6.17 0.00	57.63 6.03 0.00	59.09 6.46 0.00	64.67 6.39 0.00	60.66 5.19 0.00	50.18 3.04 0.00	53.39 2.99 0.00
REVERE_CPPR_DRP 24186	38.12 1.34 0.00	38.60 1.40 0.00	43.40 1.64 0.00	38.02 1.45 0.00	38.90 1.52 0.00	40.27 1.72 0.00	54.68 2.64 0.00	57.47 2.77 0.00	65.39 2.59 0.00	41.51 1.13 0.00	42.51 0.91 0.00	43.97 0.90 0.00	42.17 0.82 0.00	37.79 0.62 0.00	34.68 0.53 0.00	35.56 0.52 0.00	42.86 0.99 0.00	60.39 2.21 0.00	53.81 2.21 0.00	54.84 2.22 0.00	61.24 2.35 -0.61	58.80 2.24 -1.10	49.06 1.92 0.00	52.41 2.01 0.00
REYNLDPA_13_KV_LD 356490	37.49 0.70 0.00	37.95 0.76 0.00	42.61 0.85 0.00	37.33 0.76 0.00	38.14 0.76 0.00	39.34 0.78 0.00	52.92 0.88 0.00	55.15 0.46 0.00	63.82 1.02 0.00	41.05 0.67 0.00	42.29 0.68 0.00	43.65 0.58 0.00	42.04 0.68 0.00	37.76 0.58 0.00	34.59 0.44 0.00	35.59 0.55 0.00	42.48 0.61 0.00	59.21 1.04 0.00	52.65 1.04 0.00	53.71 1.09 0.00	59.46 1.18 0.00	56.59 1.12 0.00	48.14 1.00 0.00	51.43 1.03 0.00
REYNOLDS_115KV_TB3 80639	37.15 0.36 0.00	37.60 0.40 0.00	42.08 0.32 0.00	36.93 0.36 0.00	37.66 0.28 0.00	38.79 0.23 0.00	52.43 0.40 0.00	55.41 0.72 0.00	63.26 0.46 0.00	40.69 0.31 0.00	41.92 0.31 0.00	43.53 0.46 0.00	41.56 0.21 0.00	37.53 0.36 0.00	34.69 0.55 0.00	35.59 0.55 0.00	42.61 0.73 0.00	58.92 0.74 0.00	52.09 0.48 0.00	53.14 0.52 0.00	59.13 0.84 0.00	56.27 0.80 0.00	47.41 0.26 0.00	50.53 0.13 0.00
RIVERBAY____ 323610	38.94 2.15 0.00	39.18 1.98 0.00	43.82 2.05 0.00	38.42 1.85 0.00	39.28 1.90 0.00	40.81 2.25 0.00	55.38 3.35 0.00	59.05 4.36 0.00	67.53 4.73 0.00	43.88 3.49 0.00	45.42 3.81 0.00	47.65 4.58 0.00	45.72 4.36 0.00	41.09 3.91 0.00	37.80 3.66 0.00	38.58 3.54 0.00	45.51 3.64 0.00	62.40 4.22 0.00	54.95 3.35 0.00	56.14 3.52 0.00	61.83 3.55 0.00	59.12 3.66 0.00	50.79 3.64 0.00	54.32 3.92 0.00
RIVERSDE_115KV_TB3 55908	36.92 0.13 0.00	37.35 0.16 0.00	41.82 0.05 0.00	36.71 0.14 0.00	37.44 0.06 0.00	38.55 0.00 0.00	52.13 0.10 0.00	55.10 0.41 0.00	62.93 0.13 0.00	40.49 0.10 0.00	41.73 0.12 0.00	43.33 0.26 0.00	41.41 0.05 0.00	37.41 0.24 0.00	34.56 0.41 0.00	35.46 0.42 0.00	42.39 0.51 0.00	58.63 0.45 0.00	51.82 0.21 0.00	52.86 0.23 0.00	58.75 0.47 0.00	55.92 0.45 0.00	47.16 0.02 0.00	50.28 -0.11 0.00
ROARING___BROOK_WT_PWR 323790	36.83 0.05 0.00	37.30 0.10 0.00	41.89 0.12 0.00	36.68 0.11 0.00	37.48 0.10 0.00	38.63 0.07 0.00	52.08 0.04 0.00	54.58 -0.11 0.00	62.74 -0.07 0.00	40.37 -0.01 0.00	41.64 0.04 0.00	43.10 0.02 0.00	41.43 0.07 0.00	37.21 0.04 0.00	34.14 0.00 0.00	35.05 0.01 0.00	41.85 -0.03 0.00	58.19 0.02 0.00	51.66 0.05 0.00	52.65 0.03 0.00	58.32 0.04 0.00	55.51 0.05 0.00	47.24 0.10 0.00	50.45 0.05 0.00

ROCHESRG_115KV_T4 355643	35.91 -0.88 0.00	36.24 -0.96 0.00	40.88 -0.89 0.00	33.06 -0.82 2.69	36.61 -0.77 0.00	37.90 -0.66 0.00	48.81 -1.47 1.76	53.37 -1.32 0.00	61.30 -1.50 0.00	39.45 -0.94 0.00	40.57 -1.04 0.00	41.48 -1.59 0.00	39.97 -1.39 0.00	35.68 -1.49 0.00	32.58 -1.55 0.01	33.31 -1.73 0.00	37.27 -2.20 2.40	47.46 -2.84 7.87	45.13 -2.22 4.26	49.30 -2.18 1.14	49.43 -2.70 6.15	48.02 -2.54 4.90	45.35 -1.79 0.00	49.06 -1.33 0.00
ROCHESTER_9_IC 23652	36.10 -0.69 0.00	36.41 -0.78 0.00	41.07 -0.69 0.00	33.16 -0.65 2.75	36.79 -0.59 0.00	38.10 -0.45 0.00	49.08 -1.16 1.80	53.72 -0.97 0.00	61.70 -1.10 0.00	39.66 -0.72 0.00	40.79 -0.82 0.00	41.69 -1.38 0.00	40.18 -1.18 0.00	35.86 -1.31 0.00	32.76 -1.39 0.00	33.48 -1.57 0.00	37.48 -1.97 2.42	47.65 -2.49 8.04	45.36 -1.90 4.35	49.68 -1.84 1.10	49.79 -2.35 6.14	48.22 -2.23 5.01	45.60 -1.54 0.00	49.33 -1.07 0.00
ROCKVIEW_13_KV_LD 356306	38.48 1.69 0.00	38.68 1.48 0.00	43.26 1.50 0.00	37.87 1.30 0.00	38.71 1.33 0.00	40.03 1.48 0.00	54.35 2.31 0.00	57.88 3.19 0.00	66.19 3.39 0.00	43.07 2.69 0.00	44.68 3.08 0.00	46.80 3.72 0.00	44.97 3.61 0.00	40.48 3.31 0.00	37.23 3.08 0.00	38.01 2.96 0.00	44.97 3.10 0.00	61.71 3.54 0.00	54.39 2.78 0.00	55.28 2.67 0.00	61.00 2.72 0.00	58.11 2.65 0.00	49.81 2.67 0.00	53.32 2.92 0.00
ROME____115KV_TB2 80656	38.12 1.34 0.00	38.60 1.40 0.00	43.40 1.64 0.00	38.02 1.45 0.00	38.90 1.52 0.00	40.27 1.72 0.00	54.68 2.64 0.00	57.47 2.77 0.00	65.39 2.59 0.00	41.51 1.13 0.00	42.51 0.91 0.00	43.97 0.90 0.00	42.17 0.82 0.00	37.79 0.62 0.00	34.68 0.53 0.00	35.56 0.52 0.00	42.86 0.99 0.00	60.39 2.21 0.00	53.81 2.21 0.00	54.84 2.22 0.00	61.24 2.35 -0.61	58.80 2.24 -1.10	49.06 1.92 0.00	52.41 2.01 0.00
ROSETON___1 23587	38.04 1.24 0.00	38.27 1.07 0.00	42.83 1.07 0.00	37.50 0.93 0.00	38.33 0.95 0.00	39.60 1.05 0.00	53.64 1.61 0.00	57.03 2.34 0.00	65.24 2.44 0.00	42.40 2.02 0.00	43.93 2.33 0.00	45.97 2.89 0.00	44.16 2.80 0.00	39.76 2.58 0.00	36.55 2.41 0.00	37.35 2.31 0.00	44.24 2.37 0.00	60.70 2.52 0.00	53.55 1.94 0.00	54.47 1.85 0.00	60.18 1.89 0.00	57.38 1.92 0.00	49.16 2.02 0.00	52.67 2.27 0.00
ROSETON___2 23588	38.04 1.24 0.00	38.27 1.07 0.00	42.83 1.07 0.00	37.50 0.93 0.00	38.33 0.95 0.00	39.60 1.05 0.00	53.64 1.61 0.00	57.03 2.34 0.00	65.24 2.44 0.00	42.40 2.02 0.00	43.93 2.33 0.00	45.97 2.89 0.00	44.16 2.80 0.00	39.76 2.58 0.00	36.55 2.41 0.00	37.35 2.31 0.00	44.24 2.37 0.00	60.70 2.52 0.00	53.55 1.94 0.00	54.47 1.85 0.00	60.18 1.89 0.00	57.38 1.92 0.00	49.16 2.02 0.00	52.67 2.27 0.00
ROTRDAM_115KV_TB3 80664	37.56 0.78 0.00	37.98 0.79 0.00	42.60 0.83 0.00	37.31 0.74 0.00	38.14 0.76 0.00	39.32 0.77 0.00	53.20 1.17 0.00	56.15 1.47 0.00	64.20 1.40 0.00	41.16 0.78 0.00	42.28 0.68 0.00	43.86 0.80 0.00	42.01 0.65 0.00	37.81 0.63 0.00	34.83 0.68 0.00	35.74 0.70 0.00	42.83 0.96 0.00	59.50 1.32 0.00	52.74 1.14 0.00	53.79 1.17 0.00	59.65 1.36 0.00	56.77 1.30 0.00	48.06 0.91 0.00	51.32 0.92 0.00
RUSSELL___1 23602	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
RUSSELL___2 23532	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
RUSSELL___3 23549	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
RUSSELL___4 23556	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
RUSSELL___STATION 23914	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
S SALMON___HYD 24043	36.71 -0.08 0.00	37.16 -0.04 0.00	41.78 0.01 0.00	36.54 -0.03 0.00	37.40 0.02 0.00	38.65 0.09 0.00	52.14 0.10 0.00	54.77 0.07 0.00	62.37 -0.43 0.00	39.74 -0.65 0.00	40.74 -0.87 0.00	42.10 -0.98 0.00	40.41 -0.95 0.00	36.23 -0.95 0.00	33.20 -0.94 0.00	34.02 -1.02 0.00	40.73 -1.14 0.00	57.39 -0.79 0.00	51.36 -0.25 0.00	52.47 -0.15 0.00	58.17 -0.11 0.00	55.34 -0.12 0.00	47.11 -0.03 0.00	50.37 -0.03 0.00
S.PERRY__115KV_TB1 80734	36.91 0.12 0.00	36.99 -0.20 0.00	41.73 -0.03 0.00	29.41 -0.14 7.02	37.46 0.08 0.00	39.01 0.46 0.00	47.66 0.22 4.59	55.35 0.66 0.00	63.43 0.63 0.00	40.16 -0.23 0.00	40.86 -0.75 0.00	41.67 -1.40 0.00	40.13 -1.23 0.00	35.66 -1.52 0.00	32.62 -1.69 -0.17	32.51 -2.53 0.00	33.01 -3.44 5.42	34.05 -3.76 20.36	37.93 -2.30 11.37	49.27 -2.25 1.10	43.23 -2.91 12.14	39.60 -2.79 13.07	46.22 -0.93 0.00	50.42 0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.98 -1.81 0.00	35.29 -1.90 0.00	40.03 -1.74 0.00	30.23 -1.60 4.74	35.83 -1.55 0.00	37.09 -1.47 0.00	45.41 -3.53 3.09	51.07 -3.62 0.00	58.89 -3.91 0.00	38.35 -2.03 0.00	39.60 -2.01 0.00	40.06 -3.01 0.00	38.73 -2.63 0.00	34.35 -2.82 0.00	31.27 -2.83 0.05	31.83 -3.21 0.00	33.28 -4.35 4.25	36.62 -6.19 15.37	39.10 -5.09 7.42	45.16 -5.04 2.42	40.14 -5.99 12.15	41.61 -5.39 8.47	43.40 -3.75 0.00	47.76 -2.64 0.00

SAWYER___23_KV_LOAD 55526	34.98	35.29	40.03	30.23	35.83	37.09	45.41	51.07	58.89	38.35	39.60	40.06	38.73	34.35	31.27	31.83	33.28	36.62	39.10	45.16	40.14	41.61	43.40	47.76
	-1.81	-1.90	-1.74	-1.60	-1.55	-1.47	-3.53	-3.62	-3.91	-2.03	-2.01	-3.01	-2.63	-2.82	-2.83	-3.21	-4.35	-6.19	-5.09	-5.04	-5.99	-5.39	-3.75	-2.64
	0.00	0.00	0.00	4.74	0.00	0.00	3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	4.25	15.37	7.42	2.42	12.15	8.47	0.00	0.00
SELKIRK___I 23801	37.27	37.72	42.30	37.10	37.87	38.98	52.68	55.62	63.51	40.77	41.96	43.56	41.71	37.61	34.68	35.59	42.64	59.08	52.28	53.28	59.20	56.33	47.67	50.91
	0.48	0.53	0.54	0.53	0.49	0.42	0.65	0.93	0.71	0.39	0.36	0.48	0.35	0.43	0.54	0.55	0.77	0.90	0.67	0.66	0.92	0.86	0.53	0.51
	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
SELKIRK___II 23799	37.08	37.51	42.04	36.87	37.63	38.75	52.39	55.37	63.29	40.73	41.97	43.59	41.72	37.64	34.71	35.60	42.52	58.82	52.02	53.04	58.92	56.07	47.45	50.66
	0.29	0.31	0.27	0.30	0.25	0.19	0.35	0.68	0.49	0.35	0.36	0.52	0.36	0.46	0.57	0.56	0.65	0.64	0.41	0.42	0.63	0.61	0.31	0.26
	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
SENECA OSWGO___HYD 24041	35.98	36.34	40.85	35.73	36.56	37.78	50.99	53.80	61.55	39.48	40.58	41.94	40.26	36.13	33.16	34.00	40.73	56.78	50.46	51.47	56.94	54.14	46.05	49.22
	-0.81	-0.85	-0.92	-0.84	-0.82	-0.77	-1.05	-0.89	-1.25	-0.90	-1.03	-1.14	-1.10	-1.05	-0.98	-1.04	-1.15	-1.40	-1.14	-1.15	-1.34	-1.33	-1.09	-1.18
	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
SENECA___115KV_TB3 355854	34.52	34.83	39.76	29.54	35.65	36.56	44.19	49.89	58.22	37.70	39.69	40.45	39.10	34.53	31.61	32.20	32.77	35.53	38.13	45.22	39.81	41.49	43.85	48.16
	-1.51	-1.63	-1.47	-1.41	-1.33	-1.17	-2.95	-2.93	-3.13	-1.63	-1.69	-2.62	-2.25	-2.50	-2.47	-2.84	-3.91	-5.51	-4.49	-4.40	-5.33	-4.87	-3.29	-2.24
	0.76	0.73	0.54	5.62	0.40	0.83	4.89	1.87	1.46	1.06	0.23	0.00	0.00	0.15	0.06	0.00	5.19	17.14	8.99	3.00	13.14	9.11	0.00	0.00
SENECA___ENERGY 23797	36.28	36.58	41.19	34.87	36.88	38.23	50.81	54.40	62.22	39.93	40.91	42.08	40.43	36.19	33.22	34.01	39.88	53.84	49.12	51.47	56.26	54.19	46.25	49.69
	-0.51	-0.61	-0.58	-0.61	-0.50	-0.33	-0.51	-0.29	-0.58	-0.46	-0.69	-1.00	-0.93	-0.98	-0.94	-1.03	-1.23	-1.42	-1.00	-0.91	-1.21	-1.24	-0.89	-0.72
	0.00	0.00	0.00	1.09	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.76	2.92	1.49	0.25	0.81	0.04	0.00	0.00
SHOEMAKER___GT 23640	38.12	38.36	42.98	37.63	38.47	39.76	53.88	57.25	65.44	42.34	43.74	45.71	43.90	39.55	36.34	37.15	44.12	60.70	53.65	54.61	60.36	57.51	49.22	52.74
	1.33	1.17	1.22	1.06	1.09	1.21	1.84	2.56	2.64	1.95	2.14	2.64	2.55	2.38	2.19	2.11	2.25	2.52	2.04	1.99	2.08	2.05	2.08	2.34
	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
SHOEMAKR_138KV_BK 111 55601	38.10	38.35	42.95	37.60	38.44	39.73	53.84	57.21	65.39	42.34	43.77	45.75	43.94	39.57	36.36	37.17	44.13	60.68	53.61	54.57	60.30	57.49	49.20	52.70
	1.31	1.15	1.19	1.03	1.06	1.18	1.80	2.52	2.59	1.96	2.17	2.68	2.59	2.40	2.21	2.13	2.26	2.50	2.01	1.95	2.01	2.02	2.06	2.30
	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
SHOREHAM_IC_1 23715	38.35	38.43	42.88	37.46	38.16	37.84	36.21	42.49	41.18	40.91	42.44	52.58	52.45	52.45	47.52	37.44	44.17	60.80	52.92	54.23	60.07	57.20	49.38	53.41
	1.56	1.23	1.12	0.89	0.78	0.28	1.03	1.61	1.99	1.77	2.50	3.46	3.33	3.04	2.77	2.40	2.30	2.63	1.31	1.61	1.78	1.73	2.24	3.08
	0.00	0.00	0.00	0.00	0.00	1.00	16.85	13.82	23.62	1.24	1.67	-6.04	-7.76	-12.23	-10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
SHOREHAM_IC_2 23716	38.36	38.44	42.88	37.46	38.16	37.85	36.23	42.51	41.20	40.92	42.43	52.58	52.45	52.45	47.52	37.45	44.16	60.80	52.91	54.24	60.07	57.20	49.38	53.41
	1.58	1.24	1.12	0.89	0.78	0.29	1.05	1.63	2.02	1.77	2.50	3.46	3.34	3.04	2.77	2.40	2.29	2.63	1.30	1.62	1.78	1.74	2.24	3.08
	0.00	0.00	0.00	0.00	0.00	1.00	16.85	13.82	23.62	1.24	1.67	-6.04	-7.76	-12.23	-10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
SISSONVILLE___ 23735	38.27	38.80	43.59	38.15	39.01	40.26	54.16	56.16	65.01	41.36	42.50	43.85	42.23	37.90	34.67	35.64	42.32	59.17	52.81	53.97	60.02	57.59	49.26	52.60
	1.49	1.61	1.83	1.58	1.63	1.70	2.13	1.47	2.21	0.97	0.89	0.78	0.87	0.72	0.53	0.60	0.44	0.99	1.20	1.35	1.74	2.12	2.12	2.20
	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
SITHE_IND_GS1 24169	35.54	35.91	40.35	35.32	36.12	37.30	50.32	53.02	60.72	39.00	40.14	41.50	39.85	35.78	32.85	33.68	40.29	56.05	46.43	49.93	54.75	53.42	45.45	48.59
	-1.25	-1.29	-1.42	-1.26	-1.26	-1.25	-1.72	-1.67	-2.08	-1.38	-1.47	-1.57	-1.51	-1.39	-1.30	-1.37	-1.59	-2.12	-1.83	-1.88	-2.12	-2.05	-1.69	-1.81
	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	3.35	0.81	1.42	0.00	0.00	0.00
SITHE_IND_GS2 24170	35.54	35.91	40.35	35.32	36.12	37.30	50.32	53.02	60.72	39.00	40.14	41.50	39.85	35.78	32.85	33.68	40.29	56.05	46.43	49.93	54.75	53.42	45.45	48.59
	-1.25	-1.29	-1.42	-1.26	-1.26	-1.25	-1.72	-1.67	-2.08	-1.38	-1.47	-1.57	-1.51	-1.39	-1.30	-1.37	-1.59	-2.12	-1.83	-1.88	-2.12	-2.05	-1.69	-1.81
	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	3.35	0.81	1.42	0.00	0.00	0.00
SITHE_IND_GS3 24171	35.54	35.91	40.35	35.32	36.12	37.30	50.32	53.02	60.72	39.00	40.14	41.50	39.85	35.78	32.85	33.68	40.29	56.05	46.43	49.93	54.75	53.42	45.45	48.59
	-1.25	-1.29	-1.42	-1.26	-1.26	-1.25	-1.72	-1.67	-2.08	-1.38	-1.47	-1.57	-1.51	-1.39	-1.30	-1.37	-1.59	-2.12	-1.83	-1.88	-2.12	-2.05	-1.69	-1.81
	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	3.35	0.81	1.42	0.00	0.00	0.00
SITHE_IND_GS4 24172	35.54	35.91	40.35	35.32	36.12	37.30	50.32	53.02	60.72	39.00	40.14	41.50	39.85	35.78	32.85	33.68	40.29	56.05	46.43	49.93	54.75	53.42	45.45	48.59
	-1.25	-1.29	-1.42	-1.26	-1.26	-1.25	-1.72	-1.67	-2.08	-1.38	-1.47	-1.57	-1.51	-1.39	-1.30	-1.37	-1.59	-2.12	-1.83	-1.88	-2.12	-2.05	-1.69	-1.81
	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	3.35	0.81	1.42	0.00	0.00	0.00

SITHE___BATAVIA 24024	35.77 -0.55 0.46	36.13 -0.62 0.44	41.05 -0.39 0.33	32.08 -0.37 4.12	36.87 -0.27 0.24	37.89 -0.16 0.50	47.29 -1.31 3.43	52.34 -1.23 1.13	60.64 -1.28 0.88	38.89 -0.86 0.64	40.23 -1.24 0.14	40.86 -2.21 0.00	39.48 -1.88 0.00	34.98 -2.10 0.09	31.96 -2.15 0.03	32.56 -2.48 0.00	34.94 -3.15 3.78	41.91 -3.85 12.42	42.27 -2.75 6.59	48.00 -2.56 2.06	45.49 -3.33 9.46	45.48 -3.12 6.86	45.14 -2.00 0.00	49.41 -0.99 0.00
SITHE___INDEPEND 23800	35.54 -1.25 0.00	35.91 -1.29 0.00	40.35 -1.42 0.00	35.31 -1.26 0.00	36.12 -1.26 0.00	37.30 -1.25 0.00	50.31 -1.72 0.00	53.02 -1.67 0.00	60.71 -2.09 0.00	39.00 -1.38 0.00	40.14 -1.47 0.00	41.50 -1.57 0.00	39.84 -1.51 0.00	35.78 -1.39 0.00	32.85 -1.30 0.00	33.67 -1.37 0.00	40.28 -1.59 0.00	56.05 -2.13 0.00	46.43 -1.83 3.35	49.93 -1.88 0.81	54.75 -2.12 1.42	53.42 -2.05 0.00	45.45 -1.69 0.00	48.59 -1.81 0.00
SITHE___MASSENA 23902	37.69 0.90 0.00	38.16 0.97 0.00	42.86 1.09 0.00	37.54 0.97 0.00	38.36 0.98 0.00	39.56 1.00 0.00	53.23 1.20 0.00	55.27 0.57 0.00	64.17 1.37 0.00	41.21 0.82 0.00	42.45 0.84 0.00	43.80 0.73 0.00	42.18 0.82 0.00	37.88 0.71 0.00	34.70 0.56 0.00	35.70 0.66 0.00	42.59 0.71 0.00	59.39 1.21 0.00	52.85 1.25 0.00	53.94 1.32 0.00	59.72 1.44 0.00	56.87 1.41 0.00	48.41 1.27 0.00	51.72 1.32 0.00
SITHE___OGDNSBRG 24021	38.58 1.79 0.00	39.11 1.91 0.00	43.94 2.18 0.00	38.46 1.89 0.00	39.33 1.95 0.00	40.64 2.08 0.00	54.75 2.72 0.00	56.76 2.07 0.00	65.77 2.97 0.00	41.64 1.25 0.00	42.70 1.10 0.00	44.04 0.97 0.00	42.44 1.09 0.00	38.12 0.95 0.00	34.89 0.74 0.00	35.88 0.84 0.00	42.73 0.86 0.00	60.15 1.97 0.00	53.97 2.37 0.00	55.16 2.54 0.00	61.11 2.83 0.00	58.30 2.83 0.00	49.71 2.56 0.00	53.04 2.64 0.00
SITHE___STERLING 23777	37.74 0.94 0.00	38.19 0.99 0.00	42.93 1.16 0.00	37.61 1.04 0.00	38.49 1.11 0.00	39.82 1.26 0.00	54.05 2.01 0.00	56.97 2.28 0.00	64.87 2.07 0.00	41.29 0.91 0.00	42.28 0.67 0.00	43.71 0.64 0.00	41.95 0.59 0.00	37.63 0.46 0.00	34.54 0.39 0.00	35.41 0.37 0.00	43.13 0.74 -0.52	59.81 1.63 0.00	53.28 1.68 0.00	54.27 1.65 0.00	61.09 1.73 -1.09	58.90 1.62 -1.82	48.52 1.38 0.00	51.86 1.45 0.00
SLEIGHT__34_KV_TB1 80719	36.01 -0.78 0.00	36.35 -0.84 0.00	40.95 -0.82 0.00	34.27 -0.79 1.50	36.64 -0.74 0.00	37.97 -0.59 0.00	50.04 -1.01 0.98	53.90 -0.80 0.00	61.76 -1.04 0.00	39.57 -0.81 0.00	40.61 -1.00 0.00	41.65 -1.42 0.00	40.09 -1.26 0.00	35.87 -1.31 0.00	32.77 -1.37 0.00	33.58 -1.46 0.00	38.94 -1.68 1.25	52.04 -1.93 4.20	47.92 -1.44 2.24	50.65 -1.41 0.56	53.40 -1.82 3.06	51.26 -1.78 2.42	45.82 -1.32 0.00	49.28 -1.12 0.00
SMITHTWN_69_KV_BK 1 55830	38.34 1.55 0.00	38.47 1.28 0.00	42.91 1.15 0.00	37.49 0.92 0.00	38.25 0.87 0.00	38.06 0.49 0.99	36.46 1.12 16.71	42.90 1.90 13.69	41.52 2.12 23.41	41.08 1.92 1.23	42.79 2.76 1.59	52.82 3.63 -6.11	52.71 3.51 -7.84	52.74 3.21 -12.35	47.76 2.92 -10.70	37.52 2.47 0.00	44.24 2.37 0.00	60.94 2.76 0.00	53.44 1.84 0.00	54.55 1.92 0.00	60.29 2.01 0.00	57.36 1.89 0.00	49.47 2.33 0.00	53.49 3.16 0.06
SOUTH CAIRO___GT 23612	38.05 1.26 0.00	38.48 1.28 0.00	43.13 1.37 0.00	37.88 1.30 0.00	38.67 1.29 0.00	39.90 1.34 0.00	54.15 2.11 0.00	57.36 2.68 0.00	65.38 2.58 0.00	41.52 1.13 0.00	42.25 0.64 0.00	43.62 0.54 0.00	41.71 0.36 0.00	37.59 0.42 0.00	34.76 0.62 0.00	35.70 0.65 0.00	43.09 1.21 0.00	60.38 2.20 0.00	53.88 2.27 0.00	54.95 2.33 0.00	60.97 2.68 0.00	57.84 2.37 0.00	48.70 1.56 0.00	51.84 1.44 0.00
SOUTH HAMPTN___IC 23720	38.61 1.83 0.00	38.54 1.34 0.00	43.05 1.29 0.00	37.52 0.95 0.00	38.10 0.72 0.00	37.79 0.23 1.00	36.08 0.93 16.89	42.46 1.62 13.85	41.06 1.93 23.67	40.80 1.66 1.24	42.38 2.48 1.70	52.48 3.38 -6.03	52.35 3.26 -7.74	52.31 2.93 -12.20	47.37 2.65 -10.58	37.35 2.31 0.00	44.10 2.22 0.00	60.77 2.60 0.00	53.02 1.41 0.00	54.23 1.61 0.00	59.97 1.69 0.00	57.05 1.58 0.00	49.20 2.06 0.00	53.20 2.87 0.07
SOUTHDOW_115KV_TB1 355954	35.51 -1.28 0.00	35.73 -1.47 0.00	40.55 -1.22 0.00	29.93 -1.22 5.42	36.47 -0.91 0.00	38.06 -0.50 0.00	46.79 -1.71 3.54	53.58 -1.11 0.00	61.50 -1.30 0.00	40.02 -0.37 0.00	41.33 -0.28 0.00	42.15 -0.92 0.00	40.61 -0.75 0.00	35.97 -1.20 0.00	32.94 -1.16 0.05	33.61 -1.44 0.00	34.71 -2.40 4.76	37.46 -3.57 17.14	40.32 -2.85 8.44	46.75 -3.21 2.66	40.91 -3.88 13.49	42.35 -3.51 9.60	44.96 -2.19 0.00	49.32 -1.08 0.00
SOUTHOLD_69_KV_BK 2 55809	38.69 1.91 0.00	38.46 1.27 0.00	42.99 1.22 0.00	37.34 0.77 0.00	37.77 0.39 0.00	37.41 -0.14 1.00	35.59 0.45 16.89	42.03 1.19 13.85	40.63 1.50 23.67	40.43 1.28 1.24	42.00 2.09 1.70	52.06 2.96 -6.03	51.94 2.85 -7.74	51.92 2.54 -12.21	46.98 2.26 -10.58	36.98 1.94 0.00	43.69 1.82 0.00	60.27 2.09 0.00	52.60 1.00 0.00	53.78 1.16 0.00	59.44 1.15 0.00	56.51 1.05 0.00	48.66 1.52 0.00	52.63 2.30 0.07
SOUTHOLD___IC 23719	38.68 1.90 0.00	38.45 1.26 0.00	42.99 1.22 0.00	37.35 0.78 0.00	37.77 0.39 0.00	37.41 -0.14 1.00	35.58 0.43 16.89	42.01 1.17 13.85	40.58 1.45 23.67	40.42 1.28 1.24	41.99 2.09 1.70	52.06 2.96 -6.03	51.94 2.85 -7.74	51.91 2.54 -12.21	46.98 2.26 -10.58	36.97 1.93 0.00	43.69 1.82 0.00	60.27 2.10 0.00	52.61 1.00 0.00	53.78 1.17 0.00	59.44 1.16 0.00	56.51 1.05 0.00	48.66 1.52 0.00	52.63 2.30 0.07
SOUTH_FORK_WT_PWR 323839	38.53 1.74 0.00	38.14 0.95 0.00	42.68 0.91 0.00	36.98 0.41 0.00	37.24 -0.14 0.00	36.81 -0.75 1.00	34.74 -0.41 16.89	41.17 0.33 13.85	39.64 0.52 23.67	39.75 0.60 1.24	41.28 1.38 1.70	51.33 2.23 -6.03	51.24 2.15 -7.74	51.28 1.90 -12.20	46.40 1.68 -10.58	36.39 1.35 0.00	43.01 1.14 0.00	59.35 1.17 0.00	51.78 0.17 0.00	52.91 0.29 0.00	58.50 0.22 0.00	55.61 0.14 0.00	47.86 0.72 0.00	51.78 1.45 0.07
SPIERFLS_115KV_TB 1 80737	37.96 1.17 0.00	38.43 1.23 0.00	42.98 1.22 0.00	37.69 1.12 0.00	38.64 1.26 0.00	39.90 1.35 0.00	54.32 2.29 0.00	57.09 2.40 0.00	64.62 1.82 0.00	41.07 0.69 0.00	42.09 0.49 0.00	43.65 0.58 0.00	41.59 0.23 0.00	37.47 0.29 0.00	34.71 0.57 0.00	35.74 0.70 0.00	43.22 1.35 0.00	60.37 2.20 0.00	53.54 1.93 0.00	54.65 2.03 0.00	60.49 2.21 0.00	57.43 1.96 0.00	48.26 1.11 0.00	51.44 1.04 0.00
ST LAWRENCE____ 23600	37.06 0.27 0.00	37.52 0.32 0.00	42.13 0.36 0.00	36.90 0.33 0.00	37.70 0.32 0.00	38.87 0.32 0.00	52.30 0.27 0.00	54.54 -0.16 0.00	63.12 0.32 0.00	40.61 0.22 0.00	41.83 0.23 0.00	43.19 0.11 0.00	41.58 0.23 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.23 0.18 0.00	42.03 0.16 0.00	58.55 0.38 0.00	52.04 0.43 0.00	53.09 0.47 0.00	58.76 0.48 0.00	55.93 0.47 0.00	47.59 0.45 0.00	50.83 0.43 0.00

STATE_CA_115KV_115_LB 55624	37.09 0.31 0.00	37.52 0.33 0.00	42.01 0.24 0.00	36.88 0.31 0.00	37.62 0.24 0.00	38.74 0.19 0.00	52.40 0.37 0.00	55.40 0.71 0.00	63.30 0.50 0.00	40.70 0.32 0.00	41.94 0.34 0.00	43.54 0.46 0.00	41.60 0.25 0.00	37.59 0.42 0.00	34.73 0.58 0.00	35.63 0.59 0.00	42.64 0.77 0.00	59.00 0.82 0.00	52.15 0.54 0.00	53.22 0.60 0.00	59.10 0.81 0.00	56.21 0.75 0.00	47.42 0.28 0.00	50.55 0.15 0.00
STATE_ST_34_KV_LOAD 55959	36.63 -0.16 0.00	37.07 -0.13 0.00	41.70 -0.07 0.00	37.50 -0.24 -1.16	37.22 -0.16 0.00	38.52 -0.04 0.00	52.75 -0.04 -0.76	54.91 0.22 0.00	62.75 -0.05 0.00	40.17 -0.21 0.00	41.30 -0.30 0.00	42.60 -0.47 0.00	40.95 -0.41 0.00	36.74 -0.43 0.00	33.56 -0.59 -0.01	34.53 -0.52 0.00	42.86 -0.47 -1.46	62.01 -0.34 -4.17	53.95 -0.08 -2.42	53.23 -0.07 -0.69	62.09 -0.21 -4.01	58.70 -0.25 -3.49	46.89 -0.25 0.00	50.34 -0.06 0.00
STATION_5_MISC_HYD 23604	35.86 -0.68 0.25	36.19 -0.77 0.24	40.91 -0.68 0.18	33.00 -0.65 2.92	36.67 -0.58 0.13	37.83 -0.45 0.27	48.58 -1.15 2.31	53.12 -0.96 0.61	61.25 -1.09 0.47	39.33 -0.72 0.34	40.71 -0.83 0.07	41.70 -1.37 0.00	40.18 -1.18 0.00	35.82 -1.31 0.05	32.76 -1.38 0.00	33.48 -1.56 0.00	37.29 -1.97 2.62	47.40 -2.48 8.29	45.04 -1.90 4.67	49.57 -1.84 1.21	49.80 -2.34 6.14	48.24 -2.22 5.01	45.60 -1.54 0.00	49.33 -1.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.16 -0.63 0.00	36.47 -0.73 0.00	41.10 -0.67 0.00	33.25 -0.66 2.66	36.81 -0.57 0.00	38.17 -0.38 0.00	49.49 -0.81 1.74	54.11 -0.58 0.00	61.98 -0.82 0.00	39.77 -0.61 0.00	40.82 -0.79 0.00	41.85 -1.22 0.00	40.27 -1.09 0.00	36.00 -1.18 0.00	32.96 -1.18 0.00	33.73 -1.31 0.00	37.92 -1.56 2.39	48.44 -1.84 7.89	46.02 -1.35 4.25	50.27 -1.28 1.07	50.60 -1.68 6.00	48.93 -1.66 4.88	45.98 -1.16 0.00	49.48 -0.91 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.88 -0.91 0.00	36.21 -0.99 0.00	40.82 -0.94 0.00	33.03 -0.87 2.67	36.57 -0.81 0.00	37.87 -0.69 0.00	48.84 -1.45 1.75	53.42 -1.28 0.00	61.33 -1.47 0.00	39.43 -0.96 0.00	40.55 -1.06 0.00	41.47 -1.60 0.00	39.95 -1.41 0.00	35.68 -1.49 0.00	32.59 -1.55 0.00	33.32 -1.72 0.00	37.37 -2.14 2.36	47.62 -2.73 7.83	45.24 -2.13 4.23	49.46 -2.09 1.07	49.69 -2.62 5.98	48.12 -2.48 4.87	45.36 -1.78 0.00	49.02 -1.38 0.00
STA_56___34_KV_BUS2 355983	35.88 -0.91 0.00	36.21 -0.99 0.00	40.82 -0.94 0.00	33.03 -0.87 2.67	36.57 -0.81 0.00	37.87 -0.69 0.00	48.84 -1.45 1.75	53.42 -1.28 0.00	61.33 -1.47 0.00	39.43 -0.96 0.00	40.55 -1.06 0.00	41.47 -1.60 0.00	39.95 -1.41 0.00	35.68 -1.49 0.00	32.59 -1.55 0.00	33.32 -1.72 0.00	37.37 -2.14 2.36	47.62 -2.73 7.83	45.24 -2.13 4.23	49.46 -2.09 1.07	49.69 -2.62 5.98	48.12 -2.48 4.87	45.36 -1.78 0.00	49.02 -1.38 0.00
STA_67___115KV_BK2 355882	36.03 -0.76 0.00	36.35 -0.85 0.00	41.00 -0.76 0.00	33.11 -0.72 2.74	36.72 -0.66 0.00	38.03 -0.53 0.00	48.96 -1.28 1.79	53.58 -1.11 0.00	61.53 -1.27 0.00	39.57 -0.81 0.00	40.70 -0.91 0.00	41.60 -1.47 0.00	40.09 -1.26 0.00	35.79 -1.38 0.00	32.69 -1.46 0.00	33.40 -1.64 0.00	37.39 -2.06 2.42	47.53 -2.63 8.01	45.24 -2.03 4.34	49.56 -1.97 1.09	49.66 -2.51 6.12	48.11 -2.36 4.99	45.50 -1.64 0.00	49.22 -1.18 0.00
STA_7___115KV_9TRANS 80674	36.24 -0.55 0.00	36.56 -0.63 0.00	41.24 -0.53 0.00	33.31 -0.52 2.75	36.93 -0.45 0.00	38.26 -0.29 0.00	49.31 -0.93 1.80	54.01 -0.68 0.00	62.02 -0.78 0.00	39.85 -0.54 0.00	40.98 -0.63 0.00	41.86 -1.21 0.00	40.35 -1.01 0.00	36.02 -1.15 0.00	32.89 -1.25 0.00	33.63 -1.41 0.00	37.68 -1.77 2.42	47.97 -2.17 8.04	45.65 -1.61 4.35	49.97 -1.55 1.10	50.10 -2.05 6.14	48.51 -1.94 5.01	45.83 -1.31 0.00	49.55 -0.85 0.00
STA_82___115KV_TB1 80780	36.03 -0.76 0.00	36.35 -0.84 0.00	41.02 -0.75 0.00	33.08 -0.70 2.79	36.74 -0.64 0.00	38.04 -0.52 0.00	48.95 -1.27 1.82	53.61 -1.09 0.00	61.57 -1.23 0.00	39.58 -0.80 0.00	40.70 -0.90 0.00	41.60 -1.47 0.00	40.09 -1.26 0.00	35.78 -1.39 0.00	32.68 -1.47 0.00	33.40 -1.64 0.00	37.33 -2.08 2.46	47.36 -2.64 8.18	45.17 -2.03 4.41	49.54 -1.97 1.11	49.54 -2.50 6.24	48.03 -2.36 5.08	45.51 -1.63 0.00	49.24 -1.16 0.00
STEEL___WIND 323596	34.46 -1.57 0.76	34.77 -1.69 0.73	39.71 -1.52 0.54	29.49 -1.47 5.62	35.59 -1.39 0.40	36.51 -1.21 0.83	44.11 -3.03 4.89	49.82 -3.00 1.87	58.15 -3.19 1.46	37.65 -1.69 1.06	39.64 -1.74 0.23	40.37 -2.71 0.00	39.03 -2.33 0.00	34.46 -2.57 0.15	31.55 -2.54 0.06	32.14 -2.90 0.00	32.71 -3.98 5.19	35.44 -5.60 17.14	38.05 -4.58 8.99	45.17 -4.45 3.00	39.74 -5.40 13.14	41.43 -4.93 9.11	43.81 -3.34 0.00	48.09 -2.30 0.00
STEPHTWN_115KV_BK_2 55603	37.29 0.50 0.00	37.69 0.49 0.00	42.16 0.39 0.00	37.05 0.48 0.00	37.79 0.41 0.00	39.05 0.50 0.00	52.86 0.83 0.00	55.79 1.10 0.00	63.72 0.92 0.00	40.90 0.52 0.00	42.23 0.62 0.00	43.73 0.66 0.00	41.82 0.46 0.00	37.76 0.58 0.00	34.87 0.72 0.00	35.82 0.77 0.00	42.95 1.08 0.00	59.43 1.25 0.00	52.64 1.03 0.00	53.58 0.96 0.00	59.55 1.27 0.00	56.43 0.97 0.00	47.65 0.51 0.00	50.91 0.52 0.00
STEUBEN_REC_LFGE 323667	35.71 -1.08 0.00	35.56 -1.64 0.00	40.18 -1.58 0.00	20.20 -1.57 14.80	36.14 -1.24 0.00	37.90 -0.65 0.00	40.91 -1.46 9.67	53.68 -1.02 0.00	61.42 -1.38 0.00	39.40 -0.98 0.00	40.20 -1.41 0.00	40.93 -2.14 0.00	39.25 -2.11 0.00	34.87 -2.30 0.00	32.27 -2.01 -0.13	32.66 -2.38 0.00	25.68 -3.05 13.15	9.36 -3.50 45.32	24.01 -2.58 25.01	44.93 -2.76 4.93	22.06 -3.65 32.57	22.94 -3.58 28.95	44.87 -2.27 0.00	48.62 -1.78 0.00
STILLWATER___SOLAR 323814	38.06 1.27 0.00	38.50 1.30 0.00	43.10 1.33 0.00	37.77 1.19 0.00	38.63 1.25 0.00	39.88 1.32 0.00	54.05 2.02 0.00	56.97 2.28 0.00	64.82 2.02 0.00	41.37 0.99 0.00	42.43 0.83 0.00	43.99 0.92 0.00	42.00 0.64 0.00	37.84 0.67 0.00	34.99 0.84 0.00	35.97 0.93 0.00	43.37 1.50 0.00	60.44 2.26 0.00	53.52 1.91 0.00	54.59 1.97 0.00	60.61 2.32 0.00	57.62 2.16 0.00	48.50 1.36 0.00	51.69 1.29 0.00
STONY___BROOK 24151	38.26 1.48 0.00	38.39 1.19 0.00	42.83 1.07 0.00	37.43 0.86 0.00	38.18 0.80 0.00	37.97 0.41 0.99	36.30 1.03 16.76	42.74 1.79 13.74	41.31 2.00 23.49	41.00 1.85 1.23	42.66 2.68 1.62	52.69 3.53 -6.08	52.57 3.40 -7.81	52.60 3.12 -12.31	47.65 2.84 -10.66	37.46 2.42 0.00	44.17 2.30 0.00	60.85 2.67 0.00	53.31 1.70 0.00	54.41 1.79 0.00	60.16 1.87 0.00	57.23 1.77 0.00	49.38 2.24 0.00	53.40 3.07 0.06
STURGEON_POOL_HYD 23609	38.10 1.31 0.00	38.38 1.18 0.00	43.01 1.25 0.00	37.66 1.09 0.00	38.49 1.11 0.00	39.72 1.17 0.00	53.85 1.81 0.00	57.22 2.53 0.00	65.46 2.66 0.00	42.38 1.99 0.00	43.77 2.16 0.00	45.66 2.59 0.00	43.85 2.49 0.00	39.43 2.26 0.00	36.29 2.15 0.00	37.10 2.05 0.00	44.09 2.21 0.00	60.68 2.50 0.00	53.62 2.01 0.00	54.59 1.97 0.00	60.37 2.09 0.00	57.57 2.11 0.00	49.16 2.01 0.00	52.60 2.21 0.00

ST_LAW_115_BK7_LBMP 345037	37.11 0.32 0.00	37.57 0.37 0.00	42.19 0.42 0.00	36.96 0.38 0.00	37.75 0.37 0.00	38.93 0.37 0.00	52.38 0.34 0.00	54.57 -0.12 0.00	63.20 0.40 0.00	40.65 0.27 0.00	41.88 0.27 0.00	43.23 0.15 0.00	41.63 0.27 0.00	37.40 0.23 0.00	34.26 0.11 0.00	35.26 0.22 0.00	42.07 0.20 0.00	58.62 0.45 0.00	52.10 0.49 0.00	53.16 0.54 0.00	58.86 0.58 0.00	56.01 0.55 0.00	47.66 0.52 0.00	50.91 0.51 0.00
ST_LAW_115_BK8_LBMP 345038	37.11 0.32 0.00	37.57 0.37 0.00	42.19 0.42 0.00	36.96 0.38 0.00	37.75 0.37 0.00	38.93 0.37 0.00	52.38 0.34 0.00	54.57 -0.12 0.00	63.20 0.40 0.00	40.65 0.27 0.00	41.88 0.27 0.00	43.23 0.15 0.00	41.63 0.27 0.00	37.40 0.23 0.00	34.26 0.11 0.00	35.26 0.22 0.00	42.07 0.20 0.00	58.62 0.45 0.00	52.10 0.49 0.00	53.16 0.54 0.00	58.86 0.58 0.00	56.01 0.55 0.00	47.66 0.52 0.00	50.91 0.51 0.00
ST_LAW_230_BK5_LBMP 345035	37.06 0.27 0.00	37.52 0.32 0.00	42.13 0.36 0.00	36.90 0.33 0.00	37.70 0.32 0.00	38.87 0.32 0.00	52.30 0.27 0.00	54.54 -0.16 0.00	63.12 0.32 0.00	40.61 0.22 0.00	41.83 0.23 0.00	43.19 0.11 0.00	41.58 0.23 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.23 0.18 0.00	42.03 0.16 0.00	58.55 0.38 0.00	52.04 0.43 0.00	53.09 0.47 0.00	58.76 0.48 0.00	55.93 0.47 0.00	47.59 0.45 0.00	50.83 0.43 0.00
ST_LAW_230_BK6_LBMP 345036	37.06 0.27 0.00	37.52 0.32 0.00	42.13 0.36 0.00	36.90 0.33 0.00	37.70 0.32 0.00	38.87 0.32 0.00	52.30 0.27 0.00	54.54 -0.16 0.00	63.12 0.32 0.00	40.61 0.22 0.00	41.83 0.23 0.00	43.19 0.11 0.00	41.58 0.23 0.00	37.36 0.19 0.00	34.23 0.09 0.00	35.23 0.18 0.00	42.03 0.16 0.00	58.55 0.38 0.00	52.04 0.43 0.00	53.09 0.47 0.00	58.76 0.48 0.00	55.93 0.47 0.00	47.59 0.45 0.00	50.83 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.17 1.39 0.00	38.40 1.21 0.00	42.99 1.23 0.00	37.64 1.07 0.00	38.48 1.10 0.00	39.78 1.23 0.00	53.92 1.88 0.00	57.35 2.66 0.00	65.56 2.76 0.00	42.52 2.14 0.00	44.01 2.40 0.00	46.08 3.01 0.00	44.28 2.92 0.00	39.86 2.69 0.00	36.63 2.49 0.00	37.44 2.40 0.00	44.36 2.49 0.00	60.87 2.70 0.00	53.75 2.14 0.00	54.70 2.08 0.00	60.39 2.11 0.00	57.60 2.13 0.00	49.34 2.20 0.00	52.87 2.47 0.00
SWANROAD_115KV_TB1 355699	34.65 -2.14 0.00	34.99 -2.20 0.00	39.72 -2.05 0.00	30.34 -1.76 4.48	35.63 -1.75 0.00	36.64 -1.92 0.00	44.77 -4.34 2.92	49.97 -4.72 0.00	57.69 -5.11 0.00	37.60 -2.78 0.00	38.88 -2.72 0.00	39.25 -3.82 0.00	37.95 -3.41 0.00	33.66 -3.52 0.00	30.71 -3.39 0.05	31.25 -3.79 0.00	32.79 -5.05 4.03	36.44 -7.32 14.42	38.56 -6.02 7.02	44.31 -6.03 2.28	39.85 -6.99 11.44	41.32 -6.13 8.02	42.52 -4.62 0.00	47.09 -3.31 0.00
SYNERGY___BIOGAS 323694	36.22 -0.57 0.00	36.54 -0.65 0.00	41.37 -0.40 0.00	32.38 -0.37 3.81	37.10 -0.28 0.00	38.38 -0.17 0.00	48.20 -1.34 2.49	53.46 -1.23 0.00	61.48 -1.32 0.00	39.52 -0.87 0.00	40.38 -1.22 0.00	40.86 -2.21 0.00	39.47 -1.89 0.00	35.06 -2.11 0.00	31.95 -2.16 0.03	32.56 -2.48 0.00	35.30 -3.15 3.42	42.36 -3.86 11.96	42.93 -2.68 6.00	48.20 -2.57 1.85	45.56 -3.27 9.46	45.68 -2.93 6.86	45.14 -2.01 0.00	49.42 -0.98 0.00
SYRACUSE___ENERGY_ST1 323597	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
SYRACUSE___ENERGY_ST2 323598	36.41 -0.38 0.00	36.78 -0.41 0.00	41.34 -0.42 0.00	36.14 -0.43 0.00	37.00 -0.38 0.00	38.26 -0.29 0.00	51.67 -0.37 0.00	54.51 -0.18 0.00	62.34 -0.46 0.00	39.97 -0.41 0.00	41.08 -0.52 0.00	42.46 -0.61 0.00	40.79 -0.57 0.00	36.61 -0.57 0.00	33.56 -0.58 0.00	34.44 -0.60 0.00	41.27 -0.60 0.00	57.53 -0.65 0.00	51.12 -0.49 0.00	52.12 -0.50 0.00	57.65 -0.63 0.00	54.81 -0.66 0.00	46.62 -0.52 0.00	49.87 -0.53 0.00
SYRACUSE___POWER 24017	36.37 -0.41 0.00	36.72 -0.48 0.00	41.27 -0.50 0.00	37.38 -0.43 -1.24	37.00 -0.38 0.00	38.25 -0.30 0.00	52.49 -0.36 -0.81	54.56 -0.14 0.00	62.37 -0.43 0.00	40.00 -0.38 0.00	41.09 -0.52 0.00	42.46 -0.61 0.00	40.78 -0.58 0.00	36.60 -0.57 0.00	33.59 -0.56 0.00	34.44 -0.60 0.00	42.42 -0.57 -1.12	60.62 -0.62 -3.07	52.97 -0.45 -1.81	52.62 -0.45 -0.46	60.47 -0.59 -2.78	57.34 -0.60 -2.48	46.67 -0.48 0.00	49.96 -0.44 0.00
TALLMAN_138KV_BK151 55660	38.24 1.45 0.00	38.43 1.24 0.00	43.01 1.25 0.00	37.64 1.07 0.00	38.49 1.11 0.00	39.81 1.26 0.00	54.01 1.97 0.00	57.47 2.78 0.00	65.70 2.90 0.00	42.66 2.28 0.00	44.22 2.62 0.00	46.38 3.31 0.00	44.59 3.23 0.00	40.12 2.95 0.00	36.86 2.72 0.00	37.66 2.62 0.00	44.55 2.67 0.00	61.04 2.87 0.00	53.86 2.25 0.00	54.79 2.17 0.00	60.46 2.18 0.00	57.67 2.21 0.00	49.47 2.34 0.00	53.04 2.64 0.00
TEALLAVE_115KV_TB7 355573	36.19 -0.60 0.00	36.55 -0.65 0.00	41.08 -0.69 0.00	35.94 -0.63 0.00	36.78 -0.60 0.00	38.02 -0.53 0.00	51.34 -0.69 0.00	54.18 -0.52 0.00	61.98 -0.82 0.00	39.77 -0.61 0.00	40.90 -0.71 0.00	42.28 -0.79 0.00	40.59 -0.76 0.00	36.44 -0.74 0.00	33.44 -0.70 0.00	34.29 -0.75 0.00	41.05 -0.82 0.00	57.18 -1.00 0.00	50.78 -0.83 0.00	51.77 -0.85 0.00	57.27 -1.01 0.00	54.45 -1.01 0.00	46.32 -0.82 0.00	49.57 -0.83 0.00
TELGRAPH_34_KV_EAST 80808	35.45 -1.34 0.00	35.78 -1.42 0.00	40.54 -1.22 0.00	31.38 -1.07 4.12	36.35 -1.03 0.00	37.52 -1.03 0.00	46.51 -2.84 2.69	51.76 -2.93 0.00	59.63 -3.17 0.00	38.62 -1.76 0.00	39.75 -1.86 0.00	40.18 -2.90 0.00	38.82 -2.53 0.00	34.47 -2.70 0.00	31.42 -2.69 0.04	32.01 -3.03 0.00	34.19 -3.98 3.71	39.59 -5.50 13.09	40.83 -4.31 6.47	46.29 -4.27 2.06	42.79 -5.10 10.39	43.56 -4.51 7.40	43.89 -3.25 0.00	48.30 -2.10 0.00
TEMPLE___115KV_TB 2 55572	36.20 -0.59 0.00	36.56 -0.64 0.00	41.09 -0.67 0.00	35.95 -0.62 0.00	36.79 -0.59 0.00	38.03 -0.53 0.00	51.37 -0.67 0.00	54.20 -0.49 0.00	62.01 -0.79 0.00	39.80 -0.58 0.00	40.92 -0.69 0.00	42.29 -0.78 0.00	40.62 -0.74 0.00	36.46 -0.72 0.00	33.47 -0.68 0.00	34.31 -0.73 0.00	41.08 -0.79 0.00	57.20 -0.97 0.00	50.80 -0.81 0.00	51.79 -0.83 0.00	57.28 -1.00 0.00	54.48 -0.99 0.00	46.35 -0.79 0.00	49.58 -0.82 0.00
TIANA____69_KV_BK 1 55817	38.58 1.79 0.00	38.56 1.36 0.00	43.05 1.28 0.00	37.55 0.98 0.00	38.19 0.81 0.00	37.90 0.34 1.00	36.24 1.09 16.89	42.60 1.75 13.85	41.24 2.11 23.67	40.92 1.78 1.24	42.49 2.58 1.70	52.59 3.49 -6.03	52.46 3.37 -7.74	52.43 3.05 -12.21	47.48 2.76 -10.58	37.45 2.41 0.00	44.21 2.34 0.00	60.92 2.74 0.00	53.14 1.53 0.00	54.38 1.75 0.00	60.14 1.86 0.00	57.22 1.76 0.00	49.34 2.20 0.00	53.36 3.03 0.07

TILDEN___115KV_TB1 80814	36.37 -0.41 0.00	36.72 -0.48 0.00	41.27 -0.50 0.00	37.38 -0.43 -1.24	37.00 -0.38 0.00	38.25 -0.30 0.00	52.49 -0.36 -0.81	54.56 -0.14 0.00	62.37 -0.43 0.00	40.00 -0.38 0.00	41.09 -0.52 0.00	42.46 -0.61 0.00	40.78 -0.58 0.00	36.60 -0.57 0.00	33.59 -0.56 0.00	34.44 -0.60 0.00	42.42 -0.57 -1.12	60.62 -0.62 -3.07	52.97 -0.45 -1.81	52.62 -0.45 -0.46	60.47 -0.59 -2.78	57.34 -0.60 -2.48	46.67 -0.48 0.00	49.96 -0.44 0.00
TRIGEN___CC 323695	38.40 1.60 -0.02	38.55 1.35 0.00	43.06 1.30 0.00	37.64 1.07 0.00	38.44 1.06 0.00	39.24 0.92 0.23	50.56 1.53 3.01	54.92 2.43 2.21	61.56 2.57 3.81	42.40 2.22 0.20	50.89 2.94 -6.34	59.49 3.67 -12.74	60.74 3.57 -15.81	64.18 3.27 -23.74	57.63 3.00 -20.48	37.70 2.66 0.00	44.56 2.69 0.00	61.20 3.02 0.00	53.88 2.27 0.00	54.85 2.23 0.00	60.61 2.32 0.00	57.73 2.27 0.00	49.71 2.56 -0.01	53.76 3.06 -0.31
TRINITY___115KV___4 BK 55933	36.86 0.07 0.00	37.29 0.09 0.00	41.74 -0.02 0.00	36.65 0.08 0.00	37.38 0.00 0.00	38.49 -0.07 0.00	52.03 0.00 0.00	55.00 0.30 0.00	62.83 0.03 0.00	40.42 0.04 0.00	41.67 0.07 0.00	43.25 0.18 0.00	41.34 -0.01 0.00	37.37 0.19 0.00	34.51 0.37 0.00	35.41 0.37 0.00	42.31 0.44 0.00	58.53 0.35 0.00	51.74 0.13 0.00	52.76 0.14 0.00	58.66 0.37 0.00	55.81 0.35 0.00	47.09 -0.05 0.00	50.22 -0.18 0.00
UNION___PROCESSING_DRP 323587	36.03 -0.76 0.00	36.37 -0.83 0.00	41.03 -0.74 0.00	33.08 -0.69 2.79	36.74 -0.64 0.00	38.05 -0.51 0.00	48.96 -1.26 1.83	53.62 -1.07 0.00	61.58 -1.22 0.00	39.59 -0.79 0.00	40.72 -0.89 0.00	41.60 -1.47 0.00	40.09 -1.26 0.00	35.79 -1.38 0.00	32.68 -1.46 0.00	33.40 -1.64 0.00	37.34 -2.07 2.46	47.36 -2.62 8.19	45.18 -2.01 4.41	49.56 -1.95 1.12	49.56 -2.48 6.24	48.04 -2.35 5.08	45.52 -1.63 0.00	49.25 -1.15 0.00
UPPER HUDSON___HYD 24058	37.96 1.17 0.00	38.42 1.23 0.00	42.98 1.21 0.00	37.69 1.12 0.00	38.64 1.26 0.00	39.90 1.35 0.00	54.32 2.29 0.00	57.09 2.40 0.00	64.63 1.82 0.00	41.07 0.68 0.00	42.09 0.49 0.00	43.65 0.58 0.00	41.59 0.23 0.00	37.47 0.29 0.00	34.71 0.57 0.00	35.74 0.70 0.00	43.22 1.34 0.00	60.37 2.20 0.00	53.54 1.94 0.00	54.65 2.03 0.00	60.49 2.21 0.00	57.42 1.96 0.00	48.26 1.12 0.00	51.44 1.04 0.00
UPPER RAQUET___HYD 24056	38.27 1.49 0.00	38.80 1.61 0.00	43.59 1.83 0.00	38.15 1.58 0.00	39.01 1.63 0.00	40.26 1.70 0.00	54.16 2.13 0.00	56.16 1.47 0.00	65.00 2.20 0.00	41.36 0.97 0.00	42.49 0.89 0.00	43.86 0.78 0.00	42.22 0.86 0.00	37.90 0.72 0.00	34.67 0.53 0.00	35.64 0.60 0.00	42.32 0.45 0.00	59.17 0.99 0.00	52.81 1.20 0.00	53.97 1.35 0.00	60.02 1.73 0.00	57.59 2.12 0.00	49.26 2.12 0.00	52.59 2.19 0.00
VALLEY44_115KV_TB2 355964	35.54 -1.25 0.00	35.67 -1.52 0.00	40.39 -1.37 0.00	29.61 -1.34 5.62	36.22 -1.16 0.00	37.68 -0.87 0.00	46.25 -2.12 3.67	52.96 -1.73 0.00	60.78 -2.02 0.00	39.47 -0.91 0.00	40.66 -0.95 0.00	41.64 -1.43 0.00	40.17 -1.19 0.00	35.56 -1.61 0.00	32.57 -1.54 0.05	33.15 -1.89 0.00	34.17 -2.81 4.90	36.43 -4.10 17.64	39.79 -3.08 8.73	46.74 -3.17 2.71	40.65 -3.81 13.83	42.02 -3.52 9.92	44.82 -2.32 0.00	48.93 -1.47 0.00
VALLEY___115KV_TB 1-4 80826	37.90 1.11 0.00	38.38 1.18 0.00	43.14 1.38 0.00	37.77 1.20 0.00	38.66 1.28 0.00	39.83 1.28 0.00	53.84 1.80 0.00	56.89 2.20 0.00	64.55 1.75 0.00	40.95 0.57 0.00	41.88 0.27 0.00	43.46 0.39 0.00	41.69 0.34 0.00	37.42 0.25 0.00	34.47 0.32 0.00	35.44 0.40 0.00	42.79 0.92 0.00	60.14 1.97 0.00	53.58 1.97 0.00	54.44 1.82 0.00	60.19 1.90 0.00	57.19 1.73 0.00	48.42 1.28 0.00	51.70 1.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.24 1.45 0.00	38.63 1.43 0.00	43.46 1.70 0.00	38.86 1.44 -0.85	38.88 1.51 0.00	40.13 1.58 0.00	54.85 2.25 -0.56	57.38 2.69 0.00	65.58 2.78 0.00	42.24 1.86 0.00	43.59 1.99 0.00	45.29 2.22 0.00	43.37 2.01 0.00	38.89 1.71 0.00	35.68 1.54 0.00	36.64 1.60 0.00	44.89 2.01 -1.01	62.16 2.51 -1.48	53.55 1.94 0.00	54.52 1.90 0.00	61.37 2.06 -1.03	59.15 2.01 -1.68	48.97 1.82 0.00	52.48 2.08 0.00
VISCHER___FERRY HYD 24020	37.64 0.85 0.00	38.08 0.88 0.00	42.60 0.83 0.00	37.34 0.77 0.00	38.12 0.74 0.00	39.31 0.76 0.00	53.16 1.13 0.00	56.14 1.45 0.00	64.01 1.21 0.00	41.05 0.67 0.00	42.21 0.60 0.00	43.81 0.74 0.00	41.77 0.41 0.00	37.69 0.51 0.00	34.85 0.71 0.00	35.79 0.75 0.00	43.02 1.15 0.00	59.65 1.48 0.00	52.75 1.14 0.00	53.84 1.22 0.00	59.93 1.65 0.00	57.01 1.54 0.00	47.92 0.78 0.00	51.07 0.67 0.00
V_A_10_SYNC_DSASP 323832	35.11 -1.68 0.00	35.43 -1.77 0.00	40.14 -1.63 0.00	31.17 -1.48 3.92	35.95 -1.43 0.00	37.18 -1.37 0.00	46.26 -3.21 2.56	51.39 -3.31 0.00	59.23 -3.58 0.00	38.49 -1.90 0.00	39.74 -1.86 0.00	40.30 -2.77 0.00	38.91 -2.44 0.00	34.57 -2.60 0.00	31.47 -2.65 0.04	32.05 -2.99 0.00	34.32 -4.03 3.52	39.22 -5.70 13.26	40.75 -4.69 6.17	46.05 -4.62 1.95	42.63 -5.51 10.15	43.39 -5.00 7.07	43.67 -3.47 0.00	47.89 -2.51 0.00
V_CMM_10_SYNC_DSASP 323787	37.30 0.51 0.00	37.76 0.56 0.00	42.40 0.63 0.00	37.14 0.57 0.00	37.94 0.57 0.00	39.13 0.58 0.00	52.66 0.62 0.00	54.86 0.17 0.00	63.51 0.71 0.00	40.84 0.46 0.00	42.08 0.47 0.00	43.43 0.36 0.00	41.83 0.47 0.00	37.57 0.40 0.00	34.41 0.27 0.00	35.42 0.38 0.00	42.27 0.40 0.00	58.92 0.74 0.00	52.38 0.78 0.00	53.44 0.82 0.00	59.16 0.88 0.00	56.30 0.83 0.00	47.90 0.76 0.00	51.17 0.77 0.00
V_CMP_10_SYNC_DSASP 323788	37.57 0.78 0.00	38.06 0.86 0.00	42.68 0.91 0.00	37.35 0.78 0.00	38.02 0.64 0.00	39.07 0.52 0.00	52.09 0.05 0.00	53.93 -0.77 0.00	62.39 -0.41 0.00	40.46 0.08 0.00	41.77 0.16 0.00	43.15 0.07 0.00	41.48 0.12 0.00	37.32 0.15 0.00	34.23 0.09 0.00	35.26 0.21 0.00	41.93 0.06 0.00	58.30 0.13 0.00	51.82 0.21 0.00	52.82 0.20 0.00	58.50 0.21 0.00	55.69 0.23 0.00	47.73 0.58 0.00	51.16 0.76 0.00
V_D_10_SYNC_DSASP 323841	37.69 0.90 0.00	38.15 0.95 0.00	42.84 1.07 0.00	37.53 0.96 0.00	38.35 0.97 0.00	39.55 1.00 0.00	53.21 1.17 0.00	55.25 0.56 0.00	64.16 1.36 0.00	41.19 0.81 0.00	42.44 0.83 0.00	43.79 0.72 0.00	42.17 0.81 0.00	37.88 0.71 0.00	34.69 0.54 0.00	35.69 0.65 0.00	42.58 0.71 0.00	59.38 1.20 0.00	52.83 1.23 0.00	53.92 1.30 0.00	59.70 1.41 0.00	56.84 1.38 0.00	48.41 1.27 0.00	51.69 1.29 0.00
V_E_10_SYNC_DSASP 323830	39.31 2.28 -0.24	39.73 2.31 -0.23	44.70 2.77 -0.17	45.19 2.15 -6.47	39.82 2.32 -0.12	41.56 2.74 -0.26	60.65 3.99 -4.62	60.07 4.72 -0.66	68.07 4.76 -0.52	43.43 2.68 -0.38	43.79 2.10 -0.08	45.18 2.11 0.00	43.39 2.03 0.00	39.00 1.77 -0.05	35.56 1.40 -0.01	36.42 1.38 0.00	51.16 2.35 -6.93	81.68 3.96 -19.54	65.87 3.69 -10.57	59.08 3.66 -2.80	78.50 3.78 -16.43	73.59 3.40 -14.72	50.01 2.87 0.00	53.70 3.30 0.00

V_F_30_NSYNC___DSASP 323816	38.10 1.31 0.00	38.54 1.35 0.00	43.15 1.39 0.00	37.82 1.24 0.00	38.68 1.30 0.00	39.93 1.38 0.00	54.13 2.09 0.00	57.06 2.36 0.00	64.93 2.14 0.00	41.46 1.08 0.00	42.54 0.93 0.00	44.09 1.02 0.00	42.12 0.76 0.00	37.93 0.76 0.00	35.06 0.92 0.00	36.04 1.00 0.00	43.45 1.57 0.00	60.52 2.34 0.00	53.61 2.00 0.00	54.66 2.00 0.00	60.68 2.40 0.00	57.68 2.22 0.00	48.58 1.43 0.00	51.78 1.39 0.00
V_F_30_SYNC_DSASP 323786	37.08 0.29 0.00	37.52 0.32 0.00	42.00 0.24 0.00	36.88 0.30 0.00	37.61 0.23 0.00	38.74 0.19 0.00	52.40 0.37 0.00	55.39 0.69 0.00	63.27 0.47 0.00	40.69 0.30 0.00	41.94 0.33 0.00	43.52 0.45 0.00	41.60 0.24 0.00	37.59 0.41 0.00	34.72 0.57 0.00	35.63 0.58 0.00	42.63 0.76 0.00	58.98 0.81 0.00	52.14 0.53 0.00	53.22 0.60 0.00	59.09 0.81 0.00	56.20 0.74 0.00	47.41 0.27 0.00	50.54 0.14 0.00
V_XM_10_SYNC_DSASP 323789	37.57 0.78 0.00	38.06 0.86 0.00	42.68 0.91 0.00	37.35 0.78 0.00	38.02 0.64 0.00	39.07 0.52 0.00	52.09 0.05 0.00	53.93 -0.77 0.00	62.39 -0.41 0.00	40.46 0.08 0.00	41.77 0.16 0.00	43.15 0.07 0.00	41.48 0.12 0.00	37.32 0.15 0.00	34.23 0.09 0.00	35.26 0.21 0.00	41.93 0.06 0.00	58.30 0.13 0.00	51.82 0.21 0.00	52.82 0.20 0.00	58.50 0.21 0.00	55.69 0.23 0.00	47.73 0.58 0.00	51.16 0.76 0.00
W.BABYLN_69_KV_BK1 56697	38.81 2.02 0.00	38.95 1.75 0.00	43.47 1.70 0.00	37.98 1.41 0.00	38.78 1.40 0.00	38.76 1.06 0.86	39.33 1.77 14.47	45.87 2.69 11.51	45.90 2.86 19.76	41.78 2.44 1.04	44.90 3.23 -0.06	54.55 4.11 -7.37	54.66 3.97 -9.33	55.22 3.62 -14.42	49.93 3.31 -12.47	37.98 2.94 0.00	44.85 2.98 0.00	61.74 3.56 0.00	54.34 2.73 0.00	55.29 2.67 0.00	61.07 2.79 0.00	58.15 2.68 0.00	50.20 3.05 0.00	54.22 3.79 -0.03
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.42 1.63 0.00	38.61 1.41 0.00	43.21 1.44 0.00	37.82 1.25 0.00	38.67 1.29 0.00	40.01 1.46 0.00	54.28 2.25 0.00	57.79 3.10 0.00	66.07 3.26 0.00	42.90 2.51 0.00	44.45 2.85 0.00	46.60 3.53 0.00	44.82 3.46 0.00	40.32 3.15 0.00	37.04 2.90 0.00	37.86 2.82 0.00	44.80 2.93 0.00	61.44 3.27 0.00	54.20 2.59 0.00	55.12 2.50 0.00	60.84 2.56 0.00	58.01 2.55 0.00	49.73 2.59 0.00	53.29 2.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.48 1.69 0.00	38.64 1.45 0.00	43.21 1.44 0.00	37.84 1.27 0.00	38.66 1.28 0.00	40.02 1.46 0.00	54.35 2.31 0.00	57.91 3.22 0.00	66.29 3.49 0.00	43.20 2.81 0.00	44.81 3.20 0.00	46.97 3.90 0.00	45.16 3.80 0.00	40.62 3.45 0.00	37.37 3.22 0.00	38.15 3.11 0.00	45.10 3.23 0.00	61.84 3.66 0.00	54.46 2.85 0.00	55.36 2.75 0.00	61.06 2.78 0.00	58.20 2.74 0.00	49.94 2.79 0.00	53.49 3.09 0.00
W50THST__13_KV_LOAD 356117	38.62 1.83 0.00	38.76 1.57 0.00	43.33 1.56 0.00	37.96 1.39 0.00	38.78 1.40 0.00	40.16 1.61 0.00	54.58 2.55 0.00	58.17 3.48 0.00	66.59 3.79 0.00	43.45 3.06 0.00	45.10 3.49 0.00	47.26 4.19 0.00	45.45 4.09 0.00	40.88 3.71 0.00	37.61 3.46 0.00	38.38 3.34 0.00	45.37 3.50 0.00	62.18 4.00 0.00	54.72 3.11 0.00	55.59 2.97 0.00	61.27 2.99 0.00	58.41 2.94 0.00	50.13 2.99 0.00	53.68 3.28 0.00
WADING RIVER_IC_1 23522	38.32 1.53 0.00	38.40 1.21 0.00	42.85 1.08 0.00	37.45 0.88 0.00	38.15 0.77 0.00	37.84 0.28 1.00	36.13 0.99 16.90	42.43 1.59 13.86	41.06 1.94 23.69	40.90 1.76 1.24	42.41 2.50 1.70	52.53 3.43 -6.02	52.41 3.32 -7.73	52.39 3.02 -12.20	47.47 2.76 -10.57	37.42 2.38 0.00	44.14 2.27 0.00	60.76 2.58 0.00	52.93 1.32 0.00	54.20 1.58 0.00	60.03 1.74 0.00	57.15 1.69 0.00	49.34 2.20 0.00	53.35 3.03 0.07
WADING RIVER_IC_2 23547	38.32 1.53 0.00	38.40 1.21 0.00	42.85 1.08 0.00	37.45 0.88 0.00	38.15 0.77 0.00	37.84 0.28 1.00	36.13 0.99 16.90	42.43 1.59 13.86	41.06 1.94 23.69	40.90 1.76 1.24	42.41 2.50 1.70	52.53 3.43 -6.02	52.41 3.32 -7.73	52.39 3.02 -12.20	47.47 2.76 -10.57	37.42 2.38 0.00	44.14 2.27 0.00	60.76 2.58 0.00	52.93 1.32 0.00	54.20 1.58 0.00	60.03 1.74 0.00	57.15 1.69 0.00	49.34 2.20 0.00	53.35 3.03 0.07
WADING RIVER_IC_3 23601	38.32 1.53 0.00	38.40 1.21 0.00	42.85 1.08 0.00	37.45 0.88 0.00	38.15 0.77 0.00	37.84 0.28 1.00	36.13 0.99 16.90	42.43 1.59 13.86	41.06 1.94 23.69	40.90 1.76 1.24	42.41 2.50 1.70	52.53 3.43 -6.02	52.41 3.32 -7.73	52.39 3.02 -12.20	47.47 2.76 -10.57	37.42 2.38 0.00	44.14 2.27 0.00	60.76 2.58 0.00	52.93 1.32 0.00	54.20 1.58 0.00	60.03 1.74 0.00	57.15 1.69 0.00	49.34 2.20 0.00	53.35 3.03 0.07
WALDENNY_12_KV_BK2 80841	35.27 -1.52 0.00	35.55 -1.65 0.00	40.31 -1.46 0.00	30.15 -1.38 5.04	36.08 -1.30 0.00	37.38 -1.17 0.00	45.74 -3.01 3.29	51.68 -3.01 0.00	59.58 -3.22 0.00	38.73 -1.65 0.00	39.96 -1.64 0.00	40.44 -2.63 0.00	39.11 -2.24 0.00	34.67 -2.50 0.00	31.62 -2.47 0.06	32.21 -2.84 0.00	33.45 -3.89 4.53	36.47 -5.53 16.17	39.24 -4.47 7.89	45.58 -4.42 2.62	39.99 -5.33 12.96	41.72 -4.75 8.99	43.83 -3.31 0.00	48.17 -2.23 0.00
WALDEN__HYDRO 24148	38.33 1.55 0.00	38.56 1.37 0.00	43.17 1.40 0.00	37.80 1.23 0.00	38.64 1.26 0.00	39.95 1.40 0.00	54.19 2.16 0.00	57.63 2.94 0.00	65.89 3.09 0.00	42.69 2.31 0.00	44.14 2.54 0.00	46.16 3.09 0.00	44.35 3.00 0.00	39.93 2.76 0.00	36.70 2.55 0.00	37.53 2.48 0.00	44.51 2.64 0.00	61.17 2.99 0.00	54.04 2.43 0.00	54.98 2.36 0.00	60.73 2.45 0.00	57.88 2.41 0.00	49.55 2.41 0.00	53.08 2.68 0.00
WARRENSBURG____ 23737	37.96 1.17 0.00	38.43 1.23 0.00	42.98 1.22 0.00	37.69 1.12 0.00	38.64 1.26 0.00	39.90 1.35 0.00	54.32 2.29 0.00	57.09 2.40 0.00	64.62 1.82 0.00	41.07 0.69 0.00	42.09 0.49 0.00	43.65 0.58 0.00	41.59 0.23 0.00	37.47 0.29 0.00	34.71 0.57 0.00	35.74 0.70 0.00	43.22 1.35 0.00	60.37 2.20 0.00	53.54 1.93 0.00	54.65 2.03 0.00	60.49 2.21 0.00	57.43 1.96 0.00	48.26 1.11 0.00	51.44 1.04 0.00
WATERSIDE____6 8 9 23538	38.26 1.47 0.00	38.43 1.24 0.00	42.93 1.17 0.00	37.65 1.07 0.00	38.46 1.08 0.00	39.88 1.33 0.00	54.11 2.07 0.00	57.65 2.96 0.00	66.00 3.20 0.00	43.06 2.67 0.00	44.62 3.02 0.00	46.78 3.71 0.00	44.95 3.59 0.00	40.46 3.28 0.00	37.22 3.07 0.00	38.00 2.96 0.00	44.85 2.97 0.00	61.45 3.28 0.00	54.04 2.43 0.00	55.06 2.44 0.00	60.67 2.38 0.00	57.98 2.52 0.00	49.79 2.65 0.00	53.19 2.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.56 0.78 0.00	38.02 0.83 0.00	42.70 0.94 0.00	37.38 0.81 0.00	38.24 0.86 0.00	39.41 0.86 0.00	53.29 1.25 0.00	56.30 1.61 0.00	64.03 1.22 0.00	40.77 0.39 0.00	41.78 0.18 0.00	43.34 0.27 0.00	41.58 0.22 0.00	37.34 0.16 0.00	34.37 0.22 0.00	35.30 0.26 0.00	42.50 0.62 0.00	59.53 1.35 0.00	52.97 1.36 0.00	53.90 1.28 0.00	59.64 1.36 0.00	56.71 1.25 0.00	48.06 0.92 0.00	51.32 0.92 0.00

WDELAWARE___HYD 323627	37.85 1.07 0.00	38.10 0.91 0.00	42.71 0.95 0.00	37.39 0.81 0.00	38.24 0.85 0.00	39.53 0.98 0.00	53.67 1.64 0.00	57.06 2.36 0.00	65.16 2.36 0.00	42.03 1.65 0.00	43.30 1.70 0.00	45.13 2.06 0.00	43.16 1.80 0.00	37.99 0.81 0.00	34.99 0.84 0.00	35.77 0.73 0.00	42.65 0.77 0.00	58.84 0.67 0.00	52.10 0.49 0.00	53.06 0.44 0.00	58.83 0.55 0.00	57.28 1.82 0.00	48.93 1.78 0.00	52.34 1.94 0.00
WEST BABYLON___IC 23714	38.81 2.02 0.00	38.95 1.75 0.00	43.47 1.70 0.00	37.98 1.41 0.00	38.78 1.40 0.00	38.76 1.06 0.86	39.33 1.77 14.47	45.87 2.69 11.51	45.90 2.86 19.76	41.78 2.44 1.04	44.90 3.23 -0.06	54.55 4.11 -7.37	54.66 3.97 -9.33	55.22 3.62 -14.42	49.93 3.31 -12.47	37.98 2.94 0.00	44.85 2.98 0.00	61.74 3.56 0.00	54.34 2.73 0.00	55.29 2.67 0.00	61.07 2.79 0.00	58.15 2.68 0.00	50.20 3.05 0.00	54.22 3.79 -0.03
WEST CANADA___HYD 24049	36.86 0.07 0.00	37.27 0.07 0.00	41.85 0.08 0.00	36.64 0.07 0.00	37.46 0.08 0.00	38.63 0.08 0.00	52.18 0.14 0.00	54.97 0.28 0.00	62.92 0.11 0.00	40.42 0.04 0.00	41.66 0.06 0.00	43.17 0.10 0.00	41.42 0.06 0.00	37.25 0.07 0.00	34.24 0.09 0.00	35.11 0.07 0.00	42.00 0.12 0.00	58.34 0.17 0.00	51.74 0.13 0.00	52.73 0.10 0.00	58.41 0.12 0.00	55.59 0.13 0.00	47.23 0.09 0.00	50.49 0.09 0.00
WESTERN_NY_WIND 24143	36.15 -0.64 0.00	36.49 -0.70 0.00	41.30 -0.46 0.00	32.23 -0.43 3.91	37.04 -0.34 0.00	38.33 -0.23 0.00	48.02 -1.46 2.55	53.33 -1.37 0.00	61.34 -1.46 0.00	39.43 -0.95 0.00	40.32 -1.29 0.00	40.78 -2.30 0.00	39.39 -1.96 0.00	34.99 -2.18 0.00	31.89 -2.23 0.03	32.49 -2.55 0.00	35.12 -3.25 3.51	41.85 -4.02 12.31	42.66 -2.80 6.15	47.99 -2.72 1.92	45.11 -3.42 9.75	45.36 -3.08 7.03	45.02 -2.12 0.00	49.33 -1.07 0.00
WESTOVER___LESR 323668	36.82 0.03 0.00	37.10 -0.10 0.00	41.76 -0.01 0.00	36.46 -0.12 0.00	37.38 0.00 0.00	38.65 0.09 0.00	52.05 0.02 0.00	55.09 0.40 0.00	62.95 0.15 0.00	40.60 0.22 0.00	41.79 0.18 0.00	43.23 0.16 0.00	41.58 0.22 0.00	37.18 0.01 0.00	34.21 0.06 0.00	35.00 -0.04 0.00	40.35 -0.19 1.32	51.90 -0.37 5.90	47.35 -0.27 4.00	51.35 -0.25 1.01	52.81 -0.42 5.05	51.64 -0.38 3.44	47.09 -0.06 0.00	50.62 0.22 0.00
WETHRSFD_WT_PWR 323626	34.95 -1.84 0.00	35.06 -2.14 0.00	39.66 -2.11 0.00	27.51 -2.00 7.06	35.55 -1.83 0.00	36.99 -1.56 0.00	44.32 -3.11 4.61	51.66 -3.03 0.00	59.36 -3.44 0.00	38.27 -2.11 0.00	39.16 -2.45 0.00	39.70 -3.37 0.00	38.28 -3.08 0.00	34.04 -3.14 0.00	31.08 -2.87 0.19	31.83 -3.22 0.00	30.64 -4.29 6.94	29.74 -5.67 22.76	35.87 -4.55 11.18	43.14 -4.64 4.84	31.83 -5.70 20.76	37.37 -5.31 12.78	43.44 -3.70 0.00	47.52 -2.88 0.00
WHAVSTOR_138KV_BK127 55557	38.21 1.41 0.00	38.40 1.21 0.00	42.98 1.21 0.00	37.62 1.05 0.00	38.46 1.08 0.00	39.77 1.21 0.00	53.94 1.91 0.00	57.40 2.71 0.00	65.63 2.83 0.00	42.63 2.25 0.00	44.19 2.58 0.00	46.32 3.24 0.00	44.52 3.17 0.00	40.07 2.90 0.00	36.82 2.68 0.00	37.61 2.57 0.00	44.50 2.63 0.00	61.00 2.83 0.00	53.82 2.21 0.00	54.75 2.13 0.00	60.43 2.15 0.00	57.63 2.17 0.00	49.42 2.28 0.00	52.98 2.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.21 1.41 0.00	38.40 1.21 0.00	42.98 1.21 0.00	37.62 1.05 0.00	38.46 1.08 0.00	39.77 1.21 0.00	53.94 1.91 0.00	57.40 2.71 0.00	65.63 2.83 0.00	42.63 2.25 0.00	44.19 2.58 0.00	46.32 3.24 0.00	44.52 3.17 0.00	40.07 2.90 0.00	36.82 2.68 0.00	37.61 2.57 0.00	44.50 2.63 0.00	61.00 2.83 0.00	53.82 2.21 0.00	54.75 2.13 0.00	60.43 2.15 0.00	57.63 2.17 0.00	49.42 2.28 0.00	52.98 2.58 0.00
WHITEHAL_115KV_TB1 80871	38.84 2.06 0.00	39.26 2.07 0.00	43.63 1.86 0.00	38.25 1.68 0.00	39.61 2.23 0.00	41.99 3.44 0.00	58.55 6.51 0.00	59.63 4.94 0.00	65.38 2.58 0.00	40.94 0.56 0.00	41.84 0.23 0.00	43.66 0.59 0.00	41.00 -0.35 0.00	37.05 -0.13 0.00	35.23 1.08 0.00	36.60 1.56 0.00	44.89 3.02 0.00	62.41 4.23 0.00	55.61 4.01 0.00	57.18 4.56 0.00	62.49 4.21 0.00	58.73 3.27 0.00	48.61 1.47 0.00	51.67 1.27 0.00
WHITEPLN_13_KV_LOAD 356215	38.57 1.78 0.00	38.77 1.58 0.00	43.37 1.60 0.00	37.96 1.39 0.00	38.80 1.42 0.00	40.15 1.60 0.00	54.51 2.47 0.00	58.08 3.38 0.00	66.43 3.63 0.00	43.19 2.80 0.00	44.76 3.15 0.00	46.89 3.82 0.00	45.09 3.74 0.00	40.57 3.40 0.00	37.27 3.12 0.00	38.07 3.02 0.00	45.06 3.19 0.00	61.86 3.69 0.00	54.59 2.98 0.00	55.50 2.88 0.00	61.21 2.92 0.00	58.32 2.85 0.00	49.95 2.81 0.00	53.49 3.09 0.00
WM_FLOYD_69_KV_BK2 356380	38.39 1.60 0.00	38.47 1.27 0.00	42.92 1.15 0.00	37.49 0.92 0.00	38.22 0.84 0.00	37.97 0.41 0.99	36.35 1.15 16.84	42.69 1.81 13.80	41.32 2.12 23.60	41.00 1.85 1.24	42.57 2.62 1.67	52.65 3.53 -6.05	52.52 3.40 -7.76	52.52 3.11 -12.24	47.58 2.83 -10.61	37.51 2.47 0.00	44.24 2.37 0.00	60.92 2.75 0.00	53.21 1.60 0.00	54.41 1.79 0.00	60.20 1.91 0.00	57.30 1.84 0.00	49.47 2.32 0.00	53.49 3.16 0.06
WOODARD___115KV_TB2 355635	36.16 -0.63 0.00	36.53 -0.66 0.00	41.05 -0.71 0.00	35.92 -0.65 0.00	36.75 -0.63 0.00	37.99 -0.57 0.00	51.28 -0.75 0.00	54.11 -0.58 0.00	61.90 -0.90 0.00	39.72 -0.66 0.00	40.85 -0.75 0.00	42.24 -0.84 0.00	40.55 -0.80 0.00	36.40 -0.77 0.00	33.41 -0.74 0.00	34.26 -0.78 0.00	41.02 -0.86 0.00	57.12 -1.06 0.00	50.73 -0.88 0.00	51.72 -0.90 0.00	57.22 -1.06 0.00	54.41 -1.06 0.00	46.29 -0.85 0.00	49.52 -0.88 0.00
WOODMERE_69_KV_BK1 55827	38.90 2.07 -0.04	39.00 1.81 0.00	43.50 1.74 0.00	37.99 1.41 0.00	38.78 1.40 0.00	39.76 1.26 0.06	54.06 1.97 -0.06	57.66 2.97 0.00	65.57 2.71 -0.05	42.69 2.30 -0.01	55.79 3.16 -11.02	61.19 3.92 -14.20	62.21 3.82 -17.04	64.88 3.47 -24.24	58.13 3.18 -20.81	37.85 2.81 0.00	44.73 2.86 0.00	61.47 3.30 0.00	54.19 2.59 0.00	55.19 2.57 0.00	61.05 2.77 0.00	58.13 2.66 0.00	50.06 2.90 -0.02	54.70 3.47 -0.82
YORK___WARBASSE 23770	38.38 1.60 0.00	38.57 1.37 0.00	43.07 1.30 0.00	37.75 1.18 0.00	38.58 1.19 0.00	40.04 1.48 0.00	54.34 2.30 0.00	57.95 3.26 0.00	66.34 3.54 0.00	43.20 2.82 0.00	44.75 3.14 0.00	46.91 3.84 0.00	45.06 3.70 0.00	40.54 3.37 0.00	37.30 3.15 0.00	38.10 3.06 0.00	44.97 3.09 0.00	61.65 3.47 0.00	54.24 2.64 0.00	55.29 2.67 0.00	60.94 2.66 0.00	58.29 2.82 0.00	49.99 2.85 0.00	53.39 2.99 0.00