



ALBANY___2 23572	24.02 0.79 0.00	22.91 0.84 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.41 0.84 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.18 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.34 0.91 0.00	23.08 0.76 0.00	23.16 0.80 0.00
ALBANY___3 23573	24.02 0.79 0.00	22.91 0.84 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.41 0.84 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.18 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.34 0.91 0.00	23.08 0.76 0.00	23.16 0.80 0.00
ALBANY___4 23574	24.02 0.79 0.00	22.91 0.84 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.41 0.84 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.18 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.34 0.91 0.00	23.08 0.76 0.00	23.16 0.80 0.00
ALBANY___LFGE 323615	24.21 0.98 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.57 0.99 0.00	25.20 1.11 0.00	32.19 1.04 -1.57	40.24 1.01 -8.49	30.49 1.06 0.00	24.85 1.00 0.00	24.40 1.03 0.00	23.94 0.79 0.00	22.78 0.40 0.00	22.54 0.42 0.00	22.88 0.43 0.00	22.80 0.49 0.00	24.41 0.76 0.00	28.63 1.07 0.00	30.24 1.13 -0.02	27.23 1.10 0.00	26.38 1.01 -1.33	24.50 1.08 0.00	23.22 0.89 0.00	23.32 0.96 0.00
ALCOA_PA_115KV_PL-6C 55860	22.93 -0.30 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.56 -0.53 0.00	28.85 -0.74 0.00	29.94 -0.80 0.00	28.61 -0.82 0.00	23.32 -0.52 0.00	22.98 -0.40 0.00	23.01 -0.14 0.00	22.44 0.07 0.00	22.19 0.07 0.00	22.52 0.07 0.00	22.24 -0.07 0.00	23.30 -0.35 0.00	26.81 -0.74 0.00	28.25 -0.84 0.00	25.43 -0.71 0.00	22.25 -0.65 1.14	22.85 -0.56 0.01	21.94 -0.38 0.00	21.79 -0.56 0.01
ALCOA_RYNLDS___DRP 24188	22.93 -0.30 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.56 -0.53 0.00	28.85 -0.74 0.00	29.94 -0.80 0.00	28.61 -0.82 0.00	23.32 -0.52 0.00	22.98 -0.40 0.00	23.01 -0.14 0.00	22.44 0.07 0.00	22.19 0.07 0.00	22.52 0.07 0.00	22.24 -0.07 0.00	23.30 -0.35 0.00	26.81 -0.74 0.00	28.25 -0.84 0.00	25.43 -0.71 0.00	22.25 -0.65 1.14	22.85 -0.56 0.01	21.94 -0.38 0.00	21.79 -0.56 0.01
ALCOA___DSASP 323711	22.93 -0.30 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.56 -0.53 0.00	28.85 -0.74 0.00	29.94 -0.80 0.00	28.64 -0.79 0.00	23.32 -0.52 0.00	22.98 -0.40 0.00	23.01 -0.14 0.00	22.44 0.07 0.00	22.19 0.07 0.00	22.53 0.07 0.00	22.24 -0.07 0.00	23.30 -0.35 0.00	26.82 -0.74 0.00	28.31 -0.78 0.00	25.43 -0.70 0.00	22.25 -0.65 1.14	22.85 -0.56 0.01	21.94 -0.38 0.00	21.79 -0.56 0.01
ALLEGHENY___COGEN 23514	23.86 0.63 0.00	22.62 0.55 0.00	22.04 0.50 0.00	22.12 0.50 0.00	23.12 0.54 0.00	24.93 0.84 0.00	30.85 1.01 -0.26	33.34 1.17 -1.44	30.38 0.94 -0.01	24.11 0.26 -0.01	23.42 0.05 0.00	23.01 -0.14 0.00	22.06 -0.31 0.00	21.81 -0.31 0.00	22.23 -0.22 0.00	22.42 0.11 0.00	24.17 0.52 0.00	28.80 1.24 0.00	30.12 1.02 -0.01	26.90 0.76 -0.01	24.84 0.58 -0.22	23.77 0.35 0.00	22.48 0.16 0.00	22.81 0.45 0.00
ALTAMONT_115KV_TB 2 55880	24.12 0.88 0.00	22.91 0.84 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.44 0.86 0.00	25.08 0.99 0.00	32.38 1.24 -1.55	40.44 1.29 -8.42	30.70 1.27 0.00	24.82 0.98 0.00	24.31 0.93 0.00	23.91 0.76 0.00	22.91 0.54 0.00	22.65 0.53 0.00	23.02 0.56 0.00	22.91 0.60 0.00	24.48 0.83 0.00	28.66 1.10 0.00	30.30 1.19 -0.02	27.21 1.07 0.00	26.32 0.96 -1.32	24.36 0.94 0.00	23.10 0.78 0.00	23.23 0.87 0.00
ALTONA_WT_PWR 323606	23.14 -0.09 0.00	21.87 -0.20 0.00	21.22 -0.32 0.00	21.32 -0.30 0.00	22.24 -0.34 0.00	23.58 -0.51 0.00	28.88 -0.71 0.00	29.94 -0.80 0.00	28.73 -0.71 0.00	23.49 -0.36 0.00	23.28 -0.09 0.00	23.27 0.12 0.00	22.64 0.27 0.00	22.39 0.27 0.00	22.73 0.27 0.00	22.49 0.18 0.00	23.56 -0.09 0.00	27.12 -0.44 0.00	28.42 -0.67 0.00	25.30 -0.84 0.00	21.93 -0.94 1.17	22.48 -0.94 0.01	21.52 -0.80 0.00	21.39 -0.96 0.01
AMERICAN_REF_FUEL 24010	21.35 -1.88 0.00	20.30 -1.77 0.00	19.78 -1.77 0.00	19.85 -1.77 0.00	20.59 -1.99 0.00	22.09 -2.00 0.00	26.80 -2.99 -0.20	28.70 -3.14 -1.10	26.42 -3.00 0.01	21.09 -2.74 0.01	20.71 -2.67 0.00	20.33 -2.83 0.00	19.51 -2.86 0.00	19.27 -2.85 0.00	19.54 -2.92 0.00	19.63 -2.68 0.00	21.08 -2.58 0.00	25.16 -2.40 0.00	25.82 -3.26 0.01	23.22 -2.90 0.01	21.54 -2.67 -0.17	20.61 -2.81 0.00	19.78 -2.55 0.00	20.26 -2.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.96 -1.28 0.00	20.77 -1.30 0.00	20.25 -1.29 0.00	20.41 -1.21 0.00	21.18 -1.40 0.00	22.74 -1.35 0.00	27.53 -2.28 -0.22	29.60 -2.37 -1.23	27.36 -2.06 0.01	22.12 -1.72 0.01	21.69 -1.68 0.00	21.30 -1.85 0.00	20.43 -1.95 0.00	20.13 -1.99 0.00	20.41 -2.04 0.00	20.55 -1.76 0.00	22.07 -1.58 0.00	26.29 -1.27 0.00	26.70 -2.38 0.00	24.01 -2.12 0.01	21.92 -2.31 -0.19	21.27 -2.15 0.00	20.22 -2.10 0.00	20.86 -1.50 0.00
ARTHUR KILL_GT_1 23520	25.17 1.93 -0.01	23.80 1.72 -0.01	23.28 1.72 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.65 2.78 -1.28	40.56 2.95 -6.87	43.51 2.89 -11.19	30.32 2.17 -4.30	30.35 2.06 -4.92	27.86 1.81 -2.90	26.13 1.66 -2.10	25.41 1.64 -1.65	25.29 1.66 -1.17	26.18 1.76 -2.10	32.11 2.08 -6.38	52.60 2.76 -22.29	52.65 3.05 -20.51	48.69 2.67 -19.89	30.31 2.45 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.56 2.19 -0.01
ARTHUR_KILL_2 23512	25.10 1.86 -0.01	23.73 1.66 -0.01	23.21 1.66 -0.01	23.25 1.62 0.00	24.28 1.69 -0.01	26.09 2.00 0.00	33.56 2.69 -1.28	40.47 2.86 -6.87	43.42 2.80 -11.19	30.27 2.12 -4.30	30.28 1.99 -4.92	27.81 1.76 -2.90	26.06 1.59 -2.10	25.34 1.57 -1.65	25.22 1.59 -1.17	26.11 1.69 -2.10	32.04 2.01 -6.38	52.52 2.67 -22.29	52.53 2.94 -20.51	48.61 2.59 -19.89	30.24 2.38 -3.82	27.38 2.27 -1.68	24.27 1.92 -0.02	24.49 2.13 -0.01
ARTHUR_KILL_3 23513	24.91 1.67 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.12 1.49 0.00	24.13 1.56 0.00	25.97 1.88 0.00	33.50 2.63 -1.28	40.41 2.80 -6.87	43.41 2.80 -11.18	30.29 2.15 -4.29	30.34 2.03 -4.93	27.87 1.81 -2.91	26.13 1.66 -2.11	25.42 1.64 -1.66	25.30 1.66 -1.18	26.15 1.74 -2.10	32.05 2.06 -6.34	52.41 2.70 -22.15	45.95 2.91 -13.95	48.46 2.56 -19.76	30.20 2.36 -3.80	27.30 2.20 -1.68	24.17 1.83 -0.02	24.35 1.99 0.00

ARTHUR_KILL_COGEN 323718	25.17 1.93 -0.01	23.80 1.72 -0.01	23.28 1.72 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.65 2.78 -1.28	40.56 2.95 -6.87	43.51 2.89 -11.19	30.32 2.17 -4.30	30.35 2.06 -4.92	27.86 1.81 -2.90	26.13 1.66 -2.10	25.41 1.64 -1.65	25.29 1.66 -1.17	26.18 1.76 -2.10	32.11 2.08 -6.38	52.60 2.76 -22.29	52.65 3.05 -20.51	48.69 2.67 -19.89	30.31 2.45 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.56 2.19 -0.01
ASHOKAN____ 23654	24.93 1.70 0.00	23.68 1.61 0.00	23.12 1.57 0.00	23.22 1.60 0.00	24.25 1.67 0.00	25.97 1.88 0.00	32.18 1.18 -1.40	39.46 1.10 -7.61	31.11 1.68 0.00	24.77 0.93 0.00	24.26 0.89 0.00	23.68 0.53 0.00	22.66 0.29 0.00	22.39 0.27 0.00	22.77 0.31 0.00	22.73 0.42 0.00	24.62 0.97 0.00	29.18 1.63 0.00	30.94 1.83 -0.02	27.68 1.54 0.00	25.95 0.72 -1.19	24.73 1.31 0.00	23.46 1.14 0.00	23.72 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.99 1.74 -0.01	23.73 1.66 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.06 1.98 0.00	33.58 2.72 -1.27	40.64 3.04 -6.86	37.53 3.00 -5.09	30.44 2.31 -4.28	30.48 2.20 -4.91	28.00 1.94 -2.90	26.26 1.79 -2.10	25.55 1.77 -1.66	25.43 1.80 -1.18	26.28 1.87 -2.09	32.19 2.22 -6.31	52.48 2.87 -22.06	41.80 3.14 -9.56	48.59 2.77 -19.68	30.34 2.50 -3.79	27.46 2.36 -1.67	24.25 1.92 -0.01	24.47 2.10 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.99 1.74 -0.01	23.73 1.66 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.06 1.98 0.00	33.58 2.72 -1.27	40.64 3.04 -6.86	37.53 3.00 -5.09	30.44 2.31 -4.28	30.48 2.20 -4.91	28.00 1.94 -2.90	26.26 1.79 -2.10	25.55 1.77 -1.66	25.43 1.80 -1.18	26.28 1.87 -2.09	32.19 2.22 -6.31	52.48 2.87 -22.06	41.80 3.14 -9.56	48.59 2.77 -19.68	30.34 2.50 -3.79	27.46 2.36 -1.67	24.25 1.92 -0.01	24.47 2.10 -0.01
ASTORIA_GT2_1 24094	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT2_2 24095	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT2_3 24096	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT2_4 24097	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT3_1 24098	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT3_2 24099	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT3_3 24100	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT3_4 24101	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT4_1 24102	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT4_2 24103	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT4_3 24104	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00

ASTORIA_GT4_4 24105	24.98 1.74 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.29 1.72 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.63 3.04 -6.85	37.59 3.06 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.48 2.39 -1.67	24.29 1.96 0.00	24.46 2.10 0.00
ASTORIA_GT_1 23523	25.03 1.79 -0.01	23.78 1.70 -0.01	23.26 1.70 -0.01	23.33 1.71 0.00	24.32 1.74 -0.01	26.11 2.02 0.00	33.67 2.81 -1.27	40.70 3.10 -6.86	37.61 3.09 -5.09	30.49 2.36 -4.28	30.53 2.24 -4.91	28.07 2.01 -2.90	26.33 1.86 -2.10	25.59 1.81 -1.66	25.47 1.84 -1.18	26.34 1.94 -2.09	32.24 2.27 -6.31	52.56 2.95 -22.06	41.88 3.23 -9.56	48.64 2.82 -19.68	30.41 2.57 -3.79	27.51 2.41 -1.67	24.29 1.96 -0.01	24.51 2.15 -0.01
ASTORIA_GT_10 24110	25.09 1.86 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.42 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
ASTORIA_GT_11 24225	25.09 1.86 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.42 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
ASTORIA_GT_12 24226	25.09 1.86 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.42 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
ASTORIA_GT_13 24227	25.09 1.86 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.42 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
ASTORIA_GT_5 24106	25.02 1.79 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.33 1.71 0.00	24.32 1.74 0.00	26.11 2.02 0.00	33.68 2.81 -1.28	40.69 3.10 -6.85	37.65 3.12 -5.09	30.49 2.36 -4.28	30.53 2.24 -4.91	28.05 1.99 -2.90	26.31 1.83 -2.10	25.59 1.81 -1.66	25.47 1.84 -1.18	26.34 1.94 -2.09	32.24 2.27 -6.31	52.56 2.95 -22.06	41.88 3.23 -9.56	48.64 2.82 -19.68	30.41 2.57 -3.79	27.53 2.44 -1.67	24.33 2.01 0.00	24.51 2.15 0.00
ASTORIA_GT_7 24107	25.02 1.79 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.33 1.71 0.00	24.32 1.74 0.00	26.11 2.02 0.00	33.68 2.81 -1.28	40.69 3.10 -6.85	37.65 3.12 -5.09	30.49 2.36 -4.28	30.53 2.24 -4.91	28.05 1.99 -2.90	26.31 1.83 -2.10	25.59 1.81 -1.66	25.47 1.84 -1.18	26.34 1.94 -2.09	32.24 2.27 -6.31	52.56 2.95 -22.06	41.88 3.23 -9.56	48.64 2.82 -19.68	30.41 2.57 -3.79	27.53 2.44 -1.67	24.33 2.01 0.00	24.51 2.15 0.00
ASTORIA_GT_8 24108	25.02 1.79 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.33 1.71 0.00	24.32 1.74 0.00	26.11 2.02 0.00	33.68 2.81 -1.28	40.69 3.10 -6.85	37.65 3.12 -5.09	30.49 2.36 -4.28	30.53 2.24 -4.91	28.05 1.99 -2.90	26.31 1.83 -2.10	25.59 1.81 -1.66	25.47 1.84 -1.18	26.34 1.94 -2.09	32.24 2.27 -6.31	52.56 2.95 -22.06	41.88 3.23 -9.56	48.64 2.82 -19.68	30.41 2.57 -3.79	27.53 2.44 -1.67	24.33 2.01 0.00	24.51 2.15 0.00
ASTORIA___2 24149	24.99 1.74 -0.01	23.75 1.68 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.30 1.72 -0.01	26.09 2.00 0.00	33.61 2.75 -1.27	40.64 3.04 -6.86	37.56 3.03 -5.09	30.46 2.34 -4.28	30.48 2.20 -4.91	28.02 1.97 -2.90	26.29 1.81 -2.10	25.57 1.79 -1.66	25.43 1.80 -1.18	26.30 1.90 -2.09	32.19 2.22 -6.31	52.51 2.89 -22.06	41.82 3.17 -9.56	48.59 2.77 -19.68	30.36 2.52 -3.79	27.46 2.36 -1.67	24.25 1.92 -0.01	24.47 2.10 -0.01
ASTORIA___3 23516	25.10 1.86 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.87	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.41 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
ASTORIA___4 23517	25.09 1.86 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.42 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
ASTORIA___5 23518	25.10 1.86 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.87	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.41 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
AST_ENERGY_2_CC3 323677	24.98 1.74 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.53 2.66 -1.28	40.46 2.86 -6.86	37.37 2.85 -5.08	30.31 2.19 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.17 1.70 -2.09	25.43 1.66 -1.65	25.31 1.69 -1.17	26.18 1.79 -2.08	32.07 2.10 -6.31	52.36 2.76 -22.05	41.61 2.97 -9.55	48.42 2.61 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
AST_ENERGY_2_CC4 323678	24.98 1.74 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.53 2.66 -1.28	40.46 2.86 -6.86	37.37 2.85 -5.08	30.31 2.19 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.17 1.70 -2.09	25.43 1.66 -1.65	25.31 1.69 -1.17	26.18 1.79 -2.08	32.07 2.10 -6.31	52.36 2.76 -22.05	41.61 2.97 -9.55	48.42 2.61 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00

ATHENS_STG_1 23668	24.30 1.07 0.00	23.06 0.99 0.00	22.54 0.99 0.00	22.62 1.00 0.00	23.62 1.04 0.00	25.29 1.20 0.00	32.55 1.57 -1.40	40.01 1.69 -7.59	31.08 1.65 0.00	25.13 1.29 0.00	24.59 1.21 0.00	24.17 1.02 0.00	23.22 0.85 0.00	22.96 0.84 0.00	23.31 0.85 0.00	23.23 0.92 0.00	24.79 1.14 0.00	29.10 1.54 0.00	30.77 1.66 -0.02	27.60 1.46 0.00	26.57 1.35 -1.18	24.69 1.26 0.00	23.37 1.05 0.00	23.54 1.18 0.00
ATHENS_STG_2 23670	24.30 1.07 0.00	23.06 0.99 0.00	22.54 0.99 0.00	22.62 1.00 0.00	23.62 1.04 0.00	25.29 1.20 0.00	32.55 1.57 -1.40	40.01 1.69 -7.59	31.08 1.65 0.00	25.13 1.29 0.00	24.59 1.21 0.00	24.17 1.02 0.00	23.22 0.85 0.00	22.96 0.84 0.00	23.31 0.85 0.00	23.23 0.92 0.00	24.79 1.14 0.00	29.10 1.54 0.00	30.77 1.66 -0.02	27.60 1.46 0.00	26.57 1.35 -1.18	24.69 1.26 0.00	23.37 1.05 0.00	23.54 1.18 0.00
ATHENS_STG_3 23677	24.30 1.07 0.00	23.06 0.99 0.00	22.54 0.99 0.00	22.62 1.00 0.00	23.62 1.04 0.00	25.29 1.20 0.00	32.55 1.57 -1.40	40.01 1.69 -7.59	31.08 1.65 0.00	25.13 1.29 0.00	24.59 1.21 0.00	24.17 1.02 0.00	23.22 0.85 0.00	22.96 0.84 0.00	23.31 0.85 0.00	23.23 0.92 0.00	24.79 1.14 0.00	29.10 1.54 0.00	30.77 1.66 -0.02	27.60 1.46 0.00	26.57 1.35 -1.18	24.69 1.26 0.00	23.37 1.05 0.00	23.54 1.18 0.00
AUBURN___LFGE 323710	23.12 -0.12 0.00	21.96 -0.11 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.49 -0.09 0.00	24.11 0.02 0.00	29.95 0.18 -0.18	32.67 0.89 -1.04	30.26 0.79 -0.03	23.72 -0.14 -0.02	23.14 -0.23 0.00	22.80 -0.35 0.00	21.93 -0.45 0.00	21.68 -0.44 0.00	22.01 -0.45 0.00	21.98 -0.33 0.00	23.47 -0.19 0.00	27.61 0.06 0.00	29.18 0.06 -0.03	26.11 -0.05 -0.03	24.09 -0.10 -0.15	23.21 -0.21 0.00	22.01 -0.31 0.00	22.18 -0.18 0.00
BABYLON_RES_REC 323704	35.28 2.30 -9.74	36.49 2.14 -12.28	35.24 2.11 -11.58	31.88 2.10 -8.16	32.77 2.19 -8.01	38.78 2.53 -12.16	41.35 3.40 -8.36	43.14 3.63 -8.77	40.39 3.53 -7.43	33.52 2.69 -6.98	29.93 2.57 -3.98	26.88 2.29 -1.44	24.75 2.08 -0.29	29.72 2.12 -5.48	31.09 2.18 -6.46	31.30 2.28 -6.71	33.50 2.67 -7.17	44.46 3.47 -13.43	48.07 3.75 -15.22	41.97 3.32 -12.52	37.08 3.03 -10.02	33.11 2.79 -6.90	31.60 2.37 -6.91	31.54 2.55 -6.63
BABYLON__69_KV_BK2 356345	35.55 2.58 -9.74	36.77 2.43 -12.28	35.49 2.37 -11.58	32.14 2.36 -8.16	33.04 2.46 -8.00	39.09 2.84 -12.16	41.76 3.82 -8.36	43.57 4.06 -8.77	40.81 3.94 -7.43	33.83 3.00 -6.98	30.18 2.83 -3.98	27.13 2.55 -1.43	24.94 2.30 -0.26	29.96 2.37 -5.47	31.34 2.43 -6.46	31.54 2.52 -6.71	33.83 3.00 -7.17	44.90 3.91 -13.43	48.56 4.25 -15.22	42.39 3.74 -12.52	37.47 3.41 -10.02	33.44 3.12 -6.90	31.91 2.68 -6.91	31.83 2.84 -6.63
BALL_HILL_WT_PWR 323825	22.10 -1.14 0.00	20.95 -1.12 0.00	20.42 -1.12 0.00	20.52 -1.10 0.00	21.36 -1.22 0.00	22.88 -1.20 0.00	27.64 -2.16 -0.21	29.68 -2.24 -1.19	27.48 -1.94 0.01	22.15 -1.69 0.01	21.69 -1.68 0.00	21.30 -1.85 0.00	20.43 -1.95 0.00	20.15 -1.97 0.00	20.44 -2.02 0.00	20.53 -1.79 0.00	22.05 -1.61 0.00	26.35 -1.21 0.00	26.87 -2.21 0.01	24.22 -1.91 0.01	22.18 -2.04 -0.18	21.50 -1.92 0.00	20.49 -1.83 0.00	21.04 -1.32 0.00
BARON_WINDS___WT_PWR 323822	23.58 0.35 0.00	22.36 0.29 0.00	21.85 0.30 0.00	21.93 0.30 0.00	22.89 0.32 0.00	24.59 0.51 0.00	30.37 0.44 -0.34	33.20 0.58 -1.88	30.13 0.68 -0.02	24.22 0.36 -0.02	23.58 0.21 0.00	23.17 0.02 0.00	22.24 -0.13 0.00	21.94 -0.18 0.00	22.30 -0.16 0.00	22.36 0.04 0.00	23.96 0.31 0.00	28.38 0.83 0.00	29.61 0.49 -0.02	26.57 0.42 -0.02	24.45 0.12 -0.29	23.59 0.17 0.00	22.34 0.02 0.00	22.63 0.27 0.00
BARRETT_IC_1 23704	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_10 23701	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_11 23702	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_12 23703	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_2 23705	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_3 23706	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_4 23707	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63

BARRETT_IC_5 23708	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_6 23709	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_7 23710	35.02 2.04 -9.74	36.22 1.88 -12.28	35.00 1.87 -11.58	31.69 1.90 -8.16	32.55 1.96 -8.00	38.47 2.22 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.98	29.69 2.34 -3.98	27.53 2.01 -2.37	27.53 1.83 -3.32	29.52 1.92 -5.47	30.85 1.93 -6.46	31.01 1.99 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.57 3.26 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.40 2.17 -6.91	31.29 2.30 -6.63
BARRETT_IC_8 23711	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT_IC_9 23700	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT___1 23545	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BARRETT___2 23546	35.02 2.05 -9.74	36.22 1.87 -12.28	35.02 1.90 -11.58	31.70 1.90 -8.17	32.55 1.96 -8.01	38.47 2.21 -12.16	40.88 2.93 -8.36	42.68 3.17 -8.77	39.98 3.12 -7.43	33.31 2.48 -6.99	29.72 2.36 -3.99	27.53 2.01 -2.37	27.53 1.83 -3.32	29.53 1.92 -5.48	30.85 1.93 -6.46	31.01 1.98 -6.71	33.17 2.34 -7.17	43.96 2.98 -13.43	47.54 3.23 -15.22	41.50 2.85 -12.52	36.65 2.60 -10.02	32.83 2.51 -6.90	31.33 2.10 -6.91	31.29 2.30 -6.63
BATAVIA__115KV_TB1 55881	22.28 -0.95 0.00	21.17 -0.90 0.00	20.71 -0.84 0.00	20.69 -0.93 0.00	21.56 -1.02 0.00	23.15 -0.94 0.00	28.24 -1.54 -0.19	30.25 -1.54 -1.05	27.95 -1.47 0.02	22.16 -1.67 0.01	21.72 -1.66 0.00	21.28 -1.88 0.00	20.43 -1.95 0.00	20.17 -1.95 0.00	20.50 -1.95 0.00	20.59 -1.72 0.00	22.16 -1.49 0.00	26.43 -1.13 0.00	27.42 -1.66 0.01	24.47 -1.65 0.01	22.66 -1.54 -0.16	21.64 -1.78 0.00	20.51 -1.81 0.00	21.13 -1.23 0.00
BAYONEEC___CTG1 323682	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG10 323750	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG2 323683	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG3 323684	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG4 323685	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG5 323686	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG6 323687	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00

BAYONEEC___CTG7 323688	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG8 323689	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BAYONEEC___CTG9 323749	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.37 2.85 -5.08	30.34 2.22 -4.27	30.38 2.10 -4.90	27.90 1.85 -2.90	26.19 1.72 -2.09	25.45 1.68 -1.65	25.33 1.71 -1.17	26.18 1.79 -2.08	32.09 2.13 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.45 2.64 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.21 1.88 -0.02	24.41 2.06 0.00
BEACON___LESR 323632	24.47 1.23 0.00	23.31 1.24 0.00	22.75 1.21 0.00	22.86 1.23 0.00	23.82 1.24 0.00	25.46 1.37 0.00	32.56 1.42 -1.55	40.56 1.41 -8.41	30.85 1.41 0.00	25.08 1.24 0.00	24.61 1.24 0.00	24.15 0.99 0.00	22.93 0.56 0.00	22.69 0.57 0.00	23.04 0.58 0.00	22.98 0.67 0.00	24.65 0.99 0.00	28.96 1.40 0.00	30.59 1.48 0.00	27.55 1.41 0.00	26.66 1.30 -1.32	24.78 1.36 0.00	23.44 1.12 0.00	23.52 1.16 0.00
BEAVER RIVER___HYD 24048	23.14 -0.09 0.00	21.96 -0.11 0.00	21.44 -0.11 0.00	21.50 -0.13 0.00	22.51 -0.07 0.00	24.04 -0.05 0.00	29.73 0.09 -0.06	31.29 0.24 -0.31	29.49 0.06 0.00	23.68 -0.17 0.00	23.16 -0.21 0.00	22.90 -0.25 0.00	22.11 -0.27 0.00	21.88 -0.24 0.00	22.21 -0.25 0.00	22.16 -0.16 0.00	23.56 -0.09 0.00	27.53 -0.03 0.00	29.00 -0.09 0.00	25.95 -0.18 0.00	23.52 -0.24 0.28	23.09 -0.33 0.00	22.06 -0.27 0.00	22.09 -0.27 0.00
BEEBEE_GT_13 23619	22.38 -0.86 0.00	21.25 -0.82 0.00	20.77 -0.78 0.00	20.78 -0.84 0.00	21.70 -0.88 0.00	23.24 -0.84 0.00	28.70 -1.07 -0.17	30.68 -1.01 -0.96	28.32 -1.09 0.02	22.54 -1.29 0.01	22.09 -1.29 0.00	21.72 -1.44 0.00	20.87 -1.50 0.00	20.62 -1.50 0.00	20.95 -1.50 0.00	20.97 -1.34 0.00	22.47 -1.18 0.00	26.62 -0.94 0.00	27.88 -1.19 0.02	24.86 -1.25 0.02	23.13 -1.06 -0.15	22.06 -1.36 0.00	20.94 -1.38 0.00	21.38 -0.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.33 2.09 0.00	23.97 1.90 0.00	23.40 1.85 0.00	23.48 1.86 0.00	24.52 1.94 0.00	26.35 2.26 0.00	33.91 3.05 -1.28	40.89 3.29 -6.86	52.97 3.27 -20.27	30.64 2.48 -4.32	30.67 2.34 -4.96	28.19 2.11 -2.93	26.41 1.92 -2.12	25.69 1.90 -1.67	25.57 1.93 -1.18	26.45 2.03 -2.11	32.40 2.37 -6.38	52.96 3.11 -22.29	53.00 3.40 -20.51	49.00 2.98 -19.89	30.57 2.72 -3.82	27.68 2.58 -1.68	24.57 2.23 -0.02	24.75 2.39 0.00
BETHLEHEM___GRP 23843	24.02 0.79 0.00	22.91 0.84 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.41 0.84 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.18 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.34 0.91 0.00	23.08 0.76 0.00	23.16 0.80 0.00
BETHLEHEM___GS1 323560	24.03 0.79 0.00	22.93 0.86 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.39 0.81 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.17 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.31 0.89 0.00	23.06 0.74 0.00	23.16 0.80 0.00
BETHLEHEM___GS2 323561	24.03 0.79 0.00	22.93 0.86 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.39 0.81 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.17 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.31 0.89 0.00	23.06 0.74 0.00	23.16 0.80 0.00
BETHLEHEM___GS3 323562	24.03 0.79 0.00	22.93 0.86 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.39 0.81 0.00	24.98 0.89 0.00	31.85 0.71 -1.55	39.81 0.65 -8.42	30.17 0.74 0.00	24.63 0.79 0.00	24.22 0.84 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.68 0.22 0.00	22.60 0.29 0.00	24.17 0.52 0.00	28.36 0.80 0.00	29.95 0.84 -0.02	26.97 0.84 0.00	26.13 0.77 -1.32	24.31 0.89 0.00	23.06 0.74 0.00	23.16 0.80 0.00
BETHLEHEM___STEEL 23779	21.93 -1.30 0.00	20.83 -1.24 0.00	20.38 -1.16 0.00	20.37 -1.25 0.00	21.20 -1.38 0.00	22.71 -1.37 0.00	27.37 -2.43 -0.21	29.37 -2.52 -1.15	27.36 -2.06 0.01	21.86 -1.98 0.01	21.43 -1.94 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.28 -2.03 0.00	21.81 -1.85 0.00	26.04 -1.52 0.00	26.76 -2.33 0.01	24.01 -2.12 0.01	21.98 -2.24 -0.18	21.29 -2.13 0.00	20.22 -2.10 0.00	20.88 -1.48 0.00
BETHLHEM_115KV_TB1 79974	24.05 0.81 0.00	22.93 0.86 0.00	22.39 0.84 0.00	22.49 0.86 0.00	23.44 0.86 0.00	25.00 0.92 0.00	31.88 0.74 -1.55	39.84 0.68 -8.42	30.20 0.77 0.00	24.66 0.81 0.00	24.24 0.86 0.00	23.75 0.60 0.00	22.60 0.22 0.00	22.36 0.24 0.00	22.70 0.25 0.00	22.62 0.31 0.00	24.20 0.54 0.00	28.39 0.83 0.00	29.98 0.87 -0.02	27.00 0.86 0.00	26.16 0.79 -1.32	24.36 0.94 0.00	23.10 0.78 0.00	23.19 0.83 0.00
BETHPAGE_CC_5 323564	35.16 2.18 -9.74	36.37 2.03 -12.28	35.15 2.02 -11.58	31.80 2.01 -8.16	32.62 2.03 -8.01	38.64 2.39 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.22 3.35 -7.43	33.40 2.58 -6.98	29.86 2.50 -3.98	26.84 2.22 -1.47	24.78 2.01 -0.39	29.65 2.06 -5.48	31.01 2.09 -6.46	31.19 2.16 -6.71	33.33 2.51 -7.17	44.26 3.28 -13.43	47.83 3.52 -15.22	41.76 3.11 -12.52	36.89 2.84 -10.02	32.97 2.65 -6.90	31.49 2.25 -6.91	31.45 2.46 -6.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.98 -1.25 0.00	20.88 -1.19 0.00	20.45 -1.10 0.00	20.44 -1.19 0.00	21.27 -1.31 0.00	22.79 -1.30 0.00	27.34 -2.46 -0.21	29.39 -2.52 -1.17	27.42 -2.00 0.01	21.95 -1.88 0.01	21.53 -1.85 0.00	21.14 -2.01 0.00	20.27 -2.10 0.00	20.00 -2.12 0.00	20.28 -2.18 0.00	20.35 -1.96 0.00	21.90 -1.75 0.00	26.15 -1.41 0.00	26.81 -2.27 0.01	24.09 -2.04 0.01	21.98 -2.24 -0.18	21.36 -2.06 0.00	20.27 -2.05 0.00	20.93 -1.43 0.00

BINGHAMTON___COGEN 23790	23.58 0.35 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.93 0.30 0.00	22.92 0.34 0.00	24.55 0.46 0.00	30.56 0.53 -0.44	33.89 0.71 -2.45	30.18 0.74 -0.01	24.26 0.41 -0.01	23.66 0.28 0.00	23.29 0.14 0.00	22.40 0.02 0.00	22.12 0.00 0.00	22.48 0.02 0.00	22.44 0.13 0.00	24.01 0.35 0.00	28.27 0.72 0.00	29.75 0.64 -0.02	26.67 0.52 -0.01	24.78 0.36 -0.38	23.77 0.35 0.00	22.52 0.20 0.00	22.74 0.38 0.00
BIXINCNT_115KV_LOAD 355685	21.89 -1.35 0.00	20.72 -1.35 0.00	20.30 -1.25 0.00	20.33 -1.30 0.00	21.16 -1.42 0.00	22.71 -1.37 0.00	27.09 -2.72 -0.22	29.19 -2.80 -1.25	27.39 -2.03 0.01	22.05 -1.79 0.01	21.74 -1.64 0.00	21.30 -1.85 0.00	20.43 -1.95 0.00	20.15 -1.97 0.00	20.41 -2.04 0.00	20.53 -1.78 0.00	22.09 -1.56 0.00	26.43 -1.13 0.00	26.82 -2.27 0.00	24.06 -2.06 0.01	21.66 -2.57 -0.19	21.17 -2.25 0.00	20.09 -2.23 0.00	20.82 -1.54 0.00
BLACK RIVER___HYD 24047	23.35 0.12 0.00	22.16 0.09 0.00	21.63 0.09 0.00	21.67 0.04 0.00	22.76 0.18 0.00	24.33 0.24 0.00	30.14 0.47 -0.08	31.90 0.74 -0.43	29.84 0.41 0.00	23.89 0.05 0.00	23.33 -0.05 0.00	22.96 -0.19 0.00	22.13 -0.25 0.00	21.90 -0.22 0.00	22.26 -0.20 0.00	22.27 -0.04 0.00	23.77 0.12 0.00	27.92 0.36 0.00	29.50 0.41 0.00	26.34 0.21 0.00	24.00 0.12 0.16	23.40 -0.02 0.00	22.26 -0.07 0.00	22.31 -0.04 0.00
BLACKRVR_115KV_TB2 79977	23.35 0.12 0.00	22.16 0.09 0.00	21.63 0.09 0.00	21.67 0.04 0.00	22.74 0.16 0.00	24.33 0.24 0.00	30.14 0.47 -0.08	31.90 0.74 -0.43	29.85 0.41 0.00	23.89 0.05 0.00	23.33 -0.05 0.00	22.97 -0.19 0.00	22.13 -0.25 0.00	21.90 -0.22 0.00	22.26 -0.20 0.00	22.27 -0.04 0.00	23.77 0.12 0.00	27.92 0.36 0.00	29.50 0.41 0.00	26.34 0.21 0.00	24.00 0.12 0.16	23.40 -0.02 0.00	22.26 -0.07 0.00	22.31 -0.04 0.00
BLISS_WT_PWR 323608	21.75 -1.49 0.00	20.59 -1.48 0.00	20.12 -1.42 0.00	20.20 -1.43 0.00	21.02 -1.56 0.00	22.57 -1.52 0.00	26.94 -2.87 -0.22	29.03 -2.95 -1.25	27.01 -2.41 0.01	21.98 -1.86 0.01	21.69 -1.68 0.00	21.23 -1.92 0.00	20.36 -2.01 0.00	20.11 -2.01 0.00	20.37 -2.09 0.00	20.53 -1.79 0.00	22.05 -1.61 0.00	26.35 -1.21 0.00	26.50 -2.59 0.00	23.93 -2.20 0.01	21.52 -2.72 -0.19	21.01 -2.41 0.00	20.04 -2.28 0.00	20.66 -1.70 0.00
BLUESTONE___WT_PWR 323821	25.12 1.88 0.00	23.81 1.74 0.00	23.25 1.70 0.00	23.31 1.69 0.00	24.50 1.92 0.00	26.28 2.19 0.00	32.89 2.84 -0.47	36.58 3.26 -2.58	32.27 2.83 -0.01	25.71 1.86 -0.01	24.99 1.61 0.00	24.52 1.37 0.00	23.54 1.16 0.00	23.25 1.13 0.00	23.62 1.17 0.00	23.69 1.38 0.00	25.52 1.87 0.00	30.18 2.62 0.00	31.93 2.82 -0.02	28.50 2.35 -0.01	26.46 2.02 -0.40	25.27 1.85 0.00	23.88 1.56 0.00	24.08 1.72 0.00
BLUE_CIRC_CHEM_DRP 24182	24.26 1.02 0.00	23.06 0.99 0.00	22.52 0.97 0.00	22.62 0.99 0.00	23.59 1.02 0.00	25.22 1.13 0.00	32.39 1.27 -1.53	40.31 1.29 -8.28	30.70 1.27 0.00	24.85 1.00 0.00	24.33 0.96 0.00	23.94 0.79 0.00	22.89 0.51 0.00	22.65 0.53 0.00	23.00 0.54 0.00	22.91 0.60 0.00	24.48 0.83 0.00	28.66 1.10 0.00	30.27 1.16 -0.02	27.23 1.10 0.00	26.32 0.99 -1.30	24.43 1.01 0.00	23.19 0.87 0.00	23.30 0.94 0.00
BOC_GAS_DRP 24189	24.07 0.84 0.00	22.86 0.79 0.00	22.32 0.78 0.00	22.40 0.78 0.00	23.39 0.81 0.00	25.00 0.92 0.00	32.29 1.15 -1.54	40.31 1.20 -8.38	30.64 1.21 0.00	24.80 0.95 0.00	24.26 0.89 0.00	23.89 0.74 0.00	22.89 0.51 0.00	22.63 0.51 0.00	22.97 0.52 0.00	22.87 0.56 0.00	24.41 0.76 0.00	28.55 0.99 0.00	30.19 1.08 -0.02	27.10 0.97 0.00	26.22 0.87 -1.31	24.29 0.87 0.00	23.06 0.74 0.00	23.16 0.80 0.00
BOONVILLE_115KV_TB1 79983	23.79 0.56 0.00	22.60 0.53 0.00	22.06 0.52 0.00	22.12 0.50 0.00	23.19 0.61 0.00	24.81 0.72 0.00	30.64 1.01 -0.05	32.20 1.20 -0.27	30.43 1.00 0.00	24.46 0.62 0.00	23.91 0.54 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.79 0.34 0.00	22.73 0.42 0.00	24.25 0.59 0.00	28.39 0.83 0.00	29.93 0.84 0.00	26.79 0.65 0.00	24.55 0.55 0.04	23.89 0.47 0.00	22.75 0.42 0.00	22.83 0.47 0.00
BORALEX_4TH_BRANCH 23824	24.75 1.51 0.00	23.48 1.41 0.00	22.92 1.38 0.00	23.01 1.38 0.00	24.02 1.44 0.00	25.75 1.66 0.00	33.24 2.10 -1.55	41.33 2.18 -8.41	31.61 2.18 0.00	25.56 1.72 0.00	25.01 1.64 0.00	24.49 1.34 0.00	23.87 1.50 0.00	23.58 1.46 0.00	23.94 1.48 0.00	23.87 1.56 0.00	25.52 1.87 0.00	30.04 2.48 0.00	31.79 2.68 -0.02	28.51 2.38 0.00	27.51 2.16 -1.31	25.46 2.04 0.00	24.15 1.83 0.00	24.33 1.97 0.00
BOWLINE___1 23526	24.72 1.49 0.00	23.42 1.35 0.00	22.90 1.36 0.00	22.99 1.36 0.00	23.98 1.40 0.00	25.75 1.66 0.00	33.09 2.28 -1.22	39.85 2.46 -6.65	31.87 2.44 0.00	25.71 1.86 0.00	25.13 1.75 0.00	24.65 1.50 0.00	23.74 1.36 0.00	23.47 1.35 0.00	23.83 1.37 0.00	23.76 1.45 0.00	25.41 1.75 0.00	30.05 2.34 -0.15	31.94 2.56 -0.29	28.49 2.22 -0.13	27.13 2.04 -1.05	25.34 1.92 0.00	23.88 1.56 0.00	24.10 1.75 0.00
BOWLINE___2 23595	24.72 1.49 0.00	23.42 1.35 0.00	22.90 1.36 0.00	22.99 1.36 0.00	23.98 1.40 0.00	25.75 1.66 0.00	33.09 2.28 -1.23	39.85 2.46 -6.65	31.87 2.44 0.00	25.71 1.86 0.00	25.13 1.75 0.00	24.65 1.50 0.00	23.76 1.39 0.00	23.47 1.35 0.00	23.83 1.37 0.00	23.76 1.45 0.00	25.41 1.75 0.00	30.05 2.34 -0.15	31.94 2.56 -0.29	28.49 2.22 -0.13	27.13 2.04 -1.05	25.34 1.92 0.00	23.88 1.56 0.00	24.10 1.75 0.00
BRADY___115KV_TB2 356060	23.05 -0.19 0.00	21.85 -0.22 0.00	21.33 -0.22 0.00	21.41 -0.22 0.00	22.37 -0.20 0.00	23.70 -0.39 0.00	29.06 -0.53 0.00	30.18 -0.55 0.00	28.79 -0.65 0.00	23.44 -0.41 0.00	23.09 -0.28 0.00	23.13 -0.02 0.00	22.55 0.18 0.00	22.30 0.18 0.00	22.66 0.20 0.00	22.36 0.04 0.00	23.42 -0.24 0.00	26.95 -0.61 0.00	28.45 -0.64 0.00	25.59 -0.55 0.00	22.44 -0.53 1.07	22.95 -0.47 0.01	22.03 -0.29 0.00	21.88 -0.47 0.01
BRANSCOMB___SOLAR 323811	24.40 1.16 0.00	23.19 1.12 0.00	22.62 1.08 0.00	22.73 1.10 0.00	23.71 1.13 0.00	25.41 1.32 0.00	32.84 1.66 -1.60	41.06 1.66 -8.66	30.93 1.50 0.00	24.97 1.12 0.00	24.45 1.08 0.00	24.05 0.90 0.00	23.02 0.65 0.00	22.76 0.64 0.00	23.11 0.65 0.00	23.02 0.71 0.00	24.77 1.11 0.00	29.18 1.63 0.00	30.89 1.77 -0.02	27.76 1.62 0.00	26.89 1.49 -1.36	24.76 1.33 0.00	23.64 1.32 0.00	23.77 1.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.46 2.49 -9.74	36.68 2.34 -12.28	35.41 2.28 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.00	39.00 2.75 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.66 3.80 -7.43	33.69 2.86 -6.98	30.07 2.71 -3.98	26.98 2.43 -1.40	24.73 2.19 -0.17	29.85 2.26 -5.47	31.23 2.31 -6.46	31.45 2.43 -6.71	33.71 2.89 -7.17	44.73 3.75 -13.43	48.36 4.04 -15.22	42.21 3.55 -12.52	37.33 3.27 -10.02	33.32 3.00 -6.90	31.82 2.59 -6.91	31.74 2.75 -6.63



BRISTLHL_115KV_TB1 79998	22.61 -0.63 0.00	21.50 -0.57 0.00	20.99 -0.56 0.00	21.06 -0.56 0.00	21.99 -0.59 0.00	23.51 -0.58 0.00	29.12 -0.59 -0.12	30.78 -0.61 -0.66	28.79 -0.65 0.00	23.18 -0.67 0.00	22.65 -0.72 0.00	22.34 -0.81 0.00	21.50 -0.87 0.00	21.26 -0.86 0.00	21.58 -0.88 0.00	21.55 -0.76 0.00	22.97 -0.69 0.00	26.95 -0.61 0.00	28.45 -0.64 0.00	25.48 -0.65 0.00	23.54 -0.60 -0.10	22.74 -0.68 0.00	21.61 -0.71 0.00	21.76 -0.60 0.00
BROOKHAVEN___DRP 24191	35.44 2.46 -9.74	36.66 2.32 -12.28	35.39 2.26 -11.58	32.04 2.25 -8.16	32.95 2.37 -8.00	39.00 2.75 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.63 3.77 -7.43	33.66 2.84 -6.98	30.02 2.66 -3.98	26.93 2.38 -1.39	24.64 2.13 -0.14	29.78 2.19 -5.47	31.16 2.25 -6.46	31.39 2.36 -6.71	33.66 2.84 -7.17	44.76 3.78 -13.43	48.39 4.07 -15.22	42.23 3.58 -12.52	37.33 3.27 -10.02	33.30 2.97 -6.90	31.78 2.54 -6.91	31.72 2.73 -6.63
BROOKLYN_NAVY_YARD 23515	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.94 -5.08	30.38 2.27 -4.27	30.43 2.15 -4.90	27.95 1.90 -2.90	26.23 1.77 -2.09	25.47 1.70 -1.65	25.36 1.73 -1.17	26.22 1.83 -2.08	32.14 2.17 -6.31	52.45 2.84 -22.05	41.73 3.08 -9.55	48.50 2.69 -19.67	30.30 2.48 -3.79	27.38 2.30 -1.66	24.23 1.90 -0.02	24.44 2.08 0.00
BROOKLYN___ARMY_DRP 323595	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
BROOKVLE_69_KV_TB1 55790	35.23 2.25 -9.74	36.44 2.10 -12.28	35.17 2.05 -11.58	31.84 2.05 -8.16	32.71 2.12 -8.00	38.73 2.48 -12.16	41.26 3.31 -8.36	43.05 3.53 -8.77	40.39 3.53 -7.43	33.54 2.72 -6.98	29.95 2.59 -3.98	27.04 2.34 -1.55	25.15 2.13 -0.65	29.72 2.12 -5.47	31.07 2.16 -6.46	31.21 2.19 -6.71	33.40 2.58 -7.17	44.35 3.36 -13.43	47.89 3.58 -15.22	41.76 3.11 -12.52	36.89 2.84 -10.02	33.06 2.74 -6.90	31.60 2.37 -6.91	31.49 2.50 -6.63
BROOME_2_LFGE 323671	23.58 0.35 0.00	22.38 0.31 0.00	21.85 0.30 0.00	21.93 0.30 0.00	22.92 0.34 0.00	24.54 0.46 0.00	30.56 0.53 -0.44	33.89 0.71 -2.45	30.12 0.68 -0.01	24.26 0.40 -0.01	23.68 0.30 0.00	23.29 0.14 0.00	22.40 0.02 0.00	22.12 0.00 0.00	22.48 0.02 0.00	22.47 0.16 0.00	23.99 0.33 0.00	28.27 0.72 0.00	29.72 0.61 -0.02	26.67 0.52 -0.01	24.78 0.36 -0.38	23.75 0.33 0.00	22.55 0.22 0.00	22.74 0.38 0.00
BROOME___LFGE 323600	23.58 0.35 0.00	22.38 0.31 0.00	21.85 0.30 0.00	21.93 0.30 0.00	22.92 0.34 0.00	24.54 0.46 0.00	30.56 0.53 -0.44	33.89 0.71 -2.45	30.12 0.68 -0.01	24.26 0.40 -0.01	23.68 0.30 0.00	23.29 0.14 0.00	22.40 0.02 0.00	22.12 0.00 0.00	22.48 0.02 0.00	22.47 0.16 0.00	23.99 0.33 0.00	28.27 0.72 0.00	29.72 0.61 -0.02	26.67 0.52 -0.01	24.78 0.36 -0.38	23.75 0.33 0.00	22.55 0.22 0.00	22.74 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	22.86 -0.37 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.17 -0.41 0.00	23.56 -0.53 0.00	29.07 -0.56 -0.04	30.46 -0.49 -0.21	28.81 -0.62 0.00	23.27 -0.57 0.00	22.88 -0.49 0.00	22.76 -0.39 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.00 -0.31 0.00	23.18 -0.47 0.00	26.92 -0.63 0.00	28.39 -0.70 0.00	25.43 -0.71 0.00	22.78 -0.67 0.59	22.72 -0.70 0.00	21.76 -0.56 0.00	21.75 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	25.23 2.00 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.43 1.85 0.00	26.30 2.22 0.00	33.88 3.02 -1.28	40.83 3.23 -6.86	37.76 3.24 -5.08	30.60 2.48 -4.27	30.62 2.34 -4.90	28.15 2.11 -2.90	26.41 1.95 -2.09	25.67 1.90 -1.65	25.56 1.93 -1.17	26.42 2.03 -2.08	32.35 2.39 -6.31	52.72 3.11 -22.05	42.02 3.37 -9.55	48.76 2.95 -19.67	30.52 2.69 -3.79	27.62 2.53 -1.66	24.50 2.17 -0.02	24.66 2.30 0.00
BURROWS___LYONSDAL 23803	23.65 0.42 0.00	22.47 0.40 0.00	21.93 0.39 0.00	21.99 0.37 0.00	23.03 0.45 0.00	24.64 0.55 0.00	30.44 0.80 -0.05	32.00 0.98 -0.27	30.26 0.82 0.00	24.30 0.45 0.00	23.75 0.37 0.00	23.43 0.28 0.00	22.57 0.20 0.00	22.32 0.20 0.00	22.68 0.22 0.00	22.62 0.31 0.00	24.10 0.45 0.00	28.19 0.63 0.00	29.73 0.64 0.00	26.61 0.47 0.00	24.34 0.38 0.09	23.70 0.28 0.00	22.59 0.27 0.00	22.67 0.31 0.00
CAITHNESS_CC_1 323624	35.39 2.42 -9.74	36.60 2.25 -12.28	35.34 2.22 -11.58	31.99 2.21 -8.16	32.89 2.30 -8.01	38.93 2.67 -12.16	41.53 3.58 -8.36	43.32 3.81 -8.77	40.51 3.65 -7.43	33.61 2.79 -6.98	29.97 2.62 -3.98	26.88 2.34 -1.39	24.59 2.08 -0.14	29.74 2.14 -5.47	31.12 2.20 -6.46	31.32 2.30 -6.71	33.59 2.77 -7.17	44.65 3.67 -13.43	48.27 3.96 -15.22	42.16 3.50 -12.52	37.25 3.20 -10.02	33.20 2.88 -6.90	31.69 2.46 -6.91	31.65 2.66 -6.63
CALPINE BETH_PAGE_GT4 24209	35.11 2.14 -9.74	36.33 1.99 -12.28	35.08 1.96 -11.58	31.73 1.95 -8.16	32.52 1.94 -8.00	38.52 2.26 -12.16	41.00 3.05 -8.36	42.77 3.26 -8.77	40.10 3.24 -7.43	33.31 2.48 -6.98	29.79 2.43 -3.98	26.83 2.18 -1.50	24.87 1.99 -0.50	29.61 2.01 -5.47	30.96 2.04 -6.46	31.14 2.12 -6.71	33.24 2.41 -7.17	44.15 3.17 -13.43	47.75 3.43 -15.22	41.66 3.01 -12.52	36.80 2.74 -10.02	32.88 2.55 -6.90	31.49 2.25 -6.91	31.38 2.39 -6.63
CALPINE_BETH_PAGE_GT_4 323586	35.11 2.14 -9.74	36.33 1.99 -12.28	35.08 1.96 -11.58	31.73 1.95 -8.16	32.53 1.94 -8.01	38.52 2.26 -12.16	41.00 3.05 -8.36	42.77 3.26 -8.77	40.10 3.24 -7.43	33.31 2.48 -6.98	29.81 2.45 -3.98	26.83 2.18 -1.50	24.86 1.99 -0.50	29.61 2.01 -5.48	30.96 2.04 -6.46	31.14 2.12 -6.71	33.24 2.41 -7.17	44.15 3.17 -13.43	47.72 3.40 -15.22	41.66 3.00 -12.52	36.80 2.74 -10.02	32.85 2.53 -6.90	31.44 2.21 -6.91	31.38 2.39 -6.63
CALPINE_BP_GT1 23823	35.11 2.14 -9.74	36.33 1.99 -12.28	35.08 1.96 -11.58	31.73 1.95 -8.16	32.53 1.94 -8.01	38.52 2.26 -12.16	41.00 3.05 -8.36	42.77 3.26 -8.77	40.10 3.24 -7.43	33.31 2.48 -6.98	29.81 2.45 -3.98	26.83 2.18 -1.50	24.86 1.99 -0.50	29.61 2.01 -5.48	30.96 2.04 -6.46	31.14 2.12 -6.71	33.24 2.41 -7.17	44.15 3.17 -13.43	47.72 3.40 -15.22	41.66 3.00 -12.52	36.80 2.74 -10.02	32.85 2.53 -6.90	31.44 2.21 -6.91	31.38 2.39 -6.63
CALSPAN___DRP 24200	21.93 -1.30 0.00	20.83 -1.24 0.00	20.38 -1.16 0.00	20.37 -1.25 0.00	21.20 -1.38 0.00	22.71 -1.37 0.00	27.37 -2.43 -0.21	29.37 -2.52 -1.15	27.36 -2.06 0.01	21.86 -1.98 0.01	21.43 -1.94 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.28 -2.03 0.00	21.81 -1.85 0.00	26.04 -1.52 0.00	26.76 -2.33 0.01	24.01 -2.12 0.01	21.98 -2.24 -0.18	21.29 -2.13 0.00	20.22 -2.10 0.00	20.88 -1.48 0.00

CALVERTON___SOLAR 323806	35.53 2.56 -9.74	36.75 2.41 -12.28	35.47 2.35 -11.58	32.10 2.31 -8.16	33.02 2.44 -8.01	39.09 2.84 -12.16	41.74 3.79 -8.36	43.54 4.03 -8.77	40.72 3.85 -7.43	33.76 2.93 -6.98	30.11 2.76 -3.98	26.99 2.45 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.45 2.43 -6.71	33.76 2.93 -7.17	44.87 3.89 -13.43	48.50 4.19 -15.22	42.36 3.71 -12.52	37.42 3.37 -10.02	33.37 3.04 -6.90	31.82 2.59 -6.91	31.79 2.79 -6.63
CANDIGU_WT_PWR 323617	23.58 0.35 0.00	22.36 0.29 0.00	21.85 0.30 0.00	21.93 0.30 0.00	22.89 0.32 0.00	24.59 0.51 0.00	30.37 0.44 -0.34	33.20 0.58 -1.88	30.13 0.68 -0.02	24.22 0.36 -0.02	23.58 0.21 0.00	23.17 0.02 0.00	22.24 -0.13 0.00	21.94 -0.18 0.00	22.30 -0.16 0.00	22.36 0.04 0.00	23.96 0.31 0.00	28.38 0.83 0.00	29.61 0.49 -0.02	26.57 0.42 -0.02	24.45 0.12 -0.29	23.59 0.17 0.00	22.34 0.02 0.00	22.63 0.27 0.00
CARR STREET_E_SYR 24060	22.79 -0.44 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.19 -0.38 0.00	23.73 -0.36 0.00	29.37 -0.35 -0.14	31.39 -0.15 -0.80	29.24 -0.20 -0.01	23.46 -0.38 0.00	22.93 -0.44 0.00	22.60 -0.56 0.00	21.75 -0.63 0.00	21.48 -0.64 0.00	21.81 -0.65 0.00	21.78 -0.54 0.00	23.23 -0.43 0.00	27.28 -0.28 0.00	28.74 -0.35 0.00	25.77 -0.37 0.00	23.82 -0.34 -0.12	22.98 -0.45 0.00	21.85 -0.47 0.00	22.00 -0.36 0.00
CARTHAGE___PAPER 23857	23.17 -0.07 0.00	21.98 -0.09 0.00	21.44 -0.11 0.00	21.50 -0.13 0.00	22.53 -0.05 0.00	24.09 0.00 0.00	29.84 0.18 -0.07	31.49 0.37 -0.38	29.55 0.12 0.00	23.73 -0.12 0.00	23.19 -0.19 0.00	22.90 -0.25 0.00	22.11 -0.27 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	22.20 -0.11 0.00	23.63 -0.02 0.00	27.67 0.11 0.00	29.18 0.09 0.00	26.08 -0.05 0.00	23.71 -0.12 0.21	23.19 -0.23 0.00	22.12 -0.20 0.00	22.13 -0.22 0.00
CASSADAGA_WT_PWR 323784	22.14 -1.09 0.00	20.88 -1.19 0.00	20.36 -1.18 0.00	20.59 -1.04 0.00	21.31 -1.26 0.00	22.93 -1.16 0.00	27.74 -2.07 -0.22	29.80 -2.18 -1.24	27.57 -1.85 0.01	22.31 -1.53 0.01	21.86 -1.52 0.00	21.44 -1.71 0.00	20.54 -1.83 0.00	20.22 -1.90 0.00	20.50 -1.95 0.00	20.64 -1.67 0.00	22.17 -1.49 0.00	26.43 -1.13 0.00	26.82 -2.27 0.00	24.14 -1.99 0.01	21.95 -2.28 -0.19	21.38 -2.04 0.00	20.29 -2.03 0.00	20.99 -1.36 0.00
CE_DUNWOOD___DRP 24194	24.86 1.63 0.00	23.57 1.50 0.00	23.03 1.49 0.00	23.12 1.49 0.00	24.11 1.54 0.00	25.92 1.83 0.00	33.33 2.49 -1.26	40.24 2.67 -6.83	32.11 2.68 0.00	25.90 2.05 0.00	25.29 1.92 0.00	24.84 1.69 0.00	23.92 1.54 0.00	23.65 1.53 0.00	24.01 1.55 0.00	23.94 1.63 0.00	25.59 1.94 0.00	30.34 2.56 -0.22	32.32 2.79 -0.43	28.77 2.43 -0.20	27.36 2.24 -1.08	25.51 2.08 0.00	24.09 1.76 0.00	24.26 1.90 0.00
CE_MILLWOOD___DRP 24193	24.81 1.58 0.00	23.53 1.46 0.00	22.99 1.44 0.00	23.07 1.45 0.00	24.07 1.49 0.00	25.87 1.78 0.00	33.27 2.43 -1.25	40.12 2.58 -6.80	32.05 2.62 0.00	25.82 1.98 0.00	25.24 1.87 0.00	24.77 1.62 0.00	23.87 1.50 0.00	23.58 1.46 0.00	23.94 1.48 0.00	23.87 1.56 0.00	25.55 1.89 0.00	30.23 2.48 -0.19	32.20 2.73 -0.37	28.69 2.38 -0.17	27.28 2.16 -1.08	25.46 2.04 0.00	24.04 1.72 0.00	24.19 1.83 0.00
CE_NYC2_DRP 24202	25.12 1.88 0.00	23.79 1.72 0.00	23.25 1.70 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.86	52.74 3.03 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.25 2.22 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.36 2.50 -3.82	27.47 2.37 -1.68	24.39 2.05 -0.02	24.53 2.17 0.00
CE_NYC_DRP 24195	25.00 1.77 0.00	23.68 1.61 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.45 2.94 -5.07	30.35 2.24 -4.26	30.40 2.13 -4.89	27.92 1.88 -2.89	26.21 1.75 -2.09	25.47 1.70 -1.65	25.35 1.73 -1.17	26.20 1.81 -2.08	32.10 2.15 -6.29	52.37 2.81 -22.00	41.68 3.05 -9.53	48.43 2.67 -19.63	30.25 2.43 -3.78	27.38 2.30 -1.66	24.28 1.94 -0.02	24.44 2.08 0.00
CHAFFEE___LFGE 323603	21.98 -1.26 0.00	20.88 -1.19 0.00	20.36 -1.18 0.00	20.41 -1.21 0.00	21.25 -1.33 0.00	22.76 -1.32 0.00	27.38 -2.43 -0.21	29.54 -2.40 -1.20	27.33 -2.09 0.01	21.93 -1.91 0.01	21.50 -1.87 0.00	21.11 -2.04 0.00	20.25 -2.13 0.00	19.97 -2.15 0.00	20.26 -2.20 0.00	20.37 -1.94 0.00	21.88 -1.77 0.00	26.15 -1.40 0.00	26.61 -2.47 0.01	24.09 -2.04 0.01	22.01 -2.21 -0.18	21.36 -2.06 0.00	20.40 -1.92 0.00	20.93 -1.43 0.00
CHATEAUG_35_KV_LOAD 355732	23.10 -0.14 0.00	21.83 -0.24 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.53 -0.55 0.00	28.82 -0.77 0.00	29.88 -0.86 0.00	28.61 -0.82 0.00	23.44 -0.41 0.00	23.21 -0.16 0.00	23.24 0.09 0.00	22.62 0.25 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.49 0.18 0.00	23.54 -0.12 0.00	27.09 -0.47 0.00	28.30 -0.79 0.00	25.27 -0.86 0.00	21.93 -0.96 1.15	22.48 -0.94 0.01	21.52 -0.80 0.00	21.37 -0.98 0.01
CHATEAUG_WT_PWR 323614	23.05 -0.19 0.00	21.76 -0.31 0.00	21.14 -0.41 0.00	21.21 -0.41 0.00	22.15 -0.43 0.00	23.49 -0.60 0.00	28.76 -0.83 0.00	29.82 -0.92 0.00	28.61 -0.82 0.00	23.42 -0.43 0.00	23.19 -0.19 0.00	23.20 0.05 0.00	22.57 0.20 0.00	22.32 0.20 0.00	22.66 0.20 0.00	22.42 0.11 0.00	23.49 -0.16 0.00	27.03 -0.52 0.00	28.31 -0.78 0.00	25.22 -0.92 0.00	21.84 -1.03 1.17	22.41 -1.01 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01
CHAT_HIGH_FALL_HYD 323578	23.10 -0.14 0.00	21.83 -0.24 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.53 -0.55 0.00	28.82 -0.77 0.00	29.88 -0.86 0.00	28.61 -0.82 0.00	23.44 -0.41 0.00	23.21 -0.16 0.00	23.24 0.09 0.00	22.62 0.25 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.49 0.18 0.00	23.54 -0.12 0.00	27.09 -0.47 0.00	28.30 -0.79 0.00	25.27 -0.86 0.00	21.93 -0.96 1.15	22.48 -0.94 0.01	21.52 -0.80 0.00	21.37 -0.98 0.01
CHAUTAUQUA___LFGE 323629	22.21 -1.02 0.00	21.01 -1.06 0.00	20.51 -1.03 0.00	20.65 -0.97 0.00	21.45 -1.13 0.00	23.00 -1.08 0.00	27.82 -1.98 -0.22	29.89 -2.06 -1.21	27.69 -1.74 0.01	22.34 -1.50 0.01	21.88 -1.50 0.00	21.48 -1.67 0.00	20.60 -1.77 0.00	20.31 -1.81 0.00	20.59 -1.86 0.00	20.70 -1.61 0.00	22.26 -1.40 0.00	26.57 -0.99 0.00	27.05 -2.04 0.01	24.35 -1.78 0.01	22.26 -1.97 -0.19	21.60 -1.83 0.00	20.54 -1.79 0.00	21.15 -1.21 0.00
CHERRYST_13_KV_LD 356241	25.07 1.84 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.27 1.64 0.00	24.29 1.72 0.00	26.14 2.05 0.00	33.68 2.81 -1.28	40.61 3.01 -6.86	37.54 3.03 -5.07	30.44 2.34 -4.26	30.49 2.22 -4.89	28.01 1.97 -2.89	26.27 1.81 -2.09	25.56 1.79 -1.65	25.44 1.82 -1.17	26.29 1.90 -2.08	32.19 2.25 -6.29	52.45 2.89 -22.00	41.77 3.14 -9.53	48.51 2.74 -19.63	30.32 2.50 -3.78	27.43 2.34 -1.66	24.35 2.01 -0.02	24.51 2.15 0.00

CHESTROR_138KV_BK263 355645	24.56 1.32 0.00	23.28 1.21 0.00	22.73 1.19 0.00	22.84 1.21 0.00	23.82 1.24 0.00	25.58 1.49 0.00	32.78 2.01 -1.18	39.25 2.12 -6.40	31.55 2.12 0.00	25.42 1.57 0.00	24.85 1.47 0.00	24.40 1.25 0.00	23.51 1.14 0.00	23.23 1.11 0.00	23.60 1.15 0.00	23.52 1.20 0.00	25.17 1.51 0.00	29.69 2.04 -0.09	31.51 2.24 -0.18	28.15 1.93 -0.08	26.80 1.75 -1.00	25.09 1.66 0.00	23.71 1.38 0.00	23.86 1.50 0.00
CH_MIDHUDSON___DRP 24192	24.77 1.53 0.00	23.48 1.41 0.00	22.95 1.40 0.00	23.03 1.41 0.00	24.05 1.47 0.00	25.80 1.71 0.00	33.13 2.25 -1.30	40.17 2.40 -7.04	31.82 2.38 0.00	25.61 1.76 0.00	25.03 1.66 0.00	24.56 1.41 0.00	23.67 1.30 0.00	23.40 1.28 0.00	23.76 1.30 0.00	23.67 1.36 0.00	25.36 1.70 0.00	29.85 2.29 0.00	31.61 2.50 -0.02	28.28 2.14 0.00	27.08 1.95 -1.10	25.27 1.85 0.00	23.91 1.58 0.00	24.06 1.70 0.00
CH_MISC_IPPS 23765	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.45 -1.27	40.23 2.58 -6.91	31.96 2.53 0.00	25.68 1.84 0.00	25.13 1.75 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.80 1.35 0.00	23.72 1.41 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.75 2.65 -0.02	28.44 2.30 0.00	27.18 2.07 -1.08	25.34 1.92 0.00	23.93 1.61 0.00	24.15 1.79 0.00
CH_RES_BVR_FALLS 23983	22.56 -0.67 0.00	21.41 -0.66 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.90 -0.68 0.00	23.27 -0.82 0.00	28.55 -1.04 0.00	29.63 -1.11 0.00	28.37 -1.06 0.00	23.11 -0.74 0.00	22.74 -0.63 0.00	22.71 -0.44 0.00	22.06 -0.31 0.00	21.83 -0.29 0.00	22.17 -0.29 0.00	21.95 -0.36 0.00	23.11 -0.54 0.00	26.65 -0.91 0.00	28.07 -1.02 0.00	25.16 -0.97 0.00	21.31 -0.89 1.84	22.59 -0.82 0.01	21.61 -0.72 0.00	21.52 -0.83 0.01
CH_RES_NIAGARA 23895	21.19 -2.04 0.00	20.15 -1.92 0.00	19.63 -1.92 0.00	19.70 -1.92 0.00	20.57 -2.01 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.57 -3.26 -1.09	26.30 -3.12 0.01	20.97 -2.86 0.01	20.62 -2.76 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.52 -2.79 0.00	20.96 -2.70 0.00	25.02 -2.53 0.00	25.71 -3.37 0.01	23.09 -3.03 0.01	21.49 -2.72 -0.17	20.52 -2.91 0.00	19.69 -2.63 0.00	20.17 -2.19 0.00
CH_RES_SYRACUSE 23985	22.96 -0.28 0.00	21.83 -0.24 0.00	21.31 -0.24 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.97 0.37 -0.86	29.74 0.29 -0.02	23.50 -0.36 -0.01	22.95 -0.42 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.81 -0.29 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.90 -0.42 0.00	22.02 -0.33 0.00
CLINTON_WT_PWR 323605	23.05 -0.19 0.00	21.76 -0.31 0.00	21.14 -0.41 0.00	21.21 -0.41 0.00	22.15 -0.43 0.00	23.49 -0.60 0.00	28.76 -0.83 0.00	29.82 -0.92 0.00	28.61 -0.82 0.00	23.42 -0.43 0.00	23.19 -0.19 0.00	23.20 0.05 0.00	22.57 0.20 0.00	22.32 0.20 0.00	22.66 0.20 0.00	22.42 0.11 0.00	23.49 -0.16 0.00	27.03 -0.52 0.00	28.31 -0.78 0.00	25.22 -0.92 0.00	21.84 -1.03 1.17	22.41 -1.01 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01
CLINTON___LFGE 323618	23.38 0.14 0.00	22.07 0.00 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.47 -0.11 0.00	23.85 -0.24 0.00	29.20 -0.39 0.00	30.28 -0.46 0.00	29.05 -0.38 0.00	23.73 -0.12 0.00	23.49 0.12 0.00	23.47 0.32 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.91 0.45 0.00	22.69 0.38 0.00	23.80 0.14 0.00	27.45 -0.11 0.00	28.74 -0.35 0.00	25.58 -0.55 0.00	22.15 -0.72 1.16	22.66 -0.75 0.01	21.70 -0.62 0.00	21.55 -0.80 0.01
COBBLENY_34_KV_TB1 80064	21.98 -1.25 0.00	20.88 -1.19 0.00	20.43 -1.12 0.00	20.41 -1.21 0.00	21.25 -1.33 0.00	22.76 -1.32 0.00	27.38 -2.43 -0.21	29.57 -2.37 -1.20	27.54 -1.88 0.01	21.93 -1.91 0.01	21.50 -1.87 0.00	21.11 -2.04 0.00	20.27 -2.10 0.00	19.97 -2.15 0.00	20.26 -2.20 0.00	20.33 -1.99 0.00	21.88 -1.77 0.00	26.15 -1.41 0.00	26.82 -2.27 0.01	24.09 -2.04 0.01	22.01 -2.21 -0.18	21.36 -2.06 0.00	20.27 -2.05 0.00	20.93 -1.43 0.00
COFFEEN___115KV_TB3 355620	23.54 0.30 0.00	22.33 0.26 0.00	21.80 0.26 0.00	21.84 0.22 0.00	22.94 0.36 0.00	24.57 0.48 0.00	30.44 0.77 -0.08	32.22 1.05 -0.44	30.14 0.71 0.00	24.08 0.24 0.00	23.49 0.12 0.00	23.10 -0.05 0.00	22.26 -0.11 0.00	22.01 -0.11 0.00	22.39 -0.07 0.00	22.42 0.11 0.00	23.99 0.33 0.00	28.19 0.63 0.00	29.82 0.73 0.00	26.61 0.47 0.00	24.25 0.36 0.15	23.61 0.19 0.00	22.41 0.09 0.00	22.51 0.16 0.00
COLDSPRG_115KV_BK1 355956	22.58 -0.65 0.00	21.36 -0.71 0.00	20.90 -0.65 0.00	21.00 -0.63 0.00	21.81 -0.77 0.00	23.44 -0.65 0.00	28.07 -1.75 -0.23	30.27 -1.75 -1.28	28.34 -1.09 0.01	22.82 -1.03 0.00	22.32 -1.05 0.00	21.90 -1.25 0.00	21.01 -1.36 0.00	20.68 -1.44 0.00	20.95 -1.50 0.00	21.04 -1.27 0.00	22.66 -0.99 0.00	27.06 -0.50 0.00	27.60 -1.48 0.00	24.82 -1.31 0.00	22.41 -1.83 -0.20	22.02 -1.41 0.00	20.80 -1.52 0.00	21.53 -0.83 0.00
COLONIE_LFGE___ 323577	24.37 1.14 0.00	23.17 1.10 0.00	22.62 1.08 0.00	22.71 1.08 0.00	23.68 1.11 0.00	25.36 1.28 0.00	32.70 1.54 -1.58	40.85 1.57 -8.54	30.96 1.53 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.12 0.97 0.00	23.16 0.78 0.00	22.89 0.77 0.00	23.24 0.79 0.00	23.16 0.85 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.80 1.69 -0.02	27.68 1.54 0.00	26.77 1.39 -1.34	24.73 1.31 0.00	23.48 1.16 0.00	23.63 1.27 0.00
COOPERNY_115KV_TB1 80082	24.26 1.02 0.00	23.00 0.93 0.00	22.47 0.93 0.00	22.55 0.93 0.00	23.55 0.97 0.00	25.24 1.16 0.00	32.12 1.57 -0.96	37.65 1.69 -5.22	31.11 1.68 0.00	25.08 1.24 0.00	24.52 1.15 0.00	24.12 0.97 0.00	23.22 0.85 0.00	22.96 0.84 0.00	23.31 0.85 0.00	23.23 0.91 0.00	24.81 1.16 0.00	29.17 1.57 -0.04	30.92 1.75 -0.08	27.66 1.49 -0.03	26.23 1.37 -0.82	24.69 1.26 0.00	23.39 1.07 0.00	23.52 1.16 0.00
COPENHAGEN_WT_PWR 323753	23.28 0.05 0.00	22.09 0.02 0.00	21.57 0.02 0.00	21.60 -0.02 0.00	22.67 0.09 0.00	24.26 0.17 0.00	30.03 0.36 -0.08	31.77 0.58 -0.45	29.73 0.29 0.00	23.82 -0.02 0.00	23.26 -0.12 0.00	22.90 -0.25 0.00	22.06 -0.31 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.20 -0.11 0.00	23.70 0.05 0.00	27.83 0.28 0.00	29.38 0.29 0.00	26.27 0.13 0.00	23.95 0.05 0.14	23.35 -0.07 0.00	22.19 -0.13 0.00	22.27 -0.09 0.00
CORNELL_____ 23752	23.77 0.53 0.00	22.58 0.51 0.00	22.04 0.50 0.00	22.12 0.50 0.00	23.12 0.54 0.00	24.79 0.70 0.00	30.90 1.01 -0.31	33.84 1.35 -1.75	30.66 1.21 -0.02	24.45 0.60 -0.01	23.82 0.44 0.00	23.43 0.28 0.00	22.51 0.13 0.00	22.25 0.13 0.00	22.59 0.13 0.00	22.62 0.31 0.00	24.22 0.57 0.00	28.58 1.02 0.00	30.16 1.05 -0.02	26.97 0.81 -0.02	24.98 0.67 -0.27	23.96 0.54 0.00	22.72 0.40 0.00	22.87 0.51 0.00

CORONA V_69 KV_TB1 355595	35.11 2.14 -9.74	36.33 1.99 -12.28	35.08 1.96 -11.58	31.75 1.97 -8.16	32.61 2.03 -8.00	38.59 2.34 -12.16	41.08 3.14 -8.36	42.86 3.35 -8.77	40.19 3.33 -7.43	33.40 2.58 -6.98	29.81 2.45 -3.98	27.30 2.15 -2.00	26.46 1.97 -2.12	29.61 2.01 -5.47	30.94 2.02 -6.46	31.12 2.10 -6.71	33.31 2.48 -7.17	44.10 3.11 -13.43	47.69 3.37 -15.22	41.61 2.95 -12.52	36.75 2.69 -10.02	32.95 2.62 -6.90	31.49 2.25 -6.91	31.38 2.39 -6.63
CORTLAND_115KV_TB3 80093	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.93 0.30 0.00	22.92 0.34 0.00	24.55 0.46 0.00	30.49 0.65 -0.25	33.10 0.92 -1.44	30.30 0.85 -0.01	24.26 0.41 -0.01	23.68 0.30 0.00	23.29 0.14 0.00	22.40 0.02 0.00	22.14 0.02 0.00	22.48 0.02 0.00	22.47 0.16 0.00	24.01 0.35 0.00	28.27 0.72 0.00	29.83 0.73 -0.01	26.69 0.55 -0.01	24.69 0.43 -0.22	23.77 0.35 0.00	22.55 0.22 0.00	22.72 0.36 0.00
COXSACKIE__GT 23611	25.28 2.05 0.00	24.08 2.01 0.00	23.49 1.94 0.00	23.61 1.99 0.00	24.63 2.05 0.00	26.42 2.34 0.00	33.40 2.34 -1.47	40.96 2.24 -7.98	31.58 2.15 0.00	25.16 1.31 0.00	24.66 1.28 0.00	24.10 0.95 0.00	22.98 0.60 0.00	22.72 0.60 0.00	23.11 0.65 0.00	23.07 0.76 0.00	25.05 1.40 0.00	29.65 2.09 0.00	31.38 2.27 -0.02	28.12 1.99 0.00	26.88 1.59 -1.25	25.13 1.71 0.00	23.82 1.50 0.00	23.99 1.63 0.00
CPV_VALLEY__CC1 323721	24.35 1.12 0.00	23.09 1.02 0.00	22.58 1.03 0.00	22.64 1.02 0.00	23.64 1.06 0.00	25.36 1.28 0.00	32.41 1.72 -1.10	38.57 1.84 -5.98	31.29 1.86 0.00	25.25 1.41 0.00	24.68 1.31 0.00	24.24 1.09 0.00	23.36 0.98 0.00	23.07 0.95 0.00	23.44 0.99 0.00	23.36 1.05 0.00	24.98 1.32 0.00	29.38 1.77 -0.05	31.15 1.95 -0.11	27.86 1.67 -0.05	26.52 1.54 -0.94	24.88 1.45 0.00	23.48 1.16 0.00	23.68 1.32 0.00
CPV_VALLEY__CC2 323722	24.35 1.12 0.00	23.09 1.02 0.00	22.58 1.03 0.00	22.64 1.02 0.00	23.64 1.06 0.00	25.36 1.28 0.00	32.41 1.72 -1.10	38.57 1.84 -5.98	31.29 1.86 0.00	25.25 1.41 0.00	24.68 1.31 0.00	24.24 1.09 0.00	23.36 0.98 0.00	23.07 0.95 0.00	23.44 0.99 0.00	23.36 1.05 0.00	24.98 1.32 0.00	29.38 1.77 -0.05	31.15 1.95 -0.11	27.86 1.67 -0.05	26.52 1.54 -0.94	24.88 1.45 0.00	23.48 1.16 0.00	23.68 1.32 0.00
CRESCENT__HYD 24018	24.37 1.14 0.00	23.17 1.10 0.00	22.62 1.08 0.00	22.71 1.08 0.00	23.68 1.11 0.00	25.36 1.28 0.00	32.70 1.54 -1.58	40.85 1.57 -8.54	30.96 1.53 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.12 0.97 0.00	23.16 0.78 0.00	22.89 0.77 0.00	23.24 0.79 0.00	23.16 0.85 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.80 1.69 -0.02	27.68 1.54 0.00	26.77 1.39 -1.34	24.73 1.31 0.00	23.48 1.16 0.00	23.63 1.27 0.00
CRICKET__VALLEY_CC1 323756	24.61 1.37 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.90 1.28 0.00	23.89 1.31 0.00	25.61 1.52 0.00	32.94 2.01 -1.34	40.14 2.12 -7.28	31.55 2.12 0.00	25.49 1.64 0.00	24.94 1.57 0.00	24.45 1.30 0.00	23.67 1.30 0.00	23.38 1.26 0.00	23.74 1.28 0.00	23.65 1.34 0.00	25.26 1.61 0.00	29.68 2.12 0.00	31.44 2.33 -0.02	28.17 2.04 0.00	27.02 1.85 -1.13	25.18 1.76 0.00	23.79 1.47 0.00	24.04 1.68 0.00
CRICKET__VALLEY_CC2 323757	24.61 1.37 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.90 1.28 0.00	23.89 1.31 0.00	25.61 1.52 0.00	32.94 2.01 -1.34	40.14 2.12 -7.28	31.55 2.12 0.00	25.49 1.64 0.00	24.94 1.57 0.00	24.45 1.30 0.00	23.67 1.30 0.00	23.38 1.26 0.00	23.74 1.28 0.00	23.65 1.34 0.00	25.26 1.61 0.00	29.68 2.12 0.00	31.44 2.33 -0.02	28.17 2.04 0.00	27.02 1.85 -1.13	25.18 1.76 0.00	23.79 1.47 0.00	24.04 1.68 0.00
CRICKET__VALLEY_CC3 323758	24.61 1.37 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.90 1.28 0.00	23.89 1.31 0.00	25.61 1.52 0.00	32.94 2.01 -1.34	40.14 2.12 -7.28	31.55 2.12 0.00	25.49 1.64 0.00	24.94 1.57 0.00	24.45 1.30 0.00	23.67 1.30 0.00	23.38 1.26 0.00	23.74 1.28 0.00	23.65 1.34 0.00	25.26 1.61 0.00	29.68 2.12 0.00	31.44 2.33 -0.02	28.17 2.04 0.00	27.02 1.85 -1.13	25.18 1.76 0.00	23.79 1.47 0.00	24.04 1.68 0.00
CRUCIBLE_METL_DRP 24180	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00
DAHOWA__HYDRO 323763	24.37 1.14 0.00	23.19 1.12 0.00	22.62 1.08 0.00	22.73 1.10 0.00	23.71 1.13 0.00	25.41 1.32 0.00	32.88 1.69 -1.60	41.11 1.69 -8.68	30.96 1.53 0.00	24.97 1.12 0.00	24.45 1.08 0.00	24.03 0.88 0.00	23.00 0.63 0.00	22.72 0.60 0.00	23.06 0.61 0.00	23.00 0.69 0.00	24.77 1.11 0.00	29.18 1.63 0.00	30.89 1.77 -0.02	27.76 1.62 0.00	26.91 1.52 -1.36	24.76 1.33 0.00	23.68 1.36 0.00	23.81 1.45 0.00
DANC__LFGE 323619	23.03 -0.21 0.00	21.87 -0.20 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.42 -0.16 0.00	23.97 -0.12 0.00	29.66 -0.03 -0.10	31.39 0.12 -0.53	29.37 -0.06 0.00	23.56 -0.29 0.00	23.02 -0.35 0.00	22.69 -0.46 0.00	21.86 -0.51 0.00	21.61 -0.51 0.00	21.96 -0.49 0.00	21.95 -0.36 0.00	23.42 -0.24 0.00	27.50 -0.06 0.00	29.00 -0.09 0.00	25.95 -0.18 0.00	23.79 -0.19 0.06	23.12 -0.31 0.00	21.99 -0.33 0.00	22.07 -0.29 0.00
DANSKAMMER__1 23586	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.45 -1.27	40.23 2.58 -6.91	31.96 2.53 0.00	25.68 1.84 0.00	25.13 1.75 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.80 1.35 0.00	23.72 1.41 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.75 2.65 -0.02	28.44 2.30 0.00	27.18 2.07 -1.08	25.34 1.92 0.00	23.93 1.61 0.00	24.15 1.79 0.00
DANSKAMMER__2 23589	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.45 -1.27	40.23 2.58 -6.91	31.96 2.53 0.00	25.68 1.84 0.00	25.13 1.75 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.80 1.35 0.00	23.72 1.41 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.75 2.65 -0.02	28.44 2.30 0.00	27.18 2.07 -1.08	25.34 1.92 0.00	23.93 1.61 0.00	24.15 1.79 0.00
DANSKAMMER__3 23590	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.45 -1.27	40.23 2.58 -6.91	31.96 2.53 0.00	25.68 1.84 0.00	25.13 1.75 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.80 1.35 0.00	23.72 1.41 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.75 2.65 -0.02	28.44 2.30 0.00	27.18 2.07 -1.08	25.34 1.92 0.00	23.93 1.61 0.00	24.15 1.79 0.00

DANSKAMMER___4 23591	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.45 -1.27	40.23 2.58 -6.91	31.96 2.53 0.00	25.68 1.84 0.00	25.13 1.75 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.80 1.35 0.00	23.72 1.41 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.75 2.65 -0.02	28.44 2.30 0.00	27.18 2.07 -1.08	25.34 1.92 0.00	23.93 1.61 0.00	24.15 1.79 0.00
DANSKAMMER___DIESEL 23592	24.88 1.65 0.00	23.59 1.52 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.46 -1.27	40.23 2.58 -6.91	31.99 2.56 0.00	25.68 1.84 0.00	25.10 1.73 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.81 1.35 0.00	23.74 1.43 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.78 2.68 -0.02	28.41 2.27 0.00	27.18 2.07 -1.08	25.37 1.94 0.00	23.97 1.65 0.00	24.15 1.79 0.00
DARBY___SOLAR 323810	24.37 1.14 0.00	23.17 1.10 0.00	22.60 1.06 0.00	22.71 1.08 0.00	23.71 1.13 0.00	25.39 1.30 0.00	32.84 1.66 -1.60	41.06 1.66 -8.66	30.96 1.53 0.00	24.99 1.14 0.00	24.47 1.10 0.00	24.08 0.93 0.00	23.04 0.67 0.00	22.76 0.64 0.00	23.11 0.65 0.00	23.05 0.74 0.00	24.79 1.14 0.00	29.16 1.60 0.00	30.86 1.75 -0.02	27.73 1.59 0.00	26.86 1.47 -1.36	24.73 1.31 0.00	23.64 1.32 0.00	23.77 1.41 0.00
DASHVILLE___HYD 23610	24.65 1.42 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.90 1.28 0.00	23.91 1.33 0.00	25.65 1.57 0.00	32.70 1.80 -1.31	39.77 1.94 -7.10	31.61 2.18 0.00	25.37 1.53 0.00	24.80 1.43 0.00	24.33 1.18 0.00	23.42 1.05 0.00	23.14 1.02 0.00	23.51 1.06 0.00	23.43 1.12 0.00	25.10 1.44 0.00	29.57 2.01 0.00	31.38 2.27 -0.02	28.02 1.88 0.00	26.66 1.51 -1.11	25.04 1.62 0.00	23.68 1.36 0.00	23.88 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.95 2.97 -9.74	37.17 2.82 -12.28	35.88 2.76 -11.58	32.51 2.72 -8.16	33.45 2.87 -8.00	39.55 3.30 -12.16	42.33 4.38 -8.36	44.18 4.67 -8.77	41.36 4.50 -7.43	34.19 3.36 -6.98	30.53 3.18 -3.98	27.39 2.85 -1.39	25.09 2.57 -0.14	30.18 2.59 -5.47	31.59 2.67 -6.46	31.81 2.79 -6.71	34.21 3.38 -7.17	45.45 4.46 -13.43	49.14 4.83 -15.22	42.91 4.26 -12.52	37.93 3.87 -10.02	33.81 3.49 -6.90	32.23 2.99 -6.91	32.19 3.20 -6.63
DELAWARE___LFGE 323621	24.33 1.09 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.62 0.99 0.00	23.66 1.08 0.00	25.36 1.28 0.00	31.81 1.66 -0.57	35.57 1.72 -3.11	31.09 1.65 -0.01	24.99 1.14 0.00	24.43 1.05 0.00	24.03 0.88 0.00	23.09 0.72 0.00	22.83 0.71 0.00	23.18 0.72 0.00	23.11 0.80 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.82 1.72 -0.01	27.61 1.46 -0.01	25.82 1.30 -0.48	24.62 1.19 0.00	23.33 1.00 0.00	23.45 1.10 0.00
DERFIELD_115KV_TB7 355931	23.47 0.23 0.00	22.29 0.22 0.00	21.76 0.22 0.00	21.84 0.22 0.00	22.80 0.23 0.00	24.38 0.29 0.00	29.94 0.36 0.00	31.14 0.40 0.00	29.82 0.38 0.00	24.13 0.29 0.00	23.63 0.26 0.00	23.34 0.19 0.00	22.51 0.13 0.00	22.25 0.13 0.00	22.59 0.13 0.00	22.47 0.16 0.00	23.89 0.24 0.00	27.89 0.33 0.00	29.47 0.38 0.00	26.45 0.31 0.00	24.39 0.29 -0.06	23.68 0.26 0.00	22.55 0.22 0.00	22.63 0.27 0.00
DOGLEVILLE___HYD 23807	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.52 0.43 0.00	30.12 0.53 0.00	31.35 0.61 0.00	29.99 0.56 0.00	24.32 0.48 0.00	23.89 0.51 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.75 0.29 0.00	22.62 0.31 0.00	24.06 0.40 0.00	28.03 0.47 0.00	29.53 0.44 0.00	26.50 0.37 0.00	24.46 0.36 -0.06	23.85 0.42 0.00	22.68 0.36 0.00	22.76 0.40 0.00
DUNKIRK___115KV_TB_200 55889	22.24 -1.00 0.00	21.03 -1.04 0.00	20.60 -0.95 0.00	20.65 -0.97 0.00	21.47 -1.11 0.00	23.03 -1.06 0.00	27.85 -1.95 -0.22	29.92 -2.03 -1.21	27.86 -1.56 0.01	22.36 -1.48 0.01	21.88 -1.50 0.00	21.48 -1.67 0.00	20.63 -1.75 0.00	20.31 -1.81 0.00	20.62 -1.84 0.00	20.68 -1.63 0.00	22.26 -1.40 0.00	26.57 -0.99 0.00	27.25 -1.83 0.01	24.40 -1.72 0.01	22.28 -1.95 -0.19	21.64 -1.78 0.00	20.49 -1.83 0.00	21.20 -1.16 0.00
DUNKIRK___1 23563	22.24 -1.00 0.00	21.03 -1.04 0.00	20.60 -0.95 0.00	20.65 -0.97 0.00	21.47 -1.11 0.00	23.03 -1.06 0.00	27.85 -1.95 -0.22	29.92 -2.03 -1.21	27.86 -1.56 0.01	22.36 -1.48 0.01	21.88 -1.50 0.00	21.48 -1.67 0.00	20.63 -1.75 0.00	20.31 -1.81 0.00	20.62 -1.84 0.00	20.68 -1.63 0.00	22.26 -1.40 0.00	26.57 -0.99 0.00	27.25 -1.83 0.01	24.40 -1.72 0.01	22.28 -1.95 -0.19	21.64 -1.78 0.00	20.49 -1.83 0.00	21.20 -1.16 0.00
DUNKIRK___2 23564	22.24 -1.00 0.00	21.03 -1.04 0.00	20.60 -0.95 0.00	20.65 -0.97 0.00	21.47 -1.11 0.00	23.03 -1.06 0.00	27.85 -1.95 -0.22	29.92 -2.03 -1.21	27.86 -1.56 0.01	22.36 -1.48 0.01	21.88 -1.50 0.00	21.48 -1.67 0.00	20.63 -1.75 0.00	20.31 -1.81 0.00	20.62 -1.84 0.00	20.68 -1.63 0.00	22.26 -1.40 0.00	26.57 -0.99 0.00	27.25 -1.83 0.01	24.40 -1.72 0.01	22.28 -1.95 -0.19	21.64 -1.78 0.00	20.49 -1.83 0.00	21.20 -1.16 0.00
DUNKIRK___3 23565	22.17 -1.07 0.00	21.01 -1.06 0.00	20.58 -0.97 0.00	20.61 -1.02 0.00	21.43 -1.15 0.00	22.98 -1.11 0.00	27.76 -2.04 -0.22	29.82 -2.12 -1.20	27.78 -1.65 0.01	22.26 -1.57 0.01	21.81 -1.57 0.00	21.41 -1.74 0.00	20.54 -1.83 0.00	20.24 -1.88 0.00	20.55 -1.91 0.00	20.62 -1.70 0.00	22.19 -1.47 0.00	26.48 -1.07 0.00	27.16 -1.92 0.01	24.35 -1.78 0.01	22.25 -1.97 -0.19	21.60 -1.83 0.00	20.47 -1.85 0.00	21.15 -1.21 0.00
DUNKIRK___4 23566	22.17 -1.07 0.00	21.01 -1.06 0.00	20.58 -0.97 0.00	20.61 -1.02 0.00	21.43 -1.15 0.00	22.98 -1.11 0.00	27.76 -2.04 -0.22	29.82 -2.12 -1.20	27.78 -1.65 0.01	22.26 -1.57 0.01	21.81 -1.57 0.00	21.41 -1.74 0.00	20.54 -1.83 0.00	20.24 -1.88 0.00	20.55 -1.91 0.00	20.62 -1.70 0.00	22.19 -1.47 0.00	26.48 -1.07 0.00	27.16 -1.92 0.01	24.35 -1.78 0.01	22.25 -1.97 -0.19	21.60 -1.83 0.00	20.47 -1.85 0.00	21.15 -1.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.91 1.67 0.00	23.61 1.54 0.00	23.05 1.51 0.00	23.14 1.51 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.39 2.54 -1.26	40.32 2.74 -6.85	32.20 2.77 0.00	25.94 2.10 0.00	25.36 1.99 0.00	24.89 1.74 0.00	23.98 1.61 0.00	23.69 1.57 0.00	24.05 1.59 0.00	23.98 1.67 0.00	25.67 2.01 0.00	31.16 2.65 -0.96	33.80 2.88 -1.83	29.52 2.51 -0.88	27.48 2.28 -1.16	25.58 2.15 0.00	24.15 1.83 0.00	24.30 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.70 1.46 0.00	23.42 1.35 0.00	22.88 1.34 0.00	22.97 1.34 0.00	23.98 1.40 0.00	25.73 1.64 0.00	33.01 2.19 -1.23	39.77 2.34 -6.70	31.76 2.33 0.00	25.54 1.69 0.00	24.96 1.59 0.00	24.49 1.34 0.00	23.58 1.21 0.00	23.31 1.19 0.00	23.67 1.21 0.00	23.60 1.29 0.00	25.29 1.63 0.00	29.76 2.20 0.00	31.55 2.44 -0.02	28.23 2.09 0.00	26.98 1.90 -1.04	25.20 1.78 0.00	23.82 1.50 0.00	23.99 1.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	25.00 1.77 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.27 1.64 0.00	24.27 1.69 0.00	26.09 2.00 0.00	33.56 2.69 -1.28	40.48 2.89 -6.85	32.49 2.88 -0.17	26.18 2.19 -0.14	25.62 2.08 -0.17	25.08 1.83 -0.10	24.12 1.68 -0.07	23.85 1.68 -0.05	24.18 1.68 -0.03	24.16 1.78 -0.07	25.98 2.11 -0.22	31.48 2.76 -1.17	34.04 3.03 -1.93	29.84 2.64 -1.07	27.61 2.38 -1.19	25.72 2.25 -0.05	24.26 1.94 0.00	24.44 2.08 0.00
E179THST_13_KV_LOAD 356214	25.12 1.88 0.00	23.81 1.74 0.00	23.27 1.72 0.00	23.35 1.73 0.00	24.36 1.78 0.00	26.18 2.10 0.00	33.68 2.81 -1.28	40.60 3.01 -6.85	32.64 3.03 -0.17	26.30 2.31 -0.14	25.72 2.17 -0.17	25.19 1.94 -0.10	24.23 1.79 -0.07	23.94 1.77 -0.05	24.27 1.77 -0.03	24.25 1.87 -0.07	26.10 2.22 -0.22	31.62 2.89 -1.17	34.19 3.17 -1.93	29.97 2.77 -1.07	27.73 2.50 -1.19	25.84 2.37 -0.05	24.35 2.03 0.00	24.53 2.17 0.00
EAST HAMPTON___GT 23717	36.20 3.23 -9.74	37.41 3.07 -12.28	36.12 2.99 -11.58	32.73 2.94 -8.16	33.68 3.09 -8.01	39.82 3.56 -12.16	42.68 4.73 -8.36	44.55 5.04 -8.77	41.66 4.80 -7.43	34.45 3.62 -6.98	30.77 3.41 -3.98	27.62 3.08 -1.39	25.29 2.77 -0.14	30.38 2.79 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.79 -13.43	49.46 5.15 -15.22	43.20 4.55 -12.52	38.19 4.14 -10.02	34.02 3.70 -6.90	32.38 3.15 -6.91	32.39 3.40 -6.63
EAST RIVER___6 23660	24.98 1.74 0.00	23.64 1.57 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.42 2.91 -5.07	30.40 2.29 -4.26	30.44 2.17 -4.89	27.96 1.92 -2.89	26.25 1.79 -2.09	25.49 1.73 -1.65	25.38 1.75 -1.17	26.22 1.83 -2.08	32.12 2.17 -6.29	52.37 2.81 -22.00	41.68 3.05 -9.53	48.43 2.67 -19.63	30.25 2.43 -3.78	27.36 2.27 -1.66	24.23 1.90 -0.02	24.41 2.06 0.00
EAST RIVER___7 23524	24.98 1.74 0.00	23.64 1.57 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.42 2.91 -5.07	30.40 2.29 -4.26	30.44 2.17 -4.89	27.96 1.92 -2.89	26.25 1.79 -2.09	25.49 1.73 -1.65	25.38 1.75 -1.17	26.22 1.83 -2.08	32.12 2.17 -6.29	52.37 2.81 -22.00	41.68 3.05 -9.53	48.43 2.67 -19.63	30.25 2.43 -3.78	27.36 2.27 -1.66	24.23 1.90 -0.02	24.41 2.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.86 1.63 0.00	23.57 1.50 0.00	23.03 1.49 0.00	23.12 1.49 0.00	24.11 1.54 0.00	25.92 1.83 0.00	33.33 2.49 -1.26	40.24 2.67 -6.83	32.11 2.68 0.00	25.90 2.05 0.00	25.29 1.92 0.00	24.84 1.69 0.00	23.92 1.54 0.00	23.65 1.53 0.00	24.01 1.55 0.00	23.94 1.63 0.00	25.59 1.94 0.00	30.34 2.56 -0.22	32.32 2.79 -0.43	28.77 2.43 -0.20	27.36 2.24 -1.08	25.51 2.08 0.00	24.09 1.76 0.00	24.26 1.90 0.00
EAST_HAMPTON___DIESEL 23722	36.20 3.23 -9.74	37.41 3.07 -12.28	36.12 2.99 -11.58	32.73 2.94 -8.16	33.68 3.09 -8.01	39.82 3.56 -12.16	42.68 4.73 -8.36	44.55 5.04 -8.77	41.66 4.80 -7.43	34.45 3.62 -6.98	30.77 3.41 -3.98	27.62 3.08 -1.39	25.29 2.77 -0.14	30.38 2.79 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.79 -13.43	49.46 5.15 -15.22	43.20 4.55 -12.52	38.19 4.14 -10.02	34.02 3.70 -6.90	32.38 3.15 -6.91	32.39 3.40 -6.63
EAST_PULASKI___ESR 323781	22.79 -0.44 0.00	21.67 -0.40 0.00	21.16 -0.39 0.00	21.21 -0.41 0.00	22.19 -0.38 0.00	23.73 -0.36 0.00	29.35 -0.36 -0.11	31.06 -0.28 -0.60	29.05 -0.38 0.00	23.34 -0.50 0.00	22.84 -0.54 0.00	22.50 -0.65 0.00	21.68 -0.69 0.00	21.43 -0.69 0.00	21.76 -0.70 0.00	21.73 -0.58 0.00	23.16 -0.50 0.00	27.20 -0.36 0.00	28.71 -0.38 0.00	25.72 -0.42 0.00	23.65 -0.41 -0.02	22.93 -0.49 0.00	21.79 -0.54 0.00	21.91 -0.45 0.00
EAST_RIVER___1 323558	25.00 1.77 0.00	23.68 1.61 0.00	23.16 1.62 0.00	23.22 1.60 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.42 2.91 -5.07	30.35 2.24 -4.26	30.40 2.13 -4.89	27.92 1.87 -2.89	26.21 1.75 -2.09	25.47 1.70 -1.65	25.36 1.73 -1.17	26.20 1.81 -2.08	32.10 2.15 -6.29	52.37 2.81 -22.00	41.65 3.03 -9.53	48.43 2.67 -19.63	30.25 2.43 -3.78	27.36 2.27 -1.66	24.23 1.90 -0.02	24.44 2.08 0.00
EAST_RIVER___2 323559	24.98 1.74 0.00	23.64 1.57 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.42 2.91 -5.07	30.40 2.29 -4.26	30.44 2.17 -4.89	27.96 1.92 -2.89	26.25 1.79 -2.09	25.49 1.73 -1.65	25.38 1.75 -1.17	26.22 1.83 -2.08	32.12 2.17 -6.29	52.37 2.81 -22.00	41.68 3.05 -9.53	48.43 2.67 -19.63	30.25 2.43 -3.78	27.36 2.27 -1.66	24.23 1.90 -0.02	24.41 2.06 0.00
EAST___DELAWARE_HYD 23607	24.37 1.14 0.00	23.09 1.02 0.00	22.58 1.03 0.00	22.64 1.02 0.00	23.66 1.08 0.00	25.44 1.35 0.00	32.63 1.90 -1.15	38.95 2.00 -6.22	31.35 1.91 0.00	25.06 1.22 0.00	24.47 1.10 0.00	23.98 0.83 0.00	22.51 0.14 0.00	22.23 0.11 0.00	22.62 0.16 0.00	22.53 0.22 0.00	24.22 0.57 0.00	28.61 1.05 0.00	30.35 1.25 -0.01	27.10 0.97 0.00	26.50 1.49 -0.97	24.78 1.36 0.00	23.35 1.03 0.00	23.59 1.23 0.00
EIGHT_POINT___WT_PWR 323820	23.96 0.72 0.00	22.69 0.62 0.00	22.17 0.63 0.00	22.27 0.65 0.00	23.25 0.68 0.00	25.03 0.94 0.00	31.01 1.12 -0.30	33.70 1.29 -1.67	30.78 1.33 -0.02	24.70 0.83 -0.02	24.03 0.65 0.00	23.57 0.42 0.00	22.60 0.22 0.00	22.30 0.18 0.00	22.68 0.22 0.00	22.76 0.45 0.00	24.43 0.78 0.00	28.96 1.40 0.00	30.19 1.08 -0.03	27.05 0.89 -0.02	24.83 0.53 -0.26	23.94 0.51 0.00	22.63 0.31 0.00	22.89 0.54 0.00
ELBRIDGE_115KV_TB2 80188	22.86 -0.37 0.00	21.74 -0.33 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.80 -0.29 0.00	29.45 -0.30 -0.16	32.16 0.52 -0.90	29.89 0.44 -0.02	23.31 -0.55 -0.01	22.77 -0.61 0.00	22.46 -0.69 0.00	21.61 -0.76 0.00	21.37 -0.75 0.00	21.69 -0.76 0.00	21.66 -0.65 0.00	23.09 -0.57 0.00	27.12 -0.44 0.00	28.61 -0.49 -0.02	25.63 -0.52 -0.02	23.68 -0.48 -0.12	22.86 -0.56 0.00	21.72 -0.60 0.00	21.87 -0.49 0.00
ELEC_TRO_TEK 24086	35.02 2.04 -9.74	36.24 1.90 -12.28	34.98 1.85 -11.58	31.65 1.86 -8.16	32.52 1.94 -8.00	38.49 2.24 -12.16	40.94 2.99 -8.36	42.71 3.20 -8.77	40.07 3.21 -7.43	33.28 2.46 -6.98	29.69 2.34 -3.98	26.89 2.08 -1.66	25.29 1.90 -1.01	29.50 1.90 -5.47	30.85 1.93 -6.46	31.03 2.01 -6.71	33.19 2.37 -7.17	44.04 3.06 -13.43	47.66 3.35 -15.22	41.55 2.90 -12.52	36.72 2.67 -10.02	32.83 2.51 -6.90	31.40 2.17 -6.91	31.29 2.30 -6.63
ELLENBURG_WT_PWR 323604	23.05 -0.19 0.00	21.76 -0.31 0.00	21.14 -0.41 0.00	21.21 -0.41 0.00	22.15 -0.43 0.00	23.49 -0.60 0.00	28.76 -0.83 0.00	29.82 -0.92 0.00	28.61 -0.82 0.00	23.42 -0.43 0.00	23.19 -0.19 0.00	23.20 0.05 0.00	22.57 0.20 0.00	22.32 0.20 0.00	22.66 0.20 0.00	22.42 0.11 0.00	23.49 -0.16 0.00	27.03 -0.52 0.00	28.31 -0.78 0.00	25.22 -0.92 0.00	21.84 -1.03 1.17	22.41 -1.01 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.82 -1.42 0.00	20.72 -1.35 0.00	20.30 -1.25 0.00	20.28 -1.34 0.00	21.11 -1.47 0.00	22.59 -1.49 0.00	27.33 -2.46 -0.20	29.31 -2.55 -1.13	27.24 -2.18 0.01	21.74 -2.10 0.01	21.32 -2.06 0.00	20.93 -2.22 0.00	20.09 -2.28 0.00	19.82 -2.30 0.00	20.10 -2.36 0.00	20.17 -2.14 0.00	21.69 -1.96 0.00	25.90 -1.65 0.00	26.64 -2.44 0.01	23.88 -2.25 0.01	21.98 -2.24 -0.17	21.17 -2.25 0.00	20.11 -2.21 0.00	20.77 -1.59 0.00
EMPIRE_CC_1 323656	24.21 0.98 0.00	23.02 0.95 0.00	22.47 0.93 0.00	22.55 0.93 0.00	23.53 0.95 0.00	25.20 1.11 0.00	32.33 1.24 -1.50	40.13 1.26 -8.13	30.73 1.29 0.00	25.06 1.22 0.00	24.54 1.17 0.00	24.08 0.93 0.00	22.82 0.45 0.00	22.56 0.44 0.00	22.91 0.45 0.00	22.82 0.51 0.00	24.39 0.73 0.00	28.61 1.05 0.00	30.21 1.11 -0.02	27.15 1.02 0.00	26.26 0.94 -1.29	24.34 0.91 0.00	23.08 0.76 0.00	23.21 0.85 0.00
EMPIRE_CC_2 323658	24.21 0.98 0.00	23.02 0.95 0.00	22.47 0.93 0.00	22.55 0.93 0.00	23.53 0.95 0.00	25.20 1.11 0.00	32.33 1.24 -1.50	40.13 1.26 -8.13	30.73 1.29 0.00	25.06 1.22 0.00	24.54 1.17 0.00	24.08 0.93 0.00	22.82 0.45 0.00	22.56 0.44 0.00	22.91 0.45 0.00	22.82 0.51 0.00	24.39 0.73 0.00	28.61 1.05 0.00	30.21 1.11 -0.02	27.15 1.02 0.00	26.26 0.94 -1.29	24.34 0.91 0.00	23.08 0.76 0.00	23.21 0.85 0.00
ENORWICH_115KV_TB1 80156	25.44 2.21 0.00	24.12 2.05 0.00	23.55 2.00 0.00	23.59 1.97 0.00	24.84 2.26 0.00	26.69 2.60 0.00	33.38 3.37 -0.42	37.00 3.93 -2.33	32.80 3.36 -0.01	25.93 2.07 -0.01	25.17 1.80 0.00	24.70 1.55 0.00	23.67 1.30 0.00	23.40 1.28 0.00	23.81 1.35 0.00	23.92 1.61 0.00	25.83 2.18 0.00	30.59 3.03 0.00	32.48 3.37 -0.02	28.89 2.74 -0.01	26.73 2.33 -0.36	25.55 2.13 0.00	24.13 1.81 0.00	24.33 1.97 0.00
ERIE_ST__34_KV_TB1-2 80199	22.14 -1.09 0.00	21.01 -1.06 0.00	20.58 -0.97 0.00	20.59 -1.04 0.00	21.43 -1.15 0.00	22.96 -1.13 0.00	27.25 -2.54 -0.21	29.30 -2.61 -1.17	27.57 -1.85 0.01	22.14 -1.69 0.01	21.69 -1.68 0.00	21.30 -1.85 0.00	20.45 -1.92 0.00	20.15 -1.97 0.00	20.44 -2.02 0.00	20.53 -1.78 0.00	22.07 -1.58 0.00	26.37 -1.19 0.00	26.90 -2.50 0.01	24.30 -1.83 0.01	21.91 -2.31 -0.18	21.55 -1.87 0.00	20.45 -1.88 0.00	21.11 -1.25 0.00
ERIE_WT_PWR 323693	21.96 -1.28 0.00	20.86 -1.21 0.00	20.32 -1.23 0.00	20.39 -1.23 0.00	21.22 -1.35 0.00	22.74 -1.35 0.00	27.40 -2.40 -0.21	29.40 -2.49 -1.15	27.21 -2.21 0.01	21.88 -1.95 0.01	21.46 -1.92 0.00	21.07 -2.08 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.33 -1.99 0.00	21.83 -1.82 0.00	26.07 -1.49 0.00	26.58 -2.50 0.01	24.01 -2.12 0.01	22.01 -2.21 -0.18	21.29 -2.13 0.00	20.36 -1.96 0.00	20.88 -1.48 0.00
ESPRGFLD_115KV_TB1 80157	24.75 1.51 0.00	23.50 1.43 0.00	22.95 1.40 0.00	23.03 1.41 0.00	24.14 1.56 0.00	25.94 1.85 0.00	32.11 2.49 -0.03	33.58 2.64 -0.19	31.82 2.38 0.00	25.47 1.62 0.00	24.80 1.43 0.00	24.40 1.25 0.00	23.45 1.07 0.00	23.16 1.04 0.00	23.51 1.06 0.00	23.52 1.20 0.00	25.33 1.68 0.00	29.90 2.34 0.00	31.65 2.56 0.00	28.31 2.17 0.00	25.99 1.92 -0.03	25.11 1.69 0.00	23.73 1.41 0.00	23.86 1.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.75 0.51 0.00	22.53 0.46 0.00	22.02 0.47 0.00	22.10 0.48 0.00	23.10 0.52 0.00	24.76 0.67 0.00	30.84 0.95 -0.31	33.77 1.29 -1.75	30.60 1.15 -0.02	24.41 0.55 -0.01	23.77 0.40 0.00	23.38 0.23 0.00	22.48 0.11 0.00	22.21 0.09 0.00	22.57 0.11 0.00	22.58 0.27 0.00	24.18 0.52 0.00	28.50 0.94 0.00	30.10 0.99 -0.02	26.91 0.76 -0.02	24.93 0.63 -0.27	23.94 0.52 0.00	22.68 0.36 0.00	22.85 0.49 0.00
ETNA____115KV_TB2 80207	23.75 0.51 0.00	22.53 0.46 0.00	22.02 0.47 0.00	22.10 0.48 0.00	23.10 0.52 0.00	24.76 0.67 0.00	30.84 0.95 -0.31	33.77 1.29 -1.75	30.60 1.15 -0.02	24.41 0.55 -0.01	23.77 0.40 0.00	23.38 0.23 0.00	22.48 0.11 0.00	22.21 0.09 0.00	22.57 0.11 0.00	22.58 0.27 0.00	24.18 0.52 0.00	28.50 0.94 0.00	30.10 0.99 -0.02	26.91 0.76 -0.02	24.93 0.63 -0.27	23.94 0.52 0.00	22.68 0.36 0.00	22.85 0.49 0.00
EUCLID___115KV_TB2 356179	22.65 -0.58 0.00	21.56 -0.51 0.00	21.05 -0.50 0.00	21.11 -0.52 0.00	22.06 -0.52 0.00	23.58 -0.51 0.00	29.16 -0.56 -0.13	31.09 -0.40 -0.75	29.00 -0.44 0.00	23.27 -0.57 0.00	22.74 -0.63 0.00	22.43 -0.72 0.00	21.59 -0.78 0.00	21.35 -0.77 0.00	21.67 -0.79 0.00	21.62 -0.69 0.00	23.06 -0.59 0.00	27.06 -0.50 0.00	28.54 -0.55 0.00	25.59 -0.55 0.00	23.65 -0.50 -0.11	22.81 -0.61 0.00	21.67 -0.65 0.00	21.87 -0.49 0.00
E_CANADA_CAP_HY 24051	24.95 1.72 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.27 1.64 0.00	24.34 1.76 0.00	26.16 2.07 0.00	34.19 2.75 -1.85	43.66 2.86 -10.06	31.96 2.53 0.00	25.58 1.74 0.00	24.94 1.57 0.00	24.54 1.39 0.00	23.54 1.16 0.00	23.25 1.13 0.00	23.62 1.17 0.00	23.63 1.32 0.00	25.52 1.87 0.00	30.15 2.59 0.00	31.91 2.79 -0.02	28.59 2.46 0.00	27.82 2.21 -1.57	25.37 1.94 0.00	23.95 1.63 0.00	24.06 1.70 0.00
E_CANADA_MHWK_HY 24050	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.52 0.43 0.00	30.12 0.53 0.00	31.35 0.61 0.00	29.99 0.56 0.00	24.32 0.48 0.00	23.89 0.51 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.75 0.29 0.00	22.62 0.31 0.00	24.06 0.40 0.00	28.03 0.47 0.00	29.53 0.44 0.00	26.50 0.37 0.00	24.46 0.36 -0.06	23.85 0.42 0.00	22.68 0.36 0.00	22.76 0.40 0.00
E_FISHKILL___LBMP 23776	24.68 1.44 0.00	23.39 1.32 0.00	22.86 1.31 0.00	22.94 1.32 0.00	23.93 1.35 0.00	25.68 1.59 0.00	33.05 2.16 -1.30	40.10 2.31 -7.06	31.73 2.30 0.00	25.61 1.76 0.00	25.03 1.66 0.00	24.56 1.41 0.00	23.67 1.30 0.00	23.40 1.28 0.00	23.76 1.30 0.00	23.69 1.38 0.00	25.31 1.66 0.00	29.70 2.20 0.06	31.41 2.41 0.10	28.17 2.09 0.06	27.06 1.92 -1.09	25.23 1.80 0.00	23.86 1.54 0.00	24.01 1.65 0.00
FALCON___SEABRD_CC1 323796	23.24 0.00 0.00	21.96 -0.11 0.00	21.31 -0.24 0.00	21.41 -0.22 0.00	22.33 -0.25 0.00	23.68 -0.41 0.00	29.00 -0.59 0.00	30.06 -0.68 0.00	28.87 -0.56 0.00	23.58 -0.26 0.00	23.37 0.00 0.00	23.36 0.21 0.00	22.73 0.36 0.00	22.45 0.33 0.00	22.82 0.36 0.00	22.58 0.27 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.54 -0.55 0.00	25.40 -0.73 0.00	22.01 -0.86 1.17	22.55 -0.87 0.01	21.59 -0.74 0.00	21.46 -0.90 0.01
FALCON___SEABRD_CC2 323797	23.24 0.00 0.00	21.96 -0.11 0.00	21.31 -0.24 0.00	21.41 -0.22 0.00	22.33 -0.25 0.00	23.68 -0.41 0.00	29.00 -0.59 0.00	30.06 -0.68 0.00	28.87 -0.56 0.00	23.58 -0.26 0.00	23.37 0.00 0.00	23.36 0.21 0.00	22.73 0.36 0.00	22.45 0.33 0.00	22.82 0.36 0.00	22.58 0.27 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.54 -0.55 0.00	25.40 -0.73 0.00	22.01 -0.86 1.17	22.55 -0.87 0.01	21.59 -0.74 0.00	21.46 -0.90 0.01

FAR ROCKAWAY___4 23548	35.34 2.37 -9.74	36.53 2.18 -12.28	35.28 2.15 -11.58	31.95 2.16 -8.16	32.82 2.24 -8.00	38.83 2.58 -12.16	41.38 3.43 -8.36	43.17 3.66 -8.77	40.48 3.62 -7.43	33.64 2.81 -6.98	30.02 2.66 -3.98	27.55 2.36 -2.04	26.79 2.17 -2.24	29.81 2.21 -5.47	31.14 2.22 -6.46	31.32 2.30 -6.71	33.54 2.72 -7.17	44.13 3.14 -13.43	47.75 3.43 -15.22	41.66 3.01 -12.52	36.77 2.72 -10.02	33.21 2.88 -6.90	31.69 2.46 -6.91	31.58 2.59 -6.63
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.05 1.81 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.25 1.62 0.00	24.27 1.69 0.00	26.11 2.02 0.00	33.65 2.78 -1.28	40.58 2.98 -6.86	37.49 2.97 -5.08	30.41 2.29 -4.27	30.43 2.15 -4.90	27.97 1.92 -2.90	26.23 1.77 -2.09	25.52 1.75 -1.65	25.40 1.77 -1.17	26.25 1.85 -2.08	32.16 2.20 -6.31	52.44 2.84 -22.05	41.76 3.11 -9.55	48.53 2.72 -19.67	30.30 2.48 -3.79	27.41 2.32 -1.66	24.32 1.99 -0.02	24.48 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.05 1.81 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.25 1.62 0.00	24.27 1.69 0.00	26.11 2.02 0.00	33.62 2.75 -1.28	40.55 2.95 -6.86	37.49 2.97 -5.08	30.38 2.27 -4.27	30.43 2.15 -4.90	27.95 1.90 -2.90	26.23 1.77 -2.09	25.49 1.73 -1.65	25.38 1.75 -1.17	26.25 1.85 -2.08	32.14 2.18 -6.31	52.44 2.84 -22.05	41.73 3.08 -9.55	48.50 2.69 -19.67	30.30 2.48 -3.79	27.41 2.32 -1.66	24.32 1.99 -0.02	24.48 2.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.02 1.79 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.09 2.00 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.46 2.94 -5.08	30.36 2.24 -4.27	30.41 2.13 -4.90	27.95 1.90 -2.90	26.21 1.75 -2.09	25.49 1.73 -1.65	25.38 1.75 -1.17	26.22 1.83 -2.08	32.11 2.15 -6.31	52.42 2.81 -22.05	41.70 3.05 -9.55	48.47 2.67 -19.67	30.26 2.43 -3.79	27.38 2.30 -1.66	24.30 1.96 -0.02	24.44 2.08 0.00
FARRAGUT___LBMP 323566	25.00 1.77 0.00	23.68 1.61 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.43 2.91 -5.08	30.36 2.24 -4.27	30.38 2.10 -4.90	27.92 1.88 -2.90	26.19 1.72 -2.09	25.47 1.70 -1.65	25.36 1.73 -1.17	26.20 1.81 -2.08	32.09 2.13 -6.31	52.39 2.78 -22.05	41.67 3.03 -9.55	48.45 2.64 -19.67	30.26 2.43 -3.79	27.36 2.27 -1.66	24.28 1.94 -0.02	24.44 2.08 0.00
FENNER___WINDPWR 24204	23.79 0.56 0.00	22.60 0.53 0.00	22.06 0.52 0.00	22.14 0.52 0.00	23.16 0.59 0.00	24.81 0.72 0.00	30.77 1.01 -0.17	32.94 1.23 -0.97	30.53 1.09 -0.01	24.49 0.64 0.00	23.93 0.56 0.00	23.57 0.42 0.00	22.69 0.31 0.00	22.41 0.29 0.00	22.75 0.29 0.00	22.73 0.42 0.00	24.25 0.59 0.00	28.44 0.88 0.00	30.00 0.90 -0.01	26.87 0.73 -0.01	24.81 0.62 -0.15	23.96 0.54 0.00	22.75 0.42 0.00	22.87 0.51 0.00
FIBERTEK___ENERGY 23856	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00
FITZPATRICK___ 23598	22.35 -0.88 0.00	21.25 -0.82 0.00	20.75 -0.80 0.00	20.82 -0.80 0.00	21.74 -0.83 0.00	23.22 -0.87 0.00	28.68 -1.01 -0.10	30.19 -1.05 -0.50	28.37 -1.06 0.00	22.91 -0.93 0.00	22.42 -0.96 0.00	22.13 -1.02 0.00	21.32 -1.05 0.00	21.10 -1.02 0.00	21.40 -1.06 0.00	21.35 -0.96 0.00	22.71 -0.95 0.00	26.62 -0.94 0.00	28.05 -1.05 0.00	25.14 -0.99 0.00	23.23 -0.89 -0.08	22.49 -0.94 0.00	21.41 -0.92 0.00	21.53 -0.83 0.00
FLOWRFLD_69_KV_BK1 356044	35.44 2.46 -9.74	36.66 2.32 -12.28	35.39 2.26 -11.58	32.04 2.25 -8.16	32.95 2.37 -8.00	39.00 2.75 -12.16	41.56 3.61 -8.36	43.39 3.87 -8.77	40.66 3.80 -7.43	33.71 2.89 -6.98	30.07 2.71 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.15	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.69 2.86 -7.17	44.73 3.75 -13.43	48.39 4.07 -15.22	42.21 3.55 -12.52	37.30 3.25 -10.02	33.28 2.95 -6.90	31.80 2.57 -6.91	31.70 2.71 -6.63
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.93 1.70 0.00	23.64 1.57 0.00	23.10 1.55 0.00	23.18 1.56 0.00	24.20 1.63 0.00	25.99 1.90 0.00	33.38 2.52 -1.28	40.31 2.64 -6.93	32.05 2.62 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.66 1.50 0.00	23.74 1.36 0.00	23.47 1.35 0.00	23.85 1.39 0.00	23.76 1.45 0.00	25.48 1.82 0.00	30.04 2.48 0.00	31.84 2.73 -0.02	28.46 2.33 0.00	27.24 2.12 -1.08	25.39 1.97 0.00	24.02 1.70 0.00	24.19 1.83 0.00
FORT ORANGE___ 23900	24.26 1.02 0.00	23.13 1.06 0.00	22.58 1.03 0.00	22.66 1.04 0.00	23.62 1.04 0.00	25.24 1.16 0.00	32.23 1.10 -1.54	40.18 1.08 -8.37	30.55 1.12 0.00	24.82 0.98 0.00	24.36 0.98 0.00	23.89 0.74 0.00	22.73 0.36 0.00	22.49 0.38 0.00	22.84 0.38 0.00	22.78 0.47 0.00	24.41 0.76 0.00	28.66 1.10 0.00	30.27 1.16 -0.02	27.26 1.12 0.00	26.34 0.99 -1.31	24.50 1.08 0.00	23.22 0.89 0.00	23.34 0.98 0.00
FORT_DRUM_COGEN 23780	23.33 0.09 0.00	22.14 0.07 0.00	21.61 0.06 0.00	21.67 0.04 0.00	22.71 0.14 0.00	24.30 0.22 0.00	30.11 0.44 -0.08	31.83 0.68 -0.42	29.82 0.38 0.00	23.87 0.02 0.00	23.30 -0.07 0.00	22.97 -0.19 0.00	22.13 -0.25 0.00	21.90 -0.22 0.00	22.26 -0.20 0.00	22.27 -0.04 0.00	23.77 0.12 0.00	27.89 0.33 0.00	29.47 0.38 0.00	26.32 0.18 0.00	23.97 0.10 0.17	23.37 -0.05 0.00	22.23 -0.09 0.00	22.31 -0.04 0.00
FOX_HILLS___ESR 323835	25.19 1.95 0.00	23.84 1.77 0.00	23.27 1.72 0.00	23.33 1.71 0.00	24.38 1.81 0.00	26.21 2.12 0.00	33.71 2.84 -1.28	40.65 3.04 -6.86	54.23 3.00 -21.79	30.43 2.27 -4.32	30.47 2.13 -4.96	27.98 1.90 -2.93	26.24 1.75 -2.12	25.52 1.73 -1.67	25.37 1.73 -1.19	26.27 1.85 -2.11	32.18 2.15 -6.38	52.68 2.84 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.38 2.52 -3.82	27.49 2.39 -1.68	24.41 2.08 -0.02	24.59 2.24 0.00
FPL_FAR_ROCK_GT1 24212	35.35 2.37 -9.74	36.53 2.19 -12.28	35.30 2.18 -11.58	31.95 2.16 -8.17	32.82 2.24 -8.01	38.83 2.58 -12.16	41.38 3.43 -8.36	43.20 3.69 -8.77	40.45 3.59 -7.43	33.64 2.81 -6.99	30.05 2.69 -3.99	27.55 2.36 -2.04	26.79 2.17 -2.24	29.81 2.21 -5.48	31.14 2.22 -6.46	31.32 2.30 -6.71	33.54 2.72 -7.17	44.12 3.14 -13.43	47.72 3.40 -15.22	41.66 3.00 -12.52	36.77 2.72 -10.02	33.18 2.86 -6.90	31.65 2.41 -6.91	31.58 2.59 -6.63
FPL_FAR_ROCK_GT2 23815	35.35 2.37 -9.74	36.53 2.19 -12.28	35.30 2.18 -11.58	31.95 2.16 -8.17	32.82 2.24 -8.01	38.83 2.58 -12.16	41.38 3.43 -8.36	43.20 3.69 -8.77	40.45 3.59 -7.43	33.64 2.81 -6.99	30.05 2.69 -3.99	27.55 2.36 -2.04	26.79 2.17 -2.24	29.81 2.21 -5.48	31.14 2.22 -6.46	31.32 2.30 -6.71	33.54 2.72 -7.17	44.12 3.14 -13.43	47.72 3.40 -15.22	41.66 3.00 -12.52	36.77 2.72 -10.02	33.18 2.86 -6.90	31.65 2.41 -6.91	31.58 2.59 -6.63



FRANKLIN_FALL_HYD 24054	23.28 0.05 0.00	22.00 -0.07 0.00	21.39 -0.15 0.00	21.47 -0.15 0.00	22.42 -0.16 0.00	23.75 -0.34 0.00	29.09 -0.50 0.00	30.15 -0.58 0.00	28.84 -0.59 0.00	23.58 -0.26 0.00	23.35 -0.02 0.00	23.38 0.23 0.00	22.78 0.40 0.00	22.50 0.38 0.00	22.86 0.40 0.00	22.60 0.29 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.54 -0.55 0.00	25.51 -0.63 0.00	22.20 -0.75 1.10	22.67 -0.75 0.01	21.74 -0.58 0.00	21.59 -0.76 0.01
FREEPORT_EQUS_GT1 23764	35.18 2.21 -9.74	36.40 2.05 -12.28	35.15 2.02 -11.58	31.80 2.01 -8.16	32.66 2.08 -8.01	38.66 2.41 -12.16	41.17 3.23 -8.36	42.95 3.44 -8.77	40.24 3.38 -7.43	33.45 2.62 -6.98	29.88 2.53 -3.98	27.00 2.22 -1.62	25.30 2.04 -0.90	29.65 2.06 -5.48	31.01 2.09 -6.46	31.19 2.16 -6.71	33.38 2.56 -7.17	44.32 3.33 -13.43	47.92 3.61 -15.22	41.84 3.19 -12.52	36.94 2.88 -10.02	33.02 2.69 -6.90	31.53 2.30 -6.91	31.47 2.48 -6.63
FREEPORT___CT2 23818	35.18 2.21 -9.74	36.40 2.05 -12.28	35.15 2.02 -11.58	31.80 2.01 -8.16	32.66 2.08 -8.01	38.66 2.41 -12.16	41.17 3.23 -8.36	42.95 3.44 -8.77	40.24 3.38 -7.43	33.45 2.62 -6.98	29.88 2.53 -3.98	27.00 2.22 -1.62	25.30 2.04 -0.90	29.65 2.06 -5.48	31.01 2.09 -6.46	31.19 2.16 -6.71	33.38 2.56 -7.17	44.32 3.33 -13.43	47.92 3.61 -15.22	41.84 3.19 -12.52	36.94 2.88 -10.02	33.02 2.69 -6.90	31.53 2.30 -6.91	31.47 2.48 -6.63
FRESHKLS_33_KV_LOAD 356253	25.16 1.93 0.00	23.79 1.72 0.00	23.25 1.70 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.65 2.78 -1.28	40.55 2.95 -6.86	43.54 2.91 -11.19	30.32 2.17 -4.30	30.35 2.06 -4.92	27.86 1.81 -2.90	26.13 1.66 -2.10	25.41 1.64 -1.65	25.29 1.66 -1.17	26.18 1.76 -2.11	32.11 2.08 -6.38	52.60 2.76 -22.29	52.65 3.05 -20.51	48.69 2.67 -19.89	30.31 2.45 -3.82	27.45 2.34 -1.68	24.37 2.03 -0.02	24.55 2.19 0.00
FULTON COGEN____ 23766	22.61 -0.63 0.00	21.50 -0.57 0.00	20.99 -0.56 0.00	21.06 -0.56 0.00	21.99 -0.59 0.00	23.51 -0.58 0.00	29.12 -0.59 -0.12	30.78 -0.61 -0.66	28.79 -0.65 0.00	23.18 -0.67 0.00	22.65 -0.72 0.00	22.34 -0.81 0.00	21.50 -0.87 0.00	21.26 -0.86 0.00	21.58 -0.88 0.00	21.55 -0.76 0.00	22.97 -0.69 0.00	26.95 -0.61 0.00	28.45 -0.64 0.00	25.48 -0.65 0.00	23.54 -0.60 -0.10	22.74 -0.68 0.00	21.61 -0.71 0.00	21.76 -0.60 0.00
FULTON___LFGE 323630	26.07 2.83 0.00	24.83 2.76 0.00	24.20 2.65 0.00	24.33 2.70 0.00	25.45 2.87 0.00	27.43 3.35 0.00	35.65 4.29 -1.77	44.61 4.27 -9.60	33.11 3.68 0.00	26.37 2.53 0.00	25.60 2.22 0.00	25.19 2.04 0.00	24.12 1.75 0.00	23.80 1.68 0.00	24.21 1.75 0.00	24.32 2.01 0.00	26.49 2.84 0.00	31.50 3.94 0.00	33.33 4.22 -0.02	29.90 3.76 0.00	28.96 3.41 -1.50	26.45 3.02 0.00	24.89 2.57 0.00	25.04 2.68 0.00
G.F.CEMENT___DRP 24184	24.28 1.05 0.00	23.09 1.02 0.00	22.52 0.97 0.00	22.64 1.02 0.00	23.62 1.04 0.00	25.34 1.25 0.00	32.82 1.63 -1.61	41.09 1.63 -8.72	30.90 1.47 0.00	24.87 1.03 0.00	24.38 1.01 0.00	23.98 0.83 0.00	22.87 0.49 0.00	22.61 0.49 0.00	22.95 0.49 0.00	22.89 0.58 0.00	24.70 1.04 0.00	29.10 1.54 0.00	30.86 1.75 -0.02	27.73 1.59 0.00	26.87 1.47 -1.36	24.66 1.24 0.00	23.30 0.98 0.00	23.86 1.50 0.00
GARDENVILLE___LBMP 24039	21.86 -1.37 0.00	20.77 -1.30 0.00	20.34 -1.21 0.00	20.33 -1.30 0.00	21.16 -1.42 0.00	22.67 -1.42 0.00	27.34 -2.46 -0.20	29.36 -2.52 -1.14	27.30 -2.12 0.01	21.81 -2.03 0.01	21.39 -1.99 0.00	21.00 -2.15 0.00	20.16 -2.21 0.00	19.89 -2.23 0.00	20.17 -2.29 0.00	20.24 -2.07 0.00	21.76 -1.89 0.00	25.99 -1.57 0.00	26.70 -2.39 0.01	23.96 -2.17 0.01	21.98 -2.24 -0.18	21.24 -2.18 0.00	20.18 -2.14 0.00	20.82 -1.54 0.00
GARDNVLA_35_KV_LD 355827	21.96 -1.28 0.00	20.86 -1.21 0.00	20.40 -1.14 0.00	20.41 -1.21 0.00	21.25 -1.33 0.00	22.74 -1.35 0.00	27.40 -2.40 -0.21	29.44 -2.46 -1.16	27.39 -2.03 0.01	21.88 -1.96 0.01	21.46 -1.92 0.00	21.07 -2.08 0.00	20.23 -2.15 0.00	19.95 -2.17 0.00	20.23 -2.22 0.00	20.30 -2.01 0.00	21.83 -1.82 0.00	26.10 -1.46 0.00	26.78 -2.30 0.01	24.06 -2.06 0.01	22.03 -2.19 -0.18	21.31 -2.11 0.00	20.25 -2.08 0.00	20.91 -1.45 0.00
GELCKHM___115KV_LOAD 80723	22.77 -0.46 0.00	21.65 -0.42 0.00	21.14 -0.41 0.00	21.21 -0.41 0.00	22.15 -0.43 0.00	23.68 -0.41 0.00	29.31 -0.41 -0.14	31.40 -0.12 -0.79	29.29 -0.15 -0.01	23.35 -0.50 0.00	22.81 -0.56 0.00	22.50 -0.65 0.00	21.66 -0.72 0.00	21.41 -0.71 0.00	21.74 -0.72 0.00	21.69 -0.62 0.00	23.13 -0.52 0.00	27.15 -0.41 0.00	28.63 -0.47 -0.01	25.67 -0.47 -0.01	23.72 -0.43 -0.11	22.88 -0.54 0.00	21.76 -0.56 0.00	21.91 -0.45 0.00
GENERAL___MILLS 23808	21.93 -1.30 0.00	20.83 -1.24 0.00	20.38 -1.16 0.00	20.37 -1.25 0.00	21.20 -1.38 0.00	22.71 -1.37 0.00	27.37 -2.43 -0.21	29.37 -2.52 -1.15	27.36 -2.06 0.01	21.86 -1.98 0.01	21.43 -1.94 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.28 -2.03 0.00	21.81 -1.85 0.00	26.04 -1.52 0.00	26.76 -2.33 0.01	24.01 -2.12 0.01	21.98 -2.24 -0.18	21.29 -2.13 0.00	20.22 -2.10 0.00	20.88 -1.48 0.00
GE_PLASTICS___DRP 24183	24.14 0.91 0.00	22.95 0.88 0.00	22.41 0.86 0.00	22.49 0.86 0.00	23.46 0.88 0.00	25.10 1.01 0.00	32.26 1.12 -1.54	40.25 1.14 -8.37	30.58 1.15 0.00	24.80 0.95 0.00	24.31 0.93 0.00	23.89 0.74 0.00	22.82 0.45 0.00	22.58 0.46 0.00	22.93 0.47 0.00	22.82 0.51 0.00	24.39 0.73 0.00	28.58 1.02 0.00	30.19 1.08 -0.02	27.13 0.99 0.00	26.27 0.91 -1.31	24.36 0.94 0.00	23.10 0.78 0.00	23.21 0.85 0.00
GILBOA___1 23756	24.10 0.86 0.00	22.89 0.82 0.00	22.34 0.80 0.00	22.42 0.80 0.00	23.41 0.84 0.00	25.08 0.99 0.00	32.09 1.27 -1.23	38.77 1.35 -6.68	30.79 1.35 0.00	24.87 1.02 0.00	24.33 0.96 0.00	23.94 0.79 0.00	23.00 0.63 0.00	22.74 0.62 0.00	23.09 0.63 0.00	23.00 0.69 0.00	24.55 0.90 0.00	28.80 1.24 0.00	30.44 1.34 -0.02	27.31 1.18 0.00	26.14 1.06 -1.04	24.41 0.98 0.00	23.12 0.80 0.00	23.30 0.94 0.00
GILBOA___2 23757	24.10 0.86 0.00	22.89 0.82 0.00	22.34 0.80 0.00	22.42 0.80 0.00	23.41 0.84 0.00	25.08 0.99 0.00	32.09 1.27 -1.23	38.77 1.35 -6.68	30.79 1.35 0.00	24.87 1.02 0.00	24.33 0.96 0.00	23.94 0.79 0.00	23.00 0.63 0.00	22.74 0.62 0.00	23.09 0.63 0.00	23.00 0.69 0.00	24.55 0.90 0.00	28.80 1.24 0.00	30.44 1.34 -0.02	27.31 1.18 0.00	26.14 1.06 -1.04	24.41 0.98 0.00	23.12 0.80 0.00	23.30 0.94 0.00
GILBOA___3 23758	24.10 0.86 0.00	22.89 0.82 0.00	22.34 0.80 0.00	22.42 0.80 0.00	23.41 0.84 0.00	25.08 0.99 0.00	32.09 1.27 -1.23	38.77 1.35 -6.68	30.79 1.35 0.00	24.87 1.02 0.00	24.33 0.96 0.00	23.94 0.79 0.00	23.00 0.63 0.00	22.74 0.62 0.00	23.09 0.63 0.00	23.00 0.69 0.00	24.55 0.90 0.00	28.80 1.24 0.00	30.44 1.34 -0.02	27.31 1.18 0.00	26.14 1.06 -1.04	24.41 0.98 0.00	23.12 0.80 0.00	23.30 0.94 0.00

GILBOA___4 23759	24.10 0.86 0.00	22.89 0.82 0.00	22.34 0.80 0.00	22.42 0.80 0.00	23.41 0.84 0.00	25.08 0.99 0.00	32.09 1.27 -1.23	38.77 1.35 -6.68	30.79 1.35 0.00	24.87 1.02 0.00	24.33 0.96 0.00	23.94 0.79 0.00	23.00 0.63 0.00	22.74 0.62 0.00	23.09 0.63 0.00	23.00 0.69 0.00	24.55 0.90 0.00	28.80 1.24 0.00	30.44 1.34 -0.02	27.31 1.18 0.00	26.14 1.06 -1.04	24.41 0.98 0.00	23.12 0.80 0.00	23.30 0.94 0.00
GILBOA____ 23599	24.09 0.86 0.00	22.89 0.82 0.00	22.34 0.80 0.00	22.42 0.80 0.00	23.41 0.84 0.00	25.08 0.99 0.00	32.09 1.27 -1.23	38.77 1.35 -6.68	30.79 1.35 0.00	24.87 1.03 0.00	24.33 0.96 0.00	23.94 0.79 0.00	23.00 0.63 0.00	22.74 0.62 0.00	23.09 0.63 0.00	23.00 0.69 0.00	24.55 0.90 0.00	28.80 1.24 0.00	30.44 1.34 -0.02	27.31 1.18 0.00	26.14 1.06 -1.04	24.43 1.01 0.00	23.15 0.83 0.00	23.30 0.94 0.00
GINNA____ 23603	21.40 -1.84 0.00	20.35 -1.72 0.00	19.82 -1.72 0.00	19.89 -1.73 0.00	20.77 -1.81 0.00	22.28 -1.81 0.00	27.57 -2.19 -0.17	29.53 -2.15 -0.94	27.16 -2.24 0.03	21.65 -2.17 0.02	21.22 -2.15 0.00	20.86 -2.29 0.00	20.05 -2.33 0.00	19.82 -2.30 0.00	20.17 -2.29 0.00	20.17 -2.14 0.00	21.57 -2.08 0.00	25.49 -2.07 0.00	26.73 -2.33 0.03	23.83 -2.27 0.03	22.21 -1.97 -0.14	21.20 -2.23 0.00	20.18 -2.14 0.00	20.46 -1.90 0.00
GLEN PARK____ 23778	23.47 0.23 0.00	22.27 0.20 0.00	21.74 0.19 0.00	21.78 0.15 0.00	22.87 0.29 0.00	24.50 0.41 0.00	30.35 0.68 -0.08	32.13 0.95 -0.43	30.02 0.59 0.00	24.01 0.17 0.00	23.42 0.05 0.00	23.06 -0.09 0.00	22.22 -0.16 0.00	21.97 -0.15 0.00	22.35 -0.11 0.00	22.38 0.07 0.00	23.92 0.26 0.00	28.11 0.55 0.00	29.70 0.61 0.00	26.53 0.39 0.00	24.17 0.29 0.16	23.54 0.12 0.00	22.37 0.04 0.00	22.45 0.09 0.00
GLENDALE_27_KV_LOAD 356172	25.21 1.97 0.00	23.88 1.81 0.00	23.31 1.77 0.00	23.40 1.77 0.00	24.43 1.85 0.00	26.26 2.17 0.00	33.83 2.96 -1.28	40.77 3.17 -6.86	52.86 3.15 -20.27	30.57 2.41 -4.32	30.60 2.27 -4.96	28.12 2.04 -2.93	26.37 1.88 -2.12	25.65 1.86 -1.67	25.53 1.89 -1.18	26.38 1.96 -2.11	32.35 2.32 -6.38	52.85 3.00 -22.29	52.88 3.29 -20.51	48.90 2.87 -19.89	30.45 2.60 -3.82	27.57 2.46 -1.68	24.48 2.14 -0.02	24.64 2.28 0.00
GLENWOOD_IC_1_G5 23712	35.14 2.16 -9.74	36.35 2.01 -12.28	35.11 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.00	38.64 2.38 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.28 3.41 -7.43	33.45 2.62 -6.98	29.86 2.50 -3.98	26.93 2.25 -1.54	25.05 2.06 -0.62	29.65 2.06 -5.47	31.01 2.09 -6.46	31.10 2.07 -6.71	33.26 2.44 -7.17	44.15 3.17 -13.43	47.63 3.32 -15.22	41.55 2.90 -12.52	36.70 2.64 -10.02	32.99 2.67 -6.90	31.53 2.30 -6.91	31.43 2.44 -6.63
GLENWOOD_IC_2_G1 23688	35.04 2.07 -9.74	36.24 1.90 -12.28	35.02 1.90 -11.58	31.67 1.88 -8.16	32.52 1.94 -8.01	38.52 2.26 -12.16	41.00 3.05 -8.36	42.77 3.26 -8.77	40.07 3.21 -7.43	33.31 2.48 -6.98	29.74 2.39 -3.98	26.65 2.11 -1.39	24.43 1.92 -0.13	29.52 1.92 -5.47	30.87 1.95 -6.46	31.03 2.01 -6.71	33.19 2.37 -7.17	44.07 3.09 -13.43	47.60 3.29 -15.22	41.55 2.90 -12.52	36.70 2.64 -10.02	32.85 2.53 -6.90	31.38 2.14 -6.91	31.32 2.33 -6.63
GLENWOOD_IC_3_G1 23689	35.04 2.07 -9.74	36.24 1.90 -12.28	35.02 1.90 -11.58	31.67 1.88 -8.16	32.52 1.94 -8.01	38.52 2.26 -12.16	41.00 3.05 -8.36	42.77 3.26 -8.77	40.07 3.21 -7.43	33.31 2.48 -6.98	29.74 2.39 -3.98	26.65 2.11 -1.39	24.43 1.92 -0.13	29.52 1.92 -5.47	30.87 1.95 -6.46	31.03 2.01 -6.71	33.19 2.37 -7.17	44.07 3.09 -13.43	47.60 3.29 -15.22	41.55 2.90 -12.52	36.70 2.64 -10.02	32.85 2.53 -6.90	31.38 2.14 -6.91	31.32 2.33 -6.63
GLENWOOD___4 23550	35.14 2.16 -9.74	36.35 2.01 -12.28	35.11 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.00	38.64 2.38 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.28 3.41 -7.43	33.45 2.62 -6.98	29.86 2.50 -3.98	26.93 2.25 -1.54	25.05 2.06 -0.62	29.65 2.06 -5.47	31.01 2.09 -6.46	31.12 2.10 -6.71	33.28 2.46 -7.17	44.18 3.20 -13.43	47.72 3.40 -15.22	41.63 2.98 -12.52	36.77 2.72 -10.02	32.99 2.67 -6.90	31.53 2.30 -6.91	31.43 2.44 -6.63
GLENWOOD___5 23614	35.14 2.16 -9.74	36.35 2.01 -12.28	35.11 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.00	38.64 2.38 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.28 3.41 -7.43	33.45 2.62 -6.98	29.86 2.50 -3.98	26.93 2.25 -1.54	25.05 2.06 -0.62	29.65 2.06 -5.47	31.01 2.09 -6.46	31.12 2.10 -6.71	33.28 2.46 -7.17	44.18 3.20 -13.43	47.72 3.40 -15.22	41.63 2.98 -12.52	36.77 2.72 -10.02	32.99 2.67 -6.90	31.53 2.30 -6.91	31.43 2.44 -6.63
GLOBAL GREEN_PORT_GT1 23814	36.16 3.18 -9.74	37.39 3.05 -12.28	36.10 2.97 -11.58	32.70 2.92 -8.16	33.63 3.05 -8.01	39.79 3.54 -12.16	42.65 4.71 -8.36	44.52 5.01 -8.77	41.63 4.77 -7.43	34.43 3.60 -6.98	30.74 3.39 -3.98	27.60 3.06 -1.39	25.26 2.75 -0.14	30.36 2.76 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.79 -13.43	49.46 5.15 -15.22	43.20 4.55 -12.52	38.19 4.14 -10.02	34.02 3.70 -6.90	32.38 3.15 -6.91	32.39 3.40 -6.63
GLOBE___DSASP 323697	21.12 -2.11 0.00	20.11 -1.96 0.00	19.67 -1.87 0.00	19.66 -1.97 0.00	20.46 -2.12 0.00	21.85 -2.24 0.00	26.65 -3.14 -0.20	28.51 -3.32 -1.09	26.36 -3.06 0.01	20.93 -2.91 0.01	20.55 -2.83 0.00	20.19 -2.96 0.00	19.37 -3.00 0.00	19.13 -2.99 0.00	19.40 -3.05 0.00	19.46 -2.86 0.00	20.91 -2.74 0.00	24.97 -2.59 0.00	25.79 -3.29 0.01	23.07 -3.06 0.01	21.44 -2.76 -0.17	20.47 -2.95 0.00	19.49 -2.83 0.00	20.12 -2.24 0.00
GOETHSLN___LBMP 323567	24.88 1.65 0.00	23.59 1.52 0.00	23.03 1.49 0.00	23.12 1.49 0.00	24.14 1.56 0.00	25.97 1.88 0.00	33.47 2.60 -1.28	40.37 2.77 -6.86	37.31 2.80 -5.08	30.26 2.15 -4.27	30.31 2.03 -4.90	27.83 1.78 -2.90	26.12 1.66 -2.09	25.38 1.61 -1.65	25.27 1.64 -1.17	26.13 1.74 -2.08	32.02 2.06 -6.31	52.28 2.67 -22.05	41.55 2.91 -9.55	48.34 2.54 -19.67	30.16 2.33 -3.79	27.29 2.20 -1.66	24.21 1.88 -0.02	24.35 1.99 0.00
GOLAH___69_KV_TB 1_2 80279	22.38 -0.86 0.00	21.25 -0.82 0.00	20.83 -0.71 0.00	20.85 -0.78 0.00	21.74 -0.84 0.00	23.34 -0.75 0.00	28.67 -1.09 -0.17	30.60 -1.11 -0.97	28.27 -1.15 0.02	22.47 -1.36 0.01	22.00 -1.38 0.00	21.62 -1.53 0.00	20.76 -1.61 0.00	20.50 -1.61 0.00	20.86 -1.59 0.00	20.88 -1.43 0.00	22.42 -1.23 0.00	26.59 -0.96 0.00	27.82 -1.25 0.02	24.84 -1.28 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	20.89 -1.43 0.00	21.42 -0.94 0.00
GOODYEAR_LAKE_HYD 323669	24.54 1.30 0.00	23.28 1.21 0.00	22.75 1.21 0.00	22.81 1.19 0.00	23.89 1.31 0.00	25.65 1.57 0.00	32.07 2.07 -0.41	35.22 2.21 -2.27	31.47 2.03 -0.01	25.26 1.41 0.00	24.64 1.26 0.00	24.24 1.09 0.00	23.31 0.94 0.00	23.03 0.91 0.00	23.38 0.92 0.00	23.34 1.03 0.00	25.07 1.42 0.00	29.52 1.96 0.00	31.25 2.15 -0.01	27.94 1.80 -0.01	25.98 1.59 -0.35	24.88 1.45 0.00	23.53 1.21 0.00	23.68 1.32 0.00

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GOWANUS_GT2_5 24118	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT2_6 24119	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT2_7 24120	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT2_8 24121	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT3_1 24122	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT3_2 24123	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT3_3 24124	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
GOWANUS_GT3_4 24125	25.26 2.02 -0.01	23.91 1.																						

GOWANUS_GT4_4 24133	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GOWANUS_GT4_5 24134	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GOWANUS_GT4_6 24135	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GOWANUS_GT4_7 24136	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GOWANUS_GT4_8 24137	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GREENBSH_115KV_TB3 55895	24.12 0.88 0.00	22.97 0.90 0.00	22.43 0.88 0.00	22.53 0.91 0.00	23.48 0.90 0.00	25.08 0.99 0.00	32.06 0.92 -1.55	40.01 0.86 -8.41	30.37 0.94 0.00	24.75 0.91 0.00	24.31 0.93 0.00	23.85 0.69 0.00	22.69 0.31 0.00	22.45 0.33 0.00	22.79 0.34 0.00	22.71 0.40 0.00	24.29 0.64 0.00	28.50 0.94 0.00	30.10 0.99 -0.02	27.08 0.94 0.00	26.23 0.87 -1.32	24.38 0.96 0.00	23.13 0.80 0.00	23.21 0.85 0.00
GREENDGE_115KV_TB5 80291	23.51 0.28 0.00	22.31 0.24 0.00	21.78 0.24 0.00	21.86 0.24 0.00	22.85 0.27 0.00	24.52 0.43 0.00	30.49 0.62 -0.28	33.02 0.71 -1.58	30.37 0.85 -0.08	24.16 0.26 -0.05	23.47 0.09 0.00	23.06 -0.09 0.00	22.13 -0.25 0.00	21.85 -0.27 0.00	22.21 -0.25 0.00	22.27 -0.04 0.00	23.87 0.21 0.00	28.25 0.69 0.00	29.75 0.58 -0.08	26.61 0.39 -0.08	24.47 0.19 -0.24	23.52 0.09 0.00	22.26 -0.07 0.00	22.52 0.16 0.00
GREENIDGE___3 23582	23.51 0.28 0.00	22.31 0.24 0.00	21.78 0.24 0.00	21.86 0.24 0.00	22.85 0.27 0.00	24.52 0.43 0.00	30.49 0.62 -0.28	33.02 0.71 -1.58	30.37 0.85 -0.08	24.16 0.26 -0.05	23.47 0.09 0.00	23.06 -0.09 0.00	22.13 -0.25 0.00	21.85 -0.27 0.00	22.21 -0.25 0.00	22.27 -0.04 0.00	23.87 0.21 0.00	28.25 0.69 0.00	29.75 0.58 -0.08	26.61 0.39 -0.08	24.47 0.19 -0.24	23.52 0.09 0.00	22.26 -0.07 0.00	22.52 0.16 0.00
GREENIDGE___4 23583	23.51 0.28 0.00	22.31 0.24 0.00	21.76 0.22 0.00	21.86 0.24 0.00	22.85 0.27 0.00	24.52 0.43 0.00	30.49 0.62 -0.28	32.99 0.68 -1.58	30.31 0.79 -0.08	24.16 0.26 -0.05	23.47 0.09 0.00	23.06 -0.09 0.00	22.13 -0.25 0.00	21.85 -0.26 0.00	22.21 -0.25 0.00	22.27 -0.04 0.00	23.87 0.21 0.00	28.25 0.69 0.00	29.69 0.52 -0.08	26.61 0.39 -0.08	24.47 0.19 -0.24	23.52 0.09 0.00	22.28 -0.04 0.00	22.49 0.13 0.00
GREENLWN_69_KV_BK 3 55738	35.07 2.09 -9.74	36.29 1.94 -12.28	35.02 1.90 -11.58	31.69 1.90 -8.16	32.57 1.99 -8.00	38.56 2.31 -12.16	40.88 2.93 -8.36	42.59 3.07 -8.77	40.04 3.18 -7.43	33.33 2.50 -6.98	29.74 2.38 -3.98	26.68 2.13 -1.40	24.46 1.92 -0.17	29.54 1.95 -5.47	30.89 1.98 -6.46	31.10 2.07 -6.71	33.12 2.29 -7.17	43.93 2.95 -13.43	47.51 3.20 -15.22	41.45 2.80 -12.52	36.60 2.55 -10.02	32.76 2.44 -6.90	31.42 2.19 -6.91	31.29 2.30 -6.63
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00
GRISSOM___SOLAR 323813	26.07 2.83 0.00	24.83 2.76 0.00	24.20 2.65 0.00	24.33 2.70 0.00	25.45 2.87 0.00	27.43 3.35 0.00	35.65 4.29 -1.77	44.61 4.27 -9.60	33.11 3.68 0.00	26.37 2.53 0.00	25.60 2.22 0.00	25.19 2.04 0.00	24.12 1.75 0.00	23.80 1.68 0.00	24.21 1.75 0.00	24.32 2.01 0.00	26.49 2.84 0.00	31.50 3.94 0.00	33.33 4.22 -0.02	29.90 3.76 0.00	28.96 3.41 -1.50	26.45 3.02 0.00	24.89 2.57 0.00	25.04 2.68 0.00
GROVEVILLE___HYD 323602	24.93 1.70 0.00	23.64 1.57 0.00	23.10 1.55 0.00	23.18 1.56 0.00	24.20 1.63 0.00	25.99 1.90 0.00	33.38 2.52 -1.28	40.31 2.64 -6.93	32.05 2.62 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.66 1.50 0.00	23.74 1.36 0.00	23.47 1.35 0.00	23.85 1.39 0.00	23.76 1.45 0.00	25.48 1.82 0.00	30.04 2.48 0.00	31.84 2.73 -0.02	28.46 2.33 0.00	27.24 2.12 -1.08	25.39 1.97 0.00	24.02 1.70 0.00	24.19 1.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	23.00 -0.23 0.00	21.87 -0.20 0.00	21.35 -0.19 0.00	21.41 -0.22 0.00	22.37 -0.20 0.00	23.94 -0.14 0.00	29.66 -0.09 -0.16	32.38 0.74 -0.90	30.10 0.65 -0.02	23.48 -0.38 -0.01	22.91 -0.47 0.00	22.60 -0.56 0.00	21.75 -0.63 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.80 -0.51 0.00	23.23 -0.43 0.00	27.28 -0.28 0.00	28.82 -0.29 -0.02	25.81 -0.34 -0.01	23.83 -0.34 -0.12	22.98 -0.45 0.00	21.83 -0.49 0.00	22.00 -0.36 0.00









HYLAND___LFGE 323620	23.96 0.72 0.00	22.71 0.64 0.00	22.13 0.58 0.00	22.21 0.58 0.00	23.21 0.63 0.00	25.05 0.96 0.00	31.00 1.15 -0.26	33.50 1.32 -1.44	30.50 1.06 -0.01	24.16 0.31 -0.01	23.47 0.09 0.00	23.04 -0.12 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.28 -0.18 0.00	22.47 0.16 0.00	24.27 0.61 0.00	28.91 1.35 0.00	30.27 1.16 -0.01	27.01 0.86 -0.01	24.93 0.67 -0.22	23.87 0.44 0.00	22.57 0.25 0.00	22.87 0.51 0.00
INDECK___CORINTH 23802	23.88 0.65 0.00	22.71 0.64 0.00	22.15 0.60 0.00	22.27 0.65 0.00	23.23 0.66 0.00	24.93 0.84 0.00	32.29 1.10 -1.61	40.58 1.10 -8.74	30.37 0.94 0.00	24.49 0.64 0.00	24.03 0.65 0.00	23.64 0.49 0.00	22.53 0.16 0.00	22.25 0.13 0.00	22.59 0.14 0.00	22.53 0.22 0.00	24.29 0.64 0.00	28.61 1.05 0.00	30.30 1.19 -0.02	27.26 1.12 0.00	26.46 1.06 -1.37	24.26 0.84 0.00	23.62 1.29 0.00	23.72 1.36 0.00
INDECK___ILION 23567	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.50 0.41 0.00	30.12 0.53 0.00	31.32 0.58 0.00	29.99 0.56 0.00	24.27 0.43 0.00	23.80 0.42 0.00	23.50 0.35 0.00	22.64 0.27 0.00	22.38 0.27 0.00	22.70 0.25 0.00	22.60 0.29 0.00	24.03 0.38 0.00	28.05 0.50 0.00	29.61 0.52 0.00	26.58 0.44 0.00	24.51 0.41 -0.06	23.82 0.40 0.00	22.66 0.33 0.00	22.74 0.38 0.00
INDECK___OLEAN 23982	22.40 -0.84 0.00	21.21 -0.86 0.00	20.75 -0.80 0.00	20.82 -0.80 0.00	21.67 -0.90 0.00	23.22 -0.87 0.00	27.40 -2.43 -0.24	29.57 -2.49 -1.32	27.66 -1.77 0.00	22.63 -1.22 0.00	22.11 -1.26 0.00	21.69 -1.46 0.00	20.81 -1.57 0.00	20.51 -1.61 0.00	20.80 -1.66 0.00	20.88 -1.43 0.00	22.42 -1.23 0.00	26.79 -0.77 0.00	26.99 -2.09 0.00	24.67 -1.46 0.00	22.03 -2.21 -0.20	21.97 -1.45 0.00	20.87 -1.45 0.00	21.46 -0.90 0.00
INDECK___OSWEGO 23783	22.51 -0.72 0.00	21.43 -0.64 0.00	20.92 -0.63 0.00	21.00 -0.63 0.00	21.92 -0.66 0.00	23.44 -0.65 0.00	28.97 -0.74 -0.12	30.52 -0.83 -0.61	28.58 -0.85 0.00	23.06 -0.79 0.00	22.56 -0.82 0.00	22.25 -0.90 0.00	21.43 -0.94 0.00	21.19 -0.93 0.00	21.52 -0.94 0.00	21.46 -0.85 0.00	22.87 -0.78 0.00	26.82 -0.74 0.00	28.28 -0.81 0.00	25.35 -0.78 0.00	23.38 -0.72 -0.06	22.65 -0.77 0.00	21.54 -0.78 0.00	21.69 -0.67 0.00
INDECK___YERKES 23781	21.75 -1.49 0.00	20.66 -1.41 0.00	20.15 -1.40 0.00	20.20 -1.43 0.00	21.04 -1.54 0.00	22.50 -1.59 0.00	27.33 -2.46 -0.20	29.26 -2.58 -1.11	26.98 -2.44 0.01	21.57 -2.27 0.01	21.18 -2.20 0.00	20.79 -2.36 0.00	19.96 -2.42 0.00	19.69 -2.43 0.00	19.96 -2.49 0.00	20.06 -2.25 0.00	21.55 -2.11 0.00	25.74 -1.82 0.00	26.38 -2.70 0.01	23.75 -2.38 0.01	21.95 -2.26 -0.17	21.06 -2.36 0.00	20.16 -2.16 0.00	20.66 -1.70 0.00
INDIAN POINT_GT_1 24139	24.79 1.56 0.00	23.50 1.43 0.00	22.97 1.42 0.00	23.05 1.43 0.00	24.05 1.47 0.00	25.82 1.73 0.00	33.23 2.40 -1.25	40.06 2.55 -6.77	31.99 2.56 0.00	25.80 1.96 0.00	25.20 1.82 0.00	24.75 1.60 0.00	23.83 1.45 0.00	23.56 1.44 0.00	23.92 1.46 0.00	23.83 1.52 0.00	25.50 1.85 0.00	30.20 2.45 -0.18	32.16 2.71 -0.37	28.66 2.35 -0.17	27.25 2.14 -1.07	25.44 2.01 0.00	24.02 1.70 0.00	24.17 1.81 0.00
INDIAN POINT_GT_2 23659	24.79 1.56 0.00	23.50 1.43 0.00	22.97 1.42 0.00	23.05 1.43 0.00	24.05 1.47 0.00	25.82 1.73 0.00	33.23 2.40 -1.25	40.06 2.55 -6.77	31.99 2.56 0.00	25.80 1.96 0.00	25.20 1.82 0.00	24.75 1.60 0.00	23.83 1.45 0.00	23.56 1.44 0.00	23.92 1.46 0.00	23.83 1.52 0.00	25.50 1.85 0.00	30.20 2.45 -0.18	32.16 2.71 -0.37	28.66 2.35 -0.17	27.25 2.14 -1.07	25.44 2.01 0.00	24.02 1.70 0.00	24.17 1.81 0.00
INDIAN POINT_GT_3 24019	24.79 1.56 0.00	23.50 1.43 0.00	22.97 1.42 0.00	23.05 1.43 0.00	24.05 1.47 0.00	25.82 1.73 0.00	33.23 2.40 -1.25	40.06 2.55 -6.77	31.99 2.56 0.00	25.80 1.96 0.00	25.20 1.82 0.00	24.75 1.60 0.00	23.83 1.45 0.00	23.56 1.44 0.00	23.92 1.46 0.00	23.83 1.52 0.00	25.50 1.85 0.00	30.20 2.45 -0.18	32.16 2.71 -0.37	28.66 2.35 -0.17	27.25 2.14 -1.07	25.44 2.01 0.00	24.02 1.70 0.00	24.17 1.81 0.00
INDIAN POINT___2 23530	24.77 1.53 0.00	23.46 1.39 0.00	22.95 1.40 0.00	23.01 1.39 0.00	24.02 1.45 0.00	25.80 1.71 0.00	33.16 2.34 -1.23	39.95 2.52 -6.69	31.93 2.50 0.00	25.75 1.91 0.00	25.17 1.80 0.00	24.70 1.55 0.00	23.81 1.43 0.00	23.51 1.39 0.00	23.90 1.44 0.00	23.81 1.50 0.00	25.48 1.82 0.00	30.13 2.40 -0.17	32.06 2.62 -0.35	28.60 2.30 -0.16	27.19 2.09 -1.06	25.39 1.97 0.00	23.93 1.61 0.00	24.15 1.79 0.00
INDIAN POINT___3 23531	24.77 1.53 0.00	23.48 1.41 0.00	22.95 1.40 0.00	23.03 1.41 0.00	24.05 1.47 0.00	25.82 1.73 0.00	33.20 2.37 -1.25	40.03 2.52 -6.77	31.96 2.53 0.00	25.78 1.93 0.00	25.17 1.80 0.00	24.73 1.57 0.00	23.80 1.43 0.00	23.53 1.42 0.00	23.89 1.44 0.00	23.83 1.52 0.00	25.48 1.82 0.00	30.16 2.43 -0.18	32.09 2.65 -0.35	28.60 2.30 -0.16	27.23 2.12 -1.07	25.41 1.99 0.00	24.00 1.67 0.00	24.15 1.79 0.00
INGHAM_C_115KV_TB7 356103	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.52 0.43 0.00	30.12 0.53 0.00	31.35 0.61 0.00	29.99 0.56 0.00	24.32 0.48 0.00	23.87 0.49 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.75 0.29 0.00	22.62 0.31 0.00	24.06 0.40 0.00	28.03 0.47 0.00	29.56 0.47 0.00	26.50 0.37 0.00	24.46 0.36 -0.06	23.84 0.42 0.00	22.68 0.36 0.00	22.76 0.40 0.00
IP CORINTH___1 23988	24.00 0.77 0.00	22.84 0.77 0.00	22.26 0.71 0.00	22.38 0.76 0.00	23.35 0.77 0.00	25.05 0.96 0.00	32.47 1.27 -1.61	40.73 1.26 -8.74	30.55 1.12 0.00	24.61 0.76 0.00	24.17 0.79 0.00	23.78 0.63 0.00	22.64 0.27 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.67 0.36 0.00	24.44 0.78 0.00	28.74 1.19 0.00	30.48 1.37 -0.02	27.39 1.25 0.00	26.59 1.18 -1.37	24.41 0.98 0.00	23.04 0.71 0.00	23.72 1.36 0.00
IP___TICONDEROGA 23804	24.84 1.60 0.00	23.68 1.61 0.00	23.05 1.51 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.01 1.93 0.00	33.68 2.49 -1.61	41.98 2.52 -8.72	31.67 2.24 0.00	25.37 1.53 0.00	24.80 1.43 0.00	24.40 1.25 0.00	23.18 0.81 0.00	22.89 0.77 0.00	23.27 0.81 0.00	23.23 0.91 0.00	25.24 1.58 0.00	29.85 2.29 0.00	31.67 2.56 -0.02	28.49 2.35 0.00	27.59 2.19 -1.37	25.27 1.85 0.00	23.80 1.47 0.00	24.42 2.06 0.00
ISLIP_RES_REC 323679	35.60 2.62 -9.74	36.82 2.47 -12.28	35.56 2.43 -11.58	32.19 2.40 -8.16	33.11 2.53 -8.01	39.19 2.94 -12.16	41.85 3.91 -8.36	43.72 4.21 -8.77	40.89 4.03 -7.43	33.88 3.05 -6.98	30.25 2.90 -3.98	27.14 2.59 -1.40	24.86 2.33 -0.16	29.96 2.37 -5.47	31.36 2.45 -6.46	31.59 2.56 -6.71	33.90 3.07 -7.17	45.04 4.05 -13.43	48.68 4.36 -15.22	42.50 3.84 -12.52	37.57 3.51 -10.02	33.48 3.16 -6.90	31.91 2.68 -6.91	31.88 2.89 -6.63

JAMAICA__27_KV_LOAD 355505	25.16 1.93 0.00	23.81 1.74 0.00	23.25 1.70 0.00	23.29 1.67 0.00	24.34 1.76 0.00	26.23 2.14 0.00	33.80 2.93 -1.28	40.71 3.10 -6.86	37.81 3.30 -5.08	30.64 2.53 -4.27	30.71 2.43 -4.90	28.22 2.18 -2.90	26.50 2.04 -2.09	25.65 1.88 -1.65	25.54 1.91 -1.17	26.51 2.12 -2.08	32.44 2.48 -6.31	52.80 3.20 -22.05	42.13 3.49 -9.55	48.87 3.06 -19.67	30.64 2.81 -3.79	27.59 2.51 -1.66	24.46 2.12 -0.02	24.62 2.26 0.00
JANIS__SOLAR 323808	24.56 1.32 0.00	23.31 1.24 0.00	22.75 1.21 0.00	22.81 1.19 0.00	23.93 1.35 0.00	25.70 1.61 0.00	32.12 2.16 -0.37	35.41 2.61 -2.06	31.57 2.12 -0.02	25.05 1.19 -0.01	24.33 0.96 0.00	23.87 0.72 0.00	22.91 0.54 0.00	22.67 0.55 0.00	23.04 0.58 0.00	23.16 0.85 0.00	24.93 1.28 0.00	29.54 1.99 0.00	31.23 2.12 -0.02	27.90 1.75 -0.02	25.83 1.47 -0.32	24.71 1.29 0.00	23.39 1.07 0.00	23.54 1.18 0.00
JARVIS____ 23743	23.47 0.23 0.00	22.29 0.22 0.00	21.76 0.22 0.00	21.84 0.22 0.00	22.80 0.23 0.00	24.38 0.29 0.00	29.94 0.36 0.00	31.14 0.40 0.00	29.81 0.38 0.00	24.13 0.29 0.00	23.63 0.26 0.00	23.34 0.18 0.00	22.51 0.14 0.00	22.25 0.13 0.00	22.59 0.14 0.00	22.47 0.16 0.00	23.89 0.24 0.00	27.89 0.33 0.00	29.47 0.38 0.00	26.45 0.31 0.00	24.39 0.29 -0.06	23.68 0.26 0.00	22.55 0.22 0.00	22.63 0.27 0.00
JENNISON____1 23625	24.95 1.72 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.16 1.54 0.00	24.32 1.74 0.00	26.11 2.02 0.00	32.66 2.60 -0.47	36.30 2.98 -2.58	32.06 2.62 -0.01	25.52 1.67 -0.01	24.82 1.45 0.00	24.38 1.23 0.00	23.40 1.03 0.00	23.11 1.00 0.00	23.49 1.03 0.00	23.54 1.23 0.00	25.36 1.70 0.00	29.96 2.40 0.00	31.72 2.62 -0.02	28.32 2.17 -0.01	26.29 1.85 -0.40	25.13 1.71 0.00	23.75 1.43 0.00	23.95 1.59 0.00
JENNISON____2 23626	24.95 1.72 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.16 1.54 0.00	24.32 1.74 0.00	26.11 2.02 0.00	32.66 2.60 -0.47	36.30 2.98 -2.58	32.06 2.62 -0.01	25.52 1.67 -0.01	24.82 1.45 0.00	24.38 1.23 0.00	23.40 1.03 0.00	23.11 1.00 0.00	23.49 1.03 0.00	23.54 1.23 0.00	25.36 1.70 0.00	29.96 2.40 0.00	31.72 2.62 -0.02	28.32 2.17 -0.01	26.29 1.85 -0.40	25.13 1.71 0.00	23.75 1.43 0.00	23.95 1.59 0.00
JERICOHO_RISE_WT_PWR 323719	23.00 -0.23 0.00	21.74 -0.33 0.00	21.11 -0.43 0.00	21.19 -0.43 0.00	22.13 -0.45 0.00	23.44 -0.65 0.00	28.70 -0.89 0.00	29.75 -0.98 0.00	28.55 -0.88 0.00	23.34 -0.50 0.00	23.14 -0.23 0.00	23.15 0.00 0.00	22.55 0.18 0.00	22.30 0.18 0.00	22.66 0.20 0.00	22.40 0.09 0.00	23.44 -0.21 0.00	26.95 -0.61 0.00	28.25 -0.84 0.00	25.17 -0.97 0.00	21.83 -1.06 1.15	22.39 -1.03 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01
KATONAH__115KV_46KV_TB4 355592	24.95 1.72 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.22 1.60 0.00	24.18 1.60 0.00	25.97 1.88 0.00	33.45 2.57 -1.28	40.44 2.74 -6.97	32.23 2.80 0.00	25.94 2.10 0.00	25.34 1.96 0.00	24.86 1.71 0.00	23.94 1.57 0.00	23.67 1.55 0.00	24.01 1.55 0.00	23.94 1.63 0.00	25.62 1.96 0.00	30.23 2.62 -0.05	32.08 2.88 -0.11	28.72 2.54 -0.04	27.46 2.33 -1.09	25.58 2.15 0.00	24.13 1.81 0.00	24.28 1.92 0.00
KCE_NY_1 323755	24.49 1.25 0.00	23.28 1.21 0.00	22.71 1.16 0.00	22.81 1.19 0.00	23.80 1.22 0.00	25.51 1.42 0.00	32.97 1.78 -1.61	41.26 1.81 -8.71	31.11 1.68 0.00	25.11 1.26 0.00	24.57 1.19 0.00	24.17 1.02 0.00	23.16 0.78 0.00	22.87 0.75 0.00	23.22 0.76 0.00	23.16 0.85 0.00	24.88 1.23 0.00	29.27 1.71 0.00	30.97 1.86 -0.02	27.83 1.70 0.00	26.97 1.56 -1.36	24.83 1.41 0.00	23.66 1.34 0.00	23.79 1.43 0.00
KCE_NY_6_ESR 323823	21.96 -1.28 0.00	20.86 -1.21 0.00	20.32 -1.23 0.00	20.39 -1.23 0.00	21.22 -1.35 0.00	22.74 -1.35 0.00	27.40 -2.40 -0.21	29.40 -2.49 -1.15	27.21 -2.21 0.01	21.88 -1.95 0.01	21.46 -1.92 0.00	21.07 -2.08 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.33 -1.99 0.00	21.83 -1.82 0.00	26.07 -1.49 0.00	26.58 -2.50 0.01	24.01 -2.12 0.01	22.01 -2.21 -0.18	21.29 -2.13 0.00	20.36 -1.96 0.00	20.88 -1.48 0.00
KEDC_PORT_JEFF_GT2 24210	35.48 2.51 -9.74	36.68 2.34 -12.28	35.43 2.31 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.02 2.77 -12.16	41.65 3.70 -8.36	43.45 3.94 -8.77	40.66 3.80 -7.43	33.71 2.88 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.71 2.88 -7.17	44.79 3.80 -13.43	48.42 4.10 -15.22	42.26 3.61 -12.52	37.35 3.29 -10.02	33.32 3.00 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
KEDC_PORT_JEFF_GT3 24211	35.48 2.51 -9.74	36.68 2.34 -12.28	35.43 2.31 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.02 2.77 -12.16	41.65 3.70 -8.36	43.45 3.94 -8.77	40.66 3.80 -7.43	33.71 2.88 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.71 2.88 -7.17	44.79 3.80 -13.43	48.42 4.10 -15.22	42.26 3.61 -12.52	37.35 3.29 -10.02	33.32 3.00 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
KEDC_GLWD_GT4 24219	35.14 2.16 -9.74	36.35 2.01 -12.28	35.10 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.01	38.64 2.39 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.24 3.38 -7.43	33.45 2.62 -6.98	29.86 2.50 -3.98	26.93 2.24 -1.54	25.05 2.06 -0.62	29.65 2.06 -5.48	31.01 2.09 -6.46	31.10 2.08 -6.71	33.26 2.44 -7.17	44.15 3.17 -13.43	47.63 3.32 -15.22	41.55 2.90 -12.52	36.70 2.64 -10.02	32.97 2.65 -6.90	31.47 2.23 -6.91	31.43 2.44 -6.63
KEDC_GLWD_GT5 24220	35.14 2.16 -9.74	36.35 2.01 -12.28	35.10 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.01	38.64 2.39 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.24 3.38 -7.43	33.45 2.62 -6.98	29.86 2.50 -3.98	26.93 2.24 -1.54	25.05 2.06 -0.62	29.65 2.06 -5.48	31.01 2.09 -6.46	31.10 2.08 -6.71	33.26 2.44 -7.17	44.15 3.17 -13.43	47.63 3.32 -15.22	41.55 2.90 -12.52	36.70 2.64 -10.02	32.97 2.65 -6.90	31.47 2.23 -6.91	31.43 2.44 -6.63
KENSICO____ 23655	24.86 1.63 0.00	23.57 1.50 0.00	23.03 1.49 0.00	23.12 1.49 0.00	24.11 1.54 0.00	25.92 1.83 0.00	33.33 2.49 -1.26	40.24 2.67 -6.83	32.11 2.68 0.00	25.90 2.05 0.00	25.29 1.92 0.00	24.84 1.69 0.00	23.92 1.54 0.00	23.65 1.53 0.00	24.01 1.55 0.00	23.94 1.63 0.00	25.59 1.94 0.00	30.34 2.56 -0.22	32.32 2.79 -0.43	28.77 2.43 -0.20	27.36 2.24 -1.08	25.51 2.08 0.00	24.09 1.76 0.00	24.26 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.84 1.60 0.00	23.53 1.46 0.00	22.99 1.44 0.00	23.07 1.45 0.00	24.11 1.54 0.00	25.92 1.83 0.00	33.27 2.49 -1.20	39.85 2.61 -6.50	31.96 2.53 0.00	25.59 1.74 0.00	24.96 1.59 0.00	24.47 1.32 0.00	23.38 1.01 0.00	23.09 0.97 0.00	23.47 1.01 0.00	23.40 1.09 0.00	25.14 1.49 0.00	29.71 2.15 0.00	31.52 2.41 -0.02	28.12 1.99 0.00	27.05 2.00 -1.01	25.27 1.85 0.00	23.88 1.56 0.00	24.06 1.70 0.00

KIAC_JFK_GT1 23816	25.07 1.84 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.22 1.60 0.00	24.27 1.69 0.00	26.14 2.05 0.00	33.68 2.81 -1.28	40.61 3.01 -6.86	37.73 3.21 -5.08	30.57 2.46 -4.27	30.64 2.36 -4.90	28.15 2.11 -2.90	26.43 1.97 -2.09	25.58 1.81 -1.65	25.47 1.84 -1.17	26.45 2.05 -2.08	32.37 2.41 -6.31	52.69 3.09 -22.05	42.05 3.40 -9.55	48.76 2.95 -19.67	30.54 2.72 -3.79	27.52 2.44 -1.66	24.39 2.05 -0.02	24.55 2.19 0.00
KIAC_JFK_GT2 23817	25.07 1.84 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.22 1.60 0.00	24.27 1.69 0.00	26.14 2.05 0.00	33.68 2.81 -1.28	40.61 3.01 -6.86	37.73 3.21 -5.08	30.57 2.46 -4.27	30.64 2.36 -4.90	28.15 2.11 -2.90	26.43 1.97 -2.09	25.58 1.81 -1.65	25.47 1.84 -1.17	26.45 2.05 -2.08	32.37 2.41 -6.31	52.69 3.09 -22.05	42.05 3.40 -9.55	48.76 2.95 -19.67	30.54 2.72 -3.79	27.52 2.44 -1.66	24.39 2.05 -0.02	24.55 2.19 0.00
KIAC_JFK____ 323774	25.07 1.84 0.00	23.73 1.66 0.00	23.20 1.66 0.00	23.22 1.60 0.00	24.27 1.69 0.00	26.13 2.05 0.00	33.68 2.81 -1.28	40.62 3.01 -6.86	37.70 3.18 -5.08	30.57 2.46 -4.27	30.66 2.39 -4.90	28.15 2.11 -2.90	26.44 1.97 -2.09	25.58 1.81 -1.65	25.47 1.84 -1.17	26.42 2.03 -2.08	32.38 2.41 -6.31	52.69 3.09 -22.05	42.02 3.37 -9.55	48.76 2.95 -19.67	30.54 2.72 -3.79	27.52 2.44 -1.66	24.35 2.01 -0.02	24.55 2.19 0.00
KINTIGH____ 23543	21.75 -1.49 0.00	20.68 -1.39 0.00	20.23 -1.31 0.00	20.22 -1.41 0.00	21.07 -1.51 0.00	22.55 -1.54 0.00	27.76 -2.01 -0.18	29.66 -2.09 -1.02	27.36 -2.06 0.02	21.74 -2.10 0.01	21.32 -2.06 0.00	20.95 -2.20 0.00	20.14 -2.24 0.00	19.89 -2.23 0.00	20.19 -2.27 0.00	20.21 -2.10 0.00	21.69 -1.96 0.00	25.79 -1.76 0.00	26.87 -2.21 0.01	23.95 -2.17 0.01	22.37 -1.83 -0.16	21.27 -2.15 0.00	20.22 -2.10 0.00	20.75 -1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.37 0.14 0.00	22.07 0.00 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.46 -0.11 0.00	23.85 -0.24 0.00	29.20 -0.38 0.00	30.28 -0.46 0.00	28.99 -0.44 0.00	23.73 -0.12 0.00	23.49 0.12 0.00	23.48 0.32 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.91 0.45 0.00	22.69 0.38 0.00	23.80 0.14 0.00	27.45 -0.11 0.00	28.68 -0.41 0.00	25.59 -0.55 0.00	22.15 -0.72 1.16	22.67 -0.75 0.01	21.70 -0.63 0.00	21.55 -0.80 0.01
LACHUTE____HYDRO 323717	24.84 1.60 0.00	23.68 1.61 0.00	23.05 1.51 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.02 1.93 0.00	33.68 2.49 -1.61	41.98 2.52 -8.72	31.64 2.21 0.00	25.37 1.53 0.00	24.82 1.45 0.00	24.40 1.25 0.00	23.18 0.80 0.00	22.89 0.77 0.00	23.26 0.81 0.00	23.23 0.92 0.00	25.24 1.59 0.00	29.84 2.29 0.00	31.64 2.53 -0.02	28.49 2.35 0.00	27.59 2.19 -1.37	25.27 1.85 0.00	24.29 1.96 0.00	24.41 2.06 0.00
LAWRNCV_115KV_TB1 80681	22.65 -0.58 0.00	21.50 -0.57 0.00	20.96 -0.58 0.00	21.04 -0.58 0.00	21.92 -0.65 0.00	23.17 -0.92 0.00	28.43 -1.15 0.00	29.51 -1.23 0.00	28.17 -1.27 0.00	22.96 -0.88 0.00	22.70 -0.68 0.00	22.76 -0.39 0.00	22.19 -0.18 0.00	21.94 -0.18 0.00	22.28 -0.18 0.00	21.95 -0.36 0.00	22.92 -0.73 0.00	26.37 -1.19 0.00	27.81 -1.28 0.00	25.01 -1.12 0.00	22.00 -1.06 0.98	22.41 -1.01 0.01	21.59 -0.74 0.00	21.48 -0.87 0.01
LEDERLE____ 23769	24.84 1.60 0.00	23.55 1.48 0.00	22.99 1.44 0.00	23.09 1.47 0.00	24.09 1.51 0.00	25.89 1.81 0.00	33.26 2.46 -1.22	39.96 2.61 -6.60	32.05 2.62 0.00	25.82 1.98 0.00	25.24 1.87 0.00	24.75 1.60 0.00	23.85 1.48 0.00	23.56 1.44 0.00	23.94 1.48 0.00	23.85 1.54 0.00	25.52 1.87 0.00	30.20 2.51 -0.14	32.13 2.76 -0.27	28.64 2.38 -0.12	27.27 2.19 -1.04	25.46 2.04 0.00	24.04 1.72 0.00	24.19 1.83 0.00
LIGHTHSE_115KV_TB6 355974	22.84 -0.39 0.00	21.72 -0.35 0.00	21.20 -0.34 0.00	21.26 -0.37 0.00	22.24 -0.34 0.00	23.80 -0.29 0.00	29.40 -0.30 -0.11	31.15 -0.18 -0.59	29.14 -0.29 0.00	23.39 -0.45 0.00	22.88 -0.49 0.00	22.55 -0.60 0.00	21.70 -0.67 0.00	21.48 -0.64 0.00	21.81 -0.65 0.00	21.80 -0.51 0.00	23.21 -0.45 0.00	27.28 -0.28 0.00	28.80 -0.29 0.00	25.77 -0.37 0.00	23.68 -0.36 0.00	22.98 -0.45 0.00	21.83 -0.49 0.00	21.96 -0.40 0.00
LINDEN COGEN____ 23786	24.88 1.65 0.00	23.57 1.50 0.00	23.05 1.51 0.00	23.10 1.47 0.00	24.11 1.54 0.00	25.94 1.85 0.00	33.47 2.60 -1.28	40.37 2.77 -6.86	37.28 2.77 -5.08	30.24 2.12 -4.27	30.29 2.01 -4.90	27.83 1.78 -2.90	26.10 1.63 -2.09	25.38 1.61 -1.65	25.27 1.64 -1.17	26.11 1.72 -2.08	32.00 2.03 -6.31	52.28 2.67 -22.05	41.52 2.88 -9.55	48.34 2.53 -19.67	30.14 2.31 -3.79	27.27 2.18 -1.66	24.15 1.81 -0.02	24.33 1.97 0.00
LINDHRST_69_KV_BK1 356055	35.41 2.44 -9.74	36.62 2.27 -12.28	35.34 2.22 -11.58	31.99 2.21 -8.16	32.89 2.30 -8.00	38.93 2.67 -12.16	41.53 3.58 -8.36	43.32 3.81 -8.77	40.60 3.74 -7.43	33.66 2.84 -6.98	30.04 2.69 -3.98	27.03 2.43 -1.45	24.91 2.19 -0.34	29.83 2.23 -5.47	31.21 2.29 -6.46	31.41 2.39 -6.71	33.66 2.84 -7.17	44.68 3.69 -13.43	48.33 4.01 -15.22	42.16 3.50 -12.52	37.25 3.20 -10.02	33.28 2.95 -6.90	31.78 2.54 -6.91	31.67 2.68 -6.63
LIPA_MISC_IPP 23656	35.44 2.46 -9.74	36.66 2.32 -12.28	35.39 2.26 -11.58	32.04 2.25 -8.16	32.95 2.37 -8.00	39.00 2.75 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.63 3.77 -7.43	33.66 2.84 -6.98	30.02 2.66 -3.98	26.93 2.38 -1.39	24.64 2.13 -0.14	29.78 2.19 -5.47	31.16 2.25 -6.46	31.39 2.36 -6.71	33.66 2.84 -7.17	44.76 3.78 -13.43	48.39 4.07 -15.22	42.23 3.58 -12.52	37.33 3.27 -10.02	33.30 2.97 -6.90	31.78 2.54 -6.91	31.72 2.73 -6.63
LISF__SOLAR 323691	35.48 2.51 -9.74	36.71 2.36 -12.28	35.45 2.33 -11.58	32.08 2.29 -8.16	33.00 2.42 -8.01	39.07 2.82 -12.16	41.68 3.73 -8.36	43.51 3.99 -8.77	40.69 3.82 -7.43	33.71 2.88 -6.98	30.07 2.71 -3.98	26.95 2.41 -1.39	24.68 2.17 -0.14	29.81 2.21 -5.47	31.21 2.29 -6.46	31.43 2.41 -6.71	33.73 2.91 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.31 3.66 -12.52	37.40 3.34 -10.02	33.35 3.02 -6.90	31.80 2.57 -6.91	31.76 2.77 -6.63
LITTLE FALLS____HYD 24013	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.52 0.43 0.00	30.12 0.53 0.00	31.35 0.61 0.00	29.99 0.56 0.00	24.32 0.48 0.00	23.87 0.49 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.75 0.29 0.00	22.62 0.31 0.00	24.06 0.40 0.00	28.03 0.47 0.00	29.56 0.47 0.00	26.50 0.37 0.00	24.46 0.36 -0.06	23.84 0.42 0.00	22.68 0.36 0.00	22.76 0.40 0.00
LITTLRIV_115KV_TB1 356100	22.96 -0.28 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.22 -0.36 0.00	23.49 -0.60 0.00	28.88 -0.71 0.00	30.03 -0.71 0.00	28.61 -0.82 0.00	23.27 -0.57 0.00	22.98 -0.40 0.00	23.04 -0.12 0.00	22.46 0.09 0.00	22.21 0.09 0.00	22.57 0.11 0.00	22.22 -0.09 0.00	23.23 -0.43 0.00	26.73 -0.83 0.00	28.19 -0.90 0.00	25.35 -0.78 0.00	22.33 -0.75 0.96	22.69 -0.73 0.01	21.85 -0.47 0.00	21.70 -0.65 0.01

LI_NEWBRDGE___DRP 323616	34.95 1.97 -9.74	36.18 1.83 -12.28	34.91 1.79 -11.58	31.58 1.79 -8.16	32.46 1.87 -8.00	38.42 2.17 -12.16	40.85 2.90 -8.36	42.62 3.10 -8.77	39.95 3.09 -7.43	33.21 2.38 -6.98	29.60 2.24 -3.98	26.51 2.01 -1.35	24.21 1.83 0.00	29.43 1.84 -5.47	30.78 1.86 -6.46	30.96 1.94 -6.71	33.09 2.27 -7.17	43.93 2.95 -13.43	47.54 3.23 -15.22	41.48 2.82 -12.52	36.63 2.57 -10.02	32.74 2.41 -6.90	31.33 2.10 -6.91	31.20 2.21 -6.63
LOCKPORT_115KV_TB60_63_64 80432	21.63 -1.60 0.00	20.57 -1.50 0.00	20.15 -1.40 0.00	20.11 -1.51 0.00	20.93 -1.65 0.00	22.40 -1.69 0.00	27.21 -2.57 -0.19	29.11 -2.70 -1.07	26.95 -2.47 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.90 -2.41 0.00	21.41 -2.25 0.00	25.57 -1.98 0.00	26.37 -2.71 0.01	23.59 -2.54 0.01	21.85 -2.36 -0.16	20.92 -2.51 0.00	19.87 -2.46 0.00	20.53 -1.83 0.00
LOCKPORT___CC1 323769	21.63 -1.60 0.00	20.55 -1.52 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.88 -1.69 0.00	22.38 -1.71 0.00	27.18 -2.60 -0.19	29.08 -2.74 -1.08	26.80 -2.62 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.92 -2.39 0.00	21.41 -2.25 0.00	25.55 -2.01 0.00	26.23 -2.85 0.01	23.56 -2.56 0.01	21.83 -2.38 -0.17	20.89 -2.53 0.00	20.02 -2.30 0.00	20.53 -1.83 0.00
LOCKPORT___CC2 323770	21.63 -1.60 0.00	20.55 -1.52 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.88 -1.69 0.00	22.38 -1.71 0.00	27.18 -2.60 -0.19	29.08 -2.74 -1.08	26.80 -2.62 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.92 -2.39 0.00	21.41 -2.25 0.00	25.55 -2.01 0.00	26.23 -2.85 0.01	23.56 -2.56 0.01	21.83 -2.38 -0.17	20.89 -2.53 0.00	20.02 -2.30 0.00	20.53 -1.83 0.00
LOCKPORT___CC3 323771	21.63 -1.60 0.00	20.55 -1.52 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.88 -1.69 0.00	22.38 -1.71 0.00	27.18 -2.60 -0.19	29.08 -2.74 -1.08	26.80 -2.62 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.92 -2.39 0.00	21.41 -2.25 0.00	25.55 -2.01 0.00	26.23 -2.85 0.01	23.56 -2.56 0.01	21.83 -2.38 -0.17	20.89 -2.53 0.00	20.02 -2.30 0.00	20.53 -1.83 0.00
LONG_LAKE_PHOENIX 24014	22.61 -0.63 0.00	21.50 -0.57 0.00	20.99 -0.56 0.00	21.06 -0.56 0.00	21.99 -0.59 0.00	23.51 -0.58 0.00	29.12 -0.59 -0.12	30.78 -0.61 -0.66	28.79 -0.65 0.00	23.18 -0.67 0.00	22.65 -0.72 0.00	22.34 -0.81 0.00	21.50 -0.87 0.00	21.26 -0.86 0.00	21.58 -0.88 0.00	21.55 -0.76 0.00	22.97 -0.69 0.00	26.95 -0.61 0.00	28.45 -0.64 0.00	25.48 -0.65 0.00	23.54 -0.60 -0.10	22.74 -0.68 0.00	21.61 -0.71 0.00	21.76 -0.60 0.00
LOVETT___3 23632	24.75 1.51 0.00	23.44 1.37 0.00	22.90 1.36 0.00	22.99 1.36 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.12 2.31 -1.22	39.82 2.46 -6.63	31.91 2.47 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.76 1.39 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.43 1.77 0.00	30.07 2.37 -0.14	31.99 2.62 -0.28	28.51 2.25 -0.13	27.15 2.07 -1.05	25.37 1.94 0.00	23.95 1.63 0.00	24.10 1.74 0.00
LOVETT___4 23642	24.75 1.51 0.00	23.44 1.37 0.00	22.90 1.36 0.00	22.99 1.36 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.12 2.31 -1.22	39.82 2.46 -6.63	31.91 2.47 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.76 1.39 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.43 1.77 0.00	30.07 2.37 -0.14	31.99 2.62 -0.28	28.51 2.25 -0.13	27.15 2.07 -1.05	25.37 1.94 0.00	23.95 1.63 0.00	24.10 1.74 0.00
LOVETT___5 23593	24.75 1.51 0.00	23.44 1.37 0.00	22.90 1.36 0.00	22.99 1.36 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.12 2.31 -1.22	39.82 2.46 -6.63	31.91 2.47 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.76 1.39 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.43 1.77 0.00	30.07 2.37 -0.14	31.99 2.62 -0.28	28.51 2.25 -0.13	27.15 2.07 -1.05	25.37 1.94 0.00	23.95 1.63 0.00	24.10 1.74 0.00
LOWER RAQUET___HYD 24057	22.61 -0.63 0.00	21.43 -0.64 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.85 -0.72 0.00	23.05 -1.04 0.00	28.34 -1.27 -0.02	29.53 -1.32 -0.12	28.11 -1.32 0.00	22.87 -0.98 0.00	22.60 -0.77 0.00	22.69 -0.46 0.00	22.13 -0.25 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	21.89 -0.42 0.00	22.83 -0.83 0.00	26.29 -1.27 0.00	27.75 -1.34 0.00	24.91 -1.23 0.00	21.94 -1.18 0.92	22.29 -1.12 0.01	21.50 -0.83 0.00	21.39 -0.96 0.01
LOWER___HUDSON 24059	24.37 1.14 0.00	23.17 1.10 0.00	22.62 1.08 0.00	22.71 1.08 0.00	23.68 1.11 0.00	25.36 1.28 0.00	32.70 1.54 -1.58	40.85 1.57 -8.54	30.96 1.53 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.12 0.97 0.00	23.16 0.78 0.00	22.89 0.77 0.00	23.24 0.79 0.00	23.16 0.85 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.80 1.69 -0.02	27.68 1.54 0.00	26.77 1.39 -1.34	24.73 1.31 0.00	23.48 1.16 0.00	23.63 1.27 0.00
LOWVILLE_115KV_TB2 356335	23.42 0.19 0.00	22.22 0.15 0.00	21.70 0.15 0.00	21.75 0.13 0.00	22.78 0.20 0.00	24.35 0.26 0.00	30.11 0.47 -0.05	31.71 0.68 -0.29	29.87 0.44 0.00	24.01 0.17 0.00	23.45 0.07 0.00	23.15 0.00 0.00	22.33 -0.04 0.00	22.07 -0.04 0.00	22.44 -0.02 0.00	22.38 0.07 0.00	23.84 0.19 0.00	27.86 0.30 0.00	29.32 0.23 0.00	26.21 0.08 0.00	23.88 0.02 0.19	23.35 -0.07 0.00	22.30 -0.02 0.00	22.38 0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.47 1.23 0.00	23.26 1.19 0.00	22.69 1.14 0.00	22.79 1.17 0.00	23.80 1.22 0.00	25.48 1.40 0.00	32.94 1.75 -1.61	41.23 1.78 -8.71	31.11 1.68 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.17 1.02 0.00	23.13 0.76 0.00	22.87 0.75 0.00	23.22 0.76 0.00	23.16 0.85 0.00	24.86 1.21 0.00	29.24 1.68 0.00	30.94 1.83 -0.02	27.81 1.67 0.00	26.94 1.54 -1.36	24.80 1.38 0.00	23.48 1.16 0.00	23.77 1.41 0.00
LUTHERNY_35_KV_BK2 355980	24.49 1.25 0.00	23.28 1.21 0.00	22.71 1.16 0.00	22.81 1.19 0.00	23.80 1.22 0.00	25.51 1.42 0.00	32.97 1.78 -1.61	41.26 1.81 -8.71	31.14 1.71 0.00	25.11 1.26 0.00	24.57 1.19 0.00	24.17 1.02 0.00	23.16 0.78 0.00	22.87 0.75 0.00	23.22 0.76 0.00	23.16 0.85 0.00	24.88 1.23 0.00	29.27 1.71 0.00	30.97 1.86 -0.02	27.81 1.67 0.00	26.97 1.56 -1.36	24.83 1.41 0.00	23.51 1.18 0.00	23.79 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	22.86 -0.37 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.17 -0.41 0.00	23.56 -0.53 0.00	29.07 -0.56 -0.04	30.46 -0.49 -0.21	28.81 -0.62 0.00	23.27 -0.57 0.00	22.88 -0.49 0.00	22.76 -0.39 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.00 -0.31 0.00	23.18 -0.47 0.00	26.92 -0.63 0.00	28.39 -0.70 0.00	25.43 -0.71 0.00	22.78 -0.67 0.59	22.72 -0.70 0.00	21.76 -0.56 0.00	21.75 -0.60 0.00

LYONS_FALL_HYD 23570	23.65 0.42 0.00	22.47 0.40 0.00	21.93 0.39 0.00	21.99 0.37 0.00	23.05 0.47 0.00	24.64 0.55 0.00	30.44 0.80 -0.05	31.99 0.98 -0.27	30.23 0.79 0.00	24.30 0.45 0.00	23.75 0.37 0.00	23.43 0.28 0.00	22.57 0.20 0.00	22.32 0.20 0.00	22.68 0.22 0.00	22.62 0.31 0.00	24.10 0.45 0.00	28.19 0.63 0.00	29.73 0.64 0.00	26.61 0.47 0.00	24.34 0.38 0.09	23.70 0.28 0.00	22.59 0.27 0.00	22.67 0.31 0.00
MADISON___COUNTY_LFGE 323628	24.00 0.77 0.00	22.80 0.73 0.00	22.28 0.73 0.00	22.34 0.71 0.00	23.39 0.81 0.00	25.08 0.99 0.00	31.01 1.33 -0.09	32.79 1.57 -0.49	30.82 1.38 0.00	24.73 0.88 0.00	24.15 0.77 0.00	23.78 0.63 0.00	22.89 0.51 0.00	22.61 0.49 0.00	22.95 0.49 0.00	22.94 0.62 0.00	24.46 0.80 0.00	28.69 1.13 0.00	30.28 1.19 0.00	27.10 0.97 0.00	24.96 0.84 -0.07	24.15 0.73 0.00	22.92 0.60 0.00	23.05 0.69 0.00
MALONE___115KV_TB1 356076	23.28 0.05 0.00	22.00 -0.07 0.00	21.39 -0.15 0.00	21.47 -0.15 0.00	22.42 -0.16 0.00	23.75 -0.34 0.00	29.09 -0.50 0.00	30.15 -0.58 0.00	28.84 -0.59 0.00	23.58 -0.26 0.00	23.35 -0.02 0.00	23.38 0.23 0.00	22.78 0.40 0.00	22.50 0.38 0.00	22.86 0.40 0.00	22.60 0.29 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.54 -0.55 0.00	25.51 -0.63 0.00	22.20 -0.75 1.10	22.67 -0.75 0.01	21.74 -0.58 0.00	21.59 -0.76 0.01
MAPLEWOD_115KV_TB3 80458	24.33 1.09 0.00	23.15 1.08 0.00	22.60 1.06 0.00	22.71 1.08 0.00	23.66 1.08 0.00	25.32 1.23 0.00	32.48 1.33 -1.56	40.53 1.32 -8.47	30.79 1.35 0.00	25.01 1.17 0.00	24.52 1.15 0.00	24.08 0.93 0.00	22.91 0.54 0.00	22.65 0.53 0.00	23.00 0.54 0.00	22.91 0.60 0.00	24.53 0.88 0.00	28.80 1.24 0.00	30.45 1.34 -0.02	27.36 1.23 0.00	26.50 1.13 -1.33	24.57 1.15 0.00	23.28 0.96 0.00	23.39 1.03 0.00
MAPLE RIDGE_WT_1 323574	22.49 -0.74 0.00	21.34 -0.73 0.00	20.84 -0.71 0.00	20.91 -0.71 0.00	21.83 -0.74 0.00	23.22 -0.87 0.00	28.49 -1.09 0.00	29.60 -1.14 0.00	28.37 -1.06 0.00	23.08 -0.76 0.00	22.72 -0.65 0.00	22.64 -0.51 0.00	21.97 -0.40 0.00	21.74 -0.38 0.00	22.10 -0.36 0.00	21.91 -0.40 0.00	23.09 -0.57 0.00	26.65 -0.91 0.00	28.04 -1.05 0.00	25.11 -1.02 0.00	21.08 -0.94 2.03	22.52 -0.89 0.01	21.52 -0.80 0.00	21.47 -0.87 0.01
MAPLE RIDGE_WT_2 323611	22.49 -0.74 0.00	21.34 -0.73 0.00	20.84 -0.71 0.00	20.91 -0.71 0.00	21.83 -0.74 0.00	23.22 -0.87 0.00	28.49 -1.09 0.00	29.60 -1.14 0.00	28.37 -1.06 0.00	23.08 -0.76 0.00	22.72 -0.65 0.00	22.64 -0.51 0.00	21.97 -0.40 0.00	21.74 -0.38 0.00	22.10 -0.36 0.00	21.91 -0.40 0.00	23.09 -0.57 0.00	26.65 -0.91 0.00	28.04 -1.05 0.00	25.11 -1.02 0.00	21.08 -0.94 2.03	22.52 -0.89 0.01	21.52 -0.80 0.00	21.47 -0.87 0.01
MARBLE_RIVER_WT_PWR 323696	23.05 -0.19 0.00	21.78 -0.29 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.15 -0.43 0.00	23.49 -0.60 0.00	28.76 -0.83 0.00	29.82 -0.92 0.00	28.61 -0.82 0.00	23.39 -0.45 0.00	23.19 -0.19 0.00	23.17 0.02 0.00	22.57 0.20 0.00	22.30 0.18 0.00	22.66 0.20 0.00	22.40 0.09 0.00	23.46 -0.19 0.00	27.01 -0.55 0.00	28.31 -0.78 0.00	25.19 -0.94 0.00	21.84 -1.03 1.17	22.41 -1.01 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01
MARSHVLE_115KV_TB1 80742	25.00 1.77 0.00	23.79 1.72 0.00	23.20 1.66 0.00	23.31 1.69 0.00	24.38 1.81 0.00	26.23 2.14 0.00	34.27 2.84 -1.84	43.68 2.95 -9.99	32.08 2.65 0.00	25.63 1.79 0.00	24.96 1.59 0.00	24.59 1.44 0.00	23.58 1.21 0.00	23.29 1.17 0.00	23.67 1.21 0.00	23.67 1.36 0.00	25.59 1.94 0.00	30.26 2.70 0.00	32.02 2.91 -0.02	28.67 2.54 0.00	27.89 2.28 -1.56	25.44 2.01 0.00	24.00 1.67 0.00	24.13 1.77 0.00
MARSH_HILL_WT_PWR 323713	23.96 0.72 0.00	22.69 0.62 0.00	22.17 0.63 0.00	22.27 0.65 0.00	23.25 0.68 0.00	25.03 0.94 0.00	31.01 1.12 -0.30	33.70 1.29 -1.67	30.78 1.33 -0.02	24.70 0.83 -0.02	24.03 0.65 0.00	23.57 0.42 0.00	22.60 0.22 0.00	22.30 0.18 0.00	22.68 0.22 0.00	22.76 0.45 0.00	24.43 0.78 0.00	28.96 1.40 0.00	30.19 1.08 -0.03	27.05 0.89 -0.02	24.83 0.53 -0.26	23.94 0.51 0.00	22.63 0.31 0.00	22.89 0.54 0.00
MCINTYRE_115KV_TB2 80467	23.10 -0.14 0.00	21.89 -0.18 0.00	21.35 -0.19 0.00	21.45 -0.17 0.00	22.44 -0.14 0.00	23.75 -0.34 0.00	29.17 -0.41 0.00	30.34 -0.40 0.00	28.90 -0.53 0.00	23.49 -0.36 0.00	23.19 -0.19 0.00	23.22 0.07 0.00	22.66 0.29 0.00	22.41 0.29 0.00	22.77 0.31 0.00	22.44 0.13 0.00	23.47 -0.19 0.00	27.01 -0.55 0.00	28.51 -0.58 0.00	25.66 -0.47 0.00	22.59 -0.46 0.99	22.97 -0.45 0.01	22.10 -0.22 0.00	21.93 -0.42 0.01
MECO___69_KV_BK1 80468	26.07 2.83 0.00	24.83 2.76 0.00	24.20 2.65 0.00	24.33 2.70 0.00	25.45 2.87 0.00	27.44 3.35 0.00	35.65 4.29 -1.77	44.62 4.27 -9.60	33.14 3.71 0.00	26.37 2.53 0.00	25.60 2.22 0.00	25.19 2.04 0.00	24.12 1.75 0.00	23.80 1.68 0.00	24.21 1.75 0.00	24.32 2.01 0.00	26.49 2.84 0.00	31.50 3.94 0.00	33.36 4.25 -0.02	29.90 3.76 0.00	28.96 3.41 -1.50	26.44 3.02 0.00	24.87 2.54 0.00	25.04 2.68 0.00
MENANDS___115KV_TB5 355628	24.26 1.02 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.59 1.02 0.00	25.22 1.13 0.00	32.30 1.15 -1.56	40.32 1.14 -8.44	30.61 1.18 0.00	24.92 1.07 0.00	24.45 1.08 0.00	24.01 0.86 0.00	22.82 0.45 0.00	22.56 0.44 0.00	22.91 0.45 0.00	22.82 0.51 0.00	24.44 0.78 0.00	28.66 1.10 0.00	30.30 1.19 -0.02	27.23 1.10 0.00	26.37 1.01 -1.32	24.48 1.05 0.00	23.21 0.89 0.00	23.32 0.96 0.00
MG INDUSTRY___DRP 24185	24.26 1.02 0.00	23.06 0.99 0.00	22.52 0.97 0.00	22.62 0.99 0.00	23.59 1.02 0.00	25.22 1.13 0.00	32.39 1.27 -1.53	40.31 1.29 -8.28	30.70 1.27 0.00	24.85 1.00 0.00	24.33 0.96 0.00	23.94 0.79 0.00	22.89 0.51 0.00	22.65 0.53 0.00	23.00 0.54 0.00	22.91 0.60 0.00	24.48 0.83 0.00	28.66 1.10 0.00	30.27 1.16 -0.02	27.23 1.10 0.00	26.32 0.99 -1.30	24.43 1.01 0.00	23.19 0.87 0.00	23.30 0.94 0.00
MID___OSWEGATCHIE_HYD 23849	22.86 -0.37 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.17 -0.41 0.00	23.56 -0.53 0.00	29.07 -0.56 -0.04	30.46 -0.49 -0.21	28.81 -0.62 0.00	23.27 -0.57 0.00	22.88 -0.49 0.00	22.76 -0.39 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.00 -0.31 0.00	23.18 -0.47 0.00	26.92 -0.63 0.00	28.39 -0.70 0.00	25.43 -0.71 0.00	22.78 -0.67 0.59	22.72 -0.70 0.00	21.76 -0.56 0.00	21.75 -0.60 0.00
MID___RAQUETTE_HYD 23851	22.61 -0.63 0.00	21.43 -0.64 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.83 -0.75 0.00	23.05 -1.04 0.00	28.34 -1.27 -0.02	29.53 -1.32 -0.12	28.05 -1.38 0.00	22.87 -0.98 0.00	22.60 -0.77 0.00	22.69 -0.46 0.00	22.13 -0.25 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	21.89 -0.42 0.00	22.83 -0.83 0.00	26.29 -1.27 0.00	27.69 -1.40 0.00	24.88 -1.25 0.00	21.94 -1.18 0.92	22.29 -1.12 0.01	21.50 -0.83 0.00	21.39 -0.96 0.01

MILLIKEN___1 23584	23.70 0.46 0.00	22.51 0.44 0.00	21.98 0.43 0.00	22.06 0.43 0.00	23.05 0.47 0.00	24.71 0.63 0.00	30.76 0.89 -0.28	33.65 1.32 -1.59	30.63 1.18 -0.02	24.33 0.48 -0.01	23.73 0.35 0.00	23.34 0.19 0.00	22.44 0.07 0.00	22.16 0.04 0.00	22.50 0.04 0.00	22.51 0.20 0.00	24.10 0.45 0.00	28.41 0.85 0.00	30.01 0.90 -0.02	26.83 0.68 -0.02	24.83 0.55 -0.24	23.87 0.45 0.00	22.61 0.29 0.00	22.78 0.42 0.00
MILLIKEN___2 23585	23.70 0.46 0.00	22.51 0.44 0.00	21.98 0.43 0.00	22.06 0.43 0.00	23.05 0.47 0.00	24.71 0.63 0.00	30.76 0.89 -0.28	33.65 1.32 -1.59	30.63 1.18 -0.02	24.33 0.48 -0.01	23.73 0.35 0.00	23.34 0.19 0.00	22.44 0.07 0.00	22.16 0.04 0.00	22.50 0.04 0.00	22.51 0.20 0.00	24.10 0.45 0.00	28.41 0.85 0.00	30.01 0.90 -0.02	26.83 0.68 -0.02	24.83 0.55 -0.24	23.87 0.45 0.00	22.61 0.29 0.00	22.78 0.42 0.00
MILLIKEN___DIESEL 23629	23.70 0.46 0.00	22.51 0.44 0.00	21.98 0.43 0.00	22.06 0.43 0.00	23.05 0.47 0.00	24.71 0.63 0.00	30.76 0.89 -0.28	33.65 1.32 -1.59	30.63 1.18 -0.02	24.33 0.48 -0.01	23.73 0.35 0.00	23.34 0.19 0.00	22.44 0.07 0.00	22.16 0.04 0.00	22.50 0.04 0.00	22.51 0.20 0.00	24.10 0.45 0.00	28.41 0.85 0.00	30.01 0.90 -0.02	26.83 0.68 -0.02	24.83 0.55 -0.24	23.87 0.45 0.00	22.61 0.29 0.00	22.78 0.42 0.00
MILLSEAT___LFGE 323607	22.05 -1.18 0.00	20.97 -1.10 0.00	20.40 -1.14 0.00	20.48 -1.15 0.00	21.31 -1.26 0.00	22.91 -1.18 0.00	27.88 -1.89 -0.19	29.86 -1.94 -1.05	27.47 -1.94 0.02	21.90 -1.93 0.01	21.48 -1.89 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.26 -2.20 0.00	20.37 -1.94 0.00	21.90 -1.75 0.00	26.12 -1.43 0.00	26.93 -2.15 0.01	24.13 -1.99 0.01	22.37 -1.83 -0.16	21.38 -2.04 0.00	20.42 -1.90 0.00	20.93 -1.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.81 1.58 0.00	23.53 1.46 0.00	22.99 1.44 0.00	23.07 1.45 0.00	24.07 1.49 0.00	25.87 1.78 0.00	33.27 2.43 -1.25	40.12 2.58 -6.80	32.05 2.62 0.00	25.82 1.98 0.00	25.24 1.87 0.00	24.77 1.62 0.00	23.87 1.50 0.00	23.58 1.46 0.00	23.94 1.48 0.00	23.87 1.56 0.00	25.55 1.89 0.00	30.23 2.48 -0.19	32.20 2.73 -0.37	28.69 2.38 -0.17	27.28 2.16 -1.08	25.46 2.04 0.00	24.04 1.72 0.00	24.19 1.83 0.00
MILLWOOD_13_KV_LOAD 356217	24.88 1.65 0.00	23.59 1.52 0.00	23.03 1.49 0.00	23.14 1.51 0.00	24.14 1.56 0.00	25.92 1.83 0.00	33.33 2.49 -1.25	40.21 2.67 -6.80	32.14 2.71 0.00	25.90 2.05 0.00	25.32 1.94 0.00	24.82 1.67 0.00	23.92 1.54 0.00	23.65 1.53 0.00	23.98 1.53 0.00	23.92 1.61 0.00	25.59 1.94 0.00	30.31 2.56 -0.19	32.28 2.82 -0.37	28.76 2.46 -0.17	27.38 2.26 -1.08	25.53 2.11 0.00	24.09 1.76 0.00	24.26 1.90 0.00
MODEL_CITY_ENERGY 24167	21.42 -1.81 0.00	20.37 -1.70 0.00	19.84 -1.70 0.00	19.92 -1.71 0.00	20.68 -1.90 0.00	22.16 -1.93 0.00	26.91 -2.87 -0.19	28.81 -3.01 -1.09	26.54 -2.88 0.01	21.16 -2.67 0.01	20.80 -2.57 0.00	20.40 -2.76 0.00	19.58 -2.80 0.00	19.33 -2.79 0.00	19.61 -2.85 0.00	19.70 -2.61 0.00	21.17 -2.48 0.00	25.27 -2.29 0.00	25.94 -3.14 0.01	23.33 -2.80 0.01	21.64 -2.57 -0.17	20.68 -2.74 0.00	19.84 -2.48 0.00	20.32 -2.03 0.00
MODERN_LFGE___ 323580	21.42 -1.81 0.00	20.37 -1.70 0.00	19.84 -1.70 0.00	19.92 -1.71 0.00	20.68 -1.90 0.00	22.16 -1.93 0.00	26.91 -2.87 -0.19	28.81 -3.01 -1.09	26.54 -2.88 0.01	21.16 -2.67 0.01	20.80 -2.57 0.00	20.40 -2.76 0.00	19.58 -2.80 0.00	19.33 -2.79 0.00	19.61 -2.85 0.00	19.70 -2.61 0.00	21.17 -2.48 0.00	25.27 -2.29 0.00	25.94 -3.14 0.01	23.33 -2.80 0.01	21.64 -2.57 -0.17	20.68 -2.74 0.00	19.84 -2.48 0.00	20.32 -2.03 0.00
MOHAWK_PAPER___DRP 24187	24.33 1.09 0.00	23.15 1.08 0.00	22.60 1.06 0.00	22.71 1.08 0.00	23.66 1.08 0.00	25.32 1.23 0.00	32.48 1.33 -1.56	40.53 1.32 -8.47	30.79 1.35 0.00	25.01 1.17 0.00	24.52 1.15 0.00	24.08 0.93 0.00	22.91 0.54 0.00	22.65 0.53 0.00	23.00 0.54 0.00	22.91 0.60 0.00	24.53 0.88 0.00	28.80 1.24 0.00	30.45 1.34 -0.02	27.36 1.23 0.00	26.50 1.13 -1.33	24.57 1.15 0.00	23.28 0.96 0.00	23.39 1.03 0.00
MOHICAN___35_KV_115KV_LD 80490	24.28 1.05 0.00	23.09 1.02 0.00	22.52 0.97 0.00	22.64 1.02 0.00	23.62 1.04 0.00	25.34 1.25 0.00	32.82 1.63 -1.61	41.09 1.63 -8.72	30.90 1.47 0.00	24.87 1.03 0.00	24.38 1.01 0.00	23.98 0.83 0.00	22.87 0.49 0.00	22.61 0.49 0.00	22.95 0.49 0.00	22.89 0.58 0.00	24.70 1.04 0.00	29.10 1.54 0.00	30.86 1.75 -0.02	27.73 1.59 0.00	26.87 1.47 -1.36	24.66 1.24 0.00	23.30 0.98 0.00	23.86 1.50 0.00
MONGAUP___HYD 23641	24.58 1.35 0.00	23.31 1.24 0.00	22.77 1.23 0.00	22.86 1.23 0.00	23.86 1.29 0.00	25.63 1.54 0.00	32.55 1.81 -1.16	38.90 1.88 -6.29	31.20 1.77 0.00	25.20 1.36 0.00	24.61 1.24 0.00	24.15 0.99 0.00	23.22 0.85 0.00	22.98 0.86 0.00	23.33 0.87 0.00	23.27 0.96 0.00	25.03 1.37 0.00	29.40 1.77 -0.08	31.24 1.98 -0.17	28.09 1.88 -0.07	26.69 1.66 -0.99	24.94 1.52 0.00	23.55 1.23 0.00	23.77 1.41 0.00
MONTAUK___DIESEL 23721	36.20 3.23 -9.74	37.41 3.07 -12.28	36.12 2.99 -11.58	32.73 2.94 -8.16	33.68 3.09 -8.00	39.82 3.56 -12.16	42.68 4.73 -8.36	44.55 5.04 -8.77	41.69 4.83 -7.43	34.45 3.62 -6.98	30.77 3.41 -3.98	27.62 3.08 -1.39	25.29 2.77 -0.14	30.38 2.79 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.80 -13.43	49.49 5.18 -15.22	43.20 4.55 -12.52	38.19 4.13 -10.02	34.05 3.72 -6.90	32.43 3.19 -6.91	32.39 3.40 -6.63
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.14 -1.09 0.00	20.88 -1.19 0.00	20.43 -1.12 0.00	20.59 -1.04 0.00	21.31 -1.26 0.00	22.93 -1.16 0.00	27.74 -2.07 -0.22	29.79 -2.18 -1.24	27.78 -1.65 0.01	22.31 -1.53 0.01	21.83 -1.54 0.00	21.44 -1.71 0.00	20.54 -1.83 0.00	20.22 -1.90 0.00	20.50 -1.95 0.00	20.62 -1.70 0.00	22.16 -1.49 0.00	26.43 -1.13 0.00	26.99 -2.09 0.00	24.14 -1.99 0.01	21.95 -2.28 -0.19	21.39 -2.04 0.00	20.20 -2.12 0.00	21.00 -1.36 0.00
MORTIMER_115KV_TB3 55949	22.33 -0.91 0.00	21.23 -0.84 0.00	20.75 -0.80 0.00	20.76 -0.86 0.00	21.67 -0.90 0.00	23.22 -0.87 0.00	28.67 -1.09 -0.17	30.66 -1.05 -0.96	28.29 -1.12 0.02	22.52 -1.31 0.01	22.07 -1.31 0.00	21.69 -1.46 0.00	20.85 -1.52 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.95 -1.36 0.00	22.45 -1.21 0.00	26.59 -0.96 0.00	27.85 -1.22 0.02	24.84 -1.28 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	20.94 -1.38 0.00	21.35 -1.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.87	37.50 2.88 -5.19	30.42 2.22 -4.36	30.46 2.08 -5.00	27.96 1.85 -2.95	26.21 1.70 -2.13	25.48 1.68 -1.68	25.36 1.71 -1.19	26.22 1.78 -2.13	32.19 2.11 -6.43	52.80 2.76 -22.48	41.82 3.00 -9.74	48.81 2.61 -20.06	30.28 2.40 -3.84	27.39 2.27 -1.70	24.28 1.94 -0.02	24.42 2.06 0.00

MUNSVILLE_WIND_PWR 323609	25.58 2.35 0.00	24.26 2.19 0.00	23.68 2.13 0.00	23.72 2.10 0.00	25.02 2.44 0.00	26.88 2.79 0.00	33.58 3.58 -0.42	37.27 4.21 -2.33	32.98 3.53 -0.01	26.07 2.22 -0.01	25.31 1.94 0.00	24.82 1.67 0.00	23.78 1.41 0.00	23.54 1.42 0.00	23.92 1.46 0.00	24.03 1.72 0.00	25.97 2.32 0.00	30.78 3.22 0.00	32.63 3.52 -0.02	29.05 2.90 -0.01	26.88 2.48 -0.36	25.67 2.25 0.00	24.24 1.92 0.00	24.44 2.08 0.00
N SALMON___HYD 24042	23.28 0.05 0.00	22.00 -0.07 0.00	21.40 -0.15 0.00	21.47 -0.15 0.00	22.42 -0.16 0.00	23.75 -0.34 0.00	29.09 -0.50 0.00	30.15 -0.58 0.00	28.90 -0.53 0.00	23.58 -0.26 0.00	23.35 -0.02 0.00	23.38 0.23 0.00	22.78 0.40 0.00	22.49 0.38 0.00	22.86 0.40 0.00	22.60 0.29 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.60 -0.49 0.00	25.51 -0.63 0.00	22.20 -0.75 1.10	22.67 -0.75 0.01	21.72 -0.60 0.00	21.59 -0.76 0.01
N.AKRON___115KV_KNAPP 355671	22.05 -1.18 0.00	20.94 -1.13 0.00	20.51 -1.03 0.00	20.48 -1.15 0.00	21.34 -1.24 0.00	22.88 -1.20 0.00	27.88 -1.89 -0.19	29.83 -1.97 -1.06	27.59 -1.82 0.02	21.90 -1.93 0.01	21.46 -1.92 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.26 -2.20 0.00	20.33 -1.99 0.00	21.88 -1.77 0.00	26.13 -1.43 0.00	27.04 -2.04 0.01	24.16 -1.96 0.01	22.35 -1.85 -0.16	21.39 -2.04 0.00	20.29 -2.03 0.00	20.93 -1.43 0.00
N.BELMOR_69_KV_BK1 55787	35.16 2.18 -9.74	36.38 2.03 -12.28	35.11 1.98 -11.58	31.78 1.99 -8.16	32.64 2.05 -8.00	38.64 2.38 -12.16	41.14 3.20 -8.36	42.92 3.41 -8.77	40.25 3.38 -7.43	33.40 2.58 -6.98	29.83 2.48 -3.98	26.94 2.20 -1.59	25.18 2.01 -0.79	29.63 2.03 -5.47	30.98 2.07 -6.46	31.16 2.14 -6.71	33.33 2.51 -7.17	44.26 3.28 -13.43	47.89 3.58 -15.22	41.79 3.14 -12.52	36.89 2.84 -10.02	32.99 2.67 -6.90	31.53 2.30 -6.91	31.43 2.44 -6.63
N.E_GEN_SANDY PD 24062	32.01 1.32 -7.45	30.70 1.26 -7.37	30.10 1.23 -7.33	29.90 1.23 -7.04	31.29 1.29 -7.43	33.00 1.47 -7.44	42.70 1.87 -11.25	48.96 1.97 -16.25	39.85 1.94 -8.47	27.90 1.55 -2.51	25.40 1.47 -0.55	24.38 1.23 0.00	26.80 1.39 -3.04	26.70 1.37 -3.21	29.30 1.37 -5.47	31.59 1.45 -7.83	39.16 1.73 -13.78	50.50 2.26 -20.68	51.70 2.47 -20.14	45.50 2.17 -17.20	47.00 1.97 -20.99	43.70 1.87 -18.40	37.27 1.59 -13.36	33.30 1.79 -9.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.77 1.53 0.00	23.48 1.41 0.00	22.95 1.40 0.00	23.03 1.41 0.00	24.02 1.44 0.00	25.82 1.73 0.00	33.17 2.37 -1.22	39.87 2.52 -6.62	31.96 2.53 0.00	25.75 1.91 0.00	25.17 1.80 0.00	24.70 1.55 0.00	23.78 1.41 0.00	23.51 1.39 0.00	23.87 1.41 0.00	23.78 1.47 0.00	25.48 1.82 0.00	30.12 2.43 -0.14	32.04 2.68 -0.28	28.56 2.30 -0.13	27.20 2.12 -1.04	25.39 1.97 0.00	23.97 1.65 0.00	24.15 1.79 0.00
N.QUEENS_27_KV_LOAD 356247	25.02 1.79 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.33 1.71 0.00	24.32 1.74 0.00	26.11 2.02 0.00	33.68 2.81 -1.28	40.69 3.10 -6.85	37.65 3.12 -5.09	30.49 2.36 -4.28	30.53 2.24 -4.91	28.05 1.99 -2.90	26.31 1.83 -2.10	25.59 1.81 -1.66	25.47 1.84 -1.18	26.34 1.94 -2.09	32.24 2.27 -6.31	52.56 2.95 -22.06	41.88 3.23 -9.56	48.64 2.82 -19.68	30.41 2.57 -3.79	27.53 2.44 -1.67	24.33 2.01 0.00	24.51 2.15 0.00
N.TROY___115KV_TB1 355778	24.37 1.14 0.00	23.17 1.10 0.00	22.60 1.06 0.00	22.71 1.08 0.00	23.68 1.11 0.00	25.36 1.28 0.00	32.70 1.54 -1.58	40.85 1.57 -8.54	30.99 1.56 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.12 0.97 0.00	23.16 0.78 0.00	22.89 0.77 0.00	23.24 0.79 0.00	23.16 0.85 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.83 1.72 -0.02	27.68 1.54 0.00	26.77 1.39 -1.34	24.76 1.34 0.00	23.46 1.14 0.00	23.63 1.27 0.00
NARROWS_GT1_1 24228	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_2 24229	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_3 24230	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_4 24231	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_5 24232	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_6 24233	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT1_7 24234	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01

NARROWS_GT1_8 24235	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_1 24236	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_2 24237	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_3 24238	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_4 24239	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_5 24240	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_6 24241	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_7 24242	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NARROWS_GT2_8 24243	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.77 1.53 0.00	23.59 1.52 0.00	23.03 1.49 0.00	23.14 1.51 0.00	24.14 1.56 0.00	25.82 1.73 0.00	32.66 1.60 -1.47	40.23 1.51 -7.98	30.99 1.56 0.00	24.92 1.07 0.00	24.40 1.03 0.00	23.91 0.76 0.00	22.80 0.43 0.00	22.56 0.44 0.00	22.93 0.47 0.00	22.87 0.56 0.00	24.67 1.02 0.00	29.07 1.52 0.00	30.77 1.66 -0.02	27.65 1.52 0.00	26.47 1.18 -1.25	24.78 1.36 0.00	23.48 1.16 0.00	23.63 1.27 0.00
NCHELSEA_115KV_TR2 355582	24.91 1.67 0.00	23.61 1.54 0.00	23.05 1.51 0.00	23.16 1.54 0.00	24.16 1.58 0.00	25.94 1.85 0.00	33.32 2.46 -1.28	40.24 2.58 -6.92	31.99 2.56 0.00	25.70 1.86 0.00	25.13 1.75 0.00	24.63 1.48 0.00	23.72 1.34 0.00	23.45 1.33 0.00	23.83 1.37 0.00	23.74 1.43 0.00	25.45 1.80 0.00	29.98 2.43 0.00	31.78 2.68 -0.02	28.43 2.30 0.00	27.19 2.07 -1.08	25.37 1.94 0.00	24.00 1.67 0.00	24.15 1.79 0.00
NEG CAPITAL___MECHNVIL 23645	24.51 1.28 0.00	23.31 1.24 0.00	22.73 1.18 0.00	22.83 1.21 0.00	23.82 1.24 0.00	25.53 1.45 0.00	32.99 1.81 -1.60	41.24 1.84 -8.66	31.17 1.74 0.00	25.16 1.31 0.00	24.61 1.24 0.00	24.22 1.07 0.00	23.20 0.83 0.00	22.91 0.80 0.00	23.29 0.83 0.00	23.20 0.89 0.00	24.93 1.28 0.00	29.32 1.77 0.00	31.03 1.92 -0.02	27.89 1.75 0.00	27.01 1.61 -1.35	24.88 1.45 0.00	23.66 1.34 0.00	23.79 1.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.07 -1.16 0.00	20.99 -1.08 0.00	20.45 -1.10 0.00	20.52 -1.10 0.00	21.43 -1.15 0.00	22.98 -1.11 0.00	28.46 -1.30 -0.17	30.49 -1.20 -0.95	28.08 -1.32 0.03	22.37 -1.46 0.02	21.90 -1.47 0.00	21.53 -1.62 0.00	20.69 -1.68 0.00	20.46 -1.66 0.00	20.80 -1.66 0.00	20.82 -1.49 0.00	22.26 -1.40 0.00	26.32 -1.24 0.00	27.55 -1.51 0.02	24.62 -1.49 0.03	22.91 -1.27 -0.14	21.88 -1.55 0.00	20.85 -1.47 0.00	21.11 -1.25 0.00
NEG CENTRAL___DRP 24199	23.19 -0.05 0.00	22.03 -0.04 0.00	21.50 -0.04 0.00	21.58 -0.04 0.00	22.56 -0.02 0.00	24.18 0.10 0.00	30.01 0.24 -0.19	32.51 0.71 -1.06	30.21 0.68 -0.10	23.80 -0.12 -0.07	23.14 -0.23 0.00	22.78 -0.37 0.00	21.88 -0.49 0.00	21.61 -0.51 0.00	21.96 -0.49 0.00	21.98 -0.33 0.00	23.51 -0.14 0.00	27.75 0.19 0.00	29.30 0.12 -0.09	26.21 -0.03 -0.10	24.10 -0.10 -0.15	23.21 -0.21 0.00	21.99 -0.33 0.00	22.20 -0.16 0.00
NEG CENTRAL___INDECK 23768	23.68 0.44 0.00	22.44 0.37 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.71 0.63 0.00	30.59 0.74 -0.26	33.07 0.89 -1.44	30.15 0.71 -0.01	23.99 0.14 -0.01	23.35 -0.02 0.00	22.96 -0.19 0.00	22.04 -0.33 0.00	21.79 -0.33 0.00	22.19 -0.27 0.00	22.33 0.02 0.00	24.03 0.38 0.00	28.55 0.99 0.00	29.86 0.76 -0.01	26.70 0.55 -0.01	24.65 0.38 -0.22	23.59 0.17 0.00	22.34 0.02 0.00	22.65 0.29 0.00



NEG CENTRAL___SENECA 23627	23.37 0.14 0.00	22.18 0.11 0.00	21.67 0.13 0.00	21.73 0.11 0.00	22.71 0.14 0.00	24.40 0.31 0.00	30.27 0.47 -0.21	32.61 0.71 -1.17	30.33 0.74 -0.16	24.05 0.10 -0.11	23.33 -0.05 0.00	22.92 -0.23 0.00	21.99 -0.38 0.00	21.72 -0.40 0.00	22.10 -0.36 0.00	22.13 -0.18 0.00	23.73 0.07 0.00	28.08 0.52 0.00	29.65 0.41 -0.15	26.51 0.21 -0.16	24.31 0.10 -0.17	23.38 -0.05 0.00	22.12 -0.20 0.00	22.38 0.02 0.00
NEG CENTRAL___STATE_STREET 24147	23.12 -0.12 0.00	21.96 -0.11 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.49 -0.09 0.00	24.11 0.02 0.00	29.95 0.18 -0.18	32.67 0.89 -1.04	30.26 0.79 -0.03	23.72 -0.14 -0.02	23.14 -0.23 0.00	22.80 -0.35 0.00	21.93 -0.45 0.00	21.68 -0.44 0.00	22.01 -0.45 0.00	21.98 -0.33 0.00	23.47 -0.19 0.00	27.61 0.06 0.00	29.18 0.06 -0.03	26.11 -0.05 -0.03	24.09 -0.10 -0.15	23.21 -0.21 0.00	22.01 -0.31 0.00	22.18 -0.18 0.00
NEG MILLWOOD___DRP 24198	25.02 1.79 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.27 1.69 0.00	26.06 1.98 0.00	33.51 2.63 -1.29	40.51 2.80 -6.98	32.29 2.86 0.00	25.94 2.10 0.00	25.34 1.96 0.00	24.84 1.69 0.00	23.92 1.54 0.00	23.62 1.50 0.00	23.98 1.53 0.00	23.92 1.61 0.00	25.64 1.99 0.00	30.20 2.65 0.00	32.04 2.94 -0.02	28.70 2.56 0.00	27.46 2.33 -1.09	25.58 2.15 0.00	24.15 1.83 0.00	24.30 1.95 0.00
NEG NORTH_FLCN_SEA 23793	23.24 0.00 0.00	21.96 -0.11 0.00	21.31 -0.24 0.00	21.41 -0.22 0.00	22.33 -0.25 0.00	23.68 -0.41 0.00	29.00 -0.59 0.00	30.06 -0.68 0.00	28.81 -0.62 0.00	23.58 -0.26 0.00	23.37 0.00 0.00	23.36 0.21 0.00	22.73 0.36 0.00	22.45 0.33 0.00	22.82 0.36 0.00	22.58 0.27 0.00	23.65 0.00 0.00	27.26 -0.30 0.00	28.48 -0.61 0.00	25.40 -0.73 0.00	22.01 -0.87 1.17	22.55 -0.87 0.01	21.59 -0.74 0.00	21.46 -0.89 0.01
NEG NORTH_KES_CHATEGAY 23792	23.10 -0.14 0.00	21.83 -0.24 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.53 -0.55 0.00	28.82 -0.77 0.00	29.88 -0.86 0.00	28.61 -0.82 0.00	23.44 -0.41 0.00	23.21 -0.16 0.00	23.24 0.09 0.00	22.62 0.25 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.49 0.18 0.00	23.54 -0.12 0.00	27.09 -0.47 0.00	28.30 -0.79 0.00	25.27 -0.86 0.00	21.93 -0.96 1.15	22.48 -0.94 0.01	21.52 -0.80 0.00	21.37 -0.98 0.01
NEG NORTH___ALICE_FALLS 23915	23.37 0.14 0.00	22.07 0.00 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.46 -0.11 0.00	23.85 -0.24 0.00	29.20 -0.38 0.00	30.28 -0.46 0.00	28.99 -0.44 0.00	23.73 -0.12 0.00	23.49 0.12 0.00	23.48 0.32 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.91 0.45 0.00	22.69 0.38 0.00	23.80 0.14 0.00	27.45 -0.11 0.00	28.68 -0.41 0.00	25.59 -0.55 0.00	22.15 -0.72 1.16	22.67 -0.75 0.01	21.70 -0.63 0.00	21.55 -0.80 0.01
NEG NORTH___LWR_SARANAC 23913	23.37 0.14 0.00	22.07 0.00 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.46 -0.11 0.00	23.85 -0.24 0.00	29.20 -0.38 0.00	30.28 -0.46 0.00	28.99 -0.44 0.00	23.73 -0.12 0.00	23.49 0.12 0.00	23.48 0.32 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.91 0.45 0.00	22.69 0.38 0.00	23.80 0.14 0.00	27.45 -0.11 0.00	28.68 -0.41 0.00	25.59 -0.55 0.00	22.15 -0.72 1.16	22.67 -0.75 0.01	21.70 -0.63 0.00	21.55 -0.80 0.01
NEG NORTH___PLATTSBURG 23628	23.38 0.14 0.00	22.07 0.00 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.47 -0.11 0.00	23.85 -0.24 0.00	29.20 -0.39 0.00	30.28 -0.46 0.00	29.05 -0.38 0.00	23.73 -0.12 0.00	23.49 0.12 0.00	23.47 0.32 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.91 0.45 0.00	22.69 0.38 0.00	23.80 0.14 0.00	27.45 -0.11 0.00	28.74 -0.35 0.00	25.58 -0.55 0.00	22.15 -0.72 1.16	22.66 -0.75 0.01	21.70 -0.62 0.00	21.55 -0.80 0.01
NEG WEST_LEA_LOCKPORT 23791	21.63 -1.60 0.00	20.55 -1.52 0.00	20.12 -1.42 0.00	20.09 -1.54 0.00	20.91 -1.67 0.00	22.38 -1.71 0.00	27.18 -2.60 -0.19	29.11 -2.70 -1.08	26.95 -2.47 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.88 -2.43 0.00	21.38 -2.27 0.00	25.55 -2.01 0.00	26.37 -2.71 0.01	23.59 -2.54 0.01	21.83 -2.38 -0.17	20.89 -2.53 0.00	19.87 -2.46 0.00	20.53 -1.83 0.00
NEG WEST___LANCASTER 23811	22.19 -1.05 0.00	21.05 -1.02 0.00	20.60 -0.95 0.00	20.63 -0.99 0.00	21.47 -1.11 0.00	22.98 -1.11 0.00	26.88 -2.93 -0.22	28.95 -3.01 -1.22	27.51 -1.91 0.01	22.24 -1.60 0.01	21.76 -1.61 0.00	21.37 -1.78 0.00	20.52 -1.86 0.00	20.22 -1.90 0.00	20.50 -1.95 0.00	20.57 -1.74 0.00	22.12 -1.54 0.00	26.43 -1.13 0.00	26.76 -2.33 0.01	24.32 -1.80 0.01	21.63 -2.60 -0.19	21.64 -1.78 0.00	20.54 -1.79 0.00	21.20 -1.16 0.00
NEG_PENN_ALLEGHNY 23528	23.63 0.39 0.00	22.42 0.35 0.00	21.91 0.37 0.00	21.99 0.37 0.00	22.96 0.38 0.00	24.59 0.51 0.00	30.65 0.62 -0.44	33.95 0.77 -2.45	30.24 0.79 -0.01	24.33 0.48 -0.01	23.75 0.37 0.00	23.36 0.21 0.00	22.46 0.09 0.00	22.19 0.07 0.00	22.55 0.09 0.00	22.53 0.22 0.00	24.06 0.40 0.00	28.36 0.80 0.00	29.80 0.70 -0.02	26.72 0.57 -0.01	24.85 0.43 -0.38	23.82 0.40 0.00	22.59 0.27 0.00	22.78 0.42 0.00
NEG___GEN_MONROE 24207	22.38 -0.86 0.00	21.25 -0.82 0.00	20.83 -0.71 0.00	20.85 -0.78 0.00	21.74 -0.84 0.00	23.34 -0.75 0.00	28.67 -1.09 -0.17	30.60 -1.11 -0.97	28.27 -1.15 0.02	22.47 -1.36 0.01	22.00 -1.38 0.00	21.62 -1.53 0.00	20.76 -1.61 0.00	20.50 -1.61 0.00	20.86 -1.59 0.00	20.88 -1.43 0.00	22.42 -1.23 0.00	26.59 -0.96 0.00	27.82 -1.25 0.02	24.84 -1.28 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	20.89 -1.43 0.00	21.42 -0.94 0.00
NEPA___ENERGY 23901	22.26 -0.98 0.00	21.10 -0.97 0.00	20.66 -0.88 0.00	20.72 -0.91 0.00	21.54 -1.04 0.00	23.08 -1.01 0.00	27.86 -1.95 -0.22	29.95 -2.03 -1.24	27.92 -1.50 0.01	22.43 -1.41 0.01	21.95 -1.43 0.00	21.55 -1.60 0.00	20.67 -1.70 0.00	20.37 -1.75 0.00	20.66 -1.80 0.00	20.73 -1.58 0.00	22.28 -1.37 0.00	26.59 -0.96 0.00	27.34 -1.75 0.00	24.51 -1.62 0.01	22.38 -1.85 -0.19	21.78 -1.64 0.00	20.65 -1.67 0.00	21.31 -1.05 0.00
NEVERSINK___HYD 23608	24.54 1.30 0.00	23.24 1.17 0.00	22.73 1.18 0.00	22.79 1.17 0.00	23.82 1.24 0.00	25.61 1.52 0.00	32.83 2.10 -1.14	39.14 2.21 -6.19	31.52 2.09 0.00	25.23 1.38 0.00	24.64 1.26 0.00	24.15 0.99 0.00	22.60 0.22 0.00	22.32 0.20 0.00	22.68 0.22 0.00	22.62 0.31 0.00	24.32 0.66 0.00	28.69 1.13 0.00	30.47 1.37 -0.01	27.21 1.07 0.00	26.66 1.66 -0.96	24.94 1.52 0.00	23.50 1.18 0.00	23.75 1.39 0.00
NEWKRMKL_115KV_TB1 55635	24.16 0.93 0.00	23.02 0.95 0.00	22.49 0.95 0.00	22.58 0.95 0.00	23.53 0.95 0.00	25.12 1.04 0.00	32.10 0.95 -1.56	40.09 0.89 -8.47	30.40 0.97 0.00	24.77 0.93 0.00	24.36 0.98 0.00	23.89 0.74 0.00	22.73 0.36 0.00	22.47 0.35 0.00	22.82 0.36 0.00	22.73 0.42 0.00	24.34 0.69 0.00	28.55 0.99 0.00	30.16 1.05 -0.02	27.15 1.02 0.00	26.31 0.94 -1.33	24.45 1.03 0.00	23.19 0.87 0.00	23.28 0.92 0.00

NEWTON___FALLS_HYD 23847	22.86 -0.37 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.17 -0.41 0.00	23.56 -0.53 0.00	29.07 -0.56 -0.04	30.46 -0.49 -0.21	28.81 -0.62 0.00	23.27 -0.57 0.00	22.88 -0.49 0.00	22.76 -0.39 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.00 -0.31 0.00	23.18 -0.47 0.00	26.92 -0.63 0.00	28.39 -0.70 0.00	25.43 -0.71 0.00	22.78 -0.67 0.59	22.72 -0.70 0.00	21.76 -0.56 0.00	21.75 -0.60 0.00
NGRID_A1_DSASP 323792	21.19 -2.04 0.00	20.15 -1.92 0.00	19.63 -1.92 0.00	19.70 -1.92 0.00	20.57 -2.01 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.57 -3.26 -1.09	26.30 -3.12 0.01	20.97 -2.86 0.01	20.62 -2.76 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.52 -2.79 0.00	20.96 -2.70 0.00	25.02 -2.53 0.00	25.71 -3.37 0.01	23.09 -3.03 0.01	21.49 -2.72 -0.17	20.52 -2.91 0.00	19.69 -2.63 0.00	20.17 -2.19 0.00
NGRID_A2_DSASP 323793	21.19 -2.04 0.00	20.15 -1.92 0.00	19.63 -1.92 0.00	19.70 -1.92 0.00	20.57 -2.01 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.57 -3.26 -1.09	26.30 -3.12 0.01	20.97 -2.86 0.01	20.62 -2.76 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.52 -2.79 0.00	20.96 -2.70 0.00	25.02 -2.53 0.00	25.71 -3.37 0.01	23.09 -3.03 0.01	21.49 -2.72 -0.17	20.52 -2.91 0.00	19.69 -2.63 0.00	20.17 -2.19 0.00
NGRID_A4_DSASP 323807	21.19 -2.04 0.00	20.15 -1.92 0.00	19.63 -1.92 0.00	19.70 -1.92 0.00	20.57 -2.01 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.57 -3.26 -1.09	26.30 -3.12 0.01	20.97 -2.86 0.01	20.62 -2.76 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.52 -2.79 0.00	20.96 -2.70 0.00	25.02 -2.53 0.00	25.71 -3.37 0.01	23.09 -3.03 0.01	21.49 -2.72 -0.17	20.52 -2.91 0.00	19.69 -2.63 0.00	20.17 -2.19 0.00
NIAGARA_115E_LBMP 323715	21.31 -1.93 0.00	20.26 -1.81 0.00	19.74 -1.81 0.00	19.81 -1.82 0.00	20.55 -2.03 0.00	22.04 -2.05 0.00	26.74 -3.05 -0.20	28.61 -3.23 -1.09	26.33 -3.09 0.01	21.05 -2.79 0.01	20.66 -2.71 0.00	20.28 -2.87 0.00	19.46 -2.91 0.00	19.20 -2.92 0.00	19.49 -2.96 0.00	19.57 -2.75 0.00	21.03 -2.63 0.00	25.11 -2.45 0.00	25.76 -3.32 0.01	23.17 -2.95 0.01	21.49 -2.72 -0.17	20.56 -2.86 0.00	19.71 -2.61 0.00	20.19 -2.17 0.00
NIAGARA_115W_LBMP 323714	21.14 -2.09 0.00	20.11 -1.96 0.00	19.59 -1.96 0.00	19.66 -1.97 0.00	20.52 -2.05 0.00	21.85 -2.24 0.00	26.65 -3.14 -0.20	28.51 -3.32 -1.09	26.24 -3.18 0.01	20.93 -2.91 0.01	20.57 -2.81 0.00	20.19 -2.96 0.00	19.38 -3.00 0.00	19.11 -3.01 0.00	19.40 -3.05 0.00	19.48 -2.83 0.00	20.91 -2.74 0.00	24.97 -2.59 0.00	25.65 -3.43 0.01	23.04 -3.08 0.01	21.44 -2.76 -0.17	20.47 -2.95 0.00	19.64 -2.68 0.00	20.12 -2.24 0.00
NIAGARA_230_LBMP 323716	21.49 -1.74 0.00	20.44 -1.63 0.00	19.93 -1.62 0.00	19.98 -1.64 0.00	20.82 -1.76 0.00	22.23 -1.85 0.00	27.09 -2.69 -0.19	28.96 -2.86 -1.08	26.71 -2.71 0.01	21.33 -2.50 0.01	20.94 -2.43 0.00	20.56 -2.59 0.00	19.73 -2.64 0.00	19.49 -2.63 0.00	19.76 -2.70 0.00	19.83 -2.48 0.00	21.29 -2.37 0.00	25.41 -2.15 0.00	26.11 -2.97 0.01	23.48 -2.64 0.01	21.80 -2.40 -0.17	20.85 -2.58 0.00	20.00 -2.32 0.00	20.48 -1.88 0.00
NIAGARA___115KV_198_GIBSON 55903	21.12 -2.11 0.00	20.11 -1.96 0.00	19.67 -1.87 0.00	19.66 -1.97 0.00	20.46 -2.12 0.00	21.85 -2.24 0.00	26.65 -3.14 -0.20	28.51 -3.32 -1.09	26.36 -3.06 0.01	20.93 -2.91 0.01	20.55 -2.83 0.00	20.19 -2.96 0.00	19.37 -3.00 0.00	19.13 -2.99 0.00	19.40 -3.05 0.00	19.46 -2.86 0.00	20.91 -2.74 0.00	24.97 -2.59 0.00	25.79 -3.29 0.01	23.07 -3.06 0.01	21.44 -2.76 -0.17	20.47 -2.95 0.00	19.49 -2.83 0.00	20.12 -2.24 0.00
NIAGARA____ 23760	21.49 -1.74 0.00	20.44 -1.63 0.00	19.93 -1.62 0.00	19.98 -1.64 0.00	20.82 -1.76 0.00	22.23 -1.85 0.00	27.09 -2.69 -0.20	28.97 -2.86 -1.09	26.71 -2.71 0.01	21.33 -2.50 0.01	20.94 -2.43 0.00	20.56 -2.59 0.00	19.73 -2.64 0.00	19.49 -2.63 0.00	19.76 -2.70 0.00	19.83 -2.48 0.00	21.29 -2.37 0.00	25.41 -2.15 0.00	26.11 -2.97 0.01	23.48 -2.64 0.01	21.80 -2.40 -0.17	20.85 -2.58 0.00	20.00 -2.32 0.00	20.48 -1.88 0.00
NINE_MILE_1 23575	22.35 -0.88 0.00	21.25 -0.82 0.00	20.75 -0.80 0.00	20.82 -0.80 0.00	21.74 -0.83 0.00	23.22 -0.87 0.00	28.65 -1.04 -0.10	30.21 -1.05 -0.51	28.37 -1.06 0.00	22.91 -0.93 0.00	22.42 -0.96 0.00	22.13 -1.02 0.00	21.32 -1.05 0.00	21.10 -1.02 0.00	21.40 -1.06 0.00	21.35 -0.96 0.00	22.71 -0.95 0.00	26.59 -0.97 0.00	28.05 -1.05 0.00	25.14 -0.99 0.00	23.23 -0.89 -0.08	22.46 -0.96 0.00	21.41 -0.92 0.00	21.53 -0.83 0.00
NINE_MILE_2 23744	22.35 -0.88 0.00	21.25 -0.82 0.00	20.75 -0.80 0.00	20.82 -0.80 0.00	21.74 -0.83 0.00	23.22 -0.87 0.00	28.65 -1.04 -0.10	30.20 -1.05 -0.51	28.37 -1.06 0.00	22.91 -0.93 0.00	22.42 -0.96 0.00	22.13 -1.02 0.00	21.32 -1.05 0.00	21.10 -1.02 0.00	21.40 -1.06 0.00	21.35 -0.96 0.00	22.71 -0.95 0.00	26.59 -0.97 0.00	28.05 -1.05 0.00	25.14 -0.99 0.00	23.23 -0.89 -0.08	22.46 -0.96 0.00	21.41 -0.92 0.00	21.53 -0.83 0.00
NM_CAPITAL___DRP 24208	24.21 0.98 0.00	23.06 0.99 0.00	22.52 0.97 0.00	22.62 0.99 0.00	23.57 0.99 0.00	25.17 1.08 0.00	32.21 1.07 -1.55	40.21 1.05 -8.43	30.52 1.09 0.00	24.87 1.03 0.00	24.40 1.03 0.00	23.96 0.81 0.00	22.78 0.40 0.00	22.52 0.40 0.00	22.86 0.40 0.00	22.78 0.47 0.00	24.39 0.73 0.00	28.61 1.05 0.00	30.22 1.11 -0.02	27.18 1.05 0.00	26.33 0.96 -1.32	24.45 1.03 0.00	23.19 0.87 0.00	23.28 0.92 0.00
NM_CENTRAL___DRP 24181	22.82 -0.42 0.00	21.69 -0.38 0.00	21.20 -0.34 0.00	21.26 -0.37 0.00	22.19 -0.38 0.00	23.75 -0.34 0.00	29.40 -0.33 -0.14	31.39 -0.12 -0.78	29.29 -0.15 -0.01	23.46 -0.38 0.00	22.93 -0.44 0.00	22.60 -0.56 0.00	21.75 -0.63 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.78 -0.54 0.00	23.23 -0.43 0.00	27.28 -0.28 0.00	28.77 -0.32 0.00	25.77 -0.37 0.00	23.82 -0.34 -0.12	22.98 -0.45 0.00	21.83 -0.49 0.00	22.00 -0.36 0.00
NM_FRONTIER___DRP 24179	21.12 -2.11 0.00	20.11 -1.96 0.00	19.67 -1.87 0.00	19.66 -1.97 0.00	20.46 -2.12 0.00	21.85 -2.24 0.00	26.65 -3.14 -0.20	28.51 -3.32 -1.09	26.36 -3.06 0.01	20.93 -2.91 0.01	20.55 -2.83 0.00	20.19 -2.96 0.00	19.37 -3.00 0.00	19.13 -2.99 0.00	19.40 -3.05 0.00	19.46 -2.86 0.00	20.91 -2.74 0.00	24.97 -2.59 0.00	25.79 -3.29 0.01	23.07 -3.06 0.01	21.44 -2.76 -0.17	20.47 -2.95 0.00	19.49 -2.83 0.00	20.12 -2.24 0.00
NM_ST_REGIS___HYD 24053	22.72 -0.51 0.00	21.52 -0.55 0.00	20.96 -0.58 0.00	21.06 -0.56 0.00	21.92 -0.65 0.00	23.17 -0.92 0.00	28.46 -1.12 0.00	29.57 -1.17 0.00	28.23 -1.21 0.00	23.01 -0.83 0.00	22.79 -0.58 0.00	22.85 -0.30 0.00	22.26 -0.11 0.00	22.01 -0.11 0.00	22.37 -0.09 0.00	22.04 -0.27 0.00	23.02 -0.64 0.00	26.48 -1.07 0.00	27.84 -1.25 0.00	25.01 -1.12 0.00	21.96 -1.11 0.97	22.36 -1.05 0.01	21.52 -0.80 0.00	21.41 -0.94 0.01

NORTHPORT___1 23551	35.21 2.23 -9.74	36.42 2.07 -12.28	35.17 2.05 -11.58	31.84 2.06 -8.16	32.75 2.17 -8.01	38.71 2.46 -12.16	41.23 3.28 -8.36	42.95 3.44 -8.77	40.19 3.32 -7.43	33.35 2.53 -6.98	29.72 2.36 -3.98	26.64 2.11 -1.38	24.37 1.88 -0.12	29.61 2.01 -5.47	30.96 2.04 -6.46	31.16 2.14 -6.71	33.33 2.51 -7.17	44.21 3.22 -13.43	47.75 3.43 -15.22	41.74 3.08 -12.52	36.92 2.86 -10.02	32.97 2.65 -6.90	31.49 2.25 -6.91	31.45 2.46 -6.63
NORTHPORT___2 23552	35.21 2.23 -9.74	36.42 2.07 -12.28	35.17 2.05 -11.58	31.84 2.06 -8.16	32.75 2.17 -8.01	38.71 2.46 -12.16	41.23 3.28 -8.36	42.95 3.44 -8.77	40.19 3.32 -7.43	33.35 2.53 -6.98	29.72 2.36 -3.98	26.64 2.11 -1.38	24.37 1.88 -0.12	29.61 2.01 -5.47	30.96 2.04 -6.46	31.16 2.14 -6.71	33.33 2.51 -7.17	44.21 3.22 -13.43	47.75 3.43 -15.22	41.74 3.08 -12.52	36.92 2.86 -10.02	32.97 2.65 -6.90	31.49 2.25 -6.91	31.45 2.46 -6.63
NORTHPORT___3 23553	35.02 2.05 -9.74	36.24 1.90 -12.28	35.00 1.87 -11.58	31.67 1.88 -8.16	32.52 1.94 -8.01	38.52 2.26 -12.16	40.76 2.81 -8.36	42.46 2.95 -8.77	39.95 3.09 -7.43	33.28 2.46 -6.98	29.69 2.34 -3.98	26.62 2.08 -1.38	24.37 1.88 -0.12	29.50 1.90 -5.47	30.85 1.93 -6.46	31.05 2.03 -6.71	33.02 2.20 -7.17	43.80 2.81 -13.43	47.37 3.05 -15.22	41.32 2.67 -12.52	36.48 2.43 -10.02	32.67 2.34 -6.90	31.31 2.08 -6.91	31.25 2.26 -6.63
NORTHPORT___4 23650	35.02 2.05 -9.74	36.24 1.90 -12.28	35.00 1.87 -11.58	31.67 1.88 -8.16	32.52 1.94 -8.01	38.52 2.26 -12.16	40.76 2.81 -8.36	42.46 2.95 -8.77	39.95 3.09 -7.43	33.28 2.46 -6.98	29.69 2.34 -3.98	26.62 2.08 -1.38	24.37 1.88 -0.12	29.50 1.90 -5.47	30.85 1.93 -6.46	31.05 2.03 -6.71	33.02 2.20 -7.17	43.80 2.81 -13.43	47.37 3.05 -15.22	41.32 2.67 -12.52	36.48 2.43 -10.02	32.67 2.34 -6.90	31.31 2.08 -6.91	31.25 2.26 -6.63
NORTHPORT___IC 23718	35.21 2.23 -9.74	36.42 2.07 -12.28	35.15 2.03 -11.58	31.84 2.05 -8.16	32.75 2.17 -8.00	38.71 2.46 -12.16	41.23 3.28 -8.36	42.95 3.44 -8.77	40.22 3.36 -7.43	33.35 2.53 -6.98	29.72 2.36 -3.98	26.64 2.11 -1.38	24.37 1.88 -0.12	29.61 2.01 -5.47	30.96 2.04 -6.46	31.16 2.14 -6.71	33.33 2.51 -7.17	44.21 3.22 -13.43	47.78 3.46 -15.22	41.74 3.08 -12.52	36.92 2.86 -10.02	32.97 2.65 -6.90	31.53 2.30 -6.91	31.45 2.46 -6.63
NORTH___COUNTRY_ESR 323785	23.00 -0.23 0.00	21.74 -0.33 0.00	21.11 -0.43 0.00	21.19 -0.43 0.00	22.13 -0.45 0.00	23.44 -0.65 0.00	28.70 -0.89 0.00	29.75 -0.98 0.00	28.55 -0.88 0.00	23.34 -0.50 0.00	23.14 -0.23 0.00	23.15 0.00 0.00	22.55 0.18 0.00	22.30 0.18 0.00	22.66 0.20 0.00	22.40 0.09 0.00	23.44 -0.21 0.00	26.95 -0.61 0.00	28.25 -0.84 0.00	25.17 -0.97 0.00	21.83 -1.06 1.15	22.39 -1.03 0.01	21.45 -0.87 0.00	21.30 -1.05 0.01
NPX_GEN_1385_PROXY 323591	35.14 2.16 -9.74	36.37 2.03 -12.28	35.10 1.98 -11.58	31.95 2.16 -8.16	33.00 2.42 -8.01	38.73 2.48 -12.16	41.88 3.94 -8.36	43.66 4.15 -8.77	40.60 3.74 -7.43	33.52 2.69 -6.98	29.81 2.45 -3.98	26.78 2.24 -1.38	24.42 1.92 -0.12	29.38 1.79 -5.47	30.76 1.84 -6.46	30.96 1.94 -6.71	34.00 2.84 -7.51	44.29 3.31 -13.43	47.63 3.32 -15.22	41.87 3.21 -12.52	38.88 3.20 -11.64	34.66 2.98 -8.26	32.45 2.28 -7.85	30.52 2.46 -5.70
NPX_GEN_CSC 323557	35.51 2.53 -9.74	36.73 2.38 -12.28	35.47 2.35 -11.58	32.10 2.31 -8.16	33.02 2.44 -8.01	39.07 2.82 -12.16	41.71 3.76 -8.36	43.51 3.99 -8.77	40.72 3.85 -7.43	33.73 2.91 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.73 2.91 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.34 3.69 -12.52	37.42 3.37 -10.02	33.35 3.02 -6.90	32.74 2.57 -7.85	30.85 2.79 -5.70
NSINS_S_GLNS_FALLS 23858	24.21 0.98 0.00	23.04 0.97 0.00	22.45 0.90 0.00	22.58 0.95 0.00	23.55 0.97 0.00	25.27 1.18 0.00	32.74 1.54 -1.61	41.00 1.54 -8.72	30.82 1.38 0.00	24.80 0.95 0.00	24.33 0.96 0.00	23.94 0.79 0.00	22.82 0.45 0.00	22.54 0.42 0.00	22.88 0.43 0.00	22.82 0.51 0.00	24.62 0.97 0.00	29.02 1.46 0.00	30.74 1.63 -0.02	27.62 1.49 0.00	26.80 1.39 -1.37	24.59 1.17 0.00	23.24 0.92 0.00	23.83 1.48 0.00
NUCOR_STEEL___DRP 24197	23.14 -0.09 0.00	22.00 -0.07 0.00	21.48 -0.06 0.00	21.56 -0.06 0.00	22.51 -0.07 0.00	24.11 0.02 0.00	29.88 0.12 -0.18	32.57 0.83 -1.00	30.19 0.74 -0.02	23.64 -0.21 -0.01	23.07 -0.30 0.00	22.73 -0.42 0.00	21.88 -0.49 0.00	21.61 -0.51 0.00	21.96 -0.49 0.00	21.93 -0.38 0.00	23.42 -0.24 0.00	27.53 -0.03 0.00	29.08 -0.03 -0.02	26.02 -0.13 -0.01	24.04 -0.14 -0.14	23.17 -0.26 0.00	21.99 -0.33 0.00	22.16 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	23.38 0.14 0.00	22.18 0.11 0.00	21.65 0.11 0.00	21.71 0.09 0.00	22.74 0.16 0.00	24.30 0.22 0.00	30.03 0.38 -0.05	31.61 0.58 -0.29	29.81 0.38 0.00	23.94 0.10 0.00	23.40 0.02 0.00	23.10 -0.05 0.00	22.28 -0.09 0.00	22.03 -0.09 0.00	22.39 -0.07 0.00	22.36 0.04 0.00	23.77 0.12 0.00	27.81 0.25 0.00	29.24 0.15 0.00	26.16 0.03 0.00	23.82 -0.02 0.20	23.28 -0.14 0.00	22.26 -0.07 0.00	22.31 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	23.24 0.00 0.00	22.07 0.00 0.00	21.55 0.00 0.00	21.62 0.00 0.00	22.58 0.00 0.00	24.09 0.00 0.00	29.59 0.00 0.00	30.74 0.00 0.00	29.43 0.00 0.00	23.84 0.00 0.00	23.37 0.00 0.00	23.15 0.00 0.00	22.37 0.00 0.00	22.12 0.00 0.00	22.46 0.00 0.00	22.31 0.00 0.00	23.65 0.00 0.00	27.56 0.00 0.00	29.09 0.00 0.00	26.14 0.00 0.00	24.04 0.00 0.00	23.42 0.00 0.00	22.32 0.00 0.00	22.36 0.00 0.00
NYPA_BRENTWD___GT 24164	35.46 2.49 -9.74	36.68 2.34 -12.28	35.41 2.28 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.00 2.74 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.63 3.77 -7.43	33.69 2.86 -6.98	30.07 2.71 -3.98	26.98 2.43 -1.40	24.73 2.19 -0.17	29.85 2.26 -5.47	31.23 2.31 -6.46	31.45 2.43 -6.71	33.71 2.88 -7.17	44.73 3.75 -13.43	48.33 4.02 -15.22	42.21 3.55 -12.52	37.32 3.27 -10.02	33.30 2.98 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
NYPA_GOWANUS___GT5 24156	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.82 3.23 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01
NYPA_GOWANUS___GT6 24157	25.26 2.02 -0.01	23.91 1.83 -0.01	23.36 1.81 -0.01	23.40 1.77 0.00	24.44 1.85 -0.01	26.28 2.19 0.00	33.82 2.96 -1.28	40.78 3.17 -6.87	52.82 3.12 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.82 3.23 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.56 2.46 -1.68	24.44 2.10 -0.02	24.67 2.30 -0.01

NYPA_HARLEM__RVR__GT1 24160	25.01 1.77 -0.01	23.75 1.68 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.09 2.00 0.00	33.58 2.72 -1.27	40.61 3.01 -6.86	33.04 2.97 -0.64	34.16 2.29 -8.02	34.76 2.17 -9.21	25.43 1.92 -0.36	24.40 1.77 -0.26	24.07 1.75 -0.20	24.37 1.77 -0.14	24.42 1.85 -0.26	26.65 2.20 -0.79	33.53 2.84 -3.13	34.85 3.11 -2.64	31.70 2.74 -2.82	27.96 2.48 -1.44	28.91 2.34 -3.14	24.25 1.92 -0.01	24.47 2.10 -0.01
NYPA_HARLEM__RVR__GT2 24161	25.01 1.77 -0.01	23.75 1.68 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.09 2.00 0.00	33.58 2.72 -1.27	40.61 3.01 -6.86	33.04 2.97 -0.64	34.16 2.29 -8.02	34.76 2.17 -9.21	25.43 1.92 -0.36	24.40 1.77 -0.26	24.07 1.75 -0.20	24.37 1.77 -0.14	24.42 1.85 -0.26	26.65 2.20 -0.79	33.53 2.84 -3.13	34.85 3.11 -2.64	31.70 2.74 -2.82	27.96 2.48 -1.44	28.91 2.34 -3.14	24.25 1.92 -0.01	24.47 2.10 -0.01
NYPA_KENT____GT 24152	25.19 1.95 -0.01	23.84 1.77 -0.01	23.32 1.77 -0.01	23.36 1.73 0.00	24.39 1.81 -0.01	26.23 2.14 0.00	33.77 2.90 -1.28	40.71 3.10 -6.87	30.50 3.06 -20.27	30.55 2.34 -4.32	28.05 1.97 -2.93	26.30 1.81 -2.12	25.58 1.79 -1.67	25.46 1.82 -1.18	26.34 1.92 -2.11	32.28 2.25 -6.38	52.76 2.92 -22.29	52.77 3.17 -20.51	48.82 2.80 -19.89	30.40 2.55 -3.82	27.52 2.41 -1.68	24.38 2.03 -0.02	24.60 2.24 -0.01	
NYPA_POUCH1____GT 24155	25.19 1.95 -0.01	23.84 1.77 -0.01	23.30 1.74 -0.01	23.36 1.73 0.00	24.39 1.81 -0.01	26.21 2.12 0.00	33.71 2.84 -1.28	40.65 3.04 -6.87	56.89 3.00 -24.45	30.44 2.27 -4.33	30.50 2.15 -4.97	27.99 1.90 -2.94	26.24 1.75 -2.12	25.52 1.73 -1.68	25.38 1.73 -1.19	26.27 1.85 -2.11	32.18 2.15 -6.38	52.68 2.84 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.38 2.52 -3.82	27.50 2.39 -1.68	24.38 2.03 -0.02	24.60 2.24 -0.01
NYPA_VERNON____GT2 24162	25.12 1.88 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.87	52.71 3.00 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.36 2.50 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
NYPA_VERNON____GT3 24163	25.12 1.88 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.00 -6.87	52.71 3.00 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.36 2.50 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
NYPA__ASTORIA_CC1 323568	25.10 1.86 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.87	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.41 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
NYPA__ASTORIA_CC2 323569	25.10 1.86 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.68 2.81 -1.28	40.62 3.01 -6.87	52.71 3.00 -20.27	30.45 2.29 -4.32	30.51 2.17 -4.96	28.00 1.92 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.41 1.77 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.33 2.48 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
NYPA__HOLTSVILL 23794	35.37 2.39 -9.74	36.60 2.25 -12.28	35.34 2.22 -11.58	31.97 2.18 -8.16	32.89 2.30 -8.01	38.93 2.67 -12.16	41.50 3.55 -8.36	43.32 3.81 -8.77	40.51 3.65 -7.43	33.61 2.79 -6.98	29.97 2.62 -3.98	26.88 2.34 -1.39	24.59 2.08 -0.14	29.74 2.14 -5.47	31.12 2.20 -6.46	31.32 2.30 -6.71	33.59 2.77 -7.17	44.62 3.64 -13.43	48.24 3.93 -15.22	42.13 3.48 -12.52	37.23 3.17 -10.02	33.20 2.88 -6.90	31.69 2.46 -6.91	31.65 2.66 -6.63
NYPA__HELLGATE_GT1 24158	25.01 1.77 -0.01	23.75 1.68 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.09 2.00 0.00	33.58 2.72 -1.27	40.61 3.01 -6.86	41.96 2.97 -9.55	26.67 2.29 -0.53	26.16 2.17 -0.61	30.52 1.92 -5.45	28.09 1.77 -3.95	26.98 1.75 -3.12	26.44 1.77 -2.21	28.09 1.85 -3.93	37.70 2.20 -11.84	71.39 2.84 -40.99	48.69 3.11 -16.49	65.44 2.74 -36.56	32.67 2.48 -6.15	25.97 2.34 -0.20	24.25 1.92 -0.01	24.47 2.10 -0.01
NYPA__HELLGATE_GT2 24159	25.01 1.77 -0.01	23.75 1.68 -0.01	23.21 1.66 -0.01	23.29 1.67 0.00	24.28 1.69 -0.01	26.09 2.00 0.00	33.58 2.72 -1.27	40.61 3.01 -6.86	41.96 2.97 -9.55	26.67 2.29 -0.53	26.16 2.17 -0.61	30.52 1.92 -5.45	28.09 1.77 -3.95	26.98 1.75 -3.12	26.44 1.77 -2.21	28.09 1.85 -3.93	37.70 2.20 -11.84	71.39 2.84 -40.99	48.69 3.11 -16.49	65.44 2.74 -36.56	32.67 2.48 -6.15	25.97 2.34 -0.20	24.25 1.92 -0.01	24.47 2.10 -0.01
NYS_BARGE__HYD 23848	21.63 -1.60 0.00	20.57 -1.50 0.00	20.04 -1.51 0.00	20.11 -1.51 0.00	20.88 -1.69 0.00	22.40 -1.69 0.00	27.21 -2.57 -0.19	29.11 -2.71 -1.07	26.83 -2.59 0.01	21.40 -2.43 0.01	21.01 -2.36 0.00	20.63 -2.52 0.00	19.80 -2.57 0.00	19.53 -2.59 0.00	19.83 -2.63 0.00	19.92 -2.39 0.00	21.41 -2.25 0.00	25.57 -1.98 0.00	26.23 -2.85 0.01	23.59 -2.53 0.01	21.85 -2.36 -0.16	20.92 -2.51 0.00	20.02 -2.30 0.00	20.53 -1.83 0.00
OAK ORCHARD__HYD 24046	22.35 -0.88 0.00	21.23 -0.84 0.00	20.68 -0.86 0.00	20.76 -0.87 0.00	21.67 -0.90 0.00	23.22 -0.87 0.00	28.67 -1.09 -0.17	30.66 -1.05 -0.96	28.23 -1.18 0.02	22.52 -1.31 0.01	22.07 -1.31 0.00	21.69 -1.46 0.00	20.85 -1.52 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.97 -1.34 0.00	22.45 -1.21 0.00	26.59 -0.97 0.00	27.77 -1.31 0.02	24.81 -1.31 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	21.03 -1.30 0.00	21.35 -1.01 0.00
OAKDALE__35_KV_LOAD 356122	23.56 0.33 0.00	22.36 0.29 0.00	21.85 0.30 0.00	21.91 0.28 0.00	22.89 0.32 0.00	24.50 0.41 0.00	30.53 0.50 -0.44	33.82 0.65 -2.44	30.12 0.68 -0.01	24.21 0.36 -0.01	23.63 0.26 0.00	23.27 0.12 0.00	22.37 0.00 0.00	22.10 -0.02 0.00	22.46 0.00 0.00	22.42 0.11 0.00	23.99 0.33 0.00	28.25 0.69 0.00	29.72 0.61 -0.02	26.64 0.50 -0.01	24.76 0.34 -0.38	23.75 0.33 0.00	22.52 0.20 0.00	22.72 0.36 0.00
OCC_CHEM__DRP 24175	21.19 -2.04 0.00	20.15 -1.92 0.00	19.71 -1.83 0.00	19.70 -1.92 0.00	20.50 -2.08 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.60 -3.23 -1.09	26.42 -3.00 0.01	20.97 -2.86 0.01	20.59 -2.78 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.50 -2.81 0.00	20.96 -2.70 0.00	25.02 -2.54 0.00	25.85 -3.23 0.01	23.12 -3.01 0.01	21.49 -2.72 -0.17	20.52 -2.90 0.00	19.53 -2.79 0.00	20.17 -2.19 0.00

OH_GEN_PROXY 24063	21.54 -1.70 0.00	20.48 -1.59 0.00	19.95 -1.59 0.00	20.02 -1.60 0.00	20.86 -1.72 0.00	22.28 -1.81 0.00	27.04 -2.63 -0.08	29.20 -2.74 -1.20	26.80 -2.62 0.01	21.43 -2.41 0.01	21.01 -2.36 0.00	20.65 -2.50 0.00	19.82 -2.55 0.00	19.55 -2.57 0.00	19.85 -2.60 0.00	19.92 -2.39 0.00	21.38 -2.27 0.00	25.49 -2.07 0.00	26.20 -2.88 0.01	23.56 -2.56 0.01	21.88 -2.33 -0.17	20.94 -2.48 0.00	21.00 -2.25 -0.93	19.59 -1.83 0.93
OLIN_CORP_DRP 24177	21.35 -1.88 0.00	20.30 -1.77 0.00	19.89 -1.66 0.00	19.85 -1.77 0.00	20.66 -1.92 0.00	22.09 -2.00 0.00	26.80 -2.99 -0.20	28.70 -3.14 -1.10	26.54 -2.88 0.01	21.09 -2.74 0.01	20.71 -2.66 0.00	20.33 -2.82 0.00	19.51 -2.86 0.00	19.27 -2.85 0.00	19.54 -2.92 0.00	19.59 -2.72 0.00	21.08 -2.58 0.00	25.16 -2.40 0.00	25.97 -3.11 0.01	23.25 -2.87 0.01	21.54 -2.67 -0.17	20.61 -2.81 0.00	19.62 -2.70 0.00	20.26 -2.10 0.00
OLIN_CORP_DSASP 323712	21.19 -2.04 0.00	20.15 -1.92 0.00	19.63 -1.92 0.00	19.70 -1.92 0.00	20.57 -2.01 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.57 -3.26 -1.09	26.30 -3.12 0.01	20.97 -2.86 0.01	20.62 -2.76 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.52 -2.79 0.00	20.96 -2.70 0.00	25.02 -2.53 0.00	25.71 -3.37 0.01	23.09 -3.03 0.01	21.49 -2.72 -0.17	20.52 -2.91 0.00	19.69 -2.63 0.00	20.17 -2.19 0.00
ONEIDA_HERK_LFGE 323681	23.79 0.56 0.00	22.60 0.53 0.00	22.06 0.52 0.00	22.12 0.50 0.00	23.19 0.61 0.00	24.79 0.70 0.00	30.61 0.97 -0.05	32.16 1.17 -0.25	30.43 1.00 0.00	24.46 0.62 0.00	23.91 0.54 0.00	23.59 0.44 0.00	22.71 0.34 0.00	22.45 0.33 0.00	22.79 0.34 0.00	22.73 0.42 0.00	24.25 0.59 0.00	28.38 0.83 0.00	29.93 0.84 0.00	26.79 0.65 0.00	24.58 0.58 0.03	23.89 0.47 0.00	22.75 0.42 0.00	22.83 0.47 0.00
ONEIDA___115KV_TB4 55905	24.00 0.77 0.00	22.80 0.73 0.00	22.28 0.73 0.00	22.34 0.71 0.00	23.39 0.81 0.00	25.08 0.99 0.00	31.01 1.33 -0.09	32.79 1.57 -0.49	30.82 1.38 0.00	24.73 0.88 0.00	24.15 0.77 0.00	23.78 0.63 0.00	22.89 0.51 0.00	22.61 0.49 0.00	22.95 0.49 0.00	22.94 0.62 0.00	24.46 0.80 0.00	28.69 1.13 0.00	30.28 1.19 0.00	27.10 0.97 0.00	24.96 0.84 -0.07	24.15 0.73 0.00	22.92 0.60 0.00	23.05 0.69 0.00
ONONDAGA_REF_OCCRA 23987	23.00 -0.23 0.00	21.85 -0.22 0.00	21.35 -0.19 0.00	21.41 -0.22 0.00	22.37 -0.20 0.00	23.92 -0.17 0.00	29.66 -0.09 -0.16	31.85 0.18 -0.93	29.59 0.15 -0.01	23.66 -0.19 0.00	23.09 -0.28 0.00	22.76 -0.39 0.00	21.90 -0.47 0.00	21.65 -0.46 0.00	21.99 -0.47 0.00	21.95 -0.36 0.00	23.42 -0.24 0.00	27.53 -0.03 0.00	29.04 -0.06 -0.01	26.01 -0.13 -0.01	24.03 -0.14 -0.14	23.19 -0.23 0.00	22.01 -0.31 0.00	22.18 -0.18 0.00
ONONDAGA___COGEN 23986	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00
ONTARIO___LFGE 23819	23.38 0.14 0.00	22.18 0.11 0.00	21.65 0.11 0.00	21.73 0.11 0.00	22.71 0.14 0.00	24.40 0.31 0.00	30.27 0.47 -0.21	32.58 0.68 -1.17	30.27 0.68 -0.16	24.05 0.10 -0.11	23.33 -0.05 0.00	22.92 -0.23 0.00	21.99 -0.38 0.00	21.72 -0.40 0.00	22.10 -0.36 0.00	22.13 -0.18 0.00	23.73 0.07 0.00	28.08 0.52 0.00	29.59 0.35 -0.15	26.51 0.21 -0.16	24.31 0.10 -0.17	23.38 -0.05 0.00	22.17 -0.16 0.00	22.38 0.02 0.00
ORANGEVILLE_WT_PWR 323706	21.61 -1.63 0.00	20.52 -1.55 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.93 -1.65 0.00	22.40 -1.69 0.00	27.10 -2.69 -0.20	29.07 -2.80 -1.13	26.86 -2.56 0.01	21.57 -2.27 0.01	21.15 -2.22 0.00	20.77 -2.38 0.00	19.91 -2.46 0.00	19.64 -2.48 0.00	19.94 -2.51 0.00	20.03 -2.28 0.00	21.53 -2.13 0.00	25.71 -1.85 0.00	26.23 -2.85 0.01	23.59 -2.53 0.01	21.69 -2.52 -0.17	20.87 -2.55 0.00	19.98 -2.34 0.00	20.48 -1.88 0.00
ORANGEVILLE___ESR 323794	21.61 -1.63 0.00	20.52 -1.55 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.93 -1.65 0.00	22.40 -1.69 0.00	27.10 -2.69 -0.20	29.07 -2.80 -1.13	26.86 -2.56 0.01	21.57 -2.27 0.01	21.15 -2.22 0.00	20.77 -2.38 0.00	19.91 -2.46 0.00	19.64 -2.48 0.00	19.94 -2.51 0.00	20.03 -2.28 0.00	21.53 -2.13 0.00	25.71 -1.85 0.00	26.23 -2.85 0.01	23.59 -2.53 0.01	21.69 -2.52 -0.17	20.87 -2.55 0.00	19.98 -2.34 0.00	20.48 -1.88 0.00
OSWEGATCHIE___HYD 24044	22.86 -0.37 0.00	21.69 -0.38 0.00	21.16 -0.39 0.00	21.24 -0.39 0.00	22.17 -0.41 0.00	23.56 -0.53 0.00	29.06 -0.56 -0.04	30.46 -0.49 -0.21	28.84 -0.59 0.00	23.27 -0.57 0.00	22.88 -0.49 0.00	22.76 -0.39 0.00	22.08 -0.29 0.00	21.83 -0.29 0.00	22.19 -0.27 0.00	22.00 -0.31 0.00	23.18 -0.47 0.00	26.93 -0.63 0.00	28.42 -0.67 0.00	25.43 -0.70 0.00	22.78 -0.67 0.59	22.72 -0.70 0.00	21.76 -0.56 0.00	21.75 -0.60 0.00
OSWEGO___5 23606	22.54 -0.70 0.00	21.43 -0.64 0.00	20.92 -0.63 0.00	21.00 -0.63 0.00	21.92 -0.66 0.00	23.41 -0.67 0.00	28.93 -0.77 -0.11	30.39 -0.86 -0.51	28.55 -0.88 0.00	23.08 -0.76 0.00	22.58 -0.79 0.00	22.29 -0.86 0.00	21.48 -0.90 0.00	21.23 -0.89 0.00	21.56 -0.90 0.00	21.49 -0.83 0.00	22.87 -0.78 0.00	26.82 -0.74 0.00	28.25 -0.84 0.00	25.35 -0.78 0.00	23.40 -0.72 -0.08	22.63 -0.80 0.00	21.54 -0.78 0.00	21.69 -0.67 0.00
OSWEGO___6 23613	22.54 -0.70 0.00	21.43 -0.64 0.00	20.92 -0.63 0.00	21.00 -0.63 0.00	21.92 -0.66 0.00	23.41 -0.67 0.00	28.93 -0.77 -0.11	30.39 -0.86 -0.51	28.55 -0.88 0.00	23.08 -0.76 0.00	22.58 -0.79 0.00	22.29 -0.86 0.00	21.48 -0.90 0.00	21.23 -0.89 0.00	21.56 -0.90 0.00	21.49 -0.83 0.00	22.87 -0.78 0.00	26.82 -0.74 0.00	28.25 -0.84 0.00	25.35 -0.78 0.00	23.40 -0.72 -0.08	22.63 -0.80 0.00	21.54 -0.78 0.00	21.69 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	21.72 -1.51 0.00	20.64 -1.43 0.00	20.21 -1.34 0.00	20.18 -1.45 0.00	21.00 -1.58 0.00	22.50 -1.59 0.00	27.30 -2.49 -0.20	29.26 -2.58 -1.11	27.09 -2.33 0.01	21.55 -2.29 0.01	21.15 -2.22 0.00	20.77 -2.38 0.00	19.93 -2.44 0.00	19.66 -2.46 0.00	19.94 -2.52 0.00	20.01 -2.30 0.00	21.53 -2.13 0.00	25.71 -1.85 0.00	26.52 -2.56 0.01	23.74 -2.38 0.01	21.93 -2.28 -0.17	21.03 -2.39 0.00	19.98 -2.34 0.00	20.64 -1.72 0.00
OXBOW___BTM 323836	21.47 -1.77 0.00	20.41 -1.66 0.00	19.89 -1.66 0.00	19.96 -1.66 0.00	20.82 -1.76 0.00	22.21 -1.88 0.00	27.03 -2.75 -0.20	28.95 -2.89 -1.10	26.65 -2.77 0.01	21.28 -2.55 0.01	20.90 -2.48 0.00	20.51 -2.64 0.00	19.69 -2.69 0.00	19.42 -2.70 0.00	19.69 -2.76 0.00	19.79 -2.52 0.00	21.27 -2.39 0.00	25.41 -2.15 0.00	26.05 -3.03 0.01	23.43 -2.69 0.01	21.73 -2.48 -0.17	20.78 -2.65 0.00	19.91 -2.41 0.00	20.41 -1.95 0.00

OXBOW____ 24026	21.47 -1.77 0.00	20.41 -1.66 0.00	19.97 -1.57 0.00	19.96 -1.67 0.00	20.77 -1.81 0.00	22.21 -1.88 0.00	27.03 -2.75 -0.20	28.95 -2.89 -1.10	26.77 -2.65 0.01	21.28 -2.55 0.01	20.87 -2.50 0.00	20.51 -2.64 0.00	19.69 -2.68 0.00	19.42 -2.70 0.00	19.70 -2.76 0.00	19.77 -2.54 0.00	21.27 -2.39 0.00	25.41 -2.15 0.00	26.20 -2.88 0.01	23.46 -2.67 0.01	21.73 -2.48 -0.17	20.78 -2.65 0.00	19.78 -2.54 0.00	20.41 -1.95 0.00
OXY_CHEM_DSASP 323612	21.19 -2.04 0.00	20.15 -1.92 0.00	19.71 -1.83 0.00	19.70 -1.92 0.00	20.50 -2.08 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.60 -3.23 -1.09	26.42 -3.00 0.01	20.97 -2.86 0.01	20.59 -2.78 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.50 -2.81 0.00	20.96 -2.70 0.00	25.02 -2.54 0.00	25.85 -3.23 0.01	23.12 -3.01 0.01	21.49 -2.72 -0.17	20.52 -2.90 0.00	19.53 -2.79 0.00	20.17 -2.19 0.00
OZONE_PARK_ESR 323760	25.23 2.00 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.43 1.85 0.00	26.30 2.22 0.00	33.88 3.02 -1.28	40.83 3.23 -6.86	37.76 3.24 -5.08	30.60 2.48 -4.27	30.62 2.34 -4.90	28.13 2.08 -2.90	26.41 1.95 -2.09	25.67 1.90 -1.65	25.56 1.93 -1.17	26.42 2.03 -2.08	32.35 2.39 -6.31	52.72 3.11 -22.05	42.02 3.37 -9.55	48.76 2.95 -19.67	30.52 2.69 -3.79	27.62 2.53 -1.66	24.50 2.17 -0.02	24.66 2.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.19 -2.04 0.00	20.15 -1.92 0.00	19.71 -1.83 0.00	19.70 -1.92 0.00	20.50 -2.08 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.60 -3.23 -1.09	26.42 -3.00 0.01	20.97 -2.86 0.01	20.59 -2.78 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.50 -2.81 0.00	20.96 -2.70 0.00	25.02 -2.54 0.00	25.85 -3.23 0.01	23.12 -3.01 0.01	21.49 -2.72 -0.17	20.52 -2.90 0.00	19.53 -2.79 0.00	20.17 -2.19 0.00
PACKARD__115KV_DUPONT_184 80571	21.19 -2.04 0.00	20.15 -1.92 0.00	19.71 -1.83 0.00	19.70 -1.92 0.00	20.50 -2.08 0.00	21.90 -2.19 0.00	26.71 -3.08 -0.20	28.60 -3.23 -1.09	26.42 -3.00 0.01	20.97 -2.86 0.01	20.59 -2.78 0.00	20.23 -2.92 0.00	19.42 -2.95 0.00	19.18 -2.94 0.00	19.45 -3.01 0.00	19.50 -2.81 0.00	20.96 -2.70 0.00	25.02 -2.54 0.00	25.85 -3.23 0.01	23.12 -3.01 0.01	21.49 -2.72 -0.17	20.52 -2.90 0.00	19.53 -2.79 0.00	20.17 -2.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.00 1.77 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.27 1.64 0.00	24.27 1.69 0.00	26.09 2.00 0.00	33.53 2.66 -1.28	40.45 2.86 -6.85	32.46 2.86 -0.17	26.16 2.17 -0.14	25.60 2.06 -0.17	25.05 1.81 -0.10	24.12 1.68 -0.07	23.83 1.66 -0.05	24.15 1.66 -0.03	24.14 1.76 -0.07	25.95 2.08 -0.22	31.46 2.73 -1.17	34.01 3.00 -1.93	29.82 2.61 -1.07	27.59 2.36 -1.19	25.70 2.23 -0.05	24.24 1.92 0.00	24.42 2.06 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.28 2.04 0.00	23.99 1.92 0.00	23.42 1.87 0.00	23.53 1.90 0.00	24.54 1.96 0.00	26.38 2.29 0.00	33.85 2.99 -1.28	40.78 3.20 -6.85	32.79 3.18 -0.17	26.40 2.41 -0.14	25.83 2.29 -0.17	25.28 2.04 -0.10	24.32 1.88 -0.07	24.03 1.86 -0.05	24.38 1.89 -0.03	24.36 1.99 -0.07	26.21 2.34 -0.22	31.76 3.03 -1.17	34.30 3.29 -1.93	30.11 2.90 -1.07	27.85 2.62 -1.19	25.96 2.48 -0.05	24.49 2.17 0.00	24.66 2.30 0.00
PATROON__115KV_TB1 80586	24.21 0.98 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.57 0.99 0.00	25.20 1.11 0.00	32.19 1.04 -1.57	40.24 1.01 -8.49	30.52 1.09 0.00	24.85 1.00 0.00	24.40 1.03 0.00	23.94 0.79 0.00	22.78 0.40 0.00	22.54 0.42 0.00	22.88 0.43 0.00	22.80 0.49 0.00	24.41 0.76 0.00	28.63 1.07 0.00	30.24 1.13 -0.02	27.23 1.10 0.00	26.38 1.01 -1.33	24.50 1.08 0.00	23.24 0.92 0.00	23.32 0.96 0.00
PATTRSNVILLE__SOLAR 323815	24.30 1.07 0.00	23.11 1.04 0.00	22.56 1.01 0.00	22.64 1.02 0.00	23.64 1.06 0.00	25.34 1.25 0.00	32.87 1.63 -1.65	41.37 1.66 -8.97	30.99 1.56 0.00	24.99 1.14 0.00	24.43 1.05 0.00	24.05 0.90 0.00	23.09 0.72 0.00	22.81 0.69 0.00	23.18 0.72 0.00	23.09 0.78 0.00	24.74 1.09 0.00	29.07 1.51 0.00	30.74 1.63 -0.02	27.60 1.46 0.00	26.77 1.32 -1.40	24.62 1.19 0.00	23.37 1.05 0.00	23.48 1.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.12 -1.12 0.00	20.99 -1.08 0.00	20.55 -0.99 0.00	20.56 -1.06 0.00	21.40 -1.17 0.00	22.93 -1.16 0.00	27.11 -2.69 -0.21	29.19 -2.74 -1.18	27.51 -1.91 0.01	22.12 -1.72 0.01	21.67 -1.71 0.00	21.28 -1.88 0.00	20.43 -1.95 0.00	20.13 -1.99 0.00	20.41 -2.04 0.00	20.48 -1.83 0.00	22.05 -1.61 0.00	26.35 -1.21 0.00	26.81 -2.27 0.01	24.24 -1.88 0.01	21.82 -2.40 -0.18	21.55 -1.87 0.00	20.45 -1.88 0.00	21.11 -1.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.02 1.79 0.00	23.75 1.68 0.00	23.18 1.64 0.00	23.29 1.67 0.00	24.27 1.69 0.00	26.06 1.98 0.00	33.51 2.63 -1.29	40.51 2.80 -6.98	32.29 2.86 0.00	25.94 2.10 0.00	25.34 1.96 0.00	24.84 1.69 0.00	23.92 1.54 0.00	23.62 1.50 0.00	23.98 1.53 0.00	23.92 1.61 0.00	25.64 1.99 0.00	30.20 2.65 0.00	32.04 2.94 -0.02	28.70 2.56 0.00	27.46 2.33 -1.09	25.58 2.15 0.00	24.15 1.83 0.00	24.30 1.95 0.00
PEEKSKILL____ 23653	24.79 1.56 0.00	23.50 1.43 0.00	22.97 1.42 0.00	23.05 1.43 0.00	24.04 1.47 0.00	25.82 1.74 0.00	33.23 2.40 -1.25	40.06 2.55 -6.77	31.99 2.56 0.00	25.80 1.96 0.00	25.22 1.85 0.00	24.75 1.60 0.00	23.83 1.45 0.00	23.56 1.44 0.00	23.92 1.46 0.00	23.83 1.52 0.00	25.50 1.85 0.00	30.19 2.45 -0.18	32.13 2.67 -0.37	28.66 2.35 -0.17	27.25 2.14 -1.07	25.41 1.99 0.00	23.95 1.63 0.00	24.17 1.81 0.00
PGE MADISON__WINDPWR 24146	25.58 2.35 0.00	24.26 2.19 0.00	23.68 2.13 0.00	23.72 2.10 0.00	25.02 2.44 0.00	26.88 2.79 0.00	33.58 3.58 -0.42	37.27 4.21 -2.33	32.98 3.53 -0.01	26.07 2.22 -0.01	25.31 1.94 0.00	24.82 1.67 0.00	23.78 1.41 0.00	23.54 1.42 0.00	23.92 1.46 0.00	24.03 1.72 0.00	25.97 2.32 0.00	30.78 3.22 0.00	32.63 3.52 -0.02	29.05 2.90 -0.01	26.88 2.48 -0.36	25.67 2.25 0.00	24.24 1.92 0.00	24.44 2.08 0.00
PIERCEFIELD__HYD 23852	22.61 -0.63 0.00	21.43 -0.64 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.83 -0.75 0.00	23.05 -1.04 0.00	28.34 -1.27 -0.02	29.53 -1.32 -0.12	28.05 -1.38 0.00	22.87 -0.98 0.00	22.60 -0.77 0.00	22.69 -0.46 0.00	22.13 -0.25 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	21.89 -0.42 0.00	22.83 -0.83 0.00	26.29 -1.27 0.00	27.69 -1.40 0.00	24.88 -1.25 0.00	21.94 -1.18 0.92	22.29 -1.12 0.01	21.50 -0.83 0.00	21.39 -0.96 0.01
PINELAWN_CC_1 323563	35.28 2.30 -9.74	36.49 2.14 -12.28	35.24 2.11 -11.58	31.88 2.10 -8.16	32.77 2.19 -8.01	38.78 2.53 -12.16	41.35 3.40 -8.36	43.14 3.63 -8.77	40.39 3.53 -7.43	33.52 2.69 -6.98	29.93 2.57 -3.98	26.88 2.29 -1.44	24.75 2.08 -0.29	29.72 2.12 -5.48	31.09 2.18 -6.46	31.30 2.28 -6.71	33.50 2.67 -7.17	44.46 3.47 -13.43	48.07 3.75 -15.22	41.97 3.32 -12.52	37.08 3.03 -10.02	33.11 2.79 -6.90	31.60 2.37 -6.91	31.54 2.55 -6.63

PJM_GEN_HTP_PROXY 323702	24.98 1.74 0.00	23.66 1.59 0.00	23.14 1.59 0.00	23.20 1.58 0.00	24.20 1.63 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.31 2.85 -5.02	30.28 2.22 -4.22	30.32 2.10 -4.85	27.87 1.85 -2.86	26.14 1.70 -2.07	25.43 1.68 -1.63	25.32 1.71 -1.16	26.15 1.79 -2.06	31.99 2.10 -6.23	52.10 2.76 -21.78	41.53 3.00 -9.44	48.19 2.61 -19.44	30.20 2.40 -3.75	27.32 2.25 -1.64	25.15 1.88 -0.95	23.48 2.06 0.93
PJM_GEN_KEystone 24065	23.44 0.21 0.00	22.25 0.18 0.00	21.74 0.19 0.00	21.80 0.17 0.00	22.74 0.16 0.00	24.38 0.29 0.00	30.57 0.21 -0.77	35.19 0.24 -4.21	30.17 0.38 -0.36	24.36 0.21 -0.30	23.88 0.16 -0.34	23.31 -0.05 -0.20	22.36 -0.16 -0.15	22.06 -0.18 -0.12	22.36 -0.18 -0.08	22.39 -0.07 -0.15	24.28 0.19 -0.44	29.80 0.63 -1.61	30.27 0.38 -0.80	27.91 0.34 -1.44	25.08 0.19 -0.85	23.73 0.19 -0.12	23.30 0.04 -0.94	21.76 0.34 0.93
PJM_GEN_NEPTUNE_PROXY 323594	34.93 1.95 -9.74	36.16 1.81 -12.28	34.91 1.79 -11.58	31.58 1.79 -8.16	32.43 1.85 -8.00	38.42 2.17 -12.16	40.85 2.90 -8.36	42.59 3.07 -8.77	39.92 3.06 -7.43	33.19 2.36 -6.98	29.60 2.24 -3.98	26.49 1.99 -1.35	24.18 1.81 0.00	29.41 1.81 -5.47	30.76 1.84 -6.46	30.94 1.92 -6.71	33.09 2.27 -7.17	43.93 2.95 -13.43	47.49 3.17 -15.22	41.45 2.80 -12.52	36.60 2.55 -10.02	32.71 2.39 -6.90	32.20 2.03 -7.85	30.27 2.21 -5.70
PJM_GEN_VFT_PROXY 323633	24.88 1.65 0.00	23.57 1.50 0.00	23.05 1.51 0.00	23.10 1.47 0.00	24.11 1.54 0.00	25.94 1.85 0.00	33.47 2.60 -1.28	40.37 2.77 -6.86	37.28 2.77 -5.08	30.24 2.12 -4.27	30.29 2.01 -4.90	27.83 1.78 -2.90	26.10 1.63 -2.09	25.38 1.61 -1.65	25.27 1.64 -1.17	26.11 1.72 -2.08	32.00 2.03 -6.31	52.28 2.67 -22.05	41.52 2.88 -9.55	48.34 2.53 -19.67	30.14 2.31 -3.79	27.27 2.18 -1.66	25.08 1.81 -0.95	23.39 1.97 0.93
PLATSBURG_115KV_PMLD1 355749	23.26 0.02 0.00	21.98 -0.09 0.00	21.33 -0.22 0.00	21.43 -0.19 0.00	22.35 -0.23 0.00	23.73 -0.36 0.00	29.03 -0.56 0.00	30.09 -0.65 0.00	28.84 -0.59 0.00	23.61 -0.24 0.00	23.40 0.02 0.00	23.38 0.23 0.00	22.75 0.38 0.00	22.50 0.38 0.00	22.84 0.38 0.00	22.60 0.29 0.00	23.68 0.02 0.00	27.28 -0.28 0.00	28.54 -0.55 0.00	25.43 -0.71 0.00	22.06 -0.82 1.17	22.57 -0.84 0.01	21.63 -0.69 0.00	21.48 -0.87 0.01
PLEASANTVLY__LBMP 24000	24.65 1.42 0.00	23.37 1.30 0.00	22.84 1.29 0.00	22.92 1.30 0.00	23.93 1.35 0.00	25.65 1.57 0.00	33.02 2.10 -1.33	40.21 2.24 -7.22	31.67 2.24 0.00	25.56 1.72 0.00	24.99 1.61 0.00	24.54 1.39 0.00	23.65 1.28 0.00	23.38 1.26 0.00	23.74 1.28 0.00	23.67 1.36 0.00	25.29 1.63 0.00	29.74 2.18 0.00	31.49 2.39 -0.02	28.20 2.06 0.00	27.04 1.88 -1.12	25.20 1.78 0.00	23.86 1.54 0.00	24.01 1.65 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	24.84 1.60 0.00	23.57 1.50 0.00	23.01 1.47 0.00	23.09 1.47 0.00	24.11 1.54 0.00	25.89 1.81 0.00	33.32 2.46 -1.28	40.30 2.64 -6.92	32.08 2.65 0.00	25.85 2.00 0.00	25.27 1.89 0.00	24.79 1.64 0.00	23.89 1.52 0.00	23.62 1.50 0.00	23.98 1.53 0.00	23.92 1.61 0.00	25.57 1.92 0.00	29.85 2.54 0.24	31.41 2.76 0.44	28.32 2.40 0.22	27.31 2.21 -1.05	25.48 2.06 0.00	24.09 1.76 0.00	24.24 1.88 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	24.84 1.60 0.00	23.57 1.50 0.00	23.01 1.47 0.00	23.09 1.47 0.00	24.11 1.54 0.00	25.89 1.81 0.00	33.32 2.46 -1.28	40.30 2.64 -6.92	32.08 2.65 0.00	25.85 2.00 0.00	25.27 1.89 0.00	24.79 1.64 0.00	23.89 1.52 0.00	23.62 1.50 0.00	23.98 1.53 0.00	23.92 1.61 0.00	25.57 1.92 0.00	29.85 2.54 0.24	31.41 2.76 0.44	28.32 2.40 0.22	27.31 2.21 -1.05	25.48 2.06 0.00	24.09 1.76 0.00	24.24 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.81 1.58 0.00	23.53 1.46 0.00	22.99 1.44 0.00	23.07 1.45 0.00	24.09 1.51 0.00	25.85 1.76 0.00	33.23 2.34 -1.30	40.27 2.46 -7.07	31.85 2.41 0.00	25.61 1.76 0.00	25.03 1.66 0.00	24.56 1.41 0.00	23.67 1.30 0.00	23.40 1.28 0.00	23.76 1.30 0.00	23.69 1.38 0.00	25.38 1.73 0.00	29.90 2.34 0.00	31.67 2.56 -0.02	28.36 2.22 0.00	27.13 2.00 -1.10	25.30 1.87 0.00	23.93 1.61 0.00	24.10 1.74 0.00
POLETTI____ 23519	24.98 1.74 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.18 1.56 0.00	24.20 1.63 0.00	26.04 1.95 0.00	33.53 2.66 -1.28	40.46 2.86 -6.86	37.40 2.88 -5.08	30.31 2.19 -4.27	30.36 2.08 -4.90	27.90 1.85 -2.90	26.17 1.70 -2.09	25.43 1.66 -1.65	25.31 1.68 -1.17	26.18 1.78 -2.08	32.07 2.11 -6.31	52.36 2.76 -22.05	41.64 3.00 -9.55	48.42 2.61 -19.67	30.23 2.40 -3.79	27.34 2.25 -1.66	24.26 1.92 -0.02	24.42 2.06 0.00
POMONA____ESR 323819	24.77 1.53 0.00	23.48 1.41 0.00	22.95 1.40 0.00	23.03 1.40 0.00	24.02 1.45 0.00	25.82 1.74 0.00	33.18 2.37 -1.22	39.87 2.52 -6.62	31.93 2.50 0.00	25.75 1.91 0.00	25.17 1.80 0.00	24.70 1.55 0.00	23.78 1.41 0.00	23.51 1.39 0.00	23.87 1.42 0.00	23.78 1.47 0.00	25.48 1.82 0.00	30.12 2.43 -0.14	32.01 2.65 -0.28	28.56 2.30 -0.13	27.20 2.12 -1.04	25.39 1.97 0.00	23.93 1.61 0.00	24.15 1.79 0.00
PORT_JEFF_3 23555	35.46 2.49 -9.74	36.68 2.34 -12.28	35.43 2.31 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.02 2.77 -12.16	41.65 3.70 -8.36	43.45 3.94 -8.77	40.66 3.80 -7.43	33.71 2.88 -6.98	30.07 2.71 -3.98	26.97 2.43 -1.39	24.68 2.17 -0.14	29.83 2.23 -5.47	31.21 2.29 -6.46	31.43 2.41 -6.71	33.71 2.88 -7.17	44.79 3.80 -13.43	48.39 4.07 -15.22	42.26 3.61 -12.52	37.35 3.29 -10.02	33.32 3.00 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
PORT_JEFF_4 23616	35.46 2.49 -9.74	36.68 2.34 -12.28	35.43 2.31 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.02 2.77 -12.16	41.65 3.70 -8.36	43.45 3.94 -8.77	40.66 3.80 -7.43	33.71 2.88 -6.98	30.07 2.71 -3.98	26.97 2.43 -1.39	24.68 2.17 -0.14	29.83 2.23 -5.47	31.21 2.29 -6.46	31.43 2.41 -6.71	33.71 2.88 -7.17	44.79 3.80 -13.43	48.39 4.07 -15.22	42.26 3.61 -12.52	37.35 3.29 -10.02	33.32 3.00 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
PORT_JEFF_IC 23713	35.48 2.51 -9.74	36.68 2.34 -12.28	35.41 2.28 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.00	39.02 2.77 -12.16	41.65 3.70 -8.36	43.45 3.93 -8.77	40.69 3.83 -7.43	33.71 2.89 -6.98	30.07 2.71 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.71 2.89 -7.17	44.79 3.80 -13.43	48.45 4.13 -15.22	42.26 3.61 -12.52	37.35 3.29 -10.02	33.32 3.00 -6.90	31.82 2.59 -6.91	31.74 2.75 -6.63
PPL PILGRIM_ST_GT1 24216	35.46 2.49 -9.74	36.68 2.34 -12.28	35.41 2.28 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.00 2.74 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.63 3.77 -7.43	33.69 2.86 -6.98	30.07 2.71 -3.98	26.98 2.43 -1.40	24.73 2.19 -0.17	29.85 2.26 -5.47	31.23 2.31 -6.46	31.45 2.43 -6.71	33.71 2.88 -7.17	44.73 3.75 -13.43	48.33 4.02 -15.22	42.21 3.55 -12.52	37.32 3.27 -10.02	33.30 2.98 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63

PPL PILGRIM_ST_GT2 24217	35.46 2.49 -9.74	36.68 2.34 -12.28	35.41 2.28 -11.58	32.06 2.27 -8.16	32.98 2.39 -8.01	39.00 2.74 -12.16	41.62 3.67 -8.36	43.42 3.90 -8.77	40.63 3.77 -7.43	33.69 2.86 -6.98	30.07 2.71 -3.98	26.98 2.43 -1.40	24.73 2.19 -0.17	29.85 2.26 -5.47	31.23 2.31 -6.46	31.45 2.43 -6.71	33.71 2.88 -7.17	44.73 3.75 -13.43	48.33 4.02 -15.22	42.21 3.55 -12.52	37.32 3.27 -10.02	33.30 2.98 -6.90	31.78 2.54 -6.91	31.74 2.75 -6.63
PPL_SHRM_GT3 24213	35.55 2.58 -9.74	36.77 2.43 -12.28	35.51 2.39 -11.58	32.14 2.36 -8.16	33.07 2.48 -8.01	39.12 2.87 -12.16	41.77 3.82 -8.36	43.60 4.09 -8.77	40.78 3.92 -7.43	33.78 2.96 -6.98	30.14 2.78 -3.98	27.02 2.48 -1.39	24.73 2.22 -0.14	29.85 2.26 -5.47	31.25 2.34 -6.46	31.48 2.45 -6.71	33.80 2.98 -7.17	44.92 3.94 -13.43	48.56 4.25 -15.22	42.42 3.76 -12.52	37.49 3.44 -10.02	33.42 3.09 -6.90	31.85 2.61 -6.91	31.83 2.84 -6.63
PPL_SHRM_GT4 24214	35.55 2.58 -9.74	36.77 2.43 -12.28	35.51 2.39 -11.58	32.14 2.36 -8.16	33.07 2.48 -8.01	39.12 2.87 -12.16	41.77 3.82 -8.36	43.60 4.09 -8.77	40.78 3.92 -7.43	33.78 2.96 -6.98	30.14 2.78 -3.98	27.02 2.48 -1.39	24.73 2.22 -0.14	29.85 2.26 -5.47	31.25 2.34 -6.46	31.48 2.45 -6.71	33.80 2.98 -7.17	44.92 3.94 -13.43	48.56 4.25 -15.22	42.42 3.76 -12.52	37.49 3.44 -10.02	33.42 3.09 -6.90	31.85 2.61 -6.91	31.83 2.84 -6.63
PROJECT___ORANGE 1 24174	22.84 -0.39 0.00	21.72 -0.35 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.77 -0.31 0.00	29.40 -0.33 -0.14	31.43 -0.09 -0.79	29.29 -0.15 -0.01	23.49 -0.36 0.00	22.95 -0.42 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.80 -0.51 0.00	23.25 -0.40 0.00	27.34 -0.22 0.00	28.80 -0.29 0.00	25.80 -0.34 0.00	23.85 -0.31 -0.12	23.00 -0.42 0.00	21.85 -0.47 0.00	22.02 -0.34 0.00
PROJECT___ORANGE 2 24166	22.84 -0.39 0.00	21.72 -0.35 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.77 -0.31 0.00	29.40 -0.33 -0.14	31.43 -0.09 -0.79	29.29 -0.15 -0.01	23.49 -0.36 0.00	22.95 -0.42 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.80 -0.51 0.00	23.25 -0.40 0.00	27.34 -0.22 0.00	28.80 -0.29 0.00	25.80 -0.34 0.00	23.85 -0.31 -0.12	23.00 -0.42 0.00	21.85 -0.47 0.00	22.02 -0.34 0.00
PUCKETT___SOLAR 323809	24.10 0.86 0.00	22.86 0.79 0.00	22.34 0.80 0.00	22.40 0.78 0.00	23.46 0.88 0.00	25.15 1.06 0.00	31.40 1.36 -0.45	34.76 1.54 -2.49	30.77 1.33 -0.01	24.62 0.76 -0.01	23.96 0.58 0.00	23.54 0.39 0.00	22.62 0.25 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.80 0.49 0.00	24.51 0.85 0.00	28.96 1.40 0.00	30.50 1.40 -0.02	27.35 1.20 -0.01	25.41 0.99 -0.39	24.31 0.89 0.00	23.04 0.71 0.00	23.23 0.87 0.00
PYRITES___HYD 24023	23.12 -0.12 0.00	21.94 -0.13 0.00	21.39 -0.15 0.00	21.45 -0.17 0.00	22.37 -0.20 0.00	23.65 -0.43 0.00	29.09 -0.50 0.00	30.31 -0.43 0.00	28.87 -0.56 0.00	23.46 -0.38 0.00	23.14 -0.23 0.00	23.17 0.02 0.00	22.62 0.25 0.00	22.36 0.24 0.00	22.70 0.25 0.00	22.36 0.04 0.00	23.37 -0.28 0.00	26.90 -0.66 0.00	28.39 -0.70 0.00	25.53 -0.60 0.00	22.50 -0.58 0.97	22.85 -0.56 0.01	21.99 -0.33 0.00	21.82 -0.54 0.01
QUAKERRD_115KV_BK1 80622	21.93 -1.30 0.00	20.86 -1.21 0.00	20.36 -1.19 0.00	20.39 -1.23 0.00	21.29 -1.29 0.00	22.81 -1.28 0.00	28.22 -1.54 -0.17	30.21 -1.48 -0.94	27.87 -1.53 0.03	22.22 -1.60 0.02	21.76 -1.61 0.00	21.41 -1.74 0.00	20.58 -1.79 0.00	20.33 -1.79 0.00	20.68 -1.77 0.00	20.68 -1.63 0.00	22.12 -1.54 0.00	26.15 -1.41 0.00	27.43 -1.63 0.03	24.46 -1.65 0.03	22.77 -1.42 -0.14	21.74 -1.69 0.00	20.65 -1.67 0.00	21.00 -1.36 0.00
QUENSBRY_115KV_TB8 356137	24.16 0.93 0.00	23.00 0.93 0.00	22.41 0.86 0.00	22.53 0.91 0.00	23.50 0.93 0.00	25.24 1.16 0.00	32.68 1.48 -1.61	40.97 1.51 -8.73	30.79 1.35 0.00	24.77 0.93 0.00	24.29 0.91 0.00	23.89 0.74 0.00	22.75 0.38 0.00	22.50 0.38 0.00	22.84 0.38 0.00	22.78 0.47 0.00	24.60 0.95 0.00	28.96 1.41 0.00	30.71 1.60 -0.02	27.60 1.46 0.00	26.78 1.37 -1.37	24.57 1.15 0.00	23.19 0.87 0.00	23.83 1.48 0.00
RAMAPO___LBMP 323565	24.68 1.44 0.00	23.39 1.32 0.00	22.86 1.31 0.00	22.94 1.32 0.00	23.96 1.38 0.00	25.70 1.61 0.00	33.02 2.22 -1.22	39.73 2.40 -6.60	31.82 2.38 0.00	25.66 1.81 0.00	25.08 1.71 0.00	24.61 1.46 0.00	23.72 1.34 0.00	23.42 1.31 0.00	23.81 1.35 0.00	23.72 1.41 0.00	25.36 1.70 0.00	29.98 2.29 -0.13	31.89 2.53 -0.27	28.43 2.17 -0.12	27.08 2.00 -1.04	25.30 1.87 0.00	23.91 1.58 0.00	24.06 1.70 0.00
RANKINE___ 23646	21.93 -1.30 0.00	20.83 -1.24 0.00	20.38 -1.16 0.00	20.37 -1.25 0.00	21.20 -1.38 0.00	22.71 -1.37 0.00	27.37 -2.43 -0.21	29.37 -2.52 -1.15	27.36 -2.06 0.01	21.86 -1.98 0.01	21.43 -1.94 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.28 -2.03 0.00	21.81 -1.85 0.00	26.04 -1.52 0.00	26.76 -2.33 0.01	24.01 -2.12 0.01	21.98 -2.24 -0.18	21.29 -2.13 0.00	20.22 -2.10 0.00	20.88 -1.48 0.00
RAVENSWOOD_GT2_1 24244	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT2_2 24245	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT2_3 24246	25.02 1.79 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.09 2.00 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.49 2.91 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.49 1.70 -1.67	25.37 1.73 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.63 2.78 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.30 1.96 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT2_4 24247	25.02 1.79 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.09 2.00 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.49 2.91 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.49 1.70 -1.67	25.37 1.73 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.63 2.78 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.30 1.96 -0.02	24.44 2.08 0.00



RAVENSWOOD_GT3_1 24248	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT3_2 24249	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT3_3 24250	25.05 1.81 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.25 1.62 0.00	24.27 1.69 0.00	26.11 2.02 0.00	33.62 2.75 -1.28	40.55 2.95 -6.86	37.52 2.94 -5.14	30.41 2.24 -4.32	30.46 2.13 -4.96	27.95 1.88 -2.93	26.23 1.75 -2.12	25.51 1.73 -1.67	25.39 1.75 -1.18	26.22 1.81 -2.11	32.18 2.15 -6.38	52.65 2.81 -22.29	41.80 3.05 -9.65	48.69 2.67 -19.89	30.28 2.43 -3.82	27.40 2.30 -1.68	24.30 1.96 -0.02	24.46 2.10 0.00
RAVENSWOOD_GT3_4 24251	25.05 1.81 0.00	23.73 1.66 0.00	23.16 1.62 0.00	23.25 1.62 0.00	24.27 1.69 0.00	26.11 2.02 0.00	33.62 2.75 -1.28	40.55 2.95 -6.86	37.52 2.94 -5.14	30.41 2.24 -4.32	30.46 2.13 -4.96	27.95 1.88 -2.93	26.23 1.75 -2.12	25.51 1.73 -1.67	25.39 1.75 -1.18	26.22 1.81 -2.11	32.18 2.15 -6.38	52.65 2.81 -22.29	41.80 3.05 -9.65	48.69 2.67 -19.89	30.28 2.43 -3.82	27.40 2.30 -1.68	24.30 1.96 -0.02	24.46 2.10 0.00
RAVENSWOOD_GT_1 23729	25.12 1.88 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.86	52.74 3.03 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.36 2.50 -3.82	27.47 2.37 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
RAVENSWOOD_GT_10 24258	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT_11 24259	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT_4 24252	25.00 1.77 0.00	23.68 1.61 0.00	23.12 1.57 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.36 2.19 -4.32	30.41 2.08 -4.96	27.91 1.83 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.18 1.76 -2.11	32.14 2.11 -6.38	52.60 2.76 -22.29	41.74 3.00 -9.65	48.63 2.61 -19.89	30.24 2.38 -3.82	27.35 2.25 -1.68	24.28 1.94 -0.02	24.42 2.06 0.00
RAVENSWOOD_GT_5 24254	25.00 1.77 0.00	23.68 1.61 0.00	23.12 1.57 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.36 2.19 -4.32	30.41 2.08 -4.96	27.91 1.83 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.18 1.76 -2.11	32.14 2.11 -6.38	52.60 2.76 -22.29	41.74 3.00 -9.65	48.63 2.61 -19.89	30.24 2.38 -3.82	27.35 2.25 -1.68	24.28 1.94 -0.02	24.42 2.06 0.00
RAVENSWOOD_GT_6 24253	25.00 1.77 0.00	23.68 1.61 0.00	23.12 1.57 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.36 2.19 -4.32	30.41 2.08 -4.96	27.91 1.83 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.18 1.76 -2.11	32.14 2.11 -6.38	52.60 2.76 -22.29	41.74 3.00 -9.65	48.63 2.61 -19.89	30.24 2.38 -3.82	27.35 2.25 -1.68	24.28 1.94 -0.02	24.42 2.06 0.00
RAVENSWOOD_GT_7 24255	25.00 1.77 0.00	23.68 1.61 0.00	23.12 1.57 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.06 1.98 0.00	33.56 2.69 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.36 2.19 -4.32	30.41 2.08 -4.96	27.91 1.83 -2.93	26.19 1.70 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.18 1.76 -2.11	32.14 2.11 -6.38	52.60 2.76 -22.29	41.74 3.00 -9.65	48.63 2.61 -19.89	30.24 2.38 -3.82	27.35 2.25 -1.68	24.28 1.94 -0.02	24.42 2.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD_GT_9 24257	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.88 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.78 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.77 3.03 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.28 1.94 -0.02	24.44 2.08 0.00
RAVENSWOOD____1 23533	25.12 1.88 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.87	52.71 3.00 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.36 2.50 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
RAVENSWOOD____2 23534	25.12 1.88 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.87	52.71 3.00 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.36 2.50 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01

RAVENSWOOD___3 23535	25.00 1.77 0.00	23.70 1.63 0.00	23.16 1.62 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.06 1.98 0.00	33.59 2.72 -1.28	40.49 2.89 -6.86	37.46 2.89 -5.14	30.38 2.22 -4.32	30.44 2.10 -4.96	27.93 1.85 -2.93	26.21 1.72 -2.12	25.47 1.68 -1.67	25.35 1.71 -1.18	26.20 1.79 -2.11	32.16 2.13 -6.38	52.60 2.76 -22.29	41.74 3.00 -9.65	48.66 2.64 -19.89	30.26 2.40 -3.82	27.38 2.27 -1.68	24.23 1.90 -0.02	24.44 2.08 0.00
RAVENSWOOD___4 23820	25.12 1.88 -0.01	23.80 1.72 -0.01	23.26 1.70 -0.01	23.31 1.69 0.00	24.35 1.76 -0.01	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.87	52.71 3.00 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.71 3.11 -20.51	48.76 2.74 -19.89	30.36 2.50 -3.82	27.45 2.34 -1.68	24.33 1.99 -0.02	24.54 2.17 -0.01
RCPL_TRUST___DRP 24196	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.09 2.00 0.00	33.62 2.75 -1.28	40.55 2.95 -6.86	37.40 2.94 -5.02	30.33 2.27 -4.22	30.37 2.15 -4.85	27.91 1.90 -2.86	26.21 1.77 -2.07	25.48 1.73 -1.63	25.37 1.75 -1.16	26.20 1.83 -2.06	32.06 2.18 -6.23	52.15 2.81 -21.78	41.59 3.05 -9.44	48.24 2.67 -19.44	30.25 2.45 -3.75	27.36 2.30 -1.64	24.30 1.96 -0.02	24.44 2.08 0.00
RED___ROCHESTER 323720	22.47 -0.77 0.00	21.34 -0.73 0.00	20.79 -0.75 0.00	20.87 -0.76 0.00	21.77 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.38 -1.03 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.08 -1.23 0.00	22.59 -1.06 0.00	26.76 -0.80 0.00	27.94 -1.13 0.02	24.97 -1.15 0.02	23.22 -0.96 -0.15	22.16 -1.27 0.00	21.12 -1.21 0.00	21.44 -0.92 0.00
REGAN___SOLAR 323812	26.07 2.83 0.00	24.83 2.76 0.00	24.20 2.65 0.00	24.33 2.70 0.00	25.45 2.87 0.00	27.43 3.35 0.00	35.65 4.29 -1.77	44.61 4.27 -9.60	33.11 3.68 0.00	26.37 2.53 0.00	25.60 2.22 0.00	25.19 2.04 0.00	24.12 1.75 0.00	23.80 1.68 0.00	24.21 1.75 0.00	24.32 2.01 0.00	26.49 2.84 0.00	31.50 3.94 0.00	33.33 4.22 -0.02	29.90 3.76 0.00	28.96 3.41 -1.50	26.45 3.02 0.00	24.89 2.57 0.00	25.04 2.68 0.00
RENSSELAER___COGEN 23796	24.12 0.88 0.00	23.00 0.93 0.00	22.45 0.90 0.00	22.53 0.91 0.00	23.48 0.90 0.00	25.08 0.99 0.00	32.06 0.92 -1.55	40.01 0.86 -8.41	30.37 0.94 0.00	24.75 0.91 0.00	24.31 0.94 0.00	23.84 0.69 0.00	22.69 0.31 0.00	22.45 0.33 0.00	22.79 0.34 0.00	22.71 0.40 0.00	24.29 0.64 0.00	28.50 0.94 0.00	30.10 0.99 -0.02	27.07 0.94 0.00	26.22 0.86 -1.32	24.38 0.96 0.00	23.12 0.80 0.00	23.21 0.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.95 1.72 0.00	23.79 1.72 0.00	23.16 1.62 0.00	23.31 1.69 0.00	24.32 1.74 0.00	26.16 2.07 0.00	33.86 2.66 -1.61	42.17 2.70 -8.72	31.85 2.41 0.00	25.49 1.65 0.00	24.92 1.54 0.00	24.52 1.37 0.00	23.27 0.89 0.00	22.98 0.86 0.00	23.36 0.90 0.00	23.34 1.03 0.00	25.38 1.73 0.00	30.04 2.48 0.00	31.87 2.76 -0.02	28.64 2.51 0.00	27.74 2.33 -1.37	25.41 1.99 0.00	23.91 1.58 0.00	24.53 2.17 0.00
REVERE_CPPR_DRP 24186	24.23 1.00 0.00	23.00 0.93 0.00	22.47 0.93 0.00	22.53 0.91 0.00	23.62 1.04 0.00	25.32 1.23 0.00	31.29 1.63 -0.07	33.06 1.91 -0.41	31.11 1.68 0.00	24.94 1.10 0.00	24.36 0.98 0.00	23.96 0.81 0.00	23.07 0.69 0.00	22.78 0.66 0.00	23.13 0.67 0.00	23.11 0.80 0.00	24.70 1.04 0.00	28.94 1.38 0.00	30.57 1.48 0.00	27.34 1.20 0.00	25.13 1.06 -0.03	24.34 0.91 0.00	23.10 0.78 0.00	23.23 0.87 0.00
REYNOLDS_115KV_TB3 80639	24.26 1.02 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.59 1.02 0.00	25.22 1.13 0.00	32.32 1.18 -1.55	40.35 1.20 -8.42	30.67 1.24 0.00	24.97 1.12 0.00	24.47 1.10 0.00	24.03 0.88 0.00	22.82 0.45 0.00	22.58 0.46 0.00	22.93 0.47 0.00	22.85 0.54 0.00	24.41 0.76 0.00	28.66 1.10 0.00	30.30 1.19 -0.02	27.23 1.10 0.00	26.37 1.01 -1.32	24.45 1.03 0.00	23.19 0.87 0.00	23.30 0.94 0.00
RIVERBAY____ 323610	25.28 2.04 0.00	23.99 1.92 0.00	23.42 1.87 0.00	23.53 1.90 0.00	24.54 1.96 0.00	26.38 2.29 0.00	33.85 2.99 -1.28	40.78 3.20 -6.85	32.79 3.18 -0.17	26.40 2.41 -0.14	25.83 2.29 -0.17	25.28 2.04 -0.10	24.32 1.88 -0.07	24.03 1.86 -0.05	24.38 1.89 -0.03	24.36 1.99 -0.07	26.21 2.34 -0.22	31.76 3.03 -1.17	34.30 3.29 -1.93	30.11 2.90 -1.07	27.85 2.62 -1.19	25.96 2.48 -0.05	24.49 2.17 0.00	24.66 2.30 0.00
RIVERSDE_115KV_TB3 55908	24.21 0.98 0.00	23.06 0.99 0.00	22.52 0.97 0.00	22.62 0.99 0.00	23.57 0.99 0.00	25.17 1.08 0.00	32.21 1.07 -1.55	40.21 1.05 -8.43	30.52 1.09 0.00	24.87 1.03 0.00	24.40 1.03 0.00	23.96 0.81 0.00	22.78 0.40 0.00	22.52 0.40 0.00	22.86 0.40 0.00	22.78 0.47 0.00	24.39 0.73 0.00	28.61 1.05 0.00	30.22 1.11 -0.02	27.18 1.05 0.00	26.33 0.96 -1.32	24.45 1.03 0.00	23.19 0.87 0.00	23.28 0.92 0.00
ROARING___BROOK_WT_PWR 323790	22.49 -0.74 0.00	21.34 -0.73 0.00	20.84 -0.71 0.00	20.91 -0.71 0.00	21.83 -0.74 0.00	23.22 -0.87 0.00	28.49 -1.09 0.00	29.60 -1.14 0.00	28.37 -1.06 0.00	23.08 -0.76 0.00	22.72 -0.65 0.00	22.64 -0.51 0.00	21.97 -0.40 0.00	21.74 -0.38 0.00	22.10 -0.36 0.00	21.91 -0.40 0.00	23.09 -0.57 0.00	26.65 -0.91 0.00	28.04 -1.05 0.00	25.11 -1.02 0.00	21.08 -0.94 2.03	22.52 -0.89 0.01	21.52 -0.80 0.00	21.47 -0.87 0.01
ROCHESRG_115KV_T4 355643	22.24 -1.00 0.00	21.14 -0.93 0.00	20.66 -0.88 0.00	20.67 -0.95 0.00	21.58 -0.99 0.00	23.10 -0.99 0.00	28.55 -1.21 -0.17	30.49 -1.20 -0.95	28.15 -1.27 0.02	22.42 -1.41 0.01	21.97 -1.40 0.00	21.60 -1.55 0.00	20.76 -1.61 0.00	20.53 -1.59 0.00	20.86 -1.59 0.00	20.86 -1.45 0.00	22.35 -1.30 0.00	26.48 -1.07 0.00	27.71 -1.37 0.02	24.71 -1.41 0.02	23.01 -1.18 -0.15	21.97 -1.45 0.00	20.85 -1.47 0.00	21.26 -1.10 0.00
ROCHESTER_9_IC 23652	22.38 -0.86 0.00	21.25 -0.82 0.00	20.77 -0.78 0.00	20.78 -0.84 0.00	21.70 -0.88 0.00	23.24 -0.84 0.00	28.70 -1.07 -0.17	30.68 -1.01 -0.96	28.32 -1.09 0.02	22.54 -1.29 0.01	22.09 -1.29 0.00	21.72 -1.44 0.00	20.87 -1.50 0.00	20.62 -1.50 0.00	20.95 -1.50 0.00	20.97 -1.34 0.00	22.47 -1.18 0.00	26.62 -0.94 0.00	27.88 -1.19 0.02	24.86 -1.25 0.02	23.13 -1.06 -0.15	22.06 -1.36 0.00	20.94 -1.38 0.00	21.38 -0.98 0.00
ROCKVIEW_13_KV_LD 356306	24.95 1.72 0.00	23.66 1.59 0.00	23.12 1.57 0.00	23.20 1.58 0.00	24.23 1.65 0.00	26.01 1.93 0.00	33.48 2.63 -1.26	40.41 2.83 -6.85	32.29 2.86 0.00	26.01 2.17 0.00	25.43 2.06 0.00	24.96 1.81 0.00	24.05 1.68 0.00	23.76 1.64 0.00	24.12 1.66 0.00	24.05 1.74 0.00	25.74 2.08 0.00	31.24 2.73 -0.96	33.92 3.00 -1.83	29.63 2.61 -0.88	27.58 2.38 -1.16	25.65 2.23 0.00	24.20 1.88 0.00	24.37 2.01 0.00

ROME____115KV_TB2 80656	24.23 1.00 0.00	23.00 0.93 0.00	22.47 0.93 0.00	22.53 0.91 0.00	23.62 1.04 0.00	25.32 1.23 0.00	31.29 1.63 -0.07	33.06 1.91 -0.41	31.11 1.68 0.00	24.94 1.10 0.00	24.36 0.98 0.00	23.96 0.81 0.00	23.07 0.69 0.00	22.78 0.66 0.00	23.13 0.67 0.00	23.11 0.80 0.00	24.70 1.04 0.00	28.94 1.38 0.00	30.57 1.48 0.00	27.34 1.20 0.00	25.13 1.06 -0.03	24.34 0.91 0.00	23.10 0.78 0.00	23.23 0.87 0.00
ROSETON____1 23587	24.61 1.37 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.88 1.25 0.00	23.89 1.31 0.00	25.63 1.54 0.00	32.93 2.07 -1.27	39.86 2.21 -6.90	31.64 2.21 0.00	25.54 1.69 0.00	24.97 1.59 0.00	24.49 1.34 0.00	23.60 1.23 0.00	23.33 1.22 0.00	23.69 1.23 0.00	23.60 1.29 0.00	25.24 1.59 0.00	29.68 2.12 0.00	31.40 2.30 -0.02	28.15 2.01 0.00	26.97 1.85 -1.07	25.16 1.73 0.00	23.75 1.43 0.00	23.95 1.59 0.00
ROSETON____2 23588	24.61 1.37 0.00	23.35 1.28 0.00	22.82 1.27 0.00	22.88 1.25 0.00	23.89 1.31 0.00	25.63 1.54 0.00	32.93 2.07 -1.27	39.86 2.21 -6.90	31.64 2.21 0.00	25.54 1.69 0.00	24.97 1.59 0.00	24.49 1.34 0.00	23.60 1.23 0.00	23.33 1.22 0.00	23.69 1.23 0.00	23.60 1.29 0.00	25.24 1.59 0.00	29.68 2.12 0.00	31.40 2.30 -0.02	28.15 2.01 0.00	26.97 1.85 -1.07	25.16 1.73 0.00	23.75 1.43 0.00	23.95 1.59 0.00
ROTTTRDAM_115KV_TB3 80664	24.12 0.88 0.00	22.93 0.86 0.00	22.36 0.82 0.00	22.47 0.84 0.00	23.44 0.86 0.00	25.10 1.01 0.00	32.52 1.30 -1.63	40.92 1.35 -8.83	30.73 1.30 0.00	24.82 0.98 0.00	24.29 0.91 0.00	23.91 0.76 0.00	22.95 0.58 0.00	22.69 0.58 0.00	23.04 0.58 0.00	22.96 0.65 0.00	24.53 0.88 0.00	28.77 1.21 0.00	30.42 1.31 0.00	27.31 1.18 0.00	26.50 1.08 -1.38	24.41 0.98 0.00	23.15 0.83 0.00	23.30 0.94 0.00
RUSSELL____1 23602	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
RUSSELL____2 23532	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
RUSSELL____3 23549	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
RUSSELL____4 23556	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
RUSSELL____STATION 23914	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
S SALMON____HYD 24043	22.84 -0.40 0.00	21.72 -0.35 0.00	21.20 -0.35 0.00	21.26 -0.37 0.00	22.24 -0.34 0.00	23.80 -0.29 0.00	29.40 -0.30 -0.11	31.15 -0.18 -0.59	29.11 -0.32 0.00	23.39 -0.45 0.00	22.88 -0.49 0.00	22.55 -0.60 0.00	21.70 -0.67 0.00	21.48 -0.64 0.00	21.81 -0.65 0.00	21.80 -0.51 0.00	23.20 -0.45 0.00	27.28 -0.28 0.00	28.77 -0.32 0.00	25.77 -0.37 0.00	23.68 -0.36 0.00	22.98 -0.45 0.00	21.85 -0.47 0.00	21.96 -0.40 0.00
S.PERRY__115KV_TB1 80734	23.68 0.44 0.00	22.45 0.38 0.00	21.91 0.37 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.71 0.63 0.00	30.59 0.74 -0.26	33.07 0.89 -1.44	30.24 0.79 -0.01	23.99 0.14 -0.01	23.35 -0.02 0.00	22.97 -0.19 0.00	22.04 -0.34 0.00	21.79 -0.33 0.00	22.19 -0.27 0.00	22.31 0.00 0.00	24.03 0.38 0.00	28.55 0.99 0.00	29.95 0.84 -0.01	26.69 0.55 -0.01	24.65 0.38 -0.22	23.59 0.16 0.00	22.28 -0.04 0.00	22.65 0.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.75 -1.49 0.00	20.66 -1.41 0.00	20.23 -1.31 0.00	20.22 -1.41 0.00	21.04 -1.54 0.00	22.50 -1.59 0.00	27.30 -2.49 -0.20	29.27 -2.58 -1.11	27.15 -2.27 0.01	21.62 -2.22 0.01	21.22 -2.15 0.00	20.84 -2.32 0.00	20.00 -2.37 0.00	19.73 -2.39 0.00	20.01 -2.45 0.00	20.08 -2.23 0.00	21.60 -2.06 0.00	25.79 -1.76 0.00	26.58 -2.50 0.01	23.80 -2.33 0.01	21.98 -2.24 -0.17	21.10 -2.32 0.00	20.07 -2.25 0.00	20.70 -1.65 0.00
SAWYER__23_KV_LOAD 55526	21.75 -1.49 0.00	20.66 -1.41 0.00	20.23 -1.31 0.00	20.22 -1.41 0.00	21.04 -1.54 0.00	22.50 -1.59 0.00	27.30 -2.49 -0.20	29.27 -2.58 -1.11	27.15 -2.27 0.01	21.62 -2.22 0.01	21.22 -2.15 0.00	20.84 -2.32 0.00	20.00 -2.37 0.00	19.73 -2.39 0.00	20.01 -2.45 0.00	20.08 -2.23 0.00	21.60 -2.06 0.00	25.79 -1.76 0.00	26.58 -2.50 0.01	23.80 -2.33 0.01	21.98 -2.24 -0.17	21.10 -2.32 0.00	20.07 -2.25 0.00	20.70 -1.65 0.00
SELKIRK____I 23801	24.26 1.02 0.00	23.06 0.99 0.00	22.52 0.97 0.00	22.62 1.00 0.00	23.59 1.02 0.00	25.22 1.13 0.00	32.39 1.27 -1.53	40.31 1.29 -8.28	30.70 1.26 0.00	24.85 1.00 0.00	24.33 0.96 0.00	23.94 0.79 0.00	22.89 0.51 0.00	22.65 0.53 0.00	23.00 0.54 0.00	22.89 0.58 0.00	24.48 0.83 0.00	28.66 1.10 0.00	30.27 1.16 -0.02	27.23 1.10 0.00	26.32 0.99 -1.30	24.43 1.01 0.00	23.17 0.85 0.00	23.30 0.94 0.00
SELKIRK____II 23799	24.14 0.91 0.00	22.95 0.88 0.00	22.41 0.86 0.00	22.49 0.87 0.00	23.46 0.88 0.00	25.10 1.01 0.00	32.26 1.12 -1.54	40.25 1.14 -8.37	30.58 1.15 0.00	24.80 0.95 0.00	24.31 0.94 0.00	23.89 0.74 0.00	22.82 0.45 0.00	22.58 0.47 0.00	22.93 0.47 0.00	22.82 0.51 0.00	24.39 0.73 0.00	28.58 1.02 0.00	30.19 1.08 -0.02	27.13 0.99 0.00	26.27 0.91 -1.31	24.36 0.94 0.00	23.10 0.78 0.00	23.21 0.85 0.00

SENECA OSWGO___HYD 24041	22.61 -0.63 0.00	21.50 -0.57 0.00	20.99 -0.56 0.00	21.06 -0.56 0.00	21.99 -0.59 0.00	23.51 -0.58 0.00	29.12 -0.59 -0.12	30.78 -0.61 -0.66	28.76 -0.68 0.00	23.18 -0.67 0.00	22.65 -0.72 0.00	22.34 -0.81 0.00	21.50 -0.87 0.00	21.26 -0.86 0.00	21.58 -0.88 0.00	21.55 -0.76 0.00	22.97 -0.69 0.00	26.95 -0.61 0.00	28.42 -0.67 0.00	25.48 -0.65 0.00	23.54 -0.60 -0.10	22.74 -0.68 0.00	21.63 -0.69 0.00	21.76 -0.60 0.00
SENECA___115KV_TB3 355854	21.96 -1.28 0.00	20.86 -1.21 0.00	20.43 -1.12 0.00	20.41 -1.21 0.00	21.25 -1.33 0.00	22.74 -1.35 0.00	27.43 -2.37 -0.21	29.43 -2.46 -1.15	27.42 -2.00 0.01	21.88 -1.96 0.01	21.46 -1.92 0.00	21.09 -2.06 0.00	20.23 -2.15 0.00	19.95 -2.17 0.00	20.23 -2.22 0.00	20.30 -2.01 0.00	21.83 -1.82 0.00	26.10 -1.46 0.00	26.78 -2.30 0.01	24.06 -2.06 0.01	22.03 -2.19 -0.18	21.31 -2.11 0.00	20.25 -2.08 0.00	20.91 -1.45 0.00
SENECA___ENERGY 23797	22.98 -0.26 0.00	21.83 -0.24 0.00	21.31 -0.24 0.00	21.39 -0.24 0.00	22.37 -0.20 0.00	23.99 -0.10 0.00	29.75 -0.03 -0.19	32.28 0.49 -1.05	29.92 0.41 -0.07	23.58 -0.31 -0.05	22.95 -0.42 0.00	22.60 -0.56 0.00	21.70 -0.67 0.00	21.46 -0.66 0.00	21.78 -0.67 0.00	21.80 -0.51 0.00	23.30 -0.35 0.00	27.48 -0.08 0.00	28.95 -0.20 -0.07	25.94 -0.26 -0.07	23.90 -0.29 -0.15	23.00 -0.42 0.00	21.83 -0.49 0.00	22.02 -0.33 0.00
SHOEMAKER___GT 23640	24.47 1.23 0.00	23.19 1.12 0.00	22.69 1.14 0.00	22.75 1.12 0.00	23.75 1.17 0.00	25.48 1.40 0.00	32.61 1.87 -1.16	39.00 1.97 -6.29	31.38 1.94 0.00	25.28 1.43 0.00	24.71 1.33 0.00	24.26 1.11 0.00	23.38 1.01 0.00	23.12 1.00 0.00	23.47 1.01 0.00	23.38 1.07 0.00	25.03 1.37 0.00	29.51 1.87 -0.08	31.29 2.04 -0.17	27.99 1.78 -0.07	26.64 1.61 -0.99	24.92 1.50 0.00	23.55 1.23 0.00	23.75 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	24.47 1.23 0.00	23.20 1.13 0.00	22.67 1.12 0.00	22.75 1.12 0.00	23.75 1.17 0.00	25.48 1.40 0.00	32.60 1.86 -1.15	38.95 1.97 -6.25	31.41 1.97 0.00	25.30 1.45 0.00	24.73 1.36 0.00	24.29 1.13 0.00	23.40 1.03 0.00	23.11 1.00 0.00	23.49 1.03 0.00	23.40 1.09 0.00	25.05 1.40 0.00	29.51 1.87 -0.08	31.31 2.07 -0.16	27.98 1.78 -0.07	26.63 1.61 -0.98	24.95 1.52 0.00	23.59 1.27 0.00	23.75 1.39 0.00
SHOREHAM_IC_1 23715	35.55 2.58 -9.74	36.77 2.43 -12.28	35.51 2.39 -11.58	32.14 2.36 -8.16	33.07 2.48 -8.01	39.12 2.87 -12.16	41.77 3.82 -8.36	43.60 4.09 -8.77	40.78 3.92 -7.43	33.78 2.96 -6.98	30.14 2.78 -3.98	27.02 2.48 -1.39	24.73 2.22 -0.14	29.85 2.26 -5.47	31.25 2.34 -6.46	31.48 2.45 -6.71	33.80 2.98 -7.17	44.92 3.94 -13.43	48.56 4.25 -15.22	42.42 3.76 -12.52	37.49 3.44 -10.02	33.42 3.09 -6.90	31.85 2.61 -6.91	31.83 2.84 -6.63
SHOREHAM_IC_2 23716	35.55 2.58 -9.74	36.77 2.43 -12.28	35.51 2.39 -11.58	32.14 2.36 -8.16	33.07 2.48 -8.01	39.12 2.87 -12.16	41.77 3.82 -8.36	43.60 4.09 -8.77	40.78 3.92 -7.43	33.78 2.96 -6.98	30.14 2.78 -3.98	27.02 2.48 -1.39	24.73 2.22 -0.14	29.85 2.26 -5.47	31.25 2.34 -6.46	31.48 2.45 -6.71	33.80 2.98 -7.17	44.92 3.94 -13.43	48.56 4.25 -15.22	42.42 3.76 -12.52	37.49 3.44 -10.02	33.42 3.09 -6.90	31.85 2.61 -6.91	31.83 2.84 -6.63
SISSONVILLE___ 23735	22.61 -0.63 0.00	21.43 -0.64 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.83 -0.75 0.00	23.05 -1.04 0.00	28.34 -1.27 -0.02	29.53 -1.32 -0.12	28.05 -1.38 0.00	22.87 -0.98 0.00	22.60 -0.77 0.00	22.69 -0.46 0.00	22.13 -0.25 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	21.89 -0.42 0.00	22.83 -0.83 0.00	26.29 -1.27 0.00	27.69 -1.40 0.00	24.88 -1.25 0.00	21.94 -1.18 0.92	22.29 -1.12 0.01	21.50 -0.83 0.00	21.39 -0.96 0.01
SITHE_IND_GS1 24169	22.33 -0.91 0.00	21.23 -0.84 0.00	20.73 -0.82 0.00	20.80 -0.82 0.00	21.72 -0.86 0.00	23.20 -0.89 0.00	28.63 -1.06 -0.10	30.18 -1.08 -0.52	28.34 -1.09 0.00	22.89 -0.95 0.00	22.39 -0.98 0.00	22.11 -1.04 0.00	21.30 -1.07 0.00	21.08 -1.04 0.00	21.38 -1.08 0.00	21.33 -0.98 0.00	22.68 -0.97 0.00	26.59 -0.97 0.00	28.02 -1.08 0.00	25.12 -1.02 0.00	23.21 -0.91 -0.08	22.46 -0.96 0.00	21.39 -0.94 0.00	21.53 -0.83 0.00
SITHE_IND_GS2 24170	22.33 -0.91 0.00	21.23 -0.84 0.00	20.73 -0.82 0.00	20.80 -0.82 0.00	21.72 -0.86 0.00	23.20 -0.89 0.00	28.63 -1.06 -0.10	30.18 -1.08 -0.52	28.34 -1.09 0.00	22.89 -0.95 0.00	22.39 -0.98 0.00	22.11 -1.04 0.00	21.30 -1.07 0.00	21.08 -1.04 0.00	21.38 -1.08 0.00	21.33 -0.98 0.00	22.68 -0.97 0.00	26.59 -0.97 0.00	28.02 -1.08 0.00	25.12 -1.02 0.00	23.21 -0.91 -0.08	22.46 -0.96 0.00	21.39 -0.94 0.00	21.53 -0.83 0.00
SITHE_IND_GS3 24171	22.33 -0.91 0.00	21.23 -0.84 0.00	20.73 -0.82 0.00	20.80 -0.82 0.00	21.72 -0.86 0.00	23.20 -0.89 0.00	28.63 -1.06 -0.10	30.18 -1.08 -0.52	28.34 -1.09 0.00	22.89 -0.95 0.00	22.39 -0.98 0.00	22.11 -1.04 0.00	21.30 -1.07 0.00	21.08 -1.04 0.00	21.38 -1.08 0.00	21.33 -0.98 0.00	22.68 -0.97 0.00	26.59 -0.97 0.00	28.02 -1.08 0.00	25.12 -1.02 0.00	23.21 -0.91 -0.08	22.46 -0.96 0.00	21.39 -0.94 0.00	21.53 -0.83 0.00
SITHE_IND_GS4 24172	22.33 -0.91 0.00	21.23 -0.84 0.00	20.73 -0.82 0.00	20.80 -0.82 0.00	21.72 -0.86 0.00	23.20 -0.89 0.00	28.63 -1.06 -0.10	30.18 -1.08 -0.52	28.34 -1.09 0.00	22.89 -0.95 0.00	22.39 -0.98 0.00	22.11 -1.04 0.00	21.30 -1.07 0.00	21.08 -1.04 0.00	21.38 -1.08 0.00	21.33 -0.98 0.00	22.68 -0.97 0.00	26.59 -0.97 0.00	28.02 -1.08 0.00	25.12 -1.02 0.00	23.21 -0.91 -0.08	22.46 -0.96 0.00	21.39 -0.94 0.00	21.53 -0.83 0.00
SITHE___BATAVIA 24024	22.33 -0.91 0.00	21.19 -0.88 0.00	20.64 -0.90 0.00	20.72 -0.91 0.00	21.56 -1.02 0.00	23.20 -0.89 0.00	28.30 -1.48 -0.19	30.30 -1.47 -1.04	27.89 -1.53 0.02	22.21 -1.62 0.01	21.76 -1.61 0.00	21.32 -1.83 0.00	20.45 -1.92 0.00	20.19 -1.92 0.00	20.55 -1.91 0.00	20.66 -1.65 0.00	22.21 -1.44 0.00	26.48 -1.08 0.00	27.36 -1.72 0.01	24.50 -1.62 0.02	22.71 -1.49 -0.16	21.69 -1.73 0.00	20.69 -1.63 0.00	21.17 -1.19 0.00
SITHE___INDEPEND 23800	22.33 -0.91 0.00	21.23 -0.84 0.00	20.75 -0.80 0.00	20.80 -0.82 0.00	21.72 -0.86 0.00	23.20 -0.89 0.00	28.63 -1.07 -0.10	30.19 -1.08 -0.52	28.34 -1.09 0.00	22.89 -0.95 0.00	22.39 -0.98 0.00	22.11 -1.04 0.00	21.30 -1.07 0.00	21.08 -1.04 0.00	21.38 -1.08 0.00	21.33 -0.98 0.00	22.68 -0.97 0.00	26.59 -0.96 0.00	28.04 -1.05 0.00	25.12 -1.02 0.00	23.21 -0.91 -0.08	22.46 -0.96 0.00	21.36 -0.96 0.00	21.53 -0.83 0.00
SITHE___MASSENA 23902	22.93 -0.30 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.56 -0.53 0.00	28.85 -0.74 0.00	29.94 -0.80 0.00	28.64 -0.79 0.00	23.32 -0.52 0.00	22.98 -0.40 0.00	23.01 -0.14 0.00	22.44 0.07 0.00	22.19 0.07 0.00	22.53 0.07 0.00	22.22 -0.09 0.00	23.28 -0.38 0.00	26.82 -0.74 0.00	28.31 -0.78 0.00	25.43 -0.70 0.00	22.25 -0.65 1.14	22.85 -0.56 0.01	21.94 -0.38 0.00	21.79 -0.56 0.01

SITHE___OGDNSBRG 24021	23.07 -0.16 0.00	21.89 -0.18 0.00	21.35 -0.19 0.00	21.45 -0.17 0.00	22.42 -0.16 0.00	23.73 -0.36 0.00	29.14 -0.44 0.00	30.31 -0.43 0.00	28.87 -0.56 0.00	23.49 -0.36 0.00	23.16 -0.21 0.00	23.20 0.05 0.00	22.64 0.27 0.00	22.38 0.27 0.00	22.73 0.27 0.00	22.40 0.09 0.00	23.44 -0.21 0.00	26.98 -0.58 0.00	28.48 -0.61 0.00	25.64 -0.50 0.00	22.54 -0.48 1.02	22.97 -0.45 0.01	22.08 -0.25 0.00	21.93 -0.42 0.01
SITHE___STERLING 23777	24.00 0.77 0.00	22.80 0.73 0.00	22.28 0.73 0.00	22.34 0.71 0.00	23.39 0.81 0.00	25.08 0.99 0.00	31.01 1.33 -0.09	32.79 1.57 -0.49	30.82 1.38 0.00	24.73 0.88 0.00	24.15 0.77 0.00	23.78 0.63 0.00	22.89 0.51 0.00	22.61 0.49 0.00	22.95 0.49 0.00	22.93 0.62 0.00	24.46 0.80 0.00	28.69 1.13 0.00	30.26 1.16 0.00	27.10 0.97 0.00	24.95 0.84 -0.07	24.15 0.73 0.00	22.92 0.60 0.00	23.05 0.69 0.00
SLEIGHT__34_KV_TB1 80719	22.51 -0.72 0.00	21.39 -0.68 0.00	20.88 -0.67 0.00	20.93 -0.69 0.00	21.86 -0.72 0.00	23.44 -0.65 0.00	29.08 -0.68 -0.17	31.26 -0.43 -0.96	28.88 -0.53 0.02	22.90 -0.93 0.01	22.39 -0.98 0.00	22.04 -1.11 0.00	21.16 -1.21 0.00	20.90 -1.22 0.00	21.24 -1.21 0.00	21.26 -1.05 0.00	22.76 -0.90 0.00	26.87 -0.69 0.00	28.23 -0.84 0.02	25.20 -0.91 0.02	23.39 -0.79 -0.14	22.39 -1.03 0.00	21.23 -1.09 0.00	21.53 -0.83 0.00
SOUTH CAIRO___GT 23612	25.09 1.86 0.00	23.88 1.81 0.00	23.31 1.77 0.00	23.42 1.79 0.00	24.43 1.85 0.00	26.18 2.09 0.00	33.10 2.04 -1.47	40.66 1.94 -7.98	31.35 1.91 0.00	25.06 1.22 0.00	24.57 1.19 0.00	24.03 0.88 0.00	22.91 0.54 0.00	22.65 0.53 0.00	23.04 0.58 0.00	23.00 0.69 0.00	24.88 1.23 0.00	29.41 1.85 0.00	31.11 2.01 -0.02	27.94 1.80 0.00	26.71 1.42 -1.25	24.99 1.57 0.00	23.68 1.36 0.00	23.86 1.50 0.00
SOUTH HAMPTN___IC 23720	35.81 2.83 -9.74	37.01 2.67 -12.28	35.75 2.63 -11.58	32.38 2.59 -8.16	33.29 2.71 -8.01	39.41 3.15 -12.16	42.12 4.17 -8.36	43.97 4.46 -8.77	41.13 4.27 -7.43	34.04 3.22 -6.98	30.39 3.04 -3.98	27.27 2.73 -1.39	24.95 2.44 -0.14	30.07 2.48 -5.47	31.48 2.56 -6.46	31.70 2.68 -6.71	34.06 3.24 -7.17	45.26 4.27 -13.43	48.91 4.59 -15.22	42.73 4.08 -12.52	37.76 3.70 -10.02	33.65 3.32 -6.90	32.07 2.84 -6.91	32.05 3.06 -6.63
SOUTHDOW__115KV_TB1 355954	22.54 -0.70 0.00	21.30 -0.77 0.00	20.86 -0.69 0.00	20.95 -0.67 0.00	21.76 -0.81 0.00	23.41 -0.67 0.00	28.19 -1.63 -0.23	30.35 -1.66 -1.27	28.34 -1.09 0.01	22.77 -1.07 0.00	22.28 -1.10 0.00	21.88 -1.27 0.00	20.96 -1.41 0.00	20.64 -1.48 0.00	20.91 -1.55 0.00	21.02 -1.29 0.00	22.61 -1.04 0.00	27.01 -0.55 0.00	27.57 -1.51 0.00	24.74 -1.39 0.01	22.41 -1.83 -0.20	21.90 -1.52 0.00	20.69 -1.63 0.00	21.44 -0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	36.16 3.18 -9.74	37.39 3.05 -12.28	36.08 2.95 -11.58	32.71 2.92 -8.16	33.65 3.07 -8.00	39.79 3.54 -12.16	42.65 4.70 -8.36	44.52 5.01 -8.77	41.66 4.80 -7.43	34.43 3.60 -6.98	30.75 3.39 -3.98	27.60 3.06 -1.39	25.27 2.75 -0.14	30.36 2.76 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.80 -13.43	49.49 5.18 -15.22	43.20 4.55 -12.52	38.19 4.13 -10.02	34.05 3.72 -6.90	32.43 3.19 -6.91	32.39 3.40 -6.63
SOUTHOLD___IC 23719	36.16 3.18 -9.74	37.39 3.05 -12.28	36.10 2.97 -11.58	32.70 2.92 -8.16	33.63 3.05 -8.01	39.79 3.54 -12.16	42.65 4.71 -8.36	44.52 5.01 -8.77	41.63 4.77 -7.43	34.43 3.60 -6.98	30.74 3.39 -3.98	27.60 3.06 -1.39	25.26 2.75 -0.14	30.36 2.76 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.79 -13.43	49.46 5.15 -15.22	43.20 4.55 -12.52	38.19 4.14 -10.02	34.02 3.70 -6.90	32.38 3.15 -6.91	32.39 3.40 -6.63
SOUTH_FORK_WT_PWR 323839	36.20 3.23 -9.74	37.41 3.07 -12.28	36.12 2.99 -11.58	32.73 2.94 -8.16	33.68 3.09 -8.01	39.82 3.56 -12.16	42.68 4.73 -8.36	44.55 5.04 -8.77	41.66 4.80 -7.43	34.45 3.62 -6.98	30.77 3.41 -3.98	27.62 3.08 -1.39	25.29 2.77 -0.14	30.38 2.79 -5.47	31.77 2.85 -6.46	32.01 2.99 -6.71	34.44 3.62 -7.17	45.78 4.79 -13.43	49.46 5.15 -15.22	43.20 4.55 -12.52	38.19 4.14 -10.02	34.02 3.70 -6.90	32.38 3.15 -6.91	32.39 3.40 -6.63
SPIERFLS_115KV_TB 1 80737	24.00 0.77 0.00	22.84 0.77 0.00	22.26 0.71 0.00	22.38 0.76 0.00	23.35 0.77 0.00	25.05 0.96 0.00	32.47 1.27 -1.61	40.73 1.26 -8.74	30.55 1.12 0.00	24.61 0.76 0.00	24.17 0.79 0.00	23.78 0.63 0.00	22.64 0.27 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.67 0.36 0.00	24.44 0.78 0.00	28.74 1.19 0.00	30.48 1.37 -0.02	27.39 1.25 0.00	26.59 1.18 -1.37	24.41 0.98 0.00	23.04 0.71 0.00	23.72 1.36 0.00
ST LAWRENCE____ 23600	22.70 -0.53 0.00	21.56 -0.51 0.00	21.03 -0.52 0.00	21.11 -0.52 0.00	22.04 -0.54 0.00	23.37 -0.72 0.00	28.61 -0.98 0.00	29.66 -1.08 0.00	28.40 -1.03 0.00	23.15 -0.69 0.00	22.79 -0.58 0.00	22.83 -0.32 0.00	22.26 -0.11 0.00	22.03 -0.09 0.00	22.37 -0.09 0.00	22.09 -0.22 0.00	23.13 -0.52 0.00	26.62 -0.94 0.00	28.10 -0.99 0.00	25.27 -0.86 0.00	22.07 -0.79 1.18	22.74 -0.68 0.01	21.81 -0.51 0.00	21.66 -0.69 0.01
STATE_CA_115KV_115_LB 55624	24.21 0.98 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.57 0.99 0.00	25.20 1.11 0.00	32.22 1.07 -1.57	40.25 1.01 -8.49	30.52 1.09 0.00	24.85 1.00 0.00	24.40 1.03 0.00	23.94 0.79 0.00	22.78 0.40 0.00	22.54 0.42 0.00	22.88 0.43 0.00	22.80 0.49 0.00	24.41 0.76 0.00	28.63 1.07 0.00	30.24 1.13 -0.02	27.23 1.10 0.00	26.38 1.01 -1.33	24.50 1.08 0.00	23.24 0.92 0.00	23.32 0.96 0.00
STATE_ST_34_KV_LOAD 55959	23.12 -0.12 0.00	21.96 -0.11 0.00	21.44 -0.11 0.00	21.52 -0.11 0.00	22.49 -0.09 0.00	24.11 0.02 0.00	29.95 0.18 -0.18	32.67 0.89 -1.04	30.26 0.79 -0.03	23.72 -0.14 -0.02	23.14 -0.23 0.00	22.80 -0.35 0.00	21.93 -0.45 0.00	21.68 -0.44 0.00	22.01 -0.45 0.00	21.98 -0.33 0.00	23.47 -0.19 0.00	27.61 0.06 0.00	29.18 0.06 -0.03	26.11 -0.05 -0.03	24.09 -0.10 -0.15	23.21 -0.21 0.00	22.01 -0.31 0.00	22.18 -0.18 0.00
STATION 5_MISC_HYD 23604	22.38 -0.86 0.00	21.25 -0.82 0.00	20.71 -0.84 0.00	20.78 -0.84 0.00	21.70 -0.88 0.00	23.24 -0.84 0.00	28.70 -1.06 -0.17	30.68 -1.01 -0.96	28.26 -1.15 0.02	22.54 -1.29 0.01	22.09 -1.29 0.00	21.72 -1.44 0.00	20.87 -1.50 0.00	20.61 -1.50 0.00	20.95 -1.50 0.00	20.99 -1.32 0.00	22.47 -1.18 0.00	26.62 -0.94 0.00	27.82 -1.25 0.02	24.84 -1.28 0.02	23.13 -1.06 -0.15	22.06 -1.36 0.00	21.05 -1.27 0.00	21.38 -0.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.82 -0.42 0.00	21.67 -0.40 0.00	21.18 -0.37 0.00	21.21 -0.41 0.00	22.17 -0.41 0.00	23.80 -0.29 0.00	29.44 -0.33 -0.18	31.56 -0.18 -1.01	29.12 -0.24 0.08	23.17 -0.62 0.06	22.67 -0.70 0.00	22.29 -0.86 0.00	21.41 -0.96 0.00	21.15 -0.97 0.00	21.51 -0.94 0.00	21.53 -0.78 0.00	23.06 -0.59 0.00	27.28 -0.28 0.00	28.61 -0.41 0.07	25.51 -0.57 0.05	23.69 -0.50 -0.15	22.67 -0.75 0.00	21.50 -0.83 0.00	21.82 -0.54 0.00

STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.28 -0.95 0.00	21.17 -0.90 0.00	20.68 -0.86 0.00	20.72 -0.91 0.00	21.61 -0.97 0.00	23.17 -0.92 0.00	28.64 -1.12 -0.17	30.62 -1.08 -0.96	28.26 -1.15 0.02	22.49 -1.34 0.02	22.04 -1.33 0.00	21.67 -1.48 0.00	20.83 -1.54 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.95 -1.36 0.00	22.42 -1.23 0.00	26.54 -1.02 0.00	27.82 -1.25 0.02	24.81 -1.31 0.02	23.08 -1.11 -0.15	22.02 -1.41 0.00	20.89 -1.43 0.00	21.31 -1.05 0.00
STA_56____34_KV_BUS2 355983	22.28 -0.95 0.00	21.17 -0.90 0.00	20.68 -0.86 0.00	20.72 -0.91 0.00	21.61 -0.97 0.00	23.17 -0.92 0.00	28.64 -1.12 -0.17	30.62 -1.08 -0.96	28.26 -1.15 0.02	22.49 -1.34 0.02	22.04 -1.33 0.00	21.67 -1.48 0.00	20.83 -1.54 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.95 -1.36 0.00	22.42 -1.23 0.00	26.54 -1.02 0.00	27.82 -1.25 0.02	24.81 -1.31 0.02	23.08 -1.11 -0.15	22.02 -1.41 0.00	20.89 -1.43 0.00	21.31 -1.05 0.00
STA_67____115KV_BK2 355882	22.33 -0.91 0.00	21.21 -0.86 0.00	20.73 -0.82 0.00	20.74 -0.89 0.00	21.65 -0.93 0.00	23.20 -0.89 0.00	28.64 -1.12 -0.17	30.62 -1.08 -0.96	28.27 -1.15 0.02	22.50 -1.34 0.01	22.04 -1.33 0.00	21.67 -1.48 0.00	20.83 -1.54 0.00	20.57 -1.55 0.00	20.91 -1.55 0.00	20.93 -1.38 0.00	22.42 -1.23 0.00	26.57 -0.99 0.00	27.82 -1.25 0.02	24.81 -1.31 0.02	23.08 -1.11 -0.15	22.02 -1.41 0.00	20.92 -1.41 0.00	21.33 -1.03 0.00
STA_7____115KV_9TRANS 80674	22.47 -0.77 0.00	21.34 -0.73 0.00	20.83 -0.71 0.00	20.87 -0.76 0.00	21.76 -0.81 0.00	23.34 -0.75 0.00	28.81 -0.95 -0.17	30.80 -0.89 -0.96	28.44 -0.97 0.02	22.64 -1.19 0.01	22.18 -1.19 0.00	21.81 -1.34 0.00	20.94 -1.43 0.00	20.70 -1.42 0.00	21.04 -1.41 0.00	21.06 -1.25 0.00	22.57 -1.09 0.00	26.76 -0.80 0.00	28.03 -1.05 0.02	24.97 -1.15 0.02	23.23 -0.96 -0.15	22.16 -1.26 0.00	21.03 -1.29 0.00	21.46 -0.89 0.00
STA_82____115KV_TB1 80780	22.33 -0.91 0.00	21.23 -0.84 0.00	20.73 -0.82 0.00	20.76 -0.86 0.00	21.65 -0.93 0.00	23.20 -0.89 0.00	28.67 -1.09 -0.17	30.62 -1.08 -0.96	28.29 -1.12 0.02	22.52 -1.31 0.01	22.04 -1.33 0.00	21.69 -1.46 0.00	20.83 -1.54 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.95 -1.36 0.00	22.45 -1.21 0.00	26.59 -0.96 0.00	27.82 -1.25 0.02	24.81 -1.31 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	20.92 -1.41 0.00	21.35 -1.01 0.00
STEEL____WIND 323596	21.96 -1.28 0.00	20.86 -1.21 0.00	20.32 -1.23 0.00	20.39 -1.23 0.00	21.22 -1.35 0.00	22.74 -1.35 0.00	27.40 -2.40 -0.21	29.40 -2.49 -1.15	27.21 -2.21 0.01	21.88 -1.95 0.01	21.46 -1.92 0.00	21.07 -2.08 0.00	20.20 -2.17 0.00	19.93 -2.19 0.00	20.21 -2.25 0.00	20.33 -1.99 0.00	21.83 -1.82 0.00	26.07 -1.49 0.00	26.58 -2.50 0.01	24.01 -2.12 0.01	22.01 -2.21 -0.18	21.29 -2.13 0.00	20.36 -1.96 0.00	20.88 -1.48 0.00
STEPHTWN_115KV_BK_2 55603	24.47 1.23 0.00	23.31 1.24 0.00	22.75 1.21 0.00	22.86 1.23 0.00	23.82 1.24 0.00	25.46 1.37 0.00	32.56 1.42 -1.55	40.56 1.41 -8.41	30.85 1.41 0.00	25.08 1.24 0.00	24.61 1.24 0.00	24.15 1.00 0.00	22.93 0.56 0.00	22.69 0.58 0.00	23.04 0.58 0.00	22.98 0.67 0.00	24.65 0.99 0.00	28.96 1.41 0.00	30.59 1.48 -0.02	27.55 1.41 0.00	26.66 1.30 -1.32	24.78 1.36 0.00	23.46 1.14 0.00	23.52 1.16 0.00
STEUBEN_REC_LFGE 323667	23.86 0.63 0.00	22.62 0.55 0.00	22.11 0.56 0.00	22.19 0.56 0.00	23.19 0.61 0.00	24.95 0.87 0.00	30.85 0.95 -0.31	33.59 1.11 -1.74	30.73 1.27 -0.03	24.56 0.69 -0.02	23.89 0.51 0.00	23.43 0.28 0.00	22.44 0.07 0.00	22.16 0.04 0.00	22.52 0.07 0.00	22.60 0.29 0.00	24.29 0.64 0.00	28.83 1.27 0.00	30.08 0.96 -0.03	26.90 0.73 -0.03	24.65 0.34 -0.27	23.77 0.35 0.00	22.46 0.13 0.00	22.76 0.40 0.00
STILLWATER____SOLAR 323814	24.44 1.21 0.00	23.24 1.17 0.00	22.67 1.12 0.00	22.77 1.15 0.00	23.75 1.17 0.00	25.46 1.37 0.00	32.91 1.72 -1.60	41.18 1.75 -8.69	31.05 1.62 0.00	25.06 1.22 0.00	24.54 1.17 0.00	24.15 0.99 0.00	23.11 0.74 0.00	22.85 0.73 0.00	23.20 0.74 0.00	23.11 0.80 0.00	24.84 1.18 0.00	29.21 1.65 0.00	30.91 1.80 -0.02	27.78 1.65 0.00	26.92 1.52 -1.36	24.78 1.36 0.00	23.64 1.32 0.00	23.77 1.41 0.00
STONY____BROOK 24151	35.44 2.46 -9.74	36.66 2.32 -12.28	35.41 2.28 -11.58	32.04 2.25 -8.16	32.95 2.37 -8.01	39.00 2.74 -12.16	41.59 3.64 -8.36	43.39 3.87 -8.77	40.63 3.77 -7.43	33.71 2.88 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.15	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.68 2.86 -7.17	44.76 3.78 -13.43	48.36 4.04 -15.22	42.21 3.55 -12.52	37.30 3.24 -10.02	33.28 2.95 -6.90	31.76 2.52 -6.91	31.72 2.73 -6.63
STURGEON_POOL_HYD 23609	24.70 1.46 0.00	23.39 1.32 0.00	22.86 1.31 0.00	22.94 1.32 0.00	23.96 1.38 0.00	25.73 1.64 0.00	32.99 2.10 -1.30	40.05 2.24 -7.07	31.79 2.35 0.00	25.54 1.69 0.00	24.94 1.57 0.00	24.47 1.32 0.00	23.56 1.19 0.00	23.29 1.17 0.00	23.65 1.19 0.00	23.58 1.27 0.00	25.24 1.58 0.00	29.74 2.18 0.00	31.52 2.41 -0.02	28.17 2.04 0.00	26.90 1.75 -1.10	25.16 1.73 0.00	23.80 1.47 0.00	23.97 1.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.61 1.37 0.00	23.33 1.26 0.00	22.77 1.23 0.00	22.88 1.25 0.00	23.86 1.29 0.00	25.63 1.54 0.00	32.84 2.07 -1.18	39.38 2.21 -6.43	31.64 2.21 0.00	25.49 1.65 0.00	24.92 1.54 0.00	24.47 1.32 0.00	23.56 1.19 0.00	23.29 1.17 0.00	23.65 1.19 0.00	23.56 1.25 0.00	25.22 1.56 0.00	29.77 2.12 -0.09	31.61 2.33 -0.19	28.23 2.01 -0.09	26.88 1.83 -1.01	25.13 1.71 0.00	23.77 1.45 0.00	23.92 1.57 0.00
SWANROAD_115KV_TB1 355699	21.33 -1.91 0.00	20.28 -1.79 0.00	19.89 -1.66 0.00	19.85 -1.77 0.00	20.64 -1.94 0.00	22.06 -2.02 0.00	26.80 -2.99 -0.20	28.66 -3.17 -1.09	26.54 -2.88 0.01	21.07 -2.77 0.01	20.69 -2.69 0.00	20.30 -2.85 0.00	19.51 -2.86 0.00	19.24 -2.88 0.00	19.52 -2.94 0.00	19.59 -2.72 0.00	21.05 -2.60 0.00	25.16 -2.40 0.00	25.97 -3.11 0.01	23.22 -2.90 0.01	21.54 -2.67 -0.17	20.59 -2.83 0.00	19.60 -2.72 0.00	20.23 -2.12 0.00
SYNERGY____BIOGAS 323694	22.33 -0.91 0.00	21.19 -0.88 0.00	20.64 -0.90 0.00	20.72 -0.91 0.00	21.56 -1.02 0.00	23.20 -0.89 0.00	28.30 -1.48 -0.19	30.30 -1.47 -1.04	27.89 -1.53 0.02	22.21 -1.62 0.01	21.76 -1.61 0.00	21.32 -1.83 0.00	20.45 -1.92 0.00	20.19 -1.92 0.00	20.55 -1.91 0.00	20.66 -1.65 0.00	22.21 -1.44 0.00	26.48 -1.08 0.00	27.36 -1.72 0.01	24.50 -1.62 0.02	22.71 -1.49 -0.16	21.69 -1.73 0.00	20.69 -1.63 0.00	21.17 -1.19 0.00
SYRACUSE____ENERGY_ST1 323597	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00

SYRACUSE___ENERGY_ST2 323598	22.96 -0.28 0.00	21.83 -0.24 0.00	21.33 -0.22 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.59 -0.15 -0.15	31.99 0.40 -0.86	29.77 0.32 -0.02	23.50 -0.36 -0.01	22.93 -0.44 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.52 -0.60 0.00	21.85 -0.61 0.00	21.82 -0.49 0.00	23.25 -0.40 0.00	27.31 -0.25 0.00	28.84 -0.26 -0.01	25.83 -0.31 -0.01	23.85 -0.31 -0.12	23.02 -0.40 0.00	21.88 -0.45 0.00	22.02 -0.34 0.00
SYRACUSE___POWER 24017	22.96 -0.28 0.00	21.83 -0.24 0.00	21.31 -0.24 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.60 -0.15 -0.16	31.80 0.15 -0.91	29.53 0.09 -0.01	23.61 -0.24 0.00	23.07 -0.30 0.00	22.73 -0.42 0.00	21.88 -0.49 0.00	21.63 -0.49 0.00	21.96 -0.49 0.00	21.93 -0.38 0.00	23.39 -0.26 0.00	27.48 -0.08 0.00	28.98 -0.12 -0.01	25.98 -0.16 -0.01	24.01 -0.17 -0.13	23.14 -0.28 0.00	21.99 -0.33 0.00	22.14 -0.22 0.00
TALLMAN__138KV_BK151 55660	24.75 1.51 0.00	23.46 1.39 0.00	22.90 1.36 0.00	23.01 1.38 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.14 2.34 -1.21	39.81 2.49 -6.58	31.93 2.50 0.00	25.75 1.91 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.78 1.41 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.45 1.80 0.00	30.09 2.40 -0.13	32.00 2.65 -0.26	28.53 2.27 -0.12	27.17 2.09 -1.04	25.37 1.94 0.00	23.97 1.65 0.00	24.13 1.77 0.00
TEALLAVE_115KV_TB7 355573	22.82 -0.42 0.00	21.69 -0.38 0.00	21.20 -0.34 0.00	21.26 -0.37 0.00	22.19 -0.38 0.00	23.75 -0.34 0.00	29.40 -0.33 -0.14	31.39 -0.12 -0.78	29.29 -0.15 -0.01	23.46 -0.38 0.00	22.93 -0.44 0.00	22.60 -0.56 0.00	21.75 -0.63 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.78 -0.54 0.00	23.23 -0.43 0.00	27.28 -0.28 0.00	28.77 -0.32 0.00	25.77 -0.37 0.00	23.82 -0.34 -0.12	22.98 -0.45 0.00	21.83 -0.49 0.00	22.00 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	21.93 -1.30 0.00	20.83 -1.24 0.00	20.40 -1.14 0.00	20.37 -1.25 0.00	21.22 -1.35 0.00	22.74 -1.35 0.00	27.68 -2.10 -0.19	29.64 -2.15 -1.06	27.42 -2.00 0.02	21.76 -2.07 0.01	21.34 -2.03 0.00	20.95 -2.20 0.00	20.09 -2.28 0.00	19.84 -2.28 0.00	20.14 -2.31 0.00	20.21 -2.10 0.00	21.76 -1.89 0.00	25.96 -1.60 0.00	26.87 -2.21 0.01	24.00 -2.12 0.01	22.23 -1.97 -0.16	21.24 -2.18 0.00	20.18 -2.14 0.00	20.82 -1.54 0.00
TEMPLE___115KV_TB 2 55572	22.84 -0.39 0.00	21.72 -0.35 0.00	21.20 -0.34 0.00	21.28 -0.35 0.00	22.22 -0.36 0.00	23.77 -0.31 0.00	29.40 -0.33 -0.14	31.43 -0.09 -0.79	29.29 -0.15 -0.01	23.49 -0.36 0.00	22.95 -0.42 0.00	22.62 -0.53 0.00	21.77 -0.60 0.00	21.50 -0.62 0.00	21.83 -0.63 0.00	21.80 -0.51 0.00	23.25 -0.40 0.00	27.34 -0.22 0.00	28.80 -0.29 0.00	25.80 -0.34 0.00	23.85 -0.31 -0.12	23.00 -0.42 0.00	21.85 -0.47 0.00	22.02 -0.34 0.00
TIANA____69_KV_BK 1 55817	35.72 2.74 -9.74	36.95 2.60 -12.28	35.67 2.54 -11.58	32.29 2.51 -8.16	33.22 2.64 -8.00	39.31 3.06 -12.16	42.03 4.08 -8.36	43.85 4.33 -8.77	41.04 4.18 -7.43	33.97 3.15 -6.98	30.30 2.95 -3.98	27.18 2.64 -1.39	24.88 2.37 -0.14	30.00 2.41 -5.47	31.41 2.49 -6.46	31.63 2.61 -6.71	33.97 3.15 -7.17	45.17 4.19 -13.43	48.82 4.51 -15.22	42.63 3.97 -12.52	37.69 3.63 -10.02	33.60 3.28 -6.90	32.05 2.81 -6.91	31.99 3.00 -6.63
TILDEN___115KV_TB1 80814	22.96 -0.28 0.00	21.83 -0.24 0.00	21.31 -0.24 0.00	21.39 -0.24 0.00	22.33 -0.25 0.00	23.89 -0.19 0.00	29.60 -0.15 -0.16	31.80 0.15 -0.91	29.53 0.09 -0.01	23.61 -0.24 0.00	23.07 -0.30 0.00	22.73 -0.42 0.00	21.88 -0.49 0.00	21.63 -0.49 0.00	21.96 -0.49 0.00	21.93 -0.38 0.00	23.39 -0.26 0.00	27.48 -0.08 0.00	28.98 -0.12 -0.01	25.98 -0.16 -0.01	24.01 -0.17 -0.13	23.14 -0.28 0.00	21.99 -0.33 0.00	22.14 -0.22 0.00
TRIGEN___CC 323695	35.02 2.04 -9.74	36.24 1.90 -12.28	34.98 1.85 -11.58	31.65 1.86 -8.16	32.52 1.94 -8.00	38.49 2.24 -12.16	40.94 2.99 -8.36	42.71 3.20 -8.77	40.07 3.21 -7.43	33.28 2.46 -6.98	29.69 2.34 -3.98	26.89 2.08 -1.66	25.29 1.90 -1.01	29.50 1.90 -5.47	30.85 1.93 -6.46	31.03 2.01 -6.71	33.19 2.37 -7.17	44.04 3.06 -13.43	47.66 3.35 -15.22	41.55 2.90 -12.52	36.72 2.67 -10.02	32.83 2.51 -6.90	31.40 2.17 -6.91	31.29 2.30 -6.63
TRINITY__115KV__ 4 BK 55933	24.14 0.91 0.00	23.00 0.93 0.00	22.47 0.93 0.00	22.55 0.93 0.00	23.50 0.93 0.00	25.12 1.04 -1.55	32.09 0.95 -8.43	40.06 0.89 -8.43	30.40 0.97 0.00	24.80 0.95 0.00	24.36 0.98 0.00	23.89 0.74 0.00	22.71 0.34 0.00	22.47 0.35 0.00	22.82 0.36 0.00	22.73 0.42 0.00	24.32 0.66 0.00	28.52 0.96 0.00	30.13 1.02 -0.02	27.13 0.99 0.00	26.28 0.91 -1.32	24.43 1.01 0.00	23.15 0.83 0.00	23.25 0.89 0.00
UNION___PROCESSING_DRP 323587	22.33 -0.91 0.00	21.23 -0.84 0.00	20.75 -0.80 0.00	20.76 -0.86 0.00	21.67 -0.90 0.00	23.22 -0.87 0.00	28.67 -1.09 -0.17	30.66 -1.05 -0.96	28.29 -1.12 0.02	22.52 -1.31 0.01	22.07 -1.31 0.00	21.69 -1.46 0.00	20.85 -1.52 0.00	20.59 -1.53 0.00	20.93 -1.53 0.00	20.95 -1.36 0.00	22.45 -1.21 0.00	26.59 -0.96 0.00	27.85 -1.22 0.02	24.84 -1.28 0.02	23.11 -1.08 -0.15	22.04 -1.38 0.00	20.94 -1.38 0.00	21.35 -1.01 0.00
UPPER HUDSON___HYD 24058	24.00 0.77 0.00	22.84 0.77 0.00	22.26 0.71 0.00	22.38 0.76 0.00	23.35 0.77 0.00	25.05 0.96 0.00	32.47 1.27 -1.61	40.73 1.26 -8.74	30.55 1.12 0.00	24.61 0.76 0.00	24.17 0.80 0.00	23.78 0.63 0.00	22.64 0.27 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.67 0.36 0.00	24.43 0.78 0.00	28.74 1.18 0.00	30.48 1.37 -0.02	27.39 1.25 0.00	26.59 1.18 -1.37	24.38 0.96 0.00	23.62 1.29 0.00	23.72 1.36 0.00
UPPER RAQUET___HYD 24056	22.61 -0.63 0.00	21.43 -0.64 0.00	20.90 -0.65 0.00	20.98 -0.65 0.00	21.85 -0.72 0.00	23.05 -1.04 0.00	28.34 -1.27 -0.02	29.53 -1.32 -0.12	28.11 -1.32 0.00	22.87 -0.98 0.00	22.60 -0.77 0.00	22.69 -0.46 0.00	22.13 -0.25 0.00	21.88 -0.24 0.00	22.23 -0.22 0.00	21.89 -0.42 0.00	22.83 -0.83 0.00	26.29 -1.27 0.00	27.75 -1.34 0.00	24.91 -1.23 0.00	21.94 -1.18 0.92	22.29 -1.12 0.01	21.50 -0.83 0.00	21.39 -0.96 0.01
VALLEY44_115KV_TB2 355964	22.33 -0.91 0.00	21.17 -0.90 0.00	20.73 -0.82 0.00	20.76 -0.86 0.00	21.61 -0.97 0.00	23.15 -0.94 0.00	27.34 -2.49 -0.23	29.49 -2.55 -1.30	27.84 -1.59 0.01	22.51 -1.34 0.00	22.00 -1.38 0.00	21.60 -1.55 0.00	20.72 -1.66 0.00	20.42 -1.70 0.00	20.71 -1.75 0.00	20.77 -1.54 0.00	22.33 -1.32 0.00	26.68 -0.88 0.00	27.14 -1.95 0.00	24.59 -1.54 0.00	22.00 -2.24 -0.20	21.88 -1.55 0.00	20.74 -1.58 0.00	21.40 -0.96 0.00
VALLEY___115KV_TB 1-4 80826	23.54 0.30 0.00	22.36 0.29 0.00	21.85 0.30 0.00	21.93 0.30 0.00	22.92 0.34 0.00	24.47 0.39 0.00	30.09 0.50 0.00	31.29 0.55 0.00	29.96 0.53 0.00	24.30 0.45 0.00	23.84 0.47 0.00	23.54 0.39 0.00	22.69 0.31 0.00	22.43 0.31 0.00	22.73 0.27 0.00	22.60 0.29 0.00	24.03 0.38 0.00	28.00 0.44 0.00	29.53 0.44 0.00	26.50 0.37 0.00	24.44 0.34 -0.06	23.80 0.37 0.00	22.63 0.31 0.00	22.72 0.36 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.16 1.93 0.00	23.86 1.79 0.00	23.33 1.79 0.00	23.38 1.75 0.00	24.52 1.94 0.00	26.28 2.19 0.00	32.97 2.81 -0.57	37.17 3.32 -3.11	32.47 3.03 -0.01	25.97 2.12 0.00	25.32 1.94 0.00	24.86 1.71 0.00	23.85 1.48 0.00	23.56 1.44 0.00	23.94 1.48 0.00	23.92 1.61 0.00	25.50 1.85 0.00	30.01 2.45 0.00	31.81 2.71 -0.01	28.44 2.30 -0.01	26.59 2.07 -0.48	25.34 1.92 0.00	23.97 1.65 0.00	24.15 1.79 0.00
VISCHER___FERRY HYD 24020	24.37 1.14 0.00	23.17 1.10 0.00	22.62 1.08 0.00	22.71 1.08 0.00	23.68 1.11 0.00	25.36 1.28 0.00	32.70 1.54 -1.58	40.85 1.57 -8.54	30.96 1.53 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.12 0.97 0.00	23.16 0.78 0.00	22.89 0.77 0.00	23.24 0.79 0.00	23.16 0.85 0.00	24.79 1.14 0.00	29.13 1.57 0.00	30.80 1.69 -0.02	27.68 1.54 0.00	26.77 1.39 -1.34	24.73 1.31 0.00	23.48 1.16 0.00	23.63 1.27 0.00
V_A_10_SYNC_DSASP 323832	21.75 -1.49 0.00	20.68 -1.39 0.00	20.17 -1.38 0.00	20.22 -1.41 0.00	21.09 -1.49 0.00	22.55 -1.54 0.00	27.76 -2.01 -0.18	29.66 -2.09 -1.02	27.30 -2.12 0.02	21.74 -2.10 0.01	21.34 -2.03 0.00	20.95 -2.20 0.00	20.14 -2.24 0.00	19.89 -2.23 0.00	20.19 -2.27 0.00	20.24 -2.07 0.00	21.69 -1.96 0.00	25.79 -1.76 0.00	26.78 -2.30 0.01	23.95 -2.17 0.01	22.37 -1.83 -0.16	21.27 -2.15 0.00	20.36 -1.96 0.00	20.75 -1.61 0.00
V_CMM_10_SYNC_DSASP 323787	22.82 -0.42 0.00	21.65 -0.42 0.00	21.11 -0.43 0.00	21.19 -0.43 0.00	22.13 -0.45 0.00	23.46 -0.63 0.00	28.73 -0.86 0.00	29.78 -0.95 0.00	28.52 -0.91 0.00	23.25 -0.60 0.00	22.88 -0.49 0.00	22.92 -0.23 0.00	22.35 -0.02 0.00	22.10 -0.02 0.00	22.44 -0.02 0.00	22.16 -0.16 0.00	23.23 -0.43 0.00	26.73 -0.83 0.00	28.22 -0.87 0.00	25.37 -0.76 0.00	22.16 -0.70 1.18	22.81 -0.61 0.01	21.90 -0.42 0.00	21.73 -0.63 0.01
V_CMP_10_SYNC_DSASP 323788	23.26 0.02 0.00	21.98 -0.09 0.00	21.33 -0.22 0.00	21.43 -0.20 0.00	22.37 -0.20 0.00	23.73 -0.36 0.00	29.03 -0.56 0.00	30.09 -0.65 0.00	28.90 -0.53 0.00	23.61 -0.24 0.00	23.40 0.02 0.00	23.38 0.23 0.00	22.75 0.38 0.00	22.49 0.38 0.00	22.84 0.38 0.00	22.60 0.29 0.00	23.68 0.02 0.00	27.28 -0.28 0.00	28.57 -0.52 0.00	25.45 -0.68 0.00	22.05 -0.82 1.17	22.59 -0.82 0.01	21.61 -0.72 0.00	21.48 -0.87 0.01
V_D_10_SYNC_DSASP 323841	22.93 -0.30 0.00	21.76 -0.31 0.00	21.22 -0.32 0.00	21.30 -0.32 0.00	22.24 -0.34 0.00	23.56 -0.53 0.00	28.85 -0.74 0.00	29.94 -0.80 0.00	28.64 -0.79 0.00	23.32 -0.52 0.00	22.98 -0.40 0.00	23.01 -0.14 0.00	22.44 0.07 0.00	22.19 0.07 0.00	22.53 0.07 0.00	22.24 -0.07 0.00	23.30 -0.35 0.00	26.82 -0.74 0.00	28.31 -0.78 0.00	25.43 -0.70 0.00	22.25 -0.65 1.14	22.85 -0.56 0.01	21.94 -0.38 0.00	21.79 -0.56 0.01
V_E_10_SYNC_DSASP 323830	25.58 2.35 0.00	24.26 2.19 0.00	23.68 2.13 0.00	23.72 2.10 0.00	25.02 2.44 0.00	26.88 2.79 0.00	33.58 3.58 -0.42	37.27 4.21 -2.33	32.98 3.53 -0.01	26.07 2.22 -0.01	25.31 1.94 0.00	24.82 1.67 0.00	23.78 1.41 0.00	23.54 1.42 0.00	23.92 1.46 0.00	24.03 1.72 0.00	25.97 2.32 0.00	30.78 3.22 0.00	32.63 3.52 -0.02	29.05 2.90 -0.01	26.88 2.48 -0.36	25.67 2.25 0.00	24.24 1.92 0.00	24.44 2.08 0.00
V_F_30_NSYNC___DSASP 323816	24.47 1.23 0.00	23.26 1.19 0.00	22.69 1.14 0.00	22.79 1.17 0.00	23.77 1.20 0.00	25.48 1.40 0.00	32.94 1.75 -1.61	41.23 1.78 -8.71	31.11 1.68 0.00	25.08 1.24 0.00	24.57 1.19 0.00	24.17 1.02 0.00	23.13 0.76 0.00	22.87 0.75 0.00	23.22 0.76 0.00	23.14 0.83 0.00	24.86 1.21 0.00	29.24 1.68 0.00	30.94 1.83 -0.02	27.81 1.67 0.00	26.94 1.54 -1.36	24.80 1.38 0.00	23.64 1.32 0.00	23.77 1.41 0.00
V_F_30_SYNC_DSASP 323786	24.21 0.98 0.00	23.09 1.02 0.00	22.54 0.99 0.00	22.64 1.02 0.00	23.57 0.99 0.00	25.20 1.11 0.00	32.19 1.04 -1.57	40.24 1.01 -8.49	30.52 1.09 0.00	24.85 1.00 0.00	24.40 1.03 0.00	23.94 0.79 0.00	22.78 0.40 0.00	22.54 0.42 0.00	22.88 0.43 0.00	22.80 0.49 0.00	24.41 0.76 0.00	28.63 1.07 0.00	30.24 1.13 -0.02	27.23 1.10 0.00	26.38 1.01 -1.33	24.50 1.08 0.00	23.24 0.92 0.00	23.32 0.96 0.00
V_XM_10_SYNC_DSASP 323789	23.26 0.02 0.00	21.98 -0.09 0.00	21.33 -0.22 0.00	21.43 -0.20 0.00	22.37 -0.20 0.00	23.73 -0.36 0.00	29.03 -0.56 0.00	30.09 -0.65 0.00	28.90 -0.53 0.00	23.61 -0.24 0.00	23.40 0.02 0.00	23.38 0.23 0.00	22.75 0.38 0.00	22.49 0.38 0.00	22.84 0.38 0.00	22.60 0.29 0.00	23.68 0.02 0.00	27.28 -0.28 0.00	28.57 -0.52 0.00	25.45 -0.68 0.00	22.05 -0.82 1.17	22.59 -0.82 0.01	21.61 -0.72 0.00	21.48 -0.87 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.81 1.58 0.00	23.53 1.46 0.00	22.99 1.44 0.00	23.07 1.45 0.00	24.09 1.51 0.00	25.87 1.78 0.00	33.23 2.43 -1.22	39.94 2.58 -6.62	32.02 2.59 0.00	25.80 1.96 0.00	25.22 1.85 0.00	24.75 1.60 0.00	23.83 1.45 0.00	23.56 1.44 0.00	23.92 1.46 0.00	23.83 1.52 0.00	25.50 1.85 0.00	30.18 2.48 -0.14	32.10 2.73 -0.28	28.61 2.35 -0.13	27.25 2.16 -1.04	25.44 2.01 0.00	24.02 1.70 0.00	24.17 1.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.00 1.77 0.00	23.70 1.63 0.00	23.14 1.59 0.00	23.22 1.60 0.00	24.25 1.67 0.00	26.09 2.00 0.00	33.59 2.72 -1.28	40.52 2.92 -6.86	37.40 2.94 -5.02	30.33 2.27 -4.22	30.37 2.15 -4.85	27.91 1.90 -2.86	26.19 1.75 -2.07	25.48 1.73 -1.63	25.37 1.75 -1.16	26.20 1.83 -2.06	32.04 2.15 -6.23	52.15 2.81 -21.78	41.59 3.05 -9.44	48.24 2.67 -19.44	30.22 2.43 -3.75	27.36 2.30 -1.64	24.28 1.94 -0.02	24.44 2.08 0.00
W50THST__13_KV_LOAD 356117	25.12 1.88 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.18 2.10 0.00	33.74 2.87 -1.28	40.74 3.14 -6.86	37.61 3.15 -5.02	30.47 2.41 -4.22	30.51 2.29 -4.85	28.05 2.04 -2.86	26.34 1.90 -2.07	25.61 1.86 -1.63	25.50 1.89 -1.16	26.33 1.96 -2.06	32.20 2.32 -6.23	52.35 3.00 -21.78	41.76 3.23 -9.44	48.40 2.82 -19.44	30.37 2.57 -3.75	27.50 2.44 -1.64	24.39 2.05 -0.02	24.53 2.17 0.00
WADING RIVER_IC_1 23522	35.51 2.53 -9.74	36.73 2.38 -12.28	35.47 2.35 -11.58	32.10 2.31 -8.16	33.02 2.44 -8.01	39.07 2.82 -12.16	41.71 3.76 -8.36	43.51 3.99 -8.77	40.72 3.85 -7.43	33.73 2.91 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.73 2.91 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.34 3.69 -12.52	37.42 3.37 -10.02	33.35 3.02 -6.90	31.80 2.57 -6.91	31.79 2.79 -6.63
WADING RIVER_IC_2 23547	35.51 2.53 -9.74	36.73 2.38 -12.28	35.47 2.35 -11.58	32.10 2.31 -8.16	33.02 2.44 -8.01	39.07 2.82 -12.16	41.71 3.76 -8.36	43.51 3.99 -8.77	40.72 3.85 -7.43	33.73 2.91 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.73 2.91 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.34 3.69 -12.52	37.42 3.37 -10.02	33.35 3.02 -6.90	31.80 2.57 -6.91	31.79 2.79 -6.63



WADING RIVER_IC_3 23601	35.51 2.53 -9.74	36.73 2.38 -12.28	35.47 2.35 -11.58	32.10 2.31 -8.16	33.02 2.44 -8.01	39.07 2.82 -12.16	41.71 3.76 -8.36	43.51 3.99 -8.77	40.72 3.85 -7.43	33.73 2.91 -6.98	30.09 2.73 -3.98	26.97 2.43 -1.39	24.71 2.19 -0.14	29.83 2.23 -5.47	31.23 2.31 -6.46	31.43 2.41 -6.71	33.73 2.91 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.34 3.69 -12.52	37.42 3.37 -10.02	33.35 3.02 -6.90	31.80 2.57 -6.91	31.79 2.79 -6.63
WALDENNY_I2_KV_BK2 80841	21.93 -1.30 0.00	20.83 -1.24 0.00	20.40 -1.14 0.00	20.37 -1.25 0.00	21.20 -1.38 0.00	22.71 -1.37 0.00	27.40 -2.40 -0.21	29.43 -2.46 -1.15	27.36 -2.06 0.01	21.83 -2.00 0.01	21.41 -1.96 0.00	21.04 -2.11 0.00	20.20 -2.17 0.00	19.91 -2.21 0.00	20.19 -2.27 0.00	20.26 -2.05 0.00	21.81 -1.85 0.00	26.04 -1.52 0.00	26.76 -2.33 0.01	24.01 -2.12 0.01	22.03 -2.19 -0.18	21.27 -2.15 0.00	20.20 -2.12 0.00	20.86 -1.50 0.00
WALDEN___HYDRO 24148	24.79 1.56 0.00	23.48 1.41 0.00	22.95 1.40 0.00	23.03 1.41 0.00	24.05 1.47 0.00	25.85 1.76 0.00	33.16 2.34 -1.23	39.89 2.46 -6.70	31.85 2.41 0.00	25.59 1.74 0.00	24.99 1.61 0.00	24.52 1.37 0.00	23.60 1.23 0.00	23.34 1.22 0.00	23.69 1.24 0.00	23.63 1.32 0.00	25.36 1.70 0.00	29.87 2.31 0.00	31.67 2.56 -0.02	28.30 2.17 0.00	27.05 1.97 -1.04	25.27 1.85 0.00	23.88 1.56 0.00	24.06 1.70 0.00
WARRENSBURG____ 23737	24.00 0.77 0.00	22.84 0.77 0.00	22.26 0.71 0.00	22.38 0.76 0.00	23.35 0.77 0.00	25.05 0.96 0.00	32.47 1.27 -1.61	40.73 1.26 -8.74	30.55 1.12 0.00	24.61 0.76 0.00	24.17 0.80 0.00	23.78 0.63 0.00	22.64 0.27 0.00	22.36 0.24 0.00	22.73 0.27 0.00	22.67 0.36 0.00	24.43 0.78 0.00	28.74 1.18 0.00	30.48 1.37 -0.02	27.39 1.25 0.00	26.59 1.18 -1.37	24.38 0.96 0.00	23.62 1.29 0.00	23.72 1.36 0.00
WATERSIDE___6 8 9 23538	25.12 1.88 0.00	23.79 1.72 0.00	23.23 1.68 0.00	23.31 1.69 0.00	24.34 1.76 0.00	26.16 2.07 0.00	33.71 2.84 -1.28	40.65 3.04 -6.86	52.74 3.03 -20.27	30.48 2.31 -4.32	30.51 2.17 -4.96	28.02 1.94 -2.93	26.28 1.79 -2.12	25.56 1.77 -1.67	25.44 1.80 -1.18	26.29 1.87 -2.11	32.23 2.20 -6.38	52.71 2.87 -22.29	52.74 3.14 -20.51	48.77 2.74 -19.89	30.36 2.50 -3.82	27.47 2.37 -1.68	24.37 2.03 -0.02	24.53 2.17 0.00
WATKINRD_115KV_LN8_ILION 55919	23.56 0.33 0.00	22.38 0.31 0.00	21.87 0.32 0.00	21.95 0.32 0.00	22.94 0.36 0.00	24.50 0.41 0.00	30.12 0.53 0.00	31.32 0.58 0.00	29.99 0.56 0.00	24.27 0.43 0.00	23.80 0.42 0.00	23.50 0.35 0.00	22.64 0.27 0.00	22.38 0.27 0.00	22.70 0.25 0.00	22.60 0.29 0.00	24.03 0.38 0.00	28.05 0.50 0.00	29.61 0.52 0.00	26.58 0.44 0.00	24.51 0.41 -0.06	23.82 0.40 0.00	22.66 0.33 0.00	22.74 0.38 0.00
WATSON___69_KV_BK 1 55734	35.62 2.65 -9.74	36.84 2.49 -12.28	35.56 2.43 -11.58	32.21 2.42 -8.16	33.13 2.55 -8.00	39.19 2.94 -12.16	41.88 3.94 -8.36	43.72 4.21 -8.77	40.92 4.06 -7.43	33.90 3.08 -6.98	30.25 2.90 -3.98	27.17 2.62 -1.41	24.91 2.35 -0.19	30.00 2.41 -5.47	31.39 2.47 -6.46	31.61 2.59 -6.71	33.92 3.10 -7.17	45.04 4.05 -13.43	48.71 4.39 -15.22	42.52 3.87 -12.52	37.57 3.51 -10.02	33.51 3.19 -6.90	31.98 2.75 -6.91	31.90 2.91 -6.63
WDELAWARE___HYD 323627	24.40 1.16 0.00	23.11 1.04 0.00	22.58 1.03 0.00	22.66 1.04 0.00	23.68 1.11 0.00	25.46 1.37 0.00	32.65 1.92 -1.14	38.98 2.03 -6.21	31.35 1.91 0.00	25.08 1.24 0.00	24.50 1.12 0.00	24.01 0.86 0.00	22.53 0.16 0.00	22.25 0.13 0.00	22.62 0.16 0.00	22.53 0.22 0.00	24.22 0.57 0.00	28.61 1.05 0.00	30.35 1.25 -0.01	27.10 0.97 0.00	26.52 1.52 -0.97	24.80 1.38 0.00	23.37 1.05 0.00	23.61 1.25 0.00
WEST BABYLON___IC 23714	35.51 2.53 -9.74	36.73 2.38 -12.28	35.45 2.33 -11.58	32.10 2.31 -8.16	33.00 2.42 -8.00	39.05 2.79 -12.16	41.68 3.73 -8.36	43.48 3.97 -8.77	40.75 3.89 -7.43	33.76 2.93 -6.98	30.14 2.78 -3.98	27.09 2.50 -1.44	24.94 2.26 -0.30	29.92 2.32 -5.47	31.30 2.38 -6.46	31.50 2.48 -6.71	33.76 2.93 -7.17	44.84 3.86 -13.43	48.47 4.16 -15.22	42.31 3.66 -12.52	37.40 3.34 -10.02	33.37 3.04 -6.90	31.87 2.63 -6.91	31.79 2.79 -6.63
WEST CANADA___HYD 24049	23.47 0.23 0.00	22.29 0.22 0.00	21.76 0.22 0.00	21.84 0.22 0.00	22.80 0.23 0.00	24.38 0.29 0.00	29.94 0.36 0.00	31.14 0.40 0.00	29.81 0.38 0.00	24.13 0.29 0.00	23.63 0.26 0.00	23.34 0.18 0.00	22.51 0.14 0.00	22.25 0.13 0.00	22.59 0.14 0.00	22.47 0.16 0.00	23.89 0.24 0.00	27.89 0.33 0.00	29.47 0.38 0.00	26.45 0.31 0.00	24.39 0.29 -0.06	23.68 0.26 0.00	22.55 0.22 0.00	22.63 0.27 0.00
WESTERN_NY_WIND 24143	22.28 -0.95 0.00	21.17 -0.90 0.00	20.71 -0.84 0.00	20.69 -0.93 0.00	21.56 -1.02 0.00	23.15 -0.94 0.00	28.24 -1.54 -0.19	30.25 -1.54 -1.05	27.95 -1.47 0.02	22.16 -1.67 0.01	21.72 -1.66 0.00	21.28 -1.88 0.00	20.43 -1.95 0.00	20.17 -1.95 0.00	20.50 -1.95 0.00	20.59 -1.72 0.00	22.16 -1.49 0.00	26.43 -1.13 0.00	27.42 -1.66 0.01	24.47 -1.65 0.01	22.66 -1.54 -0.16	21.64 -1.78 0.00	20.51 -1.81 0.00	21.13 -1.23 0.00
WESTOVER___LESR 323668	23.65 0.42 0.00	22.45 0.38 0.00	21.93 0.39 0.00	21.99 0.37 0.00	22.98 0.41 0.00	24.62 0.53 0.00	30.65 0.62 -0.44	33.98 0.80 -2.44	30.27 0.82 -0.01	24.33 0.48 -0.01	23.75 0.37 0.00	23.36 0.21 0.00	22.46 0.09 0.00	22.19 0.07 0.00	22.55 0.09 0.00	22.51 0.20 0.00	24.06 0.40 0.00	28.36 0.80 0.00	29.83 0.73 -0.02	26.75 0.60 -0.01	24.85 0.43 -0.38	23.82 0.40 0.00	22.59 0.27 0.00	22.81 0.45 0.00
WETHRSFD_WT_PWR 323626	21.61 -1.63 0.00	20.52 -1.55 0.00	20.02 -1.53 0.00	20.09 -1.53 0.00	20.91 -1.67 0.00	22.40 -1.69 0.00	27.10 -2.69 -0.20	29.04 -2.83 -1.13	26.86 -2.56 0.01	21.57 -2.27 0.01	21.15 -2.22 0.00	20.74 -2.41 0.00	19.91 -2.46 0.00	19.64 -2.48 0.00	19.94 -2.51 0.00	20.03 -2.28 0.00	21.53 -2.13 0.00	25.71 -1.85 0.00	26.23 -2.85 0.01	23.59 -2.53 0.01	21.66 -2.55 -0.17	20.87 -2.55 0.00	19.98 -2.34 0.00	20.46 -1.90 0.00
WHAVSTOR_138KV_BK127 55557	24.75 1.51 0.00	23.44 1.37 0.00	22.90 1.36 0.00	22.99 1.36 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.12 2.31 -1.22	39.82 2.46 -6.62	31.91 2.47 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.76 1.39 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.43 1.77 0.00	30.07 2.37 -0.14	31.99 2.62 -0.28	28.51 2.25 -0.13	27.15 2.07 -1.05	25.37 1.94 0.00	23.95 1.63 0.00	24.10 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.75 1.51 0.00	23.44 1.37 0.00	22.90 1.36 0.00	22.99 1.36 0.00	24.00 1.42 0.00	25.77 1.69 0.00	33.12 2.31 -1.22	39.82 2.46 -6.62	31.91 2.47 0.00	25.73 1.88 0.00	25.15 1.78 0.00	24.68 1.53 0.00	23.76 1.39 0.00	23.49 1.37 0.00	23.85 1.39 0.00	23.78 1.47 0.00	25.43 1.77 0.00	30.07 2.37 -0.14	31.99 2.62 -0.28	28.51 2.25 -0.13	27.15 2.07 -1.05	25.37 1.94 0.00	23.95 1.63 0.00	24.10 1.74 0.00

WHITEHAL_115KV_TB1 80871	24.44 1.21 0.00	23.26 1.19 0.00	22.67 1.12 0.00	22.81 1.19 0.00	23.80 1.22 0.00	25.56 1.47 0.00	33.12 1.92 -1.61	41.40 1.94 -8.72	31.14 1.71 0.00	25.01 1.17 0.00	24.50 1.12 0.00	24.10 0.95 0.00	22.93 0.56 0.00	22.67 0.55 0.00	23.02 0.56 0.00	22.96 0.65 0.00	24.86 1.21 0.00	29.35 1.79 0.00	31.12 2.01 -0.02	27.96 1.83 0.00	27.11 1.71 -1.37	24.85 1.43 0.00	23.44 1.12 0.00	24.04 1.68 0.00
WHITEPLN_13_KV_LOAD 356215	25.07 1.84 0.00	23.77 1.70 0.00	23.23 1.68 0.00	23.33 1.71 0.00	24.36 1.78 0.00	26.16 2.07 0.00	33.69 2.84 -1.26	40.61 3.04 -6.83	32.49 3.06 0.00	26.18 2.34 0.00	25.60 2.22 0.00	25.12 1.97 0.00	24.19 1.81 0.00	23.89 1.77 0.00	24.25 1.80 0.00	24.21 1.90 0.00	25.90 2.25 0.00	30.73 2.95 -0.22	32.75 3.23 -0.43	29.16 2.82 -0.20	27.67 2.55 -1.08	25.81 2.39 0.00	24.33 2.01 0.00	24.51 2.15 0.00
WM_FLOYD_69_KV_BK2 356380	35.53 2.56 -9.74	36.77 2.43 -12.28	35.47 2.35 -11.58	32.12 2.34 -8.16	33.04 2.46 -8.00	39.12 2.87 -12.16	41.76 3.82 -8.36	43.57 4.06 -8.77	40.78 3.91 -7.43	33.78 2.96 -6.98	30.11 2.76 -3.98	27.02 2.48 -1.39	24.73 2.21 -0.14	29.85 2.26 -5.47	31.25 2.34 -6.46	31.48 2.45 -6.71	33.78 2.96 -7.17	44.93 3.94 -13.43	48.56 4.25 -15.22	42.39 3.74 -12.52	37.47 3.41 -10.02	33.42 3.09 -6.90	31.89 2.66 -6.91	31.81 2.82 -6.63
WOODARD__115KV_TB2 355635	22.75 -0.49 0.00	21.63 -0.44 0.00	21.14 -0.41 0.00	21.19 -0.43 0.00	22.15 -0.43 0.00	23.68 -0.41 0.00	29.28 -0.44 -0.14	31.33 -0.18 -0.77	29.21 -0.24 -0.01	23.37 -0.48 0.00	22.84 -0.54 0.00	22.50 -0.65 0.00	21.68 -0.69 0.00	21.41 -0.71 0.00	21.74 -0.72 0.00	21.71 -0.60 0.00	23.13 -0.52 0.00	27.17 -0.39 0.00	28.66 -0.44 -0.01	25.67 -0.47 0.00	23.72 -0.43 -0.11	22.91 -0.52 0.00	21.76 -0.56 0.00	21.93 -0.42 0.00
YORK__WARBASSE 23770	25.26 2.02 0.00	23.90 1.83 0.00	23.33 1.79 0.00	23.40 1.77 0.00	24.45 1.87 0.00	26.28 2.19 0.00	33.83 2.96 -1.28	40.74 3.14 -6.86	52.86 3.15 -20.27	30.55 2.38 -4.32	30.58 2.24 -4.96	28.09 2.01 -2.93	26.32 1.83 -2.12	25.60 1.81 -1.67	25.48 1.84 -1.18	26.36 1.94 -2.11	32.30 2.27 -6.38	52.82 2.98 -22.29	52.85 3.26 -20.51	48.87 2.85 -19.89	30.48 2.62 -3.82	27.59 2.48 -1.68	24.48 2.14 -0.02	24.66 2.30 0.00