

ALBANY___2 23572	31.75 1.04 0.00	29.22 1.02 0.00	29.04 0.95 0.00	29.12 0.96 0.00	29.29 0.94 0.00	30.09 0.62 0.00	37.88 0.78 0.00	40.08 1.11 -0.62	35.63 1.01 -1.07	30.91 0.84 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.54 0.50 0.00	26.00 0.78 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.93 -0.66	32.83 0.81 -3.24	30.45 0.94 -0.28	29.22 0.86 -2.93	27.36 1.22 -0.73	26.61 1.12 -0.12
ALBANY___3 23573	31.75 1.04 0.00	29.22 1.02 0.00	29.04 0.95 0.00	29.12 0.96 0.00	29.29 0.94 0.00	30.09 0.62 0.00	37.88 0.78 0.00	40.08 1.11 -0.62	35.63 1.01 -1.07	30.91 0.84 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.54 0.50 0.00	26.00 0.78 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.93 -0.66	32.83 0.81 -3.24	30.45 0.94 -0.28	29.22 0.86 -2.93	27.36 1.22 -0.73	26.61 1.12 -0.12
ALBANY___4 23574	31.75 1.04 0.00	29.22 1.02 0.00	29.04 0.95 0.00	29.12 0.96 0.00	29.29 0.94 0.00	30.09 0.62 0.00	37.88 0.78 0.00	40.08 1.11 -0.62	35.63 1.01 -1.07	30.91 0.84 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.54 0.50 0.00	26.00 0.78 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.93 -0.66	32.83 0.81 -3.24	30.45 0.94 -0.28	29.22 0.86 -2.93	27.36 1.22 -0.73	26.61 1.12 -0.12
ALBANY___LFGE 323615	31.99 1.29 0.00	29.41 1.21 0.00	29.24 1.15 0.00	29.32 1.16 0.00	29.49 1.14 0.00	30.39 0.91 0.00	38.36 1.26 0.00	40.55 1.57 -0.63	36.00 1.38 -1.08	31.30 1.23 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.50 0.62 0.00	25.79 0.75 0.00	26.23 1.01 0.00	27.51 1.21 0.00	30.85 1.26 -0.27	34.57 1.25 -1.10	34.99 1.26 -0.67	33.14 1.09 -3.27	30.74 1.23 -0.29	29.45 1.07 -2.95	27.49 1.35 -0.74	26.78 1.29 -0.12
ALCOA_PA_115KV_PL-6C 55860	30.46 -0.25 0.00	27.98 -0.23 0.00	27.97 -0.11 0.00	28.08 -0.08 0.00	28.24 -0.11 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.89 -0.46 0.00	33.11 -0.44 0.00	29.70 -0.36 0.00	25.66 -0.39 0.00	25.01 -0.13 0.00	25.03 0.15 0.00	25.14 0.10 0.00	25.07 -0.15 0.00	25.90 -0.39 0.00	28.91 -0.41 0.00	31.63 -0.58 0.00	32.41 -0.66 0.00	28.06 -0.72 0.00	28.61 -0.61 0.00	24.92 -0.51 0.00	24.90 -0.51 0.00	25.17 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	30.46 -0.25 0.00	27.98 -0.23 0.00	27.97 -0.11 0.00	28.08 -0.08 0.00	28.24 -0.11 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.89 -0.46 0.00	33.11 -0.44 0.00	29.70 -0.36 0.00	25.66 -0.39 0.00	25.01 -0.13 0.00	25.03 0.15 0.00	25.14 0.10 0.00	25.07 -0.15 0.00	25.90 -0.39 0.00	28.91 -0.41 0.00	31.63 -0.58 0.00	32.41 -0.66 0.00	28.06 -0.72 0.00	28.61 -0.61 0.00	24.92 -0.51 0.00	24.90 -0.51 0.00	25.17 -0.20 0.00
ALCOA___DSASP 323711	30.46 -0.25 0.00	27.98 -0.23 0.00	27.97 -0.11 0.00	28.08 -0.08 0.00	28.21 -0.14 0.00	29.21 -0.27 0.00	36.73 -0.37 0.00	37.89 -0.46 0.00	33.11 -0.44 0.00	29.71 -0.36 0.00	25.66 -0.39 0.00	25.01 -0.13 0.00	25.03 0.15 0.00	25.09 0.05 0.00	25.01 -0.20 0.00	25.90 -0.39 0.00	28.91 -0.41 0.00	31.63 -0.58 0.00	32.41 -0.66 0.00	28.06 -0.72 0.00	28.61 -0.62 0.00	24.90 -0.54 0.00	24.90 -0.51 0.00	24.94 -0.43 0.00
ALLEGHENY___COGEN 23514	31.41 0.71 0.00	28.88 0.68 0.00	28.45 0.36 0.00	28.56 0.39 0.00	29.03 0.68 0.00	30.66 1.18 0.00	38.21 1.11 0.00	39.79 1.34 -0.10	34.69 0.97 -0.18	31.00 0.93 0.00	26.75 0.70 0.00	25.48 0.35 0.00	24.98 0.10 0.00	25.19 0.15 0.00	25.29 0.08 0.00	26.56 0.26 0.00	29.78 0.41 -0.04	33.00 0.61 -0.18	33.90 0.73 -0.11	29.89 0.58 -0.53	29.71 0.44 -0.05	26.11 0.20 -0.48	25.63 0.10 -0.12	25.52 0.13 -0.02
ALTAMONT_115KV_TB 2 55880	31.87 1.17 0.00	29.30 1.10 0.00	29.12 1.04 0.00	29.18 1.01 0.00	29.37 1.02 0.00	30.48 1.00 0.00	38.40 1.30 0.00	40.62 1.65 -0.62	36.06 1.44 -1.07	31.27 1.20 0.00	27.12 1.07 0.00	25.99 0.85 0.00	25.53 0.65 0.00	25.74 0.70 0.00	26.15 0.93 0.00	27.45 1.16 0.00	30.85 1.26 -0.26	34.62 1.32 -1.09	35.08 1.36 -0.66	33.20 1.18 -3.24	30.71 1.20 -0.28	29.40 1.04 -2.92	27.23 1.09 -0.73	26.50 1.01 -0.12
ALTONA_WT_PWR 323606	31.72 1.01 0.00	29.13 0.93 0.00	29.09 1.01 0.00	29.21 1.04 0.00	29.37 1.02 0.00	30.48 1.00 0.00	37.96 0.85 0.00	39.19 0.84 0.00	34.25 0.71 0.00	30.70 0.63 0.00	26.46 0.42 0.00	25.71 0.58 0.00	25.70 0.82 0.00	25.74 0.70 0.00	25.67 0.45 0.00	26.61 0.32 0.00	29.68 0.35 0.00	32.43 0.23 0.00	33.13 0.07 0.00	28.52 -0.26 0.00	29.02 -0.20 0.00	25.15 -0.28 0.00	25.05 -0.36 0.00	25.27 -0.10 0.00
AMERICAN_REF_FUEL 24010	28.16 -2.55 0.00	26.06 -2.14 0.00	25.53 -2.56 0.00	25.63 -2.53 0.00	26.17 -2.18 0.00	27.59 -1.89 0.00	33.21 -3.90 0.00	34.55 -3.87 -0.08	30.06 -3.62 -0.14	27.21 -2.86 0.00	24.02 -2.03 0.00	22.97 -2.16 0.00	22.57 -2.31 0.00	22.74 -2.30 0.00	22.67 -2.55 0.00	23.62 -2.68 0.00	25.93 -3.43 -0.03	28.48 -3.87 -0.14	29.18 -3.97 -0.08	26.20 -2.99 -0.41	25.96 -3.30 -0.04	23.01 -2.80 -0.37	22.88 -2.62 -0.09	23.05 -2.33 -0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.23 -1.47 0.00	26.99 -1.21 0.00	26.40 -1.68 0.00	26.56 -1.60 0.00	27.16 -1.19 0.00	28.77 -0.71 0.00	35.02 -2.08 0.00	36.33 -2.11 -0.09	31.52 -2.18 -0.15	28.80 -1.26 0.00	25.35 -0.70 0.00	24.20 -0.93 0.00	23.81 -1.07 0.00	23.99 -1.05 0.00	23.91 -1.31 0.00	24.75 -1.55 0.00	26.93 -2.43 -0.04	29.33 -3.03 -0.16	29.79 -3.37 -0.09	26.59 -2.65 -0.46	26.29 -2.98 -0.04	23.18 -2.67 -0.42	22.92 -2.59 -0.10	23.00 -2.39 -0.02
ARTHUR KILL_GT_1 23520	33.04 2.33 0.00	30.18 1.97 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.11 1.76 0.00	31.33 1.86 0.00	39.92 2.82 0.00	41.96 3.10 -0.51	37.37 2.95 -0.87	32.50 2.43 0.00	30.09 2.14 -1.90	28.07 1.86 -1.07	27.83 1.54 -1.40	28.84 1.65 -2.15	29.87 1.94 -2.71	30.10 2.31 -1.49	35.57 2.61 -3.64	40.91 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.00 2.54 -0.23	30.10 2.29 -2.38	28.14 2.13 -0.59	27.66 2.18 -0.11
ARTHUR_KILL_2 23512	32.95 2.24 0.00	30.12 1.92 0.00	30.00 1.91 0.00	30.02 1.86 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.81 2.71 0.00	41.84 2.99 -0.51	37.27 2.85 -0.87	32.41 2.35 0.00	30.03 2.08 -1.90	27.99 1.78 -1.07	27.75 1.47 -1.40	28.77 1.58 -2.15	29.80 1.87 -2.71	30.02 2.23 -1.49	35.48 2.52 -3.64	40.78 2.87 -5.70	40.01 3.01 -3.93	37.03 2.65 -5.60	31.88 2.42 -0.23	30.00 2.19 -2.38	28.06 2.06 -0.59	27.58 2.10 -0.11
ARTHUR_KILL_3 23513	32.79 2.09 0.00	30.06 1.86 0.00	29.91 1.82 0.00	29.97 1.80 0.00	30.02 1.67 0.00	31.33 1.86 0.00	39.92 2.82 0.00	41.92 3.07 -0.51	37.40 2.98 -0.87	32.56 2.49 0.00	30.22 2.27 -1.91	28.12 1.91 -1.08	27.89 1.59 -1.41	28.92 1.73 -2.16	29.92 2.02 -2.69	30.14 2.37 -1.47	35.56 2.64 -3.60	40.72 2.87 -5.65	39.94 2.98 -3.90	37.03 2.68 -5.57	32.00 2.54 -0.23	30.07 2.26 -2.37	28.09 2.08 -0.59	27.53 2.05 -0.11

ARTHUR_KILL_COGEN 323718	33.04 2.33 0.00	30.18 1.97 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.11 1.76 0.00	31.33 1.86 0.00	39.92 2.82 0.00	41.96 3.10 -0.51	37.37 2.95 -0.87	32.50 2.43 0.00	30.09 2.14 -1.90	28.07 1.86 -1.07	27.83 1.54 -1.40	28.84 1.65 -2.15	29.87 1.94 -2.71	30.10 2.31 -1.49	35.57 2.61 -3.64	40.91 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.00 2.54 -0.23	30.10 2.29 -2.38	28.14 2.13 -0.59	27.66 2.18 -0.11
ASHOKAN____ 23654	33.13 2.43 0.00	30.46 2.26 0.00	30.25 2.16 0.00	30.33 2.17 0.00	30.53 2.18 0.00	31.71 2.24 0.00	40.22 3.12 0.00	40.33 1.42 -0.56	35.72 1.21 -0.97	32.02 1.95 0.00	27.53 1.48 0.00	26.16 1.03 0.00	25.58 0.70 0.00	25.89 0.85 0.00	26.45 1.24 0.00	27.85 1.55 0.00	31.20 1.64 -0.24	34.29 1.10 -0.99	34.72 1.06 -0.60	32.63 0.92 -2.93	31.00 1.52 -0.26	28.71 0.64 -2.64	26.76 0.69 -0.66	26.11 0.63 -0.11
ASTORIA_EAST_ENERGY_CC1 323581	32.95 2.24 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.11 3.26 -0.51	37.53 3.12 -0.86	32.67 2.61 0.01	30.28 2.32 -1.92	28.23 2.01 -1.09	27.99 1.69 -1.42	29.01 1.80 -2.17	30.00 2.09 -2.69	30.22 2.45 -1.48	35.66 2.73 -3.61	40.86 3.00 -5.66	40.08 3.11 -3.90	37.13 2.76 -5.58	32.08 2.63 -0.22	30.14 2.34 -2.37	28.19 2.19 -0.59	27.84 2.36 -0.11
ASTORIA_EAST_ENERGY_CC2 323582	32.95 2.24 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.11 3.26 -0.51	37.53 3.12 -0.86	32.67 2.61 0.01	30.28 2.32 -1.92	28.23 2.01 -1.09	27.99 1.69 -1.42	29.01 1.80 -2.17	30.00 2.09 -2.69	30.22 2.45 -1.48	35.66 2.73 -3.61	40.86 3.00 -5.66	40.08 3.11 -3.90	37.13 2.76 -5.58	32.08 2.63 -0.22	30.14 2.34 -2.37	28.19 2.19 -0.59	27.84 2.36 -0.11
ASTORIA_GT2_1 24094	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT2_2 24095	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT2_3 24096	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT2_4 24097	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT3_1 24098	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT3_2 24099	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT3_3 24100	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT3_4 24101	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT4_1 24102	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT4_2 24103	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT4_3 24104	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10

ASTORIA_GT4_4 24105	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.28 1.93 0.00	31.33 1.86 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.28 2.32 -1.92	28.25 2.04 -1.09	28.02 1.72 -1.42	28.96 1.75 -2.17	29.98 2.07 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.09 2.63 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.73 2.26 -0.10
ASTORIA_GT_1 23523	33.04 2.33 0.00	30.18 1.97 0.00	30.11 2.02 0.00	30.10 1.94 0.00	30.11 1.76 0.00	31.36 1.89 0.00	40.07 2.97 0.00	42.23 3.38 -0.51	37.60 3.19 -0.86	32.73 2.67 0.01	30.34 2.37 -1.92	28.28 2.06 -1.09	28.07 1.77 -1.42	29.06 1.85 -2.17	30.05 2.14 -2.69	30.28 2.50 -1.48	35.72 2.79 -3.61	40.96 3.09 -5.66	40.18 3.21 -3.90	37.21 2.85 -5.58	32.14 2.69 -0.22	30.19 2.39 -2.37	28.24 2.24 -0.59	27.89 2.41 -0.11
ASTORIA_GT_10 24110	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.62 2.56 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
ASTORIA_GT_11 24225	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.62 2.56 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
ASTORIA_GT_12 24226	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.62 2.56 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
ASTORIA_GT_13 24227	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.62 2.56 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
ASTORIA_GT_5 24106	33.04 2.33 0.00	30.29 2.09 0.00	30.11 2.02 0.00	30.11 1.94 0.00	30.34 1.98 0.00	31.36 1.89 0.00	39.92 2.82 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.34 2.37 -1.92	28.28 2.06 -1.09	28.07 1.77 -1.42	29.01 1.80 -2.17	30.03 2.12 -2.69	30.27 2.50 -1.48	35.71 2.79 -3.61	40.96 3.09 -5.66	40.18 3.21 -3.90	37.21 2.85 -5.58	32.15 2.69 -0.23	30.10 2.29 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.10
ASTORIA_GT_7 24107	33.04 2.33 0.00	30.29 2.09 0.00	30.11 2.02 0.00	30.11 1.94 0.00	30.34 1.98 0.00	31.36 1.89 0.00	39.92 2.82 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.34 2.37 -1.92	28.28 2.06 -1.09	28.07 1.77 -1.42	29.01 1.80 -2.17	30.03 2.12 -2.69	30.27 2.50 -1.48	35.71 2.79 -3.61	40.96 3.09 -5.66	40.18 3.21 -3.90	37.21 2.85 -5.58	32.15 2.69 -0.23	30.10 2.29 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.10
ASTORIA_GT_8 24108	33.04 2.33 0.00	30.29 2.09 0.00	30.11 2.02 0.00	30.11 1.94 0.00	30.34 1.98 0.00	31.36 1.89 0.00	39.92 2.82 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.34 2.37 -1.92	28.28 2.06 -1.09	28.07 1.77 -1.42	29.01 1.80 -2.17	30.03 2.12 -2.69	30.27 2.50 -1.48	35.71 2.79 -3.61	40.96 3.09 -5.66	40.18 3.21 -3.90	37.21 2.85 -5.58	32.15 2.69 -0.23	30.10 2.29 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.10
ASTORIA___2 24149	32.98 2.27 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.33 1.86 0.00	40.03 2.93 0.00	42.15 3.30 -0.51	37.53 3.12 -0.86	32.67 2.61 0.01	30.28 2.32 -1.92	28.23 2.01 -1.09	28.01 1.72 -1.42	29.01 1.80 -2.17	30.00 2.09 -2.69	30.25 2.47 -1.48	35.66 2.73 -3.61	40.89 3.03 -5.66	40.11 3.14 -3.90	37.15 2.79 -5.58	32.08 2.63 -0.22	30.14 2.34 -2.37	28.21 2.21 -0.59	27.84 2.36 -0.11
ASTORIA___3 23516	32.98 2.27 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.11 1.76 0.00	31.39 1.91 0.00	40.03 2.93 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.21 1.98 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.20 2.42 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.08 3.08 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.15 2.34 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
ASTORIA___4 23517	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.62 2.56 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
ASTORIA___5 23518	32.98 2.27 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.11 1.76 0.00	31.39 1.91 0.00	40.03 2.93 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.21 1.98 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.20 2.42 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.08 3.08 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.15 2.34 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
AST_ENERGY_2_CC3 323677	32.92 2.21 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.42 1.94 0.00	40.03 2.93 0.00	42.03 3.18 -0.51	37.44 3.02 -0.87	32.62 2.55 0.00	30.25 2.29 -1.91	28.15 1.94 -1.08	27.93 1.64 -1.41	28.95 1.75 -2.16	29.97 2.07 -2.69	30.16 2.39 -1.47	35.59 2.67 -3.60	40.82 2.96 -5.65	40.00 3.04 -3.90	37.09 2.74 -5.57	32.03 2.57 -0.23	30.12 2.31 -2.37	28.14 2.13 -0.59	27.61 2.13 -0.11
AST_ENERGY_2_CC4 323678	32.92 2.21 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.42 1.94 0.00	40.03 2.93 0.00	42.03 3.18 -0.51	37.44 3.02 -0.87	32.62 2.55 0.00	30.25 2.29 -1.91	28.15 1.94 -1.08	27.93 1.64 -1.41	28.95 1.75 -2.16	29.97 2.07 -2.69	30.16 2.39 -1.47	35.59 2.67 -3.60	40.82 2.96 -5.65	40.00 3.04 -3.90	37.09 2.74 -5.57	32.03 2.57 -0.23	30.12 2.31 -2.37	28.14 2.13 -0.59	27.61 2.13 -0.11

ATHENS_STG_1 23668	32.12 1.41 0.00	29.50 1.30 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.54 1.19 0.00	30.77 1.30 0.00	38.88 1.78 0.00	40.94 2.03 -0.56	36.35 1.84 -0.96	31.63 1.56 0.00	27.43 1.38 0.00	26.24 1.10 0.00	25.75 0.87 0.00	26.02 0.98 0.00	26.45 1.24 0.00	27.74 1.45 0.00	31.14 1.58 -0.24	34.93 1.74 -0.98	35.45 1.78 -0.60	33.30 1.61 -2.91	31.03 1.55 -0.25	29.44 1.37 -2.63	27.39 1.32 -0.66	26.75 1.27 -0.11
ATHENS_STG_2 23670	32.12 1.41 0.00	29.50 1.30 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.54 1.19 0.00	30.77 1.30 0.00	38.88 1.78 0.00	40.94 2.03 -0.56	36.35 1.84 -0.96	31.63 1.56 0.00	27.43 1.38 0.00	26.24 1.10 0.00	25.75 0.87 0.00	26.02 0.98 0.00	26.45 1.24 0.00	27.74 1.45 0.00	31.14 1.58 -0.24	34.93 1.74 -0.98	35.45 1.78 -0.60	33.30 1.61 -2.91	31.03 1.55 -0.25	29.44 1.37 -2.63	27.39 1.32 -0.66	26.75 1.27 -0.11
ATHENS_STG_3 23677	32.12 1.41 0.00	29.50 1.30 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.54 1.19 0.00	30.77 1.30 0.00	38.88 1.78 0.00	40.94 2.03 -0.56	36.35 1.84 -0.96	31.63 1.56 0.00	27.43 1.38 0.00	26.24 1.10 0.00	25.75 0.87 0.00	26.02 0.98 0.00	26.45 1.24 0.00	27.74 1.45 0.00	31.14 1.58 -0.24	34.93 1.74 -0.98	35.45 1.78 -0.60	33.30 1.61 -2.91	31.03 1.55 -0.25	29.44 1.37 -2.63	27.39 1.32 -0.66	26.75 1.27 -0.11
AUBURN___LFGE 323710	30.52 -0.18 0.00	28.03 -0.17 0.00	27.83 -0.25 0.00	27.91 -0.25 0.00	28.15 -0.20 0.00	29.56 0.09 0.00	37.14 0.04 0.00	38.42 0.00 -0.07	33.67 0.00 -0.13	30.09 0.03 0.00	26.02 -0.03 0.00	24.93 -0.20 0.00	24.53 -0.35 0.00	24.74 -0.30 0.00	24.91 -0.30 0.00	26.11 -0.18 0.00	29.18 -0.18 -0.03	32.24 -0.10 -0.13	33.15 0.00 -0.08	29.17 0.00 -0.38	29.14 -0.12 -0.03	25.58 -0.20 -0.35	25.21 -0.28 -0.09	24.90 -0.48 -0.01
BABYLON_RES_REC 323704	39.04 2.98 -5.36	32.70 2.71 -1.79	30.72 2.64 0.00	30.78 2.62 0.00	31.65 2.55 -0.74	41.01 2.80 -8.74	48.59 3.97 -7.52	55.23 4.37 -12.51	43.76 3.92 -6.29	33.16 3.10 0.00	28.73 2.68 0.00	27.47 2.34 0.00	26.80 1.92 0.00	27.07 2.03 0.00	27.56 2.35 0.00	35.59 3.02 -6.27	41.86 3.43 -9.11	54.30 3.83 -18.26	60.84 3.97 -23.81	50.40 3.51 -18.11	42.03 3.39 -9.41	40.07 2.92 -11.72	36.82 2.77 -8.64	32.26 2.69 -4.20
BABYLON___69_KV_BK2 356345	39.47 3.41 -5.36	33.10 3.10 -1.79	31.09 3.01 0.00	31.15 2.99 0.00	32.10 3.01 -0.74	41.43 3.21 -8.74	49.07 4.45 -7.52	55.84 4.98 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.07 3.02 0.00	27.80 2.66 0.00	27.12 2.24 0.00	27.34 2.30 0.00	27.81 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.82 4.35 -18.26	61.37 4.50 -23.81	50.90 4.00 -18.11	42.50 3.86 -9.41	40.41 3.26 -11.72	37.17 3.13 -8.64	32.49 2.92 -4.20
BALL_HILL_WT_PWR 323825	29.11 -1.60 0.00	26.91 -1.30 0.00	26.37 -1.71 0.00	26.47 -1.69 0.00	27.05 -1.30 0.00	28.59 -0.88 0.00	34.80 -2.30 0.00	36.02 -2.41 -0.09	31.31 -2.38 -0.15	28.59 -1.47 0.00	25.14 -0.91 0.00	24.03 -1.11 0.00	23.61 -1.27 0.00	23.79 -1.25 0.00	23.73 -1.49 0.00	24.69 -1.61 0.00	26.96 -2.40 -0.04	29.52 -2.83 -0.15	30.18 -2.98 -0.09	27.01 -2.22 -0.45	26.75 -2.51 -0.04	23.62 -2.21 -0.40	23.40 -2.11 -0.10	23.43 -1.95 -0.02
BARON_WINDS___WT_PWR 323822	31.01 0.31 0.00	28.54 0.34 0.00	28.20 0.11 0.00	28.28 0.11 0.00	28.69 0.34 0.00	30.21 0.74 0.00	37.66 0.56 0.00	38.94 0.46 -0.13	34.14 0.37 -0.23	30.67 0.60 0.00	26.60 0.55 0.00	25.38 0.25 0.00	24.93 0.05 0.00	25.14 0.10 0.00	25.27 0.05 0.00	26.46 0.16 0.00	29.35 -0.03 -0.06	32.31 -0.13 -0.23	33.11 -0.10 -0.14	29.41 -0.06 -0.69	29.08 -0.20 -0.06	25.75 -0.30 -0.62	25.16 -0.41 -0.16	24.96 -0.43 -0.03
BARRETT_IC_1 23704	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_10 23701	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_11 23702	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_12 23703	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_2 23705	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_3 23706	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_4 23707	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20

BARRETT_IC_5 23708	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_6 23709	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_7 23710	38.67 2.61 -5.36	32.42 2.43 -1.79	30.42 2.33 0.00	30.47 2.31 0.00	31.42 2.32 -0.74	40.63 2.42 -8.74	47.84 3.23 -7.51	54.49 3.64 -12.51	43.22 3.39 -6.29	32.86 2.80 0.00	28.52 2.47 0.00	27.27 2.14 0.00	26.65 1.77 0.00	26.84 1.80 0.00	27.34 2.12 0.00	35.22 2.66 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.96 -18.11	41.50 2.86 -9.41	39.61 2.47 -11.71	36.48 2.44 -8.63	31.90 2.33 -4.20
BARRETT_IC_8 23711	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT_IC_9 23700	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT___1 23545	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BARRETT___2 23546	38.67 2.61 -5.36	32.39 2.40 -1.79	30.41 2.33 0.00	30.47 2.31 0.00	31.33 2.24 -0.74	40.63 2.42 -8.74	47.96 3.34 -7.51	54.50 3.64 -12.51	43.22 3.39 -6.29	32.89 2.83 0.00	28.52 2.48 0.00	27.27 2.14 0.00	26.62 1.74 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.22 2.65 -6.27	41.33 2.90 -9.11	53.68 3.22 -18.26	60.18 3.31 -23.80	49.85 2.97 -18.11	41.50 2.87 -9.41	39.66 2.52 -11.71	36.43 2.39 -8.63	31.98 2.41 -4.20
BATAVIA__115KV_TB1 55881	29.26 -1.44 0.00	26.99 -1.21 0.00	26.51 -1.57 0.00	26.64 -1.52 0.00	26.85 -1.50 0.00	28.74 -0.74 0.00	35.58 -1.52 0.00	36.54 -1.88 -0.08	31.73 -1.95 -0.13	28.89 -1.17 0.00	25.11 -0.94 0.00	23.95 -1.18 0.00	23.41 -1.47 0.00	23.71 -1.33 0.00	23.68 -1.54 0.00	24.69 -1.60 0.00	27.33 -2.02 -0.03	30.15 -2.19 -0.13	30.87 -2.28 -0.08	27.48 -1.70 -0.39	27.30 -1.96 -0.03	24.11 -1.68 -0.35	23.82 -1.68 -0.09	23.03 -2.36 -0.01
BAYONEEC___CTG1 323682	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG10 323750	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG2 323683	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG3 323684	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG4 323685	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG5 323686	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG6 323687	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11

BAYONEEC___CTG7 323688	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG8 323689	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BAYONEEC___CTG9 323749	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.27 2.32 -1.91	28.20 1.98 -1.08	27.96 1.67 -1.41	28.98 1.78 -2.16	29.99 2.09 -2.69	30.21 2.45 -1.47	35.62 2.70 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.12 2.76 -5.57	32.06 2.60 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11
BEACON___LESR 323632	32.27 1.57 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.54 1.38 0.00	29.71 1.36 0.00	30.71 1.24 0.00	38.77 1.67 0.00	40.96 1.99 -0.62	36.33 1.71 -1.07	31.57 1.50 0.00	27.38 1.33 0.00	26.21 1.08 0.00	25.68 0.80 0.00	25.97 0.93 0.00	26.43 1.21 0.00	27.72 1.42 0.00	31.14 1.55 -0.26	34.91 1.61 -1.09	35.35 1.62 -0.66	33.43 1.41 -3.24	31.06 1.55 -0.28	29.68 1.32 -2.92	27.69 1.55 -0.73	26.99 1.50 -0.12
BEAVER RIVER___HYD 24048	30.70 0.00 0.00	28.15 -0.06 0.00	28.03 -0.06 0.00	28.16 0.00 0.00	28.38 0.03 0.00	29.59 0.12 0.00	37.29 0.19 0.00	38.52 0.15 -0.02	33.55 -0.03 -0.04	29.92 -0.15 0.00	25.79 -0.26 0.00	24.76 -0.38 0.00	24.53 -0.35 0.00	24.71 -0.33 0.00	24.84 -0.38 0.00	26.06 -0.24 0.00	29.07 -0.26 -0.01	31.96 -0.29 -0.04	32.82 -0.27 -0.02	28.61 -0.29 -0.12	28.89 -0.35 -0.01	25.08 -0.46 -0.11	24.93 -0.51 -0.03	24.89 -0.48 0.00
BEEBEE_GT_13 23619	29.38 -1.32 0.00	27.05 -1.16 0.00	26.68 -1.40 0.00	26.81 -1.35 0.00	26.99 -1.36 0.00	28.68 -0.80 0.00	35.69 -1.41 0.00	36.92 -1.48 -0.07	32.19 -1.48 -0.12	29.01 -1.05 0.00	25.21 -0.83 0.00	24.10 -1.03 0.00	23.64 -1.24 0.00	23.89 -1.15 0.00	23.96 -1.26 0.00	25.01 -1.29 0.00	27.83 -1.52 -0.03	30.75 -1.58 -0.12	31.52 -1.62 -0.07	27.96 -1.18 -0.36	27.89 -1.37 -0.03	24.56 -1.20 -0.32	24.29 -1.19 -0.08	23.58 -1.80 -0.01
BENSHRST_27_KV_BENSHRST_1 355998	33.28 2.58 0.00	30.51 2.31 0.00	30.28 2.19 0.00	30.30 2.14 0.00	30.53 2.18 0.00	31.60 2.12 0.00	40.14 3.04 0.00	42.42 3.57 -0.51	37.80 3.39 -0.87	32.83 2.77 0.00	30.48 2.50 -1.93	28.41 2.19 -1.09	28.20 1.89 -1.43	29.15 1.93 -2.18	30.15 2.22 -2.71	30.41 2.63 -1.49	35.92 2.96 -3.64	41.26 3.35 -5.70	40.47 3.47 -3.93	37.47 3.08 -5.60	32.32 2.86 -0.23	30.27 2.47 -2.38	28.44 2.44 -0.59	27.78 2.31 -0.10
BETHLEHEM___GRP 23843	31.75 1.04 0.00	29.22 1.02 0.00	29.04 0.95 0.00	29.12 0.96 0.00	29.29 0.94 0.00	30.09 0.62 0.00	37.88 0.78 0.00	40.08 1.11 -0.62	35.63 1.01 -1.07	30.91 0.84 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.54 0.50 0.00	26.00 0.78 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.93 -0.66	32.83 0.81 -3.24	30.45 0.94 -0.28	29.22 0.86 -2.93	27.36 1.22 -0.73	26.61 1.12 -0.12
BETHLEHEM___GS1 323560	31.75 1.04 0.00	29.19 0.99 0.00	29.04 0.96 0.00	29.12 0.96 0.00	29.26 0.91 0.00	30.10 0.62 0.00	37.96 0.85 0.00	40.08 1.11 -0.62	35.62 1.01 -1.07	31.00 0.93 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.59 0.55 0.00	26.05 0.83 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.92 -0.66	32.83 0.80 -3.24	30.45 0.94 -0.28	29.20 0.84 -2.93	27.33 1.19 -0.73	26.66 1.17 -0.12
BETHLEHEM___GS2 323561	31.75 1.04 0.00	29.19 0.99 0.00	29.04 0.96 0.00	29.12 0.96 0.00	29.26 0.91 0.00	30.10 0.62 0.00	37.96 0.85 0.00	40.08 1.11 -0.62	35.62 1.01 -1.07	31.00 0.93 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.59 0.55 0.00	26.05 0.83 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.92 -0.66	32.83 0.80 -3.24	30.45 0.94 -0.28	29.20 0.84 -2.93	27.33 1.19 -0.73	26.66 1.17 -0.12
BETHLEHEM___GS3 323562	31.75 1.04 0.00	29.19 0.99 0.00	29.04 0.96 0.00	29.12 0.96 0.00	29.26 0.91 0.00	30.10 0.62 0.00	37.96 0.85 0.00	40.08 1.11 -0.62	35.62 1.01 -1.07	31.00 0.93 0.00	26.93 0.89 0.00	25.81 0.68 0.00	25.33 0.45 0.00	25.59 0.55 0.00	26.05 0.83 0.00	27.27 0.97 0.00	30.58 1.00 -0.26	34.20 0.90 -1.09	34.65 0.92 -0.66	32.83 0.80 -3.24	30.45 0.94 -0.28	29.20 0.84 -2.93	27.33 1.19 -0.73	26.66 1.17 -0.12
BETHLEHEM___STEEL 23779	28.95 -1.75 0.00	26.71 -1.49 0.00	26.26 -1.83 0.00	26.36 -1.80 0.00	26.54 -1.81 0.00	28.47 -1.00 0.00	35.17 -1.93 0.00	35.75 -2.68 -0.08	31.07 -2.62 -0.14	28.68 -1.38 0.00	25.01 -1.04 0.00	23.88 -1.26 0.00	23.36 -1.52 0.00	23.64 -1.40 0.00	23.60 -1.61 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	29.98 -3.17 -0.09	26.88 -2.33 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.24 -2.26 -0.10	22.70 -2.69 -0.02
BETHLHEM_115KV_TB1 79974	31.78 1.07 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.32 0.96 0.00	30.15 0.68 0.00	37.95 0.85 0.00	40.12 1.15 -0.62	35.66 1.04 -1.07	30.94 0.87 0.00	26.96 0.91 0.00	25.84 0.70 0.00	25.35 0.47 0.00	25.57 0.53 0.00	26.02 0.81 0.00	27.30 1.00 0.00	30.61 1.03 -0.26	34.24 0.93 -1.09	34.69 0.96 -0.66	32.86 0.83 -3.24	30.50 0.99 -0.28	29.25 0.89 -2.93	27.38 1.24 -0.73	26.63 1.14 -0.12
BETHPAGE_CC_5 323564	38.92 2.86 -5.36	32.56 2.57 -1.79	30.61 2.53 0.00	30.67 2.51 0.00	31.53 2.44 -0.74	40.89 2.68 -8.74	48.37 3.75 -7.52	55.00 4.14 -12.51	43.59 3.76 -6.29	33.04 2.98 0.00	28.65 2.60 0.00	27.40 2.26 0.00	26.72 1.84 0.00	26.99 1.95 0.00	27.49 2.27 0.00	35.48 2.92 -6.27	41.68 3.25 -9.11	54.11 3.64 -18.26	60.64 3.77 -23.81	50.23 3.34 -18.11	41.85 3.22 -9.41	39.97 2.82 -11.72	36.69 2.64 -8.64	32.16 2.59 -4.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.02 -1.69 0.00	26.79 -1.41 0.00	26.32 -1.77 0.00	26.44 -1.72 0.00	26.62 -1.73 0.00	28.53 -0.94 0.00	35.28 -1.82 0.00	35.75 -2.68 -0.08	31.11 -2.58 -0.15	28.77 -1.29 0.00	25.08 -0.96 0.00	23.95 -1.18 0.00	23.44 -1.44 0.00	23.69 -1.35 0.00	23.68 -1.54 0.00	24.61 -1.68 0.00	26.84 -2.52 -0.04	29.33 -3.03 -0.15	30.02 -3.14 -0.09	26.86 -2.36 -0.44	26.64 -2.63 -0.04	23.52 -2.31 -0.40	23.22 -2.29 -0.10	22.75 -2.64 -0.02

BINGHAMTON___COGEN 23790	30.95 0.25 0.00	28.46 0.25 0.00	28.23 0.14 0.00	28.30 0.14 0.00	28.52 0.17 0.00	29.95 0.47 0.00	37.58 0.48 0.00	38.94 0.42 -0.18	34.18 0.34 -0.30	30.49 0.42 0.00	26.41 0.36 0.00	25.31 0.18 0.00	24.88 0.00 0.00	25.09 0.05 0.00	25.32 0.10 0.00	26.53 0.24 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.55 0.30 -0.19	30.01 0.32 -0.92	29.51 0.20 -0.08	26.36 0.10 -0.83	25.67 0.05 -0.21	25.33 -0.08 -0.03
BIXINCNT_115KV_LOAD 355685	29.38 -1.32 0.00	27.13 -1.07 0.00	26.65 -1.43 0.00	26.75 -1.41 0.00	26.96 -1.39 0.00	28.92 -0.56 0.00	35.77 -1.34 0.00	36.17 -2.26 -0.09	31.42 -2.28 -0.16	29.31 -0.75 0.00	25.47 -0.57 0.00	24.35 -0.78 0.00	23.86 -1.02 0.00	24.04 -1.00 0.00	23.98 -1.24 0.00	24.96 -1.34 0.00	27.01 -2.35 -0.04	29.40 -2.96 -0.16	30.05 -3.11 -0.10	26.72 -2.53 -0.47	26.52 -2.75 -0.04	23.29 -2.57 -0.42	22.95 -2.57 -0.11	22.70 -2.69 -0.02
BLACK RIVER___HYD 24047	30.80 0.09 0.00	28.20 0.00 0.00	28.03 -0.06 0.00	28.19 0.03 0.00	28.44 0.09 0.00	29.71 0.23 0.00	37.40 0.30 0.00	38.68 0.31 -0.03	33.63 0.03 -0.05	30.00 -0.06 0.00	25.84 -0.21 0.00	24.73 -0.40 0.00	24.43 -0.45 0.00	24.64 -0.40 0.00	24.81 -0.40 0.00	26.11 -0.18 0.00	29.28 -0.06 -0.01	32.29 0.03 -0.06	33.23 0.13 -0.03	29.06 0.12 -0.17	29.24 0.00 -0.01	25.38 -0.20 -0.15	25.19 -0.25 -0.04	25.12 -0.25 -0.01
BLACKRVR_115KV_TB2 79977	30.77 0.06 0.00	28.20 0.00 0.00	28.03 -0.06 0.00	28.19 0.03 0.00	28.41 0.06 0.00	29.71 0.24 0.00	37.47 0.37 0.00	38.68 0.31 -0.03	33.63 0.03 -0.06	30.00 -0.06 0.00	25.84 -0.21 0.00	24.73 -0.40 0.00	24.43 -0.45 0.00	24.64 -0.40 0.00	24.81 -0.40 0.00	26.11 -0.18 0.00	29.28 -0.06 -0.01	32.29 0.03 -0.06	33.23 0.13 -0.03	29.06 0.12 -0.17	29.24 0.00 -0.01	25.38 -0.20 -0.15	25.19 -0.25 -0.04	25.05 -0.33 -0.01
BLISS_WT_PWR 323608	29.42 -1.29 0.00	27.21 -0.99 0.00	26.65 -1.43 0.00	26.76 -1.41 0.00	27.33 -1.02 0.00	28.91 -0.56 0.00	35.25 -1.85 0.00	36.14 -2.30 -0.09	31.45 -2.25 -0.16	29.10 -0.96 0.00	25.50 -0.55 0.00	24.38 -0.75 0.00	23.98 -0.89 0.00	24.06 -0.98 0.00	24.01 -1.21 0.00	24.93 -1.37 0.00	26.99 -2.37 -0.04	29.34 -3.03 -0.16	29.99 -3.17 -0.10	26.60 -2.65 -0.47	26.37 -2.89 -0.04	23.19 -2.67 -0.42	22.92 -2.59 -0.11	22.85 -2.54 -0.02
BLUESTONE___WT_PWR 323821	33.13 2.43 0.00	30.40 2.20 0.00	30.13 2.05 0.00	30.28 2.11 0.00	30.62 2.27 0.00	32.16 2.68 0.00	40.48 3.38 0.00	42.06 3.53 -0.18	36.71 2.85 -0.32	32.53 2.47 0.00	28.03 1.98 0.00	26.69 1.56 0.00	26.27 1.39 0.00	26.52 1.48 0.00	26.81 1.59 0.00	28.27 1.97 0.00	31.75 2.35 -0.08	35.24 2.71 -0.33	36.21 2.94 -0.20	32.34 2.59 -0.97	31.74 2.42 -0.08	28.19 1.88 -0.88	27.43 1.80 -0.22	27.13 1.73 -0.04
BLUE_CIRC_CHEM_DRP 24182	32.03 1.32 0.00	29.44 1.24 0.00	29.26 1.18 0.00	29.35 1.18 0.00	29.54 1.19 0.00	30.57 1.09 0.00	38.51 1.41 0.00	40.65 1.69 -0.61	36.04 1.44 -1.06	31.30 1.23 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.20 0.98 0.00	27.48 1.18 0.00	30.87 1.29 -0.26	34.60 1.32 -1.08	35.04 1.32 -0.65	33.15 1.18 -3.18	30.76 1.26 -0.28	29.40 1.09 -2.88	27.35 1.22 -0.72	26.63 1.14 -0.12
BOC_GAS_DRP 24189	31.81 1.11 0.00	29.22 1.02 0.00	29.07 0.98 0.00	29.12 0.96 0.00	29.32 0.96 0.00	30.39 0.91 0.00	38.29 1.19 0.00	40.46 1.50 -0.62	35.95 1.34 -1.07	31.21 1.14 0.00	27.06 1.02 0.00	25.94 0.80 0.00	25.50 0.62 0.00	25.69 0.65 0.00	26.13 0.91 0.00	27.40 1.10 0.00	30.76 1.17 -0.26	34.49 1.19 -1.09	34.95 1.22 -0.66	33.10 1.09 -3.22	30.62 1.11 -0.28	29.31 0.97 -2.91	27.18 1.04 -0.73	26.45 0.96 -0.12
BOONVILLE_115KV_TB1 79983	31.50 0.80 0.00	28.91 0.71 0.00	28.76 0.67 0.00	28.87 0.70 0.00	29.09 0.74 0.00	30.39 0.91 0.00	38.29 1.19 0.00	39.55 1.19 -0.02	34.48 0.91 -0.03	30.79 0.72 0.00	26.57 0.52 0.00	25.48 0.35 0.00	25.15 0.27 0.00	25.37 0.33 0.00	25.60 0.38 0.00	26.85 0.55 0.00	29.95 0.62 -0.01	32.98 0.74 -0.03	33.88 0.79 -0.02	29.57 0.69 -0.10	29.85 0.61 -0.01	25.95 0.43 -0.09	25.84 0.41 -0.02	25.70 0.33 0.00
BORALEX_4TH_BRANCH 23824	32.76 2.06 0.00	30.06 1.86 0.00	29.88 1.80 0.00	29.97 1.80 0.00	30.17 1.81 0.00	31.36 1.89 0.00	39.51 2.41 0.00	41.77 2.80 -0.62	37.10 2.48 -1.07	32.17 2.10 0.00	27.79 1.75 0.00	26.54 1.41 0.00	25.97 1.09 0.00	26.19 1.15 0.00	26.83 1.61 0.00	28.19 1.89 0.00	31.64 2.05 -0.26	35.62 2.32 -1.09	36.11 2.38 -0.66	34.14 2.13 -3.23	31.61 2.10 -0.28	30.18 1.83 -2.92	27.89 1.75 -0.73	27.16 1.67 -0.12
BOWLINE___1 23526	32.61 1.90 0.00	29.92 1.72 0.00	29.77 1.68 0.00	29.82 1.66 0.00	29.94 1.59 0.00	31.24 1.77 0.00	39.66 2.56 0.00	41.67 2.84 -0.49	37.04 2.65 -0.85	32.26 2.19 0.00	28.00 1.95 0.00	26.74 1.61 0.00	26.20 1.32 0.00	26.47 1.43 0.00	26.93 1.72 0.00	28.32 2.03 0.00	31.79 2.26 -0.21	35.58 2.51 -0.86	36.20 2.61 -0.52	33.66 2.33 -2.55	31.70 2.25 -0.22	29.72 1.99 -2.31	27.81 1.83 -0.58	27.24 1.78 -0.09
BOWLINE___2 23595	32.61 1.90 0.00	29.92 1.72 0.00	29.77 1.68 0.00	29.82 1.66 0.00	29.94 1.59 0.00	31.24 1.77 0.00	39.66 2.56 0.00	41.67 2.84 -0.49	37.04 2.65 -0.85	32.26 2.19 0.00	28.00 1.95 0.00	26.74 1.61 0.00	26.20 1.32 0.00	26.47 1.43 0.00	26.93 1.72 0.00	28.32 2.03 0.00	31.79 2.26 -0.21	35.58 2.51 -0.86	36.20 2.61 -0.52	33.66 2.33 -2.55	31.70 2.25 -0.22	29.72 1.99 -2.31	27.81 1.83 -0.58	27.24 1.78 -0.09
BRADY___115KV_TB2 356060	30.67 -0.03 0.00	28.15 -0.06 0.00	28.14 0.06 0.00	28.25 0.08 0.00	28.44 0.09 0.00	29.42 -0.06 0.00	36.95 -0.15 0.00	38.15 -0.19 0.00	33.34 -0.20 0.00	29.88 -0.18 0.00	25.76 -0.29 0.00	25.08 -0.05 0.00	25.13 0.25 0.00	25.24 0.20 0.00	25.14 -0.08 0.00	26.03 -0.26 0.00	29.09 -0.23 0.00	31.82 -0.39 0.00	32.64 -0.43 0.00	28.26 -0.52 0.00	28.79 -0.44 0.00	25.03 -0.41 0.00	25.00 -0.41 0.00	25.32 -0.05 0.00
BRANSCOMB___SOLAR 323811	32.18 1.47 0.00	29.56 1.35 0.00	29.38 1.29 0.00	29.46 1.30 0.00	29.63 1.28 0.00	30.86 1.39 0.00	39.07 1.97 0.00	41.29 2.30 -0.64	36.52 1.88 -1.10	31.54 1.47 0.00	27.22 1.17 0.00	26.04 0.90 0.00	25.48 0.60 0.00	25.77 0.73 0.00	26.28 1.06 0.00	27.61 1.31 0.00	31.20 1.61 -0.27	35.10 1.77 -1.12	35.56 1.82 -0.68	33.71 1.61 -3.32	31.15 1.64 -0.29	29.78 1.35 -3.00	27.66 1.50 -0.75	26.94 1.45 -0.12
BRENTWOD_69_KV_W. BRTWOOD 56703	39.38 3.32 -5.36	33.04 3.05 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	32.04 2.95 -0.74	41.34 3.12 -8.74	48.96 4.34 -7.52	55.73 4.87 -12.51	44.16 4.33 -6.29	33.49 3.43 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.07 2.19 0.00	27.27 2.23 0.00	27.76 2.55 0.00	35.85 3.29 -6.27	42.21 3.78 -9.11	54.69 4.22 -18.26	61.21 4.33 -23.81	50.75 3.86 -18.11	42.41 3.77 -9.41	40.33 3.18 -11.72	37.12 3.07 -8.64	32.44 2.87 -4.20

BRISTLHL_115KV_TB1 79998	29.78 -0.92 0.00	27.36 -0.85 0.00	27.19 -0.90 0.00	27.26 -0.90 0.00	27.47 -0.88 0.00	28.74 -0.74 0.00	36.10 -1.00 0.00	37.32 -1.07 -0.05	32.66 -0.97 -0.09	29.22 -0.84 0.00	25.29 -0.76 0.00	24.28 -0.85 0.00	23.91 -0.97 0.00	24.11 -0.93 0.00	24.31 -0.91 0.00	25.46 -0.84 0.00	28.43 -0.91 -0.02	31.39 -0.90 -0.09	32.23 -0.89 -0.05	28.32 -0.72 -0.26	28.43 -0.82 -0.02	24.90 -0.76 -0.23	24.65 -0.81 -0.06	24.39 -0.99 -0.01
BROOKHAVEN___DRP 24191	39.41 3.35 -5.36	33.04 3.05 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	32.07 2.98 -0.74	41.34 3.12 -8.74	49.00 4.38 -7.52	55.77 4.91 -12.51	44.16 4.33 -6.29	33.43 3.37 0.00	28.97 2.92 0.00	27.70 2.56 0.00	27.02 2.14 0.00	27.24 2.20 0.00	27.74 2.52 0.00	35.85 3.29 -6.27	42.24 3.81 -9.11	54.76 4.28 -18.26	61.28 4.40 -23.81	50.84 3.94 -18.11	42.44 3.80 -9.41	40.33 3.18 -11.72	37.12 3.07 -8.64	32.44 2.87 -4.20
BROOKLYN_NAVY_YARD 23515	32.92 2.21 0.00	30.15 1.94 0.00	30.02 1.94 0.00	30.05 1.89 0.00	30.11 1.76 0.00	31.42 1.94 0.00	40.11 3.00 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.68 2.61 0.00	30.35 2.39 -1.91	28.23 2.01 -1.08	27.98 1.69 -1.41	29.05 1.85 -2.16	30.07 2.17 -2.69	30.24 2.47 -1.47	35.71 2.79 -3.60	40.95 3.09 -5.65	40.17 3.21 -3.90	37.20 2.85 -5.57	32.12 2.66 -0.23	30.17 2.37 -2.37	28.19 2.19 -0.59	27.61 2.13 -0.11
BROOKLYN___ARMY_DRP 323595	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
BROOKVLE_69_KV_TB1 55790	39.25 3.19 -5.36	32.90 2.90 -1.79	30.87 2.78 0.00	30.92 2.76 0.00	31.90 2.81 -0.74	41.22 3.01 -8.74	48.44 3.82 -7.52	55.19 4.33 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.97 2.92 0.00	27.70 2.56 0.00	27.02 2.14 0.00	27.24 2.20 0.00	27.71 2.50 0.00	35.75 3.18 -6.27	41.83 3.40 -9.11	54.30 3.83 -18.26	60.84 3.97 -23.81	50.40 3.51 -18.11	42.00 3.36 -9.41	40.20 3.05 -11.72	36.99 2.95 -8.64	32.31 2.74 -4.20
BROOME_2_LFGE 323671	30.95 0.24 0.00	28.46 0.25 0.00	28.23 0.14 0.00	28.30 0.14 0.00	28.61 0.25 0.00	29.95 0.47 0.00	37.51 0.41 0.00	38.94 0.42 -0.18	34.18 0.34 -0.30	30.45 0.39 0.00	26.41 0.36 0.00	25.31 0.18 0.00	24.88 0.00 0.00	25.12 0.08 0.00	25.32 0.10 0.00	26.53 0.24 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.55 0.30 -0.19	30.01 0.32 -0.92	29.51 0.21 -0.08	26.39 0.13 -0.83	25.67 0.05 -0.21	25.45 0.05 -0.03
BROOME___LFGE 323600	30.95 0.24 0.00	28.46 0.25 0.00	28.23 0.14 0.00	28.30 0.14 0.00	28.61 0.25 0.00	29.95 0.47 0.00	37.51 0.41 0.00	38.94 0.42 -0.18	34.18 0.34 -0.30	30.45 0.39 0.00	26.41 0.36 0.00	25.31 0.18 0.00	24.88 0.00 0.00	25.12 0.08 0.00	25.32 0.10 0.00	26.53 0.24 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.55 0.30 -0.19	30.01 0.32 -0.92	29.51 0.21 -0.08	26.39 0.13 -0.83	25.67 0.05 -0.21	25.45 0.05 -0.03
BROWNFLS_115KV_TB_3_5 80003	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.04 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.61 -0.43 0.00	24.66 -0.55 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.49 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.79 -0.58 0.00
BROWNSV1_27_KV_LOAD 356125	33.25 2.55 0.00	30.51 2.31 0.00	30.30 2.22 0.00	30.33 2.17 0.00	30.53 2.18 0.00	31.72 2.24 0.00	40.29 3.19 0.00	42.53 3.68 -0.51	37.87 3.46 -0.87	32.95 2.89 0.00	30.59 2.63 -1.91	28.48 2.26 -1.08	28.26 1.97 -1.41	29.23 2.03 -2.16	30.22 2.32 -2.69	30.50 2.73 -1.47	35.97 3.05 -3.60	41.24 3.38 -5.65	40.47 3.51 -3.90	37.46 3.11 -5.57	32.38 2.92 -0.23	30.35 2.54 -2.37	28.49 2.49 -0.59	27.78 2.31 -0.10
BURROWS___LYONSDAL 23803	31.38 0.68 0.00	28.77 0.56 0.00	28.62 0.53 0.00	28.73 0.56 0.00	28.95 0.60 0.00	30.24 0.77 0.00	38.14 1.04 0.00	39.36 1.00 -0.02	34.28 0.70 -0.03	30.64 0.57 0.00	26.41 0.36 0.00	25.33 0.20 0.00	25.03 0.15 0.00	25.24 0.20 0.00	25.44 0.23 0.00	26.69 0.39 0.00	29.77 0.44 -0.01	32.72 0.48 -0.03	33.62 0.53 -0.02	29.34 0.46 -0.10	29.62 0.38 -0.01	25.73 0.20 -0.09	25.61 0.18 -0.02	25.50 0.13 0.00
CAITHNESS_CC_1 323624	39.31 3.25 -5.36	32.93 2.93 -1.79	30.95 2.87 0.00	31.01 2.84 0.00	31.88 2.78 -0.74	41.22 3.01 -8.74	48.96 4.34 -7.52	55.61 4.75 -12.51	44.06 4.23 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.77 3.21 -6.27	42.09 3.66 -9.11	54.66 4.19 -18.26	61.08 4.20 -23.81	50.72 3.83 -18.11	42.32 3.68 -9.41	40.31 3.15 -11.72	37.02 2.97 -8.64	32.43 2.87 -4.20
CALPINE BETH_PAGE_GT4 24209	38.86 2.79 -5.36	32.53 2.54 -1.79	30.53 2.44 0.00	30.58 2.42 0.00	31.53 2.44 -0.74	40.81 2.59 -8.74	48.15 3.52 -7.52	54.88 4.03 -12.51	43.49 3.66 -6.29	32.95 2.89 0.00	28.57 2.53 0.00	27.32 2.19 0.00	26.67 1.79 0.00	26.89 1.85 0.00	27.36 2.14 0.00	35.41 2.84 -6.27	41.60 3.17 -9.11	54.01 3.54 -18.26	60.55 3.67 -23.81	50.15 3.25 -18.11	41.77 3.13 -9.41	39.85 2.70 -11.72	36.67 2.62 -8.64	32.00 2.44 -4.20
CALPINE_BETH_PAGE_GT_4 323586	38.86 2.79 -5.36	32.50 2.51 -1.79	30.53 2.44 0.00	30.59 2.42 0.00	31.45 2.35 -0.74	40.81 2.59 -8.74	48.26 3.64 -7.52	54.88 4.03 -12.51	43.49 3.66 -6.29	32.95 2.89 0.00	28.57 2.53 0.00	27.32 2.19 0.00	26.67 1.79 0.00	26.94 1.90 0.00	27.41 2.19 0.00	35.41 2.84 -6.27	41.63 3.20 -9.11	54.01 3.54 -18.26	60.55 3.67 -23.81	50.15 3.25 -18.11	41.77 3.13 -9.41	39.90 2.75 -11.72	36.64 2.59 -8.64	32.08 2.51 -4.20
CALPINE_BP_GT1 23823	38.86 2.79 -5.36	32.50 2.51 -1.79	30.53 2.44 0.00	30.59 2.42 0.00	31.45 2.35 -0.74	40.81 2.59 -8.74	48.26 3.64 -7.52	54.88 4.03 -12.51	43.49 3.66 -6.29	32.95 2.89 0.00	28.57 2.53 0.00	27.32 2.19 0.00	26.67 1.79 0.00	26.94 1.90 0.00	27.41 2.19 0.00	35.41 2.84 -6.27	41.63 3.20 -9.11	54.01 3.54 -18.26	60.55 3.67 -23.81	50.15 3.25 -18.11	41.77 3.13 -9.41	39.90 2.75 -11.72	36.64 2.59 -8.64	32.08 2.51 -4.20
CALSPAN___DRP 24200	28.95 -1.75 0.00	26.71 -1.49 0.00	26.26 -1.83 0.00	26.36 -1.80 0.00	26.54 -1.81 0.00	28.47 -1.00 0.00	35.17 -1.93 0.00	35.75 -2.68 -0.08	31.07 -2.62 -0.14	28.68 -1.38 0.00	25.01 -1.04 0.00	23.88 -1.26 0.00	23.36 -1.52 0.00	23.64 -1.40 0.00	23.60 -1.61 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	29.98 -3.17 -0.09	26.88 -2.33 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.24 -2.26 -0.10	22.70 -2.69 -0.02

CALVERTON___SOLAR 323806	39.53 3.47 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.07 2.98 -0.74	41.46 3.24 -8.74	49.30 4.67 -7.52	55.96 5.10 -12.51	44.30 4.46 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.37 2.33 0.00	27.86 2.65 0.00	35.96 3.39 -6.27	42.36 3.93 -9.11	54.95 4.48 -18.26	61.37 4.50 -23.81	50.98 4.09 -18.11	42.58 3.94 -9.41	40.51 3.36 -11.72	37.20 3.15 -8.64	32.61 3.04 -4.20
CANDIGU_WT_PWR 323617	31.01 0.31 0.00	28.54 0.34 0.00	28.20 0.11 0.00	28.28 0.11 0.00	28.69 0.34 0.00	30.21 0.74 0.00	37.66 0.56 0.00	38.94 0.46 -0.13	34.14 0.37 -0.23	30.67 0.60 0.00	26.60 0.55 0.00	25.38 0.25 0.00	24.93 0.05 0.00	25.14 0.10 0.00	25.27 0.05 0.00	26.46 0.16 0.00	29.35 -0.03 -0.06	32.31 -0.13 -0.23	33.11 -0.10 -0.14	29.41 -0.06 -0.69	29.08 -0.20 -0.06	25.75 -0.30 -0.62	25.16 -0.41 -0.16	24.96 -0.43 -0.03
CARR STREET_E_SYR 24060	30.06 -0.65 0.00	27.64 -0.56 0.00	27.41 -0.67 0.00	27.49 -0.68 0.00	27.78 -0.57 0.00	28.95 -0.53 0.00	36.14 -0.96 0.00	37.48 -0.92 -0.06	32.80 -0.84 -0.10	29.40 -0.66 0.00	25.58 -0.47 0.00	24.56 -0.58 0.00	24.18 -0.70 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.72 -0.58 0.00	28.73 -0.62 -0.02	31.69 -0.61 -0.10	32.53 -0.59 -0.06	28.61 -0.46 -0.29	28.70 -0.56 -0.03	25.16 -0.54 -0.26	24.91 -0.56 -0.07	24.82 -0.56 -0.01
CARTHAGE___PAPER 23857	30.67 -0.03 0.00	28.12 -0.08 0.00	27.97 -0.11 0.00	28.13 -0.03 0.00	28.35 0.00 0.00	29.59 0.12 0.00	37.29 0.19 0.00	38.57 0.19 -0.03	33.56 -0.03 -0.05	29.92 -0.15 0.00	25.76 -0.29 0.00	24.73 -0.40 0.00	24.48 -0.40 0.00	24.67 -0.37 0.00	24.79 -0.43 0.00	26.03 -0.26 0.00	29.10 -0.24 -0.01	32.06 -0.19 -0.05	32.96 -0.13 -0.03	28.78 -0.14 -0.15	28.98 -0.26 -0.01	25.18 -0.38 -0.13	25.01 -0.43 -0.03	24.94 -0.43 -0.01
CASSADAGA_WT_PWR 323784	29.51 -1.20 0.00	27.21 -0.99 0.00	26.62 -1.46 0.00	26.81 -1.35 0.00	27.39 -0.96 0.00	29.03 -0.44 0.00	35.43 -1.67 0.00	36.67 -1.76 -0.09	31.85 -1.84 -0.15	29.19 -0.87 0.00	25.63 -0.42 0.00	24.43 -0.70 0.00	24.03 -0.85 0.00	24.19 -0.85 0.00	24.11 -1.11 0.00	24.93 -1.37 0.00	27.10 -2.26 -0.04	29.47 -2.90 -0.16	29.89 -3.27 -0.09	26.63 -2.62 -0.46	26.29 -2.98 -0.04	23.13 -2.72 -0.42	22.87 -2.64 -0.10	22.98 -2.41 -0.02
CE_DUNWOOD___DRP 24194	32.79 2.09 0.00	30.12 1.92 0.00	29.94 1.85 0.00	29.99 1.83 0.00	30.19 1.84 0.00	31.39 1.92 0.00	39.77 2.67 0.00	41.96 3.11 -0.50	37.30 2.88 -0.87	32.44 2.38 0.00	28.18 2.14 0.00	26.92 1.78 0.00	26.37 1.49 0.00	26.59 1.55 0.00	27.08 1.87 0.00	28.53 2.24 0.00	32.03 2.49 -0.21	35.86 2.77 -0.88	36.45 2.84 -0.54	33.93 2.53 -2.62	31.91 2.46 -0.23	29.91 2.11 -0.37	28.03 2.03 -0.59	27.34 1.88 -0.10
CE_MILLWOOD___DRP 24193	32.76 2.06 0.00	30.09 1.89 0.00	29.88 1.80 0.00	29.94 1.77 0.00	30.14 1.79 0.00	31.36 1.89 0.00	39.70 2.60 0.00	41.88 3.03 -0.50	37.23 2.82 -0.86	32.38 2.31 0.00	28.11 2.06 0.00	26.87 1.73 0.00	26.32 1.44 0.00	26.54 1.50 0.00	27.01 1.79 0.00	28.48 2.18 0.00	31.97 2.43 -0.21	35.76 2.67 -0.88	36.38 2.78 -0.53	33.86 2.48 -2.61	31.85 2.40 -0.23	29.85 2.06 -0.36	27.98 1.98 -0.59	27.29 1.83 -0.10
CE_NYC2_DRP 24202	33.01 2.30 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.88 2.78 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.30 2.32 -1.93	28.24 2.01 -1.09	28.02 1.72 -1.43	28.97 1.75 -2.18	30.00 2.07 -2.71	30.23 2.45 -1.49	35.68 2.73 -3.64	40.94 3.03 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -0.38	28.26 2.26 -0.59	27.60 2.13 -0.10
CE_NYC_DRP 24195	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.34 1.98 0.00	31.48 2.00 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.32 2.37 -1.91	28.25 2.04 -1.08	28.01 1.72 -1.41	28.97 1.78 -2.16	29.99 2.09 -2.68	30.24 2.47 -1.47	35.67 2.76 -3.59	40.91 3.06 -5.64	40.13 3.17 -3.89	37.17 2.82 -5.57	32.12 2.66 -0.23	30.10 2.29 -0.37	28.26 2.26 -0.59	27.57 2.11 -0.10
CHAFFEE___LFGE 323603	29.02 -1.69 0.00	26.85 -1.35 0.00	26.29 -1.80 0.00	26.39 -1.77 0.00	26.96 -1.39 0.00	28.50 -0.97 0.00	34.65 -2.45 0.00	35.75 -2.69 -0.09	31.08 -2.62 -0.15	28.47 -1.59 0.00	25.03 -1.02 0.00	23.90 -1.23 0.00	23.49 -1.39 0.00	23.66 -1.38 0.00	23.63 -1.59 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	30.02 -3.14 -0.09	26.90 -2.33 -0.45	26.64 -2.63 -0.04	23.53 -2.31 -0.41	23.32 -2.19 -0.10	23.36 -2.03 -0.02
CHATEAUG_35_KV_LOAD 355732	31.53 0.83 0.00	28.94 0.73 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.77 0.67 0.00	39.04 0.69 0.00	34.08 0.54 0.00	30.52 0.45 0.00	26.33 0.29 0.00	25.61 0.48 0.00	25.63 0.75 0.00	25.72 0.68 0.00	25.62 0.40 0.00	26.51 0.21 0.00	29.56 0.23 0.00	32.30 0.10 0.00	33.03 -0.03 0.00	28.44 -0.35 0.00	28.94 -0.29 0.00	25.10 -0.33 0.00	25.00 -0.41 0.00	25.37 0.00 0.00
CHATEAUG_WT_PWR 323614	31.50 0.80 0.00	28.93 0.73 0.00	28.87 0.79 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.73 0.63 0.00	38.96 0.61 0.00	34.05 0.50 0.00	30.52 0.45 0.00	26.31 0.26 0.00	25.59 0.45 0.00	25.58 0.70 0.00	25.62 0.58 0.00	25.54 0.33 0.00	26.48 0.19 0.00	29.53 0.21 0.00	32.27 0.06 0.00	33.00 -0.07 0.00	28.41 -0.37 0.00	28.91 -0.32 0.00	25.08 -0.36 0.00	24.98 -0.43 0.00	25.12 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	31.53 0.83 0.00	28.94 0.73 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.77 0.67 0.00	39.04 0.69 0.00	34.08 0.54 0.00	30.52 0.45 0.00	26.33 0.29 0.00	25.61 0.48 0.00	25.63 0.75 0.00	25.72 0.68 0.00	25.62 0.40 0.00	26.51 0.21 0.00	29.56 0.23 0.00	32.30 0.10 0.00	33.03 -0.03 0.00	28.44 -0.35 0.00	28.94 -0.29 0.00	25.10 -0.33 0.00	25.00 -0.41 0.00	25.37 0.00 0.00
CHAUTAUQUA___LFGE 323629	29.29 -1.41 0.00	27.07 -1.13 0.00	26.49 -1.60 0.00	26.61 -1.55 0.00	27.22 -1.13 0.00	28.80 -0.68 0.00	35.06 -2.04 0.00	36.32 -2.11 -0.09	31.55 -2.15 -0.15	28.83 -1.23 0.00	25.35 -0.70 0.00	24.20 -0.93 0.00	23.79 -1.09 0.00	23.96 -1.08 0.00	23.91 -1.31 0.00	24.83 -1.47 0.00	27.07 -2.29 -0.04	29.59 -2.77 -0.15	30.18 -2.98 -0.09	26.99 -2.24 -0.45	26.69 -2.57 -0.04	23.58 -2.26 -0.41	23.35 -2.16 -0.10	23.38 -2.00 -0.02
CHERRYST_13_KV_LD 356241	33.07 2.36 0.00	30.35 2.14 0.00	30.13 2.05 0.00	30.19 2.03 0.00	30.39 2.04 0.00	31.57 2.09 0.00	40.07 2.97 0.00	42.30 3.45 -0.51	37.67 3.25 -0.87	32.77 2.71 0.00	30.43 2.47 -1.91	28.32 2.11 -1.08	28.11 1.82 -1.41	29.07 1.88 -2.16	30.09 2.19 -2.68	30.34 2.58 -1.47	35.79 2.87 -3.59	41.01 3.16 -5.64	40.23 3.27 -3.89	37.26 2.91 -5.57	32.20 2.75 -0.23	30.17 2.37 -0.37	28.31 2.31 -0.59	27.62 2.16 -0.10

CHESTROR_138KV_BK263 355645	32.42 1.72 0.00	29.75 1.55 0.00	29.57 1.49 0.00	29.66 1.49 0.00	29.83 1.47 0.00	31.07 1.59 0.00	39.29 2.19 0.00	41.31 2.49 -0.47	36.64 2.28 -0.81	31.93 1.86 0.00	27.72 1.67 0.00	26.49 1.36 0.00	25.97 1.09 0.00	26.19 1.15 0.00	26.63 1.41 0.00	28.03 1.74 0.00	31.46 1.94 -0.20	35.23 2.19 -0.83	35.85 2.28 -0.50	33.25 2.01 -2.45	31.40 1.96 -0.21	29.33 1.68 -2.22	27.59 1.63 -0.55	26.93 1.47 -0.09
CH_MIDHUDSON___DRP 24192	32.76 2.06 0.00	30.06 1.86 0.00	29.88 1.80 0.00	29.97 1.80 0.00	30.14 1.79 0.00	31.36 1.89 0.00	39.66 2.56 0.00	41.70 2.84 -0.52	37.06 2.62 -0.90	32.23 2.16 0.00	27.95 1.90 0.00	26.69 1.56 0.00	26.15 1.27 0.00	26.34 1.30 0.00	26.86 1.64 0.00	28.30 2.00 0.00	31.77 2.23 -0.22	35.60 2.48 -0.91	36.20 2.58 -0.55	33.79 2.30 -2.70	31.69 2.22 -0.24	29.76 1.88 -2.44	27.85 1.83 -0.61	27.17 1.70 -0.10
CH_MISC_IPPS 23765	32.89 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.19 1.84 0.00	31.51 2.03 0.00	40.00 2.90 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.38 2.32 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.17 1.29 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.80 2.34 -0.23	29.84 2.01 -2.40	27.89 1.88 -0.60	27.30 1.83 -0.10
CH_RES_BVR_FALLS 23983	30.43 -0.28 0.00	27.95 -0.25 0.00	27.89 -0.20 0.00	27.97 -0.20 0.00	28.12 -0.23 0.00	29.15 -0.32 0.00	36.66 -0.44 0.00	37.81 -0.54 0.00	33.04 -0.50 0.00	29.61 -0.45 0.00	25.66 -0.39 0.00	24.93 -0.20 0.00	24.85 -0.02 0.00	24.97 -0.07 0.00	25.01 -0.20 0.00	25.93 -0.37 0.00	28.88 -0.44 0.00	31.53 -0.68 0.00	32.24 -0.83 0.00	27.92 -0.86 0.00	28.38 -0.85 0.00	24.69 -0.74 0.00	24.67 -0.74 0.00	24.63 -0.74 0.00
CH_RES_NIAGARA 23895	27.94 -2.76 0.00	25.86 -2.34 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	26.00 -2.35 0.00	27.53 -1.95 0.00	33.09 -4.01 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.12 -2.95 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.49 -2.39 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.41 -3.93 -0.14	29.11 -4.04 -0.08	26.17 -3.02 -0.41	25.93 -3.33 -0.04	22.98 -2.82 -0.37	22.86 -2.64 -0.09	23.05 -2.33 -0.02
CH_RES_SYRACUSE 23985	30.27 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.98 -0.37 0.00	29.21 -0.27 0.00	36.62 -0.48 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.71 -0.36 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.36 -0.52 0.00	24.56 -0.48 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.91 -0.35 -0.03	25.34 -0.38 -0.29	25.07 -0.41 -0.07	24.97 -0.41 -0.01
CLINTON_WT_PWR 323605	31.50 0.80 0.00	28.93 0.73 0.00	28.87 0.79 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.73 0.63 0.00	38.96 0.61 0.00	34.05 0.50 0.00	30.52 0.45 0.00	26.31 0.26 0.00	25.59 0.45 0.00	25.58 0.70 0.00	25.62 0.58 0.00	25.54 0.33 0.00	26.48 0.19 0.00	29.53 0.21 0.00	32.27 0.06 0.00	33.00 -0.07 0.00	28.41 -0.37 0.00	28.91 -0.32 0.00	25.08 -0.36 0.00	24.98 -0.43 0.00	25.12 -0.25 0.00
CLINTON___LFGE 323618	32.05 1.35 0.00	29.44 1.24 0.00	29.38 1.29 0.00	29.51 1.35 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.36 1.26 0.00	39.65 1.30 0.00	34.62 1.07 0.00	31.00 0.93 0.00	26.70 0.65 0.00	25.94 0.80 0.00	25.92 1.04 0.00	25.97 0.93 0.00	25.87 0.65 0.00	26.85 0.55 0.00	29.97 0.64 0.00	32.75 0.55 0.00	33.50 0.43 0.00	28.78 0.00 0.00	29.29 0.06 0.00	25.36 -0.08 0.00	25.26 -0.15 0.00	25.50 0.13 0.00
COBBLENY_34_KV_TB1 80064	28.99 -1.72 0.00	26.74 -1.47 0.00	26.29 -1.80 0.00	26.39 -1.77 0.00	26.57 -1.79 0.00	28.50 -0.97 0.00	35.21 -1.89 0.00	35.75 -2.68 -0.09	31.08 -2.62 -0.15	28.74 -1.32 0.00	25.03 -1.02 0.00	23.90 -1.23 0.00	23.39 -1.49 0.00	23.64 -1.40 0.00	23.63 -1.59 0.00	24.59 -1.71 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	30.02 -3.14 -0.09	26.90 -2.33 -0.45	26.67 -2.60 -0.04	23.55 -2.29 -0.41	23.25 -2.26 -0.10	22.72 -2.66 -0.02
COFFEEN___115KV_TB3 355620	31.01 0.31 0.00	28.40 0.20 0.00	28.23 0.14 0.00	28.39 0.23 0.00	28.61 0.26 0.00	29.95 0.47 0.00	37.77 0.67 0.00	39.03 0.65 -0.03	33.87 0.27 -0.06	30.22 0.15 0.00	26.00 -0.05 0.00	24.86 -0.28 0.00	24.56 -0.32 0.00	24.76 -0.28 0.00	24.94 -0.28 0.00	26.30 0.00 0.00	29.51 0.18 -0.01	32.59 0.32 -0.06	33.56 0.46 -0.03	29.35 0.40 -0.17	29.51 0.26 -0.01	25.58 0.00 -0.15	25.39 -0.05 -0.04	25.22 -0.15 -0.01
COLDSPRG_115KV_BK1 355956	29.85 -0.86 0.00	27.53 -0.68 0.00	27.02 -1.07 0.00	27.15 -1.01 0.00	27.39 -0.96 0.00	29.42 -0.06 0.00	36.47 -0.63 0.00	37.02 -1.42 -0.09	32.13 -1.58 -0.16	29.88 -0.18 0.00	25.97 -0.08 0.00	24.73 -0.40 0.00	24.23 -0.65 0.00	24.46 -0.58 0.00	24.44 -0.78 0.00	25.35 -0.95 0.00	27.51 -1.85 -0.04	29.99 -2.38 -0.16	30.52 -2.65 -0.10	27.25 -2.01 -0.48	27.02 -2.25 -0.04	23.73 -2.14 -0.44	23.38 -2.13 -0.11	23.16 -2.23 -0.02
COLONIE_LFGE___ 323577	32.21 1.50 0.00	29.58 1.38 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.66 1.30 0.00	30.80 1.33 0.00	38.88 1.78 0.00	41.09 2.11 -0.63	36.48 1.84 -1.09	31.63 1.56 0.00	27.35 1.30 0.00	26.16 1.03 0.00	25.63 0.75 0.00	25.92 0.88 0.00	26.43 1.21 0.00	27.72 1.42 0.00	31.14 1.55 -0.27	35.02 1.71 -1.11	35.49 1.75 -0.67	33.59 1.52 -3.28	31.06 1.55 -0.29	29.72 1.32 -2.96	27.52 1.37 -0.74	26.84 1.34 -0.12
COOPERNY_115KV_TB1 80082	31.99 1.29 0.00	29.36 1.16 0.00	29.21 1.12 0.00	29.29 1.13 0.00	29.46 1.11 0.00	30.68 1.21 0.00	38.77 1.67 0.00	40.65 1.92 -0.39	35.95 1.74 -0.66	31.51 1.44 0.00	27.35 1.30 0.00	26.19 1.06 0.00	25.70 0.82 0.00	25.92 0.88 0.00	26.30 1.08 0.00	27.64 1.34 0.00	30.98 1.50 -0.16	34.56 1.67 -0.68	35.23 1.75 -0.41	32.37 1.58 -2.00	30.92 1.52 -0.18	28.54 1.30 -1.81	27.11 1.24 -0.45	26.56 1.12 -0.07
COPENHAGEN_WT_PWR 323753	30.67 -0.03 0.00	28.12 -0.08 0.00	27.94 -0.14 0.00	28.11 -0.06 0.00	28.35 0.00 0.00	29.62 0.15 0.00	37.25 0.15 0.00	38.57 0.19 -0.03	33.50 -0.10 -0.06	29.92 -0.15 0.00	25.76 -0.29 0.00	24.68 -0.45 0.00	24.38 -0.50 0.00	24.59 -0.45 0.00	24.76 -0.45 0.00	26.06 -0.24 0.00	29.19 -0.15 -0.01	32.20 -0.06 -0.06	33.14 0.03 -0.04	28.98 0.03 -0.17	29.16 -0.09 -0.02	25.34 -0.25 -0.16	25.14 -0.30 -0.04	25.07 -0.30 -0.01
CORNELL_____ 23752	31.35 0.64 0.00	28.79 0.59 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.92 0.57 0.00	30.39 0.91 0.00	38.21 1.11 0.00	39.50 1.04 -0.12	34.63 0.87 -0.21	30.82 0.75 0.00	26.60 0.55 0.00	25.48 0.35 0.00	25.05 0.17 0.00	25.27 0.23 0.00	25.47 0.25 0.00	26.77 0.47 0.00	29.99 0.62 -0.05	33.20 0.77 -0.22	34.09 0.89 -0.13	30.23 0.81 -0.64	29.96 0.67 -0.06	26.45 0.43 -0.58	25.91 0.36 -0.15	25.55 0.15 -0.02

CORONA__69_KV_TB1 355595	38.86 2.79 -5.36	32.56 2.57 -1.79	30.53 2.44 0.00	30.58 2.42 0.00	31.56 2.47 -0.74	40.81 2.59 -8.74	48.10 3.49 -7.52	54.80 3.95 -12.51	43.46 3.62 -6.29	32.98 2.92 0.00	28.65 2.60 0.00	27.39 2.26 0.00	26.75 1.87 0.00	26.97 1.93 0.00	27.44 2.22 0.00	35.38 2.81 -6.27	41.54 3.11 -9.11	53.88 3.41 -18.26	60.41 3.54 -23.81	50.03 3.14 -18.11	41.73 3.10 -9.41	39.82 2.67 -11.71	36.64 2.59 -8.64	32.00 2.44 -4.20
CORTLAND__115KV_TB3 80093	31.04 0.34 0.00	28.51 0.31 0.00	28.31 0.22 0.00	28.39 0.23 0.00	28.64 0.28 0.00	30.01 0.53 0.00	37.73 0.63 0.00	39.06 0.61 -0.10	34.22 0.50 -0.17	30.52 0.45 0.00	26.39 0.34 0.00	25.28 0.15 0.00	24.88 0.00 0.00	25.09 0.05 0.00	25.32 0.10 0.00	26.56 0.26 0.00	29.69 0.32 -0.04	32.80 0.42 -0.18	33.67 0.50 -0.11	29.80 0.49 -0.53	29.65 0.38 -0.05	26.14 0.23 -0.47	25.68 0.15 -0.12	25.39 0.00 -0.02
COXSACKIE__GT 23611	33.44 2.73 0.00	30.77 2.57 0.00	30.56 2.47 0.00	30.64 2.48 0.00	30.85 2.50 0.00	31.98 2.50 0.00	40.51 3.41 0.00	41.89 2.95 -0.59	37.01 2.45 -1.02	32.23 2.17 0.00	27.72 1.67 0.00	26.36 1.23 0.00	25.80 0.92 0.00	26.12 1.08 0.00	26.68 1.46 0.00	28.06 1.76 0.00	31.62 2.05 -0.25	35.43 2.19 -1.04	35.84 2.15 -0.63	33.75 1.90 -3.07	31.63 2.13 -0.27	29.76 1.55 -2.77	27.88 1.78 -0.69	27.18 1.70 -0.11
CPV_VALLEY__CC1 323721	32.12 1.41 0.00	29.50 1.30 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.51 1.16 0.00	30.80 1.33 0.00	39.03 1.93 0.00	40.93 2.15 -0.44	36.28 1.98 -0.76	31.72 1.65 0.00	27.51 1.46 0.00	26.31 1.18 0.00	25.80 0.92 0.00	26.07 1.03 0.00	26.48 1.26 0.00	27.82 1.52 0.00	31.21 1.70 -0.19	34.88 1.90 -0.78	35.52 1.98 -0.47	32.83 1.76 -2.30	31.12 1.69 -0.20	29.01 1.50 -2.07	27.30 1.37 -0.52	26.80 1.34 -0.09
CPV_VALLEY__CC2 323722	32.12 1.41 0.00	29.50 1.30 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.51 1.16 0.00	30.80 1.33 0.00	39.03 1.93 0.00	40.93 2.15 -0.44	36.28 1.98 -0.76	31.72 1.65 0.00	27.51 1.46 0.00	26.31 1.18 0.00	25.80 0.92 0.00	26.07 1.03 0.00	26.48 1.26 0.00	27.82 1.52 0.00	31.21 1.70 -0.19	34.88 1.90 -0.78	35.52 1.98 -0.47	32.83 1.76 -2.30	31.12 1.69 -0.20	29.01 1.50 -2.07	27.30 1.37 -0.52	26.80 1.34 -0.09
CRESCENT__HYD 24018	32.21 1.50 0.00	29.58 1.38 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.66 1.30 0.00	30.80 1.33 0.00	38.88 1.78 0.00	41.09 2.11 -0.63	36.48 1.84 -1.09	31.63 1.56 0.00	27.35 1.30 0.00	26.16 1.03 0.00	25.63 0.75 0.00	25.92 0.88 0.00	26.43 1.21 0.00	27.72 1.42 0.00	31.14 1.55 -0.27	35.02 1.71 -1.11	35.49 1.75 -0.67	33.59 1.52 -3.28	31.06 1.55 -0.29	29.72 1.32 -2.96	27.52 1.37 -0.74	26.84 1.34 -0.12
CRICKET__VALLEY_CC1 323756	32.58 1.87 0.00	29.92 1.72 0.00	29.74 1.66 0.00	29.82 1.66 0.00	29.94 1.59 0.00	31.18 1.71 0.00	39.37 2.26 0.00	41.41 2.53 -0.54	36.82 2.35 -0.93	32.11 2.05 0.00	27.82 1.77 0.00	26.56 1.43 0.00	26.00 1.12 0.00	26.29 1.25 0.00	26.86 1.64 0.00	28.19 1.89 0.00	31.63 2.08 -0.23	35.47 2.32 -0.94	36.02 2.38 -0.57	33.71 2.13 -2.79	31.55 2.08 -0.24	29.79 1.83 -2.52	27.77 1.73 -0.63	27.15 1.67 -0.10
CRICKET__VALLEY_CC2 323757	32.58 1.87 0.00	29.92 1.72 0.00	29.74 1.66 0.00	29.82 1.66 0.00	29.94 1.59 0.00	31.18 1.71 0.00	39.37 2.26 0.00	41.41 2.53 -0.54	36.82 2.35 -0.93	32.11 2.05 0.00	27.82 1.77 0.00	26.56 1.43 0.00	26.00 1.12 0.00	26.29 1.25 0.00	26.86 1.64 0.00	28.19 1.89 0.00	31.63 2.08 -0.23	35.47 2.32 -0.94	36.02 2.38 -0.57	33.71 2.13 -2.79	31.55 2.08 -0.24	29.79 1.83 -2.52	27.77 1.73 -0.63	27.15 1.67 -0.10
CRICKET__VALLEY_CC3 323758	32.58 1.87 0.00	29.92 1.72 0.00	29.74 1.66 0.00	29.82 1.66 0.00	29.94 1.59 0.00	31.18 1.71 0.00	39.37 2.26 0.00	41.41 2.53 -0.54	36.82 2.35 -0.93	32.11 2.05 0.00	27.82 1.77 0.00	26.56 1.43 0.00	26.00 1.12 0.00	26.29 1.25 0.00	26.86 1.64 0.00	28.19 1.89 0.00	31.63 2.08 -0.23	35.47 2.32 -0.94	36.02 2.38 -0.57	33.71 2.13 -2.79	31.55 2.08 -0.24	29.79 1.83 -2.52	27.77 1.73 -0.63	27.15 1.67 -0.10
CRUCIBLE__METL_DRP 24180	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01
DAHOWA__HYDRO 323763	32.15 1.44 0.00	29.53 1.33 0.00	29.35 1.26 0.00	29.40 1.24 0.00	29.60 1.25 0.00	30.83 1.36 0.00	39.07 1.97 0.00	41.33 2.34 -0.64	36.53 1.88 -1.10	31.51 1.44 0.00	27.19 1.14 0.00	25.99 0.85 0.00	25.43 0.55 0.00	25.72 0.68 0.00	26.23 1.01 0.00	27.59 1.29 0.00	31.18 1.58 -0.27	35.10 1.77 -1.12	35.56 1.82 -0.68	33.69 1.58 -3.33	31.15 1.64 -0.29	29.76 1.32 -3.01	27.68 1.52 -0.75	26.96 1.47 -0.12
DANC__LFGE 323619	30.34 -0.37 0.00	27.83 -0.37 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	28.01 -0.34 0.00	29.24 -0.24 0.00	36.73 -0.37 0.00	38.04 -0.35 -0.04	33.14 -0.47 -0.07	29.61 -0.45 0.00	25.58 -0.47 0.00	24.53 -0.60 0.00	24.21 -0.67 0.00	24.41 -0.63 0.00	24.59 -0.63 0.00	25.80 -0.50 0.00	28.87 -0.47 -0.02	31.86 -0.42 -0.07	32.75 -0.36 -0.04	28.70 -0.29 -0.21	28.84 -0.41 -0.02	25.16 -0.46 -0.19	24.97 -0.48 -0.05	24.89 -0.48 -0.01
DANSKAMMER__1 23586	32.89 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.19 1.84 0.00	31.51 2.03 0.00	40.00 2.90 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.38 2.32 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.17 1.29 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.80 2.34 -0.23	29.84 2.01 -2.40	27.89 1.88 -0.60	27.30 1.83 -0.10
DANSKAMMER__2 23589	32.89 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.19 1.84 0.00	31.51 2.03 0.00	40.00 2.90 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.38 2.32 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.17 1.29 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.80 2.34 -0.23	29.84 2.01 -2.40	27.89 1.88 -0.60	27.30 1.83 -0.10
DANSKAMMER__3 23590	32.89 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.19 1.84 0.00	31.51 2.03 0.00	40.00 2.90 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.38 2.32 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.17 1.29 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.80 2.34 -0.23	29.84 2.01 -2.40	27.89 1.88 -0.60	27.30 1.83 -0.10

DANSKAMMER___4 23591	32.89 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.19 1.84 0.00	31.51 2.03 0.00	40.00 2.90 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.38 2.32 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.17 1.29 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.80 2.34 -0.23	29.84 2.01 -2.40	27.89 1.88 -0.60	27.30 1.83 -0.10
DANSKAMMER___DIESEL 23592	32.88 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.28 1.93 0.00	31.51 2.03 0.00	39.88 2.78 0.00	41.89 3.03 -0.51	37.21 2.78 -0.88	32.32 2.25 0.00	28.03 1.98 0.00	26.74 1.61 0.00	26.20 1.32 0.00	26.39 1.35 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.85 2.32 -0.22	35.74 2.64 -0.90	36.32 2.71 -0.54	33.85 2.42 -2.65	31.83 2.37 -0.23	29.81 1.98 -2.40	27.91 1.91 -0.60	27.24 1.78 -0.10
DARBY___SOLAR 323810	32.15 1.44 0.00	29.53 1.33 0.00	29.35 1.26 0.00	29.43 1.27 0.00	29.63 1.28 0.00	30.83 1.36 0.00	39.07 1.97 0.00	41.29 2.30 -0.64	36.56 1.91 -1.10	31.57 1.50 0.00	27.25 1.20 0.00	26.04 0.90 0.00	25.50 0.62 0.00	25.79 0.75 0.00	26.30 1.08 0.00	27.64 1.34 0.00	31.20 1.61 -0.27	35.10 1.77 -1.12	35.56 1.82 -0.68	33.68 1.58 -3.32	31.15 1.64 -0.29	29.78 1.35 -3.00	27.66 1.50 -0.75	26.94 1.45 -0.12
DASHVILLE___HYD 23610	32.67 1.97 0.00	29.98 1.78 0.00	29.83 1.74 0.00	29.88 1.72 0.00	30.05 1.70 0.00	31.33 1.86 0.00	39.62 2.52 0.00	41.09 2.22 -0.52	36.53 2.08 -0.90	32.11 2.04 0.00	27.85 1.80 0.00	26.56 1.43 0.00	26.00 1.12 0.00	26.22 1.18 0.00	26.71 1.49 0.00	28.14 1.84 0.00	31.54 1.99 -0.22	35.09 1.96 -0.92	35.67 2.05 -0.56	33.32 1.81 -2.73	31.42 1.96 -0.24	29.35 1.45 -2.46	27.37 1.35 -0.62	27.02 1.55 -0.10
DEERFIELD_69_KV_DEERFIELD LD 355887	40.08 4.02 -5.36	33.66 3.67 -1.79	31.62 3.54 0.00	31.68 3.52 0.00	32.67 3.57 -0.74	42.02 3.80 -8.74	49.97 5.34 -7.52	56.80 5.94 -12.51	44.97 5.13 -6.29	34.03 3.97 0.00	29.49 3.44 0.00	28.20 3.07 0.00	27.47 2.59 0.00	27.72 2.68 0.00	28.19 2.98 0.00	36.38 3.81 -6.27	42.92 4.49 -9.11	55.56 5.09 -18.26	62.14 5.26 -23.81	51.59 4.69 -18.11	43.17 4.53 -9.41	40.92 3.76 -11.72	37.68 3.63 -8.64	32.94 3.37 -4.20
DELAWARE___LFGE 323621	32.09 1.38 0.00	29.47 1.27 0.00	29.26 1.18 0.00	29.37 1.21 0.00	29.57 1.22 0.00	30.89 1.41 0.00	38.99 1.89 0.00	40.60 2.03 -0.22	35.67 1.74 -0.38	31.60 1.53 0.00	27.32 1.28 0.00	26.16 1.03 0.00	25.73 0.85 0.00	25.92 0.88 0.00	26.25 1.03 0.00	27.61 1.31 0.00	30.88 1.47 -0.09	34.28 1.67 -0.40	35.06 1.75 -0.24	31.54 1.58 -1.18	30.85 1.52 -0.10	27.74 1.25 -1.06	26.87 1.19 -0.27	26.45 1.04 -0.04
DERFIELD_115KV_TB7 355931	31.01 0.31 0.00	28.48 0.28 0.00	28.34 0.25 0.00	28.42 0.25 0.00	28.61 0.26 0.00	29.77 0.29 0.00	37.47 0.37 0.00	38.73 0.38 0.00	33.88 0.34 0.00	30.31 0.24 0.00	26.28 0.23 0.00	25.28 0.15 0.00	24.95 0.07 0.00	25.14 0.10 0.00	25.39 0.18 0.00	26.53 0.24 0.00	29.59 0.26 0.00	32.59 0.39 0.00	33.46 0.40 0.00	29.13 0.35 0.00	29.55 0.32 0.00	25.71 0.28 0.00	25.69 0.28 0.00	25.60 0.23 0.00
DOGLEVILLE___HYD 23807	31.32 0.61 0.00	28.74 0.53 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.83 0.48 0.00	30.01 0.53 0.00	37.77 0.67 0.00	38.84 0.50 0.00	33.91 0.37 0.00	30.37 0.30 0.00	26.31 0.26 0.00	25.38 0.25 0.00	25.05 0.18 0.00	25.24 0.20 0.00	25.50 0.28 0.00	26.61 0.32 0.00	29.53 0.21 0.00	32.43 0.23 0.00	33.23 0.17 0.00	28.90 0.12 0.00	29.29 0.06 0.00	25.56 0.13 0.00	25.54 0.13 0.00	25.52 0.15 0.00
DUNKIRK___115KV_TB_200 55889	29.23 -1.47 0.00	26.96 -1.24 0.00	26.48 -1.60 0.00	26.59 -1.58 0.00	26.79 -1.56 0.00	28.77 -0.71 0.00	35.54 -1.56 0.00	36.29 -2.15 -0.09	31.51 -2.18 -0.15	29.04 -1.02 0.00	25.29 -0.76 0.00	24.15 -0.98 0.00	23.66 -1.22 0.00	23.91 -1.13 0.00	23.88 -1.34 0.00	24.80 -1.50 0.00	27.07 -2.29 -0.04	29.59 -2.77 -0.15	30.22 -2.94 -0.09	27.02 -2.22 -0.45	26.78 -2.48 -0.04	23.63 -2.21 -0.41	23.32 -2.19 -0.10	22.77 -2.61 -0.02
DUNKIRK___1 23563	29.23 -1.47 0.00	26.96 -1.24 0.00	26.48 -1.60 0.00	26.59 -1.58 0.00	26.79 -1.56 0.00	28.77 -0.71 0.00	35.54 -1.56 0.00	36.29 -2.15 -0.09	31.51 -2.18 -0.15	29.04 -1.02 0.00	25.29 -0.76 0.00	24.15 -0.98 0.00	23.66 -1.22 0.00	23.91 -1.13 0.00	23.88 -1.34 0.00	24.80 -1.50 0.00	27.07 -2.29 -0.04	29.59 -2.77 -0.15	30.22 -2.94 -0.09	27.02 -2.22 -0.45	26.78 -2.48 -0.04	23.63 -2.21 -0.41	23.32 -2.19 -0.10	22.77 -2.61 -0.02
DUNKIRK___2 23564	29.23 -1.47 0.00	26.96 -1.24 0.00	26.48 -1.60 0.00	26.59 -1.58 0.00	26.79 -1.56 0.00	28.77 -0.71 0.00	35.54 -1.56 0.00	36.29 -2.15 -0.09	31.51 -2.18 -0.15	29.04 -1.02 0.00	25.29 -0.76 0.00	24.15 -0.98 0.00	23.66 -1.22 0.00	23.91 -1.13 0.00	23.88 -1.34 0.00	24.80 -1.50 0.00	27.07 -2.29 -0.04	29.59 -2.77 -0.15	30.22 -2.94 -0.09	27.02 -2.22 -0.45	26.78 -2.48 -0.04	23.63 -2.21 -0.41	23.32 -2.19 -0.10	22.77 -2.61 -0.02
DUNKIRK___3 23565	29.17 -1.54 0.00	26.90 -1.30 0.00	26.43 -1.66 0.00	26.56 -1.61 0.00	26.76 -1.59 0.00	28.68 -0.80 0.00	35.47 -1.63 0.00	36.17 -2.26 -0.09	31.45 -2.25 -0.15	28.95 -1.11 0.00	25.24 -0.81 0.00	24.10 -1.03 0.00	23.59 -1.29 0.00	23.84 -1.20 0.00	23.81 -1.41 0.00	24.77 -1.53 0.00	27.07 -2.29 -0.04	29.62 -2.74 -0.15	30.25 -2.91 -0.09	27.07 -2.16 -0.45	26.84 -2.43 -0.04	23.70 -2.14 -0.41	23.38 -2.13 -0.10	22.85 -2.54 -0.02
DUNKIRK___4 23566	29.14 -1.57 0.00	26.88 -1.33 0.00	26.43 -1.66 0.00	26.53 -1.63 0.00	26.71 -1.64 0.00	28.68 -0.80 0.00	35.43 -1.67 0.00	36.13 -2.30 -0.09	31.41 -2.28 -0.15	28.95 -1.11 0.00	25.21 -0.83 0.00	24.08 -1.06 0.00	23.56 -1.32 0.00	23.81 -1.23 0.00	23.78 -1.44 0.00	24.72 -1.58 0.00	26.98 -2.38 -0.04	29.52 -2.83 -0.15	30.15 -3.01 -0.09	26.98 -2.24 -0.44	26.72 -2.54 -0.04	23.59 -2.24 -0.40	23.30 -2.21 -0.10	22.75 -2.64 -0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.85 2.15 0.00	30.18 1.97 0.00	29.99 1.91 0.00	30.02 1.86 0.00	30.22 1.87 0.00	31.45 1.97 0.00	39.85 2.75 0.00	42.07 3.22 -0.51	37.40 2.99 -0.87	32.53 2.47 0.00	28.26 2.19 -0.02	27.00 1.86 -0.01	26.46 1.57 -0.02	26.67 1.60 -0.02	27.16 1.92 -0.03	28.63 2.31 -0.02	32.15 2.58 -0.25	35.98 2.83 -0.94	36.58 2.94 -0.57	34.06 2.62 -2.66	32.00 2.54 -0.23	29.99 2.19 -2.38	28.11 2.11 -0.59	27.42 1.95 -0.10
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.61 1.90 0.00	29.95 1.75 0.00	29.77 1.69 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.27 1.80 0.00	39.55 2.45 0.00	41.56 2.72 -0.49	36.91 2.52 -0.85	32.11 2.04 0.00	27.85 1.80 0.00	26.61 1.48 0.00	26.07 1.19 0.00	26.27 1.23 0.00	26.76 1.54 0.00	28.16 1.87 0.00	31.64 2.11 -0.21	35.46 2.38 -0.87	36.04 2.45 -0.53	33.54 2.19 -2.57	31.59 2.13 -0.22	29.56 1.81 -2.32	27.74 1.75 -0.58	27.06 1.60 -0.10

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.95 2.24 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.02 1.86 0.00	30.25 1.90 0.00	31.27 1.80 0.00	39.74 2.63 0.00	42.00 3.14 -0.51	37.37 2.95 -0.87	32.50 2.44 0.00	28.30 2.19 -0.07	27.05 1.88 -0.03	26.52 1.59 -0.05	26.74 1.63 -0.08	27.23 1.92 -0.10	28.66 2.31 -0.05	32.24 2.58 -0.34	36.14 2.87 -1.07	36.70 2.98 -0.66	34.17 2.65 -2.74	31.97 2.51 -0.23	29.97 2.16 -2.38	28.19 2.19 -0.59	27.62 2.16 -0.10
E179THST_13_KV_LOAD 356214	33.07 2.36 0.00	30.32 2.12 0.00	30.13 2.05 0.00	30.13 1.97 0.00	30.36 2.01 0.00	31.39 1.92 0.00	39.88 2.78 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	28.41 2.29 -0.07	27.18 2.01 -0.03	26.64 1.72 -0.05	26.84 1.73 -0.08	27.36 2.04 -0.10	28.79 2.45 -0.05	32.39 2.73 -0.34	36.30 3.03 -1.07	36.87 3.14 -0.66	34.31 2.79 -2.74	32.09 2.63 -0.23	30.07 2.26 -2.38	28.29 2.29 -0.59	27.73 2.26 -0.10
EAST HAMPTON___GT 23717	40.42 4.36 -5.36	33.91 3.92 -1.79	31.90 3.82 0.00	31.99 3.83 0.00	32.90 3.80 -0.74	42.37 4.16 -8.74	50.52 5.90 -7.52	57.30 6.44 -12.51	45.37 5.53 -6.29	34.33 4.27 0.00	29.75 3.70 0.00	28.45 3.32 0.00	27.69 2.81 0.00	27.99 2.95 0.00	28.47 3.25 0.00	36.64 4.08 -6.27	43.27 4.84 -9.11	56.01 5.54 -18.26	62.50 5.62 -23.81	51.96 5.07 -18.11	43.55 4.91 -9.41	41.27 4.12 -11.72	37.91 3.86 -8.64	33.32 3.75 -4.20
EAST RIVER___6 23660	32.89 2.18 0.00	30.12 1.92 0.00	30.00 1.91 0.00	30.05 1.89 0.00	30.11 1.76 0.00	31.42 1.94 0.00	40.11 3.00 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.37 -1.91	28.25 2.03 -1.08	28.01 1.72 -1.41	29.02 1.83 -2.16	30.04 2.14 -2.68	30.27 2.50 -1.47	35.70 2.79 -3.59	40.94 3.09 -5.64	40.13 3.17 -3.89	37.17 2.82 -5.57	32.09 2.63 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.58 2.10 -0.11
EAST RIVER___7 23524	32.89 2.18 0.00	30.12 1.92 0.00	30.00 1.91 0.00	30.05 1.89 0.00	30.11 1.76 0.00	31.42 1.94 0.00	40.11 3.00 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.37 -1.91	28.25 2.03 -1.08	28.01 1.72 -1.41	29.02 1.83 -2.16	30.04 2.14 -2.68	30.27 2.50 -1.47	35.70 2.79 -3.59	40.94 3.09 -5.64	40.13 3.17 -3.89	37.17 2.82 -5.57	32.09 2.63 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.58 2.10 -0.11
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.79 2.09 0.00	30.12 1.92 0.00	29.94 1.85 0.00	29.99 1.83 0.00	30.19 1.84 0.00	31.39 1.92 0.00	39.77 2.67 0.00	41.96 3.11 -0.50	37.30 2.88 -0.87	32.44 2.38 0.00	28.18 2.14 0.00	26.92 1.78 0.00	26.37 1.49 0.00	26.59 1.55 0.00	27.08 1.87 0.00	28.53 2.24 0.00	32.03 2.49 -0.21	35.86 2.77 -0.88	36.45 2.84 -0.54	33.93 2.53 -2.62	31.91 2.46 -0.23	29.91 2.11 -2.37	28.03 2.03 -0.59	27.34 1.88 -0.10
EAST_HAMPTON___DIESEL 23722	40.42 4.36 -5.36	33.91 3.92 -1.79	31.93 3.85 0.00	31.99 3.83 0.00	32.90 3.80 -0.74	42.37 4.16 -8.74	50.52 5.90 -7.52	57.30 6.44 -12.51	45.37 5.53 -6.29	34.36 4.30 0.00	29.75 3.70 0.00	28.45 3.32 0.00	27.69 2.81 0.00	27.99 2.95 0.00	28.47 3.25 0.00	36.64 4.08 -6.27	43.27 4.84 -9.11	56.01 5.54 -18.26	62.50 5.62 -23.81	51.96 5.07 -18.11	43.55 4.91 -9.41	41.27 4.12 -11.72	37.91 3.86 -8.64	33.32 3.75 -4.20
EAST_PULASKI___ESR 323781	30.06 -0.64 0.00	27.58 -0.62 0.00	27.41 -0.67 0.00	27.52 -0.65 0.00	27.70 -0.65 0.00	28.94 -0.53 0.00	36.40 -0.70 0.00	37.62 -0.77 -0.05	32.89 -0.74 -0.08	29.43 -0.63 0.00	25.45 -0.60 0.00	24.43 -0.70 0.00	24.08 -0.80 0.00	24.29 -0.75 0.00	24.46 -0.76 0.00	25.64 -0.66 0.00	28.64 -0.70 -0.02	31.58 -0.71 -0.08	32.49 -0.63 -0.05	28.50 -0.52 -0.24	28.63 -0.61 -0.02	25.04 -0.61 -0.21	24.83 -0.64 -0.05	24.59 -0.79 -0.01
EAST_RIVER___1 323558	32.98 2.27 0.00	30.20 2.00 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.19 1.84 0.00	31.48 2.01 0.00	40.14 3.04 0.00	42.19 3.33 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.37 -1.91	28.25 2.03 -1.08	28.01 1.72 -1.41	29.02 1.83 -2.16	30.04 2.14 -2.68	30.24 2.47 -1.47	35.67 2.76 -3.59	40.91 3.06 -5.64	40.13 3.17 -3.89	37.17 2.82 -5.57	32.12 2.66 -0.23	30.17 2.37 -2.37	28.21 2.21 -0.59	27.66 2.18 -0.11
EAST_RIVER___2 323559	32.89 2.18 0.00	30.12 1.92 0.00	30.00 1.91 0.00	30.05 1.89 0.00	30.11 1.76 0.00	31.42 1.94 0.00	40.11 3.00 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.37 -1.91	28.25 2.03 -1.08	28.01 1.72 -1.41	29.02 1.83 -2.16	30.04 2.14 -2.68	30.27 2.50 -1.47	35.70 2.79 -3.59	40.94 3.09 -5.64	40.13 3.17 -3.89	37.17 2.82 -5.57	32.09 2.63 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.58 2.10 -0.11
EAST___DELAWARE_HYD 23607	32.21 1.50 0.00	29.56 1.35 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.60 1.25 0.00	30.95 1.47 0.00	39.33 2.23 0.00	41.03 2.22 -0.46	36.38 2.05 -0.79	31.69 1.62 0.00	27.38 1.33 0.00	26.09 0.95 0.00	24.88 0.00 0.00	25.12 0.08 0.00	25.60 0.38 0.00	26.96 0.66 0.00	30.37 0.85 -0.19	34.14 1.13 -0.81	34.71 1.16 -0.49	32.23 1.07 -2.39	31.16 1.72 -0.21	29.01 1.42 -2.16	27.19 1.24 -0.54	26.65 1.19 -0.09
EIGHT_POINT___WT_PWR 323820	31.63 0.92 0.00	29.08 0.88 0.00	28.76 0.67 0.00	28.84 0.67 0.00	29.26 0.91 0.00	30.86 1.39 0.00	38.51 1.41 0.00	39.84 1.38 -0.12	34.92 1.17 -0.20	31.33 1.26 0.00	27.12 1.07 0.00	25.86 0.73 0.00	25.38 0.50 0.00	25.59 0.55 0.00	25.72 0.50 0.00	26.96 0.66 0.00	29.93 0.56 -0.05	32.93 0.51 -0.21	33.79 0.60 -0.13	29.88 0.49 -0.61	29.57 0.29 -0.05	26.06 0.08 -0.56	25.47 -0.08 -0.14	25.27 -0.13 -0.02
ELBRIDGE_115KV_TB2 80188	30.12 -0.58 0.00	27.69 -0.51 0.00	27.49 -0.59 0.00	27.57 -0.59 0.00	27.78 -0.57 0.00	29.12 -0.35 0.00	36.55 -0.56 0.00	37.80 -0.61 -0.06	33.12 -0.54 -0.11	29.64 -0.42 0.00	25.66 -0.39 0.00	24.60 -0.53 0.00	24.23 -0.65 0.00	24.44 -0.60 0.00	24.64 -0.58 0.00	25.80 -0.50 0.00	28.79 -0.56 -0.03	31.77 -0.55 -0.11	32.64 -0.50 -0.07	28.71 -0.40 -0.33	28.76 -0.50 -0.03	25.25 -0.48 -0.30	24.95 -0.53 -0.08	24.65 -0.74 -0.01
ELEC_TRO_TEK 24086	38.73 2.67 -5.36	32.42 2.43 -1.79	30.42 2.33 0.00	30.47 2.31 0.00	31.45 2.35 -0.74	40.69 2.48 -8.74	47.92 3.30 -7.52	54.65 3.80 -12.51	43.36 3.52 -6.29	32.86 2.80 0.00	28.52 2.47 0.00	27.27 2.14 0.00	26.65 1.77 0.00	26.87 1.83 0.00	27.34 2.12 0.00	35.27 2.71 -6.27	41.42 2.99 -9.11	53.82 3.35 -18.26	60.34 3.47 -23.81	49.97 3.08 -18.11	41.59 2.95 -9.41	39.72 2.57 -11.71	36.56 2.52 -8.64	31.90 2.33 -4.20
ELLENBURG_WT_PWR 323604	31.50 0.80 0.00	28.93 0.73 0.00	28.87 0.79 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.73 0.63 0.00	38.96 0.61 0.00	34.05 0.50 0.00	30.52 0.45 0.00	26.31 0.26 0.00	25.59 0.45 0.00	25.58 0.70 0.00	25.62 0.58 0.00	25.54 0.33 0.00	26.48 0.19 0.00	29.53 0.21 0.00	32.27 0.06 0.00	33.00 -0.07 0.00	28.41 -0.37 0.00	28.91 -0.32 0.00	25.08 -0.36 0.00	24.98 -0.43 0.00	25.12 -0.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.77 -1.93 0.00	26.57 -1.64 0.00	26.12 -1.97 0.00	26.22 -1.94 0.00	26.37 -1.98 0.00	28.30 -1.18 0.00	34.91 -2.19 0.00	35.55 -2.88 -0.08	30.94 -2.75 -0.14	28.44 -1.62 0.00	24.80 -1.25 0.00	23.70 -1.43 0.00	23.19 -1.69 0.00	23.46 -1.58 0.00	23.43 -1.79 0.00	24.38 -1.92 0.00	26.66 -2.70 -0.03	29.23 -3.12 -0.14	29.91 -3.24 -0.09	26.82 -2.39 -0.42	26.58 -2.69 -0.04	23.48 -2.34 -0.38	23.22 -2.29 -0.10	22.59 -2.79 -0.02
EMPIRE_CC_1 323656	32.15 1.44 0.00	29.53 1.33 0.00	29.35 1.26 0.00	29.43 1.27 0.00	29.60 1.25 0.00	30.60 1.12 0.00	38.48 1.37 0.00	40.56 1.61 -0.60	36.06 1.47 -1.04	31.39 1.32 0.00	27.22 1.17 0.00	26.04 0.90 0.00	25.50 0.62 0.00	25.79 0.75 0.00	26.33 1.11 0.00	27.59 1.29 0.00	30.84 1.26 -0.25	34.61 1.35 -1.06	35.09 1.39 -0.64	33.14 1.24 -3.13	30.76 1.26 -0.27	29.37 1.12 -2.82	27.33 1.22 -0.71	26.68 1.19 -0.12
EMPIRE_CC_2 323658	32.15 1.44 0.00	29.53 1.33 0.00	29.35 1.26 0.00	29.43 1.27 0.00	29.60 1.25 0.00	30.60 1.12 0.00	38.48 1.37 0.00	40.56 1.61 -0.60	36.06 1.47 -1.04	31.39 1.32 0.00	27.22 1.17 0.00	26.04 0.90 0.00	25.50 0.62 0.00	25.79 0.75 0.00	26.33 1.11 0.00	27.59 1.29 0.00	30.84 1.26 -0.25	34.61 1.35 -1.06	35.09 1.39 -0.64	33.14 1.24 -3.13	30.76 1.26 -0.27	29.37 1.12 -2.82	27.33 1.22 -0.71	26.68 1.19 -0.12
ENORWICH_115KV_TB1 80156	33.81 3.10 0.00	30.99 2.79 0.00	30.75 2.67 0.00	30.89 2.73 0.00	31.22 2.86 0.00	32.95 3.48 0.00	41.55 4.45 0.00	43.00 4.49 -0.17	37.39 3.56 -0.29	33.10 3.04 0.00	28.37 2.32 0.00	26.99 1.86 0.00	26.55 1.67 0.00	26.77 1.73 0.00	27.06 1.84 0.00	28.66 2.37 0.00	32.30 2.90 -0.07	35.88 3.38 -0.29	36.91 3.67 -0.18	32.82 3.17 -0.87	32.26 2.95 -0.08	28.43 2.21 -0.78	27.74 2.13 -0.20	27.25 1.85 -0.03
ERIE_ST__34_KV_TB1-2 80199	29.14 -1.57 0.00	26.88 -1.33 0.00	26.40 -1.69 0.00	26.53 -1.63 0.00	26.71 -1.64 0.00	28.62 -0.85 0.00	35.39 -1.71 0.00	35.63 -2.80 -0.09	30.97 -2.72 -0.15	28.89 -1.17 0.00	25.16 -0.89 0.00	24.03 -1.11 0.00	23.51 -1.37 0.00	23.76 -1.28 0.00	23.75 -1.46 0.00	24.72 -1.58 0.00	26.81 -2.55 -0.04	29.23 -3.12 -0.15	29.92 -3.24 -0.09	26.78 -2.45 -0.44	26.61 -2.66 -0.04	23.41 -2.42 -0.40	23.12 -2.39 -0.10	22.87 -2.51 -0.02
ERIE_WT_PWR 323693	29.02 -1.69 0.00	26.85 -1.35 0.00	26.29 -1.80 0.00	26.39 -1.77 0.00	26.96 -1.39 0.00	28.50 -0.97 0.00	34.62 -2.49 0.00	35.78 -2.65 -0.08	31.11 -2.58 -0.14	28.44 -1.62 0.00	25.03 -1.02 0.00	23.90 -1.23 0.00	23.49 -1.39 0.00	23.66 -1.38 0.00	23.63 -1.59 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.36 -2.99 -0.15	30.01 -3.14 -0.09	26.91 -2.30 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.35 -2.16 -0.10	23.41 -1.98 -0.02
ESPRGFLD_115KV_TB1 80157	32.82 2.12 0.00	30.12 1.92 0.00	29.91 1.83 0.00	30.02 1.86 0.00	30.28 1.93 0.00	31.80 2.33 0.00	40.29 3.19 0.00	41.59 3.26 0.02	36.19 2.68 0.03	32.29 2.22 0.00	27.82 1.77 0.00	26.61 1.48 0.00	26.15 1.27 0.00	26.39 1.35 0.00	26.71 1.49 0.00	28.16 1.87 0.00	31.57 2.26 0.01	34.84 2.61 -0.02	35.82 2.74 -0.01	31.26 2.42 -0.06	31.57 2.34 -0.01	27.39 1.91 -0.05	27.15 1.73 -0.01	26.89 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.32 0.61 0.00	28.74 0.54 0.00	28.56 0.48 0.00	28.64 0.48 0.00	28.89 0.54 0.00	30.33 0.85 0.00	38.14 1.04 0.00	39.47 1.00 -0.12	34.56 0.81 -0.21	30.76 0.69 0.00	26.57 0.52 0.00	25.43 0.30 0.00	25.03 0.15 0.00	25.22 0.18 0.00	25.44 0.23 0.00	26.72 0.42 0.00	29.93 0.56 -0.05	33.13 0.71 -0.22	34.02 0.83 -0.13	30.17 0.75 -0.64	29.90 0.61 -0.06	26.42 0.41 -0.58	25.86 0.30 -0.14	25.52 0.13 -0.02
ETNA____115KV_TB2 80207	31.32 0.61 0.00	28.74 0.54 0.00	28.56 0.48 0.00	28.64 0.48 0.00	28.89 0.54 0.00	30.33 0.85 0.00	38.14 1.04 0.00	39.47 1.00 -0.12	34.56 0.81 -0.21	30.76 0.69 0.00	26.57 0.52 0.00	25.43 0.30 0.00	25.03 0.15 0.00	25.22 0.18 0.00	25.44 0.23 0.00	26.72 0.42 0.00	29.93 0.56 -0.05	33.13 0.71 -0.22	34.02 0.83 -0.13	30.17 0.75 -0.64	29.90 0.61 -0.06	26.42 0.41 -0.58	25.86 0.30 -0.14	25.52 0.13 -0.02
EUCLID___115KV_TB2 356179	29.88 -0.83 0.00	27.44 -0.76 0.00	27.27 -0.81 0.00	27.35 -0.82 0.00	27.53 -0.82 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.40 -1.00 -0.05	32.73 -0.91 -0.09	29.31 -0.75 0.00	25.42 -0.63 0.00	24.40 -0.73 0.00	24.03 -0.85 0.00	24.24 -0.80 0.00	24.41 -0.81 0.00	25.56 -0.74 0.00	28.52 -0.82 -0.02	31.50 -0.81 -0.09	32.33 -0.79 -0.06	28.42 -0.63 -0.28	28.52 -0.73 -0.02	25.00 -0.69 -0.25	24.76 -0.71 -0.06	24.47 -0.91 -0.01
E_CANADA_CAP_HY 24051	33.10 2.40 0.00	30.43 2.23 0.00	30.22 2.13 0.00	30.30 2.14 0.00	30.56 2.21 0.00	32.07 2.59 0.00	40.70 3.60 0.00	42.82 3.72 -0.75	37.83 2.98 -1.30	32.44 2.37 0.00	27.92 1.88 0.00	26.74 1.61 0.00	26.25 1.37 0.00	26.52 1.48 0.00	26.91 1.69 0.00	28.40 2.10 0.00	32.16 2.52 -0.32	36.44 2.93 -1.30	36.86 3.01 -0.79	35.28 2.65 -3.85	32.20 2.63 -0.34	31.15 2.24 -3.48	28.31 2.03 -0.87	27.44 1.93 -0.14
E_CANADA_MHWK_HY 24050	31.32 0.61 0.00	28.74 0.53 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.83 0.48 0.00	30.01 0.53 0.00	37.77 0.67 0.00	38.84 0.50 0.00	33.91 0.37 0.00	30.37 0.30 0.00	26.31 0.26 0.00	25.38 0.25 0.00	25.05 0.18 0.00	25.24 0.20 0.00	25.50 0.28 0.00	26.61 0.32 0.00	29.53 0.21 0.00	32.43 0.23 0.00	33.23 0.17 0.00	28.90 0.12 0.00	29.29 0.06 0.00	25.56 0.13 0.00	25.54 0.13 0.00	25.52 0.15 0.00
E_FISHKILL___LBMP 23776	32.61 1.90 0.00	29.92 1.72 0.00	29.74 1.66 0.00	29.82 1.66 0.00	30.00 1.64 0.00	31.18 1.71 0.00	39.44 2.34 0.00	41.59 2.72 -0.52	36.96 2.52 -0.90	32.14 2.07 0.00	27.90 1.85 0.00	26.67 1.53 0.00	26.12 1.24 0.00	26.34 1.30 0.00	26.83 1.61 0.00	28.24 1.95 0.00	31.71 2.17 -0.22	35.54 2.42 -0.91	36.10 2.48 -0.55	33.71 2.22 -2.71	31.60 2.13 -0.24	29.74 1.86 -2.45	27.82 1.80 -0.61	27.12 1.65 -0.10
FALCON___SEABRD_CC1 323796	31.99 1.29 0.00	29.36 1.16 0.00	29.32 1.23 0.00	29.43 1.27 0.00	29.60 1.25 0.00	30.71 1.24 0.00	38.10 1.00 0.00	39.38 1.04 0.00	34.38 0.84 0.00	30.82 0.75 0.00	26.57 0.52 0.00	25.81 0.68 0.00	25.80 0.92 0.00	25.84 0.80 0.00	25.75 0.53 0.00	26.72 0.42 0.00	29.79 0.47 0.00	32.56 0.35 0.00	33.30 0.23 0.00	28.64 -0.14 0.00	29.11 -0.12 0.00	25.23 -0.20 0.00	25.13 -0.28 0.00	25.45 0.08 0.00
FALCON___SEABRD_CC2 323797	31.99 1.29 0.00	29.36 1.16 0.00	29.32 1.23 0.00	29.43 1.27 0.00	29.60 1.25 0.00	30.71 1.24 0.00	38.10 1.00 0.00	39.38 1.04 0.00	34.38 0.84 0.00	30.82 0.75 0.00	26.57 0.52 0.00	25.81 0.68 0.00	25.80 0.92 0.00	25.84 0.80 0.00	25.75 0.53 0.00	26.72 0.42 0.00	29.79 0.47 0.00	32.56 0.35 0.00	33.30 0.23 0.00	28.64 -0.14 0.00	29.11 -0.12 0.00	25.23 -0.20 0.00	25.13 -0.28 0.00	25.45 0.08 0.00

FAR ROCKAWAY___4 23548	39.19 3.13 -5.36	32.87 2.88 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.85 2.75 -0.74	41.16 2.95 -8.74	48.62 4.01 -7.52	55.38 4.52 -12.51	43.89 4.06 -6.29	33.31 3.25 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.24 2.20 0.00	27.71 2.50 0.00	35.67 3.10 -6.27	41.95 3.52 -9.11	54.01 3.54 -18.26	60.57 3.70 -23.80	50.14 3.25 -18.11	42.14 3.51 -9.41	40.15 3.00 -11.71	36.94 2.90 -8.64	32.28 2.71 -4.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.01 2.30 0.00	30.32 2.12 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.35 2.40 -1.91	28.28 2.06 -1.08	28.03 1.74 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.27 2.50 -1.47	35.71 2.79 -3.60	40.95 3.09 -5.65	40.17 3.21 -3.90	37.20 2.85 -5.57	32.15 2.69 -0.23	30.12 2.31 -2.37	28.29 2.29 -0.59	27.60 2.13 -0.10
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.01 2.30 0.00	30.29 2.09 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.35 2.40 -1.91	28.25 2.04 -1.08	28.03 1.74 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.27 2.50 -1.47	35.71 2.79 -3.60	40.95 3.09 -5.65	40.14 3.17 -3.90	37.20 2.85 -5.57	32.15 2.69 -0.23	30.12 2.31 -2.37	28.29 2.29 -0.59	27.60 2.13 -0.10
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.98 2.27 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.33 2.37 -1.91	28.23 2.01 -1.08	28.01 1.72 -1.41	28.98 1.78 -2.16	30.00 2.09 -2.69	30.24 2.47 -1.47	35.68 2.76 -3.60	40.89 3.03 -5.65	40.10 3.14 -3.90	37.15 2.79 -5.57	32.12 2.66 -0.23	30.10 2.29 -2.37	28.24 2.24 -0.59	27.57 2.11 -0.10
FARRAGUT___LBMP 323566	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.30 2.34 -1.91	28.23 2.01 -1.08	27.98 1.69 -1.41	28.95 1.75 -2.16	29.97 2.07 -2.69	30.21 2.45 -1.47	35.65 2.73 -3.60	40.89 3.03 -5.65	40.07 3.11 -3.90	37.15 2.79 -5.57	32.09 2.63 -0.23	30.07 2.26 -2.37	28.24 2.24 -0.59	27.55 2.08 -0.10
FENNER___WINDPWR 24204	31.38 0.67 0.00	28.82 0.62 0.00	28.65 0.56 0.00	28.73 0.56 0.00	29.00 0.65 0.00	30.33 0.86 0.00	38.10 1.00 0.00	39.45 1.04 -0.07	34.47 0.80 -0.12	30.73 0.66 0.00	26.60 0.55 0.00	25.48 0.35 0.00	25.13 0.25 0.00	25.34 0.30 0.00	25.57 0.35 0.00	26.82 0.53 0.00	29.97 0.62 -0.03	33.07 0.74 -0.12	33.97 0.83 -0.07	29.88 0.75 -0.35	29.93 0.67 -0.03	26.23 0.48 -0.32	25.92 0.43 -0.08	25.81 0.43 -0.01
FIBERTEK___ENERGY 23856	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01
FITZPATRICK___ 23598	29.51 -1.20 0.00	27.10 -1.10 0.00	26.93 -1.15 0.00	27.01 -1.16 0.00	27.25 -1.11 0.00	28.42 -1.06 0.00	35.62 -1.49 0.00	36.93 -1.46 -0.04	32.30 -1.31 -0.07	28.89 -1.17 0.00	25.06 -0.99 0.00	24.10 -1.03 0.00	23.79 -1.09 0.00	23.96 -1.08 0.00	24.13 -1.08 0.00	25.22 -1.08 0.00	28.17 -1.17 -0.02	31.05 -1.22 -0.07	31.85 -1.26 -0.04	27.95 -1.03 -0.20	28.13 -1.11 -0.02	24.60 -1.02 -0.18	24.44 -1.02 -0.05	24.39 -0.99 -0.01
FLOWRFLD_69_KV_BK1 356044	39.44 3.38 -5.36	33.07 3.07 -1.79	31.06 2.98 0.00	31.12 2.96 0.00	32.07 2.98 -0.74	41.40 3.18 -8.74	49.00 4.38 -7.52	55.77 4.91 -12.51	44.13 4.29 -6.29	33.37 3.31 0.00	28.94 2.89 0.00	27.67 2.54 0.00	26.99 2.11 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.90 3.34 -6.27	42.27 3.84 -9.11	54.63 4.15 -18.26	61.18 4.30 -23.81	50.84 3.94 -18.11	42.44 3.80 -9.41	40.38 3.23 -11.72	37.18 3.13 -8.64	32.46 2.89 -4.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.95 2.24 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.57 2.09 0.00	39.96 2.86 0.00	41.96 3.11 -0.51	37.28 2.85 -0.88	32.38 2.31 0.00	28.08 2.03 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.40 2.10 0.00	31.91 2.38 -0.22	35.81 2.71 -0.90	36.39 2.78 -0.54	33.92 2.48 -2.66	31.86 2.40 -0.23	29.87 2.03 -2.41	27.97 1.96 -0.60	27.27 1.80 -0.10
FORT ORANGE___ 23900	32.09 1.38 0.00	29.50 1.30 0.00	29.32 1.23 0.00	29.40 1.24 0.00	29.57 1.22 0.00	30.51 1.03 0.00	38.48 1.37 0.00	40.54 1.57 -0.62	35.99 1.38 -1.07	31.30 1.23 0.00	27.14 1.09 0.00	25.99 0.85 0.00	25.48 0.60 0.00	25.77 0.73 0.00	26.23 1.01 0.00	27.51 1.21 0.00	30.87 1.29 -0.26	34.55 1.25 -1.09	35.01 1.29 -0.66	33.12 1.12 -3.22	30.77 1.26 -0.28	29.41 1.07 -2.91	27.46 1.32 -0.73	26.76 1.27 -0.12
FORT_DRUM_COGEN 23780	30.77 0.06 0.00	28.20 0.00 0.00	28.03 -0.06 0.00	28.19 0.03 0.00	28.41 0.06 0.00	29.71 0.24 0.00	37.44 0.33 0.00	38.68 0.31 -0.03	33.60 0.00 -0.05	30.00 -0.06 0.00	25.81 -0.23 0.00	24.73 -0.40 0.00	24.43 -0.45 0.00	24.64 -0.40 0.00	24.81 -0.40 0.00	26.11 -0.18 0.00	29.25 -0.09 -0.01	32.26 0.00 -0.05	33.20 0.10 -0.03	29.03 0.09 -0.16	29.21 -0.03 -0.01	25.35 -0.23 -0.15	25.19 -0.25 -0.04	25.02 -0.36 -0.01
FOX_HILLS___ESR 323835	33.07 2.36 0.00	30.35 2.14 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.36 2.01 0.00	31.39 1.92 0.00	39.85 2.75 0.00	42.07 3.22 -0.51	37.50 3.09 -0.87	32.56 2.50 0.00	30.22 2.24 -1.93	28.19 1.96 -1.09	27.95 1.64 -1.43	28.92 1.70 -2.18	29.92 1.99 -2.71	30.18 2.39 -1.49	35.66 2.70 -3.64	40.97 3.06 -5.70	40.17 3.17 -3.93	37.21 2.82 -5.60	32.06 2.60 -0.23	30.05 2.24 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
FPL_FAR_ROCK_GT1 24212	39.20 3.13 -5.36	32.84 2.85 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.76 2.66 -0.74	41.16 2.95 -8.74	48.73 4.12 -7.52	55.38 4.52 -12.51	43.89 4.06 -6.29	33.34 3.28 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.29 2.25 0.00	27.74 2.52 0.00	35.67 3.10 -6.27	41.95 3.52 -9.11	54.01 3.54 -18.26	60.57 3.70 -23.80	50.14 3.25 -18.11	42.14 3.51 -9.41	40.20 3.05 -11.71	36.89 2.85 -8.64	32.38 2.82 -4.20
FPL_FAR_ROCK_GT2 23815	39.20 3.13 -5.36	32.84 2.85 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.76 2.66 -0.74	41.16 2.95 -8.74	48.73 4.12 -7.52	55.38 4.52 -12.51	43.89 4.06 -6.29	33.34 3.28 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.29 2.25 0.00	27.74 2.52 0.00	35.67 3.10 -6.27	41.95 3.52 -9.11	54.01 3.54 -18.26	60.57 3.70 -23.80	50.14 3.25 -18.11	42.14 3.51 -9.41	40.20 3.05 -11.71	36.89 2.85 -8.64	32.38 2.82 -4.20

FRANKLIN_FALL_HYD 24054	31.60 0.89 0.00	28.99 0.79 0.00	28.96 0.87 0.00	29.09 0.93 0.00	29.26 0.91 0.00	30.30 0.83 0.00	37.95 0.85 0.00	39.23 0.88 0.00	34.28 0.74 0.00	30.70 0.63 0.00	26.44 0.39 0.00	25.66 0.53 0.00	25.65 0.77 0.00	25.74 0.70 0.00	25.65 0.43 0.00	26.56 0.26 0.00	29.62 0.29 0.00	32.40 0.19 0.00	33.13 0.07 0.00	28.52 -0.26 0.00	29.02 -0.20 0.00	25.15 -0.28 0.00	25.08 -0.33 0.00	25.45 0.08 0.00
FREEPORT_EQUS_GT1 23764	38.92 2.86 -5.36	32.59 2.59 -1.79	30.61 2.53 0.00	30.67 2.51 0.00	31.53 2.44 -0.74	40.89 2.68 -8.74	48.33 3.71 -7.52	54.96 4.11 -12.51	43.59 3.76 -6.29	33.07 3.01 0.00	28.68 2.63 0.00	27.42 2.29 0.00	26.77 1.89 0.00	27.02 1.98 0.00	27.51 2.29 0.00	35.46 2.89 -6.27	41.68 3.25 -9.11	54.11 3.64 -18.26	60.64 3.77 -23.81	50.23 3.34 -18.11	41.85 3.22 -9.41	39.97 2.82 -11.72	36.69 2.64 -8.64	32.16 2.59 -4.20
FREEPORT___CT2 23818	38.92 2.86 -5.36	32.59 2.59 -1.79	30.61 2.53 0.00	30.67 2.51 0.00	31.53 2.44 -0.74	40.89 2.68 -8.74	48.33 3.71 -7.52	54.96 4.11 -12.51	43.59 3.76 -6.29	33.07 3.01 0.00	28.68 2.63 0.00	27.42 2.29 0.00	26.77 1.89 0.00	27.02 1.98 0.00	27.51 2.29 0.00	35.46 2.89 -6.27	41.68 3.25 -9.11	54.11 3.64 -18.26	60.64 3.77 -23.81	50.23 3.34 -18.11	41.85 3.22 -9.41	39.97 2.82 -11.72	36.69 2.64 -8.64	32.16 2.59 -4.20
FRESHKLS_33_KV_LOAD 356253	33.04 2.33 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.33 1.86 0.00	39.74 2.63 0.00	41.96 3.11 -0.51	37.37 2.95 -0.87	32.44 2.38 0.00	30.09 2.14 -1.90	28.07 1.86 -1.07	27.85 1.57 -1.40	28.79 1.60 -2.15	29.85 1.92 -2.71	30.10 2.31 -1.49	35.57 2.61 -3.64	40.87 2.96 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.00 2.54 -0.23	29.97 2.16 -2.38	28.19 2.19 -0.59	27.57 2.11 -0.10
FULTON COGEN____ 23766	29.78 -0.92 0.00	27.36 -0.85 0.00	27.19 -0.90 0.00	27.26 -0.90 0.00	27.47 -0.88 0.00	28.74 -0.74 0.00	36.10 -1.00 0.00	37.32 -1.07 -0.05	32.66 -0.97 -0.09	29.22 -0.84 0.00	25.29 -0.76 0.00	24.28 -0.85 0.00	23.91 -0.97 0.00	24.11 -0.93 0.00	24.31 -0.91 0.00	25.46 -0.84 0.00	28.43 -0.91 -0.02	31.39 -0.90 -0.09	32.23 -0.89 -0.05	28.32 -0.72 -0.26	28.43 -0.82 -0.02	24.90 -0.76 -0.23	24.65 -0.81 -0.06	24.39 -0.99 -0.01
FULTON___LFGE 323630	34.33 3.62 0.00	31.53 3.33 0.00	31.26 3.17 0.00	31.34 3.18 0.00	31.64 3.29 0.00	33.22 3.74 0.00	42.37 5.27 0.00	44.62 5.56 -0.71	39.13 4.36 -1.23	33.43 3.37 0.00	28.71 2.66 0.00	27.37 2.24 0.00	26.75 1.87 0.00	27.12 2.08 0.00	27.61 2.40 0.00	29.32 3.02 0.00	33.49 3.87 -0.30	37.92 4.48 -1.24	38.35 4.53 -0.75	36.43 3.97 -3.67	33.64 4.09 -0.32	32.08 3.33 -3.32	29.21 2.97 -0.83	28.30 2.79 -0.14
G.F.CEMENT___DRP 24184	31.99 1.29 0.00	29.39 1.18 0.00	29.21 1.12 0.00	29.26 1.10 0.00	29.49 1.13 0.00	30.74 1.27 0.00	38.99 1.89 0.00	41.33 2.34 -0.64	36.50 1.84 -1.11	31.39 1.32 0.00	27.09 1.04 0.00	25.86 0.73 0.00	25.33 0.45 0.00	25.57 0.53 0.00	26.07 0.86 0.00	27.48 1.18 0.00	31.12 1.52 -0.27	35.04 1.71 -1.13	35.47 1.72 -0.68	33.62 1.50 -3.34	31.10 1.58 -0.29	29.69 1.25 -3.02	27.23 1.07 -0.75	26.94 1.45 -0.12
GARDENVILLE___LBMP 24039	28.86 -1.84 0.00	26.65 -1.55 0.00	26.17 -1.91 0.00	26.30 -1.86 0.00	26.45 -1.90 0.00	28.38 -1.09 0.00	35.06 -2.04 0.00	35.67 -2.76 -0.08	31.00 -2.68 -0.14	28.56 -1.50 0.00	24.90 -1.15 0.00	23.80 -1.33 0.00	23.29 -1.59 0.00	23.54 -1.50 0.00	23.53 -1.69 0.00	24.48 -1.81 0.00	26.75 -2.61 -0.03	29.29 -3.06 -0.14	29.95 -3.21 -0.09	26.82 -2.39 -0.43	26.58 -2.69 -0.04	23.48 -2.34 -0.39	23.22 -2.29 -0.10	22.65 -2.74 -0.02
GARDNVLA_35_KV_LD 355827	29.02 -1.69 0.00	26.76 -1.44 0.00	26.32 -1.77 0.00	26.42 -1.75 0.00	26.59 -1.76 0.00	28.53 -0.94 0.00	35.25 -1.86 0.00	35.82 -2.61 -0.08	31.14 -2.55 -0.14	28.74 -1.32 0.00	25.06 -0.99 0.00	23.93 -1.21 0.00	23.41 -1.47 0.00	23.66 -1.38 0.00	23.65 -1.56 0.00	24.61 -1.68 0.00	26.87 -2.49 -0.04	29.39 -2.96 -0.15	30.05 -3.11 -0.09	26.94 -2.27 -0.43	26.69 -2.57 -0.04	23.56 -2.26 -0.39	23.30 -2.21 -0.10	22.72 -2.66 -0.02
GELCKHM___115KV_LOAD 80723	30.00 -0.71 0.00	27.58 -0.62 0.00	27.38 -0.70 0.00	27.46 -0.70 0.00	27.67 -0.68 0.00	28.97 -0.50 0.00	36.36 -0.74 0.00	37.60 -0.81 -0.06	32.94 -0.70 -0.10	29.46 -0.60 0.00	25.55 -0.49 0.00	24.50 -0.63 0.00	24.13 -0.75 0.00	24.34 -0.70 0.00	24.54 -0.68 0.00	25.69 -0.60 0.00	28.67 -0.67 -0.02	31.63 -0.68 -0.10	32.50 -0.63 -0.06	28.58 -0.49 -0.29	28.67 -0.58 -0.03	25.14 -0.56 -0.26	24.86 -0.61 -0.07	24.57 -0.81 -0.01
GENERAL___MILLS 23808	28.95 -1.75 0.00	26.71 -1.49 0.00	26.26 -1.83 0.00	26.36 -1.80 0.00	26.54 -1.81 0.00	28.47 -1.00 0.00	35.17 -1.93 0.00	35.75 -2.68 -0.08	31.07 -2.62 -0.14	28.68 -1.38 0.00	25.01 -1.04 0.00	23.88 -1.26 0.00	23.36 -1.52 0.00	23.64 -1.40 0.00	23.60 -1.61 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	29.98 -3.17 -0.09	26.88 -2.33 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.24 -2.26 -0.10	22.70 -2.69 -0.02
GE_PLASTICS___DRP 24183	31.90 1.20 0.00	29.30 1.10 0.00	29.15 1.07 0.00	29.20 1.04 0.00	29.40 1.05 0.00	30.42 0.94 0.00	38.29 1.19 0.00	40.46 1.50 -0.62	35.95 1.34 -1.07	31.21 1.14 0.00	27.09 1.04 0.00	25.96 0.83 0.00	25.50 0.62 0.00	25.69 0.65 0.00	26.15 0.93 0.00	27.43 1.13 0.00	30.79 1.20 -0.26	34.49 1.19 -1.09	34.95 1.22 -0.66	33.10 1.09 -3.22	30.65 1.14 -0.28	29.33 0.99 -2.91	27.28 1.14 -0.73	26.56 1.07 -0.12
GILBOA___1 23756	31.84 1.14 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.32 0.96 0.00	30.53 1.06 0.00	38.51 1.41 0.00	40.49 1.65 -0.49	35.87 1.47 -0.85	31.33 1.26 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.79 0.75 0.00	26.18 0.96 0.00	27.45 1.16 0.00	30.79 1.26 -0.21	34.46 1.38 -0.87	35.01 1.42 -0.52	32.61 1.26 -2.56	30.68 1.23 -0.22	28.81 1.07 -2.31	27.03 1.04 -0.58	26.48 1.02 -0.10
GILBOA___2 23757	31.84 1.14 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.32 0.96 0.00	30.53 1.06 0.00	38.51 1.41 0.00	40.49 1.65 -0.49	35.87 1.47 -0.85	31.33 1.26 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.79 0.75 0.00	26.18 0.96 0.00	27.45 1.16 0.00	30.79 1.26 -0.21	34.46 1.38 -0.87	35.01 1.42 -0.52	32.61 1.26 -2.56	30.68 1.23 -0.22	28.81 1.07 -2.31	27.03 1.04 -0.58	26.48 1.02 -0.10
GILBOA___3 23758	31.84 1.14 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.32 0.96 0.00	30.53 1.06 0.00	38.51 1.41 0.00	40.49 1.65 -0.49	35.87 1.47 -0.85	31.33 1.26 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.79 0.75 0.00	26.18 0.96 0.00	27.45 1.16 0.00	30.79 1.26 -0.21	34.46 1.38 -0.87	35.01 1.42 -0.52	32.61 1.26 -2.56	30.68 1.23 -0.22	28.81 1.07 -2.31	27.03 1.04 -0.58	26.48 1.02 -0.10

GILBOA___4 23759	31.84 1.14 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.32 0.96 0.00	30.53 1.06 0.00	38.51 1.41 0.00	40.49 1.65 -0.49	35.87 1.47 -0.85	31.33 1.26 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.79 0.75 0.00	26.18 0.96 0.00	27.45 1.16 0.00	30.79 1.26 -0.21	34.46 1.38 -0.87	35.01 1.42 -0.52	32.61 1.26 -2.56	30.68 1.23 -0.22	28.81 1.07 -2.31	27.03 1.04 -0.58	26.48 1.02 -0.10
GILBOA____ 23599	31.84 1.14 0.00	29.25 1.04 0.00	29.07 0.98 0.00	29.15 0.99 0.00	29.34 0.99 0.00	30.54 1.06 0.00	38.47 1.37 0.00	40.49 1.65 -0.49	35.87 1.48 -0.85	31.30 1.23 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.15 0.93 0.00	27.45 1.16 0.00	30.79 1.26 -0.21	34.46 1.38 -0.87	35.01 1.42 -0.52	32.61 1.27 -2.56	30.68 1.23 -0.22	28.82 1.07 -2.31	27.03 1.04 -0.58	26.40 0.94 -0.10
GINNA____ 23603	28.19 -2.52 0.00	25.92 -2.28 0.00	25.59 -2.50 0.00	25.68 -2.48 0.00	26.08 -2.27 0.00	27.38 -2.09 0.00	33.99 -3.12 0.00	35.50 -2.92 -0.07	30.98 -2.68 -0.12	27.66 -2.41 0.00	24.09 -1.95 0.00	23.05 -2.09 0.00	22.67 -2.21 0.00	22.89 -2.15 0.00	22.95 -2.27 0.00	23.98 -2.31 0.00	26.77 -2.58 -0.03	29.62 -2.71 -0.12	30.39 -2.74 -0.07	26.80 -2.33 -0.35	26.74 -2.51 -0.03	23.54 -2.21 -0.32	23.30 -2.19 -0.08	23.30 -2.08 -0.01
GLEN PARK____ 23778	30.92 0.22 0.00	28.32 0.11 0.00	28.14 0.06 0.00	28.30 0.14 0.00	28.55 0.20 0.00	29.86 0.38 0.00	37.58 0.48 0.00	38.92 0.54 -0.03	33.77 0.17 -0.06	30.12 0.06 0.00	25.92 -0.13 0.00	24.80 -0.33 0.00	24.51 -0.37 0.00	24.71 -0.33 0.00	24.89 -0.33 0.00	26.22 -0.08 0.00	29.42 0.09 -0.01	32.49 0.23 -0.06	33.43 0.33 -0.03	29.24 0.29 -0.17	29.42 0.18 -0.01	25.51 -0.08 -0.15	25.34 -0.10 -0.04	25.25 -0.13 -0.01
GLENDALE_27_KV_LOAD 356172	33.13 2.43 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.54 2.06 0.00	40.07 2.97 0.00	42.34 3.49 -0.51	37.70 3.29 -0.87	32.80 2.74 0.00	30.43 2.45 -1.93	28.36 2.14 -1.09	28.15 1.84 -1.43	29.10 1.88 -2.18	30.10 2.17 -2.71	30.36 2.58 -1.49	35.83 2.87 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.23 2.78 -0.23	30.20 2.39 -2.38	28.36 2.36 -0.59	27.70 2.23 -0.10
GLENWOOD_IC_1_G5 23712	39.22 3.16 -5.36	32.87 2.88 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.87 2.78 -0.74	41.19 2.98 -8.74	48.22 3.60 -7.52	55.00 4.14 -12.51	43.96 4.13 -6.29	33.34 3.28 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.72 3.16 -6.27	41.68 3.25 -9.11	54.14 3.67 -18.26	60.68 3.34 -23.81	50.23 3.42 -18.11	41.85 3.22 -9.41	40.18 3.03 -11.72	36.97 2.92 -8.64	32.31 2.74 -4.20
GLENWOOD_IC_2_G1 23688	39.25 3.19 -5.36	32.87 2.88 -1.79	30.87 2.78 0.00	30.92 2.76 0.00	31.79 2.69 -0.74	41.19 2.98 -8.74	48.51 3.89 -7.52	55.19 4.33 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.96 2.92 0.00	27.70 2.56 0.00	27.02 2.14 0.00	27.29 2.25 0.00	27.76 2.55 0.00	35.75 3.18 -6.27	41.92 3.49 -9.11	54.27 3.80 -18.26	60.81 3.93 -23.81	50.37 3.48 -18.11	42.00 3.36 -9.41	40.25 3.10 -11.72	36.94 2.90 -8.64	32.41 2.84 -4.20
GLENWOOD_IC_3_G1 23689	39.25 3.19 -5.36	32.87 2.88 -1.79	30.87 2.78 0.00	30.92 2.76 0.00	31.79 2.69 -0.74	41.19 2.98 -8.74	48.51 3.89 -7.52	55.19 4.33 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.96 2.92 0.00	27.70 2.56 0.00	27.02 2.14 0.00	27.29 2.25 0.00	27.76 2.55 0.00	35.75 3.18 -6.27	41.92 3.49 -9.11	54.27 3.80 -18.26	60.81 3.93 -23.81	50.37 3.48 -18.11	42.00 3.36 -9.41	40.25 3.10 -11.72	36.94 2.90 -8.64	32.41 2.84 -4.20
GLENWOOD___4 23550	39.22 3.16 -5.36	32.87 2.88 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.87 2.78 -0.74	41.19 2.98 -8.74	48.33 3.71 -7.52	55.11 4.26 -12.51	43.96 4.13 -6.29	33.34 3.28 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.72 3.16 -6.27	41.74 3.31 -9.11	54.20 3.74 -18.26	60.74 3.87 -23.81	50.32 3.42 -18.11	41.91 3.27 -9.41	40.18 3.03 -11.72	36.97 2.92 -8.64	32.31 2.74 -4.20
GLENWOOD___5 23614	39.22 3.16 -5.36	32.87 2.88 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.87 2.78 -0.74	41.19 2.98 -8.74	48.33 3.71 -7.52	55.11 4.26 -12.51	43.96 4.13 -6.29	33.34 3.28 0.00	28.94 2.89 0.00	27.67 2.54 0.00	27.02 2.14 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.72 3.16 -6.27	41.74 3.31 -9.11	54.20 3.74 -18.26	60.74 3.87 -23.81	50.32 3.42 -18.11	41.91 3.27 -9.41	40.18 3.03 -11.72	36.97 2.92 -8.64	32.31 2.74 -4.20
GLOBAL GREEN_PORT_GT1 23814	40.36 4.30 -5.36	33.89 3.89 -1.79	31.87 3.79 0.00	31.94 3.78 0.00	32.87 3.77 -0.74	42.31 4.10 -8.74	50.45 5.83 -7.52	57.26 6.40 -12.51	45.30 5.47 -6.29	34.30 4.24 0.00	29.72 3.67 0.00	28.42 3.29 0.00	27.67 2.79 0.00	27.97 2.93 0.00	28.45 3.23 0.00	36.61 4.05 -6.27	43.24 4.81 -9.11	55.98 5.51 -18.26	62.47 5.59 -23.81	51.93 5.04 -18.11	43.49 4.85 -9.41	41.25 4.10 -11.72	37.89 3.84 -8.64	33.27 3.70 -4.20
GLOBE___DSASP 323697	27.82 -2.89 0.00	25.69 -2.51 0.00	25.28 -2.81 0.00	25.37 -2.79 0.00	25.49 -2.86 0.00	27.47 -2.00 0.00	33.61 -3.49 0.00	34.36 -4.06 -0.08	29.92 -3.76 -0.14	27.33 -2.74 0.00	23.86 -2.19 0.00	22.85 -2.29 0.00	22.32 -2.56 0.00	22.59 -2.45 0.00	22.57 -2.65 0.00	23.51 -2.79 0.00	25.81 -3.55 -0.03	28.35 -3.99 -0.14	29.05 -4.10 -0.08	26.11 -3.08 -0.41	25.84 -3.42 -0.04	22.95 -2.85 -0.37	22.73 -2.77 -0.09	21.91 -3.48 -0.02
GOETHSLN___LBMP 323567	32.79 2.09 0.00	30.12 1.92 0.00	29.91 1.83 0.00	29.97 1.80 0.00	30.17 1.81 0.00	31.33 1.86 0.00	39.70 2.60 0.00	41.92 3.07 -0.51	37.40 2.99 -0.87	32.53 2.47 0.00	30.20 2.24 -1.91	28.12 1.91 -1.08	27.88 1.59 -1.41	28.85 1.65 -2.16	29.87 1.97 -2.69	30.11 2.34 -1.47	35.53 2.61 -3.60	40.72 2.87 -5.65	39.94 2.98 -3.90	37.00 2.65 -5.57	31.97 2.51 -0.23	29.99 2.19 -2.37	28.14 2.13 -0.59	27.45 1.98 -0.10
GOLAH___69_KV_TB 1_2 80279	29.54 -1.17 0.00	27.21 -0.99 0.00	26.82 -1.26 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.83 -0.65 0.00	35.77 -1.34 0.00	36.88 -1.53 -0.07	32.16 -1.51 -0.12	29.01 -1.05 0.00	25.16 -0.89 0.00	24.03 -1.11 0.00	23.54 -1.34 0.00	23.79 -1.25 0.00	23.86 -1.36 0.00	24.88 -1.42 0.00	27.62 -1.73 -0.03	30.53 -1.80 -0.12	31.32 -1.82 -0.07	27.82 -1.32 -0.36	27.71 -1.55 -0.03	24.41 -1.35 -0.33	24.12 -1.37 -0.08	23.48 -1.90 -0.01
GOODYEAR_LAKE_HYD 323669	32.42 1.72 0.00	29.78 1.58 0.00	29.57 1.49 0.00	29.68 1.52 0.00	29.91 1.56 0.00	31.33 1.86 0.00	39.55 2.45 0.00	41.11 2.61 -0.15	36.02 2.21 -0.26	31.96 1.89 0.00	27.61 1.56 0.00	26.39 1.26 0.00	25.97 1.09 0.00	26.17 1.13 0.00	26.50 1.29 0.00	27.88 1.58 0.00	31.23 1.85 -0.06	34.62 2.13 -0.29	35.49 2.25 -0.17	31.62 1.99 -0.86	31.20 1.90 -0.07	27.73 1.53 -0.77	27.05 1.45 -0.19	26.67 1.27 -0.03

GOUDEY___7 345031	30.95 0.25 0.00	28.46 0.25 0.00	28.23 0.14 0.00	28.30 0.14 0.00	28.55 0.20 0.00	29.95 0.47 0.00	37.62 0.52 0.00	38.94 0.42 -0.17	34.18 0.34 -0.30	30.52 0.45 0.00	26.41 0.36 0.00	25.31 0.18 0.00	24.88 0.00 0.00	25.09 0.05 0.00	25.32 0.10 0.00	26.53 0.24 0.00	29.57 0.18 -0.07	32.71 0.19 -0.31	33.52 0.26 -0.19	30.01 0.32 -0.91	29.51 0.20 -0.08	26.36 0.10 -0.82	25.66 0.05 -0.21	25.33 -0.08 -0.03
GOUDEY___7 23579	30.98 0.28 0.00	28.48 0.28 0.00	28.25 0.17 0.00	28.33 0.17 0.00	28.58 0.23 0.00	29.98 0.50 0.00	37.66 0.56 0.00	38.98 0.46 -0.17	34.21 0.37 -0.30	30.55 0.48 0.00	26.44 0.39 0.00	25.33 0.20 0.00	24.90 0.02 0.00	25.12 0.08 0.00	25.34 0.13 0.00	26.56 0.26 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.55 0.30 -0.19	30.04 0.35 -0.91	29.54 0.23 -0.08	26.38 0.13 -0.82	25.69 0.08 -0.21	25.33 -0.08 -0.03
GOUDEY___8 23580	30.95 0.25 0.00	28.46 0.25 0.00	28.23 0.14 0.00	28.30 0.14 0.00	28.55 0.20 0.00	29.95 0.47 0.00	37.62 0.52 0.00	38.94 0.42 -0.17	34.18 0.34 -0.30	30.52 0.45 0.00	26.41 0.36 0.00	25.31 0.18 0.00	24.88 0.00 0.00	25.09 0.05 0.00	25.32 0.10 0.00	26.53 0.24 0.00	29.57 0.18 -0.07	32.71 0.19 -0.31	33.52 0.26 -0.19	30.01 0.32 -0.91	29.51 0.20 -0.08	26.36 0.10 -0.82	25.66 0.05 -0.21	25.33 -0.08 -0.03
GOWANUS_GT1_1 24077	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_2 24078	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_3 24079	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_4 24080	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_5 24084	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_6 24111	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_7 24112	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT1_8 24113	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT2_1 24114	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_2 24115	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_3 24116	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_4 24117	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11

GOWANUS_GT2_5 24118	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_6 24119	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_7 24120	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT2_8 24121	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_1 24122	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_2 24123	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_3 24124	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_4 24125	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_5 24126	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_6 24127	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_7 24128	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT3_8 24129	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
GOWANUS_GT4_1 24130	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_2 24131	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_3 24132	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10

GOWANUS_GT4_4 24133	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_5 24134	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_6 24135	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_7 24136	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GOWANUS_GT4_8 24137	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GREENBSH_115KV_TB3 55895	31.87 1.17 0.00	29.33 1.13 0.00	29.15 1.07 0.00	29.23 1.07 0.00	29.40 1.05 0.00	30.27 0.80 0.00	38.14 1.04 0.00	40.31 1.34 -0.62	35.79 1.17 -1.07	31.09 1.02 0.00	27.04 0.99 0.00	25.91 0.78 0.00	25.43 0.55 0.00	25.64 0.60 0.00	26.10 0.88 0.00	27.38 1.08 0.00	30.73 1.14 -0.26	34.39 1.10 -1.09	34.85 1.12 -0.66	33.00 0.98 -3.24	30.59 1.08 -0.28	29.35 0.99 -2.92	27.41 1.27 -0.73	26.66 1.17 -0.12
GREENDGE_115KV_TB5 80291	30.92 0.21 0.00	28.40 0.20 0.00	28.14 0.06 0.00	28.22 0.06 0.00	28.49 0.14 0.00	30.12 0.65 0.00	37.58 0.48 0.00	38.76 0.31 -0.11	34.17 0.44 -0.19	30.61 0.54 0.00	26.44 0.39 0.00	25.26 0.13 0.00	24.78 -0.10 0.00	25.01 -0.03 0.00	25.17 -0.05 0.00	26.38 0.08 0.00	29.43 0.06 -0.05	32.53 0.13 -0.20	33.45 0.26 -0.12	29.59 0.23 -0.58	29.37 0.09 -0.05	25.85 -0.10 -0.52	25.34 -0.20 -0.13	24.91 -0.48 -0.02
GREENIDGE___3 23582	30.92 0.21 0.00	28.40 0.20 0.00	28.14 0.06 0.00	28.22 0.06 0.00	28.49 0.14 0.00	30.12 0.65 0.00	37.58 0.48 0.00	38.76 0.31 -0.11	34.17 0.44 -0.19	30.61 0.54 0.00	26.44 0.39 0.00	25.26 0.13 0.00	24.78 -0.10 0.00	25.01 -0.03 0.00	25.17 -0.05 0.00	26.38 0.08 0.00	29.43 0.06 -0.05	32.53 0.13 -0.20	33.45 0.26 -0.12	29.59 0.23 -0.58	29.37 0.09 -0.05	25.85 -0.10 -0.52	25.34 -0.20 -0.13	24.91 -0.48 -0.02
GREENIDGE___4 23583	30.92 0.22 0.00	28.43 0.22 0.00	28.14 0.06 0.00	28.22 0.06 0.00	28.64 0.28 0.00	30.12 0.65 0.00	37.40 0.30 0.00	38.76 0.31 -0.11	34.17 0.43 -0.19	30.52 0.45 0.00	26.44 0.39 0.00	25.26 0.13 0.00	24.83 -0.05 0.00	25.04 0.00 0.00	25.17 -0.05 0.00	26.38 0.08 0.00	29.43 0.06 -0.05	32.53 0.13 -0.20	33.45 0.26 -0.12	29.59 0.23 -0.58	29.34 0.06 -0.05	25.86 -0.10 -0.52	25.33 -0.20 -0.13	25.19 -0.20 -0.02
GREENLWN_69_KV_BK 3 55738	38.67 2.61 -5.36	32.39 2.40 -1.79	30.39 2.30 0.00	30.44 2.28 0.00	31.39 2.30 -0.74	40.66 2.45 -8.74	47.78 3.15 -7.52	54.31 3.45 -12.51	42.95 3.12 -6.29	32.44 2.38 0.00	28.13 2.08 0.00	26.89 1.76 0.00	26.27 1.39 0.00	26.47 1.43 0.00	26.96 1.74 0.00	35.22 2.66 -6.27	41.24 2.81 -9.11	53.53 3.06 -18.26	60.02 3.14 -23.81	49.72 2.82 -18.11	41.33 2.69 -9.41	39.57 2.42 -11.72	36.54 2.49 -8.64	31.88 2.31 -4.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10
GRISSOM___SOLAR 323813	34.33 3.62 0.00	31.53 3.33 0.00	31.26 3.17 0.00	31.34 3.18 0.00	31.64 3.29 0.00	33.22 3.74 0.00	42.37 5.27 0.00	44.62 5.56 -0.71	39.13 4.36 -1.23	33.43 3.37 0.00	28.71 2.66 0.00	27.37 2.24 0.00	26.75 1.87 0.00	27.12 2.08 0.00	27.61 2.40 0.00	29.32 3.02 -0.30	33.49 3.87 -1.24	37.92 4.48 -0.75	38.35 4.53 -0.75	36.43 3.97 -3.67	33.64 4.09 -0.32	32.08 3.33 -3.32	29.21 2.97 -0.83	28.30 2.79 -0.14
GROVEVILLE___HYD 323602	32.95 2.24 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.57 2.09 0.00	39.96 2.86 0.00	41.96 3.11 -0.51	37.28 2.85 -0.88	32.38 2.31 0.00	28.08 2.03 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.96 1.74 0.00	28.40 2.10 -0.22	31.91 2.38 -0.90	35.81 2.71 -0.54	36.39 2.78 -2.66	33.92 2.48 -0.23	31.86 2.40 -0.23	29.87 2.03 -2.41	27.97 1.96 -0.60	27.27 1.80 -0.10
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01
HAMLTNNY_34_KV_TB 80303	30.31 -0.40 0.00	27.84 -0.37 0.00	27.66 -0.42 0.00	27.74 -0.42 0.00	27.95 -0.40 0.00	29.30 -0.18 0.00	36.80 -0.30 0.00	38.07 -0.35 -0.06	33.35 -0.30 -0.11	29.82 -0.24 0.00	25.81 -0.23 0.00	24.76 -0.38 0.00	24.38 -0.50 0.00	24.59 -0.45 0.00	24.76 -0.45 0.00	25.93 -0.37 0.00	28.97 -0.38 -0.03	32.00 -0.32 -0.11	32.87 -0.26 -0.07	28.89 -0.23 -0.33	28.94 -0.32 -0.03	25.38 -0.36 -0.30	25.08 -0.41 -0.08	24.77 -0.61 -0.01

HAMPSHIRE___PAPER_HYD 323593	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.03 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.59 -0.45 0.00	24.64 -0.58 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.50 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.69 -0.68 0.00
HARDSCRABBLE_WT_PWR 323673	31.32 0.61 0.00	28.77 0.56 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.83 0.48 0.00	29.98 0.50 0.00	37.73 0.63 0.00	38.84 0.50 0.00	33.91 0.37 0.00	30.37 0.30 0.00	26.34 0.29 0.00	25.38 0.25 0.00	25.08 0.20 0.00	25.26 0.22 0.00	25.50 0.28 0.00	26.61 0.32 0.00	29.50 0.18 0.00	32.37 0.16 0.00	33.13 0.07 0.00	28.81 0.03 0.00	29.23 0.00 0.00	25.48 0.05 0.00	25.46 0.05 0.00	25.45 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.70 2.00 0.00	30.01 1.80 0.00	29.83 1.74 0.00	29.91 1.75 0.00	30.08 1.73 0.00	31.33 1.86 0.00	39.70 2.60 0.00	41.70 2.88 -0.48	37.02 2.65 -0.82	32.23 2.16 0.00	27.95 1.90 0.00	26.69 1.56 0.00	26.15 1.27 0.00	26.37 1.33 0.00	26.86 1.64 0.00	28.27 1.97 0.00	31.75 2.23 -0.20	35.59 2.54 -0.84	36.19 2.61 -0.51	33.59 2.33 -2.48	31.69 2.25 -0.22	29.58 1.91 -2.24	27.82 1.85 -0.56	27.14 1.67 -0.09
HARSNRAD_115KV_TB1 81005	28.49 -2.21 0.00	26.28 -1.92 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.11 -2.24 0.00	28.00 -1.47 0.00	34.43 -2.67 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.99 -2.07 0.00	24.43 -1.61 0.00	23.35 -1.78 0.00	22.81 -2.06 0.00	23.09 -1.95 0.00	23.07 -2.14 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.57 -2.62 -0.40	26.34 -2.92 -0.04	23.33 -2.47 -0.37	23.09 -2.41 -0.09	22.32 -3.07 -0.02
HARZA MOOSE___RIVER 24016	31.38 0.68 0.00	28.77 0.56 0.00	28.62 0.53 0.00	28.73 0.56 0.00	28.95 0.60 0.00	30.24 0.77 0.00	38.14 1.04 0.00	39.36 1.00 -0.02	34.28 0.70 -0.03	30.64 0.57 0.00	26.41 0.36 0.00	25.33 0.20 0.00	25.03 0.15 0.00	25.24 0.20 0.00	25.44 0.23 0.00	26.69 0.39 0.00	29.77 0.44 -0.01	32.72 0.48 -0.03	33.62 0.53 -0.02	29.34 0.46 -0.10	29.62 0.38 -0.01	25.73 0.20 -0.09	25.61 0.18 -0.02	25.50 0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.03 -0.68 0.00	27.61 -0.59 0.00	27.41 -0.67 0.00	27.49 -0.68 0.00	27.70 -0.65 0.00	28.97 -0.50 0.00	36.32 -0.78 0.00	37.60 -0.81 -0.06	32.90 -0.74 -0.10	29.49 -0.57 0.00	25.58 -0.47 0.00	24.53 -0.60 0.00	24.16 -0.72 0.00	24.36 -0.68 0.00	24.56 -0.66 0.00	25.72 -0.58 0.00	28.70 -0.65 -0.02	31.66 -0.64 -0.10	32.53 -0.60 -0.06	28.61 -0.46 -0.29	28.70 -0.56 -0.03	25.14 -0.56 -0.27	24.89 -0.58 -0.07	24.59 -0.79 -0.01
HELLGATE_13_KV_LD 55870	33.01 2.30 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.23 2.45 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.62 2.16 -0.10
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.01 2.30 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.23 2.45 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.62 2.16 -0.10
HEMPSTEAD____ 23647	38.86 2.79 -5.36	32.50 2.51 -1.79	30.53 2.44 0.00	30.59 2.42 0.00	31.45 2.35 -0.74	40.81 2.59 -8.74	48.18 3.56 -7.52	54.77 3.91 -12.51	43.52 3.69 -6.29	32.98 2.92 0.00	28.63 2.58 0.00	27.37 2.24 0.00	26.69 1.82 0.00	26.97 1.93 0.00	27.44 2.22 0.00	35.41 2.84 -6.27	41.60 3.17 -9.11	53.95 3.48 -18.26	60.48 3.60 -23.81	50.09 3.19 -18.11	41.71 3.07 -9.41	39.92 2.77 -11.72	36.61 2.57 -8.64	32.08 2.51 -4.20
HEWLETT__69_KV_BK3 55828	38.98 2.92 -5.36	32.65 2.65 -1.79	30.64 2.56 0.00	30.70 2.53 0.00	31.65 2.55 -0.74	40.92 2.71 -8.74	48.29 3.67 -7.52	54.99 4.14 -12.51	43.62 3.79 -6.29	33.10 3.04 0.00	28.73 2.68 0.00	27.49 2.36 0.00	26.84 1.97 0.00	27.07 2.03 0.00	27.54 2.32 0.00	35.48 2.92 -6.27	41.68 3.25 -9.11	53.91 3.45 -18.26	60.44 3.57 -23.80	50.06 3.17 -18.11	41.88 3.24 -9.41	39.92 2.77 -11.71	36.74 2.69 -8.64	32.11 2.54 -4.20
HICKLING___1 23621	30.98 0.28 0.00	28.51 0.31 0.00	28.20 0.11 0.00	28.28 0.11 0.00	28.58 0.23 0.00	30.21 0.74 0.00	37.81 0.70 0.00	38.95 0.46 -0.14	34.12 0.34 -0.24	30.73 0.66 0.00	26.60 0.55 0.00	25.41 0.28 0.00	24.90 0.02 0.00	25.12 0.08 0.00	25.27 0.05 0.00	26.48 0.18 0.00	29.38 0.00 -0.06	32.39 -0.06 -0.25	33.25 0.03 -0.15	29.62 0.12 -0.73	29.26 -0.03 -0.06	25.91 -0.18 -0.66	25.29 -0.28 -0.16	24.99 -0.41 -0.03
HICKLING___2 23622	30.98 0.28 0.00	28.51 0.31 0.00	28.20 0.11 0.00	28.28 0.11 0.00	28.58 0.23 0.00	30.21 0.74 0.00	37.81 0.70 0.00	38.95 0.46 -0.14	34.12 0.34 -0.24	30.73 0.66 0.00	26.60 0.55 0.00	25.41 0.28 0.00	24.90 0.02 0.00	25.12 0.08 0.00	25.27 0.05 0.00	26.48 0.18 0.00	29.38 0.00 -0.06	32.39 -0.06 -0.25	33.25 0.03 -0.15	29.62 0.12 -0.73	29.26 -0.03 -0.06	25.91 -0.18 -0.66	25.29 -0.28 -0.16	24.99 -0.41 -0.03
HIGH FALLS___HY 23754	32.85 2.15 0.00	30.12 1.92 0.00	29.97 1.88 0.00	30.05 1.89 0.00	30.22 1.87 0.00	31.60 2.12 0.00	40.03 2.93 0.00	41.88 3.03 -0.51	37.23 2.82 -0.87	32.32 2.25 0.00	28.00 1.95 0.00	26.69 1.56 0.00	25.95 1.07 0.00	26.17 1.13 0.00	26.65 1.44 0.00	28.09 1.79 0.00	31.62 2.08 -0.21	35.58 2.48 -0.89	36.15 2.55 -0.54	33.69 2.27 -2.63	31.82 2.37 -0.23	29.77 1.96 -2.38	27.83 1.83 -0.59	27.12 1.65 -0.10
HILLBURN___GT 23639	32.67 1.97 0.00	29.98 1.78 0.00	29.83 1.74 0.00	29.88 1.72 0.00	30.00 1.64 0.00	31.30 1.83 0.00	39.77 2.67 0.00	41.78 2.95 -0.48	37.09 2.72 -0.83	32.35 2.28 0.00	28.05 2.01 0.00	26.79 1.66 0.00	26.25 1.37 0.00	26.52 1.48 0.00	26.98 1.76 0.00	28.37 2.08 0.00	31.84 2.32 -0.20	35.66 2.61 -0.85	36.29 2.71 -0.51	33.71 2.42 -2.51	31.76 2.31 -0.22	29.74 2.04 -2.27	27.86 1.88 -0.57	27.29 1.83 -0.09
HILLSIDE_115KV_TB1 80332	30.46 -0.25 0.00	28.03 -0.17 0.00	27.75 -0.34 0.00	27.82 -0.34 0.00	28.10 -0.26 0.00	29.68 0.21 0.00	37.10 0.00 0.00	38.26 -0.23 -0.14	33.52 -0.27 -0.25	30.18 0.12 0.00	26.15 0.10 0.00	25.01 -0.13 0.00	24.56 -0.32 0.00	24.76 -0.28 0.00	24.89 -0.33 0.00	26.09 -0.21 0.00	28.91 -0.47 -0.06	31.88 -0.58 -0.25	32.69 -0.53 -0.15	29.18 -0.35 -0.74	28.82 -0.47 -0.07	25.57 -0.53 -0.67	24.97 -0.61 -0.17	24.66 -0.74 -0.03

HISHELDN_WT_PWR 323625	28.80 -1.90 0.00	26.62 -1.58 0.00	26.09 -1.99 0.00	26.19 -1.97 0.00	26.74 -1.61 0.00	28.27 -1.21 0.00	34.28 -2.82 0.00	35.48 -2.95 -0.08	30.87 -2.82 -0.14	28.14 -1.92 0.00	24.77 -1.28 0.00	23.67 -1.46 0.00	23.26 -1.62 0.00	23.44 -1.60 0.00	23.38 -1.84 0.00	24.33 -1.97 0.00	26.60 -2.76 -0.03	29.10 -3.25 -0.14	29.68 -3.47 -0.09	26.53 -2.68 -0.42	26.20 -3.07 -0.04	23.12 -2.70 -0.38	22.96 -2.54 -0.10	23.05 -2.33 -0.02
HOLTSVILLE_IC_1 23690	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
HOLTSVILLE_IC_10 23699	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.04 2.99 0.00	27.77 2.64 0.00	27.07 2.19 0.00	27.34 2.30 0.00	27.82 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.28 4.40 -23.81	50.92 4.03 -18.11	42.53 3.89 -9.41	40.46 3.30 -11.72	37.15 3.10 -8.64	32.59 3.02 -4.20
HOLTSVILLE_IC_2 23691	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
HOLTSVILLE_IC_3 23692	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
HOLTSVILLE_IC_4 23693	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
HOLTSVILLE_IC_5 23694	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
HOLTSVILLE_IC_6 23695	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.04 2.99 0.00	27.77 2.64 0.00	27.07 2.19 0.00	27.34 2.30 0.00	27.82 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.28 4.40 -23.81	50.92 4.03 -18.11	42.53 3.89 -9.41	40.46 3.30 -11.72	37.15 3.10 -8.64	32.59 3.02 -4.20
HOLTSVILLE_IC_7 23696	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.04 2.99 0.00	27.77 2.64 0.00	27.07 2.19 0.00	27.34 2.30 0.00	27.82 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.28 4.40 -23.81	50.92 4.03 -18.11	42.53 3.89 -9.41	40.46 3.30 -11.72	37.15 3.10 -8.64	32.59 3.02 -4.20
HOLTSVILLE_IC_8 23697	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.04 2.99 0.00	27.77 2.64 0.00	27.07 2.19 0.00	27.34 2.30 0.00	27.82 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.28 4.40 -23.81	50.92 4.03 -18.11	42.53 3.89 -9.41	40.46 3.30 -11.72	37.15 3.10 -8.64	32.59 3.02 -4.20
HOLTSVILLE_IC_9 23698	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.26 4.43 -6.29	33.52 3.46 0.00	29.04 2.99 0.00	27.77 2.64 0.00	27.07 2.19 0.00	27.34 2.30 0.00	27.82 2.60 0.00	35.93 3.37 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.28 4.40 -23.81	50.92 4.03 -18.11	42.53 3.89 -9.41	40.46 3.30 -11.72	37.15 3.10 -8.64	32.59 3.02 -4.20
HOMER_HL_115KV_TB2 355744	29.32 -1.38 0.00	27.05 -1.16 0.00	26.57 -1.52 0.00	26.70 -1.46 0.00	26.93 -1.42 0.00	28.83 -0.65 0.00	35.69 -1.41 0.00	35.80 -2.65 -0.10	31.09 -2.62 -0.17	29.19 -0.87 0.00	25.40 -0.65 0.00	24.23 -0.90 0.00	23.74 -1.14 0.00	23.96 -1.08 0.00	23.96 -1.26 0.00	24.96 -1.34 0.00	26.96 -2.40 -0.04	29.32 -3.06 -0.17	30.03 -3.14 -0.10	26.80 -2.48 -0.50	26.70 -2.57 -0.04	23.47 -2.42 -0.45	23.08 -2.44 -0.11	23.18 -2.21 -0.02
HOWARD_WT_PWR 323690	31.60 0.89 0.00	29.05 0.85 0.00	28.73 0.65 0.00	28.81 0.65 0.00	29.23 0.88 0.00	30.83 1.36 0.00	38.48 1.37 0.00	39.77 1.30 -0.12	34.89 1.14 -0.21	31.30 1.23 0.00	27.09 1.04 0.00	25.83 0.70 0.00	25.35 0.47 0.00	25.57 0.53 0.00	25.70 0.48 0.00	26.90 0.61 0.00	29.87 0.50 -0.05	32.87 0.45 -0.21	33.69 0.50 -0.13	29.81 0.40 -0.62	29.51 0.23 -0.05	25.99 0.00 -0.56	25.40 -0.15 -0.14	25.19 -0.20 -0.02
HQ_GEN_CEDARS 23644	30.43 -0.28 0.00	27.92 -0.28 0.00	27.92 -0.17 0.00	28.02 -0.14 0.00	28.18 -0.17 0.00	29.15 -0.32 0.00	36.62 -0.48 0.00	37.81 -0.54 0.00	33.04 -0.50 0.00	29.64 -0.42 0.00	25.61 -0.44 0.00	24.96 -0.18 0.00	24.98 0.10 0.00	25.09 0.05 0.00	24.99 -0.23 0.00	25.85 -0.45 0.00	28.85 -0.47 0.00	31.53 -0.68 0.00	32.34 -0.73 0.00	28.00 -0.78 0.00	28.56 -0.67 0.00	24.85 -0.58 0.00	24.85 -0.56 0.00	25.12 -0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	30.43 -0.28 0.00	27.92 -0.28 0.00	27.92 -0.17 0.00	28.02 -0.14 0.00	28.18 -0.17 0.00	29.15 -0.32 0.00	36.66 -0.44 0.00	37.81 -0.54 0.00	33.04 -0.50 0.00	29.64 -0.42 0.00	25.61 -0.44 0.00	24.96 -0.17 0.00	24.98 0.10 0.00	25.01 -0.03 0.00	24.97 -0.25 0.00	25.85 -0.45 0.00	28.85 -0.47 0.00	31.53 -0.68 0.00	32.34 -0.73 0.00	28.01 -0.78 0.00	28.56 -0.67 0.00	24.82 -0.61 0.00	24.82 -0.58 0.00	24.89 -0.48 0.00

HQ_GEN_IMPORT 323601	30.30 -0.40 0.00	27.83 -0.37 0.00	27.80 -0.28 0.00	27.88 -0.28 0.00	28.07 -0.28 0.00	29.06 -0.41 0.00	36.58 -0.52 0.00	37.73 -0.62 0.00	33.01 -0.54 0.00	29.61 -0.45 0.00	25.60 -0.42 0.03	24.99 -0.17 -0.03	24.93 0.05 0.00	24.99 -0.05 0.00	24.99 -0.23 0.00	25.88 -0.42 0.00	28.88 -0.44 0.00	31.59 -0.61 0.00	32.44 -0.63 0.00	28.18 -0.61 0.00	28.70 -0.53 0.00	25.00 -0.43 0.00	25.00 -0.41 0.00	24.99 -0.38 0.00
HQ_GEN_WHEEL 23651	30.30 -0.40 0.00	27.83 -0.37 0.00	27.80 -0.28 0.00	27.88 -0.28 0.00	28.07 -0.28 0.00	29.06 -0.41 0.00	36.58 -0.52 0.00	37.73 -0.62 0.00	33.01 -0.54 0.00	29.61 -0.45 0.00	25.60 -0.42 0.03	24.99 -0.17 -0.03	24.93 0.05 0.00	24.99 -0.05 0.00	24.99 -0.23 0.00	25.88 -0.42 0.00	28.88 -0.44 0.00	31.59 -0.61 0.00	32.44 -0.63 0.00	28.18 -0.61 0.00	28.70 -0.53 0.00	25.00 -0.43 0.00	25.00 -0.41 0.00	24.99 -0.38 0.00
HUDSON AVE_GT_3 23810	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.35 2.40 -1.91	28.25 2.04 -1.08	28.03 1.74 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.27 2.50 -1.47	35.71 2.79 -3.60	40.92 3.06 -5.65	40.14 3.17 -3.90	37.17 2.82 -5.57	32.15 2.69 -0.23	30.12 2.31 -2.37	28.26 2.26 -0.59	27.57 2.11 -0.10
HUDSON AVE_GT_4 23540	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.35 2.40 -1.91	28.25 2.04 -1.08	28.03 1.74 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.27 2.50 -1.47	35.71 2.79 -3.60	40.92 3.06 -5.65	40.14 3.17 -3.90	37.17 2.82 -5.57	32.15 2.69 -0.23	30.12 2.31 -2.37	28.26 2.26 -0.59	27.57 2.11 -0.10
HUDSON AVE_GT_5 23657	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.35 2.40 -1.91	28.25 2.04 -1.08	28.03 1.74 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.27 2.50 -1.47	35.71 2.79 -3.60	40.92 3.06 -5.65	40.14 3.17 -3.90	37.17 2.82 -5.57	32.15 2.69 -0.23	30.12 2.31 -2.37	28.26 2.26 -0.59	27.57 2.11 -0.10
HUDSON_AVE_10 24168	32.92 2.21 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.05 1.89 0.00	30.25 1.90 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.57 3.15 -0.87	32.65 2.59 0.00	30.35 2.40 -1.91	28.23 2.01 -1.08	28.01 1.72 -1.41	29.00 1.80 -2.16	30.02 2.12 -2.69	30.24 2.47 -1.47	35.71 2.79 -3.60	40.95 3.09 -5.65	40.17 3.21 -3.90	37.20 2.85 -5.57	32.12 2.66 -0.23	30.10 2.29 -2.37	28.24 2.24 -0.59	27.52 2.05 -0.10
HUDSON___115KV_TB 4 355613	32.55 1.84 0.00	29.92 1.72 0.00	29.77 1.69 0.00	29.82 1.66 0.00	30.02 1.67 0.00	31.04 1.56 0.00	39.22 2.11 0.00	41.06 2.11 -0.61	36.40 1.81 -1.05	31.63 1.56 0.00	27.40 1.35 0.00	26.19 1.06 0.00	25.68 0.80 0.00	25.92 0.88 0.00	26.40 1.19 0.00	27.74 1.45 0.00	31.22 1.64 -0.26	34.92 1.64 -1.07	35.37 1.65 -0.65	33.41 1.47 -3.16	31.14 1.64 -0.28	29.58 1.30 -2.85	27.62 1.50 -0.71	26.98 1.50 -0.12
HUNTER MOUNT___DRP 323613	32.76 2.06 0.00	30.12 1.92 0.00	29.94 1.85 0.00	30.02 1.86 0.00	30.22 1.87 0.00	31.27 1.80 0.00	39.51 2.41 0.00	41.08 2.15 -0.59	36.34 1.78 -1.02	31.66 1.59 0.00	27.38 1.33 0.00	26.14 1.01 0.00	25.63 0.75 0.00	25.89 0.85 0.00	26.40 1.19 0.00	27.74 1.45 0.00	31.21 1.64 -0.25	34.82 1.58 -1.04	35.28 1.59 -0.63	33.23 1.38 -3.07	31.13 1.64 -0.27	29.43 1.22 -2.77	27.52 1.42 -0.69	27.03 1.55 -0.11
HUNTINGTON_RES_REC 323705	39.01 2.95 -5.36	32.64 2.65 -1.79	30.67 2.58 0.00	30.73 2.56 0.00	31.59 2.50 -0.74	40.98 2.77 -8.74	48.45 3.82 -7.52	54.96 4.11 -12.51	43.46 3.62 -6.29	32.86 2.80 0.00	28.47 2.42 0.00	27.22 2.08 0.00	26.55 1.67 0.00	26.82 1.78 0.00	27.29 2.07 0.00	35.54 2.97 -6.27	41.68 3.25 -9.11	54.11 3.64 -18.26	60.55 3.67 -23.81	50.23 3.34 -18.11	41.83 3.19 -9.41	39.97 2.82 -11.72	36.79 2.74 -8.64	32.21 2.64 -4.20
HUNTLEY___63 23557	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.11 -2.06 0.00	26.25 -2.10 0.00	28.21 -1.27 0.00	34.69 -2.41 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.26 -1.80 0.00	24.64 -1.41 0.00	23.55 -1.58 0.00	23.01 -1.87 0.00	23.29 -1.75 0.00	23.28 -1.94 0.00	24.19 -2.10 0.00	26.54 -2.81 -0.03	29.13 -3.22 -0.14	29.81 -3.34 -0.08	26.75 -2.45 -0.42	26.49 -2.78 -0.04	23.44 -2.37 -0.37	23.19 -2.31 -0.09	22.44 -2.94 -0.02
HUNTLEY___64 23558	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.11 -2.06 0.00	26.25 -2.10 0.00	28.21 -1.27 0.00	34.69 -2.41 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.26 -1.80 0.00	24.64 -1.41 0.00	23.55 -1.58 0.00	23.01 -1.87 0.00	23.29 -1.75 0.00	23.28 -1.94 0.00	24.19 -2.10 0.00	26.54 -2.81 -0.03	29.13 -3.22 -0.14	29.81 -3.34 -0.08	26.75 -2.45 -0.42	26.49 -2.78 -0.04	23.44 -2.37 -0.37	23.19 -2.31 -0.09	22.44 -2.94 -0.02
HUNTLEY___65 23559	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.11 -2.06 0.00	26.25 -2.10 0.00	28.21 -1.27 0.00	34.69 -2.41 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.26 -1.80 0.00	24.64 -1.41 0.00	23.55 -1.58 0.00	23.01 -1.87 0.00	23.29 -1.75 0.00	23.28 -1.94 0.00	24.19 -2.10 0.00	26.54 -2.81 -0.03	29.13 -3.22 -0.14	29.81 -3.34 -0.08	26.75 -2.45 -0.42	26.49 -2.78 -0.04	23.44 -2.37 -0.37	23.19 -2.31 -0.09	22.44 -2.94 -0.02
HUNTLEY___66 23560	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.11 -2.06 0.00	26.25 -2.10 0.00	28.21 -1.27 0.00	34.69 -2.41 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.26 -1.80 0.00	24.64 -1.41 0.00	23.55 -1.58 0.00	23.01 -1.87 0.00	23.29 -1.75 0.00	23.28 -1.94 0.00	24.19 -2.10 0.00	26.54 -2.81 -0.03	29.13 -3.22 -0.14	29.81 -3.34 -0.08	26.75 -2.45 -0.42	26.49 -2.78 -0.04	23.44 -2.37 -0.37	23.19 -2.31 -0.09	22.44 -2.94 -0.02
HUNTLEY___67 23561	28.59 -2.12 0.00	26.40 -1.80 0.00	25.95 -2.13 0.00	26.05 -2.11 0.00	26.20 -2.15 0.00	28.12 -1.36 0.00	34.62 -2.49 0.00	35.32 -3.11 -0.08	30.73 -2.95 -0.14	28.20 -1.86 0.00	24.62 -1.43 0.00	23.52 -1.61 0.00	23.01 -1.87 0.00	23.26 -1.78 0.00	23.25 -1.97 0.00	24.19 -2.10 0.00	26.51 -2.84 -0.03	29.10 -3.25 -0.14	29.78 -3.37 -0.09	26.70 -2.50 -0.42	26.46 -2.81 -0.04	23.42 -2.39 -0.38	23.19 -2.31 -0.09	22.49 -2.89 -0.02
HUNTLEY___68 23562	28.59 -2.12 0.00	26.40 -1.80 0.00	25.95 -2.13 0.00	26.05 -2.11 0.00	26.20 -2.15 0.00	28.12 -1.36 0.00	34.62 -2.49 0.00	35.32 -3.11 -0.08	30.73 -2.95 -0.14	28.20 -1.86 0.00	24.62 -1.43 0.00	23.52 -1.61 0.00	23.01 -1.87 0.00	23.26 -1.78 0.00	23.25 -1.97 0.00	24.19 -2.10 0.00	26.51 -2.84 -0.03	29.10 -3.25 -0.14	29.78 -3.37 -0.09	26.70 -2.50 -0.42	26.46 -2.81 -0.04	23.42 -2.39 -0.38	23.19 -2.31 -0.09	22.49 -2.89 -0.02

HYLAND___LFGE 323620	31.53 0.83 0.00	28.99 0.79 0.00	28.53 0.45 0.00	28.64 0.48 0.00	29.14 0.79 0.00	30.77 1.30 0.00	38.40 1.30 0.00	39.98 1.54 -0.10	34.83 1.11 -0.18	31.12 1.05 0.00	26.80 0.76 0.00	25.51 0.38 0.00	25.00 0.13 0.00	25.24 0.20 0.00	25.34 0.13 0.00	26.61 0.32 0.00	29.86 0.50 -0.04	33.16 0.77 -0.18	34.03 0.86 -0.11	30.00 0.69 -0.53	29.83 0.55 -0.05	26.22 0.31 -0.48	25.71 0.18 -0.12	25.59 0.20 -0.02
INDECK___CORINTH 23802	31.41 0.71 0.00	28.88 0.68 0.00	28.70 0.62 0.00	28.78 0.62 0.00	28.95 0.60 0.00	30.21 0.74 0.00	38.36 1.26 0.00	40.60 1.61 -0.64	35.90 1.24 -1.11	30.91 0.84 0.00	26.62 0.57 0.00	25.43 0.30 0.00	24.90 0.02 0.00	25.19 0.15 0.00	25.70 0.48 0.00	27.03 0.74 0.00	30.62 1.03 -0.27	34.46 1.13 -1.13	34.91 1.16 -0.68	33.10 0.98 -0.34	30.57 1.05 -0.29	29.27 0.81 -3.02	27.59 1.42 -0.76	26.84 1.34 -0.12
INDECK___ILION 23567	31.23 0.52 0.00	28.68 0.48 0.00	28.53 0.45 0.00	28.61 0.45 0.00	28.81 0.45 0.00	29.95 0.47 0.00	37.73 0.63 0.00	38.92 0.58 0.00	34.01 0.47 0.00	30.43 0.36 0.00	26.36 0.31 0.00	25.38 0.25 0.00	25.08 0.20 0.00	25.24 0.20 0.00	25.49 0.28 0.00	26.67 0.37 0.00	29.67 0.35 0.00	32.63 0.42 0.00	33.50 0.43 0.00	29.16 0.37 0.00	29.55 0.32 0.00	25.74 0.31 0.00	25.71 0.30 0.00	25.62 0.25 0.00
INDECK___OLEAN 23982	29.35 -1.35 0.00	27.10 -1.10 0.00	26.57 -1.52 0.00	26.70 -1.47 0.00	27.25 -1.11 0.00	28.83 -0.65 0.00	35.28 -1.82 0.00	35.80 -2.65 -0.10	31.13 -2.58 -0.17	29.01 -1.05 0.00	25.40 -0.65 0.00	24.23 -0.90 0.00	23.84 -1.04 0.00	23.99 -1.05 0.00	23.96 -1.26 0.00	24.93 -1.37 0.00	26.96 -2.40 -0.04	29.31 -3.06 -0.17	29.99 -3.17 -0.10	26.80 -2.48 -0.50	26.61 -2.66 -0.04	23.46 -2.42 -0.45	23.13 -2.39 -0.11	23.03 -2.36 -0.02
INDECK___OSWEGO 23783	29.69 -1.01 0.00	27.30 -0.90 0.00	27.10 -0.98 0.00	27.21 -0.96 0.00	27.44 -0.91 0.00	28.62 -0.86 0.00	35.91 -1.19 0.00	37.21 -1.19 -0.05	32.55 -1.07 -0.08	29.10 -0.96 0.00	25.24 -0.81 0.00	24.23 -0.90 0.00	23.88 -1.00 0.00	24.09 -0.95 0.00	24.28 -0.93 0.00	25.40 -0.89 0.00	28.38 -0.97 -0.02	31.29 -1.00 -0.08	32.16 -0.96 -0.05	28.23 -0.81 -0.25	28.34 -0.91 -0.02	24.84 -0.81 -0.23	24.63 -0.84 -0.06	24.54 -0.84 -0.01
INDECK___YERKES 23781	28.74 -1.97 0.00	26.60 -1.61 0.00	26.04 -2.05 0.00	26.13 -2.03 0.00	26.71 -1.65 0.00	28.24 -1.24 0.00	34.10 -3.00 0.00	35.47 -2.95 -0.08	30.87 -2.82 -0.14	28.02 -2.05 0.00	24.67 -1.38 0.00	23.57 -1.56 0.00	23.16 -1.72 0.00	23.34 -1.70 0.00	23.28 -1.94 0.00	24.22 -2.08 0.00	26.54 -2.82 -0.03	29.16 -3.19 -0.14	29.85 -3.31 -0.08	26.75 -2.45 -0.42	26.52 -2.75 -0.04	23.44 -2.36 -0.37	23.32 -2.19 -0.09	23.41 -1.98 -0.02
INDIAN POINT_GT_1 24139	32.73 2.03 0.00	30.04 1.83 0.00	29.85 1.77 0.00	29.91 1.75 0.00	30.11 1.76 0.00	31.30 1.83 0.00	39.66 2.56 0.00	41.84 2.99 -0.50	37.19 2.78 -0.86	32.35 2.28 0.00	28.08 2.03 0.00	26.84 1.71 0.00	26.30 1.42 0.00	26.49 1.45 0.00	26.98 1.77 0.00	28.43 2.13 0.00	31.91 2.38 -0.21	35.73 2.64 -0.88	36.34 2.74 -0.53	33.83 2.45 -2.60	31.82 2.37 -0.23	29.81 2.03 -2.35	27.95 1.96 -0.59	27.27 1.80 -0.10
INDIAN POINT_GT_2 23659	32.73 2.03 0.00	30.04 1.83 0.00	29.85 1.77 0.00	29.91 1.75 0.00	30.11 1.76 0.00	31.30 1.83 0.00	39.66 2.56 0.00	41.84 2.99 -0.50	37.19 2.78 -0.86	32.35 2.28 0.00	28.08 2.03 0.00	26.84 1.71 0.00	26.30 1.42 0.00	26.49 1.45 0.00	26.98 1.77 0.00	28.43 2.13 0.00	31.91 2.38 -0.21	35.73 2.64 -0.88	36.34 2.74 -0.53	33.83 2.45 -2.60	31.82 2.37 -0.23	29.81 2.03 -2.35	27.95 1.96 -0.59	27.27 1.80 -0.10
INDIAN POINT_GT_3 24019	32.73 2.03 0.00	30.04 1.83 0.00	29.85 1.77 0.00	29.91 1.75 0.00	30.11 1.76 0.00	31.30 1.83 0.00	39.66 2.56 0.00	41.84 2.99 -0.50	37.19 2.78 -0.86	32.35 2.28 0.00	28.08 2.03 0.00	26.84 1.71 0.00	26.30 1.42 0.00	26.49 1.45 0.00	26.98 1.77 0.00	28.43 2.13 0.00	31.91 2.38 -0.21	35.73 2.64 -0.88	36.34 2.74 -0.53	33.83 2.45 -2.60	31.82 2.37 -0.23	29.81 2.03 -2.35	27.95 1.96 -0.59	27.27 1.80 -0.10
INDIAN POINT___2 23530	32.67 1.97 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.88 1.72 0.00	29.97 1.62 0.00	31.27 1.80 0.00	39.74 2.63 0.00	41.75 2.91 -0.49	37.11 2.72 -0.85	32.32 2.26 0.00	28.05 2.01 0.00	26.79 1.66 0.00	26.25 1.37 0.00	26.52 1.48 0.00	26.98 1.76 0.00	28.40 2.10 0.00	31.85 2.32 -0.21	35.68 2.61 -0.87	36.27 2.68 -0.53	33.74 2.39 -2.57	31.76 2.31 -0.22	29.79 2.04 -2.32	27.87 1.88 -0.58	27.29 1.83 -0.10
INDIAN POINT___3 23531	32.70 2.00 0.00	30.01 1.80 0.00	29.83 1.74 0.00	29.88 1.72 0.00	30.08 1.73 0.00	31.30 1.83 0.00	39.62 2.52 0.00	41.80 2.95 -0.50	37.12 2.72 -0.86	32.29 2.22 0.00	28.05 2.01 0.00	26.82 1.68 0.00	26.27 1.39 0.00	26.49 1.45 0.00	26.96 1.74 0.00	28.40 2.10 0.00	31.88 2.35 -0.21	35.69 2.61 -0.88	36.31 2.71 -0.53	33.80 2.42 -2.60	31.76 2.31 -0.23	29.76 1.98 -2.35	27.93 1.93 -0.59	27.24 1.78 -0.10
INGHAM_C_115KV_TB7 356103	31.32 0.61 0.00	28.74 0.54 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.83 0.48 0.00	30.01 0.53 0.00	37.73 0.63 0.00	38.84 0.50 0.00	33.91 0.37 0.00	30.37 0.30 0.00	26.31 0.26 0.00	25.38 0.25 0.00	25.05 0.17 0.00	25.24 0.20 0.00	25.49 0.28 0.00	26.61 0.32 0.00	29.53 0.21 0.00	32.43 0.23 0.00	33.23 0.17 0.00	28.90 0.12 0.00	29.29 0.06 0.00	25.56 0.13 0.00	25.53 0.13 0.00	25.50 0.13 0.00
IP CORINTH___1 23988	31.60 0.89 0.00	29.05 0.85 0.00	28.84 0.76 0.00	28.92 0.76 0.00	29.15 0.79 0.00	30.36 0.88 0.00	38.51 1.41 0.00	40.83 1.84 -0.64	36.10 1.44 -1.11	31.03 0.96 0.00	26.78 0.73 0.00	25.58 0.45 0.00	25.05 0.17 0.00	25.29 0.25 0.00	25.80 0.58 0.00	27.19 0.89 0.00	30.77 1.17 -0.27	34.66 1.32 -1.13	35.07 1.32 -0.68	33.28 1.15 -0.34	30.75 1.23 -0.29	29.39 0.94 -3.02	26.93 0.76 -0.76	26.79 1.29 -0.12
IP___TICONDEROGA 23804	32.82 2.12 0.00	30.12 1.92 0.00	29.91 1.83 0.00	29.99 1.83 0.00	30.22 1.87 0.00	31.60 2.12 0.00	40.29 3.19 0.00	42.75 3.76 -0.64	37.57 2.92 -1.11	32.17 2.10 0.00	27.66 1.61 0.00	26.34 1.21 0.00	25.70 0.82 0.00	25.99 0.95 0.00	26.55 1.34 0.00	28.09 1.79 0.00	31.97 2.38 -0.27	36.07 2.74 -1.13	36.49 2.74 -0.68	34.48 2.36 -0.34	32.03 2.51 -0.29	30.38 1.93 -3.02	27.79 1.63 -0.76	27.52 2.03 -0.12
ISLIP_RES_REC 323679	39.59 3.53 -5.36	33.18 3.19 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.16 3.06 -0.74	41.54 3.33 -8.74	49.41 4.79 -7.52	56.11 5.25 -12.51	44.43 4.60 -6.29	33.67 3.61 0.00	29.17 3.12 0.00	27.90 2.76 0.00	27.17 2.29 0.00	27.47 2.43 0.00	27.94 2.72 0.00	36.06 3.50 -6.27	42.48 4.05 -9.11	55.08 4.61 -18.26	61.51 4.63 -23.81	51.10 4.20 -18.11	42.67 4.03 -9.41	40.58 3.43 -11.72	37.28 3.23 -8.64	32.69 3.12 -4.20

JAMAICA__27_KV_LOAD 355505	33.07 2.36 0.00	30.35 2.14 0.00	30.13 2.05 0.00	30.16 2.00 0.00	30.39 2.04 0.00	31.60 2.12 0.00	40.22 3.12 0.00	42.49 3.64 -0.51	37.90 3.49 -0.87	32.92 2.86 0.00	30.67 2.71 -1.91	28.48 2.26 -1.08	28.23 1.94 -1.41	29.33 2.13 -2.16	30.35 2.45 -2.69	30.50 2.73 -1.47	36.12 3.20 -3.60	41.37 3.51 -5.65	40.63 3.67 -3.90	37.61 3.25 -5.57	32.41 2.95 -0.23	30.33 2.52 -2.37	28.44 2.44 -0.59	27.67 2.21 -0.10
JANIS__SOLAR 323808	32.52 1.81 0.00	29.84 1.64 0.00	29.60 1.52 0.00	29.71 1.55 0.00	30.08 1.73 0.00	31.63 2.15 0.00	39.70 2.60 0.00	41.18 2.68 -0.15	35.88 2.08 -0.25	31.72 1.65 0.00	27.25 1.20 0.00	26.01 0.88 0.00	25.60 0.72 0.00	25.84 0.80 0.00	26.08 0.86 0.00	27.56 1.26 0.00	31.03 1.64 -0.06	34.46 2.00 -0.26	35.44 2.22 -0.16	31.48 1.93 -0.77	31.05 1.75 -0.07	27.40 1.27 -0.69	26.75 1.17 -0.17	26.51 1.12 -0.03
JARVIS____ 23743	31.01 0.31 0.00	28.48 0.28 0.00	28.34 0.25 0.00	28.42 0.25 0.00	28.61 0.25 0.00	29.77 0.29 0.00	37.51 0.41 0.00	38.73 0.38 0.00	33.88 0.34 0.00	30.33 0.27 0.00	26.28 0.23 0.00	25.28 0.15 0.00	24.95 0.07 0.00	25.14 0.10 0.00	25.40 0.18 0.00	26.53 0.24 0.00	29.59 0.26 0.00	32.59 0.39 0.00	33.46 0.40 0.00	29.13 0.35 0.00	29.55 0.32 0.00	25.71 0.28 0.00	25.69 0.28 0.00	25.62 0.25 0.00
JENNISON____1 23625	32.95 2.24 0.00	30.20 2.00 0.00	29.97 1.88 0.00	30.11 1.94 0.00	30.36 2.01 0.00	31.95 2.48 0.00	40.29 3.19 0.00	41.79 3.26 -0.18	36.48 2.62 -0.32	32.35 2.28 0.00	27.85 1.80 0.00	26.56 1.43 0.00	26.12 1.24 0.00	26.34 1.30 0.00	26.63 1.41 0.00	28.11 1.81 0.00	31.54 2.14 -0.08	35.01 2.48 -0.33	35.94 2.68 -0.20	32.11 2.36 -0.97	31.53 2.22 -0.08	28.01 1.70 -0.88	27.25 1.63 -0.22	26.80 1.40 -0.04
JENNISON____2 23626	32.95 2.24 0.00	30.20 2.00 0.00	29.97 1.88 0.00	30.11 1.94 0.00	30.36 2.01 0.00	31.95 2.48 0.00	40.29 3.19 0.00	41.79 3.26 -0.18	36.48 2.62 -0.32	32.35 2.28 0.00	27.85 1.80 0.00	26.56 1.43 0.00	26.12 1.24 0.00	26.34 1.30 0.00	26.63 1.41 0.00	28.11 1.81 0.00	31.54 2.14 -0.08	35.01 2.48 -0.33	35.94 2.68 -0.20	32.11 2.36 -0.97	31.53 2.22 -0.08	28.01 1.70 -0.88	27.25 1.63 -0.22	26.80 1.40 -0.04
JERICOHO_RISE_WT_PWR 323719	31.38 0.67 0.00	28.82 0.62 0.00	28.79 0.70 0.00	28.89 0.73 0.00	29.06 0.71 0.00	30.12 0.65 0.00	37.62 0.52 0.00	38.84 0.50 0.00	33.95 0.40 0.00	30.43 0.36 0.00	26.26 0.21 0.00	25.53 0.40 0.00	25.55 0.67 0.00	25.59 0.55 0.00	25.50 0.28 0.00	26.40 0.11 0.00	29.44 0.12 0.00	32.17 -0.03 0.00	32.90 -0.16 0.00	28.32 -0.46 0.00	28.82 -0.41 0.00	25.00 -0.43 0.00	24.92 -0.48 0.00	25.04 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	32.88 2.18 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.22 1.87 0.00	31.42 1.95 0.00	39.81 2.71 0.00	42.05 3.18 -0.52	37.36 2.92 -0.90	32.41 2.35 0.00	28.16 2.11 0.00	26.87 1.73 0.00	26.30 1.42 0.00	26.52 1.48 0.00	27.01 1.79 0.00	28.48 2.18 0.00	32.01 2.46 -0.22	35.86 2.74 -0.92	36.47 2.84 -0.56	34.03 2.53 -2.72	31.92 2.46 -0.24	29.97 2.09 -2.45	28.00 1.98 -0.61	27.30 1.83 -0.10
KCE_NY_1 323755	32.33 1.63 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.57 1.41 0.00	29.77 1.42 0.00	31.01 1.53 0.00	39.22 2.11 0.00	41.48 2.49 -0.64	36.73 2.08 -1.11	31.72 1.65 0.00	27.40 1.35 0.00	26.19 1.06 0.00	25.65 0.77 0.00	25.94 0.90 0.00	26.43 1.21 0.00	27.77 1.47 0.00	31.35 1.76 -0.27	35.23 1.90 -1.13	35.70 1.95 -0.68	33.84 1.73 -3.34	31.27 1.75 -0.29	29.89 1.45 -3.01	27.71 1.55 -0.75	26.99 1.50 -0.12
KCE_NY_6_ESR 323823	29.02 -1.69 0.00	26.85 -1.35 0.00	26.29 -1.80 0.00	26.39 -1.77 0.00	26.96 -1.39 0.00	28.50 -0.97 0.00	34.62 -2.49 0.00	35.78 -2.65 -0.08	31.11 -2.58 -0.14	28.44 -1.62 0.00	25.03 -1.02 0.00	23.90 -1.23 0.00	23.49 -1.39 0.00	23.66 -1.38 0.00	23.63 -1.59 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.36 -2.99 -0.15	30.01 -3.14 -0.09	26.91 -2.30 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.35 -2.16 -0.10	23.41 -1.98 -0.02
KEDC_PORT_JEFF_GT2 24210	39.62 3.56 -5.36	33.18 3.19 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.16 3.06 -0.74	41.54 3.33 -8.74	49.37 4.75 -7.52	56.07 5.21 -12.51	44.39 4.56 -6.29	33.61 3.55 0.00	29.12 3.07 0.00	27.85 2.72 0.00	27.14 2.26 0.00	27.42 2.38 0.00	27.89 2.67 0.00	36.06 3.50 -6.27	42.45 4.02 -9.11	55.08 4.61 -18.26	61.28 4.40 -23.81	51.07 4.17 -18.11	42.67 4.03 -9.41	40.58 3.43 -11.72	37.28 3.23 -8.64	32.69 3.12 -4.20
KEDC_PORT_JEFF_GT3 24211	39.62 3.56 -5.36	33.18 3.19 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.16 3.06 -0.74	41.54 3.33 -8.74	49.37 4.75 -7.52	56.07 5.21 -12.51	44.39 4.56 -6.29	33.61 3.55 0.00	29.12 3.07 0.00	27.85 2.72 0.00	27.14 2.26 0.00	27.42 2.38 0.00	27.89 2.67 0.00	36.06 3.50 -6.27	42.45 4.02 -9.11	55.08 4.61 -18.26	61.28 4.40 -23.81	51.07 4.17 -18.11	42.67 4.03 -9.41	40.58 3.43 -11.72	37.28 3.23 -8.64	32.69 3.12 -4.20
KEDC_GLWD_GT4 24219	39.22 3.16 -5.36	32.84 2.85 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.79 2.69 -0.74	41.19 2.98 -8.74	48.37 3.75 -7.52	55.00 4.14 -12.51	43.96 4.12 -6.29	33.37 3.31 0.00	28.94 2.89 0.00	27.67 2.54 0.00	26.99 2.11 0.00	27.27 2.23 0.00	27.74 2.52 0.00	35.72 3.15 -6.27	41.86 3.43 -9.11	54.11 3.64 -18.26	60.68 3.80 -23.81	50.23 3.34 -18.11	41.85 3.22 -9.41	40.22 3.08 -11.72	36.92 2.87 -8.64	32.38 2.82 -4.20
KEDC_GLWD_GT5 24220	39.22 3.16 -5.36	32.84 2.85 -1.79	30.84 2.75 0.00	30.89 2.73 0.00	31.79 2.69 -0.74	41.19 2.98 -8.74	48.37 3.75 -7.52	55.00 4.14 -12.51	43.96 4.12 -6.29	33.37 3.31 0.00	28.94 2.89 0.00	27.67 2.54 0.00	26.99 2.11 0.00	27.27 2.23 0.00	27.74 2.52 0.00	35.72 3.15 -6.27	41.86 3.43 -9.11	54.11 3.64 -18.26	60.68 3.80 -23.81	50.23 3.34 -18.11	41.85 3.22 -9.41	40.22 3.08 -11.72	36.92 2.87 -8.64	32.38 2.82 -4.20
KENSICO____ 23655	32.79 2.09 0.00	30.12 1.92 0.00	29.94 1.85 0.00	29.99 1.83 0.00	30.19 1.84 0.00	31.39 1.92 0.00	39.77 2.67 0.00	41.96 3.11 -0.50	37.30 2.88 -0.87	32.44 2.38 0.00	28.18 2.14 0.00	26.92 1.78 0.00	26.37 1.49 0.00	26.59 1.55 0.00	27.08 1.87 0.00	28.53 2.24 0.00	32.03 2.49 -0.21	35.86 2.77 -0.88	36.45 2.84 -0.54	33.93 2.53 -2.62	31.91 2.46 -0.23	29.91 2.11 -2.37	28.03 2.03 -0.59	27.34 1.88 -0.10
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.82 2.12 0.00	30.12 1.92 0.00	29.97 1.88 0.00	30.02 1.86 0.00	30.22 1.87 0.00	31.54 2.06 0.00	40.00 2.89 0.00	41.82 2.99 -0.48	37.12 2.75 -0.83	32.26 2.19 0.00	27.95 1.90 0.00	26.64 1.51 0.00	25.85 0.97 0.00	26.07 1.03 0.00	26.55 1.34 0.00	28.01 1.71 0.00	31.52 1.99 -0.20	35.40 2.35 -0.84	35.99 2.41 -0.51	33.43 2.16 -2.49	31.78 2.34 -0.22	29.62 1.93 -2.25	27.78 1.80 -0.56	27.11 1.65 -0.09

KIAC_JFK_GT1 23816	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.51 2.03 0.00	40.07 2.97 0.00	42.38 3.53 -0.51	37.77 3.35 -0.87	32.83 2.77 0.00	30.59 2.63 -1.91	28.40 2.19 -1.08	28.16 1.87 -1.41	29.25 2.05 -2.16	30.25 2.35 -2.69	30.42 2.66 -1.47	36.00 3.08 -3.60	41.27 3.41 -5.65	40.50 3.54 -3.90	37.49 3.14 -5.57	32.32 2.86 -0.23	30.22 2.42 -2.37	28.36 2.36 -0.59	27.60 2.13 -0.10
KIAC_JFK_GT2 23817	32.98 2.27 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.51 2.03 0.00	40.07 2.97 0.00	42.38 3.53 -0.51	37.77 3.35 -0.87	32.83 2.77 0.00	30.59 2.63 -1.91	28.40 2.19 -1.08	28.16 1.87 -1.41	29.25 2.05 -2.16	30.25 2.35 -2.69	30.42 2.66 -1.47	36.00 3.08 -3.60	41.27 3.41 -5.65	40.50 3.54 -3.90	37.49 3.14 -5.57	32.32 2.86 -0.23	30.22 2.42 -2.37	28.36 2.36 -0.59	27.60 2.13 -0.10
KIAC_JFK____ 323774	32.95 2.24 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.14 1.79 0.00	31.51 2.03 0.00	40.25 3.15 0.00	42.38 3.53 -0.51	37.77 3.35 -0.87	32.86 2.80 0.00	30.59 2.63 -1.91	28.40 2.19 -1.08	28.16 1.87 -1.41	29.28 2.08 -2.16	30.30 2.40 -2.69	30.42 2.65 -1.47	36.00 3.08 -3.60	41.27 3.41 -5.65	40.50 3.54 -3.90	37.49 3.14 -5.57	32.29 2.83 -0.23	30.33 2.52 -2.37	28.31 2.31 -0.59	27.68 2.21 -0.11
KINTIGH____ 23543	28.62 -2.09 0.00	26.40 -1.80 0.00	26.03 -2.05 0.00	26.14 -2.03 0.00	26.28 -2.07 0.00	28.09 -1.39 0.00	34.69 -2.41 0.00	35.77 -2.65 -0.07	31.16 -2.52 -0.13	28.20 -1.86 0.00	24.59 -1.46 0.00	23.55 -1.58 0.00	23.04 -1.84 0.00	23.31 -1.73 0.00	23.30 -1.92 0.00	24.30 -2.00 0.00	26.89 -2.46 -0.03	29.63 -2.71 -0.13	30.37 -2.78 -0.08	27.15 -2.01 -0.38	26.95 -2.31 -0.03	23.87 -1.91 -0.34	23.61 -1.88 -0.09	22.77 -2.61 -0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	32.06 1.35 0.00	29.44 1.24 0.00	29.38 1.29 0.00	29.51 1.35 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.36 1.26 0.00	39.65 1.30 0.00	34.62 1.07 0.00	31.03 0.96 0.00	26.70 0.65 0.00	25.94 0.80 0.00	25.92 1.04 0.00	26.02 0.98 0.00	25.92 0.71 0.00	26.85 0.55 0.00	29.97 0.65 0.00	32.75 0.55 0.00	33.50 0.43 0.00	28.78 0.00 0.00	29.29 0.06 0.00	25.38 -0.05 0.00	25.26 -0.15 0.00	25.70 0.33 0.00
LACHUTE____HYDRO 323717	32.82 2.12 0.00	30.12 1.92 0.00	29.91 1.82 0.00	29.99 1.83 0.00	30.19 1.84 0.00	31.60 2.12 0.00	40.33 3.23 0.00	42.75 3.76 -0.64	37.57 2.92 -1.11	32.20 2.13 0.00	27.66 1.62 0.00	26.34 1.21 0.00	25.68 0.80 0.00	26.04 1.00 0.00	26.60 1.39 0.00	28.09 1.79 0.00	31.97 2.37 -0.27	36.04 2.71 -1.13	36.49 2.74 -0.68	34.48 2.36 -3.34	32.03 2.51 -0.29	30.38 1.93 -3.02	28.37 2.21 -0.76	27.60 2.10 -0.12
LAWRNCV_115KV_TB1 80681	30.21 -0.49 0.00	27.72 -0.48 0.00	27.72 -0.37 0.00	27.82 -0.34 0.00	28.01 -0.34 0.00	28.92 -0.56 0.00	36.25 -0.85 0.00	37.43 -0.92 0.00	32.71 -0.84 0.00	29.28 -0.78 0.00	25.27 -0.78 0.00	24.60 -0.53 0.00	24.66 -0.22 0.00	24.76 -0.28 0.00	24.66 -0.55 0.00	25.54 -0.76 0.00	28.50 -0.82 0.00	31.18 -1.03 0.00	31.98 -1.09 0.00	27.63 -1.15 0.00	28.18 -1.05 0.00	24.49 -0.94 0.00	24.47 -0.94 0.00	24.89 -0.48 0.00
LEDERLE____ 23769	32.79 2.09 0.00	30.09 1.89 0.00	29.91 1.83 0.00	29.97 1.80 0.00	30.17 1.81 0.00	31.39 1.92 0.00	39.77 2.67 0.00	41.90 3.07 -0.49	37.20 2.82 -0.84	32.38 2.31 0.00	28.13 2.08 0.00	26.87 1.73 0.00	26.32 1.44 0.00	26.52 1.48 0.00	27.01 1.79 0.00	28.45 2.16 0.00	31.93 2.40 -0.21	35.77 2.71 -0.86	36.40 2.81 -0.52	33.82 2.50 -2.53	31.85 2.40 -0.22	29.78 2.06 -2.29	27.96 1.98 -0.57	27.29 1.83 -0.09
LIGHTHSE_115KV_TB6 355974	30.12 -0.58 0.00	27.64 -0.56 0.00	27.47 -0.62 0.00	27.57 -0.59 0.00	27.73 -0.62 0.00	28.97 -0.50 0.00	36.43 -0.67 0.00	37.70 -0.69 -0.04	32.88 -0.74 -0.08	29.46 -0.60 0.00	25.47 -0.57 0.00	24.45 -0.68 0.00	24.11 -0.77 0.00	24.31 -0.73 0.00	24.46 -0.76 0.00	25.67 -0.63 0.00	28.67 -0.67 -0.02	31.61 -0.68 -0.08	32.52 -0.60 -0.05	28.52 -0.49 -0.23	28.63 -0.61 -0.02	25.06 -0.58 -0.21	24.85 -0.61 -0.05	24.62 -0.76 -0.01
LINDEN COGEN____ 23786	32.76 2.06 0.00	30.03 1.83 0.00	29.91 1.82 0.00	29.94 1.78 0.00	30.00 1.64 0.00	31.30 1.83 0.00	39.89 2.78 0.00	41.88 3.03 -0.51	37.37 2.95 -0.87	32.53 2.47 0.00	30.20 2.24 -1.91	28.10 1.89 -1.08	27.86 1.57 -1.41	28.90 1.70 -2.16	29.89 1.99 -2.69	30.11 2.34 -1.47	35.53 2.61 -3.60	40.69 2.83 -5.65	39.90 2.94 -3.90	37.00 2.65 -5.57	31.97 2.51 -0.23	30.05 2.24 -2.37	28.06 2.06 -0.59	27.51 2.03 -0.11
LINDHRST_69_KV_BK1 356055	39.25 3.19 -5.36	32.90 2.90 -1.79	30.89 2.81 0.00	30.95 2.79 0.00	31.90 2.81 -0.74	41.19 2.98 -8.74	48.74 4.12 -7.52	55.50 4.64 -12.51	43.99 4.16 -6.29	33.34 3.28 0.00	28.91 2.87 0.00	27.62 2.49 0.00	26.97 2.09 0.00	27.19 2.15 0.00	27.66 2.45 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.56 4.09 -18.26	61.11 4.23 -23.81	50.64 3.74 -18.11	42.26 3.62 -9.41	40.20 3.05 -11.72	37.00 2.95 -8.64	32.31 2.74 -4.20
LIPA_MISC_IPP 23656	39.41 3.35 -5.36	33.04 3.05 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	32.07 2.98 -0.74	41.34 3.12 -8.74	49.00 4.38 -7.52	55.77 4.91 -12.51	44.16 4.33 -6.29	33.43 3.37 0.00	28.97 2.92 0.00	27.70 2.56 0.00	27.02 2.14 0.00	27.24 2.20 0.00	27.74 2.52 0.00	35.85 3.29 -6.27	42.24 3.81 -9.11	54.76 4.28 -18.26	61.28 4.40 -23.81	50.84 3.94 -18.11	42.44 3.80 -9.41	40.33 3.18 -11.72	37.12 3.07 -8.64	32.44 2.87 -4.20
LISF____SOLAR 323691	39.47 3.41 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.02 2.92 -0.74	41.40 3.18 -8.74	49.19 4.56 -7.52	55.88 5.02 -12.51	44.23 4.39 -6.29	33.52 3.46 0.00	29.02 2.97 0.00	27.75 2.61 0.00	27.04 2.16 0.00	27.32 2.28 0.00	27.82 2.60 0.00	35.91 3.34 -6.27	42.27 3.84 -9.11	54.85 4.38 -18.26	61.28 4.40 -23.81	50.89 4.00 -18.11	42.53 3.89 -9.41	40.43 3.28 -11.72	37.15 3.10 -8.64	32.56 2.99 -4.20
LITTLE FALLS____HYD 24013	31.32 0.61 0.00	28.74 0.54 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.83 0.48 0.00	30.01 0.53 0.00	37.73 0.63 0.00	38.84 0.50 0.00	33.91 0.37 0.00	30.37 0.30 0.00	26.31 0.26 0.00	25.38 0.25 0.00	25.05 0.17 0.00	25.24 0.20 0.00	25.49 0.28 0.00	26.61 0.32 0.00	29.53 0.21 0.00	32.43 0.23 0.00	33.23 0.17 0.00	28.90 0.12 0.00	29.29 0.06 0.00	25.56 0.13 0.00	25.53 0.13 0.00	25.50 0.13 0.00
LITTLRIV_115KV_TB1 356100	30.55 -0.15 0.00	28.00 -0.20 0.00	28.00 -0.08 0.00	28.13 -0.03 0.00	28.32 -0.03 0.00	29.27 -0.21 0.00	36.77 -0.33 0.00	37.96 -0.38 0.00	33.14 -0.40 0.00	29.70 -0.36 0.00	25.58 -0.47 0.00	24.88 -0.25 0.00	24.98 0.10 0.00	25.09 0.05 0.00	24.99 -0.23 0.00	25.88 -0.42 0.00	28.88 -0.44 0.00	31.59 -0.61 0.00	32.44 -0.63 0.00	28.06 -0.72 0.00	28.58 -0.64 0.00	24.80 -0.64 0.00	24.77 -0.64 0.00	25.19 -0.18 0.00

LI_NEWBRDGE___DRP 323616	38.61 2.55 -5.36	32.34 2.34 -1.79	30.33 2.25 0.00	30.39 2.22 0.00	31.33 2.24 -0.74	40.57 2.36 -8.74	47.81 3.19 -7.52	54.54 3.68 -12.51	43.19 3.35 -6.29	32.74 2.68 0.00	28.39 2.34 0.00	27.14 2.01 0.00	26.52 1.64 0.00	26.74 1.70 0.00	27.21 1.99 0.00	35.19 2.63 -6.27	41.33 2.90 -9.11	53.69 3.22 -18.27	60.22 3.34 -23.81	49.86 2.96 -18.11	41.50 2.86 -9.41	39.62 2.47 -11.72	36.46 2.41 -8.64	31.83 2.26 -4.20
LOCKPORT_115KV_TB60_63_64 80432	28.49 -2.21 0.00	26.28 -1.92 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.11 -2.24 0.00	28.00 -1.47 0.00	34.43 -2.67 0.00	35.20 -3.22 -0.08	30.59 -3.09 -0.13	27.99 -2.07 0.00	24.41 -1.64 0.00	23.32 -1.81 0.00	22.81 -2.06 0.00	23.09 -1.95 0.00	23.05 -2.17 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.59 -2.59 -0.40	26.34 -2.92 -0.04	23.33 -2.47 -0.36	23.08 -2.41 -0.09	22.32 -3.07 -0.01
LOCKPORT___CC1 323769	28.53 -2.18 0.00	26.40 -1.81 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.54 -1.82 0.00	28.00 -1.47 0.00	33.80 -3.30 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.72 -2.35 0.00	24.43 -1.62 0.00	23.35 -1.78 0.00	22.94 -1.94 0.00	23.11 -1.93 0.00	23.05 -2.17 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.57 -2.62 -0.40	26.34 -2.92 -0.04	23.31 -2.49 -0.37	23.19 -2.31 -0.09	23.33 -2.05 -0.02
LOCKPORT___CC2 323770	28.53 -2.18 0.00	26.40 -1.81 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.54 -1.82 0.00	28.00 -1.47 0.00	33.80 -3.30 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.72 -2.35 0.00	24.43 -1.62 0.00	23.35 -1.78 0.00	22.94 -1.94 0.00	23.11 -1.93 0.00	23.05 -2.17 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.57 -2.62 -0.40	26.34 -2.92 -0.04	23.31 -2.49 -0.37	23.19 -2.31 -0.09	23.33 -2.05 -0.02
LOCKPORT___CC3 323771	28.53 -2.18 0.00	26.40 -1.81 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.54 -1.82 0.00	28.00 -1.47 0.00	33.80 -3.30 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.72 -2.35 0.00	24.43 -1.62 0.00	23.35 -1.78 0.00	22.94 -1.94 0.00	23.11 -1.93 0.00	23.05 -2.17 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.57 -2.62 -0.40	26.34 -2.92 -0.04	23.31 -2.49 -0.37	23.19 -2.31 -0.09	23.33 -2.05 -0.02
LONG_LAKE_PHOENIX 24014	29.78 -0.92 0.00	27.36 -0.85 0.00	27.19 -0.90 0.00	27.26 -0.90 0.00	27.47 -0.88 0.00	28.74 -0.74 0.00	36.10 -1.00 0.00	37.32 -1.07 -0.05	32.66 -0.97 -0.09	29.22 -0.84 0.00	25.29 -0.76 0.00	24.28 -0.85 0.00	23.91 -0.97 0.00	24.11 -0.93 0.00	24.31 -0.91 0.00	25.46 -0.84 0.00	28.43 -0.91 -0.02	31.39 -0.90 -0.09	32.23 -0.89 -0.05	28.32 -0.72 -0.26	28.43 -0.82 -0.02	24.90 -0.76 -0.23	24.65 -0.81 -0.06	24.39 -0.99 -0.01
LOVETT___3 23632	32.64 1.93 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.59 2.49 0.00	41.71 2.88 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.00 1.95 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.82 2.29 -0.21	35.61 2.54 -0.86	36.23 2.65 -0.52	33.68 2.36 -2.54	31.73 2.28 -0.22	29.69 1.96 -2.30	27.89 1.91 -0.57	27.21 1.75 -0.09
LOVETT___4 23642	32.64 1.93 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.59 2.49 0.00	41.71 2.88 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.00 1.95 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.82 2.29 -0.21	35.61 2.54 -0.86	36.23 2.65 -0.52	33.68 2.36 -2.54	31.73 2.28 -0.22	29.69 1.96 -2.30	27.89 1.91 -0.57	27.21 1.75 -0.09
LOVETT___5 23593	32.64 1.93 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.59 2.49 0.00	41.71 2.88 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.00 1.95 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.82 2.29 -0.21	35.61 2.54 -0.86	36.23 2.65 -0.52	33.68 2.36 -2.54	31.73 2.28 -0.22	29.69 1.96 -2.30	27.89 1.91 -0.57	27.21 1.75 -0.09
LOWER RAQUET___HYD 24057	30.15 -0.55 0.00	27.67 -0.54 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	27.93 -0.42 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.32 -1.03 -0.01	32.61 -0.94 0.00	29.19 -0.87 0.00	25.16 -0.89 0.00	24.50 -0.63 0.00	24.56 -0.32 0.00	24.59 -0.45 0.00	24.54 -0.68 0.00	25.43 -0.87 0.00	28.39 -0.94 0.00	31.06 -1.16 -0.01	31.85 -1.22 -0.01	27.59 -1.24 -0.04	28.06 -1.17 0.00	24.41 -1.07 -0.04	24.35 -1.07 -0.01	24.56 -0.81 0.00
LOWER___HUDSON 24059	32.21 1.50 0.00	29.58 1.38 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.66 1.30 0.00	30.80 1.33 0.00	38.88 1.78 0.00	41.09 2.11 -0.63	36.48 1.84 -1.09	31.63 1.56 0.00	27.35 1.30 0.00	26.16 1.03 0.00	25.63 0.75 0.00	25.92 0.88 0.00	26.43 1.21 0.00	27.72 1.42 0.00	31.14 1.55 -0.27	35.02 1.71 -1.11	35.49 1.75 -0.67	33.59 1.52 -3.28	31.06 1.55 -0.29	29.72 1.32 -2.96	27.52 1.37 -0.74	26.84 1.34 -0.12
LOWVILLE_115KV_TB2 356335	31.13 0.43 0.00	28.54 0.34 0.00	28.39 0.31 0.00	28.53 0.37 0.00	28.75 0.40 0.00	30.04 0.56 0.00	37.84 0.74 0.00	39.10 0.73 -0.02	34.02 0.44 -0.04	30.37 0.30 0.00	26.15 0.10 0.00	25.11 -0.03 0.00	24.83 -0.05 0.00	25.01 -0.03 0.00	25.19 -0.03 0.00	26.46 0.16 0.00	29.42 0.09 -0.01	32.31 0.06 -0.04	33.16 0.07 -0.02	28.92 0.03 -0.11	29.21 -0.03 -0.01	25.35 -0.18 -0.10	25.20 -0.23 -0.02	25.12 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.30 1.60 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.54 1.38 0.00	29.77 1.42 0.00	30.98 1.50 0.00	39.18 2.08 0.00	41.44 2.45 -0.64	36.70 2.05 -1.11	31.69 1.62 0.00	27.38 1.33 0.00	26.19 1.06 0.00	25.68 0.80 0.00	25.89 0.85 0.00	26.38 1.16 0.00	27.74 1.45 0.00	31.32 1.73 -0.27	35.23 1.90 -1.13	35.67 1.92 -0.68	33.82 1.70 -3.34	31.24 1.72 -0.29	29.90 1.45 -3.01	27.48 1.32 -0.75	26.91 1.42 -0.12
LUTHERNY_35_KV_BK2 355980	32.33 1.63 0.00	29.70 1.49 0.00	29.49 1.40 0.00	29.57 1.41 0.00	29.77 1.42 0.00	31.01 1.53 0.00	39.22 2.11 0.00	41.48 2.49 -0.64	36.73 2.08 -1.11	31.69 1.62 0.00	27.40 1.35 0.00	26.19 1.06 0.00	25.68 0.80 0.00	25.92 0.88 0.00	26.40 1.19 0.00	27.77 1.47 0.00	31.35 1.76 -0.27	35.23 1.90 -1.13	35.70 1.95 -0.68	33.84 1.73 -3.34	31.27 1.75 -0.29	29.90 1.45 -3.01	27.51 1.35 -0.75	26.91 1.42 -0.12
LWR___OSWEGATCHIE_HYD 23850	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.04 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.61 -0.43 0.00	24.66 -0.55 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.49 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.79 -0.58 0.00

LYONS_FALL_HYD 23570	31.38 0.67 0.00	28.77 0.56 0.00	28.62 0.53 0.00	28.73 0.56 0.00	28.97 0.62 0.00	30.24 0.77 0.00	38.10 1.00 0.00	39.36 1.00 -0.02	34.28 0.71 -0.03	30.63 0.57 0.00	26.41 0.36 0.00	25.33 0.20 0.00	25.05 0.18 0.00	25.24 0.20 0.00	25.44 0.23 0.00	26.69 0.40 0.00	29.77 0.44 -0.01	32.73 0.48 -0.03	33.61 0.53 -0.02	29.34 0.46 -0.10	29.62 0.38 -0.01	25.73 0.20 -0.09	25.61 0.18 -0.02	25.55 0.18 0.00
MADISON___COUNTY_LFGE 323628	31.66 0.95 0.00	29.08 0.87 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.23 0.88 0.00	30.62 1.15 0.00	38.55 1.45 0.00	39.80 1.42 -0.03	34.75 1.14 -0.06	31.03 0.96 0.00	26.78 0.73 0.00	25.66 0.53 0.00	25.28 0.40 0.00	25.49 0.45 0.00	25.75 0.53 0.00	27.03 0.74 0.00	30.22 0.88 -0.01	33.33 1.06 -0.06	34.26 1.16 -0.04	29.97 1.01 -0.18	30.18 0.94 -0.02	26.31 0.71 -0.16	26.11 0.66 -0.04	25.91 0.53 -0.01
MALONE___115KV_TB1 356076	31.60 0.89 0.00	28.99 0.79 0.00	28.96 0.87 0.00	29.09 0.93 0.00	29.26 0.91 0.00	30.30 0.83 0.00	37.95 0.85 0.00	39.23 0.88 0.00	34.28 0.74 0.00	30.70 0.63 0.00	26.44 0.39 0.00	25.66 0.53 0.00	25.65 0.77 0.00	25.74 0.70 0.00	25.65 0.43 0.00	26.56 0.26 0.00	29.62 0.29 0.00	32.40 0.19 0.00	33.13 0.07 0.00	28.52 -0.26 0.00	29.02 -0.20 0.00	25.15 -0.28 0.00	25.08 -0.33 0.00	25.45 0.08 0.00
MAPLEWOD_115KV_TB3 80458	32.15 1.44 0.00	29.56 1.35 0.00	29.38 1.29 0.00	29.46 1.30 0.00	29.66 1.30 0.00	30.65 1.18 0.00	38.62 1.52 0.00	40.85 1.88 -0.63	36.27 1.64 -1.08	31.45 1.38 0.00	27.30 1.25 0.00	26.14 1.01 0.00	25.63 0.75 0.00	25.84 0.80 0.00	26.33 1.11 0.00	27.64 1.34 0.00	31.05 1.47 -0.26	34.82 1.51 -1.10	35.29 1.55 -0.67	33.40 1.35 -3.26	30.94 1.43 -0.29	29.63 1.25 -2.95	27.54 1.40 -0.74	26.79 1.29 -0.12
MAPLE_RIDGE_WT_1 323574	30.52 -0.18 0.00	28.03 -0.17 0.00	27.94 -0.14 0.00	28.02 -0.14 0.00	28.18 -0.17 0.00	29.21 -0.27 0.00	36.77 -0.33 0.00	37.92 -0.42 0.00	33.14 -0.40 0.00	29.67 -0.39 0.00	25.71 -0.34 0.00	24.96 -0.17 0.00	24.85 -0.02 0.00	24.97 -0.07 0.00	25.07 -0.15 0.00	26.01 -0.29 0.00	28.91 -0.41 0.00	31.59 -0.61 0.00	32.27 -0.79 0.00	27.92 -0.86 0.00	28.35 -0.88 0.00	24.64 -0.79 0.00	24.62 -0.79 0.00	24.58 -0.79 0.00
MAPLE_RIDGE_WT_2 323611	30.52 -0.18 0.00	28.03 -0.17 0.00	27.94 -0.14 0.00	28.02 -0.14 0.00	28.18 -0.17 0.00	29.21 -0.27 0.00	36.77 -0.33 0.00	37.92 -0.42 0.00	33.14 -0.40 0.00	29.67 -0.39 0.00	25.71 -0.34 0.00	24.96 -0.17 0.00	24.85 -0.02 0.00	24.97 -0.07 0.00	25.07 -0.15 0.00	26.01 -0.29 0.00	28.91 -0.41 0.00	31.59 -0.61 0.00	32.27 -0.79 0.00	27.92 -0.86 0.00	28.35 -0.88 0.00	24.64 -0.79 0.00	24.62 -0.79 0.00	24.58 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	31.50 0.80 0.00	28.91 0.71 0.00	28.87 0.79 0.00	28.98 0.82 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.73 0.63 0.00	38.96 0.61 0.00	34.05 0.50 0.00	30.52 0.45 0.00	26.31 0.26 0.00	25.59 0.45 0.00	25.58 0.70 0.00	25.62 0.58 0.00	25.54 0.33 0.00	26.48 0.19 0.00	29.53 0.21 0.00	32.24 0.03 0.00	32.97 -0.10 0.00	28.41 -0.37 0.00	28.88 -0.35 0.00	25.05 -0.38 0.00	24.95 -0.46 0.00	25.12 -0.25 0.00
MARSHVLE_115KV_TB1 80742	33.19 2.49 0.00	30.49 2.28 0.00	30.28 2.19 0.00	30.36 2.20 0.00	30.62 2.27 0.00	32.13 2.65 0.00	40.81 3.71 0.00	42.93 3.83 -0.75	37.92 3.09 -1.29	32.50 2.44 0.00	28.00 1.95 0.00	26.79 1.66 0.00	26.27 1.39 0.00	26.54 1.50 0.00	26.93 1.71 0.00	28.45 2.16 0.00	32.28 2.64 -0.31	36.56 3.06 -1.29	36.99 3.14 -0.78	35.34 2.73 -3.82	32.31 2.75 -0.33	31.20 2.31 -3.45	28.33 2.06 -0.86	27.39 1.88 -0.14
MARSH_HILL_WT_PWR 323713	31.63 0.92 0.00	29.08 0.88 0.00	28.76 0.67 0.00	28.84 0.67 0.00	29.26 0.91 0.00	30.86 1.39 0.00	38.51 1.41 0.00	39.84 1.38 -0.12	34.92 1.17 -0.20	31.33 1.26 0.00	27.12 1.07 0.00	25.86 0.73 0.00	25.38 0.50 0.00	25.59 0.55 0.00	25.72 0.50 0.00	26.96 0.66 0.00	29.93 0.56 -0.05	32.93 0.51 -0.21	33.79 0.60 -0.13	29.88 0.49 -0.61	29.57 0.29 -0.05	26.06 0.08 -0.56	25.47 -0.08 -0.14	25.27 -0.13 -0.02
MCINTYRE_115KV_TB2 80467	30.80 0.09 0.00	28.26 0.06 0.00	28.25 0.17 0.00	28.36 0.20 0.00	28.55 0.20 0.00	29.50 0.03 0.00	37.10 0.00 0.00	38.35 0.00 0.00	33.48 -0.07 0.00	29.97 -0.09 0.00	25.81 -0.23 0.00	25.13 0.00 0.00	25.23 0.35 0.00	25.32 0.28 0.00	25.22 0.00 0.00	26.11 -0.18 0.00	29.18 -0.15 0.00	31.92 -0.29 0.00	32.77 -0.30 0.00	28.35 -0.43 0.00	28.88 -0.35 0.00	25.08 -0.36 0.00	25.05 -0.36 0.00	25.40 0.03 0.00
MECO____69_KV_BK1 80468	34.33 3.62 0.00	31.53 3.33 0.00	31.26 3.17 0.00	31.35 3.18 0.00	31.64 3.29 0.00	33.22 3.74 0.00	42.41 5.31 0.00	44.62 5.56 -0.71	39.14 4.36 -1.23	33.43 3.37 0.00	28.70 2.66 0.00	27.37 2.24 0.00	26.77 1.89 0.00	27.09 2.05 0.00	27.59 2.37 0.00	29.32 3.02 0.00	33.49 3.87 -0.30	37.92 4.48 -1.24	38.35 4.53 -0.75	36.43 3.97 -3.67	33.64 4.09 -0.32	32.08 3.33 -3.32	29.18 2.95 -0.83	28.20 2.69 -0.14
MENANDS__115KV_TB5 355628	32.06 1.35 0.00	29.47 1.27 0.00	29.29 1.21 0.00	29.37 1.21 0.00	29.57 1.22 0.00	30.51 1.03 0.00	38.40 1.30 0.00	40.62 1.65 -0.63	36.07 1.44 -1.08	31.30 1.23 0.00	27.19 1.15 0.00	26.04 0.90 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.25 1.03 0.00	27.56 1.26 0.00	30.91 1.32 -0.26	34.66 1.35 -1.10	35.09 1.36 -0.67	33.25 1.21 -3.26	30.80 1.29 -0.28	29.52 1.14 -2.94	27.49 1.35 -0.74	26.73 1.24 -0.12
MG INDUSTRY___DRP 24185	32.03 1.32 0.00	29.44 1.24 0.00	29.26 1.18 0.00	29.35 1.18 0.00	29.54 1.19 0.00	30.57 1.09 0.00	38.51 1.41 0.00	40.65 1.69 -0.61	36.04 1.44 -1.06	31.30 1.23 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.20 0.98 0.00	27.48 1.18 0.00	30.87 1.29 -0.26	34.60 1.32 -1.08	35.04 1.32 -0.65	33.15 1.18 -3.18	30.76 1.26 -0.28	29.40 1.09 -2.88	27.35 1.22 -0.72	26.63 1.14 -0.12
MID___OSWEGATCHIE_HYD 23849	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.04 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.61 -0.43 0.00	24.66 -0.55 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.49 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.79 -0.58 0.00
MID___RAQUETTE_HYD 23851	30.15 -0.55 0.00	27.67 -0.54 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	27.95 -0.40 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.32 -1.04 -0.01	32.62 -0.94 -0.01	29.19 -0.87 0.00	25.16 -0.89 0.00	24.50 -0.63 0.00	24.56 -0.32 0.00	24.64 -0.40 0.00	24.56 -0.66 0.00	25.43 -0.87 0.00	28.39 -0.94 0.00	31.06 -1.16 -0.01	31.85 -1.22 -0.01	27.59 -1.24 -0.04	28.06 -1.17 0.00	24.40 -1.07 -0.04	24.35 -1.07 -0.01	24.81 -0.56 0.00

MILLIKEN___1 23584	31.26 0.55 0.00	28.71 0.51 0.00	28.51 0.42 0.00	28.59 0.42 0.00	28.83 0.48 0.00	30.27 0.80 0.00	38.07 0.96 0.00	39.38 0.92 -0.11	34.51 0.77 -0.19	30.73 0.66 0.00	26.52 0.47 0.00	25.41 0.28 0.00	24.98 0.10 0.00	25.19 0.15 0.00	25.39 0.18 0.00	26.67 0.37 0.00	29.87 0.50 -0.05	33.05 0.64 -0.20	33.95 0.76 -0.12	30.05 0.69 -0.58	29.83 0.56 -0.05	26.31 0.36 -0.53	25.82 0.28 -0.13	25.47 0.08 -0.02
MILLIKEN___2 23585	31.26 0.55 0.00	28.71 0.51 0.00	28.51 0.42 0.00	28.59 0.42 0.00	28.83 0.48 0.00	30.27 0.80 0.00	38.07 0.96 0.00	39.38 0.92 -0.11	34.51 0.77 -0.19	30.73 0.66 0.00	26.52 0.47 0.00	25.41 0.28 0.00	24.98 0.10 0.00	25.19 0.15 0.00	25.39 0.18 0.00	26.67 0.37 0.00	29.87 0.50 -0.05	33.05 0.64 -0.20	33.95 0.76 -0.12	30.05 0.69 -0.58	29.83 0.56 -0.05	26.31 0.36 -0.53	25.82 0.28 -0.13	25.47 0.08 -0.02
MILLIKEN___DIESEL 23629	31.26 0.55 0.00	28.71 0.51 0.00	28.51 0.42 0.00	28.59 0.42 0.00	28.83 0.48 0.00	30.27 0.80 0.00	38.07 0.96 0.00	39.38 0.92 -0.11	34.51 0.77 -0.19	30.73 0.66 0.00	26.52 0.47 0.00	25.41 0.28 0.00	24.98 0.10 0.00	25.19 0.15 0.00	25.39 0.18 0.00	26.67 0.37 0.00	29.87 0.50 -0.05	33.05 0.64 -0.20	33.95 0.76 -0.12	30.05 0.69 -0.58	29.83 0.56 -0.05	26.31 0.36 -0.53	25.82 0.28 -0.13	25.47 0.08 -0.02
MILLSEAT___LFGE 323607	29.05 -1.66 0.00	26.85 -1.35 0.00	26.29 -1.80 0.00	26.42 -1.75 0.00	26.99 -1.36 0.00	28.47 -1.00 0.00	34.58 -2.52 0.00	36.08 -2.34 -0.08	31.33 -2.35 -0.13	28.32 -1.74 0.00	24.88 -1.17 0.00	23.73 -1.41 0.00	23.31 -1.57 0.00	23.51 -1.53 0.00	23.45 -1.77 0.00	24.46 -1.84 0.00	26.98 -2.37 -0.03	29.73 -2.61 -0.13	30.44 -2.71 -0.08	27.16 -2.02 -0.40	26.95 -2.31 -0.03	23.81 -1.98 -0.36	23.64 -1.85 -0.09	23.76 -1.62 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.76 2.06 0.00	30.09 1.89 0.00	29.88 1.80 0.00	29.94 1.77 0.00	30.14 1.79 0.00	31.36 1.89 0.00	39.70 2.60 0.00	41.88 3.03 -0.50	37.23 2.82 -0.86	32.38 2.31 0.00	28.11 2.06 0.00	26.87 1.73 0.00	26.32 1.44 0.00	26.54 1.50 0.00	27.01 1.79 0.00	28.48 2.18 0.00	31.97 2.43 -0.21	35.76 2.67 -0.88	36.38 2.78 -0.53	33.86 2.48 -2.61	31.85 2.40 -0.23	29.85 2.06 -2.36	27.98 1.98 -0.59	27.29 1.83 -0.10
MILLWOOD_13_KV_LOAD 356217	32.82 2.12 0.00	30.15 1.95 0.00	29.94 1.85 0.00	30.02 1.86 0.00	30.19 1.84 0.00	31.39 1.92 0.00	39.77 2.67 0.00	41.99 3.14 -0.50	37.33 2.92 -0.86	32.44 2.38 0.00	28.18 2.14 0.00	26.92 1.78 0.00	26.37 1.49 0.00	26.57 1.53 0.00	27.06 1.84 0.00	28.53 2.24 0.00	32.03 2.49 -0.21	35.86 2.77 -0.88	36.48 2.88 -0.53	33.95 2.56 -2.61	31.91 2.46 -0.23	29.90 2.11 -2.36	28.03 2.03 -0.59	27.34 1.88 -0.10
MODEL_CITY_ENERGY 24167	28.25 -2.46 0.00	26.14 -2.06 0.00	25.61 -2.47 0.00	25.71 -2.45 0.00	26.28 -2.07 0.00	27.68 -1.80 0.00	33.39 -3.71 0.00	34.74 -3.68 -0.08	30.23 -3.45 -0.14	27.36 -2.71 0.00	24.12 -1.93 0.00	23.07 -2.06 0.00	22.67 -2.21 0.00	22.84 -2.20 0.00	22.77 -2.45 0.00	23.72 -2.58 0.00	26.04 -3.31 -0.03	28.61 -3.74 -0.14	29.31 -3.84 -0.08	26.31 -2.88 -0.41	26.08 -3.18 -0.04	23.08 -2.72 -0.37	22.96 -2.54 -0.09	23.13 -2.26 -0.02
MODERN_LFGE___ 323580	28.25 -2.46 0.00	26.14 -2.06 0.00	25.61 -2.47 0.00	25.71 -2.45 0.00	26.28 -2.07 0.00	27.68 -1.80 0.00	33.39 -3.71 0.00	34.74 -3.68 -0.08	30.23 -3.45 -0.14	27.36 -2.71 0.00	24.12 -1.93 0.00	23.07 -2.06 0.00	22.67 -2.21 0.00	22.84 -2.20 0.00	22.77 -2.45 0.00	23.72 -2.58 0.00	26.04 -3.31 -0.03	28.61 -3.74 -0.14	29.31 -3.84 -0.08	26.31 -2.88 -0.41	26.08 -3.18 -0.04	23.08 -2.72 -0.37	22.96 -2.54 -0.09	23.13 -2.26 -0.02
MOHAWK_PAPER___DRP 24187	32.15 1.44 0.00	29.56 1.35 0.00	29.38 1.29 0.00	29.46 1.30 0.00	29.66 1.30 0.00	30.65 1.18 0.00	38.62 1.52 0.00	40.85 1.88 -0.63	36.27 1.64 -1.08	31.45 1.38 0.00	27.30 1.25 0.00	26.14 1.01 0.00	25.63 0.75 0.00	25.84 0.80 0.00	26.33 1.11 0.00	27.64 1.34 0.00	31.05 1.47 -0.26	34.82 1.51 -1.10	35.29 1.55 -0.67	33.40 1.35 -3.26	30.94 1.43 -0.29	29.63 1.25 -2.95	27.54 1.40 -0.74	26.79 1.29 -0.12
MOHICAN___35_KV_115KV_LD 80490	31.99 1.29 0.00	29.39 1.18 0.00	29.21 1.12 0.00	29.26 1.10 0.00	29.49 1.13 0.00	30.74 1.27 0.00	38.99 1.89 0.00	41.33 2.34 -0.64	36.50 1.84 -1.11	31.39 1.32 0.00	27.09 1.04 0.00	25.86 0.73 0.00	25.33 0.45 0.00	25.57 0.53 0.00	26.07 0.86 0.00	27.48 1.18 0.00	31.12 1.52 -0.27	35.04 1.71 -1.13	35.47 1.72 -0.68	33.62 1.50 -3.34	31.10 1.58 -0.29	29.69 1.25 -3.02	27.23 1.07 -0.75	26.94 1.45 -0.12
MONGAUP___HYD 23641	32.42 1.72 0.00	29.78 1.58 0.00	29.60 1.52 0.00	29.65 1.49 0.00	29.80 1.45 0.00	31.12 1.65 0.00	39.18 2.08 0.00	40.88 2.07 -0.46	36.52 2.18 -0.80	31.81 1.74 0.00	27.51 1.46 0.00	26.21 1.08 0.00	25.68 0.80 0.00	25.94 0.90 0.00	26.43 1.21 0.00	27.80 1.50 0.00	31.28 1.76 -0.20	35.15 2.13 -0.81	35.71 2.15 -0.49	33.12 1.93 -2.41	31.31 1.87 -0.21	29.16 1.55 -2.18	27.37 1.42 -0.55	26.83 1.37 -0.09
MONTAUK___DIESEL 23721	40.42 4.36 -5.36	33.94 3.95 -1.79	31.90 3.82 0.00	31.99 3.83 0.00	32.98 3.88 -0.74	42.37 4.16 -8.74	50.45 5.82 -7.52	57.30 6.44 -12.51	45.37 5.53 -6.29	34.33 4.27 0.00	29.75 3.70 0.00	28.45 3.32 0.00	27.69 2.81 0.00	27.94 2.90 0.00	28.42 3.20 0.00	36.64 4.08 -6.27	43.27 4.84 -9.11	55.98 5.51 -18.26	62.57 5.69 -23.81	51.96 5.07 -18.11	43.55 4.91 -9.41	41.22 4.07 -11.72	37.94 3.89 -8.64	33.20 3.63 -4.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.48 -1.23 0.00	27.13 -1.07 0.00	26.62 -1.46 0.00	26.81 -1.35 0.00	26.99 -1.36 0.00	29.03 -0.44 0.00	35.99 -1.11 0.00	36.71 -1.73 -0.09	31.85 -1.84 -0.15	29.43 -0.63 0.00	25.63 -0.42 0.00	24.43 -0.70 0.00	23.93 -0.95 0.00	24.16 -0.88 0.00	24.11 -1.11 0.00	24.96 -1.34 0.00	27.10 -2.26 -0.04	29.47 -2.90 -0.16	29.89 -3.27 -0.09	26.63 -2.62 -0.46	26.32 -2.95 -0.04	23.16 -2.70 -0.42	22.79 -2.72 -0.10	22.47 -2.92 -0.02
MORTIMER_115KV_TB3 55949	29.35 -1.35 0.00	27.02 -1.18 0.00	26.65 -1.43 0.00	26.78 -1.38 0.00	26.96 -1.39 0.00	28.62 -0.85 0.00	35.65 -1.45 0.00	36.88 -1.53 -0.07	32.15 -1.51 -0.12	28.95 -1.11 0.00	25.16 -0.89 0.00	24.08 -1.06 0.00	23.61 -1.27 0.00	23.86 -1.18 0.00	23.91 -1.31 0.00	24.98 -1.31 0.00	27.80 -1.55 -0.03	30.72 -1.61 -0.12	31.49 -1.65 -0.07	27.93 -1.21 -0.36	27.86 -1.40 -0.03	24.54 -1.22 -0.33	24.27 -1.22 -0.08	23.58 -1.80 -0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.28 2.29 -1.94	28.22 1.99 -1.10	27.98 1.67 -1.44	28.96 1.73 -2.20	29.97 2.02 -2.73	30.21 2.42 -1.50	35.68 2.70 -3.66	40.90 2.96 -5.73	40.10 3.08 -3.95	37.14 2.73 -5.62	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.52 2.05 -0.10

MUNSVILLE_WIND_PWR 323609	34.11 3.41 0.00	31.28 3.07 0.00	31.01 2.92 0.00	31.18 3.01 0.00	31.55 3.20 0.00	33.25 3.77 0.00	41.81 4.71 0.00	43.38 4.87 -0.17	37.69 3.86 -0.29	33.34 3.28 0.00	28.57 2.53 0.00	27.17 2.03 0.00	26.75 1.87 0.00	26.97 1.93 0.00	27.26 2.04 0.00	28.88 2.58 0.00	32.56 3.17 -0.07	36.14 3.64 -0.29	37.18 3.93 -0.18	33.07 3.42 -0.87	32.49 3.19 -0.08	28.61 2.39 -0.78	27.89 2.29 -0.20	27.58 2.18 -0.03
N SALMON___HYD 24042	31.60 0.89 0.00	28.99 0.79 0.00	28.96 0.87 0.00	29.09 0.93 0.00	29.26 0.91 0.00	30.30 0.82 0.00	37.96 0.85 0.00	39.23 0.88 0.00	34.28 0.74 0.00	30.70 0.63 0.00	26.44 0.39 0.00	25.66 0.53 0.00	25.65 0.77 0.00	25.69 0.65 0.00	25.60 0.38 0.00	26.56 0.26 0.00	29.62 0.29 0.00	32.40 0.19 0.00	33.13 0.07 0.00	28.52 -0.26 0.00	29.02 -0.20 0.00	25.15 -0.28 0.00	25.05 -0.36 0.00	25.19 -0.18 0.00
N.AKRON___115KV_KNAPP 355671	29.02 -1.69 0.00	26.74 -1.47 0.00	26.29 -1.80 0.00	26.42 -1.75 0.00	26.59 -1.76 0.00	28.47 -1.00 0.00	35.17 -1.93 0.00	36.04 -2.38 -0.08	31.33 -2.35 -0.13	28.59 -1.47 0.00	24.88 -1.17 0.00	23.75 -1.38 0.00	23.21 -1.67 0.00	23.49 -1.55 0.00	23.48 -1.74 0.00	24.46 -1.84 0.00	26.98 -2.38 -0.03	29.70 -2.64 -0.13	30.40 -2.74 -0.08	27.16 -2.01 -0.40	26.95 -2.31 -0.03	23.81 -1.98 -0.36	23.57 -1.93 -0.09	22.77 -2.61 -0.01
N.BELMOR_69_KV_BK1 55787	38.92 2.86 -5.36	32.59 2.59 -1.79	30.58 2.50 0.00	30.64 2.48 0.00	31.59 2.49 -0.74	40.87 2.65 -8.74	48.18 3.56 -7.52	54.92 4.06 -12.51	43.56 3.72 -6.29	33.01 2.95 0.00	28.65 2.60 0.00	27.39 2.26 0.00	26.75 1.87 0.00	26.97 1.93 0.00	27.44 2.22 0.00	35.43 2.87 -6.27	41.63 3.20 -9.11	54.08 3.61 -18.26	60.61 3.74 -23.81	50.20 3.31 -18.11	41.82 3.19 -9.41	39.90 2.75 -11.72	36.72 2.67 -8.64	32.05 2.49 -4.20
N.E_GEN_SANDY PD 24062	34.00 1.81 -1.48	31.40 1.66 -1.53	30.63 1.60 -0.95	30.72 1.60 -0.95	30.91 1.56 -1.00	32.70 1.62 -1.60	40.25 2.15 -1.00	42.46 2.42 -1.70	38.86 2.18 -3.14	33.19 1.93 -1.20	27.69 1.64 0.00	26.44 1.31 0.00	25.90 1.02 0.00	25.96 1.15 0.23	26.99 1.54 -0.23	28.06 1.76 0.00	31.47 1.90 -0.24	35.37 2.13 -1.04	36.39 2.18 -1.14	33.69 1.93 -2.98	33.75 1.90 -2.62	32.57 1.68 -5.46	27.71 1.63 -0.67	27.08 1.60 -0.11
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.70 2.00 0.00	30.01 1.80 0.00	29.83 1.74 0.00	29.88 1.72 0.00	30.08 1.73 0.00	31.30 1.83 0.00	39.66 2.56 0.00	41.79 2.95 -0.49	37.10 2.72 -0.84	32.29 2.22 0.00	28.05 2.01 0.00	26.79 1.66 0.00	26.25 1.37 0.00	26.47 1.43 0.00	26.93 1.71 0.00	28.38 2.08 0.00	31.84 2.32 -0.21	35.67 2.61 -0.86	36.30 2.71 -0.52	33.74 2.42 -2.54	31.76 2.31 -0.22	29.71 1.98 -2.29	27.91 1.93 -0.57	27.24 1.78 -0.09
N.QUEENS_27_KV_LOAD 356247	33.04 2.33 0.00	30.29 2.09 0.00	30.11 2.02 0.00	30.11 1.94 0.00	30.34 1.98 0.00	31.36 1.89 0.00	39.92 2.82 0.00	42.23 3.37 -0.51	37.60 3.19 -0.87	32.71 2.65 0.00	30.34 2.37 -1.92	28.28 2.06 -1.09	28.07 1.77 -1.42	29.01 1.80 -2.17	30.03 2.12 -2.69	30.27 2.50 -1.48	35.71 2.79 -3.61	40.96 3.09 -5.66	40.18 3.21 -3.90	37.21 2.85 -5.58	32.15 2.69 -0.23	30.10 2.29 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.10
N.TROY___115KV_TB1 355778	32.21 1.50 0.00	29.58 1.38 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.85 1.74 0.00	41.09 2.11 -0.63	36.48 1.84 -1.09	31.57 1.50 0.00	27.35 1.30 0.00	26.16 1.03 0.00	25.65 0.77 0.00	25.87 0.83 0.00	26.38 1.16 0.00	27.72 1.42 0.00	31.14 1.55 -0.27	35.02 1.71 -1.11	35.49 1.75 -0.67	33.59 1.53 -3.28	31.06 1.55 -0.29	29.75 1.35 -2.96	27.47 1.32 -0.74	26.79 1.29 -0.12
NARROWS_GT1_1 24228	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_2 24229	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_3 24230	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_4 24231	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_5 24232	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_6 24233	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT1_7 24234	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11

NARROWS_GT1_8 24235	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_1 24236	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_2 24237	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_3 24238	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_4 24239	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_5 24240	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_6 24241	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_7 24242	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NARROWS_GT2_8 24243	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.76 2.06 0.00	30.12 1.92 0.00	29.94 1.85 0.00	30.02 1.86 0.00	30.22 1.87 0.00	31.27 1.80 0.00	39.51 2.41 0.00	41.08 2.15 -0.59	36.34 1.78 -1.02	31.66 1.59 0.00	27.38 1.33 0.00	26.14 1.01 0.00	25.63 0.75 0.00	25.89 0.85 0.00	26.40 1.19 0.00	27.74 1.45 0.00	31.21 1.64 -0.25	34.82 1.58 -1.04	35.28 1.59 -0.63	33.23 1.38 -3.07	31.13 1.64 -0.27	29.43 1.22 -2.77	27.52 1.42 -0.69	27.03 1.55 -0.11
NCHELSEA_115KV_TR2 355582	32.92 2.21 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.11 1.94 0.00	30.28 1.93 0.00	31.54 2.06 0.00	39.92 2.82 0.00	41.93 3.07 -0.51	37.21 2.78 -0.88	32.35 2.28 0.00	28.05 2.01 0.00	26.74 1.61 0.00	26.20 1.32 0.00	26.42 1.38 0.00	26.93 1.71 0.00	28.35 2.05 0.00	31.88 2.35 -0.22	35.75 2.64 -0.90	36.32 2.71 -0.54	33.86 2.42 -2.66	31.83 2.37 -0.23	29.82 1.98 -2.40	27.94 1.93 -0.60	27.24 1.78 -0.10
NEG CAPITAL___MECHNVIL 23645	32.42 1.72 0.00	29.78 1.58 0.00	29.60 1.52 0.00	29.65 1.49 0.00	29.85 1.50 0.00	31.10 1.62 0.00	39.37 2.26 0.00	41.59 2.61 -0.64	36.83 2.18 -1.10	31.84 1.77 0.00	27.51 1.46 0.00	26.29 1.16 0.00	25.75 0.87 0.00	26.04 1.00 0.00	26.53 1.31 0.00	27.88 1.58 0.00	31.44 1.85 -0.27	35.36 2.03 -1.12	35.83 2.08 -0.68	33.94 1.84 -3.32	31.39 1.87 -0.29	29.98 1.55 -3.00	27.76 1.60 -0.75	27.04 1.55 -0.12
NEG CENTRAL_HIGH_ACRES 23767	29.08 -1.63 0.00	26.76 -1.44 0.00	26.40 -1.68 0.00	26.53 -1.63 0.00	26.91 -1.44 0.00	28.27 -1.21 0.00	35.02 -2.08 0.00	36.57 -1.84 -0.07	31.92 -1.75 -0.12	28.53 -1.53 0.00	24.88 -1.17 0.00	23.80 -1.33 0.00	23.41 -1.47 0.00	23.61 -1.43 0.00	23.68 -1.54 0.00	24.75 -1.55 0.00	27.62 -1.73 -0.03	30.52 -1.80 -0.12	31.32 -1.82 -0.07	27.67 -1.47 -0.35	27.62 -1.64 -0.03	24.28 -1.48 -0.32	24.04 -1.45 -0.08	24.04 -1.35 -0.01
NEG CENTRAL___DRP 24199	30.55 -0.15 0.00	28.06 -0.14 0.00	27.83 -0.25 0.00	27.91 -0.25 0.00	28.18 -0.17 0.00	29.68 0.21 0.00	37.18 0.07 0.00	38.42 0.00 -0.08	33.74 0.07 -0.13	30.18 0.12 0.00	26.10 0.05 0.00	24.96 -0.18 0.00	24.53 -0.35 0.00	24.74 -0.30 0.00	24.91 -0.30 0.00	26.11 -0.18 0.00	29.15 -0.21 -0.03	32.21 -0.13 -0.13	33.11 -0.03 -0.08	29.15 -0.03 -0.39	29.09 -0.18 -0.03	25.53 -0.25 -0.36	25.14 -0.36 -0.09	24.78 -0.61 -0.01
NEG CENTRAL___INDECK 23768	31.19 0.49 0.00	28.68 0.48 0.00	28.28 0.20 0.00	28.39 0.22 0.00	28.86 0.51 0.00	30.45 0.97 0.00	37.88 0.78 0.00	39.44 1.00 -0.10	34.43 0.71 -0.18	30.79 0.72 0.00	26.65 0.60 0.00	25.41 0.28 0.00	24.90 0.02 0.00	25.14 0.10 0.00	25.22 0.00 0.00	26.43 0.13 0.00	29.57 0.21 -0.04	32.71 0.32 -0.18	33.60 0.43 -0.11	29.69 0.37 -0.53	29.48 0.21 -0.05	25.94 0.03 -0.48	25.45 -0.08 -0.12	25.36 -0.03 -0.02

NEG CENTRAL___SENECA 23627	30.77 0.06 0.00	28.26 0.06 0.00	28.00 -0.08 0.00	28.11 -0.06 0.00	28.35 0.00 0.00	29.98 0.50 0.00	37.47 0.37 0.00	38.70 0.27 -0.08	34.02 0.34 -0.14	30.46 0.39 0.00	26.31 0.26 0.00	25.16 0.03 0.00	24.68 -0.20 0.00	24.91 -0.13 0.00	25.07 -0.15 0.00	26.27 -0.03 0.00	29.33 -0.03 -0.04	32.42 0.06 -0.15	33.32 0.17 -0.09	29.33 0.12 -0.43	29.24 -0.03 -0.04	25.64 -0.18 -0.39	25.23 -0.28 -0.10	24.83 -0.56 -0.02
NEG CENTRAL___STATE_STREET 24147	30.52 -0.18 0.00	28.03 -0.17 0.00	27.83 -0.25 0.00	27.91 -0.25 0.00	28.15 -0.20 0.00	29.56 0.09 0.00	37.14 0.04 0.00	38.42 0.00 -0.07	33.67 0.00 -0.13	30.09 0.03 0.00	26.02 -0.03 0.00	24.93 -0.20 0.00	24.53 -0.35 0.00	24.74 -0.30 0.00	24.91 -0.30 0.00	26.11 -0.18 0.00	29.18 -0.18 -0.03	32.24 -0.10 -0.13	33.15 0.00 -0.08	29.17 0.00 -0.38	29.14 -0.12 -0.03	25.58 -0.20 -0.35	25.21 -0.28 -0.09	24.90 -0.48 -0.01
NEG MILLWOOD___DRP 24198	33.04 2.33 0.00	30.35 2.14 0.00	30.13 2.05 0.00	30.25 2.08 0.00	30.36 2.01 0.00	31.60 2.12 0.00	40.03 2.93 0.00	42.20 3.34 -0.52	37.49 3.05 -0.89	32.50 2.44 0.00	28.21 2.16 0.00	26.89 1.76 0.00	26.32 1.44 0.00	26.54 1.50 0.00	27.06 1.84 0.00	28.53 2.24 0.00	32.09 2.55 -0.22	35.95 2.83 -0.91	36.56 2.94 -0.55	34.10 2.62 -2.70	32.04 2.57 -0.24	30.03 2.16 -2.44	28.05 2.03 -0.61	27.35 1.88 -0.10
NEG NORTH_FLCN_SEA 23793	31.96 1.26 0.00	29.36 1.16 0.00	29.32 1.24 0.00	29.43 1.27 0.00	29.60 1.25 0.00	30.71 1.24 0.00	38.10 1.00 0.00	39.38 1.04 0.00	34.38 0.84 0.00	30.82 0.75 0.00	26.57 0.52 0.00	25.81 0.68 0.00	25.80 0.92 0.00	25.89 0.85 0.00	25.80 0.58 0.00	26.72 0.42 0.00	29.79 0.47 0.00	32.56 0.35 0.00	33.30 0.23 0.00	28.64 -0.14 0.00	29.11 -0.12 0.00	25.25 -0.18 0.00	25.13 -0.28 0.00	25.67 0.30 0.00
NEG NORTH_KES_CHATAGAY 23792	31.53 0.83 0.00	28.94 0.73 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.17 0.82 0.00	30.24 0.77 0.00	37.77 0.67 0.00	39.04 0.69 0.00	34.08 0.54 0.00	30.52 0.45 0.00	26.33 0.29 0.00	25.61 0.48 0.00	25.63 0.75 0.00	25.72 0.68 0.00	25.62 0.40 0.00	26.51 0.21 0.00	29.56 0.23 0.00	32.30 0.10 0.00	33.03 -0.03 0.00	28.44 -0.35 0.00	28.94 -0.29 0.00	25.10 -0.33 0.00	25.00 -0.41 0.00	25.37 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	32.06 1.35 0.00	29.44 1.24 0.00	29.38 1.29 0.00	29.51 1.35 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.36 1.26 0.00	39.65 1.30 0.00	34.62 1.07 0.00	31.03 0.96 0.00	26.70 0.65 0.00	25.94 0.80 0.00	25.92 1.04 0.00	26.02 0.98 0.00	25.92 0.71 0.00	26.85 0.55 0.00	29.97 0.65 0.00	32.75 0.55 0.00	33.50 0.43 0.00	28.78 0.00 0.00	29.29 0.06 0.00	25.38 -0.05 0.00	25.26 -0.15 0.00	25.70 0.33 0.00
NEG NORTH___LWR_SARANAC 23913	32.06 1.35 0.00	29.44 1.24 0.00	29.38 1.29 0.00	29.51 1.35 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.36 1.26 0.00	39.65 1.30 0.00	34.62 1.07 0.00	31.03 0.96 0.00	26.70 0.65 0.00	25.94 0.80 0.00	25.92 1.04 0.00	26.02 0.98 0.00	25.92 0.71 0.00	26.85 0.55 0.00	29.97 0.65 0.00	32.75 0.55 0.00	33.50 0.43 0.00	28.78 0.00 0.00	29.29 0.06 0.00	25.38 -0.05 0.00	25.26 -0.15 0.00	25.70 0.33 0.00
NEG NORTH___PLATTSBURG 23628	32.05 1.35 0.00	29.44 1.24 0.00	29.38 1.29 0.00	29.51 1.35 0.00	29.68 1.33 0.00	30.80 1.33 0.00	38.36 1.26 0.00	39.65 1.30 0.00	34.62 1.07 0.00	31.00 0.93 0.00	26.70 0.65 0.00	25.94 0.80 0.00	25.92 1.04 0.00	25.97 0.93 0.00	25.87 0.65 0.00	26.85 0.55 0.00	29.97 0.64 0.00	32.75 0.55 0.00	33.50 0.43 0.00	28.78 0.00 0.00	29.29 0.06 0.00	25.36 -0.08 0.00	25.26 -0.15 0.00	25.50 0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	28.49 -2.21 0.00	26.28 -1.92 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.11 -2.24 0.00	28.00 -1.47 0.00	34.43 -2.67 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.99 -2.07 0.00	24.43 -1.61 0.00	23.35 -1.78 0.00	22.81 -2.06 0.00	23.09 -1.95 0.00	23.07 -2.14 0.00	24.01 -2.29 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.57 -2.62 -0.40	26.34 -2.92 -0.04	23.33 -2.47 -0.37	23.09 -2.41 -0.09	22.32 -3.07 -0.02
NEG WEST___LANCASTER 23811	29.05 -1.66 0.00	26.79 -1.41 0.00	26.34 -1.74 0.00	26.44 -1.72 0.00	26.65 -1.70 0.00	28.53 -0.94 0.00	35.32 -1.78 0.00	35.14 -3.30 -0.09	30.54 -3.15 -0.15	28.80 -1.26 0.00	25.08 -0.96 0.00	23.95 -1.18 0.00	23.44 -1.44 0.00	23.69 -1.35 0.00	23.68 -1.54 0.00	24.64 -1.66 0.00	26.57 -2.79 -0.04	28.82 -3.54 -0.16	29.49 -3.67 -0.09	26.39 -2.85 -0.46	26.29 -2.98 -0.04	23.10 -2.75 -0.42	22.79 -2.72 -0.10	22.90 -2.49 -0.02
NEG_PENN_ALLEGHNY 23528	30.98 0.28 0.00	28.48 0.28 0.00	28.23 0.14 0.00	28.33 0.17 0.00	28.61 0.25 0.00	29.95 0.47 0.00	37.55 0.45 0.00	38.98 0.46 -0.18	34.22 0.37 -0.30	30.49 0.42 0.00	26.44 0.39 0.00	25.31 0.18 0.00	24.90 0.02 0.00	25.12 0.08 0.00	25.34 0.13 0.00	26.53 0.24 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.58 0.33 -0.19	30.04 0.35 -0.91	29.54 0.23 -0.08	26.39 0.13 -0.83	25.67 0.05 -0.21	25.45 0.05 -0.03
NEG___GEN_MONROE 24207	29.54 -1.17 0.00	27.21 -0.99 0.00	26.82 -1.26 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.83 -0.65 0.00	35.77 -1.34 0.00	36.88 -1.53 -0.07	32.16 -1.51 -0.12	29.01 -1.05 0.00	25.16 -0.89 0.00	24.03 -1.11 0.00	23.54 -1.34 0.00	23.79 -1.25 0.00	23.86 -1.36 0.00	24.88 -1.42 0.00	27.62 -1.73 -0.03	30.53 -1.80 -0.12	31.32 -1.82 -0.07	27.82 -1.32 -0.36	27.71 -1.55 -0.03	24.41 -1.35 -0.33	24.12 -1.37 -0.08	23.48 -1.90 -0.01
NEPA___ENERGY 23901	29.23 -1.47 0.00	26.96 -1.24 0.00	26.51 -1.57 0.00	26.64 -1.52 0.00	26.85 -1.50 0.00	28.77 -0.71 0.00	35.58 -1.52 0.00	36.33 -2.11 -0.09	31.59 -2.11 -0.15	29.07 -0.99 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.71 -1.17 0.00	23.94 -1.10 0.00	23.91 -1.31 0.00	24.90 -1.39 0.00	27.22 -2.14 -0.04	29.79 -2.58 -0.16	30.48 -2.68 -0.10	27.26 -1.99 -0.47	27.05 -2.22 -0.04	23.89 -1.96 -0.42	23.56 -1.96 -0.11	23.10 -2.28 -0.02
NEVERSINK___HYD 23608	32.42 1.72 0.00	29.78 1.58 0.00	29.60 1.52 0.00	29.68 1.52 0.00	29.80 1.45 0.00	31.18 1.71 0.00	39.59 2.49 0.00	41.29 2.49 -0.46	36.61 2.28 -0.79	31.87 1.80 0.00	27.56 1.51 0.00	26.26 1.13 0.00	24.95 0.07 0.00	25.22 0.18 0.00	25.70 0.48 0.00	27.06 0.76 0.00	30.45 0.94 -0.19	34.23 1.22 -0.80	34.81 1.26 -0.49	32.31 1.15 -2.37	31.33 1.90 -0.21	29.18 1.60 -2.14	27.37 1.42 -0.54	26.83 1.37 -0.09
NEWKRMKL_115KV_TB1 55635	31.93 1.23 0.00	29.36 1.16 0.00	29.18 1.10 0.00	29.26 1.10 0.00	29.43 1.08 0.00	30.30 0.83 0.00	38.18 1.08 0.00	40.39 1.42 -0.63	35.87 1.24 -1.08	31.12 1.05 0.00	27.09 1.04 0.00	25.96 0.83 0.00	25.45 0.57 0.00	25.69 0.65 0.00	26.15 0.93 0.00	27.43 1.13 0.00	30.76 1.17 -0.26	34.47 1.16 -1.10	34.89 1.16 -0.67	33.05 1.01 -3.26	30.65 1.14 -0.28	29.39 1.02 -2.94	27.46 1.32 -0.74	26.71 1.22 -0.12

NEWTON___FALLS_HYD 23847	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.04 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.61 -0.43 0.00	24.66 -0.55 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.49 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.79 -0.58 0.00
NGRID_A1_DSASP 323792	27.94 -2.76 0.00	25.86 -2.34 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	26.00 -2.35 0.00	27.53 -1.95 0.00	33.09 -4.01 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.12 -2.95 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.49 -2.39 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.41 -3.93 -0.14	29.11 -4.04 -0.08	26.17 -3.02 -0.41	25.93 -3.33 -0.04	22.98 -2.82 -0.37	22.86 -2.64 -0.09	23.05 -2.33 -0.02
NGRID_A2_DSASP 323793	27.94 -2.76 0.00	25.86 -2.34 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	26.00 -2.35 0.00	27.53 -1.95 0.00	33.09 -4.01 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.12 -2.95 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.49 -2.39 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.41 -3.93 -0.14	29.11 -4.04 -0.08	26.17 -3.02 -0.41	25.93 -3.33 -0.04	22.98 -2.82 -0.37	22.86 -2.64 -0.09	23.05 -2.33 -0.02
NGRID_A4_DSASP 323807	27.94 -2.76 0.00	25.86 -2.34 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	26.00 -2.35 0.00	27.53 -1.95 0.00	33.09 -4.01 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.12 -2.95 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.49 -2.39 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.41 -3.93 -0.14	29.11 -4.04 -0.08	26.17 -3.02 -0.41	25.93 -3.33 -0.04	22.98 -2.82 -0.37	22.86 -2.64 -0.09	23.05 -2.33 -0.02
NIAGARA_115E_LBMP 323715	28.09 -2.61 0.00	26.00 -2.20 0.00	25.47 -2.61 0.00	25.57 -2.59 0.00	26.11 -2.24 0.00	27.50 -1.97 0.00	33.13 -3.97 0.00	34.48 -3.95 -0.08	29.99 -3.69 -0.14	27.15 -2.92 0.00	23.96 -2.08 0.00	22.92 -2.21 0.00	22.52 -2.36 0.00	22.69 -2.35 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.42 -3.93 -0.14	29.12 -4.04 -0.08	26.14 -3.05 -0.41	25.90 -3.36 -0.04	22.96 -2.85 -0.37	22.83 -2.67 -0.09	23.00 -2.39 -0.02
NIAGARA_115W_LBMP 323714	27.88 -2.82 0.00	25.80 -2.40 0.00	25.28 -2.81 0.00	25.37 -2.79 0.00	25.91 -2.44 0.00	27.47 -2.01 0.00	32.98 -4.12 0.00	34.36 -4.07 -0.08	29.92 -3.76 -0.14	27.03 -3.04 0.00	23.86 -2.19 0.00	22.85 -2.29 0.00	22.44 -2.44 0.00	22.61 -2.43 0.00	22.57 -2.65 0.00	23.48 -2.81 0.00	25.81 -3.55 -0.03	28.35 -3.99 -0.14	29.05 -4.10 -0.08	26.11 -3.08 -0.41	25.84 -3.42 -0.04	22.93 -2.87 -0.37	22.81 -2.69 -0.09	23.00 -2.39 -0.02
NIAGARA_230_LBMP 323716	28.31 -2.40 0.00	26.20 -2.00 0.00	25.70 -2.39 0.00	25.80 -2.37 0.00	26.34 -2.01 0.00	27.80 -1.68 0.00	33.58 -3.53 0.00	34.94 -3.49 -0.08	30.39 -3.29 -0.14	27.48 -2.59 0.00	24.25 -1.80 0.00	23.22 -1.91 0.00	22.81 -2.06 0.00	22.99 -2.05 0.00	22.95 -2.27 0.00	23.90 -2.39 0.00	26.25 -3.11 -0.03	28.83 -3.51 -0.14	29.55 -3.60 -0.08	26.54 -2.65 -0.41	26.31 -2.95 -0.04	23.31 -2.49 -0.37	23.19 -2.31 -0.09	23.35 -2.03 -0.02
NIAGARA___115KV_198_GIBSON 55903	27.82 -2.89 0.00	25.69 -2.51 0.00	25.28 -2.81 0.00	25.37 -2.79 0.00	25.49 -2.86 0.00	27.47 -2.00 0.00	33.61 -3.49 0.00	34.36 -4.06 -0.08	29.92 -3.76 -0.14	27.33 -2.74 0.00	23.86 -2.19 0.00	22.85 -2.29 0.00	22.32 -2.56 0.00	22.59 -2.45 0.00	22.57 -2.65 0.00	23.51 -2.79 0.00	25.81 -3.55 -0.03	28.35 -3.99 -0.14	29.05 -4.10 -0.08	26.11 -3.08 -0.41	25.84 -3.42 -0.04	22.95 -2.85 -0.37	22.73 -2.77 -0.09	21.91 -3.48 -0.02
NIAGARA____ 23760	28.31 -2.40 0.00	26.20 -2.00 0.00	25.70 -2.39 0.00	25.80 -2.37 0.00	26.34 -2.01 0.00	27.80 -1.68 0.00	33.58 -3.53 0.00	34.94 -3.49 -0.08	30.39 -3.29 -0.14	27.48 -2.59 0.00	24.25 -1.80 0.00	23.22 -1.91 0.00	22.81 -2.06 0.00	22.99 -2.05 0.00	22.95 -2.27 0.00	23.90 -2.39 0.00	26.25 -3.11 -0.03	28.84 -3.51 -0.14	29.55 -3.60 -0.08	26.54 -2.65 -0.41	26.31 -2.95 -0.04	23.31 -2.49 -0.37	23.19 -2.31 -0.09	23.35 -2.03 -0.02
NINE_MILE_1 23575	29.48 -1.23 0.00	27.10 -1.10 0.00	26.91 -1.18 0.00	27.01 -1.16 0.00	27.25 -1.11 0.00	28.42 -1.06 0.00	35.62 -1.49 0.00	36.89 -1.50 -0.04	32.31 -1.31 -0.07	28.89 -1.17 0.00	25.06 -0.99 0.00	24.10 -1.03 0.00	23.79 -1.09 0.00	23.96 -1.08 0.00	24.13 -1.08 0.00	25.22 -1.08 0.00	28.17 -1.17 -0.02	31.02 -1.26 -0.07	31.85 -1.26 -0.04	27.96 -1.03 -0.21	28.11 -1.14 -0.02	24.60 -1.02 -0.19	24.44 -1.02 -0.05	24.39 -0.99 -0.01
NINE_MILE_2 23744	29.48 -1.23 0.00	27.10 -1.10 0.00	26.93 -1.15 0.00	27.01 -1.16 0.00	27.25 -1.11 0.00	28.42 -1.06 0.00	35.62 -1.49 0.00	36.89 -1.50 -0.04	32.31 -1.31 -0.07	28.89 -1.17 0.00	25.06 -0.99 0.00	24.10 -1.03 0.00	23.79 -1.09 0.00	23.96 -1.08 0.00	24.13 -1.08 0.00	25.22 -1.08 0.00	28.17 -1.17 -0.02	31.05 -1.22 -0.07	31.85 -1.26 -0.04	27.96 -1.03 -0.21	28.11 -1.14 -0.02	24.60 -1.02 -0.19	24.44 -1.02 -0.05	24.39 -0.99 -0.01
NM_CAPITAL___DRP 24208	31.99 1.29 0.00	29.44 1.24 0.00	29.26 1.18 0.00	29.32 1.15 0.00	29.51 1.16 0.00	30.42 0.94 0.00	38.33 1.22 0.00	40.51 1.53 -0.63	36.00 1.38 -1.08	31.24 1.17 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.50 0.62 0.00	25.72 0.68 0.00	26.20 0.98 0.00	27.51 1.21 0.00	30.85 1.26 -0.26	34.56 1.26 -1.10	35.02 1.29 -0.66	33.15 1.12 -3.25	30.74 1.23 -0.28	29.46 1.09 -2.94	27.46 1.32 -0.73	26.71 1.22 -0.12
NM_CENTRAL___DRP 24181	30.06 -0.64 0.00	27.64 -0.56 0.00	27.44 -0.65 0.00	27.52 -0.65 0.00	27.73 -0.62 0.00	29.00 -0.47 0.00	36.40 -0.70 0.00	37.63 -0.77 -0.05	32.93 -0.70 -0.09	29.52 -0.54 0.00	25.61 -0.44 0.00	24.55 -0.58 0.00	24.18 -0.70 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.75 -0.55 0.00	28.73 -0.62 -0.02	31.69 -0.61 -0.10	32.56 -0.56 -0.06	28.63 -0.43 -0.28	28.73 -0.53 -0.02	25.15 -0.53 -0.26	24.91 -0.56 -0.06	24.62 -0.76 -0.01
NM_FRONTIER___DRP 24179	27.82 -2.89 0.00	25.69 -2.51 0.00	25.28 -2.81 0.00	25.37 -2.79 0.00	25.49 -2.86 0.00	27.47 -2.00 0.00	33.61 -3.49 0.00	34.36 -4.06 -0.08	29.92 -3.76 -0.14	27.33 -2.74 0.00	23.86 -2.19 0.00	22.85 -2.29 0.00	22.32 -2.56 0.00	22.59 -2.45 0.00	22.57 -2.65 0.00	23.51 -2.79 0.00	25.81 -3.55 -0.03	28.35 -3.99 -0.14	29.05 -4.10 -0.08	26.11 -3.08 -0.41	25.84 -3.42 -0.04	22.95 -2.85 -0.37	22.73 -2.77 -0.09	21.91 -3.48 -0.02
NM_ST_REGIS___HYD 24053	30.49 -0.21 0.00	27.95 -0.25 0.00	27.97 -0.11 0.00	28.08 -0.08 0.00	28.27 -0.09 0.00	29.18 -0.29 0.00	36.55 -0.56 0.00	37.77 -0.58 0.00	32.97 -0.57 0.00	29.55 -0.51 0.00	25.47 -0.57 0.00	24.81 -0.33 0.00	24.85 -0.02 0.00	24.94 -0.10 0.00	24.84 -0.38 0.00	25.72 -0.58 0.00	28.71 -0.62 0.00	31.40 -0.81 0.00	32.17 -0.89 0.00	27.77 -1.01 0.00	28.29 -0.94 0.00	24.57 -0.86 0.00	24.52 -0.89 0.00	24.96 -0.41 0.00

NORTHPORT___1 23551	39.07 3.01 -5.36	32.73 2.73 -1.79	30.78 2.70 0.00	30.84 2.68 0.00	31.70 2.61 -0.74	41.04 2.83 -8.74	48.59 3.97 -7.52	55.23 4.37 -12.51	43.79 3.96 -6.29	33.25 3.19 0.00	28.76 2.71 0.00	27.49 2.36 0.00	26.84 1.97 0.00	27.12 2.08 0.00	27.59 2.37 0.00	35.61 3.05 -6.27	41.83 3.40 -9.11	54.27 3.80 -18.26	60.78 3.90 -23.81	50.38 3.48 -18.11	42.03 3.39 -9.41	40.08 2.92 -11.72	36.82 2.77 -8.64	32.28 2.72 -4.20
NORTHPORT___2 23552	39.13 3.07 -5.36	32.79 2.79 -1.79	30.87 2.78 0.00	30.92 2.76 0.00	31.76 2.66 -0.74	41.07 2.86 -8.74	48.67 4.04 -7.52	55.23 4.37 -12.51	43.86 4.02 -6.29	33.31 3.25 0.00	28.81 2.76 0.00	27.52 2.39 0.00	26.89 2.01 0.00	27.14 2.10 0.00	27.61 2.40 0.00	35.64 3.08 -6.27	41.86 3.43 -9.11	54.27 3.80 -18.26	60.78 3.90 -23.81	50.38 3.48 -18.11	42.06 3.42 -9.41	40.10 2.95 -11.72	36.84 2.79 -8.64	32.31 2.74 -4.20
NORTHPORT___3 23553	38.61 2.55 -5.36	32.28 2.28 -1.79	30.30 2.22 0.00	30.36 2.20 0.00	31.22 2.13 -0.74	40.57 2.36 -8.74	47.74 3.12 -7.52	54.08 3.22 -12.51	42.75 2.92 -6.29	32.26 2.19 0.00	27.98 1.93 0.00	26.74 1.61 0.00	26.10 1.22 0.00	26.37 1.33 0.00	26.83 1.62 0.00	35.17 2.60 -6.27	41.07 2.64 -9.11	53.34 2.87 -18.26	59.82 2.94 -23.81	49.51 2.62 -18.11	41.15 2.51 -9.41	39.52 2.37 -11.72	36.44 2.39 -8.64	31.88 2.31 -4.20
NORTHPORT___4 23650	38.61 2.55 -5.36	32.28 2.28 -1.79	30.30 2.22 0.00	30.36 2.20 0.00	31.22 2.13 -0.74	40.57 2.36 -8.74	47.74 3.12 -7.52	54.08 3.22 -12.51	42.75 2.92 -6.29	32.26 2.19 0.00	27.98 1.93 0.00	26.74 1.61 0.00	26.10 1.22 0.00	26.37 1.33 0.00	26.83 1.62 0.00	35.17 2.60 -6.27	41.07 2.64 -9.11	53.34 2.87 -18.26	59.82 2.94 -23.81	49.51 2.62 -18.11	41.15 2.51 -9.41	39.52 2.37 -11.72	36.44 2.39 -8.64	31.88 2.31 -4.20
NORTHPORT___IC 23718	39.13 3.07 -5.36	32.79 2.79 -1.79	30.87 2.78 0.00	30.92 2.76 0.00	31.76 2.66 -0.74	41.07 2.86 -8.74	48.67 4.04 -7.52	55.23 4.37 -12.51	43.86 4.02 -6.29	33.31 3.25 0.00	28.81 2.76 0.00	27.52 2.39 0.00	26.89 2.01 0.00	27.14 2.10 0.00	27.61 2.40 0.00	35.64 3.08 -6.27	41.86 3.43 -9.11	54.27 3.80 -18.26	60.78 3.90 -23.81	50.38 3.48 -18.11	42.06 3.42 -9.41	40.10 2.95 -11.72	36.84 2.79 -8.64	32.31 2.74 -4.20
NORTH___COUNTRY_ESR 323785	31.38 0.67 0.00	28.82 0.62 0.00	28.79 0.70 0.00	28.89 0.73 0.00	29.06 0.71 0.00	30.12 0.65 0.00	37.62 0.52 0.00	38.84 0.50 0.00	33.95 0.40 0.00	30.43 0.36 0.00	26.26 0.21 0.00	25.53 0.40 0.00	25.55 0.67 0.00	25.59 0.55 0.00	25.50 0.28 0.00	26.40 0.11 0.00	29.44 0.12 0.00	32.17 -0.03 0.00	32.90 -0.16 0.00	28.32 -0.46 0.00	28.82 -0.41 0.00	25.00 -0.43 0.00	24.92 -0.48 0.00	25.04 -0.33 0.00
NPX_GEN_1385_PROXY 323591	39.13 3.07 -5.36	32.90 2.91 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.02 2.92 -0.74	41.07 2.86 -8.74	48.67 4.04 -7.52	55.11 4.26 -12.51	44.06 4.23 -6.29	33.76 3.70 0.00	28.84 2.79 0.00	27.52 2.39 0.00	26.97 2.09 0.00	27.14 2.10 0.00	27.61 2.40 0.00	35.64 3.08 -6.27	41.63 3.20 -9.11	53.95 3.48 -18.26	60.42 3.54 -23.81	50.06 3.17 -18.11	42.00 3.36 -9.41	40.00 2.85 -11.72	36.74 2.69 -8.64	32.31 2.74 -4.20
NPX_GEN_CSC 323557	39.53 3.47 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.46 3.24 -8.74	49.30 4.67 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.36 3.93 -9.11	54.95 4.48 -18.26	61.34 4.46 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.51 3.36 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
NSINS_S_GLNS_FALLS 23858	31.90 1.20 0.00	29.30 1.10 0.00	29.10 1.01 0.00	29.18 1.01 0.00	29.40 1.05 0.00	30.62 1.15 0.00	38.88 1.78 0.00	41.21 2.22 -0.64	36.40 1.74 -1.11	31.27 1.20 0.00	27.01 0.96 0.00	25.79 0.65 0.00	25.23 0.35 0.00	25.49 0.45 0.00	26.00 0.78 0.00	27.40 1.10 0.00	31.03 1.44 -0.27	34.95 1.61 -1.13	35.37 1.62 -0.68	33.53 1.41 -3.34	31.01 1.49 -0.29	29.62 1.17 -3.02	27.15 0.99 -0.76	26.91 1.42 -0.12
NUCOR_STEEL___DRP 24197	30.52 -0.18 0.00	28.03 -0.17 0.00	27.83 -0.25 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.53 0.06 0.00	37.06 -0.04 0.00	38.30 -0.12 -0.07	33.57 -0.10 -0.12	30.00 -0.06 0.00	25.94 -0.10 0.00	24.88 -0.25 0.00	24.48 -0.40 0.00	24.69 -0.35 0.00	24.86 -0.35 0.00	26.06 -0.24 0.00	29.12 -0.23 -0.03	32.17 -0.16 -0.12	33.04 -0.10 -0.08	29.12 -0.03 -0.37	29.11 -0.15 -0.03	25.56 -0.20 -0.33	25.21 -0.28 -0.08	24.90 -0.48 -0.01
NUMBER_THREE_WT_PWR 323818	31.07 0.37 0.00	28.48 0.28 0.00	28.34 0.25 0.00	28.47 0.31 0.00	28.72 0.37 0.00	29.98 0.50 0.00	37.73 0.63 0.00	39.02 0.65 -0.02	33.95 0.37 -0.04	30.30 0.24 0.00	26.10 0.05 0.00	25.06 -0.08 0.00	24.78 -0.10 0.00	24.97 -0.07 0.00	25.17 -0.05 0.00	26.40 0.11 0.00	29.36 0.03 -0.01	32.21 -0.03 -0.04	33.09 0.00 -0.02	28.86 -0.03 -0.11	29.12 -0.12 -0.01	25.28 -0.25 -0.10	25.15 -0.28 -0.02	25.10 -0.28 0.00
NYISO_LBMP_REFERENCE 24008	30.70 0.00 0.00	28.20 0.00 0.00	28.08 0.00 0.00	28.16 0.00 0.00	28.35 0.00 0.00	29.48 0.00 0.00	37.10 0.00 0.00	38.35 0.00 0.00	33.54 0.00 0.00	30.06 0.00 0.00	26.05 0.00 0.00	25.13 0.00 0.00	24.88 0.00 0.00	25.04 0.00 0.00	25.22 0.00 0.00	26.30 0.00 0.00	29.32 0.00 0.00	32.21 0.00 0.00	33.07 0.00 0.00	28.78 0.00 0.00	29.23 0.00 0.00	25.43 0.00 0.00	25.41 0.00 0.00	25.37 0.00 0.00
NYPA_BRENTWD___GT 24164	39.38 3.32 -5.36	32.98 2.99 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	31.96 2.86 -0.74	41.34 3.12 -8.74	49.07 4.45 -7.52	55.69 4.83 -12.51	44.16 4.33 -6.29	33.49 3.43 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.04 2.16 0.00	27.32 2.28 0.00	27.79 2.57 0.00	35.88 3.31 -6.27	42.18 3.75 -9.11	54.69 4.22 -18.26	61.21 4.33 -23.81	50.75 3.86 -18.11	42.41 3.77 -9.41	40.38 3.23 -11.72	37.07 3.02 -8.64	32.51 2.94 -4.20
NYPA_GOWANUS___GT5 24156	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11
NYPA_GOWANUS___GT6 24157	33.13 2.43 0.00	30.29 2.09 0.00	30.19 2.11 0.00	30.22 2.05 0.00	30.22 1.87 0.00	31.51 2.03 0.00	40.18 3.08 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.31 2.08 -1.09	28.07 1.77 -1.43	29.07 1.85 -2.18	30.10 2.17 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.27 2.47 -2.38	28.29 2.29 -0.59	27.78 2.31 -0.11

NYPA_HARLEM__RVR__GT1 24160	32.98 2.27 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.07 3.22 -0.51	37.49 3.08 -0.86	32.64 2.59 0.01	28.58 2.29 -0.24	27.25 1.98 -0.13	26.72 1.67 -0.18	27.09 1.78 -0.27	27.63 2.07 -0.34	28.90 2.42 -0.18	32.66 2.70 -0.65	36.67 2.96 -1.50	37.11 3.08 -0.97	34.52 2.74 -3.00	32.05 2.60 -0.22	30.11 2.31 -2.37	28.19 2.19 -0.59	27.81 2.33 -0.11
NYPA_HARLEM__RVR__GT2 24161	32.98 2.27 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.07 3.22 -0.51	37.49 3.08 -0.86	32.64 2.59 0.01	28.58 2.29 -0.24	27.25 1.98 -0.13	26.72 1.67 -0.18	27.09 1.78 -0.27	27.63 2.07 -0.34	28.90 2.42 -0.18	32.66 2.70 -0.65	36.67 2.96 -1.50	37.11 3.08 -0.97	34.52 2.74 -3.00	32.05 2.60 -0.22	30.11 2.31 -2.37	28.19 2.19 -0.59	27.81 2.33 -0.11
NYPA_KENT____GT 24152	33.07 2.36 0.00	30.26 2.06 0.00	30.13 2.05 0.00	30.16 2.00 0.00	30.19 1.84 0.00	31.48 2.01 0.00	40.14 3.04 0.00	42.23 3.38 -0.51	37.60 3.19 -0.87	32.74 2.67 0.00	30.35 2.37 -1.93	28.29 2.06 -1.09	28.05 1.74 -1.43	29.05 1.83 -2.18	30.07 2.14 -2.71	30.28 2.50 -1.49	35.75 2.79 -3.64	41.03 3.12 -5.70	40.24 3.24 -3.93	37.26 2.88 -5.60	32.14 2.69 -0.23	30.23 2.42 -2.38	28.26 2.26 -0.59	27.76 2.28 -0.11
NYPA_POUCH1____GT 24155	33.07 2.36 0.00	30.23 2.03 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.17 1.82 0.00	31.39 1.91 0.00	40.03 2.93 0.00	42.07 3.22 -0.51	37.50 3.08 -0.87	32.59 2.53 0.00	30.23 2.24 -1.94	28.20 1.96 -1.10	27.96 1.64 -1.44	28.96 1.73 -2.20	29.97 2.04 -2.71	30.18 2.39 -1.49	35.65 2.70 -3.64	40.97 3.06 -5.70	40.17 3.17 -3.93	37.21 2.82 -5.60	32.06 2.60 -0.23	30.15 2.34 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
NYPA_VERNON____GT2 24162	33.01 2.30 0.00	30.20 2.00 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.17 1.82 0.00	31.45 1.98 0.00	40.11 3.00 0.00	42.19 3.33 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.35 -1.93	28.26 2.03 -1.09	28.02 1.72 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.26 2.47 -1.49	35.71 2.76 -3.64	40.97 3.06 -5.70	40.14 3.14 -3.93	37.18 2.79 -5.60	32.12 2.66 -0.23	30.20 2.39 -2.38	28.24 2.24 -0.59	27.71 2.23 -0.11
NYPA_VERNON____GT3 24163	33.01 2.30 0.00	30.20 2.00 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.17 1.82 0.00	31.45 1.98 0.00	40.11 3.00 0.00	42.19 3.33 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.32 2.35 -1.93	28.26 2.03 -1.09	28.02 1.72 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.26 2.47 -1.49	35.71 2.76 -3.64	40.97 3.06 -5.70	40.14 3.14 -3.93	37.18 2.79 -5.60	32.12 2.66 -0.23	30.20 2.39 -2.38	28.24 2.24 -0.59	27.71 2.23 -0.11
NYPA__ASTORIA_CC1 323568	32.98 2.27 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.11 1.76 0.00	31.39 1.91 0.00	40.03 2.93 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.21 1.98 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.20 2.42 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.08 3.08 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.15 2.34 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
NYPA__ASTORIA_CC2 323569	32.98 2.27 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.11 1.76 0.00	31.39 1.91 0.00	40.03 2.93 0.00	42.11 3.26 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.21 1.98 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.20 2.42 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.08 3.08 -3.93	37.15 2.76 -5.60	32.06 2.60 -0.23	30.15 2.34 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
NYPA__HOLTSVILL 23794	39.25 3.19 -5.36	32.90 2.91 -1.79	30.92 2.84 0.00	30.98 2.82 0.00	31.84 2.75 -0.74	41.19 2.98 -8.74	48.92 4.30 -7.52	55.57 4.72 -12.51	43.99 4.16 -6.29	33.37 3.31 0.00	28.89 2.84 0.00	27.62 2.49 0.00	26.94 2.06 0.00	27.22 2.18 0.00	27.69 2.47 0.00	35.75 3.18 -6.27	42.07 3.64 -9.11	54.60 4.12 -18.26	61.04 4.17 -23.81	50.66 3.77 -18.11	42.29 3.65 -9.41	40.25 3.10 -11.72	36.97 2.92 -8.64	32.41 2.84 -4.20
NYPA__HELLGATE_GT1 24158	32.98 2.27 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.07 3.22 -0.51	37.49 3.08 -0.86	32.64 2.59 0.01	31.94 2.29 -3.60	29.16 1.98 -2.04	29.21 1.67 -2.66	30.88 1.78 -4.06	32.33 2.07 -5.05	31.49 2.42 -2.77	38.59 2.70 -6.57	44.99 2.96 -9.82	42.99 3.08 -6.85	39.68 2.74 -8.16	32.05 2.60 -0.22	30.11 2.31 -2.37	28.19 2.19 -0.59	27.81 2.33 -0.11
NYPA__HELLGATE_GT2 24159	32.98 2.27 0.00	30.12 1.92 0.00	30.05 1.97 0.00	30.05 1.89 0.00	30.05 1.70 0.00	31.30 1.83 0.00	40.00 2.90 0.00	42.07 3.22 -0.51	37.49 3.08 -0.86	32.64 2.59 0.01	31.94 2.29 -3.60	29.16 1.98 -2.04	29.21 1.67 -2.66	30.88 1.78 -4.06	32.33 2.07 -5.05	31.49 2.42 -2.77	38.59 2.70 -6.57	44.99 2.96 -9.82	42.99 3.08 -6.85	39.68 2.74 -8.16	32.05 2.60 -0.22	30.11 2.31 -2.37	28.19 2.19 -0.59	27.81 2.33 -0.11
NYS_BARGE__HYD 23848	28.55 -2.15 0.00	26.40 -1.81 0.00	25.84 -2.25 0.00	25.97 -2.20 0.00	26.54 -1.82 0.00	28.00 -1.47 0.00	33.80 -3.30 0.00	35.16 -3.26 -0.08	30.59 -3.09 -0.13	27.72 -2.35 0.00	24.41 -1.64 0.00	23.32 -1.81 0.00	22.91 -1.97 0.00	23.09 -1.95 0.00	23.05 -2.17 0.00	23.98 -2.31 0.00	26.36 -2.99 -0.03	28.96 -3.38 -0.14	29.64 -3.51 -0.08	26.59 -2.59 -0.40	26.34 -2.92 -0.04	23.31 -2.49 -0.36	23.19 -2.31 -0.09	23.33 -2.05 -0.01
OAK ORCHARD__HYD 24046	29.39 -1.32 0.00	27.07 -1.13 0.00	26.65 -1.43 0.00	26.78 -1.38 0.00	27.22 -1.13 0.00	28.65 -0.83 0.00	35.28 -1.82 0.00	36.88 -1.54 -0.07	32.16 -1.51 -0.12	28.77 -1.29 0.00	25.16 -0.89 0.00	24.08 -1.05 0.00	23.69 -1.19 0.00	23.89 -1.15 0.00	23.91 -1.31 0.00	24.96 -1.34 0.00	27.80 -1.55 -0.03	30.69 -1.64 -0.12	31.49 -1.65 -0.07	27.93 -1.21 -0.36	27.86 -1.40 -0.03	24.54 -1.22 -0.33	24.32 -1.17 -0.08	24.37 -1.02 -0.01
OAKDALE__35_KV_LOAD 356122	30.92 0.21 0.00	28.43 0.23 0.00	28.20 0.11 0.00	28.28 0.11 0.00	28.52 0.17 0.00	29.92 0.44 0.00	37.55 0.45 0.00	38.90 0.38 -0.18	34.15 0.30 -0.30	30.46 0.39 0.00	26.39 0.34 0.00	25.28 0.15 0.00	24.85 -0.02 0.00	25.07 0.03 0.00	25.29 0.08 0.00	26.51 0.21 0.00	29.57 0.18 -0.07	32.71 0.19 -0.31	33.52 0.26 -0.19	29.98 0.29 -0.91	29.51 0.20 -0.08	26.36 0.10 -0.83	25.66 0.05 -0.21	25.30 -0.10 -0.03
OCC_CHEM__DRP 24175	27.88 -2.82 0.00	25.75 -2.45 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	25.57 -2.78 0.00	27.53 -1.95 0.00	33.73 -3.38 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.39 -2.68 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.39 -2.49 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.73 0.00	25.87 -3.49 -0.03	28.42 -3.93 -0.14	29.12 -4.03 -0.08	26.17 -3.02 -0.41	25.90 -3.36 -0.04	23.01 -2.80 -0.37	22.78 -2.72 -0.09	21.96 -3.42 -0.02

OH_GEN_PROXY 24063	28.37 -2.33 0.00	26.26 -1.95 0.00	25.73 -2.36 0.00	25.85 -2.31 0.00	26.37 -1.99 0.00	27.85 -1.62 0.00	33.65 -3.45 0.00	35.05 -3.37 -0.08	30.53 -3.15 -0.14	27.60 -2.46 0.00	24.33 -1.72 0.00	23.30 -1.83 0.00	22.89 -1.99 0.00	23.06 -1.98 0.00	23.02 -2.19 0.00	23.98 -2.31 0.00	26.36 -2.99 -0.03	28.93 -3.41 -0.14	29.68 -3.47 -0.08	26.63 -2.56 -0.41	26.40 -2.86 -0.04	23.39 -2.42 -0.37	23.38 -2.26 -0.24	23.26 -1.98 0.13
OLIN_CORP_DRP 24177	28.09 -2.61 0.00	25.95 -2.26 0.00	25.53 -2.56 0.00	25.63 -2.53 0.00	25.77 -2.58 0.00	27.59 -1.89 0.00	33.84 -3.26 0.00	34.55 -3.87 -0.08	30.06 -3.62 -0.14	27.48 -2.59 0.00	24.02 -2.03 0.00	22.97 -2.16 0.00	22.44 -2.44 0.00	22.71 -2.33 0.00	22.70 -2.52 0.00	23.62 -2.68 0.00	25.93 -3.43 -0.03	28.48 -3.86 -0.14	29.18 -3.97 -0.08	26.20 -2.99 -0.41	25.96 -3.30 -0.04	23.03 -2.77 -0.37	22.81 -2.69 -0.09	22.01 -3.37 -0.02
OLIN_CORP_DSASP 323712	27.94 -2.76 0.00	25.86 -2.34 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	26.00 -2.35 0.00	27.53 -1.95 0.00	33.09 -4.01 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.12 -2.95 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.49 -2.39 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.74 0.00	25.87 -3.49 -0.03	28.41 -3.93 -0.14	29.11 -4.04 -0.08	26.17 -3.02 -0.41	25.93 -3.33 -0.04	22.98 -2.82 -0.37	22.86 -2.64 -0.09	23.05 -2.33 -0.02
ONEIDA_HERK_LFGE 323681	31.50 0.80 0.00	28.91 0.71 0.00	28.73 0.65 0.00	28.87 0.70 0.00	29.09 0.74 0.00	30.39 0.91 0.00	38.25 1.15 0.00	39.55 1.19 -0.02	34.45 0.87 -0.03	30.79 0.72 0.00	26.57 0.52 0.00	25.48 0.35 0.00	25.18 0.30 0.00	25.36 0.32 0.00	25.60 0.38 0.00	26.85 0.55 0.00	29.95 0.62 -0.01	32.98 0.74 -0.03	33.88 0.79 -0.02	29.56 0.69 -0.09	29.88 0.64 -0.01	25.95 0.43 -0.08	25.83 0.41 -0.02	25.75 0.38 0.00
ONEIDA___115KV_TB4 55905	31.66 0.95 0.00	29.08 0.87 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.23 0.88 0.00	30.62 1.15 0.00	38.55 1.45 0.00	39.80 1.42 -0.03	34.75 1.14 -0.06	31.03 0.96 0.00	26.78 0.73 0.00	25.66 0.53 0.00	25.28 0.40 0.00	25.49 0.45 0.00	25.75 0.53 0.00	27.03 0.74 0.00	30.22 0.88 -0.01	33.33 1.06 -0.06	34.26 1.16 -0.04	29.97 1.01 -0.18	30.18 0.94 -0.02	26.31 0.71 -0.16	26.11 0.66 -0.04	25.91 0.53 -0.01
ONONDAGA_REF_OCCRA 23987	30.31 -0.40 0.00	27.84 -0.37 0.00	27.64 -0.45 0.00	27.71 -0.45 0.00	27.95 -0.40 0.00	29.24 -0.24 0.00	36.73 -0.37 0.00	37.99 -0.42 -0.07	33.26 -0.40 -0.11	29.76 -0.30 0.00	25.79 -0.26 0.00	24.76 -0.38 0.00	24.36 -0.52 0.00	24.56 -0.48 0.00	24.76 -0.45 0.00	25.93 -0.37 0.00	28.97 -0.38 -0.03	31.97 -0.35 -0.11	32.84 -0.30 -0.07	28.92 -0.20 -0.34	28.96 -0.29 -0.03	25.41 -0.33 -0.31	25.10 -0.38 -0.08	24.80 -0.58 -0.01
ONONDAGA___COGEN 23986	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01
ONTARIO___LFGE 23819	30.77 0.06 0.00	28.29 0.08 0.00	28.00 -0.08 0.00	28.11 -0.06 0.00	28.49 0.14 0.00	29.98 0.50 0.00	37.33 0.22 0.00	38.70 0.27 -0.08	34.02 0.34 -0.14	30.37 0.30 0.00	26.31 0.26 0.00	25.16 0.03 0.00	24.71 -0.17 0.00	24.94 -0.10 0.00	25.09 -0.13 0.00	26.27 -0.03 0.00	29.33 -0.03 -0.04	32.42 0.06 -0.15	33.32 0.17 -0.09	29.33 0.12 -0.43	29.24 -0.03 -0.04	25.67 -0.15 -0.39	25.25 -0.25 -0.10	25.13 -0.25 -0.02
ORANGEVILLE_WT_PWR 323706	28.77 -1.93 0.00	26.62 -1.58 0.00	26.06 -2.02 0.00	26.19 -1.97 0.00	26.74 -1.61 0.00	28.24 -1.24 0.00	34.25 -2.86 0.00	35.48 -2.95 -0.08	30.87 -2.82 -0.14	28.11 -1.95 0.00	24.77 -1.28 0.00	23.67 -1.46 0.00	23.26 -1.62 0.00	23.44 -1.60 0.00	23.38 -1.84 0.00	24.33 -1.97 0.00	26.60 -2.76 -0.03	29.06 -3.29 -0.14	29.62 -3.54 -0.09	26.50 -2.71 -0.42	26.14 -3.13 -0.04	23.07 -2.75 -0.38	22.89 -2.62 -0.10	22.97 -2.41 -0.02
ORANGEVILLE___ESR 323794	28.77 -1.93 0.00	26.62 -1.58 0.00	26.06 -2.02 0.00	26.19 -1.97 0.00	26.74 -1.61 0.00	28.24 -1.24 0.00	34.25 -2.86 0.00	35.48 -2.95 -0.08	30.87 -2.82 -0.14	28.11 -1.95 0.00	24.77 -1.28 0.00	23.67 -1.46 0.00	23.26 -1.62 0.00	23.44 -1.60 0.00	23.38 -1.84 0.00	24.33 -1.97 0.00	26.60 -2.76 -0.03	29.06 -3.29 -0.14	29.62 -3.54 -0.09	26.50 -2.71 -0.42	26.14 -3.13 -0.04	23.07 -2.75 -0.38	22.89 -2.62 -0.10	22.97 -2.41 -0.02
OSWEGATCHIE___HYD 24044	30.40 -0.31 0.00	27.86 -0.34 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.12 -0.23 0.00	29.18 -0.29 0.00	36.69 -0.41 0.00	37.90 -0.46 -0.02	33.03 -0.54 -0.03	29.52 -0.54 0.00	25.45 -0.60 0.00	24.58 -0.55 0.00	24.48 -0.40 0.00	24.59 -0.45 0.00	24.64 -0.58 0.00	25.72 -0.58 0.00	28.71 -0.62 -0.01	31.50 -0.74 -0.03	32.32 -0.76 -0.02	28.09 -0.78 -0.08	28.45 -0.79 -0.01	24.72 -0.79 -0.07	24.61 -0.81 -0.02	24.69 -0.68 0.00
OSWEGO___5 23606	29.75 -0.95 0.00	27.33 -0.87 0.00	27.16 -0.93 0.00	27.23 -0.93 0.00	27.47 -0.88 0.00	28.65 -0.83 0.00	35.91 -1.19 0.00	37.24 -1.15 -0.05	32.58 -1.04 -0.08	29.13 -0.93 0.00	25.29 -0.76 0.00	24.30 -0.83 0.00	23.96 -0.92 0.00	24.16 -0.88 0.00	24.33 -0.88 0.00	25.43 -0.87 0.00	28.40 -0.94 -0.02	31.29 -1.00 -0.08	32.12 -0.99 -0.05	28.21 -0.81 -0.24	28.34 -0.91 -0.02	24.83 -0.81 -0.21	24.62 -0.84 -0.05	24.57 -0.81 -0.01
OSWEGO___6 23613	29.75 -0.95 0.00	27.33 -0.87 0.00	27.16 -0.93 0.00	27.23 -0.93 0.00	27.47 -0.88 0.00	28.65 -0.83 0.00	35.91 -1.19 0.00	37.24 -1.15 -0.05	32.58 -1.04 -0.08	29.13 -0.93 0.00	25.29 -0.76 0.00	24.30 -0.83 0.00	23.96 -0.92 0.00	24.16 -0.88 0.00	24.33 -0.88 0.00	25.43 -0.87 0.00	28.40 -0.94 -0.02	31.29 -1.00 -0.08	32.12 -0.99 -0.05	28.21 -0.81 -0.24	28.34 -0.91 -0.02	24.83 -0.81 -0.21	24.62 -0.84 -0.05	24.57 -0.81 -0.01
OUTOKUMPU-AB___DRP 24206	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.11 -2.06 0.00	26.25 -2.10 0.00	28.21 -1.27 0.00	34.69 -2.41 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.26 -1.80 0.00	24.64 -1.41 0.00	23.55 -1.58 0.00	23.01 -1.87 0.00	23.29 -1.75 0.00	23.28 -1.94 0.00	24.19 -2.10 0.00	26.54 -2.81 -0.03	29.13 -3.22 -0.14	29.81 -3.34 -0.08	26.75 -2.45 -0.42	26.49 -2.78 -0.04	23.44 -2.37 -0.37	23.19 -2.31 -0.09	22.44 -2.94 -0.02
OXBOW___BTM 323836	28.34 -2.36 0.00	26.23 -1.97 0.00	25.70 -2.39 0.00	25.80 -2.37 0.00	26.37 -1.99 0.00	27.88 -1.59 0.00	33.61 -3.49 0.00	34.97 -3.45 -0.08	30.46 -3.22 -0.14	27.57 -2.50 0.00	24.33 -1.72 0.00	23.25 -1.89 0.00	22.84 -2.04 0.00	23.01 -2.03 0.00	22.97 -2.24 0.00	23.90 -2.39 0.00	26.22 -3.14 -0.03	28.80 -3.54 -0.14	29.48 -3.67 -0.08	26.49 -2.71 -0.41	26.22 -3.04 -0.04	23.21 -2.59 -0.37	23.09 -2.41 -0.09	23.23 -2.16 -0.02

OXBOW____ 24026	28.31 -2.39 0.00	26.14 -2.06 0.00	25.70 -2.39 0.00	25.80 -2.37 0.00	25.94 -2.41 0.00	27.88 -1.59 0.00	34.24 -2.86 0.00	35.01 -3.41 -0.08	30.46 -3.22 -0.14	27.87 -2.19 0.00	24.33 -1.72 0.00	23.25 -1.88 0.00	22.71 -2.16 0.00	22.99 -2.05 0.00	22.97 -2.24 0.00	23.90 -2.39 0.00	26.22 -3.14 -0.03	28.80 -3.54 -0.14	29.48 -3.67 -0.08	26.49 -2.71 -0.41	26.22 -3.04 -0.04	23.24 -2.57 -0.37	23.01 -2.49 -0.09	22.21 -3.17 -0.02
OXY_CHEM_DSASP 323612	27.88 -2.82 0.00	25.75 -2.45 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	25.57 -2.78 0.00	27.53 -1.95 0.00	33.73 -3.38 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.39 -2.68 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.39 -2.49 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.73 0.00	25.87 -3.49 -0.03	28.42 -3.93 -0.14	29.12 -4.03 -0.08	26.17 -3.02 -0.41	25.90 -3.36 -0.04	23.01 -2.80 -0.37	22.78 -2.72 -0.09	21.96 -3.42 -0.02
OZONE_PARK_ESR 323760	33.25 2.55 0.00	30.51 2.31 0.00	30.30 2.22 0.00	30.33 2.17 0.00	30.53 2.18 0.00	31.72 2.24 0.00	40.29 3.19 0.00	42.53 3.68 -0.51	37.87 3.46 -0.87	32.95 2.89 0.00	30.56 2.60 -1.91	28.48 2.26 -1.08	28.23 1.94 -1.41	29.20 2.00 -2.16	30.22 2.32 -2.69	30.48 2.71 -1.47	35.97 3.05 -3.60	41.24 3.38 -5.65	40.47 3.51 -3.90	37.46 3.11 -5.57	32.38 2.92 -0.23	30.35 2.54 -2.37	28.49 2.49 -0.59	27.78 2.31 -0.10
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.88 -2.82 0.00	25.75 -2.45 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	25.57 -2.78 0.00	27.53 -1.95 0.00	33.73 -3.38 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.39 -2.68 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.39 -2.49 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.73 0.00	25.87 -3.49 -0.03	28.42 -3.93 -0.14	29.12 -4.03 -0.08	26.17 -3.02 -0.41	25.90 -3.36 -0.04	23.01 -2.80 -0.37	22.78 -2.72 -0.09	21.96 -3.42 -0.02
PACKARD__115KV_DUPONT_184 80571	27.88 -2.82 0.00	25.75 -2.45 0.00	25.33 -2.75 0.00	25.46 -2.70 0.00	25.57 -2.78 0.00	27.53 -1.95 0.00	33.73 -3.38 0.00	34.44 -3.99 -0.08	29.99 -3.69 -0.14	27.39 -2.68 0.00	23.94 -2.11 0.00	22.90 -2.24 0.00	22.39 -2.49 0.00	22.66 -2.38 0.00	22.62 -2.60 0.00	23.56 -2.73 0.00	25.87 -3.49 -0.03	28.42 -3.93 -0.14	29.12 -4.03 -0.08	26.17 -3.02 -0.41	25.90 -3.36 -0.04	23.01 -2.80 -0.37	22.78 -2.72 -0.09	21.96 -3.42 -0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.95 2.24 0.00	30.20 2.00 0.00	30.02 1.94 0.00	30.02 1.86 0.00	30.25 1.90 0.00	31.27 1.80 0.00	39.70 2.60 0.00	41.96 3.11 -0.51	37.37 2.95 -0.87	32.50 2.44 0.00	28.28 2.16 -0.07	27.03 1.86 -0.03	26.49 1.57 -0.05	26.72 1.60 -0.08	27.21 1.89 -0.10	28.64 2.29 -0.05	32.21 2.55 -0.34	36.11 2.83 -1.07	36.67 2.94 -0.66	34.14 2.62 -2.74	31.94 2.48 -0.23	29.94 2.14 -2.38	28.16 2.16 -0.59	27.60 2.13 -0.10
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.28 2.58 0.00	30.54 2.34 0.00	30.33 2.25 0.00	30.33 2.17 0.00	30.56 2.21 0.00	31.57 2.09 0.00	40.11 3.01 0.00	42.38 3.53 -0.51	37.70 3.29 -0.87	32.77 2.71 0.00	28.51 2.40 -0.07	27.25 2.09 -0.03	26.72 1.79 -0.05	26.94 1.83 -0.08	27.43 2.12 -0.10	28.87 2.52 -0.05	32.48 2.81 -0.34	36.40 3.12 -1.07	36.97 3.24 -0.66	34.40 2.88 -2.74	32.20 2.75 -0.23	30.17 2.37 -2.38	28.42 2.41 -0.59	27.83 2.36 -0.10
PATROON__115KV_TB1 80586	31.99 1.29 0.00	29.41 1.21 0.00	29.24 1.15 0.00	29.32 1.15 0.00	29.51 1.16 0.00	30.39 0.91 0.00	38.29 1.19 0.00	40.55 1.57 -0.63	36.00 1.38 -1.08	31.21 1.14 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.53 0.65 0.00	25.74 0.70 0.00	26.20 0.98 0.00	27.51 1.21 0.00	30.85 1.26 -0.27	34.57 1.26 -1.10	34.99 1.26 -0.67	33.14 1.09 -3.27	30.74 1.23 -0.29	29.48 1.09 -2.95	27.49 1.35 -0.74	26.73 1.24 -0.12
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.05 -1.66 0.00	26.82 -1.38 0.00	26.34 -1.74 0.00	26.47 -1.69 0.00	26.65 -1.70 0.00	28.56 -0.91 0.00	35.32 -1.78 0.00	35.44 -2.99 -0.09	30.81 -2.88 -0.15	28.83 -1.23 0.00	25.11 -0.94 0.00	23.95 -1.18 0.00	23.46 -1.42 0.00	23.71 -1.33 0.00	23.68 -1.54 0.00	24.64 -1.66 0.00	26.69 -2.67 -0.04	29.07 -3.29 -0.15	29.75 -3.41 -0.09	26.64 -2.59 -0.45	26.49 -2.78 -0.04	23.32 -2.52 -0.40	23.02 -2.49 -0.10	22.85 -2.54 -0.02
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.04 2.33 0.00	30.35 2.14 0.00	30.13 2.05 0.00	30.25 2.08 0.00	30.36 2.01 0.00	31.60 2.12 0.00	40.03 2.93 0.00	42.20 3.34 -0.52	37.49 3.05 -0.89	32.50 2.44 0.00	28.21 2.16 0.00	26.89 1.76 0.00	26.32 1.44 0.00	26.54 1.50 0.00	27.06 1.84 0.00	28.53 2.24 0.00	32.09 2.55 -0.22	35.95 2.83 -0.91	36.56 2.94 -0.55	34.10 2.62 -2.70	32.04 2.57 -0.24	30.03 2.16 -2.44	28.05 2.03 -0.61	27.35 1.88 -0.10
PEEKSKILL____ 23653	32.73 2.03 0.00	30.01 1.81 0.00	29.86 1.77 0.00	29.91 1.75 0.00	30.02 1.67 0.00	31.30 1.83 0.00	39.77 2.67 0.00	41.84 2.99 -0.50	37.19 2.78 -0.86	32.38 2.32 0.00	28.08 2.03 0.00	26.84 1.71 0.00	26.27 1.39 0.00	26.54 1.50 0.00	27.03 1.82 0.00	28.43 2.13 0.00	31.91 2.37 -0.21	35.73 2.64 -0.88	36.34 2.74 -0.53	33.82 2.45 -2.60	31.82 2.37 -0.23	29.84 2.06 -2.35	27.92 1.93 -0.59	27.34 1.88 -0.10
PGE MADISON__WINDPWR 24146	34.11 3.41 0.00	31.28 3.07 0.00	31.01 2.92 0.00	31.18 3.01 0.00	31.55 3.20 0.00	33.25 3.77 0.00	41.81 4.71 0.00	43.38 4.87 -0.17	37.69 3.86 -0.29	33.34 3.28 0.00	28.57 2.53 0.00	27.17 2.03 0.00	26.75 1.87 0.00	26.97 1.93 0.00	27.26 2.04 0.00	28.88 2.58 0.00	32.56 3.17 -0.07	36.14 3.64 -0.29	37.18 3.93 -0.18	33.07 3.42 -0.87	32.49 3.19 -0.08	28.61 2.39 -0.78	27.89 2.29 -0.20	27.58 2.18 -0.03
PIERCEFIELD__HYD 23852	30.15 -0.55 0.00	27.67 -0.54 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	27.95 -0.40 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.32 -1.04 -0.01	32.62 -0.94 -0.01	29.19 -0.87 0.00	25.16 -0.89 0.00	24.50 -0.63 0.00	24.56 -0.32 0.00	24.64 -0.40 0.00	24.56 -0.66 0.00	25.43 -0.87 0.00	28.39 -0.94 0.00	31.06 -1.16 -0.01	31.85 -1.22 -0.01	27.59 -1.24 -0.04	28.06 -1.17 0.00	24.40 -1.07 -0.04	24.35 -1.07 -0.01	24.81 -0.56 0.00
PINELAWN_CC_1 323563	39.04 2.98 -5.36	32.70 2.71 -1.79	30.72 2.64 0.00	30.78 2.62 0.00	31.65 2.55 -0.74	41.01 2.80 -8.74	48.59 3.97 -7.52	55.23 4.37 -12.51	43.76 3.92 -6.29	33.16 3.10 0.00	28.73 2.68 0.00	27.47 2.34 0.00	26.80 1.92 0.00	27.07 2.03 0.00	27.56 2.35 0.00	35.59 3.02 -6.27	41.86 3.43 -9.11	54.30 3.83 -18.26	60.84 3.97 -23.81	50.40 3.51 -18.11	42.03 3.39 -9.41	40.07 2.92 -11.72	36.82 2.77 -8.64	32.26 2.69 -4.20
PJM_GEN_HTP_PROXY 323702	32.92 2.21 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.17 1.82 0.00	31.45 1.98 0.00	40.11 3.00 0.00	42.15 3.30 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.29 2.35 -1.89	28.19 1.98 -1.07	27.95 1.67 -1.40	28.96 1.78 -2.14	29.97 2.09 -2.66	30.20 2.45 -1.46	35.59 2.70 -3.57	40.81 3.00 -5.61	40.04 3.11 -3.87	37.09 2.76 -5.55	32.09 2.63 -0.23	30.15 2.34 -2.37	28.16 2.16 -0.59	27.61 2.13 -0.11

PJM_GEN_KEystone 24065	30.67 -0.03 0.00	28.23 0.03 0.00	27.92 -0.17 0.00	27.99 -0.17 0.00	28.32 -0.03 0.00	29.74 0.26 0.00	37.03 -0.07 0.00	38.63 0.00 -0.28	34.00 -0.03 -0.49	30.25 0.18 0.00	26.39 0.34 0.00	25.21 0.08 0.00	24.76 -0.12 0.00	24.97 -0.07 0.00	25.19 -0.03 0.00	26.38 0.08 0.00	29.30 -0.15 -0.12	32.44 -0.26 -0.50	33.14 -0.23 -0.30	30.25 0.00 -1.47	29.21 -0.15 -0.13	26.63 -0.13 -1.33	25.59 -0.15 -0.33	25.30 -0.13 -0.05
PJM_GEN_NEPTUNE_PROXY 323594	38.58 2.52 -5.36	32.28 2.28 -1.79	30.30 2.22 0.00	30.36 2.20 0.00	31.22 2.13 -0.74	40.54 2.33 -8.74	47.92 3.30 -7.52	54.50 3.64 -12.51	43.19 3.35 -6.29	32.74 2.67 0.00	28.39 2.35 0.00	27.14 2.01 0.00	26.50 1.62 0.00	26.77 1.73 0.00	27.24 2.02 0.00	35.17 2.60 -6.27	41.33 2.90 -9.11	53.69 3.22 -18.26	60.18 3.31 -23.81	49.86 2.97 -18.11	41.50 2.87 -9.41	39.67 2.52 -11.71	36.41 2.36 -8.64	31.88 2.31 -4.20
PJM_GEN_VFT_PROXY 323633	32.76 2.06 0.00	30.03 1.83 0.00	29.91 1.82 0.00	29.94 1.78 0.00	30.00 1.64 0.00	31.30 1.83 0.00	39.89 2.78 0.00	41.88 3.03 -0.51	37.37 2.95 -0.87	32.53 2.47 0.00	30.20 2.24 -1.91	28.10 1.89 -1.08	27.86 1.57 -1.41	28.90 1.70 -2.16	29.89 1.99 -2.69	30.11 2.34 -1.47	35.53 2.61 -3.60	40.69 2.83 -5.65	39.90 2.94 -3.90	37.00 2.65 -5.57	31.97 2.51 -0.23	30.05 2.24 -2.37	28.06 2.06 -0.59	27.51 2.03 -0.11
PLATSBRG_115KV_PMLD1 355749	31.93 1.23 0.00	29.33 1.13 0.00	29.29 1.21 0.00	29.40 1.24 0.00	29.57 1.22 0.00	30.68 1.21 0.00	38.14 1.04 0.00	39.42 1.07 0.00	34.42 0.87 0.00	30.85 0.78 0.00	26.60 0.55 0.00	25.84 0.70 0.00	25.82 0.95 0.00	25.92 0.88 0.00	25.82 0.61 0.00	26.74 0.45 0.00	29.82 0.50 0.00	32.59 0.39 0.00	33.33 0.26 0.00	28.67 -0.12 0.00	29.14 -0.09 0.00	25.28 -0.15 0.00	25.18 -0.23 0.00	25.65 0.28 0.00
PLEASANTVLY___LBMP 24000	32.58 1.87 0.00	29.92 1.72 0.00	29.74 1.66 0.00	29.80 1.63 0.00	30.00 1.64 0.00	31.18 1.71 0.00	39.40 2.30 0.00	41.56 2.68 -0.53	36.91 2.45 -0.92	32.11 2.04 0.00	27.87 1.82 0.00	26.64 1.51 0.00	26.10 1.22 0.00	26.32 1.28 0.00	26.83 1.61 0.00	28.22 1.92 0.00	31.69 2.14 -0.22	35.53 2.38 -0.94	36.08 2.45 -0.57	33.74 2.19 -2.77	31.57 2.10 -0.24	29.77 1.83 -2.50	27.81 1.78 -0.63	27.12 1.65 -0.10
PLSNTVLE_13_KV_13.8KVDIST 80602	32.79 2.09 0.00	30.12 1.92 0.00	29.94 1.85 0.00	29.99 1.83 0.00	30.17 1.81 0.00	31.39 1.92 0.00	39.74 2.63 0.00	41.96 3.11 -0.51	37.28 2.85 -0.88	32.41 2.35 0.00	28.16 2.11 0.00	26.92 1.78 0.00	26.35 1.47 0.00	26.57 1.53 0.00	27.06 1.84 0.00	28.51 2.21 0.00	32.00 2.46 -0.22	35.81 2.71 -0.90	36.42 2.81 -0.54	33.94 2.50 -2.66	31.89 2.43 -0.23	29.92 2.09 -2.40	28.04 2.03 -0.60	27.35 1.88 -0.10
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.82 2.12 0.00	30.15 1.95 0.00	29.97 1.88 0.00	30.02 1.86 0.00	30.22 1.87 0.00	31.45 1.97 0.00	39.77 2.67 0.00	41.78 2.91 -0.52	37.13 2.68 -0.90	32.26 2.19 0.00	27.98 1.93 0.00	26.69 1.56 0.00	26.15 1.27 0.00	26.37 1.33 0.00	26.88 1.66 0.00	28.30 2.00 0.00	31.80 2.26 -0.22	35.70 2.58 -0.92	36.27 2.65 -0.56	33.86 2.36 -2.72	31.74 2.28 -0.24	29.82 1.93 -2.45	27.90 1.88 -0.61	27.20 1.73 -0.10
POLETTI____ 23519	32.95 2.24 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.28 1.93 0.00	31.42 1.95 0.00	39.85 2.75 0.00	42.03 3.18 -0.51	37.43 3.02 -0.87	32.59 2.53 0.00	30.28 2.32 -1.91	28.18 1.96 -1.08	27.93 1.64 -1.41	28.93 1.73 -2.16	29.92 2.02 -2.69	30.16 2.39 -1.47	35.59 2.67 -3.60	40.82 2.96 -5.65	40.04 3.08 -3.90	37.09 2.73 -5.57	32.03 2.57 -0.23	30.05 2.24 -2.37	28.19 2.19 -0.59	27.52 2.05 -0.10
POMONA___ESR 323819	32.67 1.97 0.00	29.98 1.78 0.00	29.83 1.74 0.00	29.88 1.72 0.00	30.00 1.64 0.00	31.30 1.83 0.00	39.77 2.67 0.00	41.79 2.95 -0.49	37.10 2.72 -0.84	32.32 2.26 0.00	28.05 2.01 0.00	26.79 1.66 0.00	26.25 1.37 0.00	26.52 1.48 0.00	26.98 1.76 0.00	28.37 2.08 0.00	31.84 2.32 -0.21	35.67 2.61 -0.86	36.30 2.71 -0.52	33.74 2.42 -2.54	31.76 2.31 -0.22	29.76 2.04 -2.29	27.86 1.88 -0.57	27.29 1.83 -0.09
PORT_JEFF_3 23555	39.65 3.59 -5.36	33.21 3.21 -1.79	31.23 3.14 0.00	31.29 3.13 0.00	32.19 3.09 -0.74	41.57 3.36 -8.74	49.41 4.79 -7.52	56.11 5.25 -12.51	44.43 4.60 -6.29	33.64 3.58 0.00	29.15 3.10 0.00	27.87 2.74 0.00	27.17 2.29 0.00	27.44 2.40 0.00	27.92 2.70 0.00	36.06 3.50 -6.27	42.48 4.05 -9.11	55.08 4.61 -18.26	61.31 4.43 -23.81	51.10 4.20 -18.11	42.70 4.06 -9.41	40.61 3.46 -11.72	37.30 3.25 -8.64	32.71 3.15 -4.20
PORT_JEFF_4 23616	39.65 3.59 -5.36	33.21 3.21 -1.79	31.23 3.14 0.00	31.29 3.13 0.00	32.19 3.09 -0.74	41.57 3.36 -8.74	49.41 4.79 -7.52	56.11 5.25 -12.51	44.43 4.60 -6.29	33.64 3.58 0.00	29.15 3.10 0.00	27.87 2.74 0.00	27.17 2.29 0.00	27.44 2.40 0.00	27.92 2.70 0.00	36.06 3.50 -6.27	42.48 4.05 -9.11	55.08 4.61 -18.26	61.31 4.43 -23.81	51.10 4.20 -18.11	42.70 4.06 -9.41	40.61 3.46 -11.72	37.30 3.25 -8.64	32.71 3.15 -4.20
PORT_JEFF_IC 23713	39.62 3.56 -5.36	33.18 3.19 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.16 3.06 -0.74	41.54 3.33 -8.74	49.37 4.75 -7.52	56.07 5.21 -12.51	44.39 4.56 -6.29	33.61 3.55 0.00	29.12 3.07 0.00	27.85 2.72 0.00	27.14 2.26 0.00	27.42 2.38 0.00	27.89 2.67 0.00	36.06 3.50 -6.27	42.45 4.02 -9.11	55.08 4.61 -18.26	61.28 4.40 -23.81	51.07 4.17 -18.11	42.67 4.03 -9.41	40.58 3.43 -11.72	37.28 3.23 -8.64	32.69 3.12 -4.20
PPL PILGRIM_ST_GT1 24216	39.38 3.32 -5.36	32.98 2.99 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	31.96 2.86 -0.74	41.34 3.12 -8.74	49.07 4.45 -7.52	55.69 4.83 -12.51	44.16 4.33 -6.29	33.49 3.43 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.04 2.16 0.00	27.32 2.28 0.00	27.79 2.57 0.00	35.88 3.31 -6.27	42.18 3.75 -9.11	54.69 4.22 -18.26	61.21 4.33 -23.81	50.75 3.86 -18.11	42.41 3.77 -9.41	40.38 3.23 -11.72	37.07 3.02 -8.64	32.51 2.94 -4.20
PPL PILGRIM_ST_GT2 24217	39.38 3.32 -5.36	32.98 2.99 -1.79	31.03 2.95 0.00	31.09 2.93 0.00	31.96 2.86 -0.74	41.34 3.12 -8.74	49.07 4.45 -7.52	55.69 4.83 -12.51	44.16 4.33 -6.29	33.49 3.43 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.04 2.16 0.00	27.32 2.28 0.00	27.79 2.57 0.00	35.88 3.31 -6.27	42.18 3.75 -9.11	54.69 4.22 -18.26	61.21 4.33 -23.81	50.75 3.86 -18.11	42.41 3.77 -9.41	40.38 3.23 -11.72	37.07 3.02 -8.64	32.51 2.94 -4.20

PPL_SHRM_GT3 24213	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
PPL_SHRM_GT4 24214	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
PROJECT___ORANGE 1 24174	30.09 -0.61 0.00	27.64 -0.56 0.00	27.47 -0.62 0.00	27.54 -0.62 0.00	27.76 -0.60 0.00	29.03 -0.44 0.00	36.40 -0.70 0.00	37.67 -0.73 -0.06	32.97 -0.67 -0.10	29.55 -0.51 0.00	25.63 -0.42 0.00	24.58 -0.55 0.00	24.21 -0.67 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.75 -0.55 0.00	28.76 -0.59 -0.02	31.72 -0.58 -0.10	32.60 -0.53 -0.06	28.67 -0.40 -0.29	28.73 -0.53 -0.03	25.18 -0.51 -0.26	24.91 -0.56 -0.06	24.62 -0.76 -0.01
PROJECT___ORANGE 2 24166	30.09 -0.61 0.00	27.64 -0.56 0.00	27.47 -0.62 0.00	27.54 -0.62 0.00	27.76 -0.60 0.00	29.03 -0.44 0.00	36.40 -0.70 0.00	37.67 -0.73 -0.06	32.97 -0.67 -0.10	29.55 -0.51 0.00	25.63 -0.42 0.00	24.58 -0.55 0.00	24.21 -0.67 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.75 -0.55 0.00	28.76 -0.59 -0.02	31.72 -0.58 -0.10	32.60 -0.53 -0.06	28.67 -0.40 -0.29	28.73 -0.53 -0.03	25.18 -0.51 -0.26	24.91 -0.56 -0.06	24.62 -0.76 -0.01
PUCKETT___SOLAR 323809	31.78 1.07 0.00	29.16 0.96 0.00	28.93 0.84 0.00	29.04 0.87 0.00	29.34 0.99 0.00	30.77 1.30 0.00	38.66 1.56 0.00	40.13 1.61 -0.18	35.13 1.27 -0.31	31.15 1.08 0.00	26.88 0.83 0.00	25.68 0.55 0.00	25.28 0.40 0.00	25.51 0.47 0.00	25.77 0.55 0.00	27.11 0.82 0.00	30.36 0.97 -0.08	33.65 1.13 -0.32	34.51 1.26 -0.19	30.84 1.12 -0.93	30.33 1.02 -0.08	27.04 0.76 -0.84	26.30 0.69 -0.21	26.06 0.66 -0.03
PYRITES___HYD 24023	30.70 0.00 0.00	28.15 -0.06 0.00	28.14 0.06 0.00	28.28 0.11 0.00	28.47 0.11 0.00	29.45 -0.03 0.00	36.99 -0.11 0.00	38.27 -0.08 0.00	33.41 -0.13 0.00	29.91 -0.15 0.00	25.74 -0.31 0.00	25.06 -0.08 0.00	25.18 0.30 0.00	25.27 0.23 0.00	25.17 -0.05 0.00	26.06 -0.24 0.00	29.09 -0.23 0.00	31.82 -0.39 0.00	32.67 -0.40 0.00	28.26 -0.52 0.00	28.76 -0.47 0.00	24.97 -0.46 0.00	24.95 -0.46 0.00	25.34 -0.03 0.00
QUAKERRD_115KV_BK1 80622	28.86 -1.84 0.00	26.57 -1.64 0.00	26.26 -1.83 0.00	26.36 -1.80 0.00	26.57 -1.79 0.00	28.09 -1.39 0.00	35.10 -2.00 0.00	36.34 -2.07 -0.07	31.72 -1.95 -0.12	28.47 -1.59 0.00	24.72 -1.33 0.00	23.67 -1.46 0.00	23.21 -1.67 0.00	23.46 -1.58 0.00	23.55 -1.66 0.00	24.61 -1.68 0.00	27.45 -1.91 -0.03	30.33 -2.00 -0.12	31.12 -2.02 -0.07	27.49 -1.64 -0.35	27.42 -1.84 -0.03	24.15 -1.60 -0.32	23.86 -1.63 -0.08	23.28 -2.11 -0.01
QUENSBRY_115KV_TB8 356137	31.81 1.11 0.00	29.25 1.04 0.00	29.04 0.95 0.00	29.12 0.96 0.00	29.34 0.99 0.00	30.60 1.12 0.00	38.85 1.74 0.00	41.18 2.19 -0.64	36.36 1.71 -1.11	31.24 1.17 0.00	26.96 0.91 0.00	25.74 0.60 0.00	25.20 0.32 0.00	25.44 0.40 0.00	25.95 0.73 0.00	27.38 1.08 0.00	31.00 1.41 -0.27	34.91 1.58 -1.13	35.34 1.59 -0.68	33.51 1.38 -3.34	30.98 1.46 -0.29	29.57 1.12 -3.02	27.10 0.94 -0.76	26.91 1.42 -0.12
RAMAPO___LBMP 323565	32.58 1.87 0.00	29.89 1.69 0.00	29.71 1.63 0.00	29.77 1.61 0.00	29.97 1.62 0.00	31.18 1.71 0.00	39.48 2.37 0.00	41.63 2.80 -0.49	36.97 2.58 -0.84	32.17 2.10 0.00	27.95 1.90 0.00	26.72 1.58 0.00	26.17 1.29 0.00	26.39 1.35 0.00	26.86 1.64 0.00	28.27 1.97 0.00	31.73 2.20 -0.21	35.54 2.48 -0.85	36.13 2.55 -0.52	33.59 2.27 -2.53	31.64 2.19 -0.22	29.60 1.88 -2.29	27.81 1.83 -0.57	27.14 1.67 -0.09
RANKINE____ 23646	28.95 -1.75 0.00	26.71 -1.49 0.00	26.26 -1.83 0.00	26.36 -1.80 0.00	26.54 -1.81 0.00	28.47 -1.00 0.00	35.17 -1.93 0.00	35.75 -2.68 -0.08	31.07 -2.62 -0.14	28.68 -1.38 0.00	25.01 -1.04 0.00	23.88 -1.26 0.00	23.36 -1.52 0.00	23.64 -1.40 0.00	23.60 -1.61 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.33 -3.03 -0.15	29.98 -3.17 -0.09	26.88 -2.33 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.24 -2.26 -0.10	22.70 -2.69 -0.02
RAVENSWOOD_GT2_1 24244	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.88 2.78 0.00	42.11 3.26 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT2_2 24245	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.08 1.92 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.88 2.78 0.00	42.11 3.26 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.06 2.60 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT2_3 24246	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.30 2.32 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	28.97 1.75 -2.18	29.97 2.04 -2.71	30.23 2.45 -1.49	35.68 2.73 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.24 2.24 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT2_4 24247	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.30 2.32 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	28.97 1.75 -2.18	29.97 2.04 -2.71	30.23 2.45 -1.49	35.68 2.73 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.24 2.24 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT3_1 24248	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10

RAVENSWOOD_GT3_2 24249	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT3_3 24250	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT3_4 24251	33.01 2.30 0.00	30.23 2.03 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT_1 23729	33.04 2.33 0.00	30.32 2.12 0.00	30.11 2.02 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.32 2.34 -1.93	28.26 2.04 -1.09	28.05 1.74 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.26 2.47 -1.49	35.71 2.76 -3.64	40.97 3.06 -5.70	40.14 3.14 -3.93	37.18 2.79 -5.60	32.12 2.66 -0.23	30.10 2.29 -2.38	28.29 2.29 -0.59	27.62 2.16 -0.10
RAVENSWOOD_GT_10 24258	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT_11 24259	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT_4 24252	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.52 2.05 -0.10
RAVENSWOOD_GT_5 24254	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.52 2.05 -0.10
RAVENSWOOD_GT_6 24253	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.52 2.05 -0.10
RAVENSWOOD_GT_7 24255	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.48 2.00 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	27.97 1.67 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.87 2.96 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.52 2.05 -0.10
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD_GT_9 24257	32.95 2.24 0.00	30.26 2.06 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.45 1.97 0.00	39.92 2.82 0.00	42.15 3.30 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	30.30 2.32 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.20 2.42 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.07 3.08 -3.93	37.12 2.73 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.21 2.21 -0.59	27.55 2.08 -0.10
RAVENSWOOD___1 23533	33.01 2.30 0.00	30.20 2.00 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.17 1.82 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.19 3.33 -0.51	37.57 3.15 -0.87	32.71 2.65 0.00	30.30 2.32 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	29.03 1.80 -2.18	30.02 2.09 -2.71	30.23 2.45 -1.49	35.69 2.73 -3.64	40.94 3.03 -5.70	40.14 3.14 -3.93	37.18 2.79 -5.60	32.09 2.63 -0.23	30.17 2.37 -2.38	28.21 2.21 -0.59	27.71 2.23 -0.11
RAVENSWOOD___2 23534	32.98 2.27 0.00	30.20 2.00 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.14 1.79 0.00	31.42 1.94 0.00	40.07 2.97 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.68 2.61 0.00	30.30 2.32 -1.93	28.24 2.01 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.02 2.09 -2.71	30.23 2.45 -1.49	35.69 2.73 -3.64	40.94 3.03 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.17 2.37 -2.38	28.21 2.21 -0.59	27.68 2.21 -0.11
RAVENSWOOD___3 23535	32.95 2.24 0.00	30.18 1.97 0.00	30.05 1.97 0.00	30.10 1.94 0.00	30.17 1.82 0.00	31.45 1.98 0.00	40.07 2.97 0.00	42.15 3.30 -0.51	37.50 3.08 -0.87	32.65 2.59 0.00	30.30 2.32 -1.93	28.21 1.98 -1.09	27.97 1.67 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.20 2.42 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.08 3.08 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.15 2.34 -2.38	28.16 2.16 -0.59	27.63 2.16 -0.11

RAVENSWOOD___4 23820	32.98 2.27 0.00	30.18 1.97 0.00	30.08 1.99 0.00	30.10 1.94 0.00	30.14 1.79 0.00	31.42 1.94 0.00	40.07 2.97 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.68 2.61 0.00	30.27 2.29 -1.93	28.21 1.98 -1.09	28.00 1.69 -1.43	29.00 1.78 -2.18	30.00 2.07 -2.71	30.23 2.45 -1.49	35.65 2.70 -3.64	40.91 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.17 2.37 -2.38	28.21 2.21 -0.59	27.68 2.21 -0.11
RCPI_TRUST___DRP 24196	32.98 2.27 0.00	30.29 2.09 0.00	30.08 1.99 0.00	30.13 1.97 0.00	30.34 1.98 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.34 2.40 -1.89	28.24 2.04 -1.07	28.02 1.74 -1.40	28.98 1.80 -2.14	30.00 2.12 -2.66	30.26 2.50 -1.46	35.68 2.79 -3.57	40.91 3.09 -5.61	40.11 3.17 -3.87	37.15 2.82 -5.55	32.12 2.66 -0.23	30.10 2.29 -2.37	28.26 2.26 -0.59	27.57 2.11 -0.10
RED___ROCHESTER 323720	29.54 -1.17 0.00	27.21 -0.99 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.36 -0.99 0.00	28.77 -0.71 0.00	35.47 -1.63 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	28.95 -1.11 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.81 -1.07 0.00	24.01 -1.03 0.00	24.03 -1.18 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.69 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.42 -1.07 -0.08	24.47 -0.91 -0.01
REGAN___SOLAR 323812	34.33 3.62 0.00	31.53 3.33 0.00	31.26 3.17 0.00	31.34 3.18 0.00	31.64 3.29 0.00	33.22 3.74 0.00	42.37 5.27 0.00	44.62 5.56 -0.71	39.13 4.36 -1.23	33.43 3.37 0.00	28.71 2.66 0.00	27.37 2.24 0.00	26.75 1.87 0.00	27.12 2.08 0.00	27.61 2.40 0.00	29.32 3.02 0.00	33.49 3.87 -0.30	37.92 4.48 -1.24	38.35 4.53 -0.75	36.43 3.97 -3.67	33.64 4.09 -0.32	32.08 3.33 -3.32	29.21 2.97 -0.83	28.30 2.79 -0.14
RENSSELAER___COGEN 23796	31.87 1.17 0.00	29.30 1.10 0.00	29.15 1.07 0.00	29.23 1.07 0.00	29.37 1.02 0.00	30.27 0.80 0.00	38.18 1.08 0.00	40.31 1.34 -0.62	35.79 1.17 -1.07	31.15 1.08 0.00	27.04 0.99 0.00	25.91 0.78 0.00	25.40 0.52 0.00	25.69 0.65 0.00	26.15 0.93 0.00	27.38 1.08 0.00	30.73 1.14 -0.26	34.40 1.10 -1.09	34.85 1.12 -0.66	33.00 0.98 -3.24	30.59 1.08 -0.28	29.32 0.97 -2.92	27.38 1.24 -0.73	26.68 1.19 -0.12
REPUBLIC_115KV_BARTNBRK 55605	32.98 2.27 0.00	30.29 2.09 0.00	30.05 1.97 0.00	30.11 1.94 0.00	30.36 2.01 0.00	31.77 2.30 0.00	40.55 3.45 0.00	43.02 4.03 -0.64	37.81 3.15 -1.11	32.35 2.28 0.00	27.79 1.75 0.00	26.46 1.33 0.00	25.80 0.92 0.00	26.09 1.05 0.00	26.68 1.46 0.00	28.24 1.95 0.00	32.14 2.55 -0.27	36.27 2.93 -1.13	36.69 2.94 -0.68	34.68 2.56 -3.34	32.24 2.72 -0.29	30.54 2.09 -3.02	27.92 1.75 -0.76	27.63 2.13 -0.12
REVERE_CPPR_DRP 24186	31.99 1.29 0.00	29.33 1.13 0.00	29.15 1.07 0.00	29.26 1.10 0.00	29.51 1.16 0.00	30.89 1.41 0.00	38.92 1.82 0.00	40.18 1.80 -0.03	35.04 1.44 -0.05	31.27 1.20 0.00	26.99 0.94 0.00	25.84 0.70 0.00	25.48 0.60 0.00	25.67 0.63 0.00	25.92 0.71 0.00	27.27 0.97 0.00	30.48 1.14 -0.01	33.61 1.35 -0.05	34.55 1.45 -0.03	30.23 1.30 -0.15	30.44 1.20 -0.01	26.49 0.92 -0.14	26.31 0.86 -0.03	26.11 0.74 -0.01
REYNOLDS_115KV_TB3 80639	32.09 1.38 0.00	29.50 1.30 0.00	29.32 1.24 0.00	29.40 1.24 0.00	29.57 1.22 0.00	30.54 1.06 0.00	38.44 1.34 0.00	40.66 1.69 -0.62	36.10 1.48 -1.08	31.36 1.29 0.00	27.22 1.17 0.00	26.06 0.93 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.28 1.06 0.00	27.59 1.29 0.00	30.93 1.35 -0.26	34.69 1.38 -1.09	35.15 1.42 -0.66	33.26 1.24 -3.24	30.83 1.32 -0.28	29.53 1.17 -2.93	27.46 1.32 -0.73	26.73 1.24 -0.12
RIVERBAY____ 323610	33.28 2.58 0.00	30.54 2.34 0.00	30.33 2.25 0.00	30.33 2.17 0.00	30.56 2.21 0.00	31.57 2.09 0.00	40.11 3.01 0.00	42.38 3.53 -0.51	37.70 3.29 -0.87	32.77 2.71 0.00	28.51 2.40 -0.07	27.25 2.09 -0.03	26.72 1.79 -0.05	26.94 1.83 -0.08	27.43 2.12 -0.10	28.87 2.52 -0.05	32.48 2.81 -0.34	36.40 3.12 -1.07	36.97 3.24 -0.66	34.40 2.88 -2.74	32.20 2.75 -0.23	30.17 2.37 -2.38	28.42 2.41 -0.59	27.83 2.36 -0.10
RIVERSDE_115KV_TB3 55908	31.99 1.29 0.00	29.44 1.24 0.00	29.26 1.18 0.00	29.32 1.15 0.00	29.51 1.16 0.00	30.42 0.94 0.00	38.33 1.22 0.00	40.51 1.53 -0.63	36.00 1.38 -1.08	31.24 1.17 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.50 0.62 0.00	25.72 0.68 0.00	26.20 0.98 0.00	27.51 1.21 0.00	30.85 1.26 -0.26	34.56 1.26 -1.10	35.02 1.29 -0.66	33.15 1.12 -3.25	30.74 1.23 -0.28	29.46 1.09 -2.94	27.46 1.32 -0.73	26.71 1.22 -0.12
ROARING___BROOK_WT_PWR 323790	30.52 -0.18 0.00	28.03 -0.17 0.00	27.94 -0.14 0.00	28.02 -0.14 0.00	28.18 -0.17 0.00	29.21 -0.27 0.00	36.77 -0.33 0.00	37.92 -0.42 0.00	33.14 -0.40 0.00	29.67 -0.39 0.00	25.71 -0.34 0.00	24.96 -0.17 0.00	24.85 -0.02 0.00	24.97 -0.07 0.00	25.07 -0.15 0.00	26.01 -0.29 0.00	28.91 -0.41 0.00	31.59 -0.61 0.00	32.27 -0.79 0.00	27.92 -0.86 0.00	28.35 -0.88 0.00	24.64 -0.79 0.00	24.62 -0.79 0.00	24.58 -0.79 0.00
ROCHESRG_115KV_T4 355643	29.23 -1.47 0.00	26.93 -1.27 0.00	26.57 -1.52 0.00	26.70 -1.46 0.00	26.88 -1.47 0.00	28.53 -0.94 0.00	35.51 -1.60 0.00	36.73 -1.69 -0.07	32.02 -1.64 -0.12	28.83 -1.23 0.00	25.06 -0.99 0.00	24.00 -1.13 0.00	23.54 -1.34 0.00	23.79 -1.25 0.00	23.83 -1.39 0.00	24.88 -1.42 0.00	27.68 -1.67 -0.03	30.59 -1.74 -0.12	31.35 -1.79 -0.07	27.81 -1.32 -0.36	27.74 -1.52 -0.03	24.46 -1.30 -0.32	24.17 -1.32 -0.08	23.48 -1.90 -0.01
ROCHESTER_9_IC 23652	29.38 -1.32 0.00	27.05 -1.16 0.00	26.68 -1.40 0.00	26.81 -1.35 0.00	26.99 -1.36 0.00	28.68 -0.80 0.00	35.69 -1.41 0.00	36.92 -1.50 -0.07	32.19 -1.48 -0.12	29.01 -1.05 0.00	25.21 -0.83 0.00	24.10 -1.03 0.00	23.64 -1.24 0.00	23.89 -1.15 0.00	23.96 -1.26 0.00	25.01 -1.29 0.00	27.83 -1.52 -0.03	30.75 -1.58 -0.12	31.52 -1.62 -0.07	27.96 -1.18 -0.36	27.89 -1.37 -0.03	24.56 -1.20 -0.32	24.29 -1.19 -0.08	23.58 -1.80 -0.01
ROCKVIEW_13_KV_LD 356306	32.92 2.21 0.00	30.23 2.03 0.00	30.02 1.94 0.00	30.08 1.92 0.00	30.28 1.93 0.00	31.51 2.03 0.00	39.92 2.82 0.00	42.19 3.34 -0.51	37.50 3.09 -0.87	32.62 2.56 0.00	28.33 2.27 -0.02	27.08 1.94 -0.01	26.51 1.62 -0.02	26.74 1.68 -0.02	27.24 1.99 -0.03	28.68 2.37 -0.02	32.24 2.67 -0.25	36.08 2.93 -0.94	36.68 3.04 -0.57	34.15 2.71 -2.66	32.09 2.63 -0.23	30.07 2.26 -2.38	28.19 2.19 -0.59	27.47 2.00 -0.10
ROME____115KV_TB2 80656	31.99 1.29 0.00	29.33 1.13 0.00	29.15 1.07 0.00	29.26 1.10 0.00	29.51 1.16 0.00	30.89 1.41 0.00	38.92 1.82 0.00	40.18 1.80 -0.03	35.04 1.44 -0.05	31.27 1.20 0.00	26.99 0.94 0.00	25.84 0.70 0.00	25.48 0.60 0.00	25.67 0.63 0.00	25.92 0.71 0.00	27.27 0.97 0.00	30.48 1.14 -0.01	33.61 1.35 -0.05	34.55 1.45 -0.03	30.23 1.30 -0.15	30.44 1.20 -0.01	26.49 0.92 -0.14	26.31 0.86 -0.03	26.11 0.74 -0.01

ROSETON___1 23587	32.52 1.81 0.00	29.84 1.64 0.00	29.68 1.60 0.00	29.74 1.58 0.00	29.85 1.50 0.00	31.12 1.65 0.00	39.44 2.34 0.00	41.46 2.61 -0.51	36.84 2.42 -0.88	32.08 2.01 0.00	27.82 1.77 0.00	26.59 1.46 0.00	26.05 1.17 0.00	26.32 1.28 0.00	26.81 1.59 0.00	28.17 1.87 0.00	31.62 2.08 -0.21	35.42 2.32 -0.89	35.99 2.38 -0.54	33.56 2.13 -2.65	31.50 2.05 -0.23	29.63 1.81 -2.39	27.71 1.70 -0.60	27.12 1.65 -0.10
ROSETON___2 23588	32.52 1.81 0.00	29.84 1.64 0.00	29.68 1.60 0.00	29.74 1.58 0.00	29.85 1.50 0.00	31.12 1.65 0.00	39.44 2.34 0.00	41.46 2.61 -0.51	36.84 2.42 -0.88	32.08 2.01 0.00	27.82 1.77 0.00	26.59 1.46 0.00	26.05 1.17 0.00	26.32 1.28 0.00	26.81 1.59 0.00	28.17 1.87 0.00	31.62 2.08 -0.21	35.42 2.32 -0.89	35.99 2.38 -0.54	33.56 2.13 -2.65	31.50 2.05 -0.23	29.63 1.81 -2.39	27.71 1.70 -0.60	27.12 1.65 -0.10
ROTTTRDAM_115KV_TB3 80664	31.87 1.17 0.00	29.30 1.10 0.00	29.12 1.04 0.00	29.20 1.04 0.00	29.40 1.05 0.00	30.57 1.09 0.00	38.59 1.48 0.00	40.84 1.84 -0.65	36.24 1.58 -1.12	31.36 1.29 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.77 0.73 0.00	26.18 0.96 0.00	27.48 1.18 0.00	30.95 1.35 -0.27	34.76 1.42 -1.14	35.21 1.45 -0.69	33.42 1.27 -3.38	30.81 1.29 -0.30	29.58 1.09 -3.05	27.19 1.02 -0.76	26.48 0.99 -0.13
RUSSELL___1 23602	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
RUSSELL___2 23532	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
RUSSELL___3 23549	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
RUSSELL___4 23556	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
RUSSELL___STATION 23914	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
S SALMON___HYD 24043	30.12 -0.58 0.00	27.64 -0.56 0.00	27.47 -0.62 0.00	27.57 -0.59 0.00	27.78 -0.57 0.00	28.97 -0.50 0.00	36.36 -0.74 0.00	37.70 -0.69 -0.04	32.88 -0.74 -0.08	29.43 -0.63 0.00	25.47 -0.57 0.00	24.45 -0.68 0.00	24.11 -0.77 0.00	24.31 -0.73 0.00	24.46 -0.76 0.00	25.67 -0.63 0.00	28.67 -0.67 -0.02	31.61 -0.68 -0.08	32.52 -0.59 -0.05	28.52 -0.49 -0.23	28.66 -0.58 -0.02	25.06 -0.58 -0.21	24.88 -0.58 -0.05	24.80 -0.58 -0.01
S.PERRY___115KV_TB1 80734	31.17 0.46 0.00	28.65 0.45 0.00	28.28 0.20 0.00	28.39 0.23 0.00	28.66 0.31 0.00	30.45 0.97 0.00	38.18 1.08 0.00	39.45 1.00 -0.10	34.43 0.70 -0.18	30.94 0.87 0.00	26.65 0.60 0.00	25.41 0.28 0.00	24.85 -0.02 0.00	25.12 0.08 0.00	25.22 0.00 0.00	26.46 0.16 0.00	29.57 0.21 -0.04	32.71 0.32 -0.18	33.60 0.43 -0.11	29.69 0.37 -0.53	29.48 0.20 -0.05	25.94 0.03 -0.48	25.43 -0.10 -0.12	24.86 -0.53 -0.02
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.14 -2.03 0.00	26.28 -2.07 0.00	28.18 -1.30 0.00	34.73 -2.37 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.29 -1.77 0.00	24.67 -1.38 0.00	23.57 -1.56 0.00	23.06 -1.82 0.00	23.34 -1.70 0.00	23.30 -1.92 0.00	24.27 -2.02 0.00	26.57 -2.79 -0.03	29.16 -3.19 -0.14	29.85 -3.31 -0.09	26.78 -2.42 -0.42	26.55 -2.72 -0.04	23.50 -2.31 -0.38	23.24 -2.26 -0.09	22.52 -2.87 -0.02
SAWYER___23_KV_LOAD 55526	28.65 -2.06 0.00	26.45 -1.75 0.00	26.01 -2.08 0.00	26.14 -2.03 0.00	26.28 -2.07 0.00	28.18 -1.30 0.00	34.73 -2.37 0.00	35.44 -2.99 -0.08	30.83 -2.85 -0.14	28.29 -1.77 0.00	24.67 -1.38 0.00	23.57 -1.56 0.00	23.06 -1.82 0.00	23.34 -1.70 0.00	23.30 -1.92 0.00	24.27 -2.02 0.00	26.57 -2.79 -0.03	29.16 -3.19 -0.14	29.85 -3.31 -0.09	26.78 -2.42 -0.42	26.55 -2.72 -0.04	23.50 -2.31 -0.38	23.24 -2.26 -0.09	22.52 -2.87 -0.02
SELKIRK___I 23801	32.02 1.32 0.00	29.44 1.24 0.00	29.26 1.18 0.00	29.35 1.18 0.00	29.51 1.16 0.00	30.57 1.09 0.00	38.55 1.45 0.00	40.64 1.69 -0.61	36.04 1.44 -1.06	31.33 1.26 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.55 0.67 0.00	25.82 0.78 0.00	26.23 1.01 0.00	27.48 1.18 0.00	30.87 1.29 -0.26	34.60 1.32 -1.08	35.04 1.32 -0.65	33.15 1.18 -3.18	30.76 1.26 -0.28	29.38 1.07 -2.88	27.32 1.19 -0.72	26.66 1.17 -0.12
SELKIRK___II 23799	31.90 1.20 0.00	29.30 1.10 0.00	29.15 1.07 0.00	29.21 1.04 0.00	29.37 1.02 0.00	30.42 0.94 0.00	38.36 1.26 0.00	40.46 1.49 -0.62	35.92 1.31 -1.07	31.24 1.17 0.00	27.09 1.04 0.00	25.96 0.83 0.00	25.48 0.60 0.00	25.74 0.70 0.00	26.18 0.96 0.00	27.43 1.13 0.00	30.79 1.20 -0.26	34.49 1.19 -1.09	34.95 1.22 -0.66	33.09 1.09 -3.22	30.65 1.14 -0.28	29.33 0.99 -2.91	27.28 1.14 -0.73	26.58 1.09 -0.12
SENECA OSWGO___HYD 24041	29.78 -0.92 0.00	27.38 -0.82 0.00	27.18 -0.90 0.00	27.26 -0.90 0.00	27.53 -0.82 0.00	28.74 -0.74 0.00	36.02 -1.08 0.00	37.32 -1.07 -0.05	32.66 -0.97 -0.09	29.19 -0.87 0.00	25.29 -0.76 0.00	24.28 -0.85 0.00	23.93 -0.95 0.00	24.14 -0.90 0.00	24.31 -0.91 0.00	25.46 -0.84 0.00	28.43 -0.91 -0.02	31.39 -0.90 -0.09	32.26 -0.86 -0.05	28.32 -0.72 -0.26	28.43 -0.82 -0.02	24.91 -0.76 -0.23	24.65 -0.81 -0.06	24.59 -0.79 -0.01

SENECA___115KV_TB3 355854	28.99 -1.72 0.00	26.76 -1.44 0.00	26.32 -1.77 0.00	26.42 -1.75 0.00	26.59 -1.76 0.00	28.53 -0.94 0.00	35.25 -1.86 0.00	35.82 -2.61 -0.08	31.14 -2.55 -0.14	28.74 -1.32 0.00	25.06 -0.99 0.00	23.93 -1.21 0.00	23.41 -1.47 0.00	23.66 -1.38 0.00	23.65 -1.56 0.00	24.59 -1.71 0.00	26.84 -2.52 -0.04	29.39 -2.96 -0.15	30.05 -3.11 -0.09	26.91 -2.30 -0.43	26.69 -2.57 -0.04	23.56 -2.26 -0.39	23.29 -2.21 -0.10	22.72 -2.66 -0.02
SENECA___ENERGY 23797	30.30 -0.40 0.00	27.86 -0.34 0.00	27.61 -0.48 0.00	27.68 -0.48 0.00	28.04 -0.31 0.00	29.42 -0.06 0.00	36.73 -0.37 0.00	38.11 -0.31 -0.08	33.44 -0.23 -0.13	29.86 -0.21 0.00	25.87 -0.18 0.00	24.76 -0.38 0.00	24.36 -0.52 0.00	24.56 -0.48 0.00	24.71 -0.50 0.00	25.88 -0.42 0.00	28.88 -0.47 -0.03	31.92 -0.42 -0.13	32.82 -0.33 -0.08	28.91 -0.26 -0.39	28.85 -0.41 -0.03	25.33 -0.46 -0.35	24.96 -0.53 -0.09	24.88 -0.51 -0.01
SHOEMAKER___GT 23640	32.30 1.60 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.57 1.41 0.00	29.68 1.33 0.00	30.98 1.50 0.00	39.22 2.11 0.00	41.07 2.26 -0.46	36.46 2.11 -0.80	31.81 1.74 0.00	27.56 1.51 0.00	26.34 1.21 0.00	25.82 0.95 0.00	26.09 1.05 0.00	26.53 1.31 0.00	27.88 1.58 0.00	31.28 1.76 -0.20	35.05 2.03 -0.81	35.64 2.08 -0.49	33.06 1.87 -2.41	31.22 1.78 -0.21	29.16 1.55 -2.18	27.40 1.45 -0.55	26.85 1.39 -0.09
SHOEMAKR_138KV_BK 111 55601	32.30 1.60 0.00	29.64 1.44 0.00	29.49 1.40 0.00	29.54 1.38 0.00	29.74 1.39 0.00	30.95 1.47 0.00	39.14 2.04 0.00	41.11 2.30 -0.46	36.45 2.11 -0.79	31.78 1.71 0.00	27.58 1.54 0.00	26.36 1.23 0.00	25.87 1.00 0.00	26.07 1.03 0.00	26.50 1.29 0.00	27.90 1.60 0.00	31.31 1.79 -0.19	35.05 2.03 -0.81	35.64 2.08 -0.49	33.05 1.87 -2.40	31.25 1.81 -0.21	29.12 1.53 -2.17	27.45 1.50 -0.54	26.80 1.34 -0.09
SHOREHAM_IC_1 23715	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
SHOREHAM_IC_2 23716	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.07 3.02 0.00	27.79 2.66 0.00	27.09 2.21 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
SISSONVILLE____ 23735	30.15 -0.55 0.00	27.67 -0.54 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	27.95 -0.40 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.32 -1.04 -0.01	32.62 -0.94 -0.01	29.19 -0.87 0.00	25.16 -0.89 0.00	24.50 -0.63 0.00	24.56 -0.32 0.00	24.64 -0.40 0.00	24.56 -0.66 0.00	25.43 -0.87 0.00	28.39 -0.94 0.00	31.06 -1.16 -0.01	31.85 -1.22 -0.01	27.59 -1.24 -0.04	28.06 -1.17 0.00	24.40 -1.07 -0.04	24.35 -1.07 -0.01	24.81 -0.56 0.00
SITHE_IND_GS1 24169	29.44 -1.26 0.00	27.07 -1.13 0.00	26.91 -1.18 0.00	26.98 -1.18 0.00	27.22 -1.13 0.00	28.39 -1.09 0.00	35.58 -1.52 0.00	36.85 -1.54 -0.04	32.27 -1.34 -0.07	28.86 -1.20 0.00	25.03 -1.02 0.00	24.08 -1.05 0.00	23.76 -1.12 0.00	23.94 -1.10 0.00	24.11 -1.11 0.00	25.19 -1.10 0.00	28.14 -1.20 -0.02	31.02 -1.26 -0.07	31.82 -1.29 -0.04	27.93 -1.06 -0.21	28.08 -1.17 -0.02	24.58 -1.04 -0.19	24.41 -1.04 -0.05	24.36 -1.02 -0.01
SITHE_IND_GS2 24170	29.44 -1.26 0.00	27.07 -1.13 0.00	26.91 -1.18 0.00	26.98 -1.18 0.00	27.22 -1.13 0.00	28.39 -1.09 0.00	35.58 -1.52 0.00	36.85 -1.54 -0.04	32.27 -1.34 -0.07	28.86 -1.20 0.00	25.03 -1.02 0.00	24.08 -1.05 0.00	23.76 -1.12 0.00	23.94 -1.10 0.00	24.11 -1.11 0.00	25.19 -1.10 0.00	28.14 -1.20 -0.02	31.02 -1.26 -0.07	31.82 -1.29 -0.04	27.93 -1.06 -0.21	28.08 -1.17 -0.02	24.58 -1.04 -0.19	24.41 -1.04 -0.05	24.36 -1.02 -0.01
SITHE_IND_GS3 24171	29.44 -1.26 0.00	27.07 -1.13 0.00	26.91 -1.18 0.00	26.98 -1.18 0.00	27.22 -1.13 0.00	28.39 -1.09 0.00	35.58 -1.52 0.00	36.85 -1.54 -0.04	32.27 -1.34 -0.07	28.86 -1.20 0.00	25.03 -1.02 0.00	24.08 -1.05 0.00	23.76 -1.12 0.00	23.94 -1.10 0.00	24.11 -1.11 0.00	25.19 -1.10 0.00	28.14 -1.20 -0.02	31.02 -1.26 -0.07	31.82 -1.29 -0.04	27.93 -1.06 -0.21	28.08 -1.17 -0.02	24.58 -1.04 -0.19	24.41 -1.04 -0.05	24.36 -1.02 -0.01
SITHE_IND_GS4 24172	29.44 -1.26 0.00	27.07 -1.13 0.00	26.91 -1.18 0.00	26.98 -1.18 0.00	27.22 -1.13 0.00	28.39 -1.09 0.00	35.58 -1.52 0.00	36.85 -1.54 -0.04	32.27 -1.34 -0.07	28.86 -1.20 0.00	25.03 -1.02 0.00	24.08 -1.05 0.00	23.76 -1.12 0.00	23.94 -1.10 0.00	24.11 -1.11 0.00	25.19 -1.10 0.00	28.14 -1.20 -0.02	31.02 -1.26 -0.07	31.82 -1.29 -0.04	27.93 -1.06 -0.21	28.08 -1.17 -0.02	24.58 -1.04 -0.19	24.41 -1.04 -0.05	24.36 -1.02 -0.01
SITHE___BATAVIA 24024	29.35 -1.35 0.00	27.13 -1.07 0.00	26.57 -1.52 0.00	26.70 -1.47 0.00	27.25 -1.11 0.00	28.77 -0.71 0.00	35.06 -2.04 0.00	36.62 -1.80 -0.08	31.80 -1.88 -0.13	28.68 -1.38 0.00	25.16 -0.89 0.00	24.00 -1.13 0.00	23.56 -1.32 0.00	23.76 -1.28 0.00	23.73 -1.49 0.00	24.75 -1.55 0.00	27.39 -1.96 -0.03	30.21 -2.13 -0.13	30.93 -2.22 -0.08	27.53 -1.64 -0.39	27.36 -1.90 -0.03	24.13 -1.65 -0.35	23.94 -1.55 -0.09	24.04 -1.35 -0.01
SITHE___INDEPEND 23800	29.45 -1.26 0.00	27.07 -1.13 0.00	26.91 -1.18 0.00	26.98 -1.18 0.00	27.16 -1.19 0.00	28.38 -1.09 0.00	35.65 -1.45 0.00	36.85 -1.53 -0.04	32.27 -1.34 -0.07	28.89 -1.17 0.00	25.03 -1.02 0.00	24.08 -1.06 0.00	23.74 -1.14 0.00	23.91 -1.13 0.00	24.11 -1.11 0.00	25.19 -1.10 0.00	28.14 -1.20 -0.02	31.02 -1.26 -0.07	31.82 -1.29 -0.04	27.93 -1.06 -0.21	28.08 -1.17 -0.02	24.58 -1.04 -0.19	24.39 -1.07 -0.05	24.16 -1.22 -0.01
SITHE___MASSENA 23902	30.46 -0.25 0.00	27.98 -0.23 0.00	27.97 -0.11 0.00	28.05 -0.11 0.00	28.21 -0.14 0.00	29.18 -0.29 0.00	36.73 -0.37 0.00	37.89 -0.46 0.00	33.11 -0.44 0.00	29.71 -0.36 0.00	25.66 -0.39 0.00	25.01 -0.13 0.00	25.03 0.15 0.00	25.07 0.03 0.00	25.01 -0.20 0.00	25.90 -0.39 0.00	28.91 -0.41 0.00	31.63 -0.58 0.00	32.41 -0.66 0.00	28.06 -0.72 0.00	28.61 -0.62 0.00	24.90 -0.54 0.00	24.90 -0.51 0.00	24.94 -0.43 0.00
SITHE___OGDNSBRG 24021	30.77 0.06 0.00	28.20 0.00 0.00	28.20 0.11 0.00	28.33 0.17 0.00	28.52 0.17 0.00	29.48 0.00 0.00	37.06 -0.04 0.00	38.27 -0.08 0.00	33.41 -0.13 0.00	29.94 -0.12 0.00	25.81 -0.23 0.00	25.11 -0.03 0.00	25.20 0.32 0.00	25.29 0.25 0.00	25.19 -0.03 0.00	26.09 -0.21 0.00	29.15 -0.18 0.00	31.88 -0.32 0.00	32.74 -0.33 0.00	28.32 -0.46 0.00	28.85 -0.38 0.00	25.05 -0.38 0.00	25.03 -0.38 0.00	25.37 0.00 0.00

SITHE___STERLING 23777	31.69 0.98 0.00	29.08 0.88 0.00	28.90 0.81 0.00	29.01 0.84 0.00	29.26 0.91 0.00	30.62 1.15 0.00	38.51 1.41 0.00	39.80 1.42 -0.03	34.74 1.14 -0.06	31.00 0.93 0.00	26.78 0.73 0.00	25.66 0.53 0.00	25.30 0.42 0.00	25.51 0.47 0.00	25.75 0.53 0.00	27.03 0.74 0.00	30.22 0.88 -0.01	33.33 1.06 -0.06	34.26 1.16 -0.04	29.97 1.01 -0.18	30.18 0.94 -0.02	26.30 0.71 -0.16	26.11 0.66 -0.04	26.03 0.66 -0.01
SLEIGHT__34_KV_TB1 80719	29.63 -1.07 0.00	27.24 -0.96 0.00	26.96 -1.12 0.00	27.06 -1.10 0.00	27.27 -1.08 0.00	28.86 -0.62 0.00	36.10 -1.00 0.00	37.34 -1.07 -0.07	32.66 -1.01 -0.12	29.28 -0.78 0.00	25.37 -0.68 0.00	24.28 -0.85 0.00	23.81 -1.07 0.00	24.06 -0.98 0.00	24.18 -1.03 0.00	25.27 -1.03 0.00	28.24 -1.11 -0.03	31.20 -1.13 -0.12	32.05 -1.09 -0.07	28.25 -0.89 -0.36	28.21 -1.05 -0.03	24.79 -0.97 -0.32	24.47 -1.02 -0.08	23.94 -1.45 -0.01
SOUTH CAIRO___GT 23612	33.16 2.46 0.00	30.52 2.31 0.00	30.30 2.22 0.00	30.39 2.22 0.00	30.59 2.24 0.00	31.69 2.21 0.00	40.11 3.00 0.00	41.55 2.61 -0.59	36.71 2.15 -1.02	32.02 1.95 0.00	27.58 1.54 0.00	26.26 1.13 0.00	25.73 0.85 0.00	26.04 1.00 0.00	26.58 1.36 0.00	27.93 1.63 0.00	31.45 1.88 -0.25	35.18 1.93 -1.04	35.61 1.92 -0.63	33.55 1.70 -3.07	31.42 1.93 -0.27	29.63 1.42 -2.77	27.73 1.63 -0.69	27.03 1.55 -0.11
SOUTH HAMPTN___IC 23720	39.90 3.84 -5.36	33.43 3.44 -1.79	31.45 3.37 0.00	31.51 3.35 0.00	32.41 3.32 -0.74	41.81 3.59 -8.74	49.78 5.16 -7.52	56.53 5.67 -12.51	44.73 4.90 -6.29	33.88 3.82 0.00	29.36 3.31 0.00	28.07 2.94 0.00	27.34 2.46 0.00	27.62 2.58 0.00	28.09 2.87 0.00	36.25 3.68 -6.27	42.71 4.28 -9.11	55.37 4.89 -18.26	61.81 4.93 -23.81	51.38 4.49 -18.11	42.97 4.32 -9.41	40.82 3.66 -11.72	37.48 3.43 -8.64	32.89 3.32 -4.20
SOUTHDOW_115KV_TB1 355954	29.91 -0.80 0.00	27.55 -0.65 0.00	27.05 -1.04 0.00	27.18 -0.99 0.00	27.42 -0.94 0.00	29.48 0.00 0.00	36.55 -0.56 0.00	37.25 -1.19 -0.09	32.33 -1.38 -0.16	29.94 -0.12 0.00	26.05 0.00 0.00	24.81 -0.33 0.00	24.28 -0.60 0.00	24.54 -0.50 0.00	24.49 -0.73 0.00	25.38 -0.92 0.00	27.57 -1.79 -0.04	30.05 -2.32 -0.16	30.55 -2.61 -0.10	27.27 -1.99 -0.48	26.99 -2.28 -0.04	23.73 -2.14 -0.43	23.38 -2.13 -0.11	23.03 -2.36 -0.02
SOUTHOLD_69_KV_BK 2 55809	40.36 4.30 -5.36	33.91 3.92 -1.79	31.88 3.79 0.00	31.94 3.77 0.00	32.92 3.83 -0.74	42.31 4.10 -8.74	50.37 5.75 -7.52	57.26 6.40 -12.51	45.30 5.47 -6.29	34.30 4.24 0.00	29.72 3.67 0.00	28.42 3.29 0.00	27.67 2.79 0.00	27.92 2.88 0.00	28.39 3.18 0.00	36.61 4.05 -6.27	43.24 4.81 -9.11	55.95 5.48 -18.26	62.53 5.65 -23.81	51.93 5.04 -18.11	43.52 4.88 -9.41	41.20 4.04 -11.72	37.91 3.86 -8.64	33.17 3.60 -4.20
SOUTHOLD___IC 23719	40.36 4.30 -5.36	33.89 3.89 -1.79	31.87 3.79 0.00	31.94 3.78 0.00	32.87 3.77 -0.74	42.31 4.10 -8.74	50.45 5.83 -7.52	57.26 6.40 -12.51	45.30 5.47 -6.29	34.30 4.24 0.00	29.72 3.67 0.00	28.42 3.29 0.00	27.67 2.79 0.00	27.97 2.93 0.00	28.45 3.23 0.00	36.61 4.05 -6.27	43.24 4.81 -9.11	55.98 5.51 -18.26	62.47 5.59 -23.81	51.93 5.04 -18.11	43.49 4.85 -9.41	41.25 4.10 -11.72	37.89 3.84 -8.64	33.27 3.70 -4.20
SOUTH_FORK_WT_PWR 323839	40.42 4.36 -5.36	33.91 3.92 -1.79	31.93 3.85 0.00	31.99 3.83 0.00	32.90 3.80 -0.74	42.37 4.16 -8.74	50.52 5.90 -7.52	57.30 6.44 -12.51	45.37 5.53 -6.29	34.36 4.30 0.00	29.75 3.70 0.00	28.45 3.32 0.00	27.69 2.81 0.00	27.99 2.95 0.00	28.47 3.25 0.00	36.64 4.08 -6.27	43.27 4.84 -9.11	56.01 5.54 -18.26	62.50 5.62 -23.81	51.96 5.07 -18.11	43.55 4.91 -9.41	41.27 4.12 -11.72	37.91 3.86 -8.64	33.32 3.75 -4.20
SPIERFLS_115KV_TB 1 80737	31.60 0.89 0.00	29.05 0.85 0.00	28.84 0.76 0.00	28.92 0.76 0.00	29.15 0.79 0.00	30.36 0.88 0.00	38.51 1.41 0.00	40.83 1.84 -0.64	36.10 1.44 -1.11	31.03 0.96 0.00	26.78 0.73 0.00	25.58 0.45 0.00	25.05 0.17 0.00	25.29 0.25 0.00	25.80 0.58 0.00	27.19 0.89 0.00	30.77 1.17 -0.27	34.66 1.32 -1.13	35.07 1.32 -0.68	33.28 1.15 -3.34	30.75 1.23 -0.29	29.39 0.94 -3.02	26.93 0.76 -0.76	26.79 1.29 -0.12
ST LAWRENCE____ 23600	30.15 -0.55 0.00	27.70 -0.51 0.00	27.69 -0.39 0.00	27.77 -0.39 0.00	27.93 -0.42 0.00	28.91 -0.56 0.00	36.36 -0.74 0.00	37.50 -0.84 0.00	32.81 -0.74 0.00	29.43 -0.63 0.00	25.45 -0.60 0.00	24.80 -0.33 0.00	24.85 -0.02 0.00	24.89 -0.15 0.00	24.84 -0.38 0.00	25.69 -0.60 0.00	28.68 -0.65 0.00	31.37 -0.84 0.00	32.18 -0.89 0.00	27.89 -0.89 0.00	28.44 -0.79 0.00	24.75 -0.69 0.00	24.75 -0.66 0.00	24.76 -0.61 0.00
STATE_CA_115KV_115_LB 55624	31.99 1.29 0.00	29.41 1.21 0.00	29.26 1.18 0.00	29.32 1.15 0.00	29.51 1.16 0.00	30.42 0.94 0.00	38.33 1.22 0.00	40.55 1.57 -0.63	36.00 1.38 -1.08	31.24 1.17 0.00	27.17 1.12 0.00	26.01 0.88 0.00	25.53 0.65 0.00	25.74 0.70 0.00	26.20 0.98 0.00	27.51 1.21 0.00	30.85 1.26 -0.27	34.57 1.26 -1.10	34.99 1.26 -0.67	33.17 1.12 -3.27	30.74 1.23 -0.29	29.48 1.09 -2.95	27.49 1.35 -0.74	26.73 1.24 -0.12
STATE_ST_34_KV_LOAD 55959	30.52 -0.18 0.00	28.03 -0.17 0.00	27.83 -0.25 0.00	27.91 -0.25 0.00	28.15 -0.20 0.00	29.56 0.09 0.00	37.14 0.04 0.00	38.42 0.00 -0.07	33.67 0.00 -0.13	30.09 0.03 0.00	26.02 -0.03 0.00	24.93 -0.20 0.00	24.53 -0.35 0.00	24.74 -0.30 0.00	24.91 -0.30 0.00	26.11 -0.18 0.00	29.18 -0.18 -0.03	32.24 -0.10 -0.13	33.15 0.00 -0.08	29.17 0.00 -0.38	29.14 -0.12 -0.03	25.58 -0.20 -0.35	25.21 -0.28 -0.09	24.90 -0.48 -0.01
STATION 5_MISC_HYD 23604	29.42 -1.29 0.00	27.10 -1.10 0.00	26.68 -1.40 0.00	26.81 -1.35 0.00	27.25 -1.11 0.00	28.68 -0.79 0.00	35.32 -1.78 0.00	36.96 -1.46 -0.07	32.19 -1.48 -0.12	28.83 -1.23 0.00	25.21 -0.83 0.00	24.10 -1.03 0.00	23.71 -1.17 0.00	23.91 -1.13 0.00	23.96 -1.26 0.00	25.01 -1.29 0.00	27.83 -1.53 -0.03	30.75 -1.58 -0.12	31.52 -1.62 -0.07	27.96 -1.18 -0.36	27.89 -1.37 -0.03	24.56 -1.19 -0.32	24.35 -1.14 -0.08	24.37 -1.02 -0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.18 -0.52 0.00	27.75 -0.45 0.00	27.44 -0.65 0.00	27.54 -0.62 0.00	27.78 -0.57 0.00	29.36 -0.12 0.00	36.80 -0.30 0.00	38.11 -0.31 -0.07	33.30 -0.37 -0.12	29.88 -0.18 0.00	25.87 -0.18 0.00	24.73 -0.40 0.00	24.26 -0.62 0.00	24.49 -0.55 0.00	24.61 -0.61 0.00	25.77 -0.53 0.00	28.79 -0.56 -0.03	31.85 -0.48 -0.12	32.68 -0.46 -0.07	28.60 -0.55 -0.36	28.56 -0.70 -0.03	25.07 -0.69 -0.33	24.75 -0.74 -0.08	24.22 -1.17 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.29 -1.41 0.00	26.93 -1.27 0.00	26.60 -1.49 0.00	26.73 -1.44 0.00	26.91 -1.45 0.00	28.53 -0.94 0.00	35.58 -1.52 0.00	36.84 -1.57 -0.07	32.12 -1.54 -0.12	28.92 -1.14 0.00	25.11 -0.94 0.00	24.03 -1.11 0.00	23.56 -1.32 0.00	23.81 -1.23 0.00	23.88 -1.34 0.00	24.96 -1.34 0.00	27.77 -1.58 -0.03	30.72 -1.61 -0.12	31.49 -1.65 -0.07	27.87 -1.27 -0.36	27.80 -1.46 -0.03	24.48 -1.27 -0.32	24.19 -1.30 -0.08	23.53 -1.85 -0.01

STA_56___34_KV_BUS2 355983	29.29 -1.41 0.00	26.93 -1.27 0.00	26.60 -1.49 0.00	26.73 -1.44 0.00	26.91 -1.45 0.00	28.53 -0.94 0.00	35.58 -1.52 0.00	36.84 -1.57 -0.07	32.12 -1.54 -0.12	28.92 -1.14 0.00	25.11 -0.94 0.00	24.03 -1.11 0.00	23.56 -1.32 0.00	23.81 -1.23 0.00	23.88 -1.34 0.00	24.96 -1.34 0.00	27.77 -1.58 -0.03	30.72 -1.61 -0.12	31.49 -1.65 -0.07	27.87 -1.27 -0.36	27.80 -1.46 -0.03	24.48 -1.27 -0.32	24.19 -1.30 -0.08	23.53 -1.85 -0.01
STA_67___115KV_BK2 355882	29.32 -1.38 0.00	26.99 -1.21 0.00	26.65 -1.43 0.00	26.75 -1.41 0.00	26.96 -1.39 0.00	28.62 -0.85 0.00	35.62 -1.48 0.00	36.84 -1.57 -0.07	32.12 -1.54 -0.12	28.95 -1.11 0.00	25.16 -0.89 0.00	24.08 -1.06 0.00	23.59 -1.29 0.00	23.86 -1.18 0.00	23.91 -1.31 0.00	24.96 -1.34 0.00	27.77 -1.58 -0.03	30.69 -1.64 -0.12	31.45 -1.69 -0.07	27.90 -1.24 -0.36	27.83 -1.43 -0.03	24.53 -1.22 -0.32	24.24 -1.24 -0.08	23.56 -1.83 -0.01
STA_7___115KV_9TRANS 80674	29.51 -1.20 0.00	27.13 -1.07 0.00	26.79 -1.29 0.00	26.90 -1.27 0.00	27.10 -1.25 0.00	28.77 -0.71 0.00	35.88 -1.22 0.00	37.11 -1.30 -0.07	32.36 -1.31 -0.12	29.13 -0.93 0.00	25.32 -0.73 0.00	24.20 -0.93 0.00	23.74 -1.14 0.00	23.99 -1.05 0.00	24.03 -1.19 0.00	25.11 -1.18 0.00	27.94 -1.41 -0.03	30.91 -1.42 -0.12	31.68 -1.45 -0.07	28.07 -1.06 -0.36	28.00 -1.26 -0.03	24.66 -1.09 -0.32	24.37 -1.12 -0.08	23.68 -1.70 -0.01
STA_82___115KV_TB1 80780	29.32 -1.38 0.00	27.02 -1.18 0.00	26.65 -1.43 0.00	26.78 -1.38 0.00	26.96 -1.39 0.00	28.62 -0.85 0.00	35.65 -1.45 0.00	36.88 -1.53 -0.07	32.12 -1.54 -0.12	28.95 -1.11 0.00	25.16 -0.89 0.00	24.08 -1.06 0.00	23.61 -1.27 0.00	23.86 -1.18 0.00	23.91 -1.31 0.00	24.96 -1.34 0.00	27.77 -1.58 -0.03	30.69 -1.64 -0.12	31.49 -1.65 -0.07	27.93 -1.21 -0.36	27.83 -1.43 -0.03	24.54 -1.22 -0.33	24.24 -1.24 -0.08	23.56 -1.83 -0.01
STEEL___WIND 323596	29.02 -1.69 0.00	26.85 -1.35 0.00	26.29 -1.80 0.00	26.39 -1.77 0.00	26.96 -1.39 0.00	28.50 -0.97 0.00	34.62 -2.49 0.00	35.78 -2.65 -0.08	31.11 -2.58 -0.14	28.44 -1.62 0.00	25.03 -1.02 0.00	23.90 -1.23 0.00	23.49 -1.39 0.00	23.66 -1.38 0.00	23.63 -1.59 0.00	24.56 -1.74 0.00	26.81 -2.55 -0.04	29.36 -2.99 -0.15	30.01 -3.14 -0.09	26.91 -2.30 -0.43	26.63 -2.63 -0.04	23.54 -2.29 -0.39	23.35 -2.16 -0.10	23.41 -1.98 -0.02
STEPHTWN_115KV_BK_2 55603	32.27 1.57 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.54 1.38 0.00	29.74 1.39 0.00	30.71 1.24 0.00	38.73 1.63 0.00	40.96 1.99 -0.62	36.33 1.71 -1.07	31.51 1.44 0.00	27.38 1.33 0.00	26.21 1.08 0.00	25.70 0.82 0.00	25.92 0.88 0.00	26.40 1.19 0.00	27.72 1.42 0.00	31.14 1.55 -0.26	34.91 1.61 -1.09	35.35 1.62 -0.66	33.43 1.41 -3.24	31.06 1.55 -0.28	29.70 1.35 -2.92	27.71 1.58 -0.73	26.94 1.45 -0.12
STEBUBEN_REC_LFGE 323667	31.53 0.83 0.00	28.96 0.76 0.00	28.65 0.56 0.00	28.73 0.56 0.00	29.06 0.71 0.00	30.83 1.36 0.00	38.62 1.52 0.00	39.66 1.19 -0.12	34.80 1.04 -0.21	31.33 1.26 0.00	27.06 1.02 0.00	25.81 0.68 0.00	25.28 0.40 0.00	25.49 0.45 0.00	25.62 0.40 0.00	26.85 0.55 0.00	29.79 0.41 -0.05	32.78 0.35 -0.22	33.63 0.43 -0.13	29.77 0.35 -0.64	29.46 0.18 -0.06	25.94 -0.08 -0.58	25.32 -0.23 -0.14	24.99 -0.41 -0.02
STILLWATER___SOLAR 323814	32.27 1.57 0.00	29.64 1.44 0.00	29.46 1.38 0.00	29.51 1.35 0.00	29.71 1.36 0.00	30.95 1.47 0.00	39.14 2.04 0.00	41.40 2.42 -0.64	36.66 2.01 -1.10	31.66 1.59 0.00	27.35 1.30 0.00	26.14 1.01 0.00	25.60 0.72 0.00	25.89 0.85 0.00	26.38 1.16 0.00	27.72 1.42 0.00	31.29 1.70 -0.27	35.17 1.83 -1.12	35.63 1.88 -0.68	33.78 1.67 -3.33	31.21 1.69 -0.29	29.84 1.40 -3.01	27.66 1.50 -0.75	26.94 1.45 -0.12
STONY___BROOK 24151	39.50 3.44 -5.36	33.07 3.07 -1.79	31.09 3.01 0.00	31.15 2.98 0.00	32.04 2.95 -0.74	41.43 3.21 -8.74	49.19 4.56 -7.52	55.84 4.98 -12.51	44.23 4.39 -6.29	33.46 3.40 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.02 2.14 0.00	27.29 2.25 0.00	27.79 2.57 0.00	35.96 3.39 -6.27	42.30 3.87 -9.11	54.88 4.41 -18.26	61.17 4.30 -23.81	50.89 4.00 -18.11	42.50 3.86 -9.41	40.46 3.30 -11.72	37.17 3.12 -8.64	32.59 3.02 -4.20
STURGEON_POOL_HYD 23609	32.70 2.00 0.00	30.01 1.80 0.00	29.83 1.74 0.00	29.91 1.75 0.00	30.08 1.73 0.00	31.36 1.89 0.00	39.70 2.60 0.00	41.44 2.57 -0.52	36.86 2.42 -0.90	32.20 2.13 0.00	27.92 1.88 0.00	26.67 1.53 0.00	26.10 1.22 0.00	26.29 1.25 0.00	26.81 1.59 0.00	28.24 1.95 0.00	31.68 2.14 -0.22	35.41 2.29 -0.92	35.97 2.35 -0.56	33.60 2.10 -2.72	31.60 2.13 -0.24	29.59 1.70 -2.45	27.60 1.58 -0.61	27.07 1.60 -0.10
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.46 1.75 0.00	29.81 1.61 0.00	29.63 1.54 0.00	29.68 1.52 0.00	29.88 1.53 0.00	31.10 1.62 0.00	39.36 2.26 0.00	41.39 2.57 -0.47	36.74 2.38 -0.82	32.02 1.95 0.00	27.79 1.75 0.00	26.56 1.43 0.00	26.02 1.14 0.00	26.24 1.20 0.00	26.71 1.49 0.00	28.11 1.81 0.00	31.55 2.02 -0.20	35.33 2.29 -0.83	35.92 2.35 -0.50	33.35 2.10 -2.47	31.46 2.02 -0.22	29.39 1.73 -2.23	27.64 1.68 -0.56	26.98 1.52 -0.09
SWANROAD_115KV_TB1 355699	28.09 -2.61 0.00	25.95 -2.26 0.00	25.50 -2.58 0.00	25.63 -2.53 0.00	25.74 -2.61 0.00	27.56 -1.92 0.00	33.84 -3.26 0.00	34.55 -3.87 -0.08	30.06 -3.62 -0.14	27.51 -2.56 0.00	24.02 -2.03 0.00	22.95 -2.19 0.00	22.44 -2.44 0.00	22.71 -2.33 0.00	22.67 -2.55 0.00	23.62 -2.68 0.00	25.93 -3.43 -0.03	28.48 -3.86 -0.14	29.15 -4.00 -0.08	26.20 -2.99 -0.41	25.93 -3.33 -0.04	23.01 -2.80 -0.37	22.78 -2.72 -0.09	21.99 -3.40 -0.02
SYNERGY___BIOGAS 323694	29.35 -1.35 0.00	27.13 -1.07 0.00	26.57 -1.52 0.00	26.70 -1.47 0.00	27.25 -1.11 0.00	28.77 -0.71 0.00	35.06 -2.04 0.00	36.62 -1.80 -0.08	31.80 -1.88 -0.13	28.68 -1.38 0.00	25.16 -0.89 0.00	24.00 -1.13 0.00	23.56 -1.32 0.00	23.76 -1.28 0.00	23.73 -1.49 0.00	24.75 -1.55 0.00	27.39 -1.96 -0.03	30.21 -2.13 -0.13	30.93 -2.22 -0.08	27.53 -1.64 -0.39	27.36 -1.90 -0.03	24.13 -1.65 -0.35	23.94 -1.55 -0.09	24.04 -1.35 -0.01
SYRACUSE___ENERGY_ST1 323597	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01
SYRACUSE___ENERGY_ST2 323598	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.71 -0.45 0.00	27.93 -0.43 0.00	29.21 -0.27 0.00	36.69 -0.41 0.00	37.95 -0.46 -0.06	33.25 -0.40 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.91 -0.44 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.84 -0.26 -0.32	28.90 -0.35 -0.03	25.34 -0.38 -0.29	25.05 -0.43 -0.07	24.77 -0.61 -0.01

SYRACUSE___POWER 24017	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.68 -0.48 0.00	27.90 -0.45 0.00	29.21 -0.27 0.00	36.66 -0.45 0.00	37.91 -0.50 -0.06	33.22 -0.44 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.94 -0.41 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.88 -0.23 -0.33	28.93 -0.32 -0.03	25.38 -0.36 -0.30	25.08 -0.41 -0.07	24.77 -0.61 -0.01
TALLMAN___138KV_BK151 55660	32.67 1.97 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.05 1.70 0.00	31.27 1.80 0.00	39.62 2.52 0.00	41.75 2.91 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.03 1.98 0.00	26.79 1.66 0.00	26.25 1.37 0.00	26.44 1.40 0.00	26.93 1.71 0.00	28.35 2.05 0.00	31.84 2.32 -0.20	35.64 2.58 -0.85	36.26 2.68 -0.52	33.70 2.39 -2.53	31.73 2.28 -0.22	29.67 1.96 -2.28	27.88 1.91 -0.57	27.21 1.75 -0.09
TEALLAVE_115KV_TB7 355573	30.06 -0.64 0.00	27.64 -0.56 0.00	27.44 -0.65 0.00	27.52 -0.65 0.00	27.73 -0.62 0.00	29.00 -0.47 0.00	36.40 -0.70 0.00	37.63 -0.77 -0.05	32.93 -0.70 -0.09	29.52 -0.54 0.00	25.61 -0.44 0.00	24.55 -0.58 0.00	24.18 -0.70 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.75 -0.55 0.00	28.73 -0.62 -0.02	31.69 -0.61 -0.10	32.56 -0.56 -0.06	28.63 -0.43 -0.28	28.73 -0.53 -0.02	25.15 -0.53 -0.26	24.91 -0.56 -0.06	24.62 -0.76 -0.01
TELGRAPH_34_KV_EAST 80808	28.83 -1.87 0.00	26.59 -1.61 0.00	26.15 -1.94 0.00	26.28 -1.89 0.00	26.45 -1.90 0.00	28.33 -1.15 0.00	34.95 -2.15 0.00	35.81 -2.61 -0.08	31.13 -2.55 -0.13	28.41 -1.65 0.00	24.75 -1.30 0.00	23.62 -1.51 0.00	23.09 -1.79 0.00	23.39 -1.65 0.00	23.35 -1.87 0.00	24.33 -1.97 0.00	26.80 -2.55 -0.03	29.51 -2.83 -0.13	30.20 -2.94 -0.08	26.99 -2.19 -0.40	26.81 -2.46 -0.03	23.68 -2.11 -0.36	23.44 -2.06 -0.09	22.64 -2.74 -0.01
TEMPLE___115KV_TB 2 55572	30.09 -0.61 0.00	27.64 -0.56 0.00	27.47 -0.62 0.00	27.54 -0.62 0.00	27.76 -0.60 0.00	29.03 -0.44 0.00	36.40 -0.70 0.00	37.67 -0.73 -0.06	32.97 -0.67 -0.10	29.55 -0.51 0.00	25.63 -0.42 0.00	24.58 -0.55 0.00	24.21 -0.67 0.00	24.39 -0.65 0.00	24.59 -0.63 0.00	25.75 -0.55 0.00	28.76 -0.59 -0.02	31.72 -0.58 -0.10	32.60 -0.53 -0.06	28.67 -0.40 -0.29	28.73 -0.53 -0.03	25.18 -0.51 -0.26	24.91 -0.56 -0.06	24.62 -0.76 -0.01
TIANA___69_KV_BK 1 55817	39.78 3.72 -5.36	33.38 3.38 -1.79	31.37 3.29 0.00	31.43 3.27 0.00	32.41 3.32 -0.74	41.72 3.51 -8.74	49.56 4.93 -7.52	56.38 5.52 -12.51	44.63 4.80 -6.29	33.79 3.73 0.00	29.28 3.23 0.00	28.00 2.87 0.00	27.27 2.39 0.00	27.52 2.48 0.00	27.99 2.77 0.00	36.17 3.60 -6.27	42.62 4.19 -9.11	55.21 4.73 -18.26	61.77 4.89 -23.81	51.27 4.37 -18.11	42.88 4.24 -9.41	40.69 3.54 -11.72	37.43 3.38 -8.64	32.71 3.15 -4.20
TILDEN___115KV_TB1 80814	30.28 -0.43 0.00	27.81 -0.39 0.00	27.61 -0.48 0.00	27.68 -0.48 0.00	27.90 -0.45 0.00	29.21 -0.27 0.00	36.66 -0.45 0.00	37.91 -0.50 -0.06	33.22 -0.44 -0.11	29.73 -0.33 0.00	25.76 -0.29 0.00	24.70 -0.43 0.00	24.33 -0.55 0.00	24.54 -0.50 0.00	24.74 -0.48 0.00	25.90 -0.39 0.00	28.94 -0.41 -0.03	31.93 -0.39 -0.11	32.80 -0.33 -0.07	28.88 -0.23 -0.33	28.93 -0.32 -0.03	25.38 -0.36 -0.30	25.08 -0.41 -0.07	24.77 -0.61 -0.01
TRIGEN___CC 323695	38.73 2.67 -5.36	32.42 2.43 -1.79	30.42 2.33 0.00	30.47 2.31 0.00	31.45 2.35 -0.74	40.69 2.48 -8.74	47.92 3.30 -7.52	54.65 3.80 -12.51	43.36 3.52 -6.29	32.86 2.80 0.00	28.52 2.47 0.00	27.27 2.14 0.00	26.65 1.77 0.00	26.87 1.83 0.00	27.34 2.12 0.00	35.27 2.71 -6.27	41.42 2.99 -9.11	53.82 3.35 -18.26	60.34 3.47 -23.81	49.97 3.08 -18.11	41.59 2.95 -9.41	39.72 2.57 -11.71	36.56 2.52 -8.64	31.90 2.33 -4.20
TRINITY___115KV___ 4 BK 55933	31.93 1.23 0.00	29.36 1.16 0.00	29.18 1.10 0.00	29.26 1.10 0.00	29.43 1.08 0.00	30.33 0.85 0.00	38.18 1.08 0.00	40.39 1.42 -0.62	35.86 1.24 -1.08	31.12 1.05 0.00	27.09 1.04 0.00	25.94 0.80 0.00	25.45 0.57 0.00	25.67 0.63 0.00	26.15 0.93 0.00	27.43 1.13 0.00	30.76 1.17 -0.26	34.46 1.16 -1.10	34.89 1.16 -0.66	33.06 1.04 -3.24	30.65 1.14 -0.28	29.38 1.02 -2.93	27.44 1.30 -0.73	26.68 1.19 -0.12
UNION___PROCESSING_DRP 323587	29.35 -1.35 0.00	27.02 -1.18 0.00	26.65 -1.43 0.00	26.78 -1.38 0.00	26.96 -1.39 0.00	28.62 -0.85 0.00	35.65 -1.45 0.00	36.88 -1.53 -0.07	32.15 -1.51 -0.12	28.95 -1.11 0.00	25.16 -0.89 0.00	24.08 -1.06 0.00	23.61 -1.27 0.00	23.86 -1.18 0.00	23.91 -1.31 0.00	24.98 -1.31 0.00	27.80 -1.55 -0.03	30.72 -1.61 -0.12	31.49 -1.65 -0.07	27.93 -1.21 -0.36	27.86 -1.40 -0.03	24.54 -1.22 -0.33	24.27 -1.22 -0.08	23.58 -1.80 -0.01
UPPER HUDSON___HYD 24058	31.60 0.89 0.00	29.02 0.82 0.00	28.84 0.76 0.00	28.92 0.76 0.00	29.12 0.77 0.00	30.36 0.88 0.00	38.55 1.45 0.00	40.83 1.84 -0.64	36.10 1.44 -1.11	31.06 0.99 0.00	26.78 0.73 0.00	25.59 0.45 0.00	25.03 0.15 0.00	25.32 0.28 0.00	25.82 0.60 0.00	27.19 0.89 0.00	30.77 1.17 -0.27	34.66 1.32 -1.13	35.07 1.32 -0.68	33.28 1.15 -3.34	30.75 1.23 -0.29	29.40 0.94 -3.02	27.59 1.42 -0.76	26.84 1.34 -0.12
UPPER RAQUET___HYD 24056	30.15 -0.55 0.00	27.67 -0.54 0.00	27.66 -0.42 0.00	27.77 -0.39 0.00	27.93 -0.42 0.00	28.83 -0.65 0.00	36.14 -0.96 0.00	37.32 -1.03 -0.01	32.61 -0.94 0.00	29.19 -0.87 0.00	25.16 -0.89 0.00	24.50 -0.63 0.00	24.56 -0.32 0.00	24.59 -0.45 0.00	24.54 -0.68 0.00	25.43 -0.87 0.00	28.39 -0.94 0.00	31.06 -1.16 -0.01	31.85 -1.22 -0.01	27.59 -1.24 -0.04	28.06 -1.17 0.00	24.41 -1.07 -0.04	24.35 -1.07 -0.01	24.56 -0.81 0.00
VALLEY44_115KV_TB2 355964	29.23 -1.47 0.00	26.96 -1.24 0.00	26.51 -1.57 0.00	26.61 -1.55 0.00	26.88 -1.47 0.00	28.74 -0.74 0.00	35.58 -1.52 0.00	35.72 -2.72 -0.09	31.02 -2.68 -0.16	29.07 -0.99 0.00	25.32 -0.73 0.00	24.15 -0.98 0.00	23.66 -1.22 0.00	23.89 -1.15 0.00	23.88 -1.34 0.00	24.88 -1.42 0.00	26.90 -2.46 -0.04	29.28 -3.09 -0.17	29.96 -3.21 -0.10	26.79 -2.48 -0.49	26.67 -2.60 -0.04	23.46 -2.42 -0.44	23.10 -2.41 -0.11	23.13 -2.26 -0.02
VALLEY___115KV_TB 1-4 80826	31.35 0.64 0.00	28.77 0.56 0.00	28.59 0.51 0.00	28.67 0.51 0.00	28.86 0.51 0.00	30.01 0.53 0.00	37.77 0.67 0.00	38.92 0.58 0.00	34.01 0.47 0.00	30.43 0.36 0.00	26.39 0.34 0.00	25.41 0.28 0.00	25.10 0.22 0.00	25.29 0.25 0.00	25.52 0.30 0.00	26.67 0.37 0.00	29.62 0.29 0.00	32.50 0.29 0.00	33.30 0.23 0.00	28.98 0.20 0.00	29.37 0.15 0.00	25.59 0.15 0.00	25.59 0.18 0.00	25.52 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.10 2.39 0.00	30.35 2.14 0.00	30.13 2.05 0.00	30.25 2.08 0.00	30.48 2.13 0.00	31.89 2.42 0.00	40.26 3.15 0.00	41.94 3.37 -0.22	36.78 2.85 -0.38	32.56 2.50 0.00	28.11 2.06 0.00	26.82 1.68 0.00	26.37 1.49 0.00	26.59 1.55 0.00	26.93 1.71 0.00	28.38 2.08 0.00	31.76 2.35 -0.09	35.28 2.67 -0.40	36.18 2.88 -0.24	32.52 2.56 -1.18	31.81 2.48 -0.10	28.53 2.03 -1.06	27.66 1.98 -0.27	27.24 1.83 -0.04

VISCHER___FERRY HYD 24020	32.21 1.50 0.00	29.58 1.38 0.00	29.40 1.32 0.00	29.49 1.32 0.00	29.66 1.30 0.00	30.80 1.33 0.00	38.88 1.78 0.00	41.09 2.11 -0.63	36.48 1.84 -1.09	31.63 1.56 0.00	27.35 1.30 0.00	26.16 1.03 0.00	25.63 0.75 0.00	25.92 0.88 0.00	26.43 1.21 0.00	27.72 1.42 0.00	31.14 1.55 -0.27	35.02 1.71 -1.11	35.49 1.75 -0.67	33.59 1.52 -3.28	31.06 1.55 -0.29	29.72 1.32 -2.96	27.52 1.37 -0.74	26.84 1.34 -0.12
V_A_10_SYNC_DSASP 323832	28.68 -2.03 0.00	26.51 -1.69 0.00	26.04 -2.05 0.00	26.13 -2.03 0.00	26.65 -1.70 0.00	28.09 -1.38 0.00	34.17 -2.93 0.00	35.77 -2.65 -0.07	31.16 -2.52 -0.13	27.96 -2.11 0.00	24.59 -1.46 0.00	23.55 -1.58 0.00	23.14 -1.74 0.00	23.31 -1.73 0.00	23.30 -1.92 0.00	24.30 -2.00 0.00	26.89 -2.46 -0.03	29.63 -2.71 -0.13	30.40 -2.74 -0.08	27.15 -2.02 -0.38	26.98 -2.28 -0.03	23.84 -1.93 -0.34	23.69 -1.80 -0.09	23.81 -1.57 -0.01
V_CMM_10_SYNC_DSASP 323787	30.30 -0.40 0.00	27.81 -0.39 0.00	27.80 -0.28 0.00	27.91 -0.25 0.00	28.07 -0.28 0.00	29.03 -0.44 0.00	36.55 -0.56 0.00	37.69 -0.65 0.00	32.94 -0.60 0.00	29.58 -0.48 0.00	25.55 -0.50 0.00	24.93 -0.20 0.00	24.95 0.07 0.00	24.99 -0.05 0.00	24.94 -0.28 0.00	25.80 -0.50 0.00	28.80 -0.53 0.00	31.50 -0.71 0.00	32.31 -0.76 0.00	28.01 -0.78 0.00	28.53 -0.70 0.00	24.85 -0.58 0.00	24.85 -0.56 0.00	24.86 -0.51 0.00
V_CMP_10_SYNC_DSASP 323788	31.96 1.26 0.00	29.33 1.13 0.00	29.29 1.21 0.00	29.40 1.24 0.00	29.57 1.22 0.00	30.68 1.21 0.00	38.14 1.04 0.00	39.42 1.07 0.00	34.42 0.87 0.00	30.85 0.78 0.00	26.60 0.55 0.00	25.83 0.70 0.00	25.82 0.95 0.00	25.87 0.83 0.00	25.80 0.58 0.00	26.74 0.45 0.00	29.82 0.50 0.00	32.59 0.39 0.00	33.33 0.26 0.00	28.67 -0.11 0.00	29.14 -0.09 0.00	25.28 -0.15 0.00	25.15 -0.25 0.00	25.42 0.05 0.00
V_D_10_SYNC_DSASP 323841	30.46 -0.25 0.00	27.98 -0.23 0.00	27.97 -0.11 0.00	28.08 -0.08 0.00	28.21 -0.14 0.00	29.21 -0.27 0.00	36.73 -0.37 0.00	37.89 -0.46 0.00	33.11 -0.44 0.00	29.71 -0.36 0.00	25.66 -0.39 0.00	25.01 -0.13 0.00	25.03 0.15 0.00	25.09 0.05 0.00	25.01 -0.20 0.00	25.90 -0.39 0.00	28.91 -0.41 0.00	31.63 -0.58 0.00	32.41 -0.66 0.00	28.06 -0.72 0.00	28.61 -0.62 0.00	24.90 -0.54 0.00	24.90 -0.51 0.00	24.94 -0.43 0.00
V_E_10_SYNC_DSASP 323830	34.11 3.41 0.00	31.28 3.07 0.00	31.01 2.92 0.00	31.18 3.01 0.00	31.55 3.20 0.00	33.25 3.77 0.00	41.81 4.71 0.00	43.38 4.87 -0.17	37.69 3.86 -0.29	33.34 3.28 0.00	28.57 2.53 0.00	27.17 2.03 0.00	26.75 1.87 0.00	26.97 1.93 0.00	27.26 2.04 0.00	28.88 2.58 0.00	32.56 3.17 -0.07	36.14 3.64 -0.29	37.18 3.93 -0.18	33.07 3.42 -0.87	32.49 3.19 -0.08	28.61 2.39 -0.78	27.89 2.29 -0.20	27.58 2.18 -0.03
V_F_30_NSYNC___DSASP 323816	32.30 1.60 0.00	29.67 1.47 0.00	29.49 1.40 0.00	29.54 1.38 0.00	29.74 1.39 0.00	30.98 1.50 0.00	39.22 2.11 0.00	41.45 2.46 -0.64	36.70 2.05 -1.11	31.72 1.65 0.00	27.38 1.33 0.00	26.19 1.06 0.00	25.65 0.77 0.00	25.94 0.90 0.00	26.43 1.21 0.00	27.74 1.45 0.00	31.32 1.73 -0.27	35.23 1.90 -1.13	35.67 1.92 -0.68	33.81 1.70 -3.34	31.24 1.72 -0.29	29.87 1.42 -3.01	27.69 1.52 -0.75	26.96 1.47 -0.12
V_F_30_SYNC_DSASP 323786	31.99 1.29 0.00	29.41 1.21 0.00	29.24 1.15 0.00	29.32 1.15 0.00	29.51 1.16 0.00	30.39 0.91 0.00	38.29 1.19 0.00	40.55 1.57 -0.63	36.00 1.38 -1.08	31.21 1.14 0.00	27.14 1.09 0.00	26.01 0.88 0.00	25.53 0.65 0.00	25.74 0.70 0.00	26.20 0.98 0.00	27.51 1.21 0.00	30.85 1.26 -0.27	34.57 1.26 -1.10	34.99 1.26 -0.67	33.14 1.09 -3.27	30.74 1.23 -0.29	29.48 1.09 -2.95	27.49 1.35 -0.74	26.73 1.24 -0.12
V_XM_10_SYNC_DSASP 323789	31.96 1.26 0.00	29.33 1.13 0.00	29.29 1.21 0.00	29.40 1.24 0.00	29.57 1.22 0.00	30.68 1.21 0.00	38.14 1.04 0.00	39.42 1.07 0.00	34.42 0.87 0.00	30.85 0.78 0.00	26.60 0.55 0.00	25.83 0.70 0.00	25.82 0.95 0.00	25.87 0.83 0.00	25.80 0.58 0.00	26.74 0.45 0.00	29.82 0.50 0.00	32.59 0.39 0.00	33.33 0.26 0.00	28.67 -0.11 0.00	29.14 -0.09 0.00	25.28 -0.15 0.00	25.15 -0.25 0.00	25.42 0.05 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.76 2.06 0.00	30.06 1.86 0.00	29.88 1.80 0.00	29.94 1.77 0.00	30.14 1.79 0.00	31.39 1.92 0.00	39.74 2.63 0.00	41.86 3.03 -0.49	37.17 2.78 -0.84	32.35 2.28 0.00	28.11 2.06 0.00	26.84 1.71 0.00	26.30 1.42 0.00	26.52 1.48 0.00	26.98 1.77 0.00	28.43 2.13 0.00	31.90 2.38 -0.21	35.74 2.67 -0.86	36.36 2.78 -0.52	33.80 2.48 -2.54	31.82 2.37 -0.22	29.76 2.03 -2.29	27.96 1.98 -0.57	27.27 1.80 -0.09
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.98 2.27 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.51 2.03 0.00	39.96 2.86 0.00	42.19 3.34 -0.51	37.57 3.15 -0.87	32.68 2.62 0.00	30.34 2.40 -1.89	28.24 2.04 -1.07	28.00 1.72 -1.40	28.96 1.78 -2.14	29.97 2.09 -2.66	30.23 2.47 -1.46	35.65 2.76 -3.57	40.87 3.06 -5.61	40.11 3.17 -3.87	37.15 2.82 -5.55	32.12 2.66 -0.23	30.10 2.29 -2.37	28.24 2.24 -0.59	27.57 2.11 -0.10
W50THST__13_KV_LOAD 356117	33.10 2.39 0.00	30.37 2.17 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.45 2.10 0.00	31.63 2.15 0.00	40.14 3.04 0.00	42.38 3.53 -0.51	37.74 3.32 -0.87	32.83 2.77 0.00	30.49 2.55 -1.89	28.39 2.19 -1.07	28.17 1.89 -1.40	29.13 1.95 -2.14	30.15 2.27 -2.66	30.41 2.66 -1.46	35.85 2.96 -3.57	41.10 3.29 -5.61	40.31 3.37 -3.87	37.32 2.99 -5.55	32.23 2.78 -0.23	30.20 2.39 -2.37	28.36 2.36 -0.59	27.67 2.21 -0.10
WADING RIVER_IC_1 23522	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.09 3.05 0.00	27.82 2.69 0.00	27.12 2.24 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
WADING RIVER_IC_2 23547	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.09 3.05 0.00	27.82 2.69 0.00	27.12 2.24 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20
WADING RIVER_IC_3 23601	39.56 3.50 -5.36	33.12 3.13 -1.79	31.15 3.06 0.00	31.21 3.04 0.00	32.10 3.00 -0.74	41.48 3.27 -8.74	49.34 4.71 -7.52	56.00 5.14 -12.51	44.33 4.50 -6.29	33.58 3.52 0.00	29.09 3.05 0.00	27.82 2.69 0.00	27.12 2.24 0.00	27.39 2.35 0.00	27.86 2.65 0.00	35.98 3.42 -6.27	42.39 3.96 -9.11	54.98 4.51 -18.26	61.37 4.50 -23.81	51.01 4.12 -18.11	42.61 3.97 -9.41	40.54 3.38 -11.72	37.23 3.18 -8.64	32.64 3.07 -4.20

WALDENNY_12_KV_BK2 80841	28.95 -1.75 0.00	26.74 -1.47 0.00	26.26 -1.83 0.00	26.39 -1.77 0.00	26.54 -1.81 0.00	28.47 -1.00 0.00	35.36 -1.74 0.00	35.98 -2.45 -0.08	31.27 -2.42 -0.14	28.86 -1.20 0.00	25.16 -0.89 0.00	24.03 -1.11 0.00	23.51 -1.37 0.00	23.76 -1.28 0.00	23.73 -1.49 0.00	24.69 -1.60 0.00	26.95 -2.40 -0.04	29.52 -2.83 -0.15	30.18 -2.98 -0.09	27.02 -2.19 -0.43	26.78 -2.48 -0.04	23.66 -2.16 -0.39	23.37 -2.13 -0.10	22.80 -2.59 -0.02
WALDEN___HYDRO 24148	32.73 2.03 0.00	30.04 1.83 0.00	29.88 1.80 0.00	29.94 1.77 0.00	30.11 1.76 0.00	31.39 1.92 0.00	39.74 2.63 0.00	41.72 2.88 -0.49	37.01 2.62 -0.85	32.17 2.10 0.00	27.90 1.85 0.00	26.64 1.51 0.00	26.07 1.19 0.00	26.29 1.25 0.00	26.78 1.56 0.00	28.22 1.92 0.00	31.70 2.17 -0.21	35.56 2.48 -0.87	36.14 2.55 -0.53	33.63 2.27 -2.57	31.67 2.22 -0.22	29.61 1.86 -2.32	27.79 1.80 -0.58	27.11 1.65 -0.10
WARRENSBURG___ 23737	31.60 0.89 0.00	29.02 0.82 0.00	28.84 0.76 0.00	28.92 0.76 0.00	29.12 0.77 0.00	30.36 0.88 0.00	38.55 1.45 0.00	40.83 1.84 -0.64	36.10 1.44 -1.11	31.06 0.99 0.00	26.78 0.73 0.00	25.59 0.45 0.00	25.03 0.15 0.00	25.32 0.28 0.00	25.82 0.60 0.00	27.19 0.89 0.00	30.77 1.17 -0.27	34.66 1.32 -1.13	35.07 1.32 -0.68	33.28 1.15 -3.34	30.75 1.23 -0.29	29.40 0.94 -3.02	27.59 1.42 -0.76	26.84 1.34 -0.12
WATERSIDE___6 8 9 23538	33.01 2.30 0.00	30.26 2.06 0.00	30.08 1.99 0.00	30.11 1.94 0.00	30.31 1.96 0.00	31.42 1.95 0.00	39.88 2.78 0.00	42.15 3.30 -0.51	37.54 3.12 -0.87	32.65 2.59 0.00	30.27 2.29 -1.93	28.21 1.99 -1.09	28.00 1.69 -1.43	28.95 1.73 -2.18	29.97 2.04 -2.71	30.23 2.45 -1.49	35.66 2.70 -3.64	40.90 3.00 -5.70	40.11 3.11 -3.93	37.15 2.76 -5.60	32.09 2.63 -0.23	30.07 2.26 -2.38	28.26 2.26 -0.59	27.60 2.13 -0.10
WATKINRD_115KV_LN8_ILLION 55919	31.23 0.52 0.00	28.68 0.48 0.00	28.53 0.45 0.00	28.61 0.45 0.00	28.81 0.45 0.00	29.95 0.47 0.00	37.73 0.63 0.00	38.92 0.58 0.00	34.01 0.47 0.00	30.43 0.36 0.00	26.36 0.31 0.00	25.38 0.25 0.00	25.08 0.20 0.00	25.24 0.20 0.00	25.49 0.28 0.00	26.67 0.37 0.00	29.67 0.35 0.00	32.63 0.42 0.00	33.50 0.43 0.00	29.16 0.37 0.00	29.55 0.32 0.00	25.74 0.31 0.00	25.71 0.30 0.00	25.62 0.25 0.00
WATSON___69_KV_BK 1 55734	39.59 3.53 -5.36	33.21 3.22 -1.79	31.20 3.12 0.00	31.26 3.10 0.00	32.24 3.15 -0.74	41.54 3.33 -8.74	49.26 4.64 -7.52	56.07 5.22 -12.51	44.43 4.60 -6.29	33.64 3.58 0.00	29.17 3.13 0.00	27.90 2.76 0.00	27.19 2.31 0.00	27.42 2.38 0.00	27.92 2.70 0.00	36.04 3.47 -6.27	42.45 4.02 -9.11	54.98 4.51 -18.26	61.54 4.66 -23.81	51.04 4.14 -18.11	42.67 4.03 -9.41	40.53 3.38 -11.72	37.30 3.25 -8.64	32.59 3.02 -4.20
WDELAWARE___HYD 323627	32.24 1.53 0.00	29.58 1.38 0.00	29.43 1.35 0.00	29.49 1.32 0.00	29.63 1.28 0.00	30.98 1.50 0.00	39.37 2.26 0.00	41.07 2.26 -0.46	36.42 2.08 -0.79	31.69 1.62 0.00	27.38 1.33 0.00	26.11 0.98 0.00	24.88 0.00 0.00	25.14 0.10 0.00	25.60 0.38 0.00	26.96 0.66 0.00	30.37 0.85 -0.19	34.14 1.13 -0.81	34.71 1.16 -0.49	32.23 1.07 -2.38	31.16 1.72 -0.21	29.04 1.45 -2.15	27.22 1.27 -0.54	26.65 1.19 -0.09
WEST BABYLON___IC 23714	39.38 3.32 -5.36	33.01 3.02 -1.79	31.01 2.92 0.00	31.06 2.90 0.00	32.04 2.95 -0.74	41.34 3.12 -8.74	48.96 4.34 -7.52	55.73 4.87 -12.51	44.16 4.33 -6.29	33.46 3.40 0.00	28.99 2.94 0.00	27.72 2.59 0.00	27.07 2.19 0.00	27.27 2.23 0.00	27.76 2.55 0.00	35.85 3.29 -6.27	42.21 3.78 -9.11	54.72 4.25 -18.26	61.27 4.40 -23.81	50.81 3.91 -18.11	42.41 3.77 -9.41	40.33 3.18 -11.72	37.12 3.07 -8.64	32.41 2.84 -4.20
WEST CANADA___HYD 24049	31.01 0.31 0.00	28.48 0.28 0.00	28.34 0.25 0.00	28.42 0.25 0.00	28.61 0.25 0.00	29.77 0.29 0.00	37.51 0.41 0.00	38.73 0.38 0.00	33.88 0.34 0.00	30.33 0.27 0.00	26.28 0.23 0.00	25.28 0.15 0.00	24.95 0.07 0.00	25.14 0.10 0.00	25.40 0.18 0.00	26.53 0.24 0.00	29.59 0.26 0.00	32.59 0.39 0.00	33.46 0.40 0.00	29.13 0.35 0.00	29.55 0.32 0.00	25.71 0.28 0.00	25.69 0.28 0.00	25.62 0.25 0.00
WESTERN_NY_WIND 24143	29.26 -1.44 0.00	26.99 -1.21 0.00	26.51 -1.57 0.00	26.64 -1.52 0.00	26.85 -1.50 0.00	28.74 -0.74 0.00	35.58 -1.52 0.00	36.54 -1.88 -0.08	31.73 -1.95 -0.13	28.89 -1.17 0.00	25.11 -0.94 0.00	23.95 -1.18 0.00	23.41 -1.47 0.00	23.71 -1.33 0.00	23.68 -1.54 0.00	24.69 -1.60 0.00	27.33 -2.02 -0.03	30.15 -2.19 -0.13	30.87 -2.28 -0.08	27.48 -1.70 -0.39	27.30 -1.96 -0.03	24.11 -1.68 -0.35	23.82 -1.68 -0.09	23.03 -2.36 -0.01
WESTOVER___LESR 323668	30.98 0.28 0.00	28.48 0.28 0.00	28.25 0.17 0.00	28.33 0.17 0.00	28.58 0.23 0.00	29.98 0.50 0.00	37.66 0.56 0.00	38.98 0.46 -0.17	34.21 0.37 -0.30	30.55 0.48 0.00	26.44 0.39 0.00	25.33 0.20 0.00	24.90 0.02 0.00	25.12 0.08 0.00	25.34 0.13 0.00	26.56 0.26 0.00	29.60 0.21 -0.07	32.74 0.23 -0.31	33.55 0.30 -0.19	30.04 0.35 -0.91	29.54 0.23 -0.08	26.38 0.13 -0.82	25.69 0.08 -0.21	25.33 -0.08 -0.03
WETHRSFD_WT_PWR 323626	28.77 -1.93 0.00	26.62 -1.58 0.00	26.06 -2.02 0.00	26.16 -2.00 0.00	26.74 -1.61 0.00	28.24 -1.24 0.00	34.25 -2.86 0.00	35.48 -2.95 -0.08	30.87 -2.82 -0.14	28.11 -1.95 0.00	24.77 -1.28 0.00	23.67 -1.46 0.00	23.26 -1.62 0.00	23.44 -1.60 0.00	23.38 -1.84 0.00	24.33 -1.97 0.00	26.60 -2.76 -0.03	29.06 -3.29 -0.14	29.62 -3.54 -0.09	26.50 -2.71 -0.42	26.14 -3.13 -0.04	23.04 -2.77 -0.38	22.89 -2.62 -0.10	22.97 -2.41 -0.02
WHAVSTOR_138KV_BK127 55557	32.64 1.93 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.59 2.49 0.00	41.71 2.88 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.00 1.95 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.82 2.29 -0.21	35.61 2.54 -0.86	36.23 2.65 -0.52	33.68 2.36 -2.54	31.73 2.28 -0.22	29.69 1.96 -2.30	27.89 1.91 -0.57	27.21 1.75 -0.09
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.64 1.93 0.00	29.98 1.78 0.00	29.80 1.71 0.00	29.85 1.69 0.00	30.02 1.67 0.00	31.24 1.77 0.00	39.59 2.49 0.00	41.71 2.88 -0.49	37.07 2.68 -0.84	32.26 2.19 0.00	28.00 1.95 0.00	26.77 1.63 0.00	26.22 1.34 0.00	26.44 1.40 0.00	26.91 1.69 0.00	28.35 2.05 0.00	31.82 2.29 -0.21	35.61 2.54 -0.86	36.23 2.65 -0.52	33.68 2.36 -2.54	31.73 2.28 -0.22	29.69 1.96 -2.30	27.89 1.91 -0.57	27.21 1.75 -0.09
WHITEHAL_115KV_TB1 80871	32.30 1.60 0.00	29.67 1.47 0.00	29.46 1.38 0.00	29.54 1.38 0.00	29.77 1.42 0.00	31.07 1.59 0.00	39.55 2.45 0.00	41.90 2.91 -0.64	36.93 2.28 -1.11	31.69 1.62 0.00	27.30 1.25 0.00	26.04 0.90 0.00	25.45 0.57 0.00	25.72 0.68 0.00	26.25 1.03 0.00	27.72 1.42 0.00	31.47 1.88 -0.27	35.46 2.13 -1.13	35.90 2.15 -0.68	33.99 1.87 -3.34	31.48 1.96 -0.29	29.98 1.53 -3.02	27.43 1.27 -0.76	27.19 1.70 -0.12

WHITEPLN_13_KV_LOAD 356215	33.13 2.43 0.00	30.43 2.23 0.00	30.22 2.13 0.00	30.28 2.11 0.00	30.48 2.13 0.00	31.72 2.24 0.00	40.26 3.15 0.00	42.61 3.76 -0.50	37.83 3.42 -0.87	32.89 2.83 0.00	28.55 2.50 0.00	27.29 2.16 0.00	26.72 1.84 0.00	26.92 1.88 0.00	27.44 2.22 0.00	28.90 2.60 0.00	32.47 2.93 -0.21	36.25 3.16 -0.88	36.81 3.21 -0.54	34.25 2.85 -2.62	32.23 2.78 -0.23	30.19 2.39 -2.37	28.31 2.31 -0.59	27.60 2.13 -0.10
WM_FLOYD_69_KV_BK2 356380	39.53 3.47 -5.36	33.13 3.13 -1.79	31.12 3.03 0.00	31.18 3.01 0.00	32.16 3.06 -0.74	41.43 3.21 -8.74	49.15 4.53 -7.52	55.96 5.10 -12.51	44.29 4.46 -6.29	33.55 3.49 0.00	29.07 3.02 0.00	27.80 2.66 0.00	27.09 2.21 0.00	27.32 2.28 0.00	27.81 2.60 0.00	35.96 3.39 -6.27	42.36 3.93 -9.11	54.88 4.41 -18.26	61.44 4.56 -23.81	50.98 4.09 -18.11	42.59 3.95 -9.41	40.43 3.28 -11.72	37.23 3.18 -8.64	32.51 2.94 -4.20
WOODARD__115KV_TB2 355635	30.00 -0.71 0.00	27.55 -0.65 0.00	27.38 -0.70 0.00	27.46 -0.70 0.00	27.64 -0.71 0.00	28.94 -0.53 0.00	36.32 -0.78 0.00	37.56 -0.84 -0.06	32.87 -0.77 -0.10	29.43 -0.63 0.00	25.50 -0.55 0.00	24.48 -0.65 0.00	24.11 -0.77 0.00	24.31 -0.73 0.00	24.51 -0.71 0.00	25.64 -0.66 0.00	28.67 -0.67 -0.02	31.63 -0.68 -0.10	32.46 -0.66 -0.06	28.55 -0.52 -0.29	28.64 -0.61 -0.03	25.11 -0.58 -0.26	24.84 -0.64 -0.06	24.57 -0.81 -0.01
YORK___WARBASSE 23770	33.16 2.46 0.00	30.40 2.20 0.00	30.19 2.11 0.00	30.22 2.06 0.00	30.42 2.07 0.00	31.51 2.03 0.00	40.00 2.89 0.00	42.26 3.41 -0.51	37.64 3.22 -0.87	32.71 2.65 0.00	30.35 2.37 -1.93	28.31 2.09 -1.09	28.07 1.77 -1.43	29.05 1.83 -2.18	30.05 2.12 -2.71	30.31 2.52 -1.49	35.80 2.84 -3.64	41.10 3.19 -5.70	40.31 3.31 -3.93	37.32 2.94 -5.60	32.20 2.75 -0.23	30.15 2.34 -2.38	28.34 2.34 -0.59	27.70 2.23 -0.10