

ALBANY___2 23572	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.43 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.40 -6.86	37.79 1.44 -0.26	33.15 1.43 0.00	30.77 0.87 0.00	29.98 0.87 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.82 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
ALBANY___3 23573	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.43 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.40 -6.86	37.79 1.44 -0.26	33.15 1.43 0.00	30.77 0.87 0.00	29.98 0.87 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.82 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
ALBANY___4 23574	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.43 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.40 -6.86	37.79 1.44 -0.26	33.15 1.43 0.00	30.77 0.87 0.00	29.98 0.87 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.82 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
ALBANY___LFGE 323615	36.94 1.57 -7.88	33.44 1.56 -4.41	31.69 1.59 -2.66	31.92 1.62 -2.90	31.13 1.59 -2.04	35.02 1.78 -2.45	47.03 1.98 -9.05	46.60 1.71 -6.92	38.11 1.77 -0.26	33.37 1.65 0.00	31.04 1.14 0.00	30.28 1.17 0.00	29.35 1.16 0.00	29.67 1.20 0.00	29.88 1.12 0.00	29.92 1.18 0.00	30.48 1.20 0.00	36.08 1.38 -1.77	36.54 1.22 -4.73	34.15 1.12 -4.26	33.59 1.13 -5.02	34.18 1.07 -5.68	32.73 1.28 -4.15	31.00 1.34 -4.36
ALCOA_PA_115KV_PL-6C 55860	27.03 -0.47 0.00	27.03 -0.44 0.00	27.11 -0.33 0.00	27.08 -0.33 0.00	27.05 -0.44 0.00	30.23 -0.55 0.00	35.46 -0.54 0.00	37.43 -0.53 0.00	35.58 -0.51 0.00	31.18 -0.54 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.25 -0.23 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	28.93 -0.35 0.00	32.33 -0.59 0.00	29.94 -0.64 0.00	28.22 -0.55 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.96 -0.33 0.00	25.00 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	27.03 -0.47 0.00	27.03 -0.44 0.00	27.11 -0.33 0.00	27.08 -0.33 0.00	27.05 -0.44 0.00	30.23 -0.55 0.00	35.46 -0.54 0.00	37.43 -0.53 0.00	35.58 -0.51 0.00	31.18 -0.54 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.25 -0.23 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	28.93 -0.35 0.00	32.33 -0.59 0.00	29.94 -0.64 0.00	28.22 -0.55 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.96 -0.33 0.00	25.00 -0.30 0.00
ALCOA___DSASP 323711	27.03 -0.47 0.00	27.03 -0.44 0.00	27.08 -0.36 0.00	27.08 -0.33 0.00	27.05 -0.44 0.00	30.23 -0.55 0.00	35.47 -0.54 0.00	37.43 -0.53 0.00	35.58 -0.51 0.00	31.18 -0.54 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.28 -0.20 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	28.93 -0.35 0.00	32.33 -0.59 0.00	29.97 -0.61 0.00	28.22 -0.55 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.96 -0.33 0.00	25.00 -0.30 0.00
ALLEGHENY___COGEN 23514	29.67 0.88 -1.30	28.91 0.71 -0.73	28.54 0.66 -0.44	28.49 0.60 -0.48	28.68 0.85 -0.34	32.39 1.20 -0.40	38.87 1.37 -1.49	40.43 1.33 -1.14	37.13 1.01 -0.04	32.76 1.05 0.00	30.47 0.57 0.00	29.46 0.35 0.00	28.50 0.31 0.00	28.50 0.03 0.00	29.13 0.37 0.00	29.02 0.29 0.00	29.67 0.38 -0.01	34.11 0.89 -0.29	32.41 0.98 -0.85	30.05 0.58 -0.70	28.79 0.52 -0.83	28.79 0.41 -0.94	27.89 -0.08 -0.69	26.05 0.03 -0.72
ALTAMONT_115KV_TB 2 55880	36.52 1.21 -7.82	33.03 1.18 -4.38	31.26 1.18 -2.64	31.46 1.18 -2.88	30.73 1.21 -2.03	34.57 1.35 -2.43	46.53 1.55 -8.98	46.35 1.52 -6.87	37.82 1.48 -0.26	33.08 1.36 0.00	30.98 1.08 0.00	30.16 1.05 0.00	29.23 1.04 0.00	29.56 1.08 0.00	29.80 1.04 0.00	29.80 1.06 0.00	30.42 1.14 0.00	36.03 1.35 -1.75	36.75 1.22 -4.94	34.15 1.15 -4.23	33.52 1.10 -4.98	34.14 1.07 -5.63	32.50 1.09 -4.12	30.67 1.04 -4.33
ALTONA_WT_PWR 323606	26.92 -0.58 0.00	27.00 -0.47 0.00	27.19 -0.25 0.00	27.27 -0.14 0.00	27.33 -0.16 0.00	30.63 -0.15 0.00	36.00 0.00 0.00	38.04 0.08 0.00	36.19 0.11 0.00	31.91 0.19 0.00	30.29 0.39 0.00	29.52 0.41 0.00	28.56 0.37 0.00	28.93 0.45 0.00	29.19 0.43 0.00	29.14 0.40 0.00	29.57 0.29 0.00	32.93 0.00 0.00	30.37 -0.21 0.00	28.51 -0.26 0.00	27.14 -0.30 0.00	27.11 -0.33 0.00	27.18 -0.11 0.00	25.20 -0.10 0.00
AMERICAN_REF_FUEL 24010	26.08 -2.42 -1.01	25.48 -2.55 -0.57	25.20 -2.58 -0.34	25.10 -2.69 -0.37	25.28 -2.47 -0.26	28.24 -2.86 -0.31	33.28 -3.89 -1.16	34.14 -4.71 -0.89	31.75 -4.37 -0.03	28.52 -3.20 0.00	26.61 -3.29 0.00	25.82 -3.29 0.00	24.95 -3.24 0.00	24.75 -3.73 0.00	25.34 -3.42 0.00	25.06 -3.68 0.00	25.40 -3.87 0.01	29.33 -3.82 -0.23	27.79 -3.46 -0.66	25.77 -3.54 -0.55	24.73 -3.35 -0.64	24.63 -3.54 -0.73	24.14 -3.68 -0.53	22.98 -2.89 -0.56
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.29 -1.32 -1.12	26.66 -1.43 -0.63	26.34 -1.48 -0.38	26.20 -1.62 -0.41	26.44 -1.35 -0.29	29.56 -1.57 -0.35	34.91 -2.38 -1.28	35.91 -3.04 -0.98	33.02 -3.10 -0.04	29.91 -1.81 0.00	27.81 -2.09 0.00	26.72 -2.39 0.00	25.62 -2.57 0.00	25.31 -3.16 0.00	25.86 -2.90 0.00	25.49 -3.25 0.00	25.81 -3.45 0.01	29.49 -3.69 -0.25	27.80 -3.52 -0.73	25.60 -3.77 -0.60	24.59 -3.57 -0.71	24.46 -3.79 -0.81	23.84 -4.04 -0.59	22.83 -3.09 -0.62
ARTHUR KILL_GT_1 23520	36.40 2.45 -6.46	33.42 2.33 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.29 2.49 -2.01	46.48 3.06 -7.42	48.77 3.45 -7.35	50.64 3.32 -11.24	48.06 2.92 -13.42	43.97 2.69 -11.38	42.61 2.59 -10.91	42.59 2.48 -11.92	42.62 2.53 -11.61	42.64 2.53 -11.35	42.90 2.59 -11.57	44.79 2.66 -12.85	59.36 3.13 -23.30	145.41 2.94 -111.89	55.30 2.73 -23.80	53.42 2.58 -23.40	52.24 2.58 -22.22	33.14 2.43 -3.43	31.06 2.18 -3.58
ARTHUR_KILL_2 23512	36.32 2.36 -6.46	33.34 2.25 -3.62	31.82 2.20 -2.19	31.90 2.11 -2.38	31.40 2.23 -1.68	35.20 2.40 -2.01	46.38 2.95 -7.42	48.66 3.34 -7.35	50.53 3.21 -11.24	47.93 2.79 -13.42	43.88 2.60 -11.38	42.53 2.50 -10.91	42.50 2.39 -11.92	42.53 2.45 -11.61	42.55 2.44 -11.35	42.81 2.50 -11.57	44.67 2.55 -12.85	59.26 3.03 -23.30	145.32 2.84 -111.89	55.18 2.62 -23.80	53.34 2.50 -23.40	52.13 2.47 -22.22	33.06 2.35 -3.43	30.98 2.10 -3.58
ARTHUR_KILL_3 23513	36.17 2.23 -6.45	33.22 2.14 -3.61	31.70 2.08 -2.18	31.81 2.03 -2.37	31.31 2.15 -1.67	35.13 2.34 -2.01	46.23 2.81 -7.41	48.53 3.23 -7.34	50.32 3.10 -11.13	47.63 2.76 -13.16	39.97 2.57 -7.50	38.03 2.47 -6.44	38.13 2.39 -7.54	38.08 2.42 -7.19	38.09 2.42 -6.91	38.09 2.44 -6.91	44.49 2.49 -12.72	59.06 2.93 -23.21	144.36 2.72 -111.05	54.69 2.53 -23.39	52.00 2.39 -22.17	52.04 2.39 -22.22	32.95 2.24 -3.42	30.85 1.97 -3.57

ARTHUR_KILL_COGEN 323718	36.40 2.45 -6.46	33.42 2.33 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.29 2.49 -2.01	46.48 3.06 -7.42	48.77 3.45 -7.35	50.64 3.32 -11.24	48.06 2.92 -13.42	43.97 2.69 -11.38	42.61 2.59 -10.91	42.59 2.48 -11.92	42.62 2.53 -11.61	42.64 2.53 -11.35	42.90 2.59 -11.57	44.79 2.66 -12.85	59.36 3.13 -23.30	145.41 2.94 -111.89	55.30 2.73 -23.80	53.42 2.58 -23.40	52.24 2.58 -22.22	33.14 2.43 -3.43	31.06 2.18 -3.58
ASHOKAN____ 23654	35.84 1.29 -7.06	32.63 1.21 -3.95	31.03 1.21 -2.38	31.29 1.29 -2.59	30.51 1.18 -1.83	34.48 1.51 -2.19	45.94 1.84 -8.10	45.80 1.63 -6.20	37.83 1.52 -0.23	33.59 1.87 0.00	31.25 1.35 0.00	30.39 1.28 0.00	29.43 1.24 0.00	29.79 1.31 0.00	30.14 1.38 0.00	30.34 1.61 0.00	31.03 1.76 0.00	35.59 1.08 -1.58	36.47 1.44 -4.45	33.42 0.83 -3.82	32.70 0.77 -4.50	33.32 0.80 -5.08	31.72 0.71 -3.72	29.99 0.79 -3.91
ASTORIA_EAST_ENERGY_CC1 323581	36.32 2.36 -6.46	33.40 2.31 -3.62	31.88 2.25 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.32 2.52 -2.01	46.34 2.92 -7.42	48.80 3.49 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.45 2.59 -4.66	35.36 2.62 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.13 2.97 -10.58	43.53 2.76 -12.00	37.01 2.61 -6.96	34.65 2.55 -4.66	33.07 2.37 -3.41	30.86 1.97 -3.58
ASTORIA_EAST_ENERGY_CC2 323582	36.35 2.39 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.35 2.55 -2.01	46.34 2.92 -7.42	48.80 3.49 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.45 2.59 -4.66	35.36 2.62 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.13 2.97 -10.58	43.53 2.76 -12.00	37.01 2.61 -6.96	34.65 2.55 -4.66	33.07 2.37 -3.41	30.86 1.97 -3.58
ASTORIA_GT2_1 24094	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT2_2 24095	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT2_3 24096	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT2_4 24097	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT3_1 24098	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT3_2 24099	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT3_3 24100	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT3_4 24101	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT4_1 24102	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT4_2 24103	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT4_3 24104	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57

ASTORIA_GT4_4 24105	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.34 2.56 -2.01	46.33 2.92 -7.41	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.00 2.61 -6.96	34.68 2.58 -4.66	33.09 2.40 -3.40	30.87 2.00 -3.57
ASTORIA_GT_1 23523	36.40 2.45 -6.46	33.45 2.36 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.41 2.99 -7.42	48.92 3.61 -7.35	50.78 3.46 -11.23	48.00 3.11 -13.18	37.73 2.87 -4.96	35.36 2.77 -3.48	35.53 2.68 -4.66	35.45 2.71 -4.27	35.41 2.68 -3.98	35.29 2.73 -3.82	44.49 2.78 -12.43	48.21 3.26 -12.03	44.22 3.06 -10.58	43.62 2.85 -12.00	37.06 2.66 -6.96	34.73 2.63 -4.66	33.16 2.46 -3.41	30.93 2.05 -3.58
ASTORIA_GT_10 24110	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
ASTORIA_GT_11 24225	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
ASTORIA_GT_12 24226	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
ASTORIA_GT_13 24227	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
ASTORIA_GT_5 24106	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.40 2.99 -7.41	48.92 3.61 -7.35	50.78 3.46 -11.23	48.00 3.11 -13.18	37.73 2.87 -4.96	35.36 2.77 -3.48	35.53 2.68 -4.66	35.45 2.71 -4.27	35.41 2.67 -3.98	35.29 2.73 -3.82	44.49 2.78 -12.43	48.21 3.26 -12.03	44.22 3.06 -10.58	43.62 2.85 -12.00	37.06 2.66 -6.96	34.73 2.63 -4.66	33.12 2.43 -3.40	30.92 2.05 -3.57
ASTORIA_GT_7 24107	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.40 2.99 -7.41	48.92 3.61 -7.35	50.78 3.46 -11.23	48.00 3.11 -13.18	37.73 2.87 -4.96	35.36 2.77 -3.48	35.53 2.68 -4.66	35.45 2.71 -4.27	35.41 2.67 -3.98	35.29 2.73 -3.82	44.49 2.78 -12.43	48.21 3.26 -12.03	44.22 3.06 -10.58	43.62 2.85 -12.00	37.06 2.66 -6.96	34.73 2.63 -4.66	33.12 2.43 -3.40	30.92 2.05 -3.57
ASTORIA_GT_8 24108	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.40 2.99 -7.41	48.92 3.61 -7.35	50.78 3.46 -11.23	48.00 3.11 -13.18	37.73 2.87 -4.96	35.36 2.77 -3.48	35.53 2.68 -4.66	35.45 2.71 -4.27	35.41 2.67 -3.98	35.29 2.73 -3.82	44.49 2.78 -12.43	48.21 3.26 -12.03	44.22 3.06 -10.58	43.62 2.85 -12.00	37.06 2.66 -6.96	34.73 2.63 -4.66	33.12 2.43 -3.40	30.92 2.05 -3.57
ASTORIA___2 24149	36.35 2.39 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.35 2.55 -2.01	46.34 2.92 -7.42	48.84 3.53 -7.35	50.70 3.39 -11.23	47.91 3.01 -13.18	37.67 2.81 -4.96	35.30 2.71 -3.48	35.48 2.62 -4.66	35.39 2.65 -4.27	35.36 2.62 -3.98	35.23 2.67 -3.82	44.43 2.72 -12.43	48.14 3.19 -12.03	44.16 3.00 -10.58	43.53 2.76 -12.00	37.01 2.61 -6.96	34.68 2.58 -4.66	33.10 2.40 -3.41	30.88 2.00 -3.58
ASTORIA___3 23516	36.40 2.45 -6.46	33.45 2.36 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.52 3.10 -7.42	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.03 2.15 -3.58
ASTORIA___4 23517	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
ASTORIA___5 23518	36.40 2.45 -6.46	33.45 2.36 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.52 3.10 -7.42	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.03 2.15 -3.58
AST_ENERGY_2_CC3 323677	36.28 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.39 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.68 3.38 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.45 2.63 -4.92	35.13 2.56 -3.46	35.27 2.45 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.03 2.50 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.28 2.59 -11.93	36.82 2.44 -6.94	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
AST_ENERGY_2_CC4 323678	36.28 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.39 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.68 3.38 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.45 2.63 -4.92	35.13 2.56 -3.46	35.27 2.45 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.03 2.50 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.28 2.59 -11.93	36.82 2.44 -6.94	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57

ATHENS_STG_1 23668	35.96 1.43 -7.04	32.81 1.40 -3.94	31.19 1.37 -2.38	31.37 1.37 -2.59	30.72 1.40 -1.83	34.54 1.57 -2.19	45.92 1.84 -8.08	46.12 1.97 -6.19	38.23 1.91 -0.23	33.43 1.71 0.00	31.42 1.52 0.00	30.59 1.48 0.00	29.60 1.41 0.00	29.93 1.45 0.00	30.17 1.41 0.00	30.20 1.46 0.00	30.77 1.49 0.00	36.28 1.78 -1.58	36.83 1.65 -4.60	34.10 1.52 -3.81	33.38 1.45 -4.49	33.94 1.43 -5.07	32.36 1.36 -3.71	30.44 1.24 -3.90
ATHENS_STG_2 23670	35.96 1.43 -7.04	32.81 1.40 -3.94	31.19 1.37 -2.38	31.37 1.37 -2.59	30.72 1.40 -1.83	34.54 1.57 -2.19	45.92 1.84 -8.08	46.12 1.97 -6.19	38.23 1.91 -0.23	33.43 1.71 0.00	31.42 1.52 0.00	30.59 1.48 0.00	29.60 1.41 0.00	29.93 1.45 0.00	30.17 1.41 0.00	30.20 1.46 0.00	30.77 1.49 0.00	36.28 1.78 -1.58	36.83 1.65 -4.60	34.10 1.52 -3.81	33.38 1.45 -4.49	33.94 1.43 -5.07	32.36 1.36 -3.71	30.44 1.24 -3.90
ATHENS_STG_3 23677	35.96 1.43 -7.04	32.81 1.40 -3.94	31.19 1.37 -2.38	31.37 1.37 -2.59	30.72 1.40 -1.83	34.54 1.57 -2.19	45.92 1.84 -8.08	46.12 1.97 -6.19	38.23 1.91 -0.23	33.43 1.71 0.00	31.42 1.52 0.00	30.59 1.48 0.00	29.60 1.41 0.00	29.93 1.45 0.00	30.17 1.41 0.00	30.20 1.46 0.00	30.77 1.49 0.00	36.28 1.78 -1.58	36.83 1.65 -4.60	34.10 1.52 -3.81	33.38 1.45 -4.49	33.94 1.43 -5.07	32.36 1.36 -3.71	30.44 1.24 -3.90
AUBURN___LFGE 323710	28.37 -0.05 -0.93	27.85 -0.14 -0.52	27.56 -0.19 -0.31	27.59 -0.16 -0.34	27.71 -0.03 -0.24	31.13 0.06 -0.29	37.11 0.04 -1.07	38.75 -0.04 -0.82	35.97 -0.14 -0.03	31.62 -0.10 0.00	29.69 -0.21 0.00	28.91 -0.20 0.00	27.96 -0.23 0.00	28.16 -0.31 0.00	28.59 -0.17 0.00	28.51 -0.23 0.00	29.07 -0.23 -0.03	33.10 -0.03 0.03	31.22 0.03 -0.61	29.21 -0.06 -0.50	27.98 -0.05 -0.59	28.03 -0.08 -0.67	27.45 -0.33 -0.49	25.57 -0.25 -0.52
BABYLON_RES_REC 323704	41.18 2.94 -10.75	38.24 2.86 -7.92	35.80 2.83 -5.53	36.18 2.77 -6.00	37.59 2.86 -7.24	42.53 3.20 -8.55	52.81 3.81 -12.99	55.42 4.33 -13.13	48.36 4.08 -8.20	41.12 3.61 -5.79	35.55 3.35 -2.30	32.31 3.20 0.00	31.21 3.02 0.00	31.58 3.10 0.00	37.83 3.19 -5.88	42.99 3.25 -11.01	48.57 3.34 -15.96	52.15 3.88 -15.34	52.93 3.64 -18.71	52.23 3.36 -20.09	50.42 3.15 -19.83	43.08 3.13 -12.51	38.22 2.95 -7.98	36.69 2.66 -8.73
BABYLON__69_KV_BK2 356345	41.48 3.24 -10.75	38.55 3.16 -7.92	36.07 3.10 -5.53	36.48 3.07 -6.00	37.92 3.19 -7.24	42.87 3.54 -8.55	53.24 4.25 -12.99	56.76 4.78 -14.01	48.80 4.51 -8.20	41.44 3.93 -5.79	35.88 3.68 -2.30	32.60 3.49 0.00	31.46 3.27 0.00	31.86 3.39 0.00	38.12 3.48 -5.88	43.80 3.56 -11.50	49.75 3.69 -16.78	53.39 4.28 -16.18	54.67 4.01 -20.08	53.70 3.71 -21.22	51.82 3.51 -20.87	43.45 3.48 -12.53	38.52 3.25 -7.98	36.94 2.91 -8.73
BALL_HILL_WT_PWR 323825	26.89 -1.68 -1.08	26.26 -1.81 -0.60	25.97 -1.84 -0.36	25.83 -1.97 -0.40	26.07 -1.70 -0.28	29.12 -2.00 -0.33	34.40 -2.85 -1.24	35.45 -3.45 -0.95	32.80 -3.32 -0.04	29.82 -1.90 0.00	27.84 -2.06 0.00	26.93 -2.18 0.00	25.96 -2.23 0.00	25.71 -2.76 0.00	26.26 -2.50 0.00	25.95 -2.79 0.00	26.28 -2.99 0.01	30.01 -3.16 -0.24	28.38 -2.91 -0.70	26.27 -3.08 -0.58	25.19 -2.94 -0.69	25.09 -3.13 -0.78	24.50 -3.36 -0.57	23.32 -2.58 -0.59
BARON_WINDS___WT_PWR 323822	29.41 0.22 -1.70	28.58 0.17 -0.95	28.15 0.14 -0.57	28.17 0.14 -0.62	28.29 0.36 -0.44	31.77 0.46 -0.53	38.35 0.40 -1.95	39.76 0.30 -1.49	36.25 0.11 -0.06	32.32 0.60 0.00	30.29 0.39 0.00	29.40 0.29 0.00	28.36 0.17 0.00	28.36 -0.11 0.00	28.79 0.03 0.00	28.57 -0.17 0.00	29.04 -0.26 -0.02	33.08 -0.23 -0.38	31.51 -0.18 -1.11	29.31 -0.37 -0.92	28.16 -0.36 -1.08	28.22 -0.44 -1.22	27.34 -0.85 -0.89	25.61 -0.63 -0.94
BARRETT_IC_1 23704	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_10 23701	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_11 23702	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_12 23703	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_2 23705	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_3 23706	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_4 23707	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73

BARRETT_IC_5 23708	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_6 23709	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_7 23710	40.82 2.58 -10.75	37.91 2.53 -7.92	35.44 2.47 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.25 3.57 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.96 2.85 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.13 3.26 -14.95	51.71 3.06 -18.07	51.16 2.82 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_8 23711	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT_IC_9 23700	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT___1 23545	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BARRETT___2 23546	40.82 2.58 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.07 2.74 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.34 2.70 -5.88	42.21 2.70 -10.78	46.37 2.75 -14.34	51.10 3.23 -14.95	51.69 3.03 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	41.99 2.63 -11.91	37.78 2.51 -7.98	36.26 2.23 -8.73
BATAVIA___115KV_TB1 55881	27.24 -1.21 -0.96	26.63 -1.37 -0.54	26.17 -1.59 -0.32	26.23 -1.53 -0.35	26.45 -1.29 -0.25	29.73 -1.35 -0.30	35.12 -1.98 -1.10	36.38 -2.43 -0.84	33.73 -2.38 -0.03	30.07 -1.65 0.00	28.11 -1.79 0.00	27.28 -1.83 0.00	26.33 -1.86 0.00	26.20 -2.28 0.00	26.81 -1.96 0.00	26.52 -2.21 0.00	26.98 -2.28 0.01	31.10 -2.04 -0.21	29.47 -1.74 -0.63	27.27 -2.01 -0.52	26.13 -1.92 -0.61	26.02 -2.11 -0.69	25.42 -2.37 -0.51	24.03 -1.80 -0.53
BAYONEEC___CTG1 323682	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG10 323750	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG2 323683	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG3 323684	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG4 323685	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG5 323686	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG6 323687	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57

BAYONEEC___CTG7 323688	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG8 323689	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BAYONEEC___CTG9 323749	36.26 2.31 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.39 2.23 -1.67	35.22 2.43 -2.01	46.33 2.92 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.86 -13.06	37.48 2.66 -4.92	35.13 2.56 -3.46	35.30 2.48 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.06 2.53 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.31 2.62 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
BEACON___LESR 323632	37.08 1.79 -7.80	33.62 1.78 -4.37	31.88 1.81 -2.63	32.11 1.84 -2.87	31.33 1.81 -2.02	35.27 2.06 -2.42	47.30 2.34 -8.95	46.90 2.09 -6.85	38.47 2.13 -0.26	33.69 1.97 0.00	31.31 1.41 0.00	30.54 1.43 0.00	29.57 1.38 0.00	29.90 1.42 0.00	30.11 1.35 0.00	30.17 1.44 0.00	30.77 1.49 0.00	36.42 1.74 -1.75	36.75 1.56 -4.61	34.42 1.44 -4.22	33.81 1.40 -4.97	34.40 1.34 -5.62	32.93 1.53 -4.11	31.19 1.57 -4.32
BEAVER RIVER___HYD 24048	27.67 -0.11 -0.28	27.49 -0.14 -0.16	27.40 -0.14 -0.10	27.43 -0.08 -0.10	27.54 -0.03 -0.07	30.93 0.06 -0.09	36.55 0.22 -0.33	38.48 0.27 -0.25	36.24 0.14 -0.01	31.56 -0.16 0.00	29.75 -0.15 0.00	28.99 -0.12 0.00	28.08 -0.11 0.00	28.45 -0.03 0.00	28.79 0.03 0.00	29.36 0.09 0.00	33.12 0.13 -0.06	30.46 -0.31 -0.19	28.55 -0.37 -0.15	27.21 -0.41 -0.18	27.23 -0.41 -0.20	26.84 -0.60 -0.15	24.93 -0.53 -0.16	
BEEBEE_GT_13 23619	27.46 -0.91 -0.87	26.91 -1.04 -0.49	26.53 -1.21 -0.29	26.58 -1.15 -0.32	26.76 -0.96 -0.23	30.04 -1.02 -0.27	35.57 -1.44 -1.00	36.98 -1.75 -0.77	34.38 -1.73 -0.03	30.35 -1.36 0.00	28.43 -1.47 0.00	27.66 -1.46 0.00	26.72 -1.47 0.00	26.74 -1.74 0.00	27.27 -1.50 0.00	27.07 -1.67 0.00	27.56 -1.70 0.02	31.74 -1.38 -0.20	29.99 -1.16 -0.57	27.89 -1.35 -0.47	26.71 -1.29 -0.56	26.67 -1.40 -0.63	26.14 -1.61 -0.46	24.52 -1.27 -0.48
BENSHRST_27_KV_BENSHRST_1 355998	36.64 2.69 -6.45	33.66 2.58 -3.61	32.12 2.50 -2.18	32.22 2.44 -2.37	31.70 2.53 -1.67	35.56 2.77 -2.01	46.80 3.38 -7.41	49.19 3.87 -7.35	51.04 3.72 -11.24	48.44 3.30 -13.42	44.36 3.08 -11.38	42.99 2.97 -10.91	42.96 2.85 -11.92	42.99 2.90 -11.61	42.99 2.88 -11.35	43.24 2.93 -11.57	45.70 2.99 -13.44	59.72 3.49 -23.30	145.75 3.27 -111.89	55.61 3.05 -23.80	53.73 2.88 -23.40	52.52 2.85 -22.22	33.41 2.70 -3.42	31.28 2.40 -3.57
BETHLEHEM___GRP 23843	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.43 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.40 -6.86	37.79 1.44 -0.26	33.15 1.43 0.00	30.77 0.87 0.00	29.98 0.87 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.82 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
BETHLEHEM___GS1 323560	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.42 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.41 -6.86	37.79 1.44 -0.26	33.11 1.39 0.00	30.77 0.87 0.00	30.04 0.93 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.83 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
BETHLEHEM___GS2 323561	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.42 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.41 -6.86	37.79 1.44 -0.26	33.11 1.39 0.00	30.77 0.87 0.00	30.04 0.93 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.83 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
BETHLEHEM___GS3 323562	36.68 1.37 -7.81	33.24 1.40 -4.37	31.50 1.43 -2.64	31.71 1.42 -2.87	30.95 1.43 -2.03	34.78 1.57 -2.43	46.70 1.73 -8.97	46.23 1.41 -6.86	37.79 1.44 -0.26	33.11 1.39 0.00	30.77 0.87 0.00	30.04 0.93 0.00	29.09 0.90 0.00	29.44 0.97 0.00	29.62 0.86 0.00	29.66 0.92 0.00	30.21 0.94 0.00	35.73 1.05 -1.75	36.15 0.92 -4.65	33.83 0.83 -4.22	33.24 0.82 -4.98	33.86 0.80 -5.63	32.47 1.06 -4.12	30.84 1.21 -4.32
BETHLEHEM___STEEL 23779	26.69 -1.87 -1.06	26.06 -2.01 -0.59	25.58 -2.22 -0.36	25.64 -2.17 -0.39	25.84 -1.92 -0.28	28.90 -2.22 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.62 -2.09 0.00	27.72 -2.18 0.00	26.93 -2.18 0.00	25.91 -2.28 0.00	25.68 -2.79 0.00	26.23 -2.53 0.00	25.89 -2.84 0.00	26.19 -3.07 0.01	29.90 -3.26 -0.24	28.31 -2.97 -0.69	26.21 -3.14 -0.57	25.18 -2.94 -0.68	25.05 -3.16 -0.76	24.46 -3.38 -0.56	23.28 -2.61 -0.59
BETHLHEM_115KV_TB1 79974	36.71 1.40 -7.81	33.27 1.43 -4.37	31.53 1.45 -2.64	31.73 1.45 -2.87	31.01 1.48 -2.03	34.81 1.60 -2.43	46.74 1.76 -8.97	46.27 1.44 -6.86	37.82 1.48 -0.26	33.18 1.46 0.00	30.80 0.90 0.00	30.01 0.90 0.00	29.12 0.93 0.00	29.47 1.00 0.00	29.65 0.89 0.00	29.69 0.95 0.00	30.24 0.97 0.00	35.76 1.09 -1.75	36.18 0.95 -4.65	33.85 0.86 -4.22	33.30 0.88 -4.98	33.89 0.82 -5.63	32.50 1.09 -4.12	30.87 1.24 -4.32
BETHPAGE_CC_5 323564	40.94 2.70 -10.75	38.00 2.61 -7.92	35.52 2.55 -5.53	35.93 2.52 -6.00	37.29 2.56 -7.24	42.16 2.83 -8.55	52.34 3.35 -12.99	54.48 3.80 -12.72	47.93 3.64 -8.20	40.74 3.24 -5.79	35.28 3.08 -2.30	32.05 2.94 0.00	30.95 2.76 0.00	31.35 2.87 0.00	37.51 2.88 -5.88	42.39 2.87 -10.78	47.69 2.93 -15.49	51.30 3.42 -14.95	51.84 3.18 -18.07	51.30 2.96 -19.57	49.55 2.77 -19.34	42.67 2.77 -12.46	37.95 2.68 -7.98	36.49 2.45 -8.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.70 -1.87 -1.08	26.04 -2.03 -0.60	25.58 -2.22 -0.36	25.61 -2.19 -0.40	25.85 -1.92 -0.28	28.90 -2.22 -0.33	34.14 -3.10 -1.23	35.23 -3.68 -0.94	32.65 -3.46 -0.04	29.78 -1.93 0.00	27.87 -2.03 0.00	27.04 -2.07 0.00	26.02 -2.17 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	26.01 -2.73 0.00	26.28 -2.99 0.01	29.87 -3.29 -0.24	28.29 -3.00 -0.70	26.18 -3.16 -0.58	25.13 -2.99 -0.69	25.00 -3.21 -0.77	24.42 -3.44 -0.57	23.24 -2.66 -0.59

BINGHAMTON___COGEN 23790	29.83 0.16 -2.17	28.79 0.11 -1.22	28.20 0.03 -0.73	28.26 0.05 -0.80	28.25 0.19 -0.56	31.67 0.22 -0.68	38.68 0.18 -2.50	39.99 0.11 -1.91	36.23 0.07 -0.07	32.00 0.29 0.00	30.08 0.18 0.00	29.29 0.17 0.00	28.30 0.11 0.00	28.48 0.00 0.00	28.88 0.12 0.00	28.79 0.06 0.00	29.32 0.03 -0.01	33.54 0.13 -0.49	32.16 0.15 -1.42	29.97 0.03 -1.18	28.85 0.03 -1.39	29.01 0.00 -1.57	28.22 -0.22 -1.15	26.40 -0.10 -1.20
BIXINCNT_115KV_LOAD 355685	26.91 -1.73 -1.14	26.24 -1.87 -0.64	25.77 -2.06 -0.39	25.83 -2.00 -0.42	26.11 -1.68 -0.30	29.17 -1.97 -0.36	34.55 -2.77 -1.31	35.74 -3.23 -1.01	33.02 -3.10 -0.04	30.48 -1.24 0.00	28.43 -1.47 0.00	27.39 -1.72 0.00	26.19 -2.00 0.00	25.88 -2.59 0.00	26.20 -2.56 0.00	25.81 -2.93 0.00	25.99 -3.28 0.01	29.17 -4.02 -0.26	27.51 -3.82 -0.75	25.36 -4.03 -0.62	24.36 -3.81 -0.73	24.23 -4.03 -0.82	23.58 -4.31 -0.60	22.44 -3.49 -0.63
BLACK RIVER___HYD 24047	27.87 -0.03 -0.40	27.61 -0.08 -0.22	27.47 -0.11 -0.14	27.50 -0.05 -0.15	27.65 0.06 -0.10	31.09 0.19 -0.12	36.82 0.36 -0.46	38.77 0.46 -0.35	36.35 0.25 -0.01	31.62 -0.09 0.00	29.75 -0.15 0.00	28.99 -0.12 0.00	28.08 -0.11 0.00	28.42 -0.06 0.00	28.85 0.09 0.00	28.85 0.12 0.00	29.48 0.21 0.00	33.34 0.33 -0.09	30.87 0.03 -0.26	28.90 -0.09 -0.22	27.53 -0.16 -0.25	27.59 -0.14 -0.29	27.04 -0.46 -0.21	25.12 -0.41 -0.22
BLACKRVR_115KV_TB2 79977	27.87 -0.03 -0.40	27.61 -0.08 -0.22	27.44 -0.14 -0.14	27.50 -0.05 -0.15	27.65 0.05 -0.10	31.09 0.18 -0.12	36.82 0.36 -0.46	38.77 0.46 -0.35	36.35 0.25 -0.01	31.62 -0.10 0.00	29.75 -0.15 0.00	28.99 -0.12 0.00	28.05 -0.14 0.00	28.42 -0.06 0.00	28.85 0.09 0.00	28.85 0.11 0.00	29.48 0.20 0.00	33.34 0.33 -0.09	30.90 0.06 -0.26	28.90 -0.09 -0.22	27.53 -0.16 -0.25	27.59 -0.14 -0.29	27.04 -0.46 -0.21	25.12 -0.40 -0.22
BLISS_WT_PWR 323608	26.91 -1.73 -1.14	26.24 -1.87 -0.64	25.93 -1.89 -0.39	25.83 -2.00 -0.42	26.11 -1.68 -0.30	29.17 -1.97 -0.36	34.55 -2.77 -1.31	35.74 -3.23 -1.01	32.98 -3.14 -0.04	30.54 -1.17 0.00	28.44 -1.46 0.00	27.28 -1.83 0.00	26.10 -2.09 0.00	25.74 -2.73 0.00	26.03 -2.73 0.00	25.61 -3.13 0.00	25.79 -3.48 0.01	28.87 -4.31 -0.26	27.20 -4.13 -0.75	25.04 -4.34 -0.62	24.05 -4.12 -0.73	23.96 -4.31 -0.82	23.31 -4.58 -0.60	22.19 -3.74 -0.63
BLUESTONE___WT_PWR 323821	31.85 2.03 -2.32	30.72 1.95 -1.30	30.12 1.89 -0.78	30.21 1.95 -0.85	30.30 2.20 -0.60	34.12 2.62 -0.72	41.80 3.13 -2.67	43.35 3.34 -2.04	39.19 3.03 -0.08	34.19 2.48 0.00	32.11 2.21 0.00	31.32 2.21 0.00	30.36 2.17 0.00	30.61 2.14 0.00	31.09 2.33 0.00	31.04 2.30 0.00	31.63 2.34 -0.01	36.15 2.70 -0.52	34.64 2.54 -1.52	32.21 2.19 -1.26	30.95 2.03 -1.48	31.17 2.06 -1.67	30.04 1.53 -1.23	28.08 1.49 -1.29
BLUE_CIRC_CHEM_DRP 24182	36.61 1.43 -7.69	33.17 1.40 -4.30	31.46 1.43 -2.59	31.66 1.43 -2.83	30.92 1.43 -2.00	34.77 1.60 -2.39	46.60 1.76 -8.83	46.35 1.63 -6.76	37.96 1.62 -0.26	33.21 1.49 0.00	31.01 1.11 0.00	30.22 1.11 0.00	29.29 1.10 0.00	29.61 1.14 0.00	29.85 1.09 0.00	29.89 1.15 0.00	30.48 1.20 0.00	36.03 1.38 -1.72	36.61 1.25 -4.77	34.10 1.18 -4.16	33.47 1.13 -4.90	34.10 1.13 -5.54	32.54 1.20 -4.05	30.77 1.21 -4.26
BOC_GAS_DRP 24189	36.44 1.15 -7.79	32.98 1.15 -4.36	31.19 1.13 -2.63	31.42 1.15 -2.86	30.67 1.15 -2.02	34.50 1.29 -2.42	46.42 1.48 -8.94	46.25 1.44 -6.84	37.75 1.41 -0.26	33.02 1.30 0.00	30.95 1.05 0.00	30.13 1.02 0.00	29.20 1.01 0.00	29.53 1.05 0.00	29.74 0.98 0.00	29.77 1.03 0.00	30.33 1.05 0.00	35.92 1.25 -1.75	36.62 1.13 -4.90	34.04 1.06 -4.21	33.42 1.02 -4.96	34.04 0.99 -5.61	32.43 1.04 -4.10	30.60 0.99 -4.31
BOONVILLE_115KV_TB1 79983	28.45 0.71 -0.24	28.29 0.69 -0.13	28.18 0.66 -0.08	28.18 0.69 -0.09	28.35 0.80 -0.06	31.84 0.99 -0.07	37.50 1.22 -0.27	39.46 1.29 -0.21	37.28 1.19 -0.01	32.54 0.82 0.00	30.65 0.75 0.00	29.81 0.70 0.00	28.87 0.68 0.00	29.22 0.74 0.00	29.60 0.83 0.00	29.57 0.83 0.00	30.15 0.88 0.00	34.00 1.02 -0.05	31.47 0.73 -0.16	29.50 0.60 -0.13	28.11 0.52 -0.15	28.13 0.52 -0.17	27.74 0.33 -0.13	25.74 0.30 -0.13
BORALEX_4TH_BRANCH 23824	37.28 2.09 -7.69	33.92 2.14 -4.31	32.15 2.11 -2.60	32.38 2.14 -2.83	31.66 2.17 -2.00	35.64 2.46 -2.39	47.65 2.81 -8.84	47.61 2.89 -6.76	39.15 2.81 -0.26	34.26 2.54 0.00	32.05 2.15 0.00	31.18 2.07 0.00	30.22 2.03 0.00	30.58 2.11 0.00	30.77 2.01 0.00	30.81 2.07 0.00	31.47 2.20 0.00	37.25 2.60 -1.73	39.25 2.42 -6.26	35.20 2.27 -4.16	34.51 2.17 -4.90	35.12 2.14 -5.54	33.45 2.10 -4.06	31.48 1.92 -4.26
BOWLINE___1 23526	35.91 1.98 -6.43	32.99 1.92 -3.60	31.50 1.89 -2.17	31.64 1.86 -2.37	31.09 1.92 -1.67	34.88 2.09 -2.00	45.91 2.52 -7.39	46.50 2.88 -5.65	39.08 2.78 -0.21	34.19 2.48 0.00	32.23 2.33 0.00	31.35 2.24 0.00	30.36 2.17 0.00	30.67 2.19 0.00	30.95 2.18 0.00	30.95 2.21 0.00	31.56 2.29 0.00	37.00 2.64 -1.44	37.26 2.48 -4.21	34.52 2.27 -3.48	33.71 2.17 -4.10	34.27 2.20 -4.64	32.75 2.07 -3.39	30.69 1.82 -3.56
BOWLINE___2 23595	35.88 1.95 -6.44	32.97 1.89 -3.60	31.48 1.87 -2.17	31.61 1.84 -2.37	31.06 1.90 -1.67	34.85 2.06 -2.00	45.88 2.48 -7.39	46.47 2.85 -5.66	39.04 2.74 -0.21	34.16 2.44 0.00	32.23 2.33 0.00	31.35 2.24 0.00	30.33 2.14 0.00	30.67 2.19 0.00	30.92 2.16 0.00	30.95 2.21 0.00	31.53 2.25 0.00	36.97 2.60 -1.44	37.24 2.45 -4.21	34.52 2.27 -3.48	33.68 2.14 -4.10	34.24 2.17 -4.64	32.76 2.07 -3.39	30.69 1.82 -3.56
BRADY___115KV_TB2 356060	27.16 -0.33 0.00	27.16 -0.30 0.00	27.28 -0.16 0.00	27.25 -0.16 0.00	27.22 -0.27 0.00	30.41 -0.37 0.00	35.68 -0.32 0.00	37.74 -0.23 0.00	35.83 -0.25 0.00	31.34 -0.38 0.00	29.75 -0.15 0.00	29.02 -0.09 0.00	28.10 -0.08 0.00	28.48 0.00 0.00	28.76 0.00 0.00	28.71 -0.03 0.00	29.13 -0.15 0.00	32.53 -0.40 0.00	30.15 -0.43 0.00	28.39 -0.37 0.00	27.08 -0.36 0.00	27.08 -0.36 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
BRANSCOMB___SOLAR 323811	37.17 1.73 -7.94	33.65 1.73 -4.45	31.85 1.73 -2.68	32.09 1.76 -2.92	31.29 1.73 -2.06	35.28 2.03 -2.47	47.47 2.34 -9.12	47.26 2.32 -6.98	38.55 2.20 -0.26	33.56 1.84 0.00	31.36 1.46 0.00	30.57 1.45 0.00	29.57 1.38 0.00	29.95 1.48 0.00	30.20 1.44 0.00	30.32 1.58 0.00	31.03 1.76 0.00	36.85 2.14 -1.78	38.67 1.99 -6.11	34.91 1.84 -4.30	34.26 1.76 -5.06	34.89 1.73 -5.72	33.11 1.64 -4.19	31.17 1.47 -4.40
BRENTWOD_69_KV_W. BRTWOOD 56703	41.37 3.13 -10.75	38.44 3.05 -7.92	35.96 2.99 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.10 4.10 -12.99	56.58 4.59 -14.02	48.62 4.33 -8.20	41.31 3.81 -5.79	35.76 3.56 -2.30	32.52 3.41 0.00	31.37 3.19 0.00	31.75 3.27 0.00	38.00 3.37 -5.88	43.69 3.45 -11.50	49.71 3.54 -16.89	53.20 4.08 -16.19	54.47 3.79 -20.10	53.54 3.54 -21.23	51.67 3.35 -20.88	43.36 3.35 -12.57	38.41 3.14 -7.98	36.84 2.81 -8.73

BRISTLHL_115KV_TB1 79998	27.44 -0.69 -0.63	27.05 -0.77 -0.35	26.83 -0.82 -0.21	26.85 -0.79 -0.23	26.94 -0.71 -0.16	30.21 -0.77 -0.20	35.83 -0.90 -0.72	37.53 -0.99 -0.55	35.06 -1.05 -0.02	30.80 -0.92 0.00	28.91 -0.99 0.00	28.18 -0.93 0.00	27.29 -0.90 0.00	27.51 -0.97 0.00	27.90 -0.86 0.00	27.85 -0.89 0.00	28.37 -0.91 0.00	32.21 -0.86 -0.14	30.23 -0.76 -0.41	28.33 -0.78 -0.34	27.10 -0.74 -0.40	27.18 -0.71 -0.45	26.72 -0.90 -0.33	24.87 -0.78 -0.35
BROOKHAVEN___DRP 24191	41.37 3.13 -10.75	38.41 3.02 -7.92	35.96 2.99 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.06 4.07 -12.99	61.44 4.52 -18.96	48.54 4.26 -8.20	41.22 3.71 -5.79	35.67 3.47 -2.30	32.40 3.29 0.00	31.26 3.07 0.00	31.64 3.16 0.00	37.97 3.34 -5.88	46.42 3.42 -14.27	54.11 3.48 -21.35	57.82 3.98 -20.91	61.98 3.64 -27.76	59.71 3.42 -27.52	57.44 3.29 -26.71	43.32 3.29 -12.59	38.41 3.14 -7.98	36.84 2.81 -8.73
BROOKLYN_NAVY_YARD 23515	36.31 2.36 -6.45	33.36 2.28 -3.61	31.84 2.22 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.68 3.38 -7.34	50.46 3.25 -11.13	47.66 2.89 -13.06	37.51 2.69 -4.92	35.16 2.59 -3.46	35.30 2.48 -4.63	35.24 2.53 -4.23	35.21 2.50 -3.95	35.09 2.56 -3.79	44.20 2.60 -12.32	47.92 3.06 -11.93	43.98 2.87 -10.52	43.34 2.64 -11.93	36.87 2.50 -6.94	34.60 2.50 -4.67	33.06 2.35 -3.42	30.95 2.08 -3.57
BROOKLYN___ARMY_DRP 323595	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
BROOKVLE_69_KV_TB1 55790	41.07 2.83 -10.75	38.13 2.75 -7.92	35.66 2.69 -5.53	36.07 2.66 -6.00	37.46 2.72 -7.24	42.35 3.02 -8.55	52.60 3.60 -12.99	54.59 3.91 -12.72	48.22 3.93 -8.20	41.00 3.49 -5.79	35.43 3.23 -2.30	32.20 3.09 0.00	31.09 2.90 0.00	31.49 3.02 0.00	37.66 3.02 -5.88	42.59 3.07 -10.78	47.23 3.02 -14.94	51.43 3.56 -14.95	51.99 3.33 -18.07	51.42 3.08 -19.57	49.66 2.88 -19.34	42.49 2.85 -12.20	38.05 2.78 -7.98	36.51 2.48 -8.73
BROOME_2_LFGE 323671	29.83 0.17 -2.17	28.79 0.11 -1.22	28.26 0.08 -0.73	28.26 0.05 -0.80	28.25 0.19 -0.56	31.68 0.22 -0.68	38.68 0.18 -2.50	39.99 0.11 -1.91	36.19 0.04 -0.07	32.00 0.28 0.00	30.08 0.18 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.48 0.00 0.00	28.88 0.12 0.00	28.79 0.06 0.00	29.32 0.03 -0.01	33.55 0.13 -0.49	32.16 0.15 -1.42	29.97 0.03 -1.18	28.85 0.03 -1.39	29.01 0.00 -1.57	28.22 -0.22 -1.15	26.41 -0.10 -1.20
BROOME___LFGE 323600	29.83 0.17 -2.17	28.79 0.11 -1.22	28.26 0.08 -0.73	28.26 0.05 -0.80	28.25 0.19 -0.56	31.68 0.22 -0.68	38.68 0.18 -2.50	39.99 0.11 -1.91	36.19 0.04 -0.07	32.00 0.28 0.00	30.08 0.18 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.48 0.00 0.00	28.88 0.12 0.00	28.79 0.06 0.00	29.32 0.03 -0.01	33.55 0.13 -0.49	32.16 0.15 -1.42	29.97 0.03 -1.18	28.85 0.03 -1.39	29.01 0.00 -1.57	28.22 -0.22 -1.15	26.41 -0.10 -1.20
BROWNFLS_115KV_TB_3_5 80003	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.07 -0.44 -0.07	27.07 -0.41 -0.07	27.11 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11
BROWNSV1_27_KV_LOAD 356125	36.56 2.61 -6.45	33.61 2.53 -3.61	32.06 2.44 -2.18	32.14 2.36 -2.37	31.64 2.47 -1.67	35.53 2.74 -2.01	46.73 3.31 -7.41	49.06 3.76 -7.34	50.86 3.64 -11.13	48.01 3.24 -13.06	37.84 3.02 -4.92	35.48 2.91 -3.46	35.61 2.79 -4.63	35.56 2.85 -4.23	35.53 2.82 -3.95	35.38 2.84 -3.79	44.52 2.93 -12.32	48.28 3.42 -11.93	44.32 3.21 -10.52	43.68 2.99 -11.93	37.18 2.80 -6.94	34.88 2.77 -4.67	33.33 2.62 -3.42	31.18 2.30 -3.57
BURROWS___LYONSDAL 23803	28.29 0.55 -0.25	28.13 0.52 -0.14	28.02 0.49 -0.08	28.05 0.55 -0.09	28.19 0.63 -0.06	31.66 0.80 -0.08	37.33 1.04 -0.28	39.32 1.14 -0.22	37.07 0.97 -0.01	32.35 0.63 0.00	30.47 0.57 0.00	29.66 0.55 0.00	28.73 0.54 0.00	29.04 0.57 0.00	29.45 0.69 0.00	29.43 0.69 0.00	30.01 0.73 0.00	33.84 0.86 -0.06	31.23 0.49 -0.16	29.27 0.37 -0.13	27.90 0.30 -0.16	27.92 0.30 -0.18	27.50 0.08 -0.13	25.54 0.10 -0.14
CAITHNESS_CC_1 323624	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.68 3.36 -8.55	52.96 3.96 -12.99	61.32 4.44 -18.92	48.43 4.15 -8.20	41.15 3.65 -5.79	35.61 3.41 -2.30	32.37 3.26 0.00	31.21 3.02 0.00	31.58 3.10 0.00	37.91 3.28 -5.88	46.31 3.33 -14.24	54.01 3.42 -21.31	57.74 3.95 -20.86	61.88 3.61 -27.69	59.62 3.39 -27.46	57.33 3.24 -26.66	43.21 3.18 -12.59	38.35 3.08 -7.98	36.77 2.73 -8.73
CALPINE BETH_PAGE_GT4 24209	40.88 2.64 -10.75	37.94 2.55 -7.92	35.47 2.50 -5.53	35.88 2.47 -6.00	37.21 2.47 -7.24	42.07 2.74 -8.55	52.24 3.24 -12.99	54.37 3.68 -12.72	47.86 3.57 -8.20	40.65 3.14 -5.79	35.22 3.02 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.29 2.82 0.00	37.48 2.85 -5.88	42.30 2.79 -10.78	47.49 2.84 -15.38	51.20 3.33 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.50 2.72 -19.34	42.57 2.72 -12.41	37.92 2.65 -7.98	36.41 2.38 -8.73
CALPINE_BETH_PAGE_GT_4 323586	40.88 2.64 -10.75	37.94 2.55 -7.92	35.49 2.52 -5.53	35.88 2.47 -6.00	37.21 2.48 -7.24	42.07 2.74 -8.55	52.24 3.24 -12.99	54.37 3.68 -12.72	47.82 3.54 -8.20	40.65 3.14 -5.79	35.22 3.02 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.29 2.82 0.00	37.49 2.85 -5.88	42.30 2.79 -10.78	47.49 2.84 -15.38	51.23 3.36 -14.95	51.78 3.12 -18.07	51.24 2.90 -19.57	49.50 2.72 -19.34	42.57 2.72 -12.41	37.92 2.65 -7.98	36.41 2.38 -8.73
CALPINE_BP_GT1 23823	40.88 2.64 -10.75	37.94 2.55 -7.92	35.49 2.52 -5.53	35.88 2.47 -6.00	37.21 2.48 -7.24	42.07 2.74 -8.55	52.24 3.24 -12.99	54.37 3.68 -12.72	47.82 3.54 -8.20	40.65 3.14 -5.79	35.22 3.02 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.29 2.82 0.00	37.49 2.85 -5.88	42.30 2.79 -10.78	47.49 2.84 -15.38	51.23 3.36 -14.95	51.78 3.12 -18.07	51.24 2.90 -19.57	49.50 2.72 -19.34	42.57 2.72 -12.41	37.92 2.65 -7.98	36.41 2.38 -8.73
CALSPAN___DRP 24200	26.69 -1.87 -1.06	26.06 -2.01 -0.59	25.58 -2.22 -0.36	25.64 -2.17 -0.39	25.84 -1.92 -0.28	28.90 -2.22 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.62 -2.09 0.00	27.72 -2.18 0.00	26.93 -2.18 0.00	25.91 -2.28 0.00	25.68 -2.53 0.00	26.23 -2.84 0.00	25.89 -3.07 0.01	26.19 -3.26 -0.24	29.90 -2.97 -0.69	28.31 -3.14 -0.57	26.21 -2.94 -0.68	25.18 -3.16 -0.76	25.05 -3.38 -0.56	24.46 -2.61 -0.59	23.28 -2.61 -0.59

CALVERTON___SOLAR 323806	41.45 3.22 -10.75	38.52 3.13 -7.92	36.04 3.07 -5.53	36.46 3.04 -6.00	37.89 3.16 -7.24	42.87 3.54 -8.55	53.21 4.21 -12.99	61.62 4.67 -18.99	48.65 4.36 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.49 3.38 0.00	31.35 3.16 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.52 3.50 -14.28	54.25 3.60 -21.37	58.04 4.18 -20.93	62.17 3.79 -27.80	59.88 3.57 -27.55	57.58 3.40 -26.74	43.37 3.35 -12.59	38.49 3.22 -7.98	36.91 2.88 -8.73
CANDIGU_WT_PWR 323617	29.41 0.22 -1.70	28.58 0.17 -0.95	28.15 0.14 -0.57	28.17 0.14 -0.62	28.29 0.36 -0.44	31.77 0.46 -0.53	38.35 0.40 -1.95	39.76 0.30 -1.49	36.25 0.11 -0.06	32.32 0.60 0.00	30.29 0.39 0.00	29.40 0.29 0.00	28.36 0.17 0.00	28.36 -0.11 0.00	28.79 0.03 0.00	28.57 -0.17 0.00	29.04 -0.26 -0.02	33.08 -0.23 -0.38	31.51 -0.18 -1.11	29.31 -0.37 -0.92	28.16 -0.36 -1.08	28.22 -0.44 -1.22	27.34 -0.85 -0.89	25.61 -0.63 -0.94
CARR STREET_E_SYR 24060	27.54 -0.66 -0.70	27.15 -0.71 -0.39	26.94 -0.74 -0.24	26.93 -0.74 -0.26	27.02 -0.66 -0.18	30.32 -0.68 -0.22	35.99 -0.83 -0.81	37.67 -0.91 -0.62	35.17 -0.94 -0.02	30.93 -0.79 0.00	29.03 -0.87 0.00	28.27 -0.85 0.00	27.40 -0.79 0.00	27.59 -0.88 0.00	27.99 -0.78 0.00	27.93 -0.80 0.00	28.43 -0.85 0.00	32.33 -0.76 -0.16	30.37 -0.67 -0.46	28.54 -0.61 -0.38	27.37 -0.52 -0.45	27.42 -0.52 -0.51	26.98 -0.68 -0.37	25.11 -0.58 -0.39
CARTHAGE___PAPER 23857	27.71 -0.14 -0.35	27.47 -0.19 -0.20	27.37 -0.19 -0.12	27.43 -0.11 -0.13	27.53 -0.05 -0.09	30.96 0.06 -0.11	36.67 0.25 -0.41	38.62 0.34 -0.31	36.24 0.14 -0.01	31.53 -0.19 0.00	29.72 -0.18 0.00	28.94 -0.17 0.00	28.02 -0.17 0.00	28.39 -0.09 0.00	28.73 -0.03 0.00	28.77 0.03 0.00	29.36 0.09 0.00	33.17 0.17 -0.08	30.63 -0.18 -0.23	28.67 -0.29 -0.19	27.31 -0.36 -0.23	27.37 -0.33 -0.26	26.90 -0.57 -0.19	24.97 -0.53 -0.20
CASSADAGA_WT_PWR 323784	27.44 -1.18 -1.13	26.81 -1.29 -0.63	26.50 -1.32 -0.38	26.37 -1.45 -0.41	26.61 -1.18 -0.29	29.75 -1.38 -0.35	35.18 -2.12 -1.29	36.26 -2.69 -0.99	33.31 -2.81 -0.04	30.26 -1.46 0.00	28.05 -1.85 0.00	26.87 -2.24 0.00	25.74 -2.45 0.00	25.37 -3.10 0.00	25.94 -2.82 0.00	25.58 -3.16 0.00	25.90 -3.37 0.01	29.42 -3.75 -0.25	27.62 -3.70 -0.74	25.38 -4.00 -0.61	24.40 -3.76 -0.72	24.25 -4.01 -0.81	23.60 -4.28 -0.59	22.74 -3.19 -0.62
CE_DUNWOOD___DRP 24194	36.03 2.09 -6.44	33.11 2.03 -3.61	31.59 1.98 -2.18	31.73 1.95 -2.37	31.20 2.03 -1.67	35.00 2.22 -2.00	46.07 2.66 -7.40	46.66 3.04 -5.66	39.26 2.96 -0.21	34.35 2.63 0.00	32.32 2.42 0.00	31.44 2.33 0.00	30.44 2.26 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.04 2.30 0.00	31.65 2.37 0.00	37.14 2.77 -1.45	37.40 2.60 -4.21	34.67 2.42 -3.48	33.80 2.25 -4.11	34.33 2.25 -4.64	32.79 2.10 -3.40	30.72 1.85 -3.57
CE_MILLWOOD___DRP 24193	35.94 2.03 -6.41	33.04 1.98 -3.59	31.53 1.92 -2.16	31.66 1.89 -2.36	31.11 1.95 -1.66	34.93 2.15 -1.99	45.93 2.56 -7.37	46.56 2.96 -5.64	39.15 2.85 -0.21	34.26 2.54 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.06 2.70 -1.44	37.28 2.51 -4.19	34.57 2.33 -3.47	33.72 2.20 -4.09	34.26 2.20 -4.62	32.72 2.05 -3.38	30.65 1.80 -3.55
CE_NYC2_DRP 24202	36.40 2.45 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.55 3.13 -7.41	48.81 3.49 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.12 3.16 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.05 2.18 -3.57
CE_NYC_DRP 24195	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.67 3.38 -7.33	50.47 3.28 -11.10	47.66 2.92 -13.02	37.53 2.72 -4.91	35.18 2.62 -3.45	35.31 2.51 -4.62	35.26 2.56 -4.22	35.23 2.53 -3.94	35.11 2.59 -3.78	44.20 2.63 -12.28	47.89 3.06 -11.90	43.96 2.87 -10.51	43.32 2.65 -11.90	36.87 2.50 -6.93	34.60 2.50 -4.67	33.05 2.35 -3.42	30.95 2.07 -3.57
CHAFFEE___LFGE 323603	26.73 -1.87 -1.10	26.05 -2.03 -0.62	25.75 -2.06 -0.37	25.62 -2.19 -0.41	25.85 -1.93 -0.29	28.91 -2.22 -0.34	34.17 -3.10 -1.27	35.21 -3.72 -0.97	32.62 -3.50 -0.04	29.78 -1.94 0.00	27.81 -2.09 0.00	26.93 -2.18 0.00	25.99 -2.20 0.00	25.77 -2.71 0.00	26.32 -2.44 0.00	26.01 -2.73 0.00	26.31 -2.96 0.01	29.98 -3.19 -0.25	28.40 -2.91 -0.72	26.29 -3.08 -0.60	25.21 -2.94 -0.70	25.11 -3.13 -0.79	24.51 -3.36 -0.58	23.31 -2.61 -0.61
CHATEAUG_35_KV_LOAD 355732	26.86 -0.63 0.00	26.92 -0.55 0.00	27.11 -0.33 0.00	27.14 -0.27 0.00	27.16 -0.33 0.00	30.44 -0.34 0.00	35.79 -0.22 0.00	37.77 -0.19 0.00	35.94 -0.14 0.00	31.65 -0.06 0.00	30.02 0.12 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.65 0.17 0.00	28.93 0.17 0.00	28.91 0.17 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.36 -0.40 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
CHATEAUG_WT_PWR 323614	26.81 -0.69 0.00	26.89 -0.58 0.00	27.06 -0.38 0.00	27.14 -0.27 0.00	27.17 -0.33 0.00	30.45 -0.34 0.00	35.79 -0.21 0.00	37.77 -0.19 0.00	35.97 -0.11 0.00	31.69 -0.03 0.00	30.08 0.18 0.00	29.32 0.21 0.00	28.36 0.17 0.00	28.73 0.26 0.00	28.99 0.23 0.00	28.94 0.20 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.34 -0.43 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	26.86 -0.63 0.00	26.92 -0.55 0.00	27.11 -0.33 0.00	27.14 -0.27 0.00	27.16 -0.33 0.00	30.44 -0.34 0.00	35.79 -0.22 0.00	37.77 -0.19 0.00	35.94 -0.14 0.00	31.65 -0.06 0.00	30.02 0.12 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.65 0.17 0.00	28.93 0.17 0.00	28.91 0.17 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.36 -0.40 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
CHAUTAUQUA___LFGE 323629	27.22 -1.37 -1.10	26.57 -1.51 -0.61	26.27 -1.54 -0.37	26.14 -1.67 -0.40	26.38 -1.40 -0.28	29.49 -1.63 -0.34	34.82 -2.45 -1.26	35.89 -3.04 -0.96	33.09 -3.03 -0.04	30.04 -1.68 0.00	28.02 -1.88 0.00	27.04 -2.07 0.00	26.02 -2.17 0.00	25.74 -2.73 0.00	26.26 -2.50 0.00	25.92 -2.82 0.00	26.28 -2.99 0.01	30.01 -3.16 -0.25	28.33 -2.97 -0.72	26.17 -3.19 -0.59	25.12 -3.02 -0.70	24.99 -3.24 -0.79	24.38 -3.49 -0.58	23.28 -2.63 -0.61
CHERRYST_13_KV_LD 356241	36.37 2.42 -6.45	33.42 2.33 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.31 2.52 -2.01	46.51 3.10 -7.41	48.83 3.53 -7.33	50.58 3.39 -11.10	47.75 3.01 -13.02	37.62 2.81 -4.91	35.27 2.71 -3.45	35.43 2.62 -4.62	35.35 2.65 -4.22	35.34 2.65 -3.94	35.19 2.67 -3.78	44.28 2.72 -12.28	48.02 3.19 -11.90	44.06 2.97 -10.51	43.43 2.76 -11.90	36.95 2.58 -6.93	34.68 2.58 -4.67	33.14 2.43 -3.42	31.00 2.13 -3.57

CHESTROR_138KV_BK263 355645	34.94 1.57 -5.88	32.27 1.51 -3.29	30.91 1.48 -1.99	31.05 1.48 -2.16	30.56 1.54 -1.53	34.30 1.69 -1.83	44.78 2.02 -6.75	45.37 2.24 -5.17	38.44 2.16 -0.20	33.59 1.87 0.00	31.66 1.76 0.00	30.80 1.69 0.00	29.82 1.63 0.00	30.13 1.65 0.00	30.37 1.61 0.00	30.40 1.67 0.00	31.00 1.73 0.00	36.32 2.07 -1.32	36.39 1.96 -3.85	33.73 1.78 -3.18	32.86 1.67 -3.75	33.35 1.67 -4.24	31.92 1.53 -3.10	29.92 1.37 -3.26
CH_MIDHUDSON___DRP 24192	36.05 2.03 -6.52	33.10 1.98 -3.65	31.59 1.95 -2.20	31.73 1.92 -2.40	31.17 1.98 -1.69	34.99 2.19 -2.03	46.12 2.63 -7.49	46.62 2.92 -5.73	39.11 2.81 -0.22	34.16 2.44 0.00	32.11 2.21 0.00	31.24 2.13 0.00	30.25 2.06 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.89 2.16 0.00	31.47 2.20 0.00	36.96 2.57 -1.46	37.26 2.42 -4.26	34.51 2.22 -3.53	33.68 2.09 -4.16	34.22 2.09 -4.70	32.66 1.94 -3.44	30.63 1.72 -3.61
CH_MISC_IPPS 23765	36.04 2.15 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.66 3.07 -5.62	39.15 2.85 -0.21	34.19 2.48 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.29 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.68 2.17 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54
CH_RES_BVR_FALLS 23983	27.05 -0.44 0.00	27.08 -0.38 0.00	27.11 -0.33 0.00	27.11 -0.30 0.00	27.14 -0.36 0.00	30.38 -0.40 0.00	35.57 -0.43 0.00	37.55 -0.42 0.00	35.69 -0.40 0.00	31.34 -0.38 0.00	29.66 -0.24 0.00	28.88 -0.23 0.00	27.96 -0.23 0.00	28.25 -0.23 0.00	28.47 -0.29 0.00	28.39 -0.34 0.00	28.81 -0.47 0.00	32.17 -0.76 0.00	29.73 -0.86 0.00	27.93 -0.84 0.00	26.59 -0.85 0.00	26.62 -0.82 0.00	26.61 -0.68 0.00	24.67 -0.63 0.00
CH_RES_NIAGARA 23895	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.25 -2.52 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	33.98 -4.86 -0.88	31.60 -4.51 -0.03	28.32 -3.39 0.00	26.43 -3.47 0.00	25.68 -3.44 0.00	24.81 -3.38 0.00	24.60 -3.87 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.26 -4.01 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.63 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.93 -0.53
CH_RES_SYRACUSE 23985	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.32 -0.38 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.23 -0.42 -0.68	35.60 -0.51 -0.03	31.30 -0.41 0.00	29.39 -0.51 0.00	28.62 -0.50 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.70 -0.30 -0.56	27.23 -0.46 -0.41	25.32 -0.41 -0.43
CLINTON_WT_PWR 323605	26.81 -0.69 0.00	26.89 -0.58 0.00	27.06 -0.38 0.00	27.14 -0.27 0.00	27.17 -0.33 0.00	30.45 -0.34 0.00	35.79 -0.21 0.00	37.77 -0.19 0.00	35.97 -0.11 0.00	31.69 -0.03 0.00	30.08 0.18 0.00	29.32 0.21 0.00	28.36 0.17 0.00	28.73 0.26 0.00	28.99 0.23 0.00	28.94 0.20 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.34 -0.43 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
CLINTON___LFGE 323618	27.27 -0.22 0.00	27.30 -0.16 0.00	27.52 0.08 0.00	27.58 0.17 0.00	27.66 0.17 0.00	31.00 0.22 0.00	36.47 0.47 0.00	38.49 0.53 0.00	36.62 0.54 0.00	32.26 0.54 0.00	30.56 0.66 0.00	29.78 0.67 0.00	28.81 0.62 0.00	29.19 0.71 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.89 0.62 0.00	33.32 0.40 0.00	30.74 0.15 0.00	28.85 0.09 0.00	27.44 0.00 0.00	27.41 -0.03 0.00	27.45 0.16 0.00	25.46 0.15 0.00
COBBLENY_34_KV_TB1 80064	26.73 -1.87 -1.10	26.05 -2.03 -0.62	25.56 -2.25 -0.37	25.62 -2.19 -0.41	25.86 -1.92 -0.29	28.91 -2.22 -0.34	34.17 -3.10 -1.27	35.25 -3.68 -0.97	32.66 -3.46 -0.04	29.75 -1.97 0.00	27.84 -2.06 0.00	27.01 -2.10 0.00	26.02 -2.17 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	26.01 -2.73 0.00	26.31 -2.96 0.01	29.98 -3.19 -0.25	28.40 -2.91 -0.72	26.29 -3.08 -0.60	25.23 -2.91 -0.70	25.11 -3.13 -0.79	24.51 -3.36 -0.58	23.31 -2.61 -0.61
COFFEEN___115KV_TB3 355620	28.07 0.16 -0.41	27.78 0.08 -0.23	27.63 0.05 -0.14	27.70 0.14 -0.15	27.87 0.27 -0.11	31.34 0.43 -0.13	37.16 0.68 -0.47	39.08 0.76 -0.36	36.60 0.51 -0.01	31.81 0.10 0.00	29.93 0.03 0.00	29.17 0.06 0.00	28.22 0.03 0.00	28.59 0.11 0.00	29.02 0.26 0.00	29.05 0.32 0.00	29.72 0.44 0.00	33.61 0.59 -0.09	31.19 0.34 -0.27	29.16 0.17 -0.22	27.78 0.08 -0.26	27.82 0.08 -0.29	27.23 -0.27 -0.22	25.30 -0.23 -0.23
COLDSPRG_115KV_BK1 355956	27.43 -1.24 -1.17	26.75 -1.37 -0.66	26.27 -1.56 -0.40	26.31 -1.53 -0.43	26.59 -1.21 -0.30	29.73 -1.42 -0.36	35.26 -2.09 -1.35	36.49 -2.51 -1.03	33.63 -2.49 -0.04	30.89 -0.82 0.00	28.85 -1.05 0.00	27.86 -1.25 0.00	26.72 -1.47 0.00	26.45 -2.02 0.00	26.98 -1.78 0.00	26.61 -2.13 0.00	26.87 -2.40 0.00	30.29 -2.90 -0.26	28.60 -2.75 -0.77	26.35 -3.05 -0.63	25.31 -2.88 -0.75	25.16 -3.13 -0.85	24.44 -3.47 -0.62	23.34 -2.61 -0.65
COLONIE_LFGE___ 323577	37.12 1.81 -7.81	33.68 1.84 -4.37	31.91 1.84 -2.64	32.12 1.84 -2.87	31.39 1.87 -2.03	35.33 2.12 -2.43	47.39 2.41 -8.97	47.18 2.35 -6.86	38.65 2.31 -0.26	33.78 2.06 0.00	31.57 1.67 0.00	30.74 1.63 0.00	29.80 1.61 0.00	30.15 1.68 0.00	30.34 1.58 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.79 2.11 -1.75	39.14 1.96 -6.60	34.83 1.84 -4.22	34.15 1.73 -4.98	34.77 1.70 -5.63	33.13 1.72 -4.12	31.25 1.62 -4.32
COOPERNY_115KV_TB1 80082	33.51 1.21 -4.81	31.31 1.15 -2.69	30.19 1.13 -1.62	30.30 1.12 -1.77	29.92 1.18 -1.25	33.57 1.29 -1.49	43.07 1.55 -5.52	43.90 1.71 -4.22	37.90 1.66 -0.16	33.18 1.46 0.00	31.25 1.35 0.00	30.42 1.31 0.00	29.46 1.27 0.00	29.76 1.28 0.00	30.00 1.24 0.00	30.00 1.26 0.00	30.59 1.32 0.00	35.62 1.61 -1.08	35.22 1.50 -3.14	32.75 1.38 -2.60	31.79 1.29 -3.06	32.19 1.29 -3.46	31.00 1.17 -2.53	29.00 1.04 -2.66
COPENHAGEN_WT_PWR 323753	27.81 -0.11 -0.42	27.54 -0.16 -0.24	27.39 -0.19 -0.14	27.46 -0.11 -0.16	27.58 -0.03 -0.11	31.01 0.09 -0.13	36.74 0.25 -0.48	38.64 0.30 -0.37	36.21 0.11 -0.01	31.53 -0.19 0.00	29.66 -0.24 0.00	28.91 -0.20 0.00	27.99 -0.20 0.00	28.33 -0.14 0.00	28.73 -0.03 0.00	28.74 0.00 0.00	29.36 0.09 0.00	33.22 0.20 -0.09	30.83 -0.03 -0.28	28.82 -0.17 -0.23	27.49 -0.22 -0.27	27.55 -0.19 -0.30	26.99 -0.52 -0.22	25.08 -0.45 -0.23
CORNELL_____ 23752	29.68 0.63 -1.56	28.89 0.55 -0.87	28.46 0.49 -0.53	28.53 0.55 -0.57	28.59 0.69 -0.40	32.13 0.86 -0.48	38.77 0.97 -1.79	40.36 1.03 -1.37	36.96 0.83 -0.05	32.42 0.70 0.00	30.41 0.51 0.00	29.63 0.52 0.00	28.70 0.51 0.00	28.87 0.40 0.00	29.31 0.55 0.00	29.28 0.55 0.00	29.88 0.59 -0.02	34.10 0.82 -0.35	32.40 0.80 -1.02	30.27 0.66 -0.84	29.06 0.63 -0.99	29.19 0.63 -1.12	28.44 0.33 -0.82	26.49 0.33 -0.86

CORONA__69_KV_TB1 355595	40.93 2.69 -10.75	38.00 2.61 -7.92	35.52 2.55 -5.53	35.93 2.52 -6.00	37.35 2.61 -7.24	42.19 2.86 -8.55	52.38 3.38 -12.99	54.52 3.83 -12.72	47.97 3.68 -8.20	40.81 3.30 -5.79	35.25 3.05 -2.30	32.05 2.94 0.00	30.98 2.79 0.00	31.35 2.88 0.00	37.48 2.85 -5.88	42.39 2.87 -10.78	46.73 2.96 -14.49	51.36 3.49 -14.95	51.93 3.27 -18.07	51.36 3.02 -19.57	49.61 2.83 -19.34	42.25 2.83 -11.99	37.92 2.65 -7.98	36.38 2.35 -8.73
CORTLAND__115KV_TB3 80093	29.12 0.36 -1.27	28.45 0.27 -0.71	28.09 0.22 -0.43	28.12 0.25 -0.47	28.21 0.38 -0.33	31.67 0.49 -0.39	38.00 0.54 -1.46	39.61 0.53 -1.11	36.56 0.43 -0.04	32.10 0.38 0.00	30.17 0.27 0.00	29.37 0.26 0.00	28.42 0.23 0.00	28.65 0.17 0.00	29.05 0.29 0.00	29.00 0.26 0.00	29.55 0.26 -0.01	33.67 0.46 -0.28	31.84 0.43 -0.83	29.80 0.35 -0.69	28.58 0.33 -0.81	28.68 0.33 -0.91	28.04 0.08 -0.67	26.13 0.13 -0.70
COXSACKIE__GT 23611	37.48 2.58 -7.41	34.11 2.50 -4.15	32.46 2.52 -2.50	32.74 2.61 -2.72	31.92 2.50 -1.92	36.04 2.96 -2.30	47.96 3.46 -8.50	47.58 3.11 -6.51	39.25 2.92 -0.25	34.13 2.41 0.00	31.54 1.64 0.00	30.71 1.60 0.00	29.74 1.55 0.00	30.13 1.65 0.00	30.49 1.73 0.00	30.72 1.98 0.00	31.41 2.14 0.00	36.83 2.24 -1.66	37.40 2.23 -4.59	34.58 1.81 -4.00	33.89 1.73 -4.72	34.50 1.73 -5.33	32.97 1.77 -3.90	31.32 1.92 -4.10
CPV_VALLEY__CC1 323721	34.34 1.35 -5.50	31.84 1.29 -3.08	30.59 1.29 -1.86	30.70 1.26 -2.02	30.24 1.32 -1.43	33.91 1.42 -1.71	44.02 1.69 -6.32	44.73 1.94 -4.84	38.10 1.84 -0.18	33.37 1.65 0.00	31.42 1.52 0.00	30.57 1.45 0.00	29.63 1.44 0.00	29.93 1.45 0.00	30.17 1.41 0.00	30.17 1.44 0.00	30.77 1.49 0.00	35.97 1.81 -1.23	35.86 1.68 -3.60	33.30 1.55 -2.98	32.40 1.45 -3.51	32.86 1.45 -3.96	31.50 1.31 -2.90	29.54 1.19 -3.05
CPV_VALLEY__CC2 323722	34.34 1.35 -5.50	31.84 1.29 -3.08	30.59 1.29 -1.86	30.70 1.26 -2.02	30.24 1.32 -1.43	33.91 1.42 -1.71	44.02 1.69 -6.32	44.73 1.94 -4.84	38.10 1.84 -0.18	33.37 1.65 0.00	31.42 1.52 0.00	30.57 1.45 0.00	29.63 1.44 0.00	29.93 1.45 0.00	30.17 1.41 0.00	30.17 1.44 0.00	30.77 1.49 0.00	35.97 1.81 -1.23	35.86 1.68 -3.60	33.30 1.55 -2.98	32.40 1.45 -3.51	32.86 1.45 -3.96	31.50 1.31 -2.90	29.54 1.19 -3.05
CRESCENT__HYD 24018	37.12 1.81 -7.81	33.68 1.84 -4.37	31.91 1.84 -2.64	32.12 1.84 -2.87	31.39 1.87 -2.03	35.33 2.12 -2.43	47.39 2.41 -8.97	47.18 2.35 -6.86	38.65 2.31 -0.26	33.78 2.06 0.00	31.57 1.67 0.00	30.74 1.63 0.00	29.80 1.61 0.00	30.15 1.68 0.00	30.34 1.58 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.79 2.11 -1.75	39.14 1.96 -6.60	34.83 1.84 -4.22	34.15 1.73 -4.98	34.77 1.70 -5.63	33.13 1.72 -4.12	31.25 1.62 -4.32
CRICKET__VALLEY_CC1 323756	36.12 1.90 -6.73	33.13 1.89 -3.77	31.58 1.87 -2.27	31.72 1.84 -2.48	31.14 1.90 -1.75	34.97 2.09 -2.09	46.19 2.45 -7.73	46.62 2.73 -5.92	38.94 2.63 -0.22	34.10 2.38 0.00	32.02 2.12 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.53 2.05 0.00	30.77 2.01 0.00	30.81 2.07 0.00	31.36 2.08 0.00	36.84 2.40 -1.51	37.29 2.23 -4.48	34.51 2.10 -3.64	33.71 1.98 -4.29	34.27 1.98 -4.85	32.72 1.88 -3.55	30.70 1.67 -3.73
CRICKET__VALLEY_CC2 323757	36.12 1.90 -6.73	33.13 1.89 -3.77	31.58 1.87 -2.27	31.72 1.84 -2.48	31.14 1.90 -1.75	34.97 2.09 -2.09	46.19 2.45 -7.73	46.62 2.73 -5.92	38.94 2.63 -0.22	34.10 2.38 0.00	32.02 2.12 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.53 2.05 0.00	30.77 2.01 0.00	30.81 2.07 0.00	31.36 2.08 0.00	36.84 2.40 -1.51	37.29 2.23 -4.48	34.51 2.10 -3.64	33.71 1.98 -4.29	34.27 1.98 -4.85	32.72 1.88 -3.55	30.70 1.67 -3.73
CRICKET__VALLEY_CC3 323758	36.12 1.90 -6.73	33.13 1.89 -3.77	31.58 1.87 -2.27	31.72 1.84 -2.48	31.14 1.90 -1.75	34.97 2.09 -2.09	46.19 2.45 -7.73	46.62 2.73 -5.92	38.94 2.63 -0.22	34.10 2.38 0.00	32.02 2.12 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.53 2.05 0.00	30.77 2.01 0.00	30.81 2.07 0.00	31.36 2.08 0.00	36.84 2.40 -1.51	37.29 2.23 -4.48	34.51 2.10 -3.64	33.71 1.98 -4.29	34.27 1.98 -4.85	32.72 1.88 -3.55	30.70 1.67 -3.73
CRUCIBLE__METL_DRP 24180	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43
DAHOWA__HYDRO 323763	37.17 1.71 -7.97	33.61 1.68 -4.46	31.81 1.67 -2.69	32.07 1.73 -2.93	31.27 1.71 -2.07	35.26 2.00 -2.48	47.47 2.31 -9.16	47.28 2.32 -7.01	38.55 2.20 -0.27	33.52 1.81 0.00	31.33 1.44 0.00	30.51 1.40 0.00	29.54 1.35 0.00	29.90 1.42 0.00	30.17 1.41 0.00	30.29 1.55 0.00	31.00 1.73 0.00	36.82 2.11 -1.79	38.59 1.99 -6.02	34.92 1.84 -4.31	34.28 1.76 -5.08	34.89 1.70 -5.74	33.07 1.58 -4.20	31.13 1.42 -4.41
DANC__LFGE 323619	27.64 -0.36 -0.50	27.34 -0.41 -0.28	27.20 -0.41 -0.17	27.21 -0.38 -0.18	27.32 -0.30 -0.13	30.63 -0.31 -0.16	36.33 -0.25 -0.57	38.14 -0.26 -0.44	35.70 -0.40 -0.02	31.21 -0.51 0.00	29.36 -0.54 0.00	28.62 -0.50 0.00	27.71 -0.48 0.00	28.02 -0.46 0.00	28.39 -0.37 0.00	28.36 -0.37 0.00	28.93 -0.35 0.00	32.81 -0.23 -0.11	30.54 -0.37 -0.33	28.61 -0.43 -0.27	27.29 -0.47 -0.32	27.39 -0.41 -0.36	26.90 -0.66 -0.26	25.00 -0.58 -0.28
DANSKAMMER__1 23586	36.04 2.15 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.66 3.07 -5.62	39.15 2.85 -0.21	34.19 2.48 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.29 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.68 2.17 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54
DANSKAMMER__2 23589	36.04 2.15 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.66 3.07 -5.62	39.15 2.85 -0.21	34.19 2.48 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.29 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.68 2.17 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54
DANSKAMMER__3 23590	36.04 2.15 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.66 3.07 -5.62	39.15 2.85 -0.21	34.19 2.48 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.29 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.68 2.17 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54

DANSKAMMER___4 23591	36.04 2.15 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.66 3.07 -5.62	39.15 2.85 -0.21	34.19 2.48 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.29 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.68 2.17 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54
DANSKAMMER___DIESEL 23592	36.04 2.14 -6.40	33.11 2.06 -3.58	31.63 2.03 -2.16	31.79 2.03 -2.35	31.22 2.06 -1.66	35.08 2.31 -1.99	46.09 2.74 -7.35	46.62 3.04 -5.62	39.18 2.89 -0.21	34.19 2.47 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.58 2.11 0.00	30.86 2.10 0.00	30.92 2.18 0.00	31.56 2.28 0.00	37.03 2.67 -1.43	37.30 2.54 -4.18	34.53 2.30 -3.46	33.66 2.14 -4.08	34.22 2.17 -4.61	32.65 1.99 -3.37	30.61 1.77 -3.54
DARBY___SOLAR 323810	37.14 1.71 -7.95	33.59 1.68 -4.45	31.82 1.70 -2.68	32.06 1.73 -2.92	31.26 1.71 -2.06	35.25 2.00 -2.47	47.43 2.31 -9.12	47.22 2.28 -6.98	38.58 2.24 -0.26	33.56 1.84 0.00	31.39 1.49 0.00	30.57 1.45 0.00	29.60 1.41 0.00	29.95 1.48 0.00	30.20 1.44 0.00	30.32 1.58 0.00	31.00 1.73 0.00	36.82 2.11 -1.78	38.67 1.99 -6.10	34.88 1.81 -4.30	34.23 1.73 -5.06	34.87 1.70 -5.72	33.09 1.61 -4.19	31.14 1.44 -4.40
DASHVILLE___HYD 23610	35.52 1.46 -6.57	32.52 1.37 -3.68	30.98 1.32 -2.22	31.14 1.32 -2.42	30.57 1.37 -1.71	34.33 1.51 -2.04	45.43 1.87 -7.55	45.94 2.20 -5.78	38.61 2.31 -0.22	33.81 2.09 0.00	31.84 1.94 0.00	30.97 1.86 0.00	29.94 1.75 0.00	30.27 1.79 0.00	30.54 1.78 0.00	30.60 1.87 0.00	31.21 1.93 0.00	36.38 1.98 -1.47	36.87 1.99 -4.30	33.99 1.67 -3.55	33.19 1.56 -4.19	33.77 1.59 -4.74	32.15 1.39 -3.47	30.10 1.16 -3.64
DEERFIELD_69_KV_DEERFIELD LD 355887	41.84 3.60 -10.75	38.90 3.52 -7.92	36.45 3.48 -5.53	36.87 3.45 -6.00	38.31 3.57 -7.24	43.33 4.00 -8.55	53.78 4.79 -12.99	62.29 5.31 -19.01	49.23 4.94 -8.20	41.82 4.31 -5.79	36.21 4.01 -2.30	32.90 3.78 0.00	31.71 3.52 0.00	32.15 3.67 0.00	38.55 3.91 -5.88	47.05 4.02 -14.29	54.80 4.13 -21.39	58.65 4.77 -20.95	62.76 4.34 -27.83	60.40 4.06 -27.58	58.05 3.84 -26.77	43.87 3.84 -12.59	38.90 3.63 -7.98	37.27 3.24 -8.73
DELAWARE___LFGE 323621	31.51 1.18 -2.83	30.21 1.15 -1.59	29.49 1.10 -0.96	29.58 1.12 -1.04	29.47 1.24 -0.74	33.08 1.42 -0.88	40.91 1.66 -3.25	42.12 1.67 -2.49	37.76 1.59 -0.09	33.08 1.36 0.00	31.16 1.26 0.00	30.30 1.19 0.00	29.35 1.16 0.00	29.64 1.17 0.00	29.97 1.21 0.00	29.94 1.21 0.00	30.63 1.35 -0.01	35.14 1.58 -0.64	33.93 1.50 -1.85	31.62 1.32 -1.53	30.48 1.23 -1.81	30.72 1.23 -2.04	29.79 1.01 -1.49	27.83 0.96 -1.57
DERFIELD_115KV_TB7 355931	27.82 0.33 0.00	27.80 0.33 0.00	27.74 0.30 0.00	27.74 0.33 0.00	27.85 0.36 0.00	31.18 0.40 0.00	36.47 0.47 0.00	38.46 0.49 0.00	36.55 0.47 0.00	32.13 0.41 0.00	30.23 0.33 0.00	29.43 0.32 0.00	28.50 0.31 0.00	28.79 0.31 0.00	29.08 0.32 0.00	29.05 0.32 0.00	29.63 0.35 0.00	33.32 0.40 0.00	30.95 0.37 0.00	29.08 0.32 0.00	27.74 0.30 0.00	27.74 0.30 0.00	27.54 0.25 0.00	25.56 0.25 0.00
DOGLEVILLE___HYD 23807	28.32 0.82 0.00	28.35 0.88 0.00	28.37 0.93 0.00	28.40 0.99 0.00	28.60 1.10 0.00	32.08 1.29 0.00	37.45 1.44 0.00	39.56 1.59 0.00	37.63 1.55 0.00	33.05 1.33 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.67 1.20 0.00	29.97 1.21 0.00	29.86 1.12 0.00	30.21 0.94 0.00	33.85 0.92 0.00	31.38 0.79 0.00	29.49 0.72 0.00	28.10 0.66 0.00	28.24 0.80 0.00	28.05 0.76 0.00	26.04 0.73 0.00
DUNKIRK___115KV_TB_200 55889	27.16 -1.43 -1.10	26.51 -1.57 -0.61	26.05 -1.76 -0.37	26.09 -1.73 -0.40	26.32 -1.46 -0.28	29.43 -1.69 -0.34	34.78 -2.48 -1.26	35.85 -3.08 -0.96	33.09 -3.03 -0.04	30.01 -1.71 0.00	28.05 -1.85 0.00	27.13 -1.98 0.00	26.05 -2.14 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	25.98 -2.76 0.00	26.31 -2.96 0.01	30.08 -3.10 -0.25	28.42 -2.87 -0.72	26.25 -3.11 -0.59	25.20 -2.94 -0.70	25.07 -3.16 -0.79	24.46 -3.41 -0.58	23.33 -2.58 -0.60
DUNKIRK___1 23563	27.16 -1.43 -1.10	26.51 -1.57 -0.61	26.05 -1.76 -0.37	26.09 -1.73 -0.40	26.32 -1.46 -0.28	29.43 -1.69 -0.34	34.78 -2.48 -1.26	35.85 -3.08 -0.96	33.09 -3.03 -0.04	30.01 -1.71 0.00	28.05 -1.85 0.00	27.13 -1.98 0.00	26.05 -2.14 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	25.98 -2.76 0.00	26.31 -2.96 0.01	30.08 -3.10 -0.25	28.42 -2.87 -0.72	26.25 -3.11 -0.59	25.20 -2.94 -0.70	25.07 -3.16 -0.79	24.46 -3.41 -0.58	23.33 -2.58 -0.60
DUNKIRK___2 23564	27.16 -1.43 -1.10	26.51 -1.57 -0.61	26.05 -1.76 -0.37	26.09 -1.73 -0.40	26.32 -1.46 -0.28	29.43 -1.69 -0.34	34.78 -2.48 -1.26	35.85 -3.08 -0.96	33.09 -3.03 -0.04	30.01 -1.71 0.00	28.05 -1.85 0.00	27.13 -1.98 0.00	26.05 -2.14 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	25.98 -2.76 0.00	26.31 -2.96 0.01	30.08 -3.10 -0.25	28.42 -2.87 -0.72	26.25 -3.11 -0.59	25.20 -2.94 -0.70	25.07 -3.16 -0.79	24.46 -3.41 -0.58	23.33 -2.58 -0.60
DUNKIRK___3 23565	26.99 -1.59 -1.09	26.35 -1.73 -0.61	25.89 -1.92 -0.37	25.92 -1.89 -0.40	26.15 -1.62 -0.28	29.21 -1.91 -0.34	34.52 -2.74 -1.25	35.62 -3.30 -0.95	32.94 -3.18 -0.04	29.88 -1.84 0.00	27.96 -1.94 0.00	27.07 -2.04 0.00	26.05 -2.14 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	26.01 -2.73 0.00	26.34 -2.93 0.01	30.04 -3.13 -0.24	28.42 -2.87 -0.71	26.31 -3.05 -0.59	25.25 -2.88 -0.69	25.12 -3.10 -0.78	24.51 -3.36 -0.57	23.35 -2.56 -0.60
DUNKIRK___4 23566	26.99 -1.59 -1.09	26.35 -1.73 -0.61	25.89 -1.92 -0.37	25.92 -1.89 -0.40	26.15 -1.62 -0.28	29.21 -1.91 -0.34	34.52 -2.74 -1.25	35.62 -3.30 -0.95	32.94 -3.18 -0.04	29.88 -1.84 0.00	27.96 -1.94 0.00	27.07 -2.04 0.00	26.05 -2.14 0.00	25.80 -2.68 0.00	26.32 -2.44 0.00	26.01 -2.73 0.00	26.34 -2.93 0.01	30.04 -3.13 -0.24	28.42 -2.87 -0.71	26.31 -3.05 -0.59	25.25 -2.88 -0.69	25.12 -3.10 -0.78	24.51 -3.36 -0.57	23.35 -2.56 -0.60
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.12 2.17 -6.45	33.17 2.09 -3.61	31.65 2.03 -2.18	31.78 2.00 -2.37	31.26 2.09 -1.67	35.07 2.28 -2.01	46.15 2.74 -7.41	46.79 3.15 -5.67	39.36 3.07 -0.21	34.45 2.73 0.00	32.41 2.51 0.00	31.53 2.42 0.00	30.53 2.34 0.00	30.87 2.39 0.00	31.12 2.36 0.00	31.12 2.39 0.00	31.74 2.46 0.00	37.24 2.86 -1.45	37.49 2.69 -4.22	34.76 2.50 -3.49	33.89 2.33 -4.11	34.42 2.33 -4.65	32.88 2.18 -3.40	30.77 1.90 -3.57
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.49 1.81 -6.18	32.69 1.76 -3.46	31.23 1.70 -2.09	31.38 1.70 -2.27	30.86 1.76 -1.60	34.64 1.94 -1.92	45.41 2.30 -7.10	45.98 2.58 -5.43	38.74 2.45 -0.21	33.84 2.13 0.00	31.87 1.97 0.00	31.00 1.89 0.00	29.99 1.80 0.00	30.33 1.85 0.00	30.57 1.81 0.00	30.60 1.87 0.00	31.24 1.96 0.00	36.62 2.30 -1.39	36.83 2.20 -4.04	34.10 1.98 -3.34	33.25 1.87 -3.94	33.79 1.89 -4.45	32.27 1.72 -3.26	30.24 1.52 -3.42

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.29 2.34 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.31 2.52 -2.01	46.37 2.95 -7.41	47.03 3.34 -5.72	39.89 3.21 -0.59	35.03 2.85 -0.45	32.73 2.66 -0.17	31.79 2.56 -0.11	30.80 2.45 -0.16	31.12 2.51 -0.14	31.37 2.47 -0.13	31.39 2.53 -0.13	32.28 2.58 -0.43	37.77 3.03 -1.81	37.83 2.81 -4.44	35.17 2.62 -3.78	34.12 2.47 -4.21	34.57 2.47 -4.66	33.01 2.32 -3.40	30.92 2.05 -3.57
E179THST_13_KV_LOAD 356214	36.40 2.45 -6.45	33.50 2.42 -3.61	31.98 2.36 -2.18	32.09 2.30 -2.37	31.59 2.42 -1.67	35.41 2.62 -2.01	46.51 3.10 -7.41	47.18 3.49 -5.72	40.07 3.39 -0.59	35.19 3.01 -0.45	32.88 2.81 -0.17	31.93 2.71 -0.11	30.94 2.59 -0.16	31.27 2.65 -0.14	31.51 2.62 -0.13	31.54 2.67 -0.13	32.43 2.72 -0.43	37.93 3.19 -1.81	38.01 3.00 -4.44	35.31 2.76 -3.78	34.25 2.61 -4.21	34.70 2.61 -4.66	33.15 2.46 -3.40	31.03 2.15 -3.57
EAST HAMPTON___GT 23717	42.01 3.77 -10.75	39.07 3.68 -7.92	36.62 3.65 -5.53	37.03 3.62 -6.00	38.50 3.77 -7.24	43.51 4.19 -8.55	54.04 5.04 -12.99	62.59 5.62 -19.01	49.52 5.23 -8.20	42.08 4.57 -5.79	36.42 4.22 -2.30	33.07 3.96 0.00	31.88 3.69 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.12 4.45 -21.40	59.08 5.20 -20.95	63.16 4.74 -27.84	60.72 4.37 -27.58	58.30 4.09 -26.77	44.03 4.01 -12.58	39.09 3.82 -7.98	37.45 3.41 -8.73
EAST RIVER___6 23660	36.26 2.31 -6.45	33.28 2.20 -3.61	31.76 2.14 -2.18	31.84 2.06 -2.37	31.34 2.17 -1.67	35.19 2.40 -2.01	46.33 2.92 -7.41	48.67 3.38 -7.33	50.43 3.25 -11.10	47.66 2.92 -13.02	37.56 2.75 -4.91	35.21 2.65 -3.45	35.34 2.54 -4.62	35.29 2.59 -4.22	35.26 2.56 -3.94	35.11 2.59 -3.78	44.20 2.64 -12.28	47.92 3.09 -11.90	43.96 2.87 -10.51	43.32 2.64 -11.90	36.87 2.50 -6.93	34.58 2.47 -4.67	33.03 2.32 -3.42	30.90 2.02 -3.57
EAST RIVER___7 23524	36.26 2.31 -6.45	33.28 2.20 -3.61	31.76 2.14 -2.18	31.84 2.06 -2.37	31.34 2.17 -1.67	35.19 2.40 -2.01	46.33 2.92 -7.41	48.67 3.38 -7.33	50.43 3.25 -11.10	47.66 2.92 -13.02	37.56 2.75 -4.91	35.21 2.65 -3.45	35.34 2.54 -4.62	35.29 2.59 -4.22	35.26 2.56 -3.94	35.11 2.59 -3.78	44.20 2.64 -12.28	47.92 3.09 -11.90	43.96 2.87 -10.51	43.32 2.64 -11.90	36.87 2.50 -6.93	34.58 2.47 -4.67	33.03 2.32 -3.42	30.90 2.02 -3.57
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.03 2.09 -6.44	33.11 2.03 -3.61	31.59 1.98 -2.18	31.73 1.95 -2.37	31.20 2.03 -1.67	35.00 2.22 -2.00	46.07 2.66 -7.40	46.66 3.04 -5.66	39.26 2.96 -0.21	34.35 2.63 0.00	32.32 2.42 0.00	31.44 2.33 0.00	30.44 2.26 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.04 2.30 0.00	31.65 2.37 0.00	37.14 2.77 -1.45	37.40 2.60 -4.21	34.67 2.42 -3.48	33.80 2.25 -4.11	34.33 2.25 -4.64	32.79 2.10 -3.40	30.72 1.85 -3.57
EAST_HAMPTON___DIESEL 23722	41.98 3.74 -10.75	39.04 3.65 -7.92	36.62 3.65 -5.53	37.00 3.59 -6.00	38.47 3.74 -7.24	43.51 4.19 -8.55	54.04 5.04 -12.99	62.56 5.58 -19.01	49.48 5.20 -8.20	42.08 4.57 -5.79	36.42 4.22 -2.30	33.07 3.96 0.00	31.88 3.69 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.12 4.45 -21.40	59.08 5.20 -20.95	63.16 4.74 -27.84	60.72 4.37 -27.58	58.27 4.06 -26.77	44.03 4.01 -12.58	39.06 3.79 -7.98	37.42 3.39 -8.73
EAST_PULASKI___ESR 323781	27.55 -0.52 -0.57	27.21 -0.58 -0.32	27.00 -0.63 -0.19	27.02 -0.60 -0.21	27.12 -0.52 -0.15	30.38 -0.58 -0.18	36.02 -0.65 -0.66	37.78 -0.68 -0.50	35.34 -0.76 -0.02	30.99 -0.73 0.00	29.12 -0.78 0.00	28.41 -0.70 0.00	27.48 -0.70 0.00	27.76 -0.71 0.00	28.13 -0.63 0.00	28.08 -0.66 0.00	28.61 -0.67 0.00	32.46 -0.59 -0.13	30.38 -0.58 -0.37	28.47 -0.60 -0.31	27.20 -0.60 -0.37	27.28 -0.58 -0.41	26.83 -0.76 -0.30	24.96 -0.66 -0.32
EAST_RIVER___1 323558	36.28 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.39 2.23 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.71 3.42 -7.33	50.47 3.28 -11.10	47.66 2.92 -13.02	37.53 2.72 -4.91	35.18 2.62 -3.45	35.31 2.51 -4.62	35.26 2.56 -4.22	35.23 2.53 -3.94	35.11 2.59 -3.78	44.20 2.64 -12.28	47.89 3.06 -11.90	43.96 2.87 -10.51	43.32 2.64 -11.90	36.87 2.50 -6.93	34.60 2.50 -4.67	33.06 2.35 -3.42	30.95 2.08 -3.57
EAST_RIVER___2 323559	36.26 2.31 -6.45	33.28 2.20 -3.61	31.76 2.14 -2.18	31.84 2.06 -2.37	31.34 2.17 -1.67	35.19 2.40 -2.01	46.33 2.92 -7.41	48.67 3.38 -7.33	50.43 3.25 -11.10	47.66 2.92 -13.02	37.56 2.75 -4.91	35.21 2.65 -3.45	35.34 2.54 -4.62	35.29 2.59 -4.22	35.26 2.56 -3.94	35.11 2.59 -3.78	44.20 2.64 -12.28	47.92 3.09 -11.90	43.96 2.87 -10.51	43.32 2.64 -11.90	36.87 2.50 -6.93	34.58 2.47 -4.67	33.03 2.32 -3.42	30.90 2.02 -3.57
EAST___DELAWARE_HYD 23607	34.69 1.46 -5.74	32.05 1.37 -3.21	30.70 1.32 -1.94	30.84 1.32 -2.11	30.36 1.37 -1.49	34.14 1.57 -1.78	44.54 1.94 -6.59	45.25 2.24 -5.05	38.29 2.02 -0.19	33.33 1.62 0.00	31.39 1.49 0.00	30.51 1.40 0.00	28.78 0.59 0.00	29.10 0.63 0.00	29.39 0.63 0.00	29.46 0.72 0.00	30.10 0.82 0.00	35.23 1.02 -1.29	35.34 1.01 -3.75	32.73 0.86 -3.10	32.58 1.48 -3.66	33.11 1.54 -4.14	31.60 1.28 -3.03	29.57 1.09 -3.18
EIGHT_POINT___WT_PWR 323820	29.77 0.77 -1.51	29.05 0.74 -0.85	28.69 0.74 -0.51	28.71 0.74 -0.55	28.87 0.99 -0.39	32.48 1.23 -0.47	39.07 1.33 -1.73	40.65 1.36 -1.33	37.18 1.05 -0.05	33.08 1.36 0.00	30.95 1.05 0.00	29.96 0.84 0.00	28.89 0.71 0.00	28.87 0.40 0.00	29.34 0.57 0.00	29.08 0.35 0.00	29.56 0.26 -0.02	33.63 0.36 -0.34	31.94 0.37 -0.99	29.70 0.12 -0.82	28.51 0.11 -0.96	28.53 0.00 -1.09	27.62 -0.46 -0.80	25.78 -0.35 -0.84
ELBRIDGE_115KV_TB2 80188	27.89 -0.41 -0.81	27.45 -0.47 -0.45	27.16 -0.55 -0.27	27.21 -0.49 -0.30	27.29 -0.41 -0.21	30.60 -0.43 -0.25	36.40 -0.54 -0.93	38.07 -0.61 -0.71	35.42 -0.69 -0.03	31.15 -0.57 0.00	29.27 -0.63 0.00	28.50 -0.61 0.00	27.60 -0.59 0.00	27.82 -0.65 0.00	28.19 -0.58 0.00	28.13 -0.60 0.00	28.68 -0.61 -0.02	32.61 -0.49 -0.18	30.68 -0.43 -0.53	28.75 -0.46 -0.44	27.52 -0.44 -0.52	27.58 -0.44 -0.58	27.09 -0.63 -0.43	25.22 -0.53 -0.45
ELEC_TRO_TEK 24086	40.80 2.56 -10.75	37.89 2.50 -7.92	35.41 2.44 -5.53	35.82 2.41 -6.00	37.21 2.47 -7.24	42.07 2.74 -8.55	52.24 3.24 -12.99	54.37 3.68 -12.72	47.82 3.54 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.93 2.82 0.00	30.87 2.68 0.00	31.24 2.76 0.00	37.40 2.76 -5.88	42.30 2.79 -10.78	46.78 2.84 -14.67	51.20 3.33 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.50 2.72 -19.34	42.20 2.69 -12.07	37.81 2.54 -7.98	36.31 2.28 -8.73
ELLENBURG_WT_PWR 323604	26.81 -0.69 0.00	26.89 -0.58 0.00	27.06 -0.38 0.00	27.14 -0.27 0.00	27.17 -0.33 0.00	30.45 -0.34 0.00	35.79 -0.21 0.00	37.77 -0.19 0.00	35.97 -0.11 0.00	31.69 -0.03 0.00	30.08 0.18 0.00	29.32 0.21 0.00	28.36 0.17 0.00	28.73 0.26 0.00	28.99 0.23 0.00	28.94 0.20 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.34 -0.43 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.63 -1.90 -1.04	26.02 -2.03 -0.58	25.54 -2.25 -0.35	25.60 -2.19 -0.38	25.81 -1.95 -0.27	28.86 -2.25 -0.32	34.03 -3.17 -1.19	35.08 -3.80 -0.91	32.55 -3.57 -0.03	29.40 -2.32 0.00	27.51 -2.39 0.00	26.72 -2.39 0.00	25.74 -2.45 0.00	25.54 -2.93 0.00	26.06 -2.70 0.00	25.75 -2.99 0.00	26.08 -3.19 0.01	29.87 -3.29 -0.23	28.29 -2.97 -0.68	26.19 -3.14 -0.56	25.17 -2.94 -0.66	25.03 -3.16 -0.75	24.48 -3.36 -0.55	23.30 -2.58 -0.57
EMPIRE_CC_1 323656	36.51 1.46 -7.56	33.18 1.48 -4.24	31.47 1.48 -2.55	31.67 1.48 -2.78	30.97 1.51 -1.96	34.83 1.69 -2.35	46.53 1.84 -8.69	46.20 1.59 -6.65	37.92 1.59 -0.25	33.30 1.59 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.40 1.21 0.00	29.76 1.28 0.00	29.77 1.01 0.00	29.80 1.06 0.00	30.45 1.17 0.00	35.97 1.35 -1.70	36.17 1.25 -4.33	34.09 1.24 -4.09	33.44 1.18 -4.82	34.07 1.18 -5.45	32.56 1.28 -3.99	30.73 1.24 -4.19
EMPIRE_CC_2 323658	36.51 1.46 -7.56	33.18 1.48 -4.24	31.47 1.48 -2.55	31.67 1.48 -2.78	30.97 1.51 -1.96	34.83 1.69 -2.35	46.53 1.84 -8.69	46.20 1.59 -6.65	37.92 1.59 -0.25	33.30 1.59 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.40 1.21 0.00	29.76 1.28 0.00	29.77 1.01 0.00	29.80 1.06 0.00	30.45 1.17 0.00	35.97 1.35 -1.70	36.17 1.25 -4.33	34.09 1.24 -4.09	33.44 1.18 -4.82	34.07 1.18 -5.45	32.56 1.28 -3.99	30.73 1.24 -4.19
ENORWICH_115KV_TB1 80156	32.11 2.53 -2.08	31.13 2.50 -1.17	30.56 2.41 -0.70	30.73 2.55 -0.77	30.89 2.86 -0.54	34.88 3.45 -0.65	42.54 4.14 -2.39	44.20 4.40 -1.83	40.12 3.97 -0.07	34.86 3.14 0.00	32.65 2.75 0.00	31.88 2.77 0.00	30.87 2.68 0.00	31.15 2.68 0.00	31.72 2.96 0.00	31.64 2.90 0.00	32.25 2.96 -0.01	36.78 3.39 -0.47	35.13 3.18 -1.36	32.60 2.70 -1.13	31.32 2.55 -1.33	31.49 2.55 -1.50	30.30 1.91 -1.10	28.30 1.85 -1.15
ERIE_ST__34_KV_TB1-2 80199	26.54 -2.03 -1.08	25.87 -2.20 -0.60	25.39 -2.41 -0.36	25.45 -2.36 -0.40	25.68 -2.09 -0.28	28.72 -2.40 -0.34	33.97 -3.28 -1.24	35.08 -3.83 -0.95	32.51 -3.61 -0.04	30.04 -1.68 0.00	28.11 -1.79 0.00	27.28 -1.83 0.00	26.27 -1.92 0.00	26.08 -2.39 0.00	26.58 -2.19 0.00	26.29 -2.44 0.00	26.52 -2.75 0.01	29.81 -3.36 -0.24	28.26 -3.03 -0.71	26.13 -3.22 -0.58	25.11 -3.02 -0.69	24.95 -3.27 -0.78	24.37 -3.49 -0.57	23.17 -2.73 -0.60
ERIE_WT_PWR 323693	26.71 -1.84 -1.06	26.08 -1.98 -0.59	25.77 -2.03 -0.36	25.66 -2.14 -0.39	25.87 -1.90 -0.28	28.93 -2.18 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.69 -2.03 0.00	27.72 -2.18 0.00	26.84 -2.27 0.00	25.91 -2.28 0.00	25.69 -2.79 0.00	26.23 -2.53 0.00	25.92 -2.82 0.00	26.22 -3.05 0.01	29.94 -3.23 -0.24	28.34 -2.94 -0.69	26.23 -3.11 -0.57	25.18 -2.94 -0.68	25.05 -3.15 -0.76	24.49 -3.36 -0.56	23.31 -2.58 -0.59
ESPRGFLD_115KV_TB1 80157	28.95 1.32 -0.13	28.83 1.29 -0.08	28.72 1.23 -0.05	28.75 1.29 -0.05	28.93 1.40 -0.03	32.55 1.72 -0.04	38.14 1.98 -0.15	40.17 2.09 -0.12	38.00 1.91 0.00	33.18 1.46 0.00	31.25 1.35 0.00	30.39 1.28 0.00	29.43 1.24 0.00	29.73 1.25 0.00	30.11 1.35 0.00	30.17 1.44 0.00	30.89 1.61 0.00	34.93 1.98 -0.03	32.54 1.87 -0.09	30.48 1.64 -0.07	29.01 1.48 -0.09	29.13 1.59 -0.10	28.56 1.20 -0.07	26.41 1.04 -0.07
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.62 0.58 -1.55	28.86 0.52 -0.87	28.40 0.44 -0.52	28.47 0.49 -0.57	28.53 0.63 -0.40	32.06 0.80 -0.48	38.68 0.90 -1.78	40.27 0.95 -1.36	36.89 0.76 -0.05	32.35 0.63 0.00	30.35 0.45 0.00	29.58 0.47 0.00	28.64 0.45 0.00	28.85 0.37 0.00	29.28 0.52 0.00	29.23 0.49 0.00	29.82 0.53 -0.02	34.03 0.76 -0.35	32.33 0.73 -1.01	30.21 0.60 -0.84	29.00 0.58 -0.99	29.13 0.58 -1.12	28.38 0.27 -0.82	26.46 0.30 -0.86
ETNA____115KV_TB2 80207	29.62 0.58 -1.55	28.86 0.52 -0.87	28.40 0.44 -0.52	28.47 0.49 -0.57	28.53 0.63 -0.40	32.06 0.80 -0.48	38.68 0.90 -1.78	40.27 0.95 -1.36	36.89 0.76 -0.05	32.35 0.63 0.00	30.35 0.45 0.00	29.58 0.47 0.00	28.64 0.45 0.00	28.85 0.37 0.00	29.28 0.52 0.00	29.23 0.49 0.00	29.82 0.53 -0.02	34.03 0.76 -0.35	32.33 0.73 -1.01	30.21 0.60 -0.84	29.00 0.58 -0.99	29.13 0.58 -1.12	28.38 0.27 -0.82	26.46 0.30 -0.86
EUCLID___115KV_TB2 356179	27.48 -0.69 -0.67	27.10 -0.74 -0.38	26.87 -0.80 -0.23	26.89 -0.77 -0.25	26.98 -0.69 -0.17	30.25 -0.74 -0.21	35.87 -0.90 -0.77	37.57 -0.99 -0.59	35.09 -1.01 -0.02	30.86 -0.86 0.00	29.00 -0.90 0.00	28.24 -0.87 0.00	27.34 -0.85 0.00	27.56 -0.91 0.00	27.93 -0.83 0.00	27.87 -0.86 0.00	28.40 -0.88 0.00	32.25 -0.82 -0.15	30.29 -0.73 -0.44	28.41 -0.72 -0.36	27.18 -0.69 -0.43	27.24 -0.69 -0.48	26.80 -0.85 -0.35	24.94 -0.73 -0.37
E_CANADA_CAP_HY 24051	38.24 1.43 -9.32	34.11 1.43 -5.22	31.98 1.40 -3.14	32.29 1.45 -3.43	31.40 1.48 -2.42	35.56 1.88 -2.89	48.68 1.98 -10.70	48.24 2.09 -8.19	38.30 1.91 -0.31	33.08 1.36 0.00	31.13 1.23 0.00	30.24 1.13 0.00	29.29 1.10 0.00	29.62 1.14 0.00	30.00 1.24 0.00	30.14 1.41 0.00	30.86 1.58 0.00	37.02 2.01 -2.09	38.57 1.90 -6.09	35.47 1.67 -5.04	34.94 1.56 -5.94	35.91 1.76 -6.71	33.59 1.39 -4.91	31.65 1.19 -5.16
E_CANADA_MHWK_HY 24050	28.32 0.82 0.00	28.35 0.88 0.00	28.37 0.93 0.00	28.40 0.99 0.00	28.60 1.10 0.00	32.08 1.29 0.00	37.45 1.44 0.00	39.56 1.59 0.00	37.63 1.55 0.00	33.05 1.33 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.67 1.20 0.00	29.97 1.21 0.00	29.86 1.12 0.00	30.21 0.94 0.00	33.85 0.92 0.00	31.38 0.79 0.00	29.49 0.72 0.00	28.10 0.66 0.00	28.24 0.80 0.00	28.05 0.76 0.00	26.04 0.73 0.00
E_FISHKILL___LBMP 23776	35.94 1.90 -6.55	33.00 1.87 -3.67	31.46 1.81 -2.21	31.63 1.81 -2.41	31.06 1.87 -1.70	34.85 2.03 -2.03	45.94 2.41 -7.52	46.45 2.73 -5.75	38.93 2.63 -0.22	34.06 2.35 0.00	32.05 2.15 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.53 2.05 0.00	30.77 2.01 0.00	30.81 2.07 0.00	31.38 2.11 0.00	36.86 2.47 -1.47	37.16 2.29 -4.28	34.44 2.13 -3.54	33.62 2.00 -4.17	34.16 2.00 -4.72	32.63 1.88 -3.45	30.60 1.67 -3.63
FALCON___SEABRD_CC1 323796	27.19 -0.30 0.00	27.25 -0.22 0.00	27.44 0.00 0.00	27.49 0.08 0.00	27.58 0.08 0.00	30.91 0.12 0.00	36.36 0.36 0.00	38.38 0.42 0.00	36.52 0.43 0.00	32.19 0.48 0.00	30.50 0.60 0.00	29.75 0.64 0.00	28.78 0.59 0.00	29.16 0.68 0.00	29.39 0.63 0.00	29.34 0.60 0.00	29.80 0.53 0.00	33.19 0.26 0.00	30.61 0.03 0.00	28.74 -0.03 0.00	27.36 -0.08 0.00	27.36 -0.08 0.00	27.40 0.11 0.00	25.40 0.10 0.00
FALCON___SEABRD_CC2 323797	27.19 -0.30 0.00	27.25 -0.22 0.00	27.44 0.00 0.00	27.49 0.08 0.00	27.58 0.08 0.00	30.91 0.12 0.00	36.36 0.36 0.00	38.38 0.42 0.00	36.52 0.43 0.00	32.19 0.48 0.00	30.50 0.60 0.00	29.75 0.64 0.00	28.78 0.59 0.00	29.16 0.68 0.00	29.39 0.63 0.00	29.34 0.60 0.00	29.80 0.53 0.00	33.19 0.26 0.00	30.61 0.03 0.00	28.74 -0.03 0.00	27.36 -0.08 0.00	27.36 -0.08 0.00	27.40 0.11 0.00	25.40 0.10 0.00

FAR ROCKAWAY___4 23548	41.32 3.08 -10.75	38.41 3.02 -7.92	35.91 2.94 -5.53	36.32 2.91 -6.00	37.76 3.02 -7.24	42.65 3.32 -8.55	52.96 3.96 -12.99	55.16 4.48 -12.72	48.54 4.26 -8.20	41.28 3.77 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.35 3.16 0.00	31.75 3.27 0.00	37.92 3.28 -5.88	42.85 3.33 -10.78	47.18 3.43 -14.48	51.95 4.08 -14.95	52.51 3.85 -18.07	51.88 3.54 -19.57	50.08 3.29 -19.34	42.68 3.27 -11.98	38.30 3.03 -7.98	36.74 2.71 -8.73
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.34 2.39 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.95 2.17 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.01	46.44 3.02 -7.41	48.75 3.45 -7.34	50.53 3.32 -11.13	47.72 2.95 -13.06	37.57 2.75 -4.92	35.22 2.65 -3.46	35.38 2.57 -4.63	35.30 2.59 -4.23	35.27 2.56 -3.95	35.15 2.62 -3.79	44.26 2.66 -12.32	47.98 3.13 -11.93	44.01 2.91 -10.52	43.40 2.70 -11.93	36.93 2.55 -6.94	34.63 2.52 -4.67	33.08 2.37 -3.42	30.98 2.10 -3.57
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.34 2.39 -6.45	33.39 2.31 -3.61	31.84 2.22 -2.18	31.95 2.17 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.01	46.44 3.02 -7.41	48.72 3.42 -7.34	50.53 3.32 -11.13	47.72 2.95 -13.06	37.57 2.75 -4.92	35.22 2.65 -3.46	35.35 2.54 -4.63	35.30 2.59 -4.23	35.27 2.56 -3.95	35.12 2.59 -3.79	44.26 2.66 -12.32	47.95 3.10 -11.93	44.01 2.91 -10.52	43.40 2.70 -11.93	36.90 2.52 -6.94	34.63 2.52 -4.67	33.08 2.37 -3.42	30.98 2.10 -3.57
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.31 2.36 -6.45	33.36 2.28 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.68 3.38 -7.34	50.50 3.28 -11.13	47.69 2.92 -13.06	37.54 2.72 -4.92	35.19 2.62 -3.46	35.33 2.51 -4.63	35.27 2.56 -4.23	35.24 2.53 -3.95	35.09 2.56 -3.79	44.23 2.63 -12.32	47.92 3.06 -11.93	43.98 2.87 -10.52	43.34 2.65 -11.93	36.87 2.50 -6.94	34.60 2.50 -4.67	33.05 2.35 -3.42	30.95 2.07 -3.57
FARRAGUT___LBMP 323566	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.64 3.34 -7.34	50.46 3.25 -11.13	47.66 2.89 -13.06	37.51 2.69 -4.92	35.16 2.59 -3.46	35.30 2.48 -4.63	35.24 2.53 -4.23	35.21 2.50 -3.95	35.09 2.56 -3.79	44.20 2.61 -12.32	47.89 3.03 -11.93	43.95 2.84 -10.52	43.34 2.65 -11.93	36.85 2.47 -6.94	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
FENNER___WINDPWR 24204	28.98 0.63 -0.86	28.55 0.60 -0.48	28.31 0.58 -0.29	28.30 0.58 -0.31	28.40 0.69 -0.22	31.91 0.86 -0.27	38.03 1.04 -0.98	39.82 1.10 -0.75	37.05 0.94 -0.03	32.45 0.73 0.00	30.50 0.60 0.00	29.69 0.58 0.00	28.75 0.56 0.00	29.04 0.57 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.96 0.67 -0.01	33.97 0.85 -0.19	31.91 0.76 -0.56	29.86 0.63 -0.46	28.56 0.58 -0.55	28.66 0.60 -0.62	28.12 0.38 -0.45	26.16 0.38 -0.47
FIBERTEK___ENERGY 23856	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43
FITZPATRICK___ 23598	26.97 -1.02 -0.49	26.67 -1.07 -0.28	26.54 -1.07 -0.17	26.50 -1.10 -0.18	26.61 -1.02 -0.13	29.80 -1.14 -0.15	35.21 -1.37 -0.57	36.92 -1.48 -0.43	34.65 -1.44 -0.02	30.48 -1.24 0.00	28.65 -1.25 0.00	27.89 -1.22 0.00	27.01 -1.18 0.00	27.25 -1.22 0.00	27.58 -1.18 0.00	27.53 -1.21 0.00	28.07 -1.20 0.00	31.82 -1.22 -0.11	29.77 -1.13 -0.32	27.94 -1.09 -0.27	26.68 -1.07 -0.32	26.73 -1.07 -0.36	26.38 -1.17 -0.26	24.54 -1.04 -0.27
FLOWRFLD_69_KV_BK1 356044	41.35 3.11 -10.75	38.38 2.99 -7.92	35.91 2.94 -5.53	36.32 2.91 -6.00	37.76 3.02 -7.24	42.71 3.39 -8.55	53.06 4.07 -12.99	64.18 4.56 -21.67	48.51 4.22 -8.20	41.19 3.68 -5.79	35.70 3.50 -2.30	32.43 3.32 0.00	31.29 3.10 0.00	31.61 3.13 0.00	37.97 3.34 -5.88	47.93 3.42 -15.78	56.59 3.54 -23.77	60.43 4.02 -23.49	66.33 3.79 -31.95	63.26 3.54 -30.96	60.69 3.35 -29.90	43.26 3.24 -12.58	38.38 3.11 -7.98	36.79 2.76 -8.73
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.14 2.23 -6.42	33.20 2.14 -3.60	31.69 2.09 -2.17	31.85 2.08 -2.36	31.28 2.12 -1.67	35.15 2.37 -1.99	46.22 2.84 -7.37	46.76 3.15 -5.64	39.62 3.32 -0.21	34.51 2.79 0.00	32.44 2.54 0.00	31.56 2.45 0.00	30.53 2.34 0.00	30.87 2.39 0.00	31.15 2.39 0.00	31.24 2.50 0.00	31.62 2.34 0.00	37.13 2.77 -1.44	37.38 2.60 -4.20	34.60 2.36 -3.47	33.75 2.22 -4.09	34.29 2.22 -4.63	32.72 2.05 -3.38	30.68 1.82 -3.55
FORT ORANGE___ 23900	36.66 1.40 -7.76	33.21 1.40 -4.35	31.49 1.43 -2.62	31.69 1.42 -2.85	30.94 1.43 -2.01	34.79 1.60 -2.41	46.65 1.73 -8.91	46.23 1.44 -6.82	37.86 1.52 -0.26	33.15 1.43 0.00	30.83 0.93 0.00	30.07 0.96 0.00	29.12 0.93 0.00	29.47 1.00 0.00	29.68 0.92 0.00	29.74 1.01 0.00	30.33 1.05 0.00	35.82 1.15 -1.74	36.24 1.04 -4.62	33.94 0.98 -4.20	33.32 0.93 -4.95	33.94 0.90 -5.59	32.47 1.09 -4.09	30.94 1.34 -4.30
FORT_DRUM_COGEN 23780	27.86 -0.03 -0.39	27.58 -0.11 -0.22	27.44 -0.14 -0.13	27.50 -0.05 -0.14	27.65 0.05 -0.10	31.09 0.18 -0.12	36.81 0.36 -0.45	38.76 0.46 -0.34	36.35 0.25 -0.01	31.62 -0.10 0.00	29.75 -0.15 0.00	28.99 -0.12 0.00	28.05 -0.14 0.00	28.42 -0.06 0.00	28.82 0.06 0.00	28.85 0.11 0.00	29.45 0.18 0.00	33.31 0.30 -0.09	30.87 0.03 -0.26	28.86 -0.12 -0.21	27.50 -0.19 -0.25	27.56 -0.16 -0.28	27.03 -0.46 -0.21	25.11 -0.40 -0.22
FOX_HILLS___ESR 323835	36.45 2.50 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.51 2.34 -1.67	35.34 2.56 -2.01	46.55 3.13 -7.41	48.85 3.53 -7.35	50.75 3.43 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.10 2.72 -13.10	59.42 3.19 -23.30	145.47 3.00 -111.89	55.36 2.79 -23.80	53.48 2.63 -23.40	52.30 2.63 -22.22	33.19 2.48 -3.42	31.08 2.20 -3.57
FPL_FAR_ROCK_GT1 24212	41.32 3.08 -10.75	38.41 3.02 -7.92	35.93 2.96 -5.53	36.32 2.90 -6.00	37.76 3.02 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	55.16 4.48 -12.72	48.54 4.26 -8.20	41.28 3.77 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.35 3.16 0.00	31.75 3.27 0.00	37.91 3.28 -5.88	42.85 3.33 -10.78	47.18 3.42 -14.48	51.53 3.65 -14.95	52.11 3.45 -18.07	51.50 3.16 -19.57	50.07 3.29 -19.34	42.68 3.26 -11.98	38.30 3.03 -7.98	36.74 2.71 -8.73
FPL_FAR_ROCK_GT2 23815	41.32 3.08 -10.75	38.41 3.02 -7.92	35.93 2.96 -5.53	36.32 2.90 -6.00	37.76 3.02 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	55.16 4.48 -12.72	48.54 4.26 -8.20	41.28 3.77 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.35 3.16 0.00	31.75 3.27 0.00	37.91 3.28 -5.88	42.85 3.33 -10.78	47.18 3.42 -14.48	51.53 3.65 -14.95	52.11 3.45 -18.07	51.50 3.16 -19.57	50.07 3.29 -19.34	42.68 3.26 -11.98	38.30 3.03 -7.98	36.74 2.71 -8.73

FRANKLIN_FALL_HYD 24054	27.14 -0.36 0.00	27.14 -0.33 0.00	27.36 -0.08 0.00	27.36 -0.05 0.00	27.38 -0.11 0.00	30.66 -0.12 0.00	36.08 0.07 0.00	38.12 0.15 0.00	36.23 0.14 0.00	31.84 0.13 0.00	30.20 0.30 0.00	29.40 0.29 0.00	28.44 0.25 0.00	28.82 0.34 0.00	29.08 0.32 0.00	29.02 0.29 0.00	29.48 0.20 0.00	32.86 -0.07 0.00	30.31 -0.28 0.00	28.51 -0.26 0.00	27.14 -0.30 0.00	27.11 -0.33 0.00	27.15 -0.14 0.00	25.18 -0.13 0.00
FREEPORT_EQUS_GT1 23764	40.99 2.75 -10.75	38.05 2.66 -7.92	35.60 2.63 -5.53	35.99 2.58 -6.00	37.40 2.67 -7.24	42.25 2.93 -8.55	52.49 3.49 -12.99	54.63 3.95 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.04 2.85 0.00	31.41 2.93 0.00	37.57 2.94 -5.88	42.47 2.96 -10.78	47.44 3.04 -15.12	51.46 3.59 -14.95	52.02 3.36 -18.07	51.48 3.14 -19.57	49.69 2.91 -19.34	42.63 2.91 -12.29	38.03 2.76 -7.98	36.49 2.45 -8.73
FREEPORT___CT2 23818	40.99 2.75 -10.75	38.05 2.66 -7.92	35.60 2.63 -5.53	35.99 2.58 -6.00	37.40 2.67 -7.24	42.25 2.93 -8.55	52.49 3.49 -12.99	54.63 3.95 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.04 2.85 0.00	31.41 2.93 0.00	37.57 2.94 -5.88	42.47 2.96 -10.78	47.44 3.04 -15.12	51.46 3.59 -14.95	52.02 3.36 -18.07	51.48 3.14 -19.57	49.69 2.91 -19.34	42.63 2.91 -12.29	38.03 2.76 -7.98	36.49 2.45 -8.73
FRESHKLS_33_KV_LOAD 356253	36.40 2.45 -6.45	33.42 2.33 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.28 2.49 -2.01	46.48 3.06 -7.41	48.77 3.45 -7.35	50.64 3.32 -11.24	48.06 2.92 -13.42	43.97 2.69 -11.38	42.61 2.59 -10.91	42.59 2.48 -11.92	42.62 2.53 -11.61	42.64 2.53 -11.35	42.90 2.59 -11.57	44.79 2.66 -12.85	59.36 3.13 -23.30	145.41 2.94 -111.89	55.30 2.73 -23.80	53.42 2.58 -23.40	52.24 2.58 -22.22	33.14 2.43 -3.42	31.05 2.18 -3.57
FULTON COGEN____ 23766	27.44 -0.69 -0.63	27.05 -0.77 -0.35	26.83 -0.82 -0.21	26.85 -0.79 -0.23	26.94 -0.71 -0.16	30.21 -0.77 -0.20	35.83 -0.90 -0.72	37.53 -0.99 -0.55	35.06 -1.05 -0.02	30.80 -0.92 0.00	28.91 -0.99 0.00	28.18 -0.93 0.00	27.29 -0.90 0.00	27.51 -0.97 0.00	27.90 -0.86 0.00	27.85 -0.89 0.00	28.37 -0.91 0.00	32.21 -0.86 -0.14	30.23 -0.76 -0.41	28.33 -0.78 -0.34	27.10 -0.74 -0.40	27.18 -0.71 -0.45	26.72 -0.90 -0.33	24.87 -0.78 -0.35
FULTON___LFGE 323630	39.30 2.91 -8.89	35.30 2.86 -4.98	33.24 2.80 -3.00	33.58 2.90 -3.27	32.69 2.89 -2.31	37.05 3.51 -2.76	50.25 4.03 -10.21	49.92 4.14 -7.82	40.17 3.79 -0.30	34.54 2.82 0.00	32.29 2.39 0.00	31.38 2.27 0.00	30.36 2.17 0.00	30.72 2.25 0.00	31.23 2.47 0.00	31.58 2.85 0.00	32.55 3.28 0.00	38.97 4.05 -1.99	40.19 3.79 -5.82	36.97 3.39 -4.81	36.37 3.26 -5.67	37.17 3.32 -6.41	34.82 2.84 -4.69	32.66 2.43 -4.92
G.F.CEMENT___DRP 24184	37.03 1.51 -8.02	33.44 1.48 -4.49	31.63 1.48 -2.71	31.92 1.56 -2.95	31.09 1.51 -2.08	35.09 1.82 -2.49	47.34 2.12 -9.21	47.21 2.20 -7.05	38.44 2.09 -0.27	33.37 1.65 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.73 1.25 0.00	30.03 1.27 0.00	30.17 1.44 0.00	30.86 1.58 0.00	36.73 2.01 -1.80	38.35 1.90 -5.87	34.83 1.73 -4.34	34.20 1.65 -5.11	34.81 1.59 -5.78	32.94 1.42 -4.23	30.98 1.24 -4.44
GARDENVILLE___LBMP 24039	26.67 -1.87 -1.05	26.05 -2.01 -0.59	25.57 -2.22 -0.35	25.63 -2.17 -0.39	25.84 -1.92 -0.27	28.89 -2.22 -0.33	34.08 -3.13 -1.20	35.16 -3.72 -0.92	32.58 -3.54 -0.03	29.56 -2.16 0.00	27.63 -2.27 0.00	26.84 -2.27 0.00	25.82 -2.37 0.00	25.63 -2.85 0.00	26.14 -2.62 0.00	25.83 -2.90 0.00	26.13 -3.13 0.01	29.87 -3.29 -0.24	28.27 -3.00 -0.69	26.17 -3.16 -0.57	25.15 -2.96 -0.67	25.01 -3.18 -0.76	24.46 -3.38 -0.55	23.25 -2.63 -0.58
GARDNVLA_35_KV_LD 355827	26.74 -1.81 -1.07	26.09 -1.98 -0.60	25.60 -2.20 -0.36	25.66 -2.14 -0.39	25.90 -1.87 -0.28	28.93 -2.19 -0.33	34.17 -3.06 -1.22	35.26 -3.64 -0.94	32.69 -3.43 -0.04	29.69 -2.03 0.00	27.75 -2.15 0.00	26.96 -2.15 0.00	25.96 -2.23 0.00	25.74 -2.73 0.00	26.26 -2.50 0.00	25.95 -2.79 0.00	26.25 -3.02 0.01	29.94 -3.23 -0.24	28.37 -2.91 -0.70	26.27 -3.08 -0.58	25.21 -2.91 -0.68	25.08 -3.13 -0.77	24.52 -3.33 -0.56	23.31 -2.58 -0.59
GELCKHM__115KV_LOAD 80723	27.68 -0.52 -0.71	27.26 -0.60 -0.40	27.02 -0.66 -0.24	27.04 -0.63 -0.26	27.16 -0.52 -0.18	30.45 -0.55 -0.22	36.13 -0.68 -0.81	37.83 -0.76 -0.62	35.31 -0.79 -0.02	31.02 -0.70 0.00	29.15 -0.75 0.00	28.38 -0.73 0.00	27.48 -0.70 0.00	27.71 -0.77 0.00	28.10 -0.66 0.00	28.02 -0.72 0.00	28.55 -0.73 -0.01	32.46 -0.63 -0.16	30.49 -0.55 -0.46	28.58 -0.58 -0.38	27.34 -0.55 -0.45	27.40 -0.55 -0.51	26.95 -0.71 -0.37	25.09 -0.61 -0.39
GENERAL___MILLS 23808	26.69 -1.87 -1.06	26.06 -2.01 -0.59	25.58 -2.22 -0.36	25.64 -2.17 -0.39	25.84 -1.92 -0.28	28.90 -2.22 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.62 -2.09 0.00	27.72 -2.18 0.00	26.93 -2.18 0.00	25.91 -2.28 0.00	25.68 -2.79 0.00	26.23 -2.53 0.00	25.89 -2.84 0.00	26.19 -3.07 0.01	29.90 -3.26 -0.24	28.31 -2.97 -0.69	26.21 -3.14 -0.57	25.18 -2.94 -0.68	25.05 -3.16 -0.76	24.46 -3.38 -0.56	23.28 -2.61 -0.59
GE_PLASTICS___DRP 24183	36.56 1.29 -7.77	33.11 1.29 -4.35	31.35 1.29 -2.62	31.58 1.32 -2.86	30.83 1.32 -2.02	34.65 1.45 -2.42	46.59 1.66 -8.93	46.31 1.52 -6.83	37.86 1.52 -0.26	33.11 1.40 0.00	30.95 1.05 0.00	30.16 1.05 0.00	29.23 1.04 0.00	29.56 1.08 0.00	29.77 1.01 0.00	29.80 1.06 0.00	30.39 1.11 0.00	35.92 1.25 -1.74	36.53 1.16 -4.79	34.03 1.06 -4.20	33.41 1.02 -4.95	34.05 1.02 -5.60	32.48 1.09 -4.10	30.72 1.11 -4.30
GILBOA___1 23756	34.82 1.13 -6.19	32.03 1.10 -3.47	30.63 1.10 -2.09	30.76 1.07 -2.28	30.23 1.13 -1.61	33.97 1.26 -1.92	44.56 1.44 -7.11	44.96 1.56 -5.44	37.77 1.48 -0.21	33.08 1.36 0.00	31.06 1.16 0.00	30.24 1.13 0.00	29.29 1.10 0.00	29.58 1.11 0.00	29.85 1.09 0.00	29.86 1.12 0.00	30.45 1.17 0.00	35.70 1.38 -1.39	35.92 1.28 -4.05	33.30 1.18 -3.35	32.51 1.13 -3.95	33.00 1.10 -4.46	31.59 1.04 -3.26	29.69 0.96 -3.43
GILBOA___2 23757	34.82 1.13 -6.19	32.03 1.10 -3.47	30.63 1.10 -2.09	30.76 1.07 -2.28	30.23 1.13 -1.61	33.97 1.26 -1.92	44.56 1.44 -7.11	44.96 1.56 -5.44	37.77 1.48 -0.21	33.08 1.36 0.00	31.06 1.16 0.00	30.24 1.13 0.00	29.29 1.10 0.00	29.58 1.11 0.00	29.85 1.09 0.00	29.86 1.12 0.00	30.45 1.17 0.00	35.70 1.38 -1.39	35.92 1.28 -4.05	33.30 1.18 -3.35	32.51 1.13 -3.95	33.00 1.10 -4.46	31.59 1.04 -3.26	29.69 0.96 -3.43
GILBOA___3 23758	34.82 1.13 -6.19	32.03 1.10 -3.47	30.63 1.10 -2.09	30.76 1.07 -2.28	30.23 1.13 -1.61	33.97 1.26 -1.92	44.56 1.44 -7.11	44.96 1.56 -5.44	37.77 1.48 -0.21	33.08 1.36 0.00	31.06 1.16 0.00	30.24 1.13 0.00	29.29 1.10 0.00	29.58 1.11 0.00	29.85 1.09 0.00	29.86 1.12 0.00	30.45 1.17 0.00	35.70 1.38 -1.39	35.92 1.28 -4.05	33.30 1.18 -3.35	32.51 1.13 -3.95	33.00 1.10 -4.46	31.59 1.04 -3.26	29.69 0.96 -3.43

GILBOA___4 23759	34.82 1.13 -6.19	32.03 1.10 -3.47	30.63 1.10 -2.09	30.76 1.07 -2.28	30.23 1.13 -1.61	33.97 1.26 -1.92	44.56 1.44 -7.11	44.96 1.56 -5.44	37.77 1.48 -0.21	33.08 1.36 0.00	31.06 1.16 0.00	30.24 1.13 0.00	29.29 1.10 0.00	29.58 1.11 0.00	29.85 1.09 0.00	29.86 1.12 0.00	30.45 1.17 0.00	35.70 1.38 -1.39	35.92 1.28 -4.05	33.30 1.18 -3.35	32.51 1.13 -3.95	33.00 1.10 -4.46	31.59 1.04 -3.26	29.69 0.96 -3.43
GILBOA____ 23599	34.81 1.13 -6.19	32.03 1.10 -3.47	30.60 1.07 -2.09	30.76 1.07 -2.28	30.23 1.13 -1.61	33.97 1.26 -1.92	44.56 1.44 -7.11	44.92 1.52 -5.44	37.77 1.48 -0.21	33.08 1.36 0.00	31.07 1.17 0.00	30.25 1.14 0.00	29.29 1.10 0.00	29.59 1.11 0.00	29.85 1.09 0.00	29.86 1.12 0.00	30.45 1.17 0.00	35.70 1.38 -1.39	35.92 1.28 -4.05	33.30 1.18 -3.35	32.51 1.13 -3.95	33.00 1.10 -4.46	31.59 1.04 -3.26	29.69 0.96 -3.43
GINNA____ 23603	26.32 -2.03 -0.86	25.78 -2.17 -0.48	25.53 -2.20 -0.29	25.51 -2.22 -0.31	25.63 -2.09 -0.22	28.83 -2.22 -0.27	34.22 -2.77 -0.98	35.64 -3.07 -0.75	33.15 -2.96 -0.03	29.12 -2.60 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.68 -2.51 0.00	25.74 -2.73 0.00	26.26 -2.50 0.00	26.09 -2.64 0.00	26.55 -2.69 0.03	30.55 -2.57 -0.19	28.85 -2.29 -0.56	26.87 -2.36 -0.46	25.71 -2.28 -0.55	25.70 -2.36 -0.62	25.17 -2.57 -0.45	23.55 -2.23 -0.47
GLEN PARK____ 23778	27.98 0.08 -0.41	27.69 0.00 -0.23	27.58 0.00 -0.14	27.61 0.05 -0.15	27.79 0.19 -0.11	31.25 0.34 -0.13	37.01 0.54 -0.47	38.96 0.64 -0.36	36.49 0.40 -0.01	31.72 0.00 0.00	29.87 -0.03 0.00	29.08 -0.03 0.00	28.16 -0.03 0.00	28.53 0.06 0.00	28.93 0.17 0.00	28.97 0.23 0.00	29.63 0.35 0.00	33.51 0.49 -0.09	31.06 0.22 -0.27	29.04 0.06 -0.22	27.67 -0.03 -0.26	27.73 0.00 -0.29	27.15 -0.36 -0.21	25.22 -0.30 -0.22
GLENDALE_27_KV_LOAD 356172	36.51 2.56 -6.45	33.55 2.47 -3.61	32.03 2.41 -2.18	32.14 2.36 -2.37	31.62 2.45 -1.67	35.50 2.71 -2.01	46.69 3.28 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.31 3.17 -13.42	44.24 2.96 -11.38	42.88 2.85 -10.91	42.84 2.73 -11.92	42.87 2.79 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	48.32 3.36 -12.03	45.59 3.12 -11.89	44.23 2.91 -12.56	39.14 2.72 -8.98	34.84 2.72 -4.68	33.27 2.57 -3.42	31.15 2.28 -3.57
GLENWOOD_IC_1_G5 23712	40.96 2.72 -10.75	38.02 2.64 -7.92	35.55 2.58 -5.53	35.96 2.55 -6.00	37.37 2.64 -7.24	42.25 2.92 -8.55	52.49 3.49 -12.99	54.33 3.64 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.01 2.82 0.00	31.41 2.93 0.00	37.57 2.93 -5.88	42.47 2.96 -10.78	46.94 2.81 -14.86	51.20 3.33 -14.95	51.78 3.12 -18.07	51.22 2.91 -19.57	49.47 2.69 -19.34	42.26 2.66 -12.16	37.97 2.70 -7.98	36.44 2.40 -8.73
GLENWOOD_IC_2_G1 23688	40.88 2.64 -10.75	37.94 2.55 -7.92	35.49 2.52 -5.53	35.88 2.47 -6.00	37.29 2.56 -7.24	42.16 2.83 -8.55	52.38 3.38 -12.99	54.44 3.76 -12.72	47.97 3.68 -8.20	40.77 3.27 -5.79	35.22 3.02 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.32 2.85 0.00	37.49 2.85 -5.88	42.39 2.87 -10.78	46.63 2.90 -14.45	51.26 3.39 -14.95	51.84 3.18 -18.07	51.28 2.94 -19.57	49.53 2.74 -19.34	42.18 2.77 -11.96	37.89 2.62 -7.98	36.36 2.33 -8.73
GLENWOOD_IC_3_G1 23689	40.88 2.64 -10.75	37.94 2.55 -7.92	35.49 2.52 -5.53	35.88 2.47 -6.00	37.29 2.56 -7.24	42.16 2.83 -8.55	52.38 3.38 -12.99	54.44 3.76 -12.72	47.97 3.68 -8.20	40.77 3.27 -5.79	35.22 3.02 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.32 2.85 0.00	37.49 2.85 -5.88	42.39 2.87 -10.78	46.63 2.90 -14.45	51.26 3.39 -14.95	51.84 3.18 -18.07	51.28 2.94 -19.57	49.53 2.74 -19.34	42.18 2.77 -11.96	37.89 2.62 -7.98	36.36 2.33 -8.73
GLENWOOD___4 23550	40.96 2.72 -10.75	38.02 2.64 -7.92	35.55 2.58 -5.53	35.96 2.55 -6.00	37.37 2.64 -7.24	42.25 2.92 -8.55	52.49 3.49 -12.99	54.40 3.72 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.01 2.82 0.00	31.41 2.93 0.00	37.57 2.93 -5.88	42.47 2.96 -10.78	47.00 2.87 -14.86	51.26 3.39 -14.95	51.84 3.18 -18.07	51.27 2.93 -19.57	49.53 2.74 -19.34	42.34 2.74 -12.16	37.97 2.70 -7.98	36.44 2.40 -8.73
GLENWOOD___5 23614	40.96 2.72 -10.75	38.02 2.64 -7.92	35.55 2.58 -5.53	35.96 2.55 -6.00	37.37 2.64 -7.24	42.25 2.92 -8.55	52.49 3.49 -12.99	54.40 3.72 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.01 2.82 0.00	31.41 2.93 0.00	37.57 2.93 -5.88	42.47 2.96 -10.78	47.00 2.87 -14.86	51.26 3.39 -14.95	51.84 3.18 -18.07	51.27 2.93 -19.57	49.53 2.74 -19.34	42.34 2.74 -12.16	37.97 2.70 -7.98	36.44 2.40 -8.73
GLOBAL GREEN_PORT_GT1 23814	42.04 3.80 -10.75	39.09 3.71 -7.92	36.67 3.70 -5.53	37.06 3.65 -6.00	38.53 3.80 -7.24	43.58 4.25 -8.55	54.11 5.11 -12.99	62.63 5.66 -19.01	49.55 5.27 -8.20	42.10 4.60 -5.79	36.44 4.24 -2.30	33.10 3.99 0.00	31.91 3.72 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.10 4.42 -21.40	59.12 5.24 -20.95	63.16 4.74 -27.84	60.75 4.40 -27.58	58.33 4.11 -26.77	44.09 4.06 -12.58	39.12 3.85 -7.98	37.47 3.44 -8.73
GLOBE___DSASP 323697	26.08 -2.42 -1.00	25.47 -2.55 -0.56	25.01 -2.77 -0.34	25.06 -2.71 -0.37	25.28 -2.47 -0.26	28.20 -2.89 -0.31	33.05 -4.10 -1.15	33.98 -4.86 -0.88	31.53 -4.58 -0.03	28.23 -3.49 0.00	26.40 -3.50 0.00	25.70 -3.41 0.00	24.75 -3.44 0.00	24.57 -3.90 0.00	25.14 -3.62 0.00	24.86 -3.88 0.00	25.20 -4.07 0.01	29.13 -4.02 -0.22	27.63 -3.61 -0.65	25.63 -3.68 -0.54	24.62 -3.46 -0.64	24.48 -3.68 -0.72	24.02 -3.79 -0.53	22.85 -2.99 -0.53
GOETHSLN___LBMP 323567	36.18 2.23 -6.45	33.22 2.14 -3.61	31.70 2.09 -2.18	31.78 2.00 -2.37	31.29 2.12 -1.67	35.10 2.31 -2.01	46.22 2.81 -7.41	48.49 3.19 -7.34	50.28 3.07 -11.13	47.50 2.73 -13.06	37.39 2.57 -4.92	35.04 2.47 -3.46	35.18 2.37 -4.63	35.13 2.42 -4.23	35.09 2.39 -3.95	34.97 2.44 -3.79	44.08 2.49 -12.32	47.75 2.90 -11.93	43.83 2.72 -10.52	43.22 2.53 -11.93	36.76 2.39 -6.94	34.49 2.39 -4.67	32.95 2.24 -3.42	30.82 1.95 -3.57
GOLAH___69_KV_TB 1_2 80279	27.58 -0.80 -0.88	27.05 -0.91 -0.49	26.61 -1.13 -0.30	26.64 -1.10 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.58 -1.44 -1.01	36.92 -1.82 -0.77	34.31 -1.80 -0.03	30.32 -1.40 0.00	28.37 -1.52 0.00	27.51 -1.60 0.00	26.58 -1.61 0.00	26.54 -1.94 0.00	27.09 -1.67 0.00	26.90 -1.84 0.00	27.33 -1.93 0.02	31.51 -1.61 -0.20	29.78 -1.38 -0.58	27.72 -1.52 -0.48	26.52 -1.48 -0.56	26.43 -1.65 -0.64	25.90 -1.86 -0.46	24.42 -1.37 -0.49
GOODYEAR_LAKE_HYD 323669	30.90 1.35 -2.06	29.94 1.32 -1.15	29.40 1.26 -0.69	29.45 1.29 -0.76	29.43 1.40 -0.53	33.08 1.66 -0.64	40.31 1.94 -2.36	41.82 2.05 -1.81	38.06 1.91 -0.07	33.30 1.59 0.00	31.36 1.47 0.00	30.54 1.43 0.00	29.57 1.38 0.00	29.84 1.37 0.00	30.20 1.44 0.00	30.20 1.47 0.00	30.89 1.61 -0.01	35.30 1.91 -0.46	33.73 1.80 -1.34	31.46 1.58 -1.11	30.20 1.45 -1.31	30.40 1.48 -1.48	29.55 1.17 -1.08	27.53 1.09 -1.14

GOUDEY___7	29.82	28.79	28.20	28.26	28.25	31.67	38.67	39.94	36.19	32.00	30.08	29.29	28.30	28.48	28.88	28.79	29.32	33.54	32.12	29.96	28.85	29.00	28.21	26.40
345031	0.16	0.11	0.03	0.05	0.19	0.22	0.18	0.08	0.04	0.29	0.18	0.17	0.11	0.00	0.12	0.06	0.03	0.13	0.12	0.03	0.03	0.00	-0.22	-0.10
	-2.16	-1.21	-0.73	-0.79	-0.56	-0.67	-2.48	-1.90	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.48	-1.41	-1.17	-1.38	-1.56	-1.14	-1.20
GOUDEY___8	29.85	28.79	28.22	28.29	28.27	31.70	38.70	39.98	36.23	32.03	30.11	29.31	28.33	28.50	28.90	28.82	29.35	33.57	32.15	29.99	28.87	29.02	28.24	26.42
23579	0.19	0.11	0.05	0.08	0.22	0.25	0.22	0.11	0.07	0.32	0.21	0.20	0.14	0.03	0.14	0.09	0.06	0.16	0.15	0.06	0.05	0.03	-0.19	-0.08
	-2.16	-1.21	-0.73	-0.79	-0.56	-0.67	-2.48	-1.90	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.48	-1.41	-1.17	-1.38	-1.56	-1.14	-1.20
GOUDEY___8	29.82	28.79	28.20	28.26	28.25	31.67	38.67	39.94	36.19	32.00	30.08	29.29	28.30	28.48	28.88	28.79	29.32	33.54	32.12	29.96	28.85	29.00	28.21	26.40
23580	0.16	0.11	0.03	0.05	0.19	0.22	0.18	0.08	0.04	0.29	0.18	0.17	0.11	0.00	0.12	0.06	0.03	0.13	0.12	0.03	0.03	0.00	-0.22	-0.10
	-2.16	-1.21	-0.73	-0.79	-0.56	-0.67	-2.48	-1.90	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.48	-1.41	-1.17	-1.38	-1.56	-1.14	-1.20
GOWANUS_GT1_1	36.53	33.55	32.01	32.11	31.62	35.47	46.66	49.00	50.89	48.28	44.21	42.85	42.84	42.84	42.87	43.10	45.59	59.59	145.59	55.47	53.59	52.41	33.27	31.18
24077	2.58	2.47	2.39	2.33	2.45	2.68	3.24	3.68	3.57	3.14	2.93	2.82	2.73	2.76	2.76	2.79	2.87	3.36	3.12	2.91	2.74	2.74	2.57	2.30
	-6.45	-3.61	-2.18	-2.37	-1.67	-2.01	-7.41	-7.35	-11.24	-13.42	-11.38	-10.91	-11.92	-11.61	-11.35	-11.57	-13.44	-23.30	-111.89	-23.80	-23.40	-22.22	-3.42	-3.57
GOWANUS_GT1_2	36.53	33.55	32.01	32.11	31.62	35.47	46.66	49.00	50.89	48.28	44.21	42.85	42.84	42.84	42.87	43.10	45.59	59.59	145.59	55.47	53.59	52.41	33.27	31.18
24078	2.58	2.47	2.39	2.33	2.45	2.68	3.24	3.68	3.57	3.14	2.93	2.82	2.73	2.76	2.76	2.79	2.87	3.36	3.12	2.91	2.74	2.74	2.57	2.30
	-6.45	-3.61	-2.18	-2.37	-1.67	-2.01	-7.41	-7.35	-11.24	-13.42	-11.38	-10.91	-11.92	-11.61	-11.35	-11.57	-13.44	-23.30	-111.89	-23.80	-23.40	-22.22	-3.42	-3.57
GOWANUS_GT1_3	36.53	33.55	32.01	32.11	31.62	35.47	46.66	49.00	50.89	48.28	44.21	42.85	42.84	42.84	42.87	43.10	45.59	59.59	145.59	55.47	53.59	52.41	33.27	31.18
24079	2.58	2.47	2.39	2.33	2.45	2.68	3.24	3.68	3.57	3.14	2.93	2.82	2.73	2.76	2.76	2.79	2.87	3.36	3.12	2.91	2.74	2.74	2.57	2.30
	-6.45	-3.61	-2.18																					

GOWANUS_GT2_5 24118	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT2_6 24119	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT2_7 24120	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT2_8 24121	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT3_1 24122	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT3_2 24123	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
GOWANUS_GT3_3 24124	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.	

GOWANUS_GT4_4 24133	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GOWANUS_GT4_5 24134	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GOWANUS_GT4_6 24135	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GOWANUS_GT4_7 24136	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GOWANUS_GT4_8 24137	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GREENBSH_115KV_TB3 55895	36.72 1.43 -7.80	33.26 1.43 -4.37	31.53 1.45 -2.63	31.73 1.45 -2.87	31.00 1.48 -2.02	34.84 1.63 -2.42	46.76 1.80 -8.95	46.33 1.52 -6.85	37.89 1.55 -0.26	33.21 1.49 0.00	30.89 0.99 0.00	30.10 0.99 0.00	29.20 1.01 0.00	29.53 1.05 0.00	29.71 0.95 0.00	29.77 1.03 0.00	30.33 1.05 0.00	35.86 1.19 -1.75	36.26 1.07 -4.61	33.96 0.98 -4.22	33.37 0.96 -4.97	33.99 0.93 -5.62	32.55 1.15 -4.11	30.88 1.27 -4.32
GREENDGE_115KV_TB5 80291	29.22 0.30 -1.42	28.46 0.19 -0.80	28.00 0.08 -0.48	28.10 0.16 -0.52	28.22 0.36 -0.37	31.69 0.46 -0.44	37.96 0.32 -1.63	39.44 0.23 -1.25	36.17 0.04 -0.05	32.13 0.41 0.00	30.11 0.21 0.00	29.29 0.17 0.00	28.30 0.11 0.00	28.39 -0.09 0.00	28.90 0.14 0.00	28.74 0.00 0.00	29.33 -0.03 -0.08	33.28 0.03 -0.32	31.79 0.28 -0.93	29.62 0.09 -0.77	28.46 0.11 -0.91	28.52 0.05 -1.02	27.71 -0.33 -0.75	25.89 -0.20 -0.79
GREENIDGE___3 23582	29.22 0.30 -1.42	28.46 0.19 -0.80	28.00 0.08 -0.48	28.10 0.16 -0.52	28.22 0.36 -0.37	31.69 0.46 -0.44	37.96 0.32 -1.63	39.44 0.23 -1.25	36.17 0.04 -0.05	32.13 0.41 0.00	30.11 0.21 0.00	29.29 0.17 0.00	28.30 0.11 0.00	28.39 -0.09 0.00	28.90 0.14 0.00	28.74 0.00 0.00	29.33 -0.03 -0.08	33.28 0.03 -0.32	31.79 0.28 -0.93	29.62 0.09 -0.77	28.46 0.11 -0.91	28.52 0.05 -1.02	27.71 -0.33 -0.75	25.89 -0.20 -0.79
GREENIDGE___4 23583	29.22 0.30 -1.42	28.46 0.19 -0.80	28.09 0.17 -0.48	28.10 0.17 -0.52	28.22 0.36 -0.37	31.69 0.46 -0.44	37.96 0.32 -1.63	39.44 0.23 -1.25	36.17 0.04 -0.05	32.10 0.38 0.00	30.11 0.21 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.39 -0.09 0.00	28.91 0.14 0.00	28.74 0.00 0.00	29.33 -0.03 -0.08	33.28 0.03 -0.32	31.79 0.27 -0.93	29.62 0.09 -0.77	28.43 0.08 -0.91	28.52 0.05 -1.02	27.71 -0.33 -0.75	25.89 -0.20 -0.79
GREENLWN_69_KV_BK 3 55738	40.88 2.64 -10.75	37.94 2.55 -7.92	35.47 2.50 -5.53	35.91 2.49 -6.00	37.32 2.58 -7.24	42.19 2.86 -8.55	52.42 3.42 -12.99	53.10 3.87 -11.26	48.00 3.72 -8.20	40.77 3.27 -5.79	35.25 3.05 -2.30	32.02 2.91 0.00	30.92 2.73 0.00	31.29 2.82 0.00	37.51 2.88 -5.88	41.63 2.93 -9.96	46.70 3.02 -14.40	49.94 3.46 -13.56	49.61 3.21 -15.81	49.48 2.99 -17.72	47.92 2.85 -17.62	42.86 2.85 -12.57	37.92 2.65 -7.98	36.38 2.35 -8.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57
GRISSOM___SOLAR 323813	39.30 2.91 -8.89	35.30 2.86 -4.98	33.24 2.80 -3.00	33.58 2.90 -3.27	32.69 2.89 -2.31	37.05 3.51 -2.76	50.25 4.03 -10.21	49.92 4.14 -7.82	40.17 3.79 -0.30	34.54 2.82 0.00	32.29 2.39 0.00	31.38 2.27 0.00	30.36 2.17 0.00	30.72 2.25 0.00	31.23 2.47 0.00	31.58 2.85 0.00	32.55 3.28 0.00	38.97 4.05 -1.99	40.19 3.79 -5.82	36.97 3.39 -4.81	36.37 3.26 -5.67	37.17 3.32 -6.41	34.82 2.84 -4.69	32.66 2.43 -4.92
GROVEVILLE___HYD 323602	36.14 2.23 -6.42	33.20 2.14 -3.60	31.69 2.09 -2.17	31.85 2.08 -2.36	31.28 2.12 -1.67	35.15 2.37 -1.99	46.22 2.84 -7.37	46.76 3.15 -5.64	39.62 3.32 -0.21	34.51 2.79 0.00	32.44 2.54 0.00	31.56 2.45 0.00	30.53 2.34 0.00	30.87 2.39 0.00	31.15 2.39 0.00	31.24 2.50 0.00	31.62 2.34 0.00	37.13 2.77 -1.44	37.38 2.60 -4.20	34.60 2.36 -3.47	33.75 2.22 -4.09	34.29 2.22 -4.63	32.72 2.05 -3.38	30.68 1.82 -3.55
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43
HAMLTNNY_34_KV_TB 80303	28.06 -0.25 -0.81	27.62 -0.30 -0.45	27.33 -0.38 -0.27	27.38 -0.33 -0.30	27.46 -0.25 -0.21	30.82 -0.22 -0.25	36.65 -0.29 -0.93	38.30 -0.38 -0.71	35.68 -0.43 -0.03	31.34 -0.38 0.00	29.45 -0.45 0.00	28.67 -0.44 0.00	27.77 -0.42 0.00	27.96 -0.51 0.00	28.39 -0.37 0.00	28.31 -0.43 0.00	28.85 -0.44 -0.02	32.81 -0.30 -0.18	30.87 -0.24 -0.53	28.92 -0.29 -0.44	27.68 -0.27 -0.52	27.75 -0.27 -0.59	27.25 -0.46 -0.43	25.37 -0.38 -0.45

HAMPSHIRE___PAPER_HYD 323593	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.04 -0.47 -0.07	27.07 -0.41 -0.07	27.10 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11
HARDSCRABBLE_WT_PWR 323673	28.07 0.58 0.00	28.13 0.66 0.00	28.15 0.71 0.00	28.21 0.80 0.00	28.40 0.91 0.00	31.86 1.08 0.00	37.23 1.22 0.00	39.33 1.36 0.00	37.45 1.37 0.00	32.92 1.20 0.00	31.04 1.14 0.00	30.22 1.11 0.00	29.26 1.07 0.00	29.53 1.05 0.00	29.83 1.06 0.00	29.68 0.95 0.00	30.01 0.73 0.00	33.55 0.62 0.00	31.10 0.52 0.00	29.23 0.46 0.00	27.88 0.44 0.00	27.99 0.55 0.00	27.84 0.55 0.00	25.81 0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.29 1.84 -5.95	32.56 1.76 -3.33	31.18 1.73 -2.01	31.30 1.70 -2.19	30.80 1.76 -1.54	34.60 1.97 -1.85	45.18 2.34 -6.83	45.81 2.62 -5.23	38.77 2.49 -0.20	33.87 2.16 0.00	31.90 2.00 0.00	31.03 1.92 0.00	30.05 1.86 0.00	30.35 1.88 0.00	30.63 1.87 0.00	30.66 1.93 0.00	31.27 1.99 0.00	36.66 2.40 -1.33	36.73 2.26 -3.89	34.03 2.04 -3.22	33.15 1.92 -3.79	33.65 1.92 -4.29	32.17 1.75 -3.14	30.16 1.57 -3.29
HARSNRAD_115KV_TB1 81005	26.42 -2.06 -0.99	25.82 -2.20 -0.55	25.36 -2.41 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.75 -3.38 -1.13	34.77 -4.06 -0.87	32.29 -3.82 -0.03	28.99 -2.73 0.00	27.09 -2.81 0.00	26.35 -2.77 0.00	25.37 -2.82 0.00	25.17 -3.30 0.00	25.74 -3.02 0.00	25.43 -3.30 0.00	25.78 -3.48 0.01	29.72 -3.42 -0.22	28.17 -3.06 -0.65	26.11 -3.19 -0.53	25.05 -3.02 -0.63	24.91 -3.24 -0.71	24.40 -3.41 -0.52	23.22 -2.63 -0.54
HARZA MOOSE___RIVER 24016	28.29 0.55 -0.25	28.13 0.52 -0.14	28.02 0.49 -0.08	28.05 0.55 -0.09	28.19 0.63 -0.06	31.66 0.80 -0.08	37.33 1.04 -0.28	39.32 1.14 -0.22	37.07 0.97 -0.01	32.35 0.63 0.00	30.47 0.57 0.00	29.66 0.55 0.00	28.73 0.54 0.00	29.04 0.57 0.00	29.45 0.69 0.00	29.43 0.69 0.00	30.01 0.73 0.00	33.84 0.86 -0.06	31.23 0.49 -0.16	29.27 0.37 -0.13	27.90 0.30 -0.16	27.92 0.30 -0.18	27.50 0.08 -0.13	25.54 0.10 -0.14
HDSNBRDG_115KV_BRDG_TB1 355580	27.66 -0.55 -0.71	27.23 -0.63 -0.40	26.99 -0.69 -0.24	27.01 -0.66 -0.26	27.13 -0.55 -0.18	30.42 -0.58 -0.22	36.10 -0.72 -0.82	37.79 -0.80 -0.62	35.28 -0.83 -0.02	31.02 -0.70 0.00	29.12 -0.78 0.00	28.38 -0.73 0.00	27.48 -0.70 0.00	27.68 -0.80 0.00	28.07 -0.69 0.00	28.02 -0.72 0.00	28.52 -0.76 0.00	32.43 -0.66 -0.16	30.47 -0.58 -0.46	28.58 -0.58 -0.38	27.37 -0.52 -0.45	27.43 -0.52 -0.51	26.95 -0.71 -0.37	25.09 -0.61 -0.39
HELLGATE_13_KV_LD 55870	36.40 2.45 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.15 3.01 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.73 2.62 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.40 2.45 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.51 3.10 -7.41	48.81 3.49 -7.35	50.68 3.36 -11.24	48.15 3.01 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.73 2.62 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.03 2.15 -3.57
HEMPSTEAD____ 23647	40.82 2.58 -10.75	37.89 2.50 -7.92	35.44 2.47 -5.53	35.85 2.44 -6.00	37.24 2.50 -7.24	42.07 2.74 -8.55	52.27 3.28 -12.99	54.37 3.68 -12.72	47.86 3.57 -8.20	40.68 3.17 -5.79	35.16 2.96 -2.30	31.97 2.85 0.00	30.87 2.68 0.00	31.27 2.79 0.00	37.43 2.79 -5.88	42.33 2.82 -10.78	47.18 2.84 -15.06	51.20 3.32 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.47 2.69 -19.34	42.42 2.72 -12.26	37.84 2.56 -7.98	36.33 2.30 -8.73
HEWLETT__69_KV_BK3 55828	41.10 2.86 -10.75	38.16 2.77 -7.92	35.69 2.72 -5.53	36.10 2.69 -6.00	37.51 2.78 -7.24	42.38 3.05 -8.55	52.63 3.64 -12.99	54.78 4.10 -12.72	48.22 3.93 -8.20	41.03 3.52 -5.79	35.43 3.23 -2.30	32.23 3.11 0.00	31.15 2.96 0.00	31.52 3.05 0.00	37.66 3.02 -5.88	42.59 3.07 -10.78	46.92 3.16 -14.48	51.63 3.75 -14.95	52.17 3.52 -18.07	51.59 3.25 -19.57	49.80 3.02 -19.34	42.44 3.02 -11.98	38.08 2.81 -7.98	36.54 2.50 -8.73
HICKLING___1 23621	29.58 0.30 -1.79	28.69 0.22 -1.00	28.15 0.11 -0.60	28.23 0.16 -0.66	28.34 0.38 -0.46	31.80 0.46 -0.56	38.42 0.36 -2.05	39.76 0.23 -1.57	36.25 0.11 -0.06	32.29 0.57 0.00	30.32 0.42 0.00	29.49 0.38 0.00	28.44 0.25 0.00	28.50 0.03 0.00	28.96 0.20 0.00	28.79 0.06 0.00	29.30 0.00 -0.03	33.39 0.07 -0.40	31.84 0.09 -1.17	29.65 -0.09 -0.97	28.52 -0.05 -1.14	28.59 -0.14 -1.29	27.77 -0.46 -0.94	26.01 -0.28 -0.99
HICKLING___2 23622	29.58 0.30 -1.79	28.69 0.22 -1.00	28.15 0.11 -0.60	28.23 0.16 -0.66	28.34 0.38 -0.46	31.80 0.46 -0.56	38.42 0.36 -2.05	39.76 0.23 -1.57	36.25 0.11 -0.06	32.29 0.57 0.00	30.32 0.42 0.00	29.49 0.38 0.00	28.44 0.25 0.00	28.50 0.03 0.00	28.96 0.20 0.00	28.79 0.06 0.00	29.30 0.00 -0.03	33.39 0.07 -0.40	31.84 0.09 -1.17	29.65 -0.09 -0.97	28.52 -0.05 -1.14	28.59 -0.14 -1.29	27.77 -0.46 -0.94	26.01 -0.28 -0.99
HIGH FALLS___HY 23754	35.81 1.98 -6.34	32.88 1.87 -3.55	31.39 1.81 -2.14	31.55 1.81 -2.33	31.01 1.87 -1.64	34.88 2.12 -1.97	45.87 2.59 -7.28	46.53 3.00 -5.57	39.11 2.81 -0.21	34.03 2.32 0.00	32.11 2.21 0.00	31.21 2.10 0.00	29.97 1.78 0.00	30.30 1.82 0.00	30.60 1.84 0.00	30.66 1.93 0.00	31.30 2.02 0.00	36.75 2.40 -1.42	37.05 2.32 -4.14	34.24 2.04 -3.43	33.56 2.09 -4.04	34.15 2.14 -4.57	32.49 1.86 -3.34	30.40 1.59 -3.51
HILLBURN___GT 23639	35.31 1.79 -6.03	32.58 1.73 -3.38	31.18 1.70 -2.04	31.30 1.67 -2.22	30.79 1.73 -1.57	34.57 1.91 -1.87	45.20 2.27 -6.93	45.88 2.62 -5.30	38.77 2.49 -0.20	33.94 2.22 0.00	31.99 2.09 0.00	31.12 2.01 0.00	30.13 1.94 0.00	30.44 1.96 0.00	30.66 1.90 0.00	30.69 1.96 0.00	31.30 2.02 0.00	36.71 2.44 -1.35	36.82 2.29 -3.94	34.13 2.10 -3.26	33.23 1.95 -3.84	33.73 1.95 -4.35	32.30 1.83 -3.18	30.24 1.60 -3.34
HILLSIDE_115KV_TB1 80332	29.13 -0.19 -1.83	28.22 -0.27 -1.03	27.70 -0.36 -0.62	27.75 -0.33 -0.67	27.83 -0.14 -0.48	31.20 -0.15 -0.57	37.78 -0.32 -2.10	39.04 -0.53 -1.61	35.57 -0.58 -0.06	31.72 0.00 0.00	29.81 -0.09 0.00	28.99 -0.12 0.00	27.99 -0.20 0.00	28.05 -0.43 0.00	28.47 -0.29 0.00	28.33 -0.40 0.00	28.86 -0.44 -0.02	32.88 -0.46 -0.41	31.38 -0.40 -1.20	29.24 -0.52 -0.99	28.11 -0.49 -1.17	28.21 -0.55 -1.32	27.44 -0.82 -0.97	25.73 -0.58 -1.01

HISHELDN_WT_PWR 323625	26.58 -1.95 -1.04	25.96 -2.09 -0.58	25.68 -2.11 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.80 -2.31 -0.32	33.99 -3.20 -1.19	34.96 -3.91 -0.91	32.47 -3.64 -0.03	29.40 -2.31 0.00	27.45 -2.45 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.26 -3.22 0.00	25.74 -3.02 0.00	25.35 -3.39 0.00	25.63 -3.63 0.01	29.31 -3.85 -0.23	27.68 -3.58 -0.68	25.62 -3.71 -0.56	24.59 -3.51 -0.66	24.48 -3.71 -0.75	23.96 -3.88 -0.55	22.81 -3.06 -0.57
HOLTSVILLE_IC_1 23690	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
HOLTSVILLE_IC_10 23699	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	62.05 4.71 -19.38	48.65 4.36 -8.20	41.31 3.80 -5.79	35.79 3.59 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.74 3.50 -14.50	54.62 3.63 -21.72	58.38 4.15 -21.30	62.87 3.88 -28.40	60.44 3.62 -28.04	58.07 3.43 -27.20	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
HOLTSVILLE_IC_2 23691	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
HOLTSVILLE_IC_3 23692	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
HOLTSVILLE_IC_4 23693	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
HOLTSVILLE_IC_5 23694	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
HOLTSVILLE_IC_6 23695	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	62.05 4.71 -19.38	48.65 4.36 -8.20	41.31 3.80 -5.79	35.79 3.59 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.74 3.50 -14.50	54.62 3.63 -21.72	58.38 4.15 -21.30	62.87 3.88 -28.40	60.44 3.62 -28.04	58.07 3.43 -27.20	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
HOLTSVILLE_IC_7 23696	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	62.05 4.71 -19.38	48.65 4.36 -8.20	41.31 3.80 -5.79	35.79 3.59 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.74 3.50 -14.50	54.62 3.63 -21.72	58.38 4.15 -21.30	62.87 3.88 -28.40	60.44 3.62 -28.04	58.07 3.43 -27.20	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
HOLTSVILLE_IC_8 23697	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	62.05 4.71 -19.38	48.65 4.36 -8.20	41.31 3.80 -5.79	35.79 3.59 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.74 3.50 -14.50	54.62 3.63 -21.72	58.38 4.15 -21.30	62.87 3.88 -28.40	60.44 3.62 -28.04	58.07 3.43 -27.20	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
HOLTSVILLE_IC_9 23698	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	62.05 4.71 -19.38	48.65 4.36 -8.20	41.31 3.80 -5.79	35.79 3.59 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.74 3.50 -14.50	54.62 3.63 -21.72	58.38 4.15 -21.30	62.87 3.88 -28.40	60.44 3.62 -28.04	58.07 3.43 -27.20	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
HOMER_HL_115KV_TB2 355744	26.65 -2.06 -1.21	25.98 -2.17 -0.68	25.49 -2.36 -0.41	25.53 -2.33 -0.45	25.77 -2.03 -0.31	28.79 -2.37 -0.38	34.23 -3.17 -1.39	35.31 -3.72 -1.07	32.62 -3.50 -0.04	30.51 -1.21 0.00	28.64 -1.26 0.00	27.77 -1.34 0.00	26.72 -1.47 0.00	26.51 -1.96 0.00	26.98 -1.78 0.00	26.67 -2.07 0.00	26.85 -2.43 0.00	29.84 -3.36 -0.27	28.29 -3.09 -0.79	26.20 -3.22 -0.66	25.14 -3.07 -0.77	25.02 -3.29 -0.87	24.38 -3.55 -0.64	23.16 -2.81 -0.67
HOWARD_WT_PWR 323690	29.76 0.74 -1.53	29.01 0.69 -0.85	28.67 0.71 -0.51	28.68 0.71 -0.56	28.85 0.96 -0.40	32.43 1.17 -0.47	39.05 1.29 -1.75	40.59 1.29 -1.34	37.14 1.01 -0.05	33.05 1.33 0.00	30.92 1.02 0.00	29.92 0.81 0.00	28.84 0.65 0.00	28.82 0.34 0.00	29.28 0.52 0.00	28.99 0.26 0.00	29.48 0.18 -0.03	33.50 0.23 -0.34	31.82 0.24 -1.00	29.56 -0.03 -0.82	28.38 -0.03 -0.97	28.40 -0.14 -1.10	27.47 -0.63 -0.80	25.67 -0.48 -0.84
HQ_GEN_CEDARS 23644	26.97 -0.52 0.00	26.97 -0.49 0.00	27.06 -0.38 0.00	27.03 -0.38 0.00	27.00 -0.49 0.00	30.17 -0.62 0.00	35.36 -0.65 0.00	37.36 -0.61 0.00	35.51 -0.58 0.00	31.12 -0.60 0.00	29.54 -0.36 0.00	28.79 -0.32 0.00	27.88 -0.31 0.00	28.22 -0.26 0.00	28.50 -0.26 0.00	28.42 -0.32 0.00	28.87 -0.41 0.00	32.23 -0.69 0.00	29.88 -0.70 0.00	28.16 -0.60 0.00	26.86 -0.58 0.00	26.86 -0.58 0.00	26.91 -0.38 0.00	24.95 -0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	26.97 -0.52 0.00	26.97 -0.49 0.00	27.03 -0.41 0.00	27.03 -0.38 0.00	27.00 -0.49 0.00	30.17 -0.62 0.00	35.36 -0.65 0.00	37.35 -0.61 0.00	35.30 -0.58 0.21	31.32 -0.60 -0.21	29.54 -0.36 0.00	28.79 -0.32 0.00	27.88 -0.31 0.00	28.25 -0.23 0.00	28.50 -0.26 0.00	28.42 -0.32 0.00	28.87 -0.41 0.00	32.23 -0.69 0.00	29.88 -0.70 0.00	28.16 -0.61 0.00	26.86 -0.58 0.00	26.86 -0.58 0.00	26.91 -0.38 0.00	24.95 -0.35 0.00

HQ_GEN_IMPORT 323601	27.00 -0.49 0.00	27.00 -0.47 0.00	27.00 -0.44 0.00	27.00 -0.41 0.00	27.00 -0.49 0.00	30.20 -0.59 0.00	35.36 -0.65 0.00	37.32 -0.65 0.00	35.26 -0.61 0.21	31.35 -0.57 -0.21	29.51 -0.39 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.13 -0.34 0.00	28.42 -0.34 0.00	28.36 -0.37 0.00	28.87 -0.41 0.00	32.30 -0.63 0.00	30.00 -0.58 0.00	28.28 -0.49 0.00	27.00 -0.44 0.00	27.00 -0.44 0.00	26.99 -0.30 0.00	25.00 -0.30 0.00
HQ_GEN_WHEEL 23651	27.00 -0.49 0.00	27.00 -0.47 0.00	27.00 -0.44 0.00	27.00 -0.41 0.00	27.00 -0.49 0.00	30.20 -0.59 0.00	35.36 -0.65 0.00	37.32 -0.65 0.00	35.26 -0.61 0.21	31.35 -0.57 -0.21	29.51 -0.39 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.13 -0.34 0.00	28.42 -0.34 0.00	28.36 -0.37 0.00	28.87 -0.41 0.00	32.30 -0.63 0.00	30.00 -0.58 0.00	28.28 -0.49 0.00	27.00 -0.44 0.00	27.00 -0.44 0.00	26.99 -0.30 0.00	25.00 -0.30 0.00
HUDSON AVE_GT_3 23810	36.31 2.36 -6.45	33.39 2.31 -3.61	31.84 2.22 -2.18	31.95 2.17 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.01	46.44 3.02 -7.41	48.72 3.42 -7.34	50.53 3.32 -11.13	47.72 2.95 -13.06	37.54 2.72 -4.92	35.19 2.62 -3.46	35.35 2.54 -4.63	35.27 2.56 -4.23	35.27 2.56 -3.95	35.12 2.59 -3.79	44.23 2.63 -12.32	47.95 3.10 -11.93	44.01 2.91 -10.52	43.37 2.68 -11.93	36.90 2.52 -6.94	34.63 2.52 -4.67	33.08 2.37 -3.42	30.98 2.10 -3.57
HUDSON AVE_GT_4 23540	36.31 2.36 -6.45	33.39 2.31 -3.61	31.84 2.22 -2.18	31.95 2.17 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.01	46.44 3.02 -7.41	48.72 3.42 -7.34	50.53 3.32 -11.13	47.72 2.95 -13.06	37.54 2.72 -4.92	35.19 2.62 -3.46	35.35 2.54 -4.63	35.27 2.56 -4.23	35.27 2.56 -3.95	35.12 2.59 -3.79	44.23 2.63 -12.32	47.95 3.10 -11.93	44.01 2.91 -10.52	43.37 2.68 -11.93	36.90 2.52 -6.94	34.63 2.52 -4.67	33.08 2.37 -3.42	30.98 2.10 -3.57
HUDSON AVE_GT_5 23657	36.31 2.36 -6.45	33.39 2.31 -3.61	31.84 2.22 -2.18	31.95 2.17 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.01	46.44 3.02 -7.41	48.72 3.42 -7.34	50.53 3.32 -11.13	47.72 2.95 -13.06	37.54 2.72 -4.92	35.19 2.62 -3.46	35.35 2.54 -4.63	35.27 2.56 -4.23	35.27 2.56 -3.95	35.12 2.59 -3.79	44.23 2.63 -12.32	47.95 3.10 -11.93	44.01 2.91 -10.52	43.37 2.68 -11.93	36.90 2.52 -6.94	34.63 2.52 -4.67	33.08 2.37 -3.42	30.98 2.10 -3.57
HUDSON_AVE_10 24168	36.31 2.36 -6.45	33.36 2.28 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.68 3.38 -7.34	50.50 3.28 -11.13	47.66 2.89 -13.06	37.51 2.69 -4.92	35.16 2.59 -3.46	35.30 2.48 -4.63	35.24 2.53 -4.23	35.21 2.50 -3.95	35.09 2.56 -3.79	44.20 2.61 -12.32	47.92 3.06 -11.93	43.98 2.87 -10.52	43.34 2.65 -11.93	36.87 2.50 -6.94	34.60 2.50 -4.67	33.05 2.35 -3.42	30.95 2.07 -3.57
HUDSON___115KV_TB 4 355613	36.89 1.79 -7.61	33.51 1.79 -4.26	31.79 1.78 -2.57	32.05 1.84 -2.80	31.26 1.79 -1.97	35.21 2.06 -2.36	47.09 2.34 -8.74	46.74 2.09 -6.69	38.46 2.13 -0.25	33.56 1.84 0.00	31.16 1.26 0.00	30.36 1.25 0.00	29.43 1.24 0.00	29.78 1.31 0.00	30.06 1.29 0.00	30.17 1.44 0.00	30.80 1.52 0.00	36.25 1.61 -1.71	36.78 1.56 -4.64	34.24 1.35 -4.12	33.61 1.32 -4.85	34.21 1.29 -5.48	32.69 1.39 -4.01	31.06 1.54 -4.21
HUNTER MOUNT___DRP 323613	36.82 1.92 -7.41	33.51 1.90 -4.15	31.83 1.89 -2.50	32.11 1.97 -2.72	31.34 1.92 -1.92	35.33 2.25 -2.30	47.06 2.56 -8.50	46.71 2.24 -6.51	38.60 2.27 -0.25	33.65 1.93 0.00	31.16 1.26 0.00	30.36 1.25 0.00	29.43 1.24 0.00	29.78 1.31 0.00	30.08 1.32 0.00	30.23 1.49 0.00	30.89 1.61 0.00	36.23 1.65 -1.66	36.79 1.62 -4.59	34.12 1.35 -4.00	33.45 1.29 -4.72	34.04 1.26 -5.33	32.56 1.36 -3.90	30.92 1.52 -4.10
HUNTINGTON_RES_REC 323705	41.10 2.86 -10.75	38.16 2.77 -7.92	35.69 2.72 -5.53	36.10 2.69 -6.00	37.51 2.78 -7.24	42.44 3.11 -8.55	52.74 3.74 -12.99	50.25 4.25 -8.03	48.22 3.93 -8.20	40.96 3.46 -5.79	35.43 3.23 -2.30	32.20 3.08 0.00	31.09 2.90 0.00	31.44 2.96 0.00	37.72 3.08 -5.88	40.06 3.16 -8.16	44.08 3.28 -11.52	47.18 3.78 -10.47	44.93 3.55 -10.80	45.68 3.31 -13.61	44.35 3.10 -13.81	43.04 3.02 -12.58	38.14 2.86 -7.98	36.59 2.55 -8.73
HUNTLEY___63 23557	26.61 -1.90 -1.01	26.00 -2.03 -0.57	25.51 -2.28 -0.34	25.59 -2.19 -0.37	25.81 -1.95 -0.26	28.85 -2.25 -0.32	33.93 -3.24 -1.17	34.98 -3.87 -0.89	32.47 -3.64 -0.03	29.21 -2.51 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.37 -3.10 0.00	25.91 -2.85 0.00	25.60 -3.13 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.31 -2.94 -0.66	26.21 -3.11 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.47 -3.36 -0.54	23.27 -2.58 -0.55
HUNTLEY___64 23558	26.61 -1.90 -1.01	26.00 -2.03 -0.57	25.51 -2.28 -0.34	25.59 -2.19 -0.37	25.81 -1.95 -0.26	28.85 -2.25 -0.32	33.93 -3.24 -1.17	34.98 -3.87 -0.89	32.47 -3.64 -0.03	29.21 -2.51 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.37 -3.10 0.00	25.91 -2.85 0.00	25.60 -3.13 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.31 -2.94 -0.66	26.21 -3.11 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.47 -3.36 -0.54	23.27 -2.58 -0.55
HUNTLEY___65 23559	26.61 -1.90 -1.01	26.00 -2.03 -0.57	25.51 -2.28 -0.34	25.59 -2.19 -0.37	25.81 -1.95 -0.26	28.85 -2.25 -0.32	33.93 -3.24 -1.17	34.98 -3.87 -0.89	32.47 -3.64 -0.03	29.21 -2.51 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.37 -3.10 0.00	25.91 -2.85 0.00	25.60 -3.13 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.31 -2.94 -0.66	26.21 -3.11 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.47 -3.36 -0.54	23.27 -2.58 -0.55
HUNTLEY___66 23560	26.61 -1.90 -1.01	26.00 -2.03 -0.57	25.51 -2.28 -0.34	25.59 -2.19 -0.37	25.81 -1.95 -0.26	28.85 -2.25 -0.32	33.93 -3.24 -1.17	34.98 -3.87 -0.89	32.47 -3.64 -0.03	29.21 -2.51 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.37 -3.10 0.00	25.91 -2.85 0.00	25.60 -3.13 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.31 -2.94 -0.66	26.21 -3.11 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.47 -3.36 -0.54	23.27 -2.58 -0.55
HUNTLEY___67 23561	26.54 -1.98 -1.03	25.93 -2.11 -0.57	25.45 -2.33 -0.35	25.51 -2.28 -0.38	25.73 -2.03 -0.27	28.73 -2.37 -0.32	33.87 -3.31 -1.18	34.88 -3.99 -0.90	32.36 -3.75 -0.03	29.18 -2.54 0.00	27.27 -2.63 0.00	26.52 -2.59 0.00	25.54 -2.65 0.00	25.34 -3.13 0.00	25.88 -2.88 0.00	25.60 -3.13 0.00	25.93 -3.34 0.01	29.80 -3.36 -0.23	28.22 -3.03 -0.67	26.16 -3.16 -0.55	25.10 -2.99 -0.65	25.00 -3.18 -0.74	24.47 -3.36 -0.54	23.26 -2.61 -0.57
HUNTLEY___68 23562	26.54 -1.98 -1.03	25.93 -2.11 -0.57	25.45 -2.33 -0.35	25.51 -2.28 -0.38	25.73 -2.03 -0.27	28.73 -2.37 -0.32	33.87 -3.31 -1.18	34.88 -3.99 -0.90	32.36 -3.75 -0.03	29.18 -2.54 0.00	27.27 -2.63 0.00	26.52 -2.59 0.00	25.54 -2.65 0.00	25.34 -3.13 0.00	25.88 -2.88 0.00	25.60 -3.13 0.00	25.93 -3.34 0.01	29.80 -3.36 -0.23	28.22 -3.03 -0.67	26.16 -3.16 -0.55	25.10 -2.99 -0.65	25.00 -3.18 -0.74	24.47 -3.36 -0.54	23.26 -2.61 -0.57

HYLAND___LFGE 323620	29.78 0.99 -1.30	28.99 0.80 -0.73	28.65 0.77 -0.44	28.60 0.71 -0.48	28.79 0.96 -0.34	32.51 1.32 -0.40	39.05 1.55 -1.49	40.63 1.52 -1.14	37.28 1.15 -0.04	32.89 1.17 0.00	30.53 0.63 0.00	29.52 0.41 0.00	28.56 0.37 0.00	28.53 0.06 0.00	29.22 0.46 0.00	29.11 0.37 0.00	29.81 0.53 -0.01	34.27 1.05 -0.29	32.59 1.16 -0.85	30.22 0.75 -0.70	28.93 0.66 -0.83	28.93 0.55 -0.94	28.00 0.03 -0.69	26.12 0.10 -0.72
INDECK___CORINTH 23802	36.53 0.99 -8.04	32.91 0.93 -4.50	31.11 0.96 -2.71	31.38 1.01 -2.96	30.54 0.96 -2.09	34.48 1.20 -2.50	46.68 1.44 -9.24	46.47 1.44 -7.07	37.76 1.41 -0.27	32.76 1.05 0.00	30.62 0.72 0.00	29.81 0.70 0.00	28.84 0.65 0.00	29.19 0.71 0.00	29.48 0.72 0.00	29.63 0.89 0.00	30.33 1.05 0.00	36.11 1.38 -1.80	37.70 1.31 -5.80	34.30 1.18 -4.35	33.69 1.13 -5.13	34.30 1.07 -5.79	32.43 0.90 -4.24	30.51 0.76 -4.45
INDECK___ILION 23567	28.10 0.60 0.00	28.10 0.63 0.00	28.07 0.63 0.00	28.07 0.66 0.00	28.24 0.74 0.00	31.65 0.86 0.00	36.98 0.97 0.00	39.03 1.06 0.00	37.09 1.01 0.00	32.57 0.86 0.00	30.68 0.78 0.00	29.87 0.76 0.00	28.92 0.73 0.00	29.24 0.77 0.00	29.54 0.78 0.00	29.48 0.75 0.00	29.95 0.67 0.00	33.65 0.72 0.00	31.22 0.64 0.00	29.34 0.58 0.00	27.96 0.52 0.00	28.02 0.58 0.00	27.84 0.55 0.00	25.81 0.51 0.00
INDECK___OLEAN 23982	26.65 -2.06 -1.21	25.98 -2.17 -0.68	25.63 -2.22 -0.41	25.53 -2.33 -0.45	25.77 -2.03 -0.31	28.82 -2.34 -0.38	34.23 -3.17 -1.39	35.35 -3.68 -1.07	32.52 -3.61 -0.04	30.51 -1.21 0.00	28.61 -1.28 0.00	27.71 -1.40 0.00	26.72 -1.47 0.00	26.48 -1.99 0.00	26.98 -1.78 0.00	26.67 -2.07 0.00	26.85 -2.43 0.00	29.84 -3.36 -0.27	28.29 -3.09 -0.79	26.20 -3.22 -0.66	25.11 -3.10 -0.77	25.02 -3.29 -0.87	24.38 -3.55 -0.64	23.16 -2.81 -0.67
INDECK___OSWEGO 23783	27.30 -0.80 -0.61	26.96 -0.85 -0.34	26.77 -0.88 -0.21	26.76 -0.88 -0.22	26.83 -0.82 -0.16	30.08 -0.89 -0.19	35.66 -1.05 -0.70	37.36 -1.14 -0.53	34.95 -1.16 -0.02	30.70 -1.02 0.00	28.85 -1.05 0.00	28.09 -1.02 0.00	27.20 -0.99 0.00	27.45 -1.02 0.00	27.81 -0.95 0.00	27.76 -0.98 0.00	28.29 -1.00 -0.01	32.11 -0.96 -0.14	30.12 -0.86 -0.40	28.23 -0.86 -0.33	26.98 -0.85 -0.39	27.06 -0.82 -0.44	26.63 -0.98 -0.32	24.78 -0.86 -0.34
INDECK___YERKES 23781	26.64 -1.87 -1.01	26.03 -2.00 -0.57	25.72 -2.06 -0.34	25.62 -2.17 -0.37	25.83 -1.93 -0.26	28.85 -2.25 -0.32	33.97 -3.20 -1.17	34.95 -3.91 -0.89	32.47 -3.64 -0.03	29.28 -2.44 0.00	27.30 -2.60 0.00	26.46 -2.65 0.00	25.57 -2.62 0.00	25.34 -3.13 0.00	25.94 -2.82 0.00	25.63 -3.10 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.34 -2.91 -0.66	26.24 -3.08 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.49 -3.33 -0.54	23.30 -2.55 -0.55
INDIAN POINT_GT_1 24139	35.84 1.98 -6.36	32.95 1.92 -3.56	31.45 1.87 -2.15	31.59 1.84 -2.34	31.04 1.90 -1.65	34.85 2.09 -1.98	45.79 2.48 -7.31	46.40 2.85 -5.59	39.04 2.74 -0.21	34.16 2.44 0.00	32.17 2.27 0.00	31.29 2.18 0.00	30.30 2.11 0.00	30.61 2.14 0.00	30.86 2.10 0.00	30.89 2.16 0.00	31.47 2.20 0.00	36.95 2.60 -1.43	37.19 2.45 -4.16	34.48 2.27 -3.44	33.61 2.11 -4.05	34.14 2.11 -4.58	32.61 1.96 -3.35	30.54 1.72 -3.52
INDIAN POINT_GT_2 23659	35.84 1.98 -6.36	32.95 1.92 -3.56	31.45 1.87 -2.15	31.59 1.84 -2.34	31.04 1.90 -1.65	34.85 2.09 -1.98	45.79 2.48 -7.31	46.40 2.85 -5.59	39.04 2.74 -0.21	34.16 2.44 0.00	32.17 2.27 0.00	31.29 2.18 0.00	30.30 2.11 0.00	30.61 2.14 0.00	30.86 2.10 0.00	30.89 2.16 0.00	31.47 2.20 0.00	36.95 2.60 -1.43	37.19 2.45 -4.16	34.48 2.27 -3.44	33.61 2.11 -4.05	34.14 2.11 -4.58	32.61 1.96 -3.35	30.54 1.72 -3.52
INDIAN POINT_GT_3 24019	35.84 1.98 -6.36	32.95 1.92 -3.56	31.45 1.87 -2.15	31.59 1.84 -2.34	31.04 1.90 -1.65	34.85 2.09 -1.98	45.79 2.48 -7.31	46.40 2.85 -5.59	39.04 2.74 -0.21	34.16 2.44 0.00	32.17 2.27 0.00	31.29 2.18 0.00	30.30 2.11 0.00	30.61 2.14 0.00	30.86 2.10 0.00	30.89 2.16 0.00	31.47 2.20 0.00	36.95 2.60 -1.43	37.19 2.45 -4.16	34.48 2.27 -3.44	33.61 2.11 -4.05	34.14 2.11 -4.58	32.61 1.96 -3.35	30.54 1.72 -3.52
INDIAN POINT___2 23530	35.56 1.87 -6.20	32.72 1.78 -3.47	31.29 1.76 -2.09	31.42 1.73 -2.28	30.92 1.81 -1.61	34.68 1.97 -1.93	45.46 2.34 -7.12	46.10 2.70 -5.45	38.89 2.60 -0.21	34.03 2.31 0.00	32.05 2.15 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.50 2.02 0.00	30.74 1.98 0.00	30.78 2.04 0.00	31.39 2.11 0.00	36.82 2.50 -1.39	36.96 2.32 -4.05	34.28 2.16 -3.35	33.42 2.03 -3.95	33.91 2.00 -4.46	32.44 1.88 -3.27	30.38 1.64 -3.43
INDIAN POINT___3 23531	36.00 2.03 -6.47	33.07 1.98 -3.62	31.55 1.92 -2.18	31.68 1.89 -2.38	31.13 1.95 -1.68	34.95 2.15 -2.01	45.99 2.56 -7.43	46.57 2.92 -5.69	39.15 2.85 -0.22	34.26 2.54 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.04 2.67 -1.45	37.32 2.51 -4.23	34.57 2.30 -3.50	33.73 2.17 -4.12	34.30 2.20 -4.66	32.78 2.07 -3.41	30.71 1.82 -3.58
INGHAM_C_115KV_TB7 356103	28.32 0.82 0.00	28.35 0.88 0.00	28.35 0.91 0.00	28.40 0.99 0.00	28.59 1.10 0.00	32.08 1.29 0.00	37.45 1.44 0.00	39.56 1.59 0.00	37.63 1.55 0.00	33.05 1.33 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.67 1.20 0.00	29.97 1.21 0.00	29.86 1.12 0.00	30.21 0.94 0.00	33.85 0.92 0.00	31.38 0.80 0.00	29.49 0.72 0.00	28.10 0.66 0.00	28.24 0.80 0.00	28.05 0.76 0.00	26.04 0.73 0.00
IP CORINTH___1 23988	36.67 1.13 -8.04	33.07 1.10 -4.50	31.25 1.10 -2.71	31.55 1.18 -2.96	30.71 1.13 -2.09	34.67 1.39 -2.50	46.86 1.62 -9.24	46.70 1.67 -7.07	37.97 1.62 -0.27	32.92 1.21 0.00	30.77 0.87 0.00	29.96 0.84 0.00	29.01 0.82 0.00	29.36 0.88 0.00	29.65 0.89 0.00	29.77 1.03 0.00	30.48 1.20 0.00	36.28 1.55 -1.80	37.85 1.47 -5.80	34.44 1.32 -4.35	33.83 1.26 -5.13	34.47 1.23 -5.79	32.59 1.06 -4.24	30.64 0.89 -4.45
IP___TICONDEROGA 23804	37.86 2.34 -8.03	34.24 2.28 -4.50	32.40 2.25 -2.71	32.75 2.38 -2.95	31.86 2.28 -2.08	36.02 2.74 -2.49	48.46 3.24 -9.22	48.40 3.38 -7.05	39.60 3.25 -0.27	34.19 2.47 0.00	31.84 1.94 0.00	31.03 1.92 0.00	29.99 1.80 0.00	30.35 1.88 0.00	30.72 1.96 0.00	30.95 2.21 0.00	31.74 2.46 0.00	37.79 3.06 -1.80	39.30 2.87 -5.85	35.76 2.65 -4.34	35.08 2.52 -5.12	35.69 2.47 -5.78	33.68 2.16 -4.23	31.62 1.87 -4.44
ISLIP_RES_REC 323679	41.57 3.33 -10.75	38.63 3.24 -7.92	36.15 3.18 -5.53	36.56 3.15 -6.00	38.00 3.27 -7.24	42.99 3.66 -8.55	53.39 4.39 -12.99	61.68 4.93 -18.78	48.87 4.58 -8.20	41.50 4.00 -5.79	35.94 3.74 -2.30	32.66 3.55 0.00	31.51 3.32 0.00	31.86 3.39 0.00	38.23 3.59 -5.88	46.58 3.68 -14.16	54.25 3.80 -21.17	58.04 4.38 -20.73	62.16 4.10 -27.48	59.85 3.80 -27.28	57.53 3.59 -26.49	43.50 3.49 -12.58	38.63 3.36 -7.98	37.02 2.98 -8.73

JAMAICA__27_KV_LOAD 355505	36.59 2.64 -6.45	33.64 2.55 -3.61	32.09 2.47 -2.18	32.20 2.41 -2.37	31.67 2.50 -1.67	35.59 2.80 -2.01	46.80 3.38 -7.41	49.02 3.72 -7.34	50.82 3.61 -11.13	47.95 3.17 -13.06	37.72 2.90 -4.92	35.36 2.79 -3.46	35.52 2.71 -4.63	35.44 2.73 -4.23	35.44 2.73 -3.95	35.32 2.79 -3.79	44.46 2.87 -12.32	48.25 3.39 -11.93	44.29 3.18 -10.52	43.66 2.96 -11.93	37.15 2.77 -6.94	34.85 2.74 -4.67	33.30 2.59 -3.42	31.20 2.33 -3.57
JANIS__SOLAR 323808	30.88 1.54 -1.84	29.98 1.48 -1.03	29.52 1.45 -0.62	29.59 1.51 -0.68	29.71 1.73 -0.48	33.45 2.09 -0.57	40.64 2.52 -2.12	42.24 2.66 -1.62	38.38 2.24 -0.06	33.43 1.71 0.00	31.28 1.38 0.00	30.51 1.40 0.00	29.57 1.38 0.00	29.81 1.34 0.00	30.34 1.58 0.00	30.34 1.61 0.00	30.99 1.70 -0.02	35.41 2.08 -0.41	33.75 1.96 -1.21	31.40 1.64 -1.00	30.18 1.56 -1.17	30.33 1.56 -1.33	29.32 1.06 -0.97	27.39 1.06 -1.02
JARVIS____ 23743	27.83 0.33 0.00	27.80 0.33 0.00	27.77 0.33 0.00	27.74 0.33 0.00	27.85 0.36 0.00	31.18 0.40 0.00	36.47 0.47 0.00	38.46 0.49 0.00	36.55 0.47 0.00	32.13 0.41 0.00	30.23 0.33 0.00	29.43 0.32 0.00	28.50 0.31 0.00	28.79 0.31 0.00	29.08 0.32 0.00	29.05 0.32 0.00	29.63 0.35 0.00	33.32 0.40 0.00	30.95 0.37 0.00	29.08 0.32 0.00	27.74 0.30 0.00	27.74 0.30 0.00	27.53 0.25 0.00	25.56 0.25 0.00
JENNISON____1 23625	31.66 1.84 -2.32	30.55 1.79 -1.30	29.93 1.70 -0.78	30.05 1.78 -0.85	30.10 2.01 -0.60	33.91 2.40 -0.72	41.55 2.88 -2.67	43.04 3.04 -2.04	38.90 2.74 -0.08	34.00 2.28 0.00	31.90 2.00 0.00	31.12 2.01 0.00	30.13 1.95 0.00	30.38 1.91 0.00	30.86 2.10 0.00	30.81 2.07 0.00	31.40 2.11 -0.01	35.92 2.47 -0.52	34.43 2.32 -1.52	32.01 1.98 -1.26	30.76 1.84 -1.48	30.98 1.87 -1.67	29.88 1.36 -1.23	27.93 1.34 -1.29
JENNISON____2 23626	31.66 1.84 -2.32	30.55 1.79 -1.30	29.93 1.70 -0.78	30.05 1.78 -0.85	30.10 2.01 -0.60	33.91 2.40 -0.72	41.55 2.88 -2.67	43.04 3.04 -2.04	38.90 2.74 -0.08	34.00 2.28 0.00	31.90 2.00 0.00	31.12 2.01 0.00	30.13 1.95 0.00	30.38 1.91 0.00	30.86 2.10 0.00	30.81 2.07 0.00	31.40 2.11 -0.01	35.92 2.47 -0.52	34.43 2.32 -1.52	32.01 1.98 -1.26	30.76 1.84 -1.48	30.98 1.87 -1.67	29.88 1.36 -1.23	27.93 1.34 -1.29
JERICOHO_RISE_WT_PWR 323719	26.72 -0.77 0.00	26.81 -0.66 0.00	26.97 -0.47 0.00	27.03 -0.38 0.00	27.05 -0.44 0.00	30.32 -0.46 0.00	35.61 -0.40 0.00	37.62 -0.34 0.00	35.83 -0.25 0.00	31.53 -0.19 0.00	29.93 0.03 0.00	29.17 0.06 0.00	28.25 0.06 0.00	28.62 0.14 0.00	28.85 0.09 0.00	28.82 0.09 0.00	29.25 -0.03 0.00	32.56 -0.36 0.00	30.06 -0.52 0.00	28.25 -0.52 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.99 -0.30 0.00	25.02 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	36.27 2.25 -6.52	33.29 2.17 -3.65	31.78 2.14 -2.20	31.95 2.14 -2.40	31.30 2.12 -1.69	35.15 2.34 -2.03	46.34 2.84 -7.49	47.04 3.34 -5.73	39.55 3.25 -0.22	34.54 2.82 0.00	32.53 2.63 0.00	31.61 2.50 0.00	30.61 2.42 0.00	30.92 2.45 0.00	31.18 2.42 0.00	31.21 2.47 0.00	31.77 2.49 0.00	37.35 2.96 -1.46	37.60 2.75 -4.26	34.83 2.53 -3.53	33.98 2.39 -4.16	34.55 2.41 -4.70	32.91 2.18 -3.44	30.81 1.90 -3.61
KCE_NY_1 323755	37.26 1.76 -8.01	33.71 1.76 -4.48	31.90 1.76 -2.70	32.14 1.78 -2.94	31.33 1.76 -2.08	35.33 2.06 -2.49	47.58 2.38 -9.19	47.39 2.39 -7.04	38.66 2.31 -0.27	33.65 1.94 0.00	31.51 1.61 0.00	30.68 1.57 0.00	29.68 1.49 0.00	30.04 1.57 0.00	30.31 1.55 0.00	30.40 1.67 0.00	31.09 1.82 0.00	36.89 2.17 -1.80	38.54 2.05 -5.91	34.97 1.87 -4.33	34.33 1.78 -5.10	34.97 1.76 -5.77	33.18 1.66 -4.22	31.23 1.49 -4.43
KCE_NY_6_ESR 323823	26.71 -1.84 -1.06	26.08 -1.98 -0.59	25.77 -2.03 -0.36	25.66 -2.14 -0.39	25.87 -1.90 -0.28	28.93 -2.18 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.69 -2.03 0.00	27.72 -2.18 0.00	26.84 -2.27 0.00	25.91 -2.28 0.00	25.69 -2.79 0.00	26.23 -2.53 0.00	25.92 -2.82 0.00	26.22 -3.05 0.01	29.94 -3.23 -0.24	28.34 -2.94 -0.69	26.23 -3.11 -0.57	25.18 -2.94 -0.68	25.05 -3.15 -0.76	24.49 -3.36 -0.56	23.31 -2.58 -0.59
KEDC PORT_JEFF_GT2 24210	41.37 3.13 -10.75	38.41 3.02 -7.92	35.96 2.99 -5.53	36.35 2.93 -6.00	37.79 3.05 -7.24	42.75 3.42 -8.55	53.06 4.07 -12.99	62.80 4.59 -20.24	48.47 4.18 -8.20	41.18 3.68 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.29 3.10 0.00	31.58 3.10 0.00	38.00 3.36 -5.88	47.14 3.42 -14.98	55.32 3.54 -22.50	59.04 3.98 -22.13	64.12 3.79 -29.75	61.45 3.54 -29.15	59.01 3.35 -28.22	43.18 3.15 -12.58	38.41 3.14 -7.98	36.81 2.78 -8.73
KEDC PORT_JEFF_GT3 24211	41.37 3.13 -10.75	38.41 3.02 -7.92	35.96 2.99 -5.53	36.35 2.93 -6.00	37.79 3.05 -7.24	42.75 3.42 -8.55	53.06 4.07 -12.99	62.80 4.59 -20.24	48.47 4.18 -8.20	41.18 3.68 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.29 3.10 0.00	31.58 3.10 0.00	38.00 3.36 -5.88	47.14 3.42 -14.98	55.32 3.54 -22.50	59.04 3.98 -22.13	64.12 3.79 -29.75	61.45 3.54 -29.15	59.01 3.35 -28.22	43.18 3.15 -12.58	38.41 3.14 -7.98	36.81 2.78 -8.73
KEDC_GLWD_GT4 24219	40.96 2.72 -10.75	38.02 2.64 -7.92	35.58 2.61 -5.53	35.96 2.55 -6.00	37.37 2.64 -7.24	42.25 2.93 -8.55	52.49 3.49 -12.99	54.33 3.64 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.01 2.82 0.00	31.41 2.93 0.00	37.57 2.94 -5.88	42.47 2.96 -10.78	46.94 2.81 -14.86	51.20 3.32 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.47 2.69 -19.34	42.37 2.77 -12.16	37.97 2.70 -7.98	36.44 2.41 -8.73
KEDC_GLWD_GT5 24220	40.96 2.72 -10.75	38.02 2.64 -7.92	35.58 2.61 -5.53	35.96 2.55 -6.00	37.37 2.64 -7.24	42.25 2.93 -8.55	52.49 3.49 -12.99	54.33 3.64 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.34 3.14 -2.30	32.11 3.00 0.00	31.01 2.82 0.00	31.41 2.93 0.00	37.57 2.94 -5.88	42.47 2.96 -10.78	46.94 2.81 -14.86	51.20 3.32 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.47 2.69 -19.34	42.37 2.77 -12.16	37.97 2.70 -7.98	36.44 2.41 -8.73
KENSICO____ 23655	36.03 2.09 -6.44	33.11 2.03 -3.61	31.59 1.98 -2.18	31.73 1.95 -2.37	31.20 2.03 -1.67	35.00 2.22 -2.00	46.07 2.66 -7.40	46.66 3.04 -5.66	39.26 2.96 -0.21	34.35 2.63 0.00	32.32 2.42 0.00	31.44 2.33 0.00	30.44 2.26 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.04 2.30 0.00	31.65 2.37 0.00	37.14 2.77 -1.45	37.40 2.60 -4.21	34.67 2.42 -3.48	33.80 2.25 -4.11	34.33 2.25 -4.64	32.79 2.10 -3.40	30.72 1.85 -3.57
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.50 2.01 -6.00	32.72 1.90 -3.36	31.30 1.84 -2.03	31.45 1.84 -2.21	30.95 1.90 -1.56	34.80 2.15 -1.87	45.53 2.63 -6.89	46.20 2.96 -5.28	39.06 2.78 -0.20	34.00 2.28 0.00	32.02 2.12 0.00	31.12 2.01 0.00	29.88 1.69 0.00	30.18 1.71 0.00	30.49 1.73 0.00	30.55 1.81 0.00	31.21 1.93 0.00	36.58 2.30 -1.35	36.71 2.20 -3.93	33.97 1.96 -3.25	33.32 2.06 -3.83	33.85 2.09 -4.32	32.28 1.83 -3.16	30.22 1.59 -3.32

KIAC_JFK_GT1 23816	36.48 2.53 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.59 2.42 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	48.87 3.57 -7.34	50.68 3.46 -11.13	47.85 3.08 -13.06	37.63 2.81 -4.92	35.27 2.71 -3.46	35.44 2.62 -4.63	35.36 2.65 -4.23	35.35 2.65 -3.95	35.20 2.67 -3.79	44.35 2.75 -12.32	48.12 3.26 -11.93	44.16 3.06 -10.52	43.54 2.85 -11.93	37.04 2.66 -6.94	34.74 2.63 -4.67	33.19 2.48 -3.42	31.13 2.25 -3.57
KIAC_JFK_GT2 23817	36.48 2.53 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.59 2.42 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	48.87 3.57 -7.34	50.68 3.46 -11.13	47.85 3.08 -13.06	37.63 2.81 -4.92	35.27 2.71 -3.46	35.44 2.62 -4.63	35.36 2.65 -4.23	35.35 2.65 -3.95	35.20 2.67 -3.79	44.35 2.75 -12.32	48.12 3.26 -11.93	44.16 3.06 -10.52	43.54 2.85 -11.93	37.04 2.66 -6.94	34.74 2.63 -4.67	33.19 2.48 -3.42	31.13 2.25 -3.57
KIAC_JFK____ 323774	36.48 2.53 -6.45	33.55 2.47 -3.61	32.00 2.39 -2.18	32.11 2.33 -2.37	31.59 2.42 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	48.91 3.61 -7.34	50.68 3.46 -11.13	47.85 3.08 -13.06	37.63 2.81 -4.92	35.28 2.71 -3.46	35.44 2.62 -4.63	35.36 2.65 -4.23	35.35 2.64 -3.95	35.20 2.67 -3.79	44.34 2.75 -12.32	48.12 3.26 -11.93	44.16 3.06 -10.52	43.54 2.85 -11.93	37.04 2.66 -6.94	34.74 2.63 -4.67	33.19 2.48 -3.42	31.13 2.25 -3.57
KINTIGH____ 23543	26.78 -1.65 -0.93	26.23 -1.76 -0.52	25.81 -1.95 -0.31	25.86 -1.89 -0.34	26.06 -1.68 -0.24	29.13 -1.94 -0.29	34.37 -2.70 -1.07	35.52 -3.26 -0.82	33.01 -3.10 -0.03	29.24 -2.47 0.00	27.39 -2.51 0.00	26.64 -2.47 0.00	25.71 -2.48 0.00	25.60 -2.88 0.00	26.14 -2.62 0.00	25.89 -2.84 0.00	26.31 -2.96 0.01	30.50 -2.63 -0.21	28.84 -2.35 -0.61	26.83 -2.45 -0.50	25.73 -2.30 -0.59	25.61 -2.50 -0.67	25.13 -2.65 -0.49	23.77 -2.05 -0.52
KNTFSRNC_46_KV_46KV_LOAD 80397	27.27 -0.22 0.00	27.30 -0.16 0.00	27.55 0.11 0.00	27.57 0.16 0.00	27.66 0.16 0.00	31.00 0.22 0.00	36.47 0.47 0.00	38.49 0.53 0.00	36.62 0.54 0.00	32.26 0.54 0.00	30.56 0.66 0.00	29.78 0.67 0.00	28.81 0.62 0.00	29.16 0.68 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.89 0.61 0.00	33.32 0.40 0.00	30.73 0.15 0.00	28.85 0.09 0.00	27.44 0.00 0.00	27.41 -0.03 0.00	27.45 0.16 0.00	25.45 0.15 0.00
LACHUTE____HYDRO 323717	37.86 2.34 -8.03	34.24 2.28 -4.50	32.43 2.28 -2.71	32.75 2.38 -2.95	31.86 2.28 -2.08	36.02 2.74 -2.49	48.47 3.24 -9.22	48.32 3.30 -7.05	39.60 3.25 -0.27	34.19 2.48 0.00	31.84 1.94 0.00	31.03 1.92 0.00	30.00 1.81 0.00	30.35 1.88 0.00	30.72 1.96 0.00	30.95 2.21 0.00	31.74 2.46 0.00	37.79 3.06 -1.80	39.30 2.87 -5.85	35.75 2.64 -4.34	35.08 2.52 -5.12	35.69 2.47 -5.78	33.68 2.16 -4.23	31.62 1.87 -4.44
LAWRNCALV_115KV_TB1 80681	26.70 -0.80 0.00	26.70 -0.77 0.00	26.81 -0.63 0.00	26.78 -0.63 0.00	26.72 -0.77 0.00	29.77 -1.02 0.00	35.00 -1.01 0.00	36.98 -0.99 0.00	35.11 -0.97 0.00	30.73 -0.98 0.00	29.24 -0.66 0.00	28.59 -0.52 0.00	27.68 -0.51 0.00	28.05 -0.43 0.00	28.33 -0.43 0.00	28.22 -0.52 0.00	28.57 -0.70 0.00	31.91 -1.02 0.00	29.48 -1.10 0.00	27.79 -0.98 0.00	26.48 -0.96 0.00	26.48 -0.96 0.00	26.58 -0.71 0.00	24.67 -0.63 0.00
LEDERLE____ 23769	35.73 2.01 -6.23	32.91 1.95 -3.49	31.44 1.89 -2.10	31.57 1.86 -2.29	31.06 1.95 -1.62	34.84 2.12 -1.94	45.72 2.56 -7.16	46.32 2.89 -5.48	39.07 2.78 -0.21	34.19 2.47 0.00	32.23 2.33 0.00	31.35 2.24 0.00	30.33 2.14 0.00	30.67 2.19 0.00	30.92 2.16 0.00	30.95 2.21 0.00	31.53 2.25 0.00	36.99 2.67 -1.40	37.16 2.51 -4.07	34.44 2.30 -3.37	33.58 2.17 -3.97	34.10 2.17 -4.49	32.62 2.05 -3.29	30.55 1.80 -3.45
LIGHTHSE_115KV_TB6 355974	27.56 -0.49 -0.56	27.23 -0.55 -0.31	27.03 -0.60 -0.19	27.07 -0.55 -0.21	27.14 -0.49 -0.15	30.43 -0.52 -0.17	36.07 -0.58 -0.64	37.81 -0.65 -0.49	35.38 -0.72 -0.02	31.02 -0.70 0.00	29.15 -0.75 0.00	28.44 -0.67 0.00	27.54 -0.65 0.00	27.82 -0.65 0.00	28.16 -0.60 0.00	28.13 -0.60 0.00	28.64 -0.64 0.00	32.49 -0.56 -0.13	30.40 -0.55 -0.37	28.47 -0.60 -0.30	27.19 -0.60 -0.36	27.30 -0.55 -0.40	26.85 -0.74 -0.30	24.95 -0.66 -0.31
LINDEN COGEN____ 23786	36.15 2.20 -6.45	33.22 2.14 -3.61	31.68 2.06 -2.18	31.78 2.00 -2.37	31.29 2.12 -1.67	35.10 2.31 -2.01	46.19 2.77 -7.41	48.49 3.19 -7.34	50.28 3.07 -11.13	47.50 2.73 -13.06	37.36 2.54 -4.92	35.01 2.45 -3.46	35.19 2.37 -4.63	35.10 2.39 -4.23	35.09 2.39 -3.95	34.95 2.41 -3.79	44.05 2.46 -12.32	47.75 2.90 -11.93	43.80 2.69 -10.52	43.19 2.50 -11.93	36.74 2.36 -6.94	34.47 2.36 -4.67	32.95 2.24 -3.42	30.82 1.95 -3.57
LINDHRST_69_KV_BK1 356055	41.29 3.05 -10.75	38.35 2.97 -7.92	35.88 2.91 -5.53	36.29 2.88 -6.00	37.70 2.97 -7.24	42.62 3.29 -8.55	52.96 3.96 -12.99	55.67 4.44 -13.27	48.51 4.22 -8.20	41.22 3.71 -5.79	35.67 3.47 -2.30	32.43 3.32 0.00	31.29 3.10 0.00	31.69 3.22 0.00	37.92 3.28 -5.88	43.15 3.33 -11.08	48.78 3.45 -16.05	52.41 4.02 -15.47	53.27 3.76 -18.93	52.52 3.48 -20.27	50.70 3.27 -19.99	43.20 3.27 -12.49	38.33 3.06 -7.98	36.76 2.73 -8.73
LIPA_MISC_IPP 23656	41.37 3.13 -10.75	38.41 3.02 -7.92	35.96 2.99 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.06 4.07 -12.99	61.44 4.52 -18.96	48.54 4.26 -8.20	41.22 3.71 -5.79	35.67 3.47 -2.30	32.40 3.29 0.00	31.26 3.07 0.00	31.64 3.16 0.00	37.97 3.34 -5.88	46.42 3.42 -14.27	54.11 3.48 -21.35	57.82 3.98 -20.91	61.98 3.64 -27.76	59.71 3.42 -27.52	57.44 3.29 -26.71	43.32 3.29 -12.59	38.41 3.14 -7.98	36.84 2.81 -8.73
LISF__SOLAR 323691	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	61.65 4.63 -19.06	48.61 4.33 -8.20	41.28 3.77 -5.79	35.73 3.53 -2.30	32.46 3.35 0.00	31.32 3.13 0.00	31.69 3.22 0.00	38.03 3.39 -5.88	46.53 3.48 -14.32	54.28 3.57 -21.44	58.07 4.15 -21.00	62.25 3.76 -27.91	59.94 3.54 -27.64	57.64 3.37 -26.83	43.34 3.32 -12.58	38.49 3.22 -7.98	36.89 2.86 -8.73
LITTLE FALLS____HYD 24013	28.32 0.82 0.00	28.35 0.88 0.00	28.35 0.91 0.00	28.40 0.99 0.00	28.59 1.10 0.00	32.08 1.29 0.00	37.45 1.44 0.00	39.56 1.59 0.00	37.63 1.55 0.00	33.05 1.33 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.67 1.20 0.00	29.97 1.21 0.00	29.86 1.12 0.00	30.21 0.94 0.00	33.85 0.92 0.00	31.38 0.80 0.00	29.49 0.72 0.00	28.10 0.66 0.00	28.24 0.80 0.00	28.05 0.76 0.00	26.04 0.73 0.00
LITTLRIV_115KV_TB1 356100	27.00 -0.49 0.00	27.00 -0.47 0.00	27.08 -0.36 0.00	27.08 -0.33 0.00	27.03 -0.47 0.00	30.17 -0.62 0.00	35.50 -0.50 0.00	37.55 -0.42 0.00	35.69 -0.40 0.00	31.15 -0.57 0.00	29.66 -0.24 0.00	28.97 -0.15 0.00	28.08 -0.11 0.00	28.48 0.00 0.00	28.79 0.03 0.00	28.68 -0.06 0.00	29.01 -0.26 0.00	32.37 -0.56 0.00	29.94 -0.64 0.00	28.19 -0.58 0.00	26.84 -0.60 0.00	26.86 -0.58 0.00	26.88 -0.41 0.00	24.95 -0.35 0.00

LI_NEWBRDGE___DRP 323616	40.74 2.50 -10.75	37.80 2.42 -7.92	35.33 2.36 -5.53	35.74 2.33 -6.00	37.15 2.42 -7.24	42.01 2.68 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.75 3.46 -8.20	40.58 3.08 -5.79	35.07 2.87 -2.30	31.85 2.74 0.00	30.78 2.59 0.00	31.15 2.68 0.00	37.31 2.67 -5.88	42.24 2.73 -10.78	47.91 2.78 -15.85	51.10 3.23 -14.95	51.68 3.03 -18.07	51.16 2.82 -19.57	49.44 2.66 -19.34	42.74 2.66 -12.64	37.75 2.48 -7.98	36.26 2.23 -8.73
LOCKPORT_115KV_TB60_63_64 80432	26.42 -2.06 -0.98	25.82 -2.20 -0.55	25.36 -2.41 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.69 -2.40 -0.31	33.79 -3.35 -1.13	34.80 -4.02 -0.86	32.33 -3.79 -0.03	28.99 -2.73 0.00	27.12 -2.78 0.00	26.35 -2.77 0.00	25.37 -2.82 0.00	25.20 -3.27 0.00	25.74 -3.02 0.00	25.46 -3.28 0.00	25.81 -3.45 0.01	29.79 -3.36 -0.22	28.20 -3.03 -0.64	26.14 -3.16 -0.53	25.08 -2.99 -0.63	24.94 -3.21 -0.71	24.42 -3.38 -0.52	23.21 -2.63 -0.54
LOCKPORT___CC1 323769	26.42 -2.06 -0.99	25.82 -2.20 -0.55	25.55 -2.22 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.75 -3.39 -1.13	34.69 -4.14 -0.87	32.29 -3.83 -0.03	28.99 -2.73 0.00	27.06 -2.84 0.00	26.23 -2.88 0.00	25.37 -2.82 0.00	25.14 -3.33 0.00	25.71 -3.05 0.00	25.43 -3.30 0.00	25.78 -3.48 0.01	29.72 -3.43 -0.22	28.17 -3.06 -0.65	26.11 -3.19 -0.53	25.02 -3.05 -0.63	24.91 -3.24 -0.71	24.40 -3.41 -0.52	23.21 -2.63 -0.54
LOCKPORT___CC2 323770	26.42 -2.06 -0.99	25.82 -2.20 -0.55	25.55 -2.22 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.75 -3.39 -1.13	34.69 -4.14 -0.87	32.29 -3.83 -0.03	28.99 -2.73 0.00	27.06 -2.84 0.00	26.23 -2.88 0.00	25.37 -2.82 0.00	25.14 -3.33 0.00	25.71 -3.05 0.00	25.43 -3.30 0.00	25.78 -3.48 0.01	29.72 -3.43 -0.22	28.17 -3.06 -0.65	26.11 -3.19 -0.53	25.02 -3.05 -0.63	24.91 -3.24 -0.71	24.40 -3.41 -0.52	23.21 -2.63 -0.54
LOCKPORT___CC3 323771	26.42 -2.06 -0.99	25.82 -2.20 -0.55	25.55 -2.22 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.75 -3.39 -1.13	34.69 -4.14 -0.87	32.29 -3.83 -0.03	28.99 -2.73 0.00	27.06 -2.84 0.00	26.23 -2.88 0.00	25.37 -2.82 0.00	25.14 -3.33 0.00	25.71 -3.05 0.00	25.43 -3.30 0.00	25.78 -3.48 0.01	29.72 -3.43 -0.22	28.17 -3.06 -0.65	26.11 -3.19 -0.53	25.02 -3.05 -0.63	24.91 -3.24 -0.71	24.40 -3.41 -0.52	23.21 -2.63 -0.54
LONG_LAKE_PHOENIX 24014	27.44 -0.69 -0.63	27.05 -0.77 -0.35	26.83 -0.82 -0.21	26.85 -0.79 -0.23	26.94 -0.71 -0.16	30.21 -0.77 -0.20	35.83 -0.90 -0.72	37.53 -0.99 -0.55	35.06 -1.05 -0.02	30.80 -0.92 0.00	28.91 -0.99 0.00	28.18 -0.93 0.00	27.29 -0.90 0.00	27.51 -0.97 0.00	27.90 -0.86 0.00	27.85 -0.89 0.00	28.37 -0.91 0.00	32.21 -0.86 -0.14	30.23 -0.76 -0.41	28.33 -0.78 -0.34	27.10 -0.74 -0.40	27.18 -0.71 -0.45	26.72 -0.90 -0.33	24.87 -0.78 -0.35
LOVETT___3 23632	35.83 2.01 -6.33	32.96 1.95 -3.55	31.47 1.89 -2.14	31.60 1.86 -2.33	31.09 1.95 -1.64	34.87 2.12 -1.97	45.80 2.52 -7.27	46.41 2.89 -5.56	39.11 2.81 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.01 2.67 -1.42	37.20 2.48 -4.14	34.49 2.30 -3.42	33.64 2.17 -4.04	34.20 2.20 -4.56	32.73 2.10 -3.34	30.65 1.85 -3.51
LOVETT___4 23642	35.83 2.01 -6.33	32.96 1.95 -3.55	31.47 1.89 -2.14	31.60 1.86 -2.33	31.09 1.95 -1.64	34.87 2.12 -1.97	45.80 2.52 -7.27	46.41 2.89 -5.56	39.11 2.81 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.01 2.67 -1.42	37.20 2.48 -4.14	34.49 2.30 -3.42	33.64 2.17 -4.04	34.20 2.20 -4.56	32.73 2.10 -3.34	30.65 1.85 -3.51
LOVETT___5 23593	35.83 2.01 -6.33	32.96 1.95 -3.55	31.47 1.89 -2.14	31.60 1.86 -2.33	31.09 1.95 -1.64	34.87 2.12 -1.97	45.80 2.52 -7.27	46.41 2.89 -5.56	39.11 2.81 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.01 2.67 -1.42	37.20 2.48 -4.14	34.49 2.30 -3.42	33.64 2.17 -4.04	34.20 2.20 -4.56	32.73 2.10 -3.34	30.65 1.85 -3.51
LOWER RAQUET___HYD 24057	26.72 -0.88 -0.11	26.67 -0.85 -0.06	26.71 -0.77 -0.04	26.74 -0.71 -0.04	26.67 -0.85 -0.03	29.71 -1.11 -0.03	34.97 -1.15 -0.12	36.95 -1.10 -0.09	35.00 -1.08 0.00	30.61 -1.11 0.00	29.18 -0.72 0.00	28.53 -0.58 0.00	27.63 -0.56 0.00	28.02 -0.46 0.00	28.27 -0.49 0.00	28.16 -0.57 0.00	28.49 -0.79 0.00	31.83 -1.12 -0.02	29.46 -1.19 -0.07	27.73 -1.09 -0.06	26.44 -1.07 -0.07	26.45 -1.07 -0.08	26.53 -0.82 -0.06	24.65 -0.71 -0.06
LOWER___HUDSON 24059	37.12 1.81 -7.81	33.68 1.84 -4.37	31.91 1.84 -2.64	32.12 1.84 -2.87	31.39 1.87 -2.03	35.33 2.12 -2.43	47.39 2.41 -8.97	47.18 2.35 -6.86	38.65 2.31 -0.26	33.78 2.06 0.00	31.57 1.67 0.00	30.74 1.63 0.00	29.80 1.61 0.00	30.15 1.68 0.00	30.34 1.58 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.79 2.11 -1.75	39.14 1.96 -6.60	34.83 1.84 -4.22	34.15 1.73 -4.98	34.77 1.70 -5.63	33.13 1.72 -4.12	31.25 1.62 -4.32
LOWVILLE_115KV_TB2 356335	28.06 0.30 -0.27	27.89 0.27 -0.15	27.78 0.25 -0.09	27.81 0.30 -0.10	27.95 0.38 -0.07	31.39 0.52 -0.08	37.07 0.76 -0.31	39.03 0.84 -0.23	36.78 0.69 -0.01	32.03 0.32 0.00	30.17 0.27 0.00	29.40 0.29 0.00	28.44 0.25 0.00	28.82 0.34 0.00	29.19 0.43 0.00	29.20 0.46 0.00	29.77 0.50 0.00	33.61 0.63 -0.06	30.79 0.03 -0.17	28.85 -0.06 -0.14	27.50 -0.11 -0.17	27.52 -0.11 -0.19	27.10 -0.33 -0.14	25.17 -0.28 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	37.26 1.76 -8.01	33.68 1.73 -4.48	31.87 1.73 -2.70	32.14 1.78 -2.94	31.30 1.73 -2.08	35.30 2.03 -2.49	47.54 2.34 -9.19	47.39 2.39 -7.04	38.66 2.31 -0.27	33.65 1.93 0.00	31.48 1.58 0.00	30.65 1.54 0.00	29.68 1.49 0.00	30.04 1.57 0.00	30.29 1.52 0.00	30.37 1.64 0.00	31.06 1.79 0.00	36.86 2.14 -1.80	38.51 2.02 -5.91	34.94 1.84 -4.33	34.33 1.78 -5.10	34.94 1.73 -5.77	33.15 1.64 -4.22	31.23 1.49 -4.43
LUTHERNY_35_KV_BK2 355980	37.26 1.76 -8.01	33.71 1.76 -4.48	31.87 1.73 -2.70	32.14 1.78 -2.94	31.33 1.76 -2.08	35.33 2.06 -2.49	47.58 2.38 -9.19	47.39 2.39 -7.04	38.66 2.31 -0.27	33.65 1.93 0.00	31.48 1.58 0.00	30.65 1.54 0.00	29.68 1.49 0.00	30.04 1.57 0.00	30.31 1.55 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.89 2.17 -1.80	38.54 2.05 -5.91	34.97 1.87 -4.33	34.33 1.78 -5.10	34.96 1.76 -5.77	33.18 1.66 -4.22	31.23 1.49 -4.43
LWR___OSWEGATCHIE_HYD 23850	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.07 -0.44 -0.07	27.07 -0.41 -0.07	27.11 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11

LYONS_FALL_HYD 23570	28.29 0.55 -0.25	28.13 0.52 -0.14	28.04 0.52 -0.08	28.05 0.55 -0.09	28.19 0.63 -0.06	31.66 0.80 -0.08	37.33 1.04 -0.28	39.32 1.14 -0.22	37.07 0.97 -0.01	32.35 0.63 0.00	30.47 0.57 0.00	29.66 0.55 0.00	28.72 0.53 0.00	29.04 0.57 0.00	29.45 0.69 0.00	29.43 0.69 0.00	30.01 0.73 0.00	33.84 0.85 -0.06	31.23 0.49 -0.16	29.27 0.37 -0.13	27.90 0.30 -0.16	27.92 0.30 -0.18	27.50 0.08 -0.13	25.54 0.10 -0.14
MADISON___COUNTY_LFGE 323628	28.83 0.91 -0.43	28.59 0.88 -0.24	28.41 0.82 -0.15	28.42 0.85 -0.16	28.57 0.96 -0.11	32.12 1.20 -0.13	37.94 1.44 -0.50	39.86 1.52 -0.38	37.47 1.37 -0.01	32.76 1.05 0.00	30.80 0.90 0.00	29.98 0.87 0.00	29.01 0.82 0.00	29.33 0.85 0.00	29.74 0.98 0.00	29.71 0.98 0.00	30.27 1.00 0.00	34.21 1.19 -0.10	31.93 1.07 -0.28	29.89 0.89 -0.23	28.54 0.82 -0.27	28.60 0.85 -0.31	28.12 0.60 -0.23	26.15 0.61 -0.24
MALONE___115KV_TB1 356076	27.14 -0.36 0.00	27.14 -0.33 0.00	27.36 -0.08 0.00	27.36 -0.05 0.00	27.38 -0.11 0.00	30.66 -0.12 0.00	36.08 0.07 0.00	38.12 0.15 0.00	36.23 0.14 0.00	31.84 0.13 0.00	30.20 0.30 0.00	29.40 0.29 0.00	28.44 0.25 0.00	28.82 0.34 0.00	29.08 0.32 0.00	29.02 0.29 0.00	29.48 0.20 0.00	32.86 -0.07 0.00	30.31 -0.28 0.00	28.51 -0.26 0.00	27.14 -0.30 0.00	27.11 -0.33 0.00	27.15 -0.14 0.00	25.18 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	36.98 1.62 -7.86	33.49 1.62 -4.40	31.71 1.62 -2.65	31.95 1.64 -2.89	31.18 1.65 -2.04	35.07 1.85 -2.44	47.12 2.09 -9.03	46.81 1.94 -6.91	38.26 1.91 -0.26	33.49 1.78 0.00	31.22 1.32 0.00	30.42 1.31 0.00	29.49 1.30 0.00	29.84 1.37 0.00	30.00 1.24 0.00	30.06 1.32 0.00	30.68 1.41 0.00	36.33 1.65 -1.76	36.73 1.50 -4.65	34.40 1.38 -4.25	33.79 1.34 -5.01	34.42 1.32 -5.66	32.85 1.42 -4.14	31.05 1.39 -4.35
MAPLE_RIDGE_WT_1 323574	27.14 -0.36 0.00	27.19 -0.27 0.00	27.22 -0.22 0.00	27.22 -0.19 0.00	27.27 -0.22 0.00	30.54 -0.25 0.00	35.75 -0.25 0.00	37.70 -0.26 0.00	35.87 -0.22 0.00	31.50 -0.22 0.00	29.75 -0.15 0.00	28.97 -0.14 0.00	28.05 -0.14 0.00	28.33 -0.14 0.00	28.56 -0.20 0.00	28.45 -0.29 0.00	28.84 -0.44 0.00	32.20 -0.72 0.00	29.73 -0.86 0.00	27.88 -0.89 0.00	26.54 -0.90 0.00	26.54 -0.90 0.00	26.55 -0.74 0.00	24.59 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	27.14 -0.36 0.00	27.19 -0.27 0.00	27.22 -0.22 0.00	27.22 -0.19 0.00	27.27 -0.22 0.00	30.54 -0.25 0.00	35.75 -0.25 0.00	37.70 -0.26 0.00	35.87 -0.22 0.00	31.50 -0.22 0.00	29.75 -0.15 0.00	28.97 -0.14 0.00	28.05 -0.14 0.00	28.33 -0.14 0.00	28.56 -0.20 0.00	28.45 -0.29 0.00	28.84 -0.44 0.00	32.20 -0.72 0.00	29.73 -0.86 0.00	27.88 -0.89 0.00	26.54 -0.90 0.00	26.54 -0.90 0.00	26.55 -0.74 0.00	24.59 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	26.75 -0.74 0.00	26.84 -0.63 0.00	27.00 -0.44 0.00	27.08 -0.33 0.00	27.14 -0.36 0.00	30.42 -0.37 0.00	35.72 -0.29 0.00	37.74 -0.23 0.00	35.94 -0.14 0.00	31.65 -0.06 0.00	30.05 0.15 0.00	29.29 0.18 0.00	28.36 0.17 0.00	28.73 0.26 0.00	28.96 0.20 0.00	28.91 0.17 0.00	29.36 0.09 0.00	32.66 -0.26 0.00	30.15 -0.43 0.00	28.31 -0.46 0.00	26.95 -0.49 0.00	26.95 -0.49 0.00	27.02 -0.27 0.00	25.05 -0.25 0.00
MARSHVLE_115KV_TB1 80742	38.28 1.54 -9.25	34.16 1.51 -5.18	32.04 1.48 -3.12	32.35 1.53 -3.40	31.46 1.57 -2.40	35.63 1.97 -2.87	48.75 2.12 -10.62	48.37 2.28 -8.13	38.45 2.06 -0.31	33.21 1.49 0.00	31.22 1.32 0.00	30.36 1.25 0.00	29.37 1.18 0.00	29.70 1.22 0.00	30.08 1.32 0.00	30.26 1.52 0.00	30.97 1.70 0.00	37.17 2.17 -2.07	38.68 2.05 -6.05	35.58 1.81 -5.00	35.04 1.70 -5.89	35.97 1.87 -6.66	33.67 1.50 -4.88	31.69 1.27 -5.12
MARSH_HILL_WT_PWR 323713	29.77 0.77 -1.51	29.05 0.74 -0.85	28.69 0.74 -0.51	28.71 0.74 -0.55	28.87 0.99 -0.39	32.48 1.23 -0.47	39.07 1.33 -1.73	40.65 1.36 -1.33	37.18 1.05 -0.05	33.08 1.36 0.00	30.95 1.05 0.00	29.96 0.84 0.00	28.89 0.71 0.00	28.87 0.40 0.00	29.34 0.57 0.00	29.08 0.35 0.00	29.56 0.26 -0.02	33.63 0.36 -0.34	31.94 0.37 -0.99	29.70 0.12 -0.82	28.51 0.11 -0.96	28.53 0.00 -1.09	27.62 -0.46 -0.80	25.78 -0.35 -0.84
MCINTYRE_115KV_TB2 80467	27.25 -0.25 0.00	27.25 -0.22 0.00	27.36 -0.08 0.00	27.33 -0.08 0.00	27.30 -0.19 0.00	30.48 -0.31 0.00	35.82 -0.18 0.00	37.93 -0.04 0.00	36.01 -0.07 0.00	31.43 -0.29 0.00	29.90 0.00 0.00	29.17 0.06 0.00	28.25 0.06 0.00	28.65 0.17 0.00	28.96 0.20 0.00	28.88 0.14 0.00	29.28 0.00 0.00	32.66 -0.26 0.00	30.25 -0.34 0.00	28.51 -0.26 0.00	27.14 -0.30 0.00	27.14 -0.30 0.00	27.13 -0.16 0.00	25.18 -0.13 0.00
MECO___69_KV_BK1 80468	39.30 2.91 -8.89	35.30 2.86 -4.98	33.24 2.80 -3.00	33.59 2.91 -3.27	32.69 2.89 -2.31	37.06 3.51 -2.76	50.25 4.03 -10.21	49.95 4.18 -7.82	40.17 3.79 -0.30	34.54 2.82 0.00	32.29 2.39 0.00	31.38 2.27 0.00	30.33 2.14 0.00	30.72 2.25 0.00	31.23 2.47 0.00	31.58 2.84 0.00	32.56 3.28 0.00	38.97 4.05 -1.99	40.19 3.79 -5.82	36.97 3.39 -4.81	36.37 3.27 -5.67	37.17 3.32 -6.41	34.82 2.84 -4.69	32.65 2.43 -4.92
MENANDS___115KV_TB5 355628	36.91 1.57 -7.85	33.43 1.57 -4.39	31.68 1.59 -2.65	31.91 1.62 -2.88	31.15 1.62 -2.04	35.01 1.79 -2.44	47.03 2.02 -9.01	46.64 1.78 -6.89	38.15 1.80 -0.26	33.43 1.71 0.00	31.13 1.23 0.00	30.33 1.22 0.00	29.40 1.21 0.00	29.76 1.28 0.00	29.91 1.15 0.00	29.97 1.24 0.00	30.56 1.29 0.00	36.17 1.48 -1.76	36.55 1.35 -4.62	34.25 1.24 -4.24	33.65 1.21 -5.00	34.27 1.18 -5.65	32.76 1.34 -4.14	31.01 1.37 -4.34
MG INDUSTRY___DRP 24185	36.61 1.43 -7.69	33.17 1.40 -4.30	31.46 1.43 -2.59	31.66 1.43 -2.83	30.92 1.43 -2.00	34.77 1.60 -2.39	46.60 1.76 -8.83	46.35 1.63 -6.76	37.96 1.62 -0.26	33.21 1.49 0.00	31.01 1.11 0.00	30.22 1.11 0.00	29.29 1.10 0.00	29.61 1.14 0.00	29.85 1.09 0.00	29.89 1.15 0.00	30.48 1.20 0.00	36.03 1.38 -1.72	36.61 1.25 -4.77	34.10 1.18 -4.16	33.47 1.13 -4.90	34.10 1.13 -5.54	32.54 1.20 -4.05	30.77 1.21 -4.26
MID___OSWEGATCHIE_HYD 23849	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.07 -0.44 -0.07	27.07 -0.41 -0.07	27.11 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11
MID___RAQUETTE_HYD 23851	26.72 -0.88 -0.11	26.67 -0.85 -0.06	26.76 -0.71 -0.04	26.74 -0.71 -0.04	26.67 -0.85 -0.03	29.71 -1.11 -0.03	34.97 -1.15 -0.12	36.96 -1.10 -0.09	35.00 -1.08 0.00	30.61 -1.11 0.00	29.18 -0.72 0.00	28.53 -0.58 0.00	27.63 -0.56 0.00	27.99 -0.48 0.00	28.27 -0.49 0.00	28.16 -0.57 0.00	28.49 -0.79 0.00	31.83 -1.12 -0.02	29.46 -1.19 -0.07	27.73 -1.09 -0.06	26.44 -1.07 -0.07	26.45 -1.07 -0.08	26.53 -0.82 -0.06	24.65 -0.71 -0.06

MILLIKEN___1 23584	29.45 0.55 -1.41	28.75 0.49 -0.79	28.33 0.41 -0.48	28.39 0.47 -0.52	28.46 0.60 -0.37	31.99 0.77 -0.44	38.49 0.86 -1.62	40.07 0.87 -1.24	36.82 0.69 -0.05	32.32 0.60 0.00	30.32 0.42 0.00	29.52 0.41 0.00	28.58 0.39 0.00	28.79 0.31 0.00	29.22 0.46 0.00	29.17 0.43 0.00	29.76 0.47 -0.02	33.97 0.72 -0.32	32.21 0.70 -0.92	30.08 0.55 -0.76	28.89 0.55 -0.90	29.00 0.55 -1.01	28.28 0.25 -0.74	26.36 0.28 -0.78
MILLIKEN___2 23585	29.45 0.55 -1.41	28.75 0.49 -0.79	28.33 0.41 -0.48	28.39 0.47 -0.52	28.46 0.60 -0.37	31.99 0.77 -0.44	38.49 0.86 -1.62	40.07 0.87 -1.24	36.82 0.69 -0.05	32.32 0.60 0.00	30.32 0.42 0.00	29.52 0.41 0.00	28.58 0.39 0.00	28.79 0.31 0.00	29.22 0.46 0.00	29.17 0.43 0.00	29.76 0.47 -0.02	33.97 0.72 -0.32	32.21 0.70 -0.92	30.08 0.55 -0.76	28.89 0.55 -0.90	29.00 0.55 -1.01	28.28 0.25 -0.74	26.36 0.28 -0.78
MILLIKEN___DIESEL 23629	29.45 0.55 -1.41	28.75 0.49 -0.79	28.33 0.41 -0.48	28.39 0.47 -0.52	28.46 0.60 -0.37	31.99 0.77 -0.44	38.49 0.86 -1.62	40.07 0.87 -1.24	36.82 0.69 -0.05	32.32 0.60 0.00	30.32 0.42 0.00	29.52 0.41 0.00	28.58 0.39 0.00	28.79 0.31 0.00	29.22 0.46 0.00	29.17 0.43 0.00	29.76 0.47 -0.02	33.97 0.72 -0.32	32.21 0.70 -0.92	30.08 0.55 -0.76	28.89 0.55 -0.90	29.00 0.55 -1.01	28.28 0.25 -0.74	26.36 0.28 -0.78
MILLSEAT___LFGE 323607	26.97 -1.49 -0.97	26.33 -1.68 -0.54	26.06 -1.70 -0.33	25.96 -1.81 -0.36	26.18 -1.57 -0.25	29.36 -1.72 -0.30	34.66 -2.45 -1.11	35.77 -3.04 -0.85	33.26 -2.85 -0.03	29.72 -2.00 0.00	27.75 -2.15 0.00	26.87 -2.24 0.00	25.99 -2.20 0.00	25.80 -2.68 0.00	26.43 -2.33 0.00	26.15 -2.59 0.00	26.57 -2.69 0.01	30.64 -2.50 -0.22	29.04 -2.17 -0.63	26.87 -2.42 -0.52	25.75 -2.30 -0.62	25.64 -2.50 -0.70	25.07 -2.73 -0.51	23.73 -2.10 -0.53
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.94 2.03 -6.41	33.04 1.98 -3.59	31.53 1.92 -2.16	31.66 1.89 -2.36	31.11 1.95 -1.66	34.93 2.15 -1.99	45.93 2.56 -7.37	46.56 2.96 -5.64	39.15 2.85 -0.21	34.26 2.54 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.06 2.70 -1.44	37.28 2.51 -4.19	34.57 2.33 -3.47	33.72 2.20 -4.09	34.26 2.20 -4.62	32.72 2.05 -3.38	30.65 1.80 -3.55
MILLWOOD_13_KV_LOAD 356217	36.03 2.12 -6.41	33.09 2.03 -3.59	31.61 2.00 -2.16	31.74 1.97 -2.36	31.17 2.01 -1.66	34.99 2.22 -1.99	46.03 2.66 -7.37	46.67 3.08 -5.64	39.29 2.99 -0.21	34.35 2.63 0.00	32.35 2.45 0.00	31.47 2.36 0.00	30.47 2.28 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.06 2.33 0.00	31.65 2.37 0.00	37.16 2.80 -1.44	37.38 2.60 -4.19	34.65 2.42 -3.47	33.78 2.25 -4.09	34.34 2.28 -4.62	32.77 2.10 -3.38	30.67 1.82 -3.55
MODEL_CITY_ENERGY 24167	26.18 -2.31 -1.00	25.58 -2.44 -0.56	25.28 -2.50 -0.34	25.17 -2.60 -0.37	25.36 -2.39 -0.26	28.35 -2.74 -0.31	33.41 -3.75 -1.15	34.32 -4.52 -0.88	31.93 -4.18 -0.03	28.64 -3.08 0.00	26.73 -3.17 0.00	25.94 -3.17 0.00	25.06 -3.13 0.00	24.86 -3.62 0.00	25.45 -3.31 0.00	25.14 -3.59 0.00	25.52 -3.75 0.01	29.43 -3.72 -0.22	27.90 -3.33 -0.65	25.85 -3.45 -0.54	24.81 -3.27 -0.64	24.70 -3.46 -0.72	24.19 -3.63 -0.53	23.02 -2.83 -0.55
MODERN_LFGE___ 323580	26.18 -2.31 -1.00	25.58 -2.44 -0.56	25.28 -2.50 -0.34	25.17 -2.60 -0.37	25.36 -2.39 -0.26	28.35 -2.74 -0.31	33.41 -3.75 -1.15	34.32 -4.52 -0.88	31.93 -4.18 -0.03	28.64 -3.08 0.00	26.73 -3.17 0.00	25.94 -3.17 0.00	25.06 -3.13 0.00	24.86 -3.62 0.00	25.45 -3.31 0.00	25.14 -3.59 0.00	25.52 -3.75 0.01	29.43 -3.72 -0.22	27.90 -3.33 -0.65	25.85 -3.45 -0.54	24.81 -3.27 -0.64	24.70 -3.46 -0.72	24.19 -3.63 -0.53	23.02 -2.83 -0.55
MOHAWK_PAPER___DRP 24187	36.98 1.62 -7.86	33.49 1.62 -4.40	31.71 1.62 -2.65	31.95 1.64 -2.89	31.18 1.65 -2.04	35.07 1.85 -2.44	47.12 2.09 -9.03	46.81 1.94 -6.91	38.26 1.91 -0.26	33.49 1.78 0.00	31.22 1.32 0.00	30.42 1.31 0.00	29.49 1.30 0.00	29.84 1.37 0.00	30.00 1.24 0.00	30.06 1.32 0.00	30.68 1.41 0.00	36.33 1.65 -1.76	36.73 1.50 -4.65	34.40 1.38 -4.25	33.79 1.34 -5.01	34.42 1.32 -5.66	32.85 1.42 -4.14	31.05 1.39 -4.35
MOHICAN___35_KV_115KV_LD 80490	37.03 1.51 -8.02	33.44 1.48 -4.49	31.63 1.48 -2.71	31.92 1.56 -2.95	31.09 1.51 -2.08	35.09 1.82 -2.49	47.34 2.12 -9.21	47.21 2.20 -7.05	38.44 2.09 -0.27	33.37 1.65 0.00	31.16 1.26 0.00	30.33 1.22 0.00	29.37 1.18 0.00	29.73 1.25 0.00	30.03 1.27 0.00	30.17 1.44 0.00	30.86 1.58 0.00	36.73 2.01 -1.80	38.35 1.90 -5.87	34.83 1.73 -4.34	34.20 1.65 -5.11	34.81 1.59 -5.78	32.94 1.42 -4.23	30.98 1.24 -4.44
MONGAUP___HYD 23641	34.99 1.71 -5.79	32.33 1.62 -3.24	30.96 1.56 -1.95	31.10 1.56 -2.13	30.59 1.59 -1.50	34.40 1.82 -1.80	44.56 1.91 -6.64	45.10 2.05 -5.08	38.15 1.88 -0.19	33.49 1.78 0.00	31.48 1.58 0.00	30.62 1.51 0.00	29.63 1.44 0.00	29.93 1.45 0.00	30.26 1.49 0.00	30.32 1.58 0.00	30.97 1.70 0.00	36.00 1.78 -1.30	36.08 1.71 -3.78	33.65 1.76 -3.13	32.75 1.62 -3.69	33.25 1.65 -4.17	31.79 1.45 -3.05	29.82 1.31 -3.20
MONTAUK___DIESEL 23721	42.01 3.77 -10.75	39.07 3.68 -7.92	36.62 3.65 -5.53	37.03 3.62 -6.00	38.50 3.77 -7.24	43.52 4.19 -8.55	54.04 5.04 -12.99	62.59 5.62 -19.01	49.52 5.23 -8.20	42.07 4.57 -5.79	36.42 4.22 -2.30	33.07 3.96 0.00	31.88 3.69 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.12 4.45 -21.40	59.05 5.17 -20.95	63.13 4.71 -27.84	60.69 4.34 -27.58	58.30 4.09 -26.77	44.06 4.03 -12.58	39.09 3.82 -7.98	37.45 3.42 -8.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.44 -1.18 -1.13	26.81 -1.29 -0.63	26.34 -1.48 -0.38	26.37 -1.45 -0.41	26.63 -1.15 -0.29	29.75 -1.39 -0.35	35.18 -2.12 -1.29	36.30 -2.66 -0.99	33.38 -2.74 -0.04	30.23 -1.49 0.00	28.08 -1.82 0.00	26.96 -2.15 0.00	25.74 -2.45 0.00	25.40 -3.08 0.00	25.94 -2.82 0.00	25.58 -3.16 0.00	25.90 -3.37 0.01	29.42 -3.75 -0.25	27.65 -3.67 -0.74	25.38 -4.00 -0.61	24.43 -3.73 -0.72	24.27 -3.98 -0.81	23.63 -4.26 -0.59	22.74 -3.19 -0.62
MORTIMER_115KV_TB3 55949	27.44 -0.93 -0.88	26.89 -1.07 -0.49	26.50 -1.23 -0.30	26.58 -1.15 -0.32	26.73 -0.99 -0.23	30.01 -1.05 -0.27	35.54 -1.48 -1.01	36.95 -1.78 -0.77	34.34 -1.77 -0.03	30.29 -1.43 0.00	28.40 -1.49 0.00	27.63 -1.48 0.00	26.70 -1.49 0.00	26.71 -1.77 0.00	27.24 -1.52 0.00	27.04 -1.70 0.00	27.50 -1.76 0.02	31.71 -1.42 -0.20	29.96 -1.19 -0.57	27.86 -1.38 -0.47	26.68 -1.32 -0.56	26.64 -1.43 -0.63	26.11 -1.64 -0.46	24.50 -1.29 -0.49
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.26 2.31 -6.45	33.33 2.25 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.67 3.34 -7.37	50.65 3.21 -11.35	47.89 2.85 -13.32	37.58 2.66 -5.02	35.20 2.56 -3.53	35.39 2.48 -4.72	35.30 2.51 -4.32	35.26 2.47 -4.03	35.14 2.53 -3.87	44.42 2.58 -12.57	48.10 3.03 -12.14	44.05 2.81 -10.65	43.48 2.62 -12.10	36.90 2.47 -6.99	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57

MUNSVILLE_WIND_PWR 323609	32.33 2.75 -2.08	31.35 2.72 -1.17	30.80 2.66 -0.70	30.94 2.77 -0.77	31.17 3.13 -0.54	35.19 3.75 -0.65	42.94 4.54 -2.39	44.62 4.82 -1.83	40.52 4.36 -0.07	35.18 3.46 0.00	32.95 3.05 0.00	32.17 3.06 0.00	31.18 2.99 0.00	31.44 2.96 0.00	32.01 3.25 0.00	31.93 3.19 0.00	32.51 3.22 -0.01	37.05 3.65 -0.47	35.37 3.42 -1.36	32.80 2.90 -1.13	31.49 2.72 -1.33	31.69 2.74 -1.50	30.44 2.05 -1.10	28.43 1.97 -1.15
N SALMON___HYD 24042	27.14 -0.36 0.00	27.14 -0.33 0.00	27.30 -0.14 0.00	27.36 -0.05 0.00	27.38 -0.11 0.00	30.66 -0.12 0.00	36.08 0.07 0.00	38.12 0.15 0.00	36.23 0.14 0.00	31.85 0.13 0.00	30.20 0.30 0.00	29.40 0.29 0.00	28.44 0.25 0.00	28.84 0.37 0.00	29.08 0.32 0.00	29.02 0.29 0.00	29.48 0.21 0.00	32.86 -0.07 0.00	30.31 -0.28 0.00	28.51 -0.26 0.00	27.14 -0.30 0.00	27.11 -0.33 0.00	27.15 -0.14 0.00	25.18 -0.13 0.00
N.AKRON___115KV_KNAPP 355671	26.95 -1.51 -0.97	26.33 -1.68 -0.54	25.87 -1.89 -0.33	25.93 -1.84 -0.36	26.15 -1.59 -0.25	29.36 -1.72 -0.30	34.63 -2.48 -1.11	35.82 -3.00 -0.85	33.23 -2.89 -0.03	29.69 -2.03 0.00	27.75 -2.15 0.00	26.96 -2.15 0.00	25.99 -2.20 0.00	25.83 -2.65 0.00	26.43 -2.33 0.00	26.15 -2.59 0.00	26.54 -2.72 0.01	30.61 -2.54 -0.22	29.01 -2.20 -0.63	26.85 -2.45 -0.52	25.75 -2.30 -0.62	25.61 -2.52 -0.70	25.04 -2.76 -0.51	23.74 -2.10 -0.53
N.BELMOR_69_KV_BK1 55787	40.96 2.72 -10.75	38.02 2.64 -7.92	35.55 2.58 -5.53	35.96 2.55 -6.00	37.35 2.61 -7.24	42.22 2.89 -8.55	52.42 3.42 -12.99	54.56 3.87 -12.72	48.00 3.72 -8.20	40.81 3.30 -5.79	35.28 3.08 -2.30	32.08 2.97 0.00	30.98 2.79 0.00	31.38 2.90 0.00	37.54 2.90 -5.88	42.44 2.93 -10.78	47.39 2.99 -15.13	51.39 3.52 -14.95	51.96 3.30 -18.07	51.39 3.05 -19.57	49.64 2.85 -19.34	42.58 2.85 -12.29	37.97 2.70 -7.98	36.44 2.40 -8.73
N.E_GEN_SANDY PD 24062	36.45 1.81 -7.14	33.31 1.84 -4.00	32.08 1.81 -2.82	32.00 1.81 -2.78	32.62 1.84 -3.28	35.36 2.06 -2.51	46.58 2.38 -8.20	46.74 2.50 -6.28	38.57 2.45 -0.03	34.14 2.22 -0.21	31.84 1.94 0.00	30.98 1.86 0.00	30.00 1.81 0.00	30.35 1.88 0.00	32.20 1.81 -1.63	35.10 1.87 -4.50	40.40 1.90 -9.22	45.35 2.21 -10.22	47.53 2.05 -14.90	47.11 1.93 -16.42	41.60 1.84 -12.32	39.20 1.81 -9.95	35.80 1.77 -6.74	34.56 1.62 -7.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.76 1.98 -6.28	32.91 1.92 -3.52	31.45 1.89 -2.12	31.58 1.86 -2.31	31.05 1.92 -1.63	34.83 2.09 -1.95	45.74 2.52 -7.21	46.37 2.89 -5.52	39.07 2.78 -0.21	34.19 2.47 0.00	32.23 2.33 0.00	31.35 2.24 0.00	30.33 2.14 0.00	30.67 2.19 0.00	30.92 2.16 0.00	30.95 2.21 0.00	31.53 2.25 0.00	36.97 2.63 -1.41	37.17 2.48 -4.11	34.44 2.27 -3.40	33.58 2.14 -4.00	34.13 2.17 -4.53	32.65 2.05 -3.31	30.60 1.82 -3.48
N.QUEENS_27_KV_LOAD 356247	36.40 2.45 -6.45	33.44 2.36 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.40 2.99 -7.41	48.92 3.61 -7.35	50.78 3.46 -11.23	48.00 3.11 -13.18	37.73 2.87 -4.96	35.36 2.77 -3.48	35.53 2.68 -4.66	35.45 2.71 -4.27	35.41 2.67 -3.98	35.29 2.73 -3.82	44.49 2.78 -12.43	48.21 3.26 -12.03	44.22 3.06 -10.58	43.62 2.85 -12.00	37.06 2.66 -6.96	34.73 2.63 -4.66	33.12 2.43 -3.40	30.92 2.05 -3.57
N.TROY___115KV_TB1 355778	37.12 1.81 -7.81	33.68 1.84 -4.37	31.89 1.81 -2.64	32.12 1.84 -2.87	31.39 1.87 -2.03	35.33 2.12 -2.43	47.38 2.41 -8.97	47.18 2.35 -6.86	38.65 2.31 -0.26	33.78 2.06 0.00	31.57 1.67 0.00	30.74 1.63 0.00	29.80 1.61 0.00	30.16 1.68 0.00	30.34 1.58 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.78 2.11 -1.75	39.13 1.96 -6.60	34.83 1.84 -4.22	34.17 1.76 -4.98	34.77 1.70 -5.63	33.13 1.72 -4.12	31.24 1.62 -4.32
NARROWS_GT1_1 24228	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_2 24229	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_3 24230	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_4 24231	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_5 24232	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_6 24233	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT1_7 24234	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58

NARROWS_GT1_8 24235	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_1 24236	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_2 24237	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_3 24238	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_4 24239	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_5 24240	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_6 24241	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_7 24242	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NARROWS_GT2_8 24243	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.82 1.92 -7.41	33.51 1.90 -4.15	31.83 1.89 -2.50	32.11 1.97 -2.72	31.34 1.92 -1.92	35.33 2.25 -2.30	47.06 2.56 -8.50	46.71 2.24 -6.51	38.60 2.27 -0.25	33.65 1.93 0.00	31.16 1.26 0.00	30.36 1.25 0.00	29.43 1.24 0.00	29.78 1.31 0.00	30.08 1.32 0.00	30.23 1.49 0.00	30.89 1.61 0.00	36.23 1.65 -1.66	36.79 1.62 -4.59	34.12 1.35 -4.00	33.45 1.29 -4.72	34.04 1.26 -5.33	32.56 1.36 -3.90	30.92 1.52 -4.10
NCHELSEA_115KV_TR2 355582	36.07 2.17 -6.41	33.14 2.09 -3.59	31.63 2.03 -2.16	31.82 2.06 -2.36	31.22 2.06 -1.66	35.08 2.31 -1.99	46.14 2.77 -7.36	46.67 3.08 -5.63	39.18 2.89 -0.21	34.22 2.51 0.00	32.17 2.27 0.00	31.29 2.18 0.00	30.28 2.09 0.00	30.61 2.14 0.00	30.89 2.13 0.00	30.95 2.21 0.00	31.59 2.31 0.00	37.06 2.70 -1.44	37.31 2.54 -4.19	34.53 2.30 -3.46	33.69 2.17 -4.08	34.25 2.20 -4.62	32.66 1.99 -3.38	30.65 1.80 -3.55
NEG CAPITAL___MECHNVIL 23645	37.36 1.92 -7.94	33.83 1.92 -4.44	32.04 1.92 -2.68	32.28 1.95 -2.92	31.48 1.92 -2.06	35.50 2.25 -2.47	47.71 2.59 -9.11	47.52 2.58 -6.97	38.87 2.52 -0.26	33.88 2.16 0.00	31.69 1.79 0.00	30.86 1.75 0.00	29.85 1.66 0.00	30.21 1.74 0.00	30.49 1.73 0.00	30.58 1.84 0.00	31.27 1.99 0.00	37.08 2.37 -1.78	38.94 2.23 -6.13	35.10 2.04 -4.29	34.45 1.95 -5.06	35.08 1.92 -5.72	33.30 1.83 -4.18	31.34 1.64 -4.39
NEG CENTRAL_HIGH_ACRES 23767	27.12 -1.24 -0.86	26.58 -1.37 -0.48	26.33 -1.40 -0.29	26.30 -1.43 -0.32	26.43 -1.29 -0.22	29.70 -1.35 -0.27	35.23 -1.76 -0.99	36.67 -2.05 -0.76	34.13 -1.98 -0.03	30.04 -1.68 0.00	28.14 -1.76 0.00	27.33 -1.78 0.00	26.50 -1.69 0.00	26.54 -1.94 0.00	27.06 -1.70 0.00	26.93 -1.81 0.00	27.38 -1.87 0.02	31.47 -1.65 -0.19	29.71 -1.44 -0.56	27.68 -1.55 -0.47	26.48 -1.51 -0.55	26.50 -1.56 -0.62	25.94 -1.80 -0.45	24.29 -1.49 -0.48
NEG CENTRAL___DRP 24199	28.43 -0.03 -0.96	27.89 -0.11 -0.54	27.57 -0.19 -0.32	27.63 -0.14 -0.35	27.74 0.00 -0.25	31.17 0.09 -0.30	37.11 0.00 -1.10	38.73 -0.08 -0.84	35.90 -0.22 -0.03	31.69 -0.03 0.00	29.72 -0.18 0.00	28.91 -0.20 0.00	27.96 -0.23 0.00	28.10 -0.37 0.00	28.56 -0.20 0.00	28.45 -0.29 0.00	29.08 -0.29 -0.10	33.01 -0.13 -0.21	31.21 0.00 -0.63	29.14 -0.14 -0.52	27.94 -0.11 -0.61	27.97 -0.16 -0.69	27.36 -0.44 -0.51	25.50 -0.33 -0.53
NEG CENTRAL___INDECK 23768	29.46 0.66 -1.30	28.69 0.49 -0.73	28.35 0.47 -0.44	28.30 0.41 -0.48	28.49 0.66 -0.34	32.11 0.92 -0.40	38.51 1.01 -1.50	40.06 0.95 -1.14	36.81 0.68 -0.04	32.51 0.79 0.00	30.32 0.42 0.00	29.37 0.26 0.00	28.41 0.22 0.00	28.39 -0.09 0.00	28.99 0.23 0.00	28.82 0.09 0.00	29.40 0.12 -0.01	33.78 0.56 -0.29	32.08 0.64 -0.85	29.76 0.29 -0.70	28.54 0.27 -0.83	28.54 0.17 -0.94	27.68 -0.30 -0.69	25.87 -0.15 -0.72

NEG CENTRAL___SENECA 23627	28.71 0.16 -1.05	28.11 0.05 -0.59	27.74 -0.05 -0.36	27.83 0.03 -0.39	27.99 0.22 -0.27	31.45 0.34 -0.33	37.43 0.22 -1.21	39.04 0.15 -0.93	36.08 -0.04 -0.04	31.94 0.22 0.00	29.93 0.03 0.00	29.11 0.00 0.00	28.13 -0.06 0.00	28.25 -0.23 0.00	28.76 0.00 0.00	28.62 -0.11 0.00	29.29 -0.15 -0.16	33.20 0.03 -0.24	31.45 0.18 -0.69	29.34 0.00 -0.57	28.14 0.03 -0.67	28.17 -0.03 -0.76	27.46 -0.38 -0.56	25.63 -0.25 -0.58
NEG CENTRAL___STATE_STREET 24147	28.37 -0.05 -0.93	27.85 -0.14 -0.52	27.56 -0.19 -0.31	27.59 -0.16 -0.34	27.71 -0.03 -0.24	31.13 0.06 -0.29	37.11 0.04 -1.07	38.75 -0.04 -0.82	35.97 -0.14 -0.03	31.62 -0.10 0.00	29.69 -0.21 0.00	28.91 -0.20 0.00	27.96 -0.23 0.00	28.16 -0.31 0.00	28.59 -0.17 0.00	28.51 -0.23 0.00	29.07 -0.23 -0.03	33.10 -0.03 -0.21	31.22 0.03 -0.61	29.21 -0.06 -0.50	27.98 -0.05 -0.59	28.03 -0.08 -0.67	27.45 -0.33 -0.49	25.57 -0.25 -0.52
NEG MILLWOOD___DRP 24198	36.35 2.36 -6.49	33.38 2.28 -3.63	31.85 2.22 -2.19	32.04 2.25 -2.39	31.38 2.20 -1.68	35.23 2.43 -2.02	46.45 2.99 -7.45	47.16 3.49 -5.70	39.65 3.36 -0.22	34.60 2.89 0.00	32.56 2.66 0.00	31.64 2.53 0.00	30.64 2.45 0.00	30.95 2.48 0.00	31.21 2.44 0.00	31.27 2.53 0.00	31.82 2.55 0.00	37.41 3.03 -1.46	37.67 2.84 -4.24	34.87 2.59 -3.51	34.02 2.44 -4.14	34.58 2.47 -4.68	32.92 2.21 -3.42	30.82 1.92 -3.59
NEG NORTH_FLCN_SEA 23793	27.16 -0.33 0.00	27.25 -0.22 0.00	27.47 0.03 0.00	27.49 0.08 0.00	27.58 0.08 0.00	30.91 0.12 0.00	36.36 0.36 0.00	38.38 0.42 0.00	36.52 0.43 0.00	32.19 0.48 0.00	30.50 0.60 0.00	29.75 0.64 0.00	28.78 0.59 0.00	29.13 0.65 0.00	29.39 0.63 0.00	29.34 0.60 0.00	29.80 0.53 0.00	33.19 0.26 0.00	30.61 0.03 0.00	28.74 -0.03 0.00	27.36 -0.08 0.00	27.36 -0.08 0.00	27.40 0.11 0.00	25.40 0.10 0.00
NEG NORTH_KES_CHATAGAY 23792	26.86 -0.63 0.00	26.92 -0.55 0.00	27.11 -0.33 0.00	27.14 -0.27 0.00	27.16 -0.33 0.00	30.44 -0.34 0.00	35.79 -0.22 0.00	37.77 -0.19 0.00	35.94 -0.14 0.00	31.65 -0.06 0.00	30.02 0.12 0.00	29.26 0.15 0.00	28.30 0.11 0.00	28.65 0.17 0.00	28.93 0.17 0.00	28.91 0.17 0.00	29.36 0.09 0.00	32.70 -0.23 0.00	30.18 -0.40 0.00	28.36 -0.40 0.00	27.03 -0.41 0.00	27.00 -0.44 0.00	27.07 -0.22 0.00	25.10 -0.20 0.00
NEG NORTH___ALICE_FALLS 23915	27.27 -0.22 0.00	27.30 -0.16 0.00	27.55 0.11 0.00	27.57 0.16 0.00	27.66 0.16 0.00	31.00 0.22 0.00	36.47 0.47 0.00	38.49 0.53 0.00	36.62 0.54 0.00	32.26 0.54 0.00	30.56 0.66 0.00	29.78 0.67 0.00	28.81 0.62 0.00	29.16 0.68 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.89 0.61 0.00	33.32 0.40 0.00	30.73 0.15 0.00	28.85 0.09 0.00	27.44 0.00 0.00	27.41 -0.03 0.00	27.45 0.16 0.00	25.45 0.15 0.00
NEG NORTH___LWR_SARANAC 23913	27.27 -0.22 0.00	27.30 -0.16 0.00	27.55 0.11 0.00	27.57 0.16 0.00	27.66 0.16 0.00	31.00 0.22 0.00	36.47 0.47 0.00	38.49 0.53 0.00	36.62 0.54 0.00	32.26 0.54 0.00	30.56 0.66 0.00	29.78 0.67 0.00	28.81 0.62 0.00	29.16 0.68 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.89 0.61 0.00	33.32 0.40 0.00	30.73 0.15 0.00	28.85 0.09 0.00	27.44 0.00 0.00	27.41 -0.03 0.00	27.45 0.16 0.00	25.45 0.15 0.00
NEG NORTH___PLATTSBURG 23628	27.27 -0.22 0.00	27.30 -0.16 0.00	27.52 0.08 0.00	27.58 0.17 0.00	27.66 0.17 0.00	31.00 0.22 0.00	36.47 0.47 0.00	38.49 0.53 0.00	36.62 0.54 0.00	32.26 0.54 0.00	30.56 0.66 0.00	29.78 0.67 0.00	28.81 0.62 0.00	29.19 0.71 0.00	29.45 0.69 0.00	29.40 0.66 0.00	29.89 0.62 0.00	33.32 0.40 0.00	30.74 0.15 0.00	28.85 0.09 0.00	27.44 0.00 0.00	27.41 -0.03 0.00	27.45 0.16 0.00	25.46 0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	26.42 -2.06 -0.99	25.82 -2.20 -0.55	25.36 -2.41 -0.33	25.42 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.75 -3.38 -1.13	34.77 -4.06 -0.87	32.29 -3.82 -0.03	28.99 -2.73 0.00	27.09 -2.81 0.00	26.35 -2.77 0.00	25.37 -2.82 0.00	25.17 -3.30 0.00	25.74 -3.02 0.00	25.43 -3.30 0.00	25.78 -3.48 0.01	29.72 -3.42 -0.22	28.17 -3.06 -0.65	26.11 -3.19 -0.53	25.05 -3.02 -0.63	24.91 -3.24 -0.71	24.40 -3.41 -0.52	23.22 -2.63 -0.54
NEG WEST___LANCASTER 23811	26.17 -2.45 -1.12	25.54 -2.55 -0.63	25.05 -2.77 -0.38	25.11 -2.71 -0.41	25.34 -2.45 -0.29	28.30 -2.83 -0.35	33.51 -3.78 -1.29	34.58 -4.37 -0.99	32.08 -4.04 -0.04	30.10 -1.62 0.00	28.23 -1.67 0.00	27.39 -1.72 0.00	26.39 -1.80 0.00	26.17 -2.31 0.00	26.66 -2.10 0.00	26.38 -2.36 0.00	26.55 -2.72 0.01	29.39 -3.79 -0.25	27.86 -3.46 -0.73	25.81 -3.57 -0.61	24.75 -3.40 -0.72	24.65 -3.59 -0.81	24.06 -3.82 -0.59	22.86 -3.06 -0.62
NEG_PENN_ALLEGHNY 23528	29.86 0.19 -2.17	28.82 0.14 -1.22	28.28 0.11 -0.73	28.29 0.08 -0.80	28.28 0.22 -0.56	31.73 0.28 -0.67	38.75 0.25 -2.49	40.06 0.19 -1.91	36.23 0.07 -0.07	32.03 0.32 0.00	30.11 0.21 0.00	29.29 0.18 0.00	28.36 0.17 0.00	28.53 0.06 0.00	28.91 0.14 0.00	28.82 0.09 0.00	29.35 0.06 -0.01	33.58 0.17 -0.49	32.19 0.18 -1.42	30.00 0.06 -1.17	28.88 0.05 -1.38	29.03 0.03 -1.56	28.24 -0.19 -1.14	26.43 -0.08 -1.20
NEG___GEN_MONROE 24207	27.58 -0.80 -0.88	27.05 -0.91 -0.49	26.61 -1.13 -0.30	26.64 -1.10 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.58 -1.44 -1.01	36.92 -1.82 -0.77	34.31 -1.80 -0.03	30.32 -1.40 0.00	28.37 -1.52 0.00	27.51 -1.60 0.00	26.58 -1.61 0.00	26.54 -1.94 0.00	27.09 -1.67 0.00	26.90 -1.84 0.00	27.33 -1.93 0.02	31.51 -1.61 -0.20	29.78 -1.38 -0.58	27.72 -1.52 -0.48	26.52 -1.48 -0.56	26.43 -1.65 -0.64	25.90 -1.86 -0.46	24.42 -1.37 -0.49
NEPA___ENERGY 23901	27.02 -1.59 -1.13	26.39 -1.70 -0.63	25.93 -1.89 -0.38	25.96 -1.86 -0.41	26.19 -1.59 -0.29	29.26 -1.88 -0.35	34.60 -2.70 -1.29	35.65 -3.30 -0.99	32.94 -3.18 -0.04	29.97 -1.74 0.00	28.14 -1.76 0.00	27.28 -1.83 0.00	26.24 -1.95 0.00	26.03 -2.45 0.00	26.49 -2.27 0.00	26.21 -2.53 0.00	26.58 -2.69 0.01	30.28 -2.90 -0.25	28.66 -2.66 -0.74	26.56 -2.82 -0.61	25.50 -2.66 -0.72	25.37 -2.88 -0.81	24.77 -3.11 -0.59	23.57 -2.35 -0.62
NEVERSINK___HYD 23608	34.86 1.65 -5.71	32.23 1.56 -3.20	30.88 1.51 -1.93	31.02 1.51 -2.10	30.54 1.57 -1.48	34.34 1.78 -1.77	44.76 2.20 -6.56	45.45 2.47 -5.02	38.55 2.27 -0.19	33.52 1.81 0.00	31.57 1.67 0.00	30.71 1.60 0.00	28.86 0.68 0.00	29.19 0.71 0.00	29.48 0.72 0.00	29.57 0.83 0.00	30.19 0.91 0.00	35.36 1.15 -1.28	35.45 1.13 -3.73	32.80 0.95 -3.09	32.75 1.67 -3.64	33.26 1.70 -4.11	31.75 1.45 -3.01	29.73 1.26 -3.16
NEWKRMKL_115KV_TB1 55635	36.86 1.51 -7.85	33.38 1.51 -4.40	31.63 1.54 -2.65	31.86 1.56 -2.89	31.10 1.57 -2.04	34.95 1.72 -2.44	46.93 1.91 -9.02	46.50 1.63 -6.90	38.00 1.66 -0.26	33.30 1.59 0.00	30.95 1.05 0.00	30.16 1.05 0.00	29.26 1.07 0.00	29.61 1.14 0.00	29.80 1.04 0.00	29.86 1.12 0.00	30.42 1.14 0.00	35.97 1.28 -1.76	36.42 1.13 -4.71	34.05 1.04 -4.25	33.49 1.04 -5.01	34.09 0.99 -5.66	32.66 1.23 -4.14	30.97 1.32 -4.35

NEWTON___FALLS_HYD 23847	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.07 -0.44 -0.07	27.07 -0.41 -0.07	27.11 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11
NGRID_A1_DSASP 323792	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.25 -2.52 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	33.98 -4.86 -0.88	31.60 -4.51 -0.03	28.32 -3.39 0.00	26.43 -3.47 0.00	25.68 -3.44 0.00	24.81 -3.38 0.00	24.60 -3.87 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.26 -4.01 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.63 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.93 -0.53
NGRID_A2_DSASP 323793	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.25 -2.52 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	33.98 -4.86 -0.88	31.60 -4.51 -0.03	28.32 -3.39 0.00	26.43 -3.47 0.00	25.68 -3.44 0.00	24.81 -3.38 0.00	24.60 -3.87 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.26 -4.01 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.63 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.93 -0.53
NGRID_A4_DSASP 323807	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.25 -2.52 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	33.98 -4.86 -0.88	31.60 -4.51 -0.03	28.32 -3.39 0.00	26.43 -3.47 0.00	25.68 -3.44 0.00	24.81 -3.38 0.00	24.60 -3.87 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.26 -4.01 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.63 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.93 -0.53
NIAGARA_115E_LBMP 323715	26.02 -2.47 -1.00	25.42 -2.61 -0.56	25.14 -2.63 -0.34	25.01 -2.77 -0.37	25.23 -2.53 -0.26	28.17 -2.93 -0.31	33.16 -4.00 -1.15	34.06 -4.78 -0.88	31.68 -4.44 -0.03	28.45 -3.27 0.00	26.55 -3.35 0.00	25.76 -3.35 0.00	24.89 -3.30 0.00	24.66 -3.81 0.00	25.25 -3.51 0.00	24.97 -3.76 0.00	25.31 -3.95 0.01	29.23 -3.92 -0.23	27.72 -3.52 -0.66	25.71 -3.60 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.05 -3.77 -0.53	22.90 -2.96 -0.55
NIAGARA_115W_LBMP 323714	26.08 -2.42 -1.00	25.47 -2.55 -0.56	25.20 -2.58 -0.34	25.06 -2.71 -0.37	25.28 -2.47 -0.26	28.20 -2.89 -0.31	33.05 -4.11 -1.15	33.91 -4.93 -0.88	31.53 -4.58 -0.03	28.26 -3.46 0.00	26.37 -3.53 0.00	25.59 -3.52 0.00	24.75 -3.44 0.00	24.55 -3.93 0.00	25.14 -3.62 0.00	24.86 -3.88 0.00	25.20 -4.07 0.01	29.13 -4.02 -0.22	27.63 -3.61 -0.65	25.63 -3.68 -0.54	24.59 -3.49 -0.64	24.49 -3.68 -0.72	24.02 -3.79 -0.53	22.85 -2.99 -0.53
NIAGARA_230_LBMP 323716	26.34 -2.14 -0.99	25.74 -2.28 -0.56	25.47 -2.30 -0.33	25.36 -2.41 -0.36	25.55 -2.20 -0.26	28.54 -2.55 -0.31	33.58 -3.57 -1.14	34.47 -4.36 -0.87	32.08 -4.04 -0.03	28.77 -2.95 0.00	26.85 -3.05 0.00	26.08 -3.03 0.00	25.20 -2.99 0.00	25.00 -3.47 0.00	25.60 -3.16 0.00	25.32 -3.42 0.00	25.66 -3.60 0.01	29.63 -3.52 -0.22	28.08 -3.15 -0.65	26.05 -3.25 -0.54	25.00 -3.07 -0.63	24.89 -3.27 -0.71	24.43 -3.38 -0.52	23.25 -2.61 -0.55
NIAGARA___115KV_198_GIBSON 55903	26.08 -2.42 -1.00	25.47 -2.55 -0.56	25.01 -2.77 -0.34	25.06 -2.71 -0.37	25.28 -2.47 -0.26	28.20 -2.89 -0.31	33.05 -4.10 -1.15	33.98 -4.86 -0.88	31.53 -4.58 -0.03	28.23 -3.49 0.00	26.40 -3.50 0.00	25.70 -3.41 0.00	24.75 -3.44 0.00	24.57 -3.90 0.00	25.14 -3.62 0.00	24.86 -3.88 0.00	25.20 -4.07 0.01	29.13 -4.02 -0.22	27.63 -3.61 -0.65	25.63 -3.68 -0.54	24.62 -3.46 -0.64	24.48 -3.68 -0.72	24.02 -3.79 -0.53	22.85 -2.99 -0.53
NIAGARA____ 23760	26.35 -2.14 -1.00	25.75 -2.28 -0.56	25.47 -2.30 -0.34	25.37 -2.41 -0.37	25.55 -2.20 -0.26	28.54 -2.55 -0.31	33.59 -3.57 -1.15	34.48 -4.36 -0.88	32.08 -4.04 -0.03	28.77 -2.95 0.00	26.85 -3.05 0.00	26.08 -3.03 0.00	25.20 -2.99 0.00	25.00 -3.47 0.00	25.60 -3.16 0.00	25.32 -3.42 0.00	25.66 -3.60 0.01	29.63 -3.52 -0.22	28.09 -3.15 -0.65	26.06 -3.25 -0.54	25.00 -3.07 -0.64	24.89 -3.27 -0.72	24.43 -3.38 -0.53	23.24 -2.61 -0.54
NINE_MILE_1 23575	26.96 -1.04 -0.51	26.68 -1.07 -0.29	26.51 -1.10 -0.17	26.50 -1.10 -0.19	26.58 -1.04 -0.13	29.80 -1.14 -0.16	35.22 -1.37 -0.59	36.93 -1.48 -0.45	34.66 -1.44 -0.02	30.45 -1.27 0.00	28.65 -1.25 0.00	27.89 -1.22 0.00	27.01 -1.18 0.00	27.22 -1.25 0.00	27.58 -1.18 0.00	27.53 -1.21 0.00	28.05 -1.23 0.00	31.82 -1.22 -0.11	29.78 -1.13 -0.33	27.95 -1.09 -0.28	26.69 -1.07 -0.33	26.74 -1.07 -0.37	26.39 -1.17 -0.27	24.55 -1.04 -0.28
NINE_MILE_2 23744	26.99 -1.02 -0.51	26.68 -1.07 -0.29	26.54 -1.07 -0.17	26.50 -1.10 -0.19	26.58 -1.04 -0.13	29.80 -1.14 -0.16	35.22 -1.37 -0.58	36.93 -1.48 -0.45	34.66 -1.44 -0.02	30.45 -1.27 0.00	28.65 -1.25 0.00	27.89 -1.22 0.00	27.01 -1.18 0.00	27.25 -1.22 0.00	27.58 -1.18 0.00	27.53 -1.21 0.00	28.05 -1.23 0.00	31.82 -1.22 -0.11	29.78 -1.13 -0.33	27.95 -1.09 -0.28	26.69 -1.07 -0.32	26.74 -1.07 -0.37	26.39 -1.17 -0.27	24.55 -1.04 -0.28
NM_CAPITAL___DRP 24208	36.86 1.54 -7.83	33.39 1.54 -4.38	31.65 1.56 -2.64	31.88 1.59 -2.88	31.12 1.59 -2.03	34.97 1.75 -2.43	46.94 1.94 -8.99	46.55 1.71 -6.88	38.07 1.73 -0.26	33.37 1.65 0.00	31.07 1.17 0.00	30.28 1.16 0.00	29.35 1.16 0.00	29.70 1.22 0.00	29.85 1.09 0.00	29.91 1.18 0.00	30.48 1.20 0.00	36.06 1.38 -1.75	36.42 1.25 -4.59	34.18 1.18 -4.23	33.58 1.15 -4.99	34.18 1.10 -5.64	32.70 1.28 -4.13	30.98 1.34 -4.33
NM_CENTRAL___DRP 24181	27.66 -0.52 -0.69	27.25 -0.60 -0.38	27.01 -0.66 -0.23	27.03 -0.63 -0.25	27.15 -0.52 -0.18	30.44 -0.55 -0.21	36.11 -0.68 -0.79	37.81 -0.76 -0.60	35.31 -0.79 -0.02	31.05 -0.67 0.00	29.15 -0.75 0.00	28.41 -0.70 0.00	27.51 -0.68 0.00	27.73 -0.74 0.00	28.10 -0.66 0.00	28.05 -0.69 0.00	28.55 -0.73 0.00	32.45 -0.63 -0.15	30.48 -0.55 -0.45	28.59 -0.55 -0.37	27.38 -0.49 -0.44	27.44 -0.49 -0.49	26.97 -0.68 -0.36	25.10 -0.58 -0.38
NM_FRONTIER___DRP 24179	26.08 -2.42 -1.00	25.47 -2.55 -0.56	25.01 -2.77 -0.34	25.06 -2.71 -0.37	25.28 -2.47 -0.26	28.20 -2.89 -0.31	33.05 -4.10 -1.15	33.98 -4.86 -0.88	31.53 -4.58 -0.03	28.23 -3.49 0.00	26.40 -3.50 0.00	25.70 -3.41 0.00	24.75 -3.44 0.00	24.57 -3.90 0.00	25.14 -3.62 0.00	24.86 -3.88 0.00	25.20 -4.07 0.01	29.13 -4.02 -0.22	27.63 -3.61 -0.65	25.63 -3.68 -0.54	24.62 -3.46 -0.64	24.48 -3.68 -0.72	24.02 -3.79 -0.53	22.85 -2.99 -0.53
NM_ST_REGIS___HYD 24053	26.70 -0.80 0.00	26.70 -0.77 0.00	26.84 -0.60 0.00	26.83 -0.58 0.00	26.78 -0.71 0.00	29.86 -0.92 0.00	35.14 -0.86 0.00	37.13 -0.84 0.00	35.29 -0.79 0.00	30.89 -0.82 0.00	29.42 -0.48 0.00	28.76 -0.35 0.00	27.82 -0.37 0.00	28.22 -0.26 0.00	28.50 -0.26 0.00	28.39 -0.34 0.00	28.72 -0.56 0.00	32.07 -0.86 0.00	29.60 -0.98 0.00	27.88 -0.89 0.00	26.56 -0.88 0.00	26.56 -0.88 0.00	26.63 -0.65 0.00	24.75 -0.56 0.00

NORTHPORT___1 23551	41.05 2.81 -10.75	38.11 2.72 -7.92	35.66 2.69 -5.53	36.04 2.63 -6.00	37.48 2.75 -7.24	42.38 3.05 -8.55	52.60 3.60 -12.99	54.75 4.06 -12.72	48.15 3.86 -8.20	40.90 3.40 -5.79	35.40 3.20 -2.30	32.20 3.08 0.00	31.07 2.88 0.00	31.44 2.96 0.00	37.63 2.99 -5.88	42.56 3.04 -10.78	48.18 3.13 -15.77	51.46 3.59 -14.95	51.96 3.30 -18.07	51.45 3.11 -19.57	49.75 2.96 -19.34	43.00 2.96 -12.60	38.08 2.81 -7.98	36.56 2.53 -8.73
NORTHPORT___2 23552	41.02 2.78 -10.75	38.08 2.69 -7.92	35.63 2.66 -5.53	36.02 2.61 -6.00	37.46 2.72 -7.24	42.35 3.02 -8.55	52.53 3.53 -12.99	54.67 3.99 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.37 3.17 -2.30	32.17 3.06 0.00	31.04 2.85 0.00	31.41 2.93 0.00	37.57 2.94 -5.88	42.50 2.99 -10.78	48.12 3.07 -15.77	51.36 3.49 -14.95	51.87 3.21 -18.07	51.36 3.02 -19.57	49.69 2.91 -19.34	42.94 2.91 -12.60	38.03 2.76 -7.98	36.54 2.51 -8.73
NORTHPORT___3 23553	40.85 2.61 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.13 2.80 -8.55	52.38 3.38 -12.99	53.80 3.83 -12.01	47.93 3.64 -8.20	40.71 3.20 -5.79	35.19 2.99 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.46 2.82 -5.88	41.99 2.87 -10.38	47.35 2.96 -15.12	50.58 3.39 -14.26	50.73 3.18 -16.97	50.40 2.96 -18.66	48.77 2.83 -18.50	42.83 2.80 -12.59	37.89 2.62 -7.98	36.36 2.33 -8.73
NORTHPORT___4 23650	40.85 2.61 -10.75	37.91 2.53 -7.92	35.47 2.50 -5.53	35.85 2.44 -6.00	37.26 2.53 -7.24	42.13 2.80 -8.55	52.38 3.38 -12.99	53.80 3.83 -12.01	47.93 3.64 -8.20	40.71 3.20 -5.79	35.19 2.99 -2.30	31.99 2.88 0.00	30.90 2.71 0.00	31.27 2.79 0.00	37.46 2.82 -5.88	41.99 2.87 -10.38	47.35 2.96 -15.12	50.58 3.39 -14.26	50.73 3.18 -16.97	50.40 2.96 -18.66	48.77 2.83 -18.50	42.83 2.80 -12.59	37.89 2.62 -7.98	36.36 2.33 -8.73
NORTHPORT___IC 23718	41.02 2.78 -10.75	38.08 2.69 -7.92	35.63 2.66 -5.53	36.02 2.60 -6.00	37.46 2.72 -7.24	42.35 3.02 -8.55	52.52 3.53 -12.99	54.67 3.99 -12.72	48.07 3.79 -8.20	40.87 3.36 -5.79	35.37 3.17 -2.30	32.17 3.06 0.00	31.04 2.85 0.00	31.41 2.93 0.00	37.57 2.93 -5.88	42.50 2.99 -10.78	48.12 3.07 -15.77	51.30 3.42 -14.95	51.81 3.15 -18.07	51.33 2.99 -19.57	49.66 2.88 -19.34	43.00 2.96 -12.60	38.03 2.76 -7.98	36.54 2.50 -8.73
NORTH___COUNTRY_ESR 323785	26.72 -0.77 0.00	26.81 -0.66 0.00	26.97 -0.47 0.00	27.03 -0.38 0.00	27.05 -0.44 0.00	30.32 -0.46 0.00	35.61 -0.40 0.00	37.62 -0.34 0.00	35.83 -0.25 0.00	31.53 -0.19 0.00	29.93 0.03 0.00	29.17 0.06 0.00	28.25 0.06 0.00	28.62 0.14 0.00	28.85 0.09 0.00	28.82 0.09 0.00	29.25 -0.03 0.00	32.56 -0.36 0.00	30.06 -0.52 0.00	28.25 -0.52 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.99 -0.30 0.00	25.02 -0.28 0.00
NPX_GEN_1385_PROXY 323591	41.13 2.89 -10.75	38.19 2.80 -7.92	35.77 2.80 -5.53	36.13 2.71 -6.00	37.54 2.81 -7.24	42.47 3.14 -8.55	52.42 3.42 -12.99	54.48 3.80 -12.72	47.80 3.72 -8.00	41.07 3.36 -5.99	35.46 3.26 -2.30	32.49 3.38 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.37 2.73 -5.88	42.30 2.79 -10.78	48.00 2.96 -15.77	51.26 3.39 -14.95	51.66 3.00 -18.07	51.28 2.94 -19.57	49.50 2.72 -19.34	43.00 2.96 -12.60	38.00 2.73 -7.98	36.79 2.76 -8.73
NPX_GEN_CSC 323557	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	61.60 4.63 -19.01	48.41 4.33 -8.00	41.52 3.80 -5.99	35.76 3.56 -2.30	32.49 3.38 0.00	31.35 3.16 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.53 3.50 -14.29	54.21 3.54 -21.39	57.99 4.12 -20.95	62.08 3.67 -27.83	59.82 3.48 -27.57	57.55 3.35 -26.76	43.37 3.35 -12.59	38.49 3.22 -7.98	36.89 2.86 -8.73
NSINS_S_GLNS_FALLS 23858	36.95 1.43 -8.03	33.34 1.37 -4.50	31.52 1.37 -2.71	31.82 1.45 -2.95	30.98 1.40 -2.08	34.97 1.69 -2.49	47.20 1.98 -9.22	47.07 2.05 -7.05	38.33 1.98 -0.27	33.24 1.52 0.00	31.07 1.17 0.00	30.25 1.14 0.00	29.26 1.07 0.00	29.64 1.17 0.00	29.91 1.15 0.00	30.06 1.32 0.00	30.77 1.49 0.00	36.60 1.88 -1.80	38.20 1.77 -5.85	34.72 1.61 -4.34	34.09 1.54 -5.12	34.73 1.51 -5.78	32.83 1.31 -4.23	30.89 1.14 -4.44
NUCOR_STEEL___DRP 24197	28.34 -0.05 -0.90	27.83 -0.14 -0.50	27.55 -0.19 -0.30	27.58 -0.16 -0.33	27.67 -0.05 -0.23	31.09 0.03 -0.28	37.00 -0.04 -1.03	38.64 -0.11 -0.79	35.90 -0.22 -0.03	31.53 -0.19 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.13 -0.34 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	29.03 -0.26 -0.02	33.03 -0.10 -0.20	31.14 -0.03 -0.59	29.14 -0.12 -0.49	27.93 -0.08 -0.57	27.98 -0.11 -0.65	27.44 -0.33 -0.47	25.55 -0.25 -0.50
NUMBER_THREE_WT_PWR 323818	28.01 0.25 -0.27	27.84 0.22 -0.15	27.75 0.22 -0.09	27.78 0.27 -0.10	27.89 0.33 -0.07	31.33 0.46 -0.08	36.99 0.68 -0.31	38.96 0.76 -0.24	36.70 0.61 -0.01	31.97 0.25 0.00	30.14 0.24 0.00	29.34 0.23 0.00	28.41 0.22 0.00	28.76 0.28 0.00	29.13 0.37 0.00	29.14 0.40 0.00	29.72 0.44 0.00	33.54 0.56 -0.06	30.73 -0.03 -0.17	28.77 -0.14 -0.14	27.42 -0.19 -0.17	27.47 -0.16 -0.19	27.05 -0.38 -0.14	25.10 -0.35 -0.15
NYISO_LBMP_REFERENCE 24008	27.49 0.00 0.00	27.47 0.00 0.00	27.44 0.00 0.00	27.41 0.00 0.00	27.49 0.00 0.00	30.78 0.00 0.00	36.00 0.00 0.00	37.96 0.00 0.00	36.08 0.00 0.00	31.72 0.00 0.00	29.90 0.00 0.00	29.11 0.00 0.00	28.19 0.00 0.00	28.48 0.00 0.00	28.76 0.00 0.00	28.74 0.00 0.00	29.28 0.00 0.00	32.93 0.00 0.00	30.58 0.00 0.00	28.77 0.00 0.00	27.44 0.00 0.00	27.44 0.00 0.00	27.29 0.00 0.00	25.30 0.00 0.00
NYPA_BRENTWD___GT 24164	41.37 3.13 -10.75	38.44 3.05 -7.92	35.99 3.02 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.10 4.10 -12.99	56.62 4.63 -14.02	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.00 3.36 -5.88	43.69 3.45 -11.50	49.71 3.54 -16.89	53.23 4.12 -16.19	54.50 3.82 -20.10	53.56 3.57 -21.23	51.67 3.35 -20.88	43.33 3.32 -12.57	38.41 3.14 -7.98	36.84 2.81 -8.73
NYPA_GOWANUS___GT5 24156	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.55 3.32 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58
NYPA_GOWANUS___GT6 24157	36.54 2.58 -6.46	33.56 2.47 -3.62	32.04 2.42 -2.19	32.12 2.33 -2.38	31.62 2.45 -1.68	35.47 2.68 -2.01	46.67 3.24 -7.42	49.04 3.72 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.55 3.32 -23.30	145.59 3.12 -111.89	55.47 2.90 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.28 2.56 -3.43	31.19 2.30 -3.58

NYPA_HARLEM__RVR__GT1 24160	36.32 2.36 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.32 2.52 -2.01	46.34 2.92 -7.42	50.23 3.45 -8.81	41.03 3.36 -1.59	59.39 2.98 -24.69	33.30 2.78 -0.62	32.22 2.68 -0.43	31.33 2.56 -0.58	31.60 2.59 -0.53	31.84 2.59 -0.49	31.85 2.64 -0.47	33.53 2.69 -1.56	57.36 3.16 -21.27	38.53 2.94 -5.01	36.06 2.73 -4.55	34.48 2.58 -4.46	34.65 2.55 -4.66	33.07 2.37 -3.41	30.91 2.02 -3.58
NYPA_HARLEM__RVR__GT2 24161	36.32 2.36 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.32 2.52 -2.01	46.34 2.92 -7.42	50.23 3.45 -8.81	41.03 3.36 -1.59	59.39 2.98 -24.69	33.30 2.78 -0.62	32.22 2.68 -0.43	31.33 2.56 -0.58	31.60 2.59 -0.53	31.84 2.59 -0.49	31.85 2.64 -0.47	33.53 2.69 -1.56	57.36 3.16 -21.27	38.53 2.94 -5.01	36.06 2.73 -4.55	34.48 2.58 -4.46	34.65 2.55 -4.66	33.07 2.37 -3.41	30.91 2.02 -3.58
NYPA_KENT____GT 24152	36.48 2.53 -6.46	33.51 2.42 -3.62	31.99 2.36 -2.19	32.09 2.30 -2.38	31.57 2.39 -1.68	35.41 2.62 -2.01	46.59 3.17 -7.42	48.93 3.61 -7.35	50.78 3.46 -11.24	48.22 3.08 -13.42	44.15 2.87 -11.38	42.79 2.77 -10.91	42.76 2.65 -11.92	42.79 2.71 -11.61	42.79 2.68 -11.35	43.04 2.73 -11.57	45.50 2.78 -13.44	65.13 3.26 -28.94	195.53 3.06 -161.89	61.01 2.82 -29.42	60.72 2.66 -30.62	61.09 2.66 -30.99	33.23 2.51 -3.43	31.11 2.23 -3.58
NYPA_POUCH1____GT 24155	36.46 2.50 -6.46	33.48 2.39 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.51 2.34 -1.68	35.35 2.55 -2.01	46.56 3.13 -7.42	48.88 3.57 -7.35	50.75 3.43 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	44.82 2.72 -12.82	59.42 3.19 -23.30	145.47 3.00 -111.89	55.33 2.76 -23.80	53.48 2.63 -23.40	52.30 2.63 -22.22	33.20 2.48 -3.43	31.11 2.23 -3.58
NYPA_VERNON____GT2 24162	36.40 2.45 -6.46	33.48 2.39 -3.62	31.96 2.33 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.56 3.13 -7.42	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.06 2.18 -3.58
NYPA_VERNON____GT3 24163	36.40 2.45 -6.46	33.48 2.39 -3.62	31.96 2.33 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.56 3.13 -7.42	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.06 2.18 -3.58
NYPA__ASTORIA_CC1 323568	36.40 2.45 -6.46	33.45 2.36 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.52 3.10 -7.42	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.03 2.15 -3.58
NYPA__ASTORIA_CC2 323569	36.40 2.45 -6.46	33.45 2.36 -3.62	31.93 2.31 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.52 3.10 -7.42	48.81 3.49 -7.35	50.68 3.36 -11.24	48.12 2.98 -13.42	44.06 2.78 -11.38	42.70 2.68 -10.91	42.70 2.59 -11.92	42.70 2.62 -11.61	42.70 2.59 -11.35	42.95 2.64 -11.57	45.41 2.69 -13.44	48.12 3.16 -12.03	45.41 2.94 -11.89	44.06 2.73 -12.56	39.00 2.58 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.03 2.15 -3.58
NYPA__HOLTSVILL 23794	41.29 3.05 -10.75	38.35 2.97 -7.92	35.91 2.94 -5.53	36.29 2.88 -6.00	37.73 3.00 -7.24	42.65 3.33 -8.55	52.96 3.96 -12.99	61.25 4.44 -18.85	48.43 4.15 -8.20	41.15 3.65 -5.79	35.64 3.44 -2.30	32.37 3.26 0.00	31.23 3.05 0.00	31.61 3.13 0.00	37.91 3.28 -5.88	46.27 3.33 -14.20	53.95 3.42 -21.25	57.67 3.95 -20.80	61.80 3.64 -27.58	59.56 3.42 -27.37	57.25 3.24 -26.57	43.21 3.18 -12.59	38.33 3.06 -7.98	36.77 2.73 -8.73
NYPA__HELLGATE_GT1 24158	36.32 2.36 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.32 2.52 -2.01	46.34 2.92 -7.42	47.29 3.45 -5.87	60.31 3.36 -20.87	36.35 2.98 -1.65	41.99 2.78 -9.31	38.32 2.68 -6.54	39.51 2.56 -8.75	39.08 2.59 -8.01	38.81 2.59 -7.46	38.56 2.64 -7.18	55.28 2.69 -23.31	38.86 3.16 -2.77	49.67 2.94 -16.15	50.95 2.73 -19.45	39.47 2.58 -9.45	34.65 2.55 -4.66	33.07 2.37 -3.41	30.91 2.02 -3.58
NYPA__HELLGATE_GT2 24159	36.32 2.36 -6.46	33.40 2.31 -3.62	31.90 2.28 -2.19	31.99 2.19 -2.38	31.49 2.31 -1.68	35.32 2.52 -2.01	46.34 2.92 -7.42	47.29 3.45 -5.87	60.31 3.36 -20.87	36.35 2.98 -1.65	41.99 2.78 -9.31	38.32 2.68 -6.54	39.51 2.56 -8.75	39.08 2.59 -8.01	38.81 2.59 -7.46	38.56 2.64 -7.18	55.28 2.69 -23.31	38.86 3.16 -2.77	49.67 2.94 -16.15	50.95 2.73 -19.45	39.47 2.58 -9.45	34.65 2.55 -4.66	33.07 2.37 -3.41	30.91 2.02 -3.58
NYS_BARGE__HYD 23848	26.42 -2.06 -0.98	25.82 -2.20 -0.55	25.55 -2.22 -0.33	25.41 -2.36 -0.36	25.63 -2.12 -0.26	28.66 -2.43 -0.31	33.79 -3.35 -1.13	34.73 -4.10 -0.86	32.29 -3.83 -0.03	29.02 -2.70 0.00	27.09 -2.81 0.00	26.26 -2.85 0.00	25.37 -2.82 0.00	25.14 -3.33 0.00	25.74 -3.02 0.00	25.46 -3.28 0.00	25.81 -3.45 0.01	29.79 -3.36 -0.22	28.20 -3.03 -0.64	26.14 -3.16 -0.53	25.05 -3.02 -0.63	24.94 -3.21 -0.71	24.42 -3.38 -0.52	23.21 -2.63 -0.54
OAK ORCHARD__HYD 24046	27.44 -0.93 -0.88	26.89 -1.07 -0.49	26.64 -1.10 -0.30	26.58 -1.15 -0.32	26.73 -0.99 -0.23	30.01 -1.05 -0.27	35.53 -1.48 -1.01	36.91 -1.82 -0.77	34.38 -1.73 -0.03	30.32 -1.39 0.00	28.38 -1.52 0.00	27.57 -1.54 0.00	26.69 -1.49 0.00	26.68 -1.79 0.00	27.24 -1.53 0.00	27.04 -1.70 0.00	27.50 -1.76 0.02	31.71 -1.41 -0.20	29.93 -1.22 -0.57	27.86 -1.38 -0.47	26.65 -1.34 -0.56	26.62 -1.46 -0.63	26.09 -1.67 -0.46	24.50 -1.29 -0.49
OAKDALE__35_KV_LOAD 356122	29.79 0.14 -2.16	28.76 0.08 -1.21	28.17 0.00 -0.73	28.23 0.03 -0.79	28.22 0.16 -0.56	31.64 0.18 -0.67	38.63 0.14 -2.48	39.90 0.04 -1.90	36.15 0.00 -0.07	31.97 0.25 0.00	30.05 0.15 0.00	29.26 0.15 0.00	28.27 0.08 0.00	28.45 -0.03 0.00	28.85 0.09 0.00	28.77 0.03 0.00	29.29 0.00 -0.01	33.51 0.10 -0.48	32.09 0.09 -1.41	29.94 0.00 -1.17	28.82 0.00 -1.38	28.97 -0.03 -1.56	28.18 -0.25 -1.14	26.37 -0.13 -1.20
OCC_CHEM__DRP 24175	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.03 -2.74 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	34.06 -4.78 -0.88	31.61 -4.51 -0.03	28.32 -3.39 0.00	26.49 -3.41 0.00	25.76 -3.35 0.00	24.83 -3.35 0.00	24.66 -3.82 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.28 -3.98 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.62 -0.54	24.68 -3.40 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.94 -0.53

OH_GEN_PROXY 24063	26.38 -2.12 -1.00	25.80 -2.22 -0.56	25.50 -2.28 -0.34	25.39 -2.38 -0.37	25.58 -2.17 -0.26	28.57 -2.52 -0.31	33.66 -3.49 -1.15	34.59 -4.25 -0.88	32.01 -3.90 0.17	29.10 -2.82 -0.21	27.00 -2.90 0.00	26.20 -2.91 0.00	25.34 -2.85 0.00	25.14 -3.33 0.00	25.71 -3.05 0.00	25.46 -3.28 0.00	25.81 -3.45 0.01	29.79 -3.36 -0.22	28.21 -3.03 -0.65	26.20 -3.11 -0.54	25.11 -2.96 -0.64	25.03 -3.13 -0.72	24.54 -3.28 -0.53	23.33 -2.53 -0.55
OLIN_CORP_DRP 24177	26.08 -2.42 -1.01	25.48 -2.55 -0.57	25.01 -2.77 -0.34	25.10 -2.69 -0.37	25.28 -2.47 -0.26	28.23 -2.86 -0.31	33.28 -3.89 -1.16	34.26 -4.59 -0.89	31.75 -4.37 -0.03	28.48 -3.24 0.00	26.64 -3.26 0.00	25.91 -3.20 0.00	24.98 -3.21 0.00	24.77 -3.70 0.00	25.34 -3.42 0.00	25.06 -3.68 0.00	25.40 -3.86 0.01	29.33 -3.82 -0.23	27.79 -3.46 -0.66	25.77 -3.54 -0.55	24.76 -3.32 -0.64	24.63 -3.54 -0.73	24.14 -3.68 -0.53	22.98 -2.88 -0.56
OLIN_CORP_DSASP 323712	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.25 -2.52 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	33.98 -4.86 -0.88	31.60 -4.51 -0.03	28.32 -3.39 0.00	26.43 -3.47 0.00	25.68 -3.44 0.00	24.81 -3.38 0.00	24.60 -3.87 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.26 -4.01 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.63 -0.54	24.65 -3.43 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.93 -0.53
ONEIDA_HERK_LFGE 323681	28.44 0.71 -0.23	28.28 0.69 -0.13	28.17 0.66 -0.08	28.18 0.69 -0.08	28.32 0.77 -0.06	31.84 0.98 -0.07	37.49 1.22 -0.26	39.45 1.29 -0.20	37.24 1.15 -0.01	32.54 0.82 0.00	30.65 0.75 0.00	29.81 0.70 0.00	28.86 0.68 0.00	29.21 0.74 0.00	29.60 0.83 0.00	29.57 0.83 0.00	30.15 0.88 0.00	34.00 1.02 -0.05	31.46 0.73 -0.15	29.50 0.61 -0.12	28.11 0.52 -0.14	28.15 0.55 -0.16	27.74 0.33 -0.12	25.76 0.33 -0.13
ONEIDA___115KV_TB4 55905	28.83 0.91 -0.43	28.59 0.88 -0.24	28.41 0.82 -0.15	28.42 0.85 -0.16	28.57 0.96 -0.11	32.12 1.20 -0.13	37.94 1.44 -0.50	39.86 1.52 -0.38	37.47 1.37 -0.01	32.76 1.05 0.00	30.80 0.90 0.00	29.98 0.87 0.00	29.01 0.82 0.00	29.33 0.85 0.00	29.74 0.98 0.00	29.71 0.98 0.00	30.27 1.00 0.00	34.21 1.19 -0.10	31.93 1.07 -0.28	29.89 0.89 -0.23	28.54 0.82 -0.27	28.60 0.85 -0.31	28.12 0.60 -0.23	26.15 0.61 -0.24
ONONDAGA_REF_OCCRA 23987	28.01 -0.30 -0.82	27.54 -0.38 -0.46	27.28 -0.44 -0.28	27.30 -0.41 -0.30	27.40 -0.30 -0.21	30.73 -0.31 -0.26	36.59 -0.36 -0.94	38.27 -0.42 -0.72	35.64 -0.47 -0.03	31.31 -0.41 0.00	29.42 -0.48 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.81 -0.47 -0.01	32.78 -0.33 -0.18	30.81 -0.31 -0.54	28.90 -0.32 -0.44	27.69 -0.27 -0.52	27.76 -0.27 -0.59	27.26 -0.46 -0.43	25.35 -0.40 -0.46
ONONDAGA___COGEN 23986	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43
ONTARIO___LFGE 23819	28.71 0.17 -1.05	28.11 0.06 -0.59	27.82 0.03 -0.36	27.83 0.03 -0.39	27.99 0.22 -0.27	31.45 0.34 -0.33	37.43 0.22 -1.21	39.04 0.15 -0.93	36.08 -0.04 -0.04	31.91 0.19 0.00	29.93 0.03 0.00	29.08 -0.03 0.00	28.13 -0.06 0.00	28.25 -0.23 0.00	28.76 0.00 0.00	28.59 -0.14 0.00	29.29 -0.15 -0.16	33.20 0.03 -0.24	31.46 0.18 -0.69	29.34 0.00 -0.57	28.11 0.00 -0.67	28.17 -0.03 -0.76	27.46 -0.38 -0.56	25.63 -0.25 -0.58
ORANGEVILLE_WT_PWR 323706	26.58 -1.95 -1.04	25.96 -2.09 -0.58	25.68 -2.11 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.80 -2.31 -0.32	33.99 -3.20 -1.19	34.96 -3.91 -0.91	32.44 -3.68 -0.03	29.40 -2.31 0.00	27.42 -2.48 0.00	26.49 -2.62 0.00	25.51 -2.68 0.00	25.23 -3.25 0.00	25.68 -3.08 0.00	25.26 -3.48 0.00	25.52 -3.75 0.01	29.17 -3.99 -0.23	27.53 -3.73 -0.68	25.44 -3.88 -0.56	24.45 -3.65 -0.66	24.34 -3.84 -0.75	23.82 -4.01 -0.55	22.69 -3.19 -0.57
ORANGEVILLE___ESR 323794	26.58 -1.95 -1.04	25.96 -2.09 -0.58	25.68 -2.11 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.80 -2.31 -0.32	33.99 -3.20 -1.19	34.96 -3.91 -0.91	32.44 -3.68 -0.03	29.40 -2.31 0.00	27.42 -2.48 0.00	26.49 -2.62 0.00	25.51 -2.68 0.00	25.23 -3.25 0.00	25.68 -3.08 0.00	25.26 -3.48 0.00	25.52 -3.75 0.01	29.17 -3.99 -0.23	27.53 -3.73 -0.68	25.44 -3.88 -0.56	24.45 -3.65 -0.66	24.34 -3.84 -0.75	23.82 -4.01 -0.55	22.69 -3.19 -0.57
OSWEGATCHIE___HYD 24044	27.20 -0.49 -0.20	27.08 -0.49 -0.11	27.04 -0.47 -0.07	27.07 -0.41 -0.07	27.10 -0.44 -0.05	30.32 -0.52 -0.06	35.76 -0.47 -0.23	37.72 -0.42 -0.17	35.62 -0.47 -0.01	31.08 -0.63 0.00	29.45 -0.45 0.00	28.73 -0.38 0.00	27.82 -0.37 0.00	28.19 -0.28 0.00	28.53 -0.23 0.00	28.45 -0.29 0.00	28.93 -0.35 0.00	32.48 -0.49 -0.04	29.98 -0.73 -0.13	28.13 -0.75 -0.11	26.83 -0.74 -0.13	26.84 -0.74 -0.14	26.66 -0.74 -0.10	24.75 -0.66 -0.11
OSWEGO___5 23606	27.27 -0.80 -0.57	26.94 -0.85 -0.32	26.75 -0.88 -0.19	26.74 -0.88 -0.21	26.84 -0.80 -0.15	30.07 -0.89 -0.18	35.58 -1.08 -0.66	37.29 -1.18 -0.50	34.95 -1.16 -0.02	30.73 -0.98 0.00	28.88 -1.02 0.00	28.12 -0.99 0.00	27.23 -0.96 0.00	27.45 -1.02 0.00	27.81 -0.95 0.00	27.76 -0.98 0.00	28.28 -1.00 0.00	32.10 -0.96 -0.13	30.07 -0.89 -0.37	28.21 -0.86 -0.31	26.95 -0.85 -0.36	27.00 -0.85 -0.41	26.64 -0.96 -0.30	24.76 -0.86 -0.32
OSWEGO___6 23613	27.27 -0.80 -0.57	26.94 -0.85 -0.32	26.75 -0.88 -0.19	26.74 -0.88 -0.21	26.84 -0.80 -0.15	30.07 -0.89 -0.18	35.58 -1.08 -0.66	37.29 -1.18 -0.50	34.95 -1.16 -0.02	30.73 -0.98 0.00	28.88 -1.02 0.00	28.12 -0.99 0.00	27.23 -0.96 0.00	27.45 -1.02 0.00	27.81 -0.95 0.00	27.76 -0.98 0.00	28.28 -1.00 0.00	32.10 -0.96 -0.13	30.07 -0.89 -0.37	28.21 -0.86 -0.31	26.95 -0.85 -0.36	27.00 -0.85 -0.41	26.64 -0.96 -0.30	24.76 -0.86 -0.32
OUTOKUMPU-AB___DRP 24206	26.61 -1.90 -1.01	26.00 -2.03 -0.57	25.51 -2.28 -0.34	25.59 -2.19 -0.37	25.81 -1.95 -0.26	28.85 -2.25 -0.32	33.93 -3.24 -1.17	34.98 -3.87 -0.89	32.47 -3.64 -0.03	29.21 -2.51 0.00	27.30 -2.60 0.00	26.52 -2.59 0.00	25.57 -2.62 0.00	25.37 -3.10 0.00	25.91 -2.85 0.00	25.60 -3.13 0.00	25.96 -3.31 0.01	29.89 -3.26 -0.23	28.31 -2.94 -0.66	26.21 -3.11 -0.55	25.18 -2.91 -0.65	25.04 -3.13 -0.73	24.47 -3.36 -0.54	23.27 -2.58 -0.55
OXBOW___BTM 323836	26.39 -2.12 -1.01	25.78 -2.25 -0.56	25.50 -2.28 -0.34	25.37 -2.41 -0.37	25.58 -2.17 -0.26	28.57 -2.52 -0.31	33.56 -3.60 -1.16	34.49 -4.36 -0.89	32.08 -4.04 -0.03	28.83 -2.89 0.00	26.88 -3.02 0.00	26.08 -3.03 0.00	25.20 -2.99 0.00	25.00 -3.47 0.00	25.57 -3.19 0.00	25.29 -3.45 0.00	25.63 -3.63 0.01	29.60 -3.56 -0.23	28.03 -3.21 -0.66	25.98 -3.34 -0.55	24.93 -3.15 -0.64	24.82 -3.35 -0.73	24.30 -3.52 -0.53	23.11 -2.73 -0.54

OXBOW____ 24026	26.39 -2.12 -1.01	25.78 -2.25 -0.56	25.31 -2.47 -0.34	25.37 -2.41 -0.37	25.58 -2.17 -0.26	28.57 -2.52 -0.31	33.56 -3.60 -1.16	34.56 -4.29 -0.89	32.07 -4.04 -0.03	28.80 -2.92 0.00	26.91 -2.99 0.00	26.17 -2.94 0.00	25.23 -2.96 0.00	25.03 -3.45 0.00	25.60 -3.16 0.00	25.29 -3.45 0.00	25.63 -3.63 0.01	29.60 -3.56 -0.23	28.03 -3.21 -0.66	25.98 -3.34 -0.55	24.95 -3.13 -0.64	24.82 -3.35 -0.73	24.30 -3.52 -0.53	23.11 -2.73 -0.54
OXY_CHEM_DSASP 323612	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.03 -2.74 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	34.06 -4.78 -0.88	31.61 -4.51 -0.03	28.32 -3.39 0.00	26.49 -3.41 0.00	25.76 -3.35 0.00	24.83 -3.35 0.00	24.66 -3.82 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.28 -3.98 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.62 -0.54	24.68 -3.40 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.94 -0.53
OZONE_PARK_ESR 323760	36.56 2.61 -6.45	33.61 2.53 -3.61	32.06 2.44 -2.18	32.14 2.36 -2.37	31.64 2.47 -1.67	35.53 2.74 -2.01	46.73 3.31 -7.41	49.10 3.80 -7.34	50.86 3.64 -11.13	48.01 3.24 -13.06	37.84 3.02 -4.92	35.45 2.88 -3.46	35.61 2.79 -4.63	35.53 2.82 -4.23	35.53 2.82 -3.95	35.38 2.84 -3.79	44.52 2.93 -12.32	48.28 3.42 -11.93	44.32 3.21 -10.52	43.68 2.99 -11.93	37.18 2.80 -6.94	34.88 2.77 -4.67	33.33 2.62 -3.42	31.18 2.30 -3.57
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.03 -2.74 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	34.06 -4.78 -0.88	31.61 -4.51 -0.03	28.32 -3.39 0.00	26.49 -3.41 0.00	25.76 -3.35 0.00	24.83 -3.35 0.00	24.66 -3.82 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.28 -3.98 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.62 -0.54	24.68 -3.40 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.94 -0.53
PACKARD__115KV_DUPONT_184 80571	26.13 -2.36 -1.00	25.53 -2.50 -0.56	25.03 -2.74 -0.34	25.12 -2.66 -0.37	25.31 -2.45 -0.26	28.26 -2.83 -0.31	33.12 -4.03 -1.15	34.06 -4.78 -0.88	31.61 -4.51 -0.03	28.32 -3.39 0.00	26.49 -3.41 0.00	25.76 -3.35 0.00	24.83 -3.35 0.00	24.66 -3.82 0.00	25.19 -3.57 0.00	24.91 -3.82 0.00	25.28 -3.98 0.01	29.20 -3.95 -0.22	27.69 -3.55 -0.66	25.68 -3.62 -0.54	24.68 -3.40 -0.64	24.54 -3.62 -0.72	24.08 -3.74 -0.53	22.90 -2.94 -0.53
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.26 2.31 -6.45	33.39 2.31 -3.61	31.87 2.25 -2.18	31.98 2.19 -2.37	31.48 2.31 -1.67	35.28 2.49 -2.01	46.33 2.92 -7.41	46.99 3.30 -5.72	39.85 3.18 -0.59	35.00 2.82 -0.45	32.70 2.63 -0.17	31.76 2.53 -0.11	30.80 2.45 -0.16	31.09 2.48 -0.14	31.34 2.44 -0.13	31.36 2.50 -0.13	32.25 2.55 -0.43	37.73 3.00 -1.81	37.80 2.78 -4.44	35.14 2.59 -3.78	34.09 2.44 -4.21	34.54 2.44 -4.66	32.98 2.29 -3.40	30.92 2.05 -3.57
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.59 2.64 -6.45	33.69 2.61 -3.61	32.17 2.55 -2.18	32.28 2.49 -2.37	31.78 2.61 -1.67	35.62 2.83 -2.01	46.73 3.31 -7.41	47.41 3.72 -5.72	40.25 3.57 -0.59	35.31 3.14 -0.45	33.00 2.93 -0.17	32.02 2.79 -0.11	31.02 2.68 -0.16	31.35 2.73 -0.14	31.60 2.70 -0.13	31.62 2.76 -0.13	32.52 2.81 -0.43	38.03 3.29 -1.81	38.11 3.09 -4.44	35.43 2.88 -3.78	34.36 2.72 -4.21	34.81 2.72 -4.66	33.26 2.57 -3.40	31.18 2.30 -3.57
PATROON__115KV_TB1 80586	36.94 1.57 -7.88	33.44 1.57 -4.41	31.69 1.59 -2.66	31.92 1.62 -2.90	31.13 1.59 -2.04	35.02 1.79 -2.45	47.03 1.98 -9.05	46.63 1.75 -6.92	38.11 1.77 -0.26	33.37 1.65 0.00	31.04 1.14 0.00	30.25 1.14 0.00	29.35 1.16 0.00	29.67 1.20 0.00	29.88 1.12 0.00	29.91 1.18 0.00	30.48 1.20 0.00	36.08 1.38 -1.77	36.57 1.25 -4.73	34.18 1.15 -4.26	33.59 1.13 -5.02	34.19 1.07 -5.68	32.73 1.28 -4.15	31.00 1.34 -4.36
PATTRSNVILLE__SOLAR 323815	37.04 1.24 -8.31	33.33 1.21 -4.65	31.45 1.21 -2.80	31.70 1.23 -3.06	30.89 1.24 -2.16	34.81 1.45 -2.58	47.24 1.69 -9.54	47.01 1.75 -7.30	38.02 1.66 -0.28	33.08 1.36 0.00	31.06 1.16 0.00	30.22 1.11 0.00	29.26 1.07 0.00	29.58 1.11 0.00	29.88 1.12 0.00	29.94 1.21 0.00	30.60 1.32 0.00	36.40 1.61 -1.86	37.51 1.50 -5.43	34.61 1.35 -4.49	34.03 1.29 -5.30	34.72 1.29 -5.99	32.84 1.17 -4.38	30.94 1.04 -4.60
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.41 -2.17 -1.09	25.77 -2.31 -0.61	25.28 -2.52 -0.37	25.34 -2.47 -0.40	25.58 -2.20 -0.28	28.57 -2.56 -0.34	33.80 -3.46 -1.25	34.90 -4.02 -0.96	32.37 -3.75 -0.04	30.01 -1.71 0.00	28.08 -1.82 0.00	27.28 -1.83 0.00	26.24 -1.95 0.00	26.05 -2.42 0.00	26.55 -2.21 0.00	26.27 -2.47 0.00	26.49 -2.78 0.01	29.68 -3.49 -0.24	28.11 -3.18 -0.71	26.02 -3.34 -0.59	24.98 -3.16 -0.69	24.85 -3.38 -0.78	24.26 -3.60 -0.57	23.04 -2.86 -0.60
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.35 2.36 -6.49	33.38 2.28 -3.63	31.85 2.22 -2.19	32.04 2.25 -2.39	31.38 2.20 -1.68	35.23 2.43 -2.02	46.45 2.99 -7.45	47.16 3.49 -5.70	39.65 3.36 -0.22	34.60 2.89 0.00	32.56 2.66 0.00	31.64 2.53 0.00	30.64 2.45 0.00	30.95 2.48 0.00	31.21 2.44 0.00	31.27 2.53 0.00	31.82 2.55 0.00	37.41 3.03 -1.46	37.67 2.84 -4.24	34.87 2.59 -3.51	34.02 2.44 -4.14	34.58 2.47 -4.68	32.92 2.21 -3.42	30.82 1.92 -3.59
PEEKSKILL____ 23653	35.84 1.98 -6.36	32.95 1.92 -3.56	31.48 1.89 -2.15	31.59 1.84 -2.34	31.04 1.90 -1.65	34.85 2.09 -1.98	45.79 2.48 -7.31	46.44 2.88 -5.59	39.04 2.74 -0.21	34.16 2.44 0.00	32.17 2.27 0.00	31.30 2.18 0.00	30.30 2.12 0.00	30.61 2.14 0.00	30.86 2.10 0.00	30.89 2.16 0.00	31.47 2.20 0.00	36.95 2.60 -1.43	37.19 2.45 -4.16	34.48 2.27 -3.44	33.61 2.11 -4.05	34.14 2.11 -4.58	32.61 1.97 -3.35	30.55 1.72 -3.52
PGE MADISON__WINDPWR 24146	32.33 2.75 -2.08	31.35 2.72 -1.17	30.80 2.66 -0.70	30.94 2.77 -0.77	31.17 3.13 -0.54	35.19 3.75 -0.65	42.94 4.54 -2.39	44.62 4.82 -1.83	40.52 4.36 -0.07	35.18 3.46 0.00	32.95 3.05 0.00	32.17 3.06 0.00	31.18 2.99 0.00	31.44 2.96 0.00	32.01 3.25 0.00	31.93 3.19 0.00	32.51 3.22 -0.01	37.05 3.65 -0.47	35.37 3.42 -1.36	32.80 2.90 -1.13	31.49 2.72 -1.33	31.69 2.74 -1.50	30.44 2.05 -1.10	28.43 1.97 -1.15
PIERCEFIELD__HYD 23852	26.72 -0.88 -0.11	26.67 -0.85 -0.06	26.76 -0.71 -0.04	26.74 -0.71 -0.04	26.67 -0.85 -0.03	29.71 -1.11 -0.03	34.97 -1.15 -0.12	36.96 -1.10 -0.09	35.00 -1.08 0.00	30.61 -1.11 0.00	29.18 -0.72 0.00	28.53 -0.58 0.00	27.63 -0.56 0.00	27.99 -0.48 0.00	28.27 -0.49 0.00	28.16 -0.57 0.00	28.49 -0.79 0.00	31.83 -1.12 -0.02	29.46 -1.19 -0.07	27.73 -1.09 -0.06	26.44 -1.07 -0.07	26.45 -1.07 -0.08	26.53 -0.82 -0.06	24.65 -0.71 -0.06
PINELAWN_CC_1 323563	41.18 2.94 -10.75	38.24 2.86 -7.92	35.80 2.83 -5.53	36.18 2.77 -6.00	37.59 2.86 -7.24	42.53 3.20 -8.55	52.81 3.81 -12.99	55.42 4.33 -13.13	48.36 4.08 -8.20	41.12 3.61 -5.79	35.55 3.35 -2.30	32.31 3.20 0.00	31.21 3.02 0.00	31.58 3.10 0.00	37.83 3.19 -5.88	42.99 3.25 -11.01	48.57 3.34 -15.96	52.15 3.88 -15.34	52.93 3.64 -18.71	52.23 3.36 -20.09	50.42 3.15 -19.83	43.08 3.13 -12.51	38.22 2.95 -7.98	36.69 2.66 -8.73

PJM_GEN_HTP_PROXY 323702	36.23 2.28 -6.45	33.30 2.22 -3.61	31.79 2.17 -2.18	31.87 2.08 -2.37	31.37 2.20 -1.67	35.19 2.40 -2.01	46.33 2.92 -7.41	48.62 3.34 -7.31	50.07 3.21 -10.78	47.66 2.86 -13.09	37.41 2.66 -4.85	35.08 2.56 -3.41	35.21 2.45 -4.57	35.16 2.51 -4.18	35.13 2.47 -3.89	35.01 2.53 -3.74	44.00 2.58 -12.15	47.74 3.03 -11.79	43.83 2.81 -10.44	43.20 2.62 -11.81	36.81 2.47 -6.90	34.55 2.44 -4.66	33.00 2.29 -3.42	30.90 2.02 -3.57
PJM_GEN_KEystone 24065	31.47 0.11 -3.87	29.66 0.03 -2.16	28.72 -0.03 -1.30	28.75 -0.08 -1.42	28.58 0.08 -1.00	32.01 0.03 -1.20	40.30 -0.14 -4.44	41.25 -0.23 -3.51	36.52 -0.25 -0.69	33.09 0.25 -1.12	30.42 0.18 -0.34	29.47 0.12 -0.24	28.57 0.06 -0.32	28.66 -0.11 -0.30	28.98 -0.06 -0.28	28.86 -0.14 -0.27	29.94 -0.20 -0.86	34.46 -0.07 -1.60	33.52 -0.03 -2.97	31.28 -0.17 -2.68	29.91 -0.19 -2.66	29.98 -0.25 -2.79	28.92 -0.41 -2.04	27.21 -0.23 -2.14
PJM_GEN_NEPTUNE_PROXY 323594	40.72 2.48 -10.75	37.80 2.42 -7.92	35.33 2.36 -5.53	35.74 2.33 -6.00	37.12 2.39 -7.24	41.98 2.65 -8.55	52.16 3.17 -12.99	54.29 3.61 -12.72	47.51 3.43 -8.00	40.76 3.05 -5.99	35.04 2.84 -2.30	31.85 2.74 0.00	30.75 2.56 0.00	31.12 2.65 0.00	37.31 2.68 -5.88	42.21 2.70 -10.78	46.72 2.78 -14.66	51.10 3.23 -14.95	51.66 3.00 -18.07	51.13 2.79 -19.57	49.42 2.63 -19.34	42.14 2.63 -12.07	37.75 2.48 -7.98	36.23 2.20 -8.73
PJM_GEN_VFT_PROXY 323633	36.15 2.20 -6.45	33.22 2.14 -3.61	31.68 2.06 -2.18	31.78 2.00 -2.37	31.29 2.12 -1.67	35.10 2.31 -2.01	46.19 2.77 -7.41	48.49 3.19 -7.34	50.07 3.07 -10.93	47.71 2.73 -13.26	37.36 2.54 -4.92	35.01 2.45 -3.46	35.19 2.37 -4.63	35.10 2.39 -4.23	35.09 2.39 -3.95	34.95 2.41 -3.79	44.05 2.46 -12.32	47.75 2.90 -11.93	43.80 2.69 -10.52	43.19 2.50 -11.93	36.74 2.36 -6.94	34.47 2.36 -4.67	32.95 2.24 -3.42	30.82 1.95 -3.57
PLATSBURG_115KV_PMLD1 355749	27.14 -0.36 0.00	27.22 -0.25 0.00	27.44 0.00 0.00	27.49 0.08 0.00	27.55 0.05 0.00	30.88 0.09 0.00	36.29 0.29 0.00	38.31 0.34 0.00	36.48 0.40 0.00	32.13 0.41 0.00	30.50 0.60 0.00	29.72 0.61 0.00	28.75 0.56 0.00	29.10 0.63 0.00	29.37 0.60 0.00	29.31 0.57 0.00	29.77 0.50 0.00	33.16 0.23 0.00	30.58 0.00 0.00	28.71 -0.06 0.00	27.33 -0.11 0.00	27.33 -0.11 0.00	27.37 0.08 0.00	25.40 0.10 0.00
PLEASANTVLY___LBMP 24000	36.09 1.90 -6.69	33.08 1.87 -3.75	31.51 1.81 -2.26	31.68 1.81 -2.46	31.10 1.87 -1.74	34.93 2.06 -2.08	46.10 2.41 -7.69	46.58 2.73 -5.88	38.94 2.63 -0.22	34.06 2.35 0.00	32.05 2.15 0.00	31.18 2.07 0.00	30.19 2.00 0.00	30.53 2.05 0.00	30.77 2.01 0.00	30.78 2.04 0.00	31.36 2.08 0.00	36.86 2.44 -1.50	37.25 2.29 -4.38	34.52 2.13 -3.62	33.71 2.00 -4.27	34.27 2.00 -4.82	32.70 1.88 -3.53	30.68 1.67 -3.71
PLSNTVLE_13_KV_13.8KVDIST 80602	36.10 2.12 -6.49	33.13 2.03 -3.63	31.61 1.98 -2.19	31.77 1.97 -2.39	31.21 2.03 -1.68	35.05 2.25 -2.02	46.12 2.66 -7.45	46.74 3.08 -5.70	39.29 2.99 -0.22	34.35 2.63 0.00	32.35 2.45 0.00	31.47 2.36 0.00	30.44 2.26 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.06 2.33 0.00	31.65 2.37 0.00	37.18 2.80 -1.45	37.42 2.60 -4.24	34.69 2.42 -3.51	33.85 2.28 -4.13	34.36 2.25 -4.67	32.81 2.10 -3.42	30.74 1.85 -3.59
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.10 2.12 -6.49	33.13 2.03 -3.63	31.61 1.98 -2.19	31.77 1.97 -2.39	31.21 2.03 -1.68	35.05 2.25 -2.02	46.12 2.66 -7.45	46.74 3.08 -5.70	39.29 2.99 -0.22	34.35 2.63 0.00	32.35 2.45 0.00	31.47 2.36 0.00	30.44 2.26 0.00	30.78 2.31 0.00	31.03 2.27 0.00	31.06 2.33 0.00	31.65 2.37 0.00	37.18 2.80 -1.45	37.42 2.60 -4.24	34.69 2.42 -3.51	33.85 2.28 -4.13	34.36 2.25 -4.67	32.81 2.10 -3.42	30.74 1.85 -3.59
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.16 2.12 -6.54	33.19 2.06 -3.66	31.65 2.00 -2.21	31.82 2.00 -2.41	31.25 2.06 -1.70	35.13 2.31 -2.03	46.26 2.74 -7.52	46.75 3.04 -5.75	39.19 2.89 -0.22	34.22 2.51 0.00	32.14 2.24 0.00	31.26 2.15 0.00	30.28 2.09 0.00	30.61 2.14 0.00	30.89 2.13 0.00	30.92 2.18 0.00	31.53 2.25 0.00	37.03 2.63 -1.47	37.37 2.51 -4.28	34.58 2.27 -3.54	33.75 2.14 -4.17	34.30 2.14 -4.71	32.73 1.99 -3.45	30.70 1.77 -3.62
POLETTI_____ 23519	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.64 3.34 -7.34	50.42 3.21 -11.13	47.63 2.85 -13.06	37.45 2.63 -4.92	35.13 2.56 -3.46	35.27 2.45 -4.63	35.22 2.51 -4.23	35.18 2.47 -3.95	35.03 2.50 -3.79	44.17 2.58 -12.32	47.85 3.00 -11.93	43.92 2.81 -10.52	43.28 2.59 -11.93	36.82 2.44 -6.94	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
POMONA___ESR 323819	35.76 1.98 -6.28	32.91 1.92 -3.52	31.45 1.89 -2.12	31.58 1.86 -2.31	31.05 1.92 -1.63	34.83 2.09 -1.95	45.74 2.52 -7.21	46.37 2.88 -5.52	39.07 2.78 -0.21	34.19 2.48 0.00	32.23 2.33 0.00	31.35 2.24 0.00	30.33 2.14 0.00	30.67 2.19 0.00	30.92 2.16 0.00	30.95 2.21 0.00	31.53 2.25 0.00	36.97 2.64 -1.41	37.17 2.48 -4.11	34.47 2.30 -3.40	33.59 2.14 -4.00	34.13 2.17 -4.53	32.65 2.05 -3.31	30.60 1.82 -3.48
PORT_JEFF_3 23555	41.35 3.11 -10.75	38.38 2.99 -7.92	35.93 2.96 -5.53	36.32 2.90 -6.00	37.76 3.02 -7.24	42.71 3.39 -8.55	53.03 4.03 -12.99	61.86 4.55 -19.34	48.40 4.11 -8.20	41.12 3.61 -5.79	35.67 3.47 -2.30	32.43 3.32 0.00	31.26 3.07 0.00	31.52 3.05 0.00	37.94 3.31 -5.88	46.60 3.39 -14.48	54.48 3.51 -21.69	58.08 3.88 -21.27	62.66 3.73 -28.35	60.27 3.51 -28.00	57.91 3.32 -27.16	43.10 3.07 -12.58	38.38 3.11 -7.98	36.81 2.78 -8.73
PORT_JEFF_4 23616	41.35 3.11 -10.75	38.38 2.99 -7.92	35.93 2.96 -5.53	36.32 2.90 -6.00	37.76 3.02 -7.24	42.71 3.39 -8.55	53.03 4.03 -12.99	61.86 4.55 -19.34	48.40 4.11 -8.20	41.12 3.61 -5.79	35.67 3.47 -2.30	32.43 3.32 0.00	31.26 3.07 0.00	31.52 3.05 0.00	37.94 3.31 -5.88	46.60 3.39 -14.48	54.48 3.51 -21.69	58.08 3.88 -21.27	62.66 3.73 -28.35	60.27 3.51 -28.00	57.91 3.32 -27.16	43.10 3.07 -12.58	38.38 3.11 -7.98	36.81 2.78 -8.73
PORT_JEFF_IC 23713	41.37 3.13 -10.75	38.41 3.02 -7.92	35.93 2.96 -5.53	36.35 2.93 -6.00	37.79 3.05 -7.24	42.75 3.42 -8.55	53.06 4.07 -12.99	62.80 4.59 -20.24	48.47 4.19 -8.20	41.19 3.68 -5.79	35.70 3.50 -2.30	32.46 3.35 0.00	31.29 3.10 0.00	31.58 3.10 0.00	38.00 3.37 -5.88	47.14 3.42 -14.98	55.32 3.54 -22.50	58.97 3.92 -22.13	64.09 3.76 -29.75	61.42 3.51 -29.15	59.01 3.35 -28.22	43.21 3.18 -12.58	38.41 3.14 -7.98	36.81 2.78 -8.73
PPL PILGRIM_ST_GT1 24216	41.37 3.13 -10.75	38.44 3.05 -7.92	35.99 3.02 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.10 4.10 -12.99	56.62 4.63 -14.02	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.00 3.36 -5.88	43.69 3.45 -11.50	49.71 3.54 -16.89	53.23 4.12 -16.19	54.50 3.82 -20.10	53.56 3.57 -21.23	51.67 3.35 -20.88	43.33 3.32 -12.57	38.41 3.14 -7.98	36.84 2.81 -8.73

PPL PILGRIM_ST_GT2 24217	41.37 3.13 -10.75	38.44 3.05 -7.92	35.99 3.02 -5.53	36.37 2.96 -6.00	37.81 3.08 -7.24	42.75 3.42 -8.55	53.10 4.10 -12.99	56.62 4.63 -14.02	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.00 3.36 -5.88	43.69 3.45 -11.50	49.71 3.54 -16.89	53.23 4.12 -16.19	54.50 3.82 -20.10	53.56 3.57 -21.23	51.67 3.35 -20.88	43.33 3.32 -12.57	38.41 3.14 -7.98	36.84 2.81 -8.73
PPL_SHRM_GT3 24213	41.51 3.27 -10.75	38.54 3.16 -7.92	36.10 3.13 -5.53	36.51 3.10 -6.00	37.95 3.22 -7.24	42.90 3.57 -8.55	53.28 4.28 -12.99	61.99 4.71 -19.32	48.69 4.40 -8.20	41.38 3.87 -5.79	35.82 3.62 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.12 3.48 -5.88	46.76 3.56 -14.46	54.54 3.60 -21.67	58.35 4.18 -21.24	62.62 3.73 -28.31	60.27 3.54 -27.97	58.00 3.43 -27.13	43.43 3.40 -12.58	38.54 3.27 -7.98	36.94 2.91 -8.73
PPL_SHRM_GT4 24214	41.51 3.27 -10.75	38.54 3.16 -7.92	36.10 3.13 -5.53	36.51 3.10 -6.00	37.95 3.22 -7.24	42.90 3.57 -8.55	53.28 4.28 -12.99	61.99 4.71 -19.32	48.69 4.40 -8.20	41.38 3.87 -5.79	35.82 3.62 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.12 3.48 -5.88	46.76 3.56 -14.46	54.54 3.60 -21.67	58.35 4.18 -21.24	62.62 3.73 -28.31	60.27 3.54 -27.97	58.00 3.43 -27.13	43.43 3.40 -12.58	38.54 3.27 -7.98	36.94 2.91 -8.73
PROJECT___ORANGE 1 24174	27.67 -0.52 -0.69	27.28 -0.58 -0.39	27.04 -0.63 -0.23	27.06 -0.60 -0.26	27.15 -0.52 -0.18	30.48 -0.52 -0.22	36.15 -0.65 -0.80	37.85 -0.72 -0.61	35.35 -0.76 -0.02	31.08 -0.63 0.00	29.18 -0.72 0.00	28.44 -0.67 0.00	27.51 -0.68 0.00	27.73 -0.74 0.00	28.13 -0.63 0.00	28.05 -0.69 0.00	28.57 -0.70 0.00	32.49 -0.59 -0.16	30.49 -0.55 -0.45	28.63 -0.52 -0.38	27.42 -0.47 -0.44	27.47 -0.47 -0.50	27.00 -0.65 -0.37	25.13 -0.56 -0.38
PROJECT___ORANGE 2 24166	27.67 -0.52 -0.69	27.28 -0.58 -0.39	27.04 -0.63 -0.23	27.06 -0.60 -0.26	27.15 -0.52 -0.18	30.48 -0.52 -0.22	36.15 -0.65 -0.80	37.85 -0.72 -0.61	35.35 -0.76 -0.02	31.08 -0.63 0.00	29.18 -0.72 0.00	28.44 -0.67 0.00	27.51 -0.68 0.00	27.73 -0.74 0.00	28.13 -0.63 0.00	28.05 -0.69 0.00	28.57 -0.70 0.00	32.49 -0.59 -0.16	30.49 -0.55 -0.45	28.63 -0.52 -0.38	27.42 -0.47 -0.44	27.47 -0.47 -0.50	27.00 -0.65 -0.37	25.13 -0.56 -0.38
PUCKETT___SOLAR 323809	30.59 0.88 -2.22	29.51 0.80 -1.24	28.96 0.77 -0.75	28.99 0.77 -0.82	29.01 0.94 -0.58	32.61 1.14 -0.69	39.89 1.33 -2.55	41.24 1.33 -1.95	37.28 1.12 -0.07	32.73 1.01 0.00	30.71 0.81 0.00	29.90 0.79 0.00	28.95 0.76 0.00	29.16 0.68 0.00	29.62 0.86 0.00	29.57 0.83 0.00	30.14 0.85 -0.01	34.51 1.08 -0.50	33.04 1.01 -1.45	30.80 0.83 -1.20	29.62 0.77 -1.42	29.81 0.77 -1.60	28.90 0.44 -1.17	27.04 0.51 -1.23
PYRITES___HYD 24023	27.14 -0.36 0.00	27.14 -0.33 0.00	27.22 -0.22 0.00	27.22 -0.19 0.00	27.19 -0.30 0.00	30.35 -0.43 0.00	35.75 -0.25 0.00	37.89 -0.08 0.00	36.01 -0.07 0.00	31.40 -0.32 0.00	29.90 0.00 0.00	29.20 0.09 0.00	28.33 0.14 0.00	28.73 0.26 0.00	29.08 0.32 0.00	28.94 0.20 0.00	29.22 -0.06 0.00	32.60 -0.33 0.00	30.15 -0.43 0.00	28.39 -0.37 0.00	27.03 -0.41 0.00	27.03 -0.41 0.00	27.04 -0.25 0.00	25.10 -0.20 0.00
QUAKERRD_115KV_BK1 80622	26.95 -1.40 -0.86	26.41 -1.54 -0.48	26.08 -1.65 -0.29	26.14 -1.59 -0.32	26.26 -1.46 -0.22	29.48 -1.57 -0.27	34.97 -2.02 -0.98	36.44 -2.28 -0.75	33.87 -2.24 -0.03	29.81 -1.90 0.00	27.96 -1.94 0.00	27.19 -1.92 0.00	26.30 -1.89 0.00	26.37 -2.11 0.00	26.86 -1.90 0.00	26.70 -2.04 0.00	27.17 -2.08 0.03	31.24 -1.88 -0.19	29.49 -1.65 -0.56	27.48 -1.75 -0.46	26.31 -1.67 -0.55	26.30 -1.76 -0.62	25.78 -1.96 -0.45	24.13 -1.64 -0.47
QUENSBRY_115KV_TB8 356137	36.88 1.35 -8.04	33.29 1.32 -4.50	31.47 1.32 -2.71	31.76 1.40 -2.96	30.90 1.32 -2.09	34.91 1.63 -2.50	47.14 1.91 -9.23	47.00 1.97 -7.06	38.26 1.91 -0.27	33.18 1.46 0.00	31.01 1.11 0.00	30.19 1.08 0.00	29.20 1.01 0.00	29.56 1.08 0.00	29.88 1.12 0.00	30.03 1.29 0.00	30.71 1.43 0.00	36.57 1.84 -1.80	38.15 1.74 -5.82	34.70 1.58 -4.35	34.07 1.51 -5.12	34.68 1.45 -5.79	32.78 1.26 -4.24	30.84 1.09 -4.45
RAMAPO___LBMP 323565	35.20 1.68 -6.03	32.46 1.62 -3.38	31.04 1.56 -2.04	31.19 1.56 -2.22	30.68 1.62 -1.56	34.44 1.79 -1.87	45.05 2.12 -6.92	45.65 2.39 -5.30	38.59 2.31 -0.20	33.78 2.06 0.00	31.84 1.94 0.00	30.97 1.86 0.00	29.99 1.80 0.00	30.30 1.82 0.00	30.54 1.78 0.00	30.55 1.81 0.00	31.18 1.90 0.00	36.55 2.27 -1.35	36.66 2.14 -3.94	33.98 1.96 -3.26	33.12 1.84 -3.84	33.62 1.84 -4.34	32.16 1.69 -3.18	30.13 1.49 -3.34
RANKINE___ 23646	26.69 -1.87 -1.06	26.06 -2.01 -0.59	25.58 -2.22 -0.36	25.64 -2.17 -0.39	25.84 -1.92 -0.28	28.90 -2.22 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.62 -2.09 0.00	27.72 -2.18 0.00	26.93 -2.18 0.00	25.91 -2.28 0.00	25.68 -2.79 0.00	26.23 -2.53 0.00	25.89 -2.84 0.00	26.19 -3.07 0.01	29.90 -3.26 -0.24	28.31 -2.97 -0.69	26.21 -3.14 -0.57	25.18 -2.94 -0.68	25.05 -3.16 -0.76	24.46 -3.38 -0.56	23.28 -2.61 -0.59
RAVENSWOOD_GT2_1 24244	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT2_2 24245	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT2_3 24246	36.29 2.34 -6.45	33.36 2.28 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.70 3.38 -7.36	50.60 3.25 -11.27	47.82 2.89 -13.22	37.57 2.69 -4.98	35.20 2.59 -3.50	35.38 2.51 -4.69	35.30 2.53 -4.29	35.26 2.50 -4.00	35.14 2.56 -3.84	44.35 2.61 -12.47	48.05 3.06 -12.06	44.03 2.84 -10.60	43.44 2.65 -12.03	36.91 2.50 -6.97	34.60 2.50 -4.67	33.06 2.35 -3.42	30.95 2.07 -3.57
RAVENSWOOD_GT2_4 24247	36.29 2.34 -6.45	33.36 2.28 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.70 3.38 -7.36	50.60 3.25 -11.27	47.82 2.89 -13.22	37.57 2.69 -4.98	35.20 2.59 -3.50	35.38 2.51 -4.69	35.30 2.53 -4.29	35.26 2.50 -4.00	35.14 2.56 -3.84	44.35 2.61 -12.47	48.05 3.06 -12.06	44.03 2.84 -10.60	43.44 2.65 -12.03	36.91 2.50 -6.97	34.60 2.50 -4.67	33.06 2.35 -3.42	30.95 2.07 -3.57

RAVENSWOOD_GT3_1 24248	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.19	37.56 2.69 -4.97	35.16 2.56 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT3_2 24249	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.19	37.56 2.69 -4.97	35.16 2.56 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT3_3 24250	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT3_4 24251	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_1 23729	36.40 2.45 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.55 3.13 -7.41	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.05 2.18 -3.57
RAVENSWOOD_GT_10 24258	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_11 24259	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_4 24252	36.26 2.31 -6.45	33.33 2.25 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.53 3.21 -11.24	47.76 2.85 -13.18	37.53 2.66 -4.97	35.16 2.56 -3.49	35.31 2.45 -4.67	35.26 2.51 -4.28	35.22 2.47 -3.99	35.10 2.53 -3.83	44.29 2.58 -12.44	47.95 3.00 -12.03	43.98 2.81 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_5 24254	36.26 2.31 -6.45	33.33 2.25 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.53 3.21 -11.24	47.76 2.85 -13.18	37.53 2.66 -4.97	35.16 2.56 -3.49	35.31 2.45 -4.67	35.26 2.51 -4.28	35.22 2.47 -3.99	35.10 2.53 -3.83	44.29 2.58 -12.44	47.95 3.00 -12.03	43.98 2.81 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_6 24253	36.26 2.31 -6.45	33.33 2.25 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.53 3.21 -11.24	47.76 2.85 -13.18	37.53 2.66 -4.97	35.16 2.56 -3.49	35.31 2.45 -4.67	35.26 2.51 -4.28	35.22 2.47 -3.99	35.10 2.53 -3.83	44.29 2.58 -12.44	47.95 3.00 -12.03	43.98 2.81 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_7 24255	36.26 2.31 -6.45	33.33 2.25 -3.61	31.79 2.17 -2.18	31.89 2.11 -2.37	31.40 2.23 -1.67	35.22 2.43 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.53 3.21 -11.24	47.76 2.85 -13.18	37.53 2.66 -4.97	35.16 2.56 -3.49	35.31 2.45 -4.67	35.26 2.51 -4.28	35.22 2.47 -3.99	35.10 2.53 -3.83	44.29 2.58 -12.44	47.95 3.00 -12.03	43.98 2.81 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.55 2.44 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD_GT_9 24257	36.29 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.40 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.66 3.34 -7.35	50.57 3.25 -11.24	47.79 2.89 -13.18	37.56 2.69 -4.97	35.19 2.59 -3.49	35.34 2.48 -4.67	35.29 2.53 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.83	44.32 2.61 -12.44	47.99 3.03 -12.03	44.01 2.84 -10.59	43.39 2.62 -12.01	36.87 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD___1 23533	36.40 2.45 -6.46	33.48 2.39 -3.62	31.96 2.33 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.56 3.13 -7.42	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.06 2.18 -3.58
RAVENSWOOD___2 23534	36.40 2.45 -6.46	33.48 2.39 -3.62	31.96 2.33 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.56 3.13 -7.42	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.06 2.18 -3.58

RAVENSWOOD___3 23535	36.28 2.34 -6.45	33.33 2.25 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.39 2.23 -1.67	35.25 2.46 -2.01	46.37 2.95 -7.41	48.70 3.38 -7.36	50.58 3.25 -11.25	47.81 2.89 -13.20	37.54 2.66 -4.98	35.20 2.59 -3.50	35.35 2.48 -4.68	35.26 2.51 -4.28	35.25 2.50 -3.99	35.10 2.53 -3.84	44.34 2.60 -12.46	48.00 3.03 -12.05	44.02 2.84 -10.60	43.41 2.62 -12.02	36.88 2.47 -6.97	34.58 2.47 -4.67	33.03 2.32 -3.42	30.92 2.05 -3.57
RAVENSWOOD___4 23820	36.40 2.45 -6.46	33.48 2.39 -3.62	31.96 2.33 -2.19	32.04 2.25 -2.38	31.54 2.36 -1.68	35.38 2.59 -2.01	46.56 3.13 -7.42	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.43	31.06 2.18 -3.58
RCPL_TRUST___DRP 24196	36.29 2.34 -6.45	33.36 2.28 -3.61	31.81 2.20 -2.18	31.92 2.14 -2.37	31.42 2.25 -1.67	35.25 2.46 -2.01	46.40 2.99 -7.41	48.70 3.42 -7.32	50.41 3.32 -11.01	47.58 2.95 -12.91	37.52 2.75 -4.87	35.18 2.65 -3.42	35.33 2.57 -4.58	35.25 2.59 -4.19	35.22 2.56 -3.90	35.10 2.62 -3.75	44.12 2.66 -12.18	47.87 3.13 -11.81	43.94 2.91 -10.45	43.27 2.68 -11.83	36.87 2.52 -6.91	34.63 2.52 -4.67	33.05 2.35 -3.42	30.95 2.07 -3.57
RED___ROCHESTER 323720	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.75 -0.99 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.14 -1.59 -0.77	34.60 -1.51 -0.03	30.51 -1.21 0.00	28.55 -1.34 0.00	27.74 -1.37 0.00	26.87 -1.32 0.00	26.85 -1.62 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.82 -1.18 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
REGAN___SOLAR 323812	39.30 2.91 -8.89	35.30 2.86 -4.98	33.24 2.80 -3.00	33.58 2.90 -3.27	32.69 2.89 -2.31	37.05 3.51 -2.76	50.25 4.03 -10.21	49.92 4.14 -7.82	40.17 3.79 -0.30	34.54 2.82 0.00	32.29 2.39 0.00	31.38 2.27 0.00	30.36 2.17 0.00	30.72 2.25 0.00	31.23 2.47 0.00	31.58 2.85 0.00	32.55 3.28 0.00	38.97 4.05 -1.99	40.19 3.79 -5.82	36.97 3.39 -4.81	36.37 3.26 -5.67	37.17 3.32 -6.41	34.82 2.84 -4.69	32.66 2.43 -4.92
RENSSELAER___COGEN 23796	36.72 1.43 -7.80	33.26 1.43 -4.37	31.53 1.45 -2.63	31.73 1.45 -2.87	31.00 1.48 -2.02	34.84 1.63 -2.42	46.76 1.80 -8.95	46.34 1.52 -6.85	37.89 1.55 -0.26	33.21 1.49 0.00	30.89 0.99 0.00	30.13 1.02 0.00	29.20 1.01 0.00	29.53 1.05 0.00	29.71 0.95 0.00	29.77 1.03 0.00	30.33 1.05 0.00	35.86 1.18 -1.75	36.26 1.07 -4.61	33.96 0.98 -4.22	33.37 0.96 -4.97	33.99 0.93 -5.62	32.55 1.15 -4.11	30.88 1.26 -4.32
REPUBLIC_115KV_BARTNBRK 55605	38.02 2.50 -8.03	34.38 2.42 -4.50	32.56 2.41 -2.71	32.91 2.55 -2.95	32.00 2.42 -2.08	36.20 2.92 -2.49	48.68 3.46 -9.22	48.66 3.64 -7.05	39.81 3.46 -0.27	34.38 2.66 0.00	32.02 2.12 0.00	31.18 2.07 0.00	30.13 1.95 0.00	30.50 2.02 0.00	30.89 2.13 0.00	31.12 2.39 0.00	31.91 2.63 0.00	38.02 3.29 -1.80	39.52 3.09 -5.85	35.93 2.82 -4.34	35.27 2.72 -5.12	35.86 2.63 -5.78	33.81 2.29 -4.23	31.75 2.00 -4.44
REVERE_CPPR_DRP 24186	29.02 1.15 -0.37	28.77 1.10 -0.21	28.61 1.04 -0.12	28.64 1.10 -0.14	28.83 1.24 -0.10	32.41 1.51 -0.11	38.26 1.84 -0.42	40.22 1.94 -0.32	37.86 1.77 -0.01	33.02 1.30 0.00	31.07 1.17 0.00	30.25 1.14 0.00	29.29 1.10 0.00	29.61 1.14 0.00	30.06 1.29 0.00	30.03 1.29 0.00	30.62 1.35 0.00	34.56 1.55 -0.08	32.17 1.35 -0.24	30.12 1.15 -0.20	28.74 1.07 -0.23	28.77 1.07 -0.26	28.27 0.79 -0.19	26.29 0.78 -0.20
REYNOLDS_115KV_TB3 80639	36.86 1.57 -7.80	33.40 1.57 -4.37	31.64 1.56 -2.63	31.87 1.59 -2.87	31.11 1.59 -2.02	34.99 1.79 -2.42	46.94 1.98 -8.96	46.60 1.78 -6.85	38.15 1.80 -0.26	33.43 1.71 0.00	31.16 1.26 0.00	30.36 1.25 0.00	29.43 1.24 0.00	29.78 1.31 0.00	29.94 1.18 0.00	29.97 1.24 0.00	30.56 1.29 0.00	36.19 1.51 -1.75	36.44 1.38 -4.48	34.28 1.29 -4.22	33.67 1.26 -4.97	34.27 1.21 -5.62	32.77 1.36 -4.11	30.99 1.37 -4.32
RIVERBAY____ 323610	36.59 2.64 -6.45	33.69 2.61 -3.61	32.17 2.55 -2.18	32.28 2.49 -2.37	31.78 2.61 -1.67	35.62 2.83 -2.01	46.73 3.31 -7.41	47.41 3.72 -5.72	40.25 3.57 -0.59	35.31 3.14 -0.45	33.00 2.93 -0.17	32.02 2.79 -0.11	31.02 2.68 -0.16	31.35 2.73 -0.14	31.60 2.70 -0.13	31.62 2.76 -0.13	32.52 2.81 -0.43	38.03 3.29 -1.81	38.11 3.09 -4.44	35.43 2.88 -3.78	34.36 2.72 -4.21	34.81 2.72 -4.66	33.26 2.57 -3.40	31.18 2.30 -3.57
RIVERSDE_115KV_TB3 55908	36.86 1.54 -7.83	33.39 1.54 -4.38	31.65 1.56 -2.64	31.88 1.59 -2.88	31.12 1.59 -2.03	34.97 1.75 -2.43	46.94 1.94 -8.99	46.55 1.71 -6.88	38.07 1.73 -0.26	33.37 1.65 0.00	31.07 1.17 0.00	30.28 1.16 0.00	29.35 1.16 0.00	29.70 1.22 0.00	29.85 1.09 0.00	29.91 1.18 0.00	30.48 1.20 0.00	36.06 1.38 -1.75	36.42 1.25 -4.59	34.18 1.18 -4.23	33.58 1.15 -4.99	34.18 1.10 -5.64	32.70 1.28 -4.13	30.98 1.34 -4.33
ROARING___BROOK_WT_PWR 323790	27.14 -0.36 0.00	27.19 -0.27 0.00	27.22 -0.22 0.00	27.22 -0.19 0.00	27.27 -0.22 0.00	30.54 -0.25 0.00	35.75 -0.25 0.00	37.70 -0.26 0.00	35.87 -0.22 0.00	31.50 -0.22 0.00	29.75 -0.15 0.00	28.97 -0.14 0.00	28.05 -0.14 0.00	28.33 -0.14 0.00	28.56 -0.20 0.00	28.45 -0.29 0.00	28.84 -0.44 0.00	32.20 -0.72 0.00	29.73 -0.86 0.00	27.88 -0.89 0.00	26.54 -0.90 0.00	26.54 -0.90 0.00	26.55 -0.74 0.00	24.59 -0.71 0.00
ROCHESRG_115KV_T4 355643	27.32 -1.04 -0.87	26.77 -1.18 -0.48	26.39 -1.34 -0.29	26.47 -1.26 -0.32	26.62 -1.10 -0.22	29.85 -1.20 -0.27	35.34 -1.66 -0.99	36.75 -1.97 -0.76	34.16 -1.95 -0.03	30.13 -1.59 0.00	28.26 -1.64 0.00	27.48 -1.63 0.00	26.55 -1.63 0.00	26.57 -1.91 0.00	27.09 -1.67 0.00	26.90 -1.84 0.00	27.36 -1.90 0.02	31.54 -1.58 -0.19	29.77 -1.38 -0.57	27.71 -1.52 -0.47	26.54 -1.45 -0.55	26.50 -1.56 -0.62	25.97 -1.77 -0.46	24.39 -1.39 -0.48
ROCHESTER_9_IC 23652	27.46 -0.91 -0.87	26.91 -1.04 -0.49	26.53 -1.21 -0.29	26.58 -1.15 -0.32	26.76 -0.96 -0.23	30.04 -1.02 -0.27	35.57 -1.44 -1.00	36.98 -1.75 -0.77	34.38 -1.73 -0.03	30.35 -1.36 0.00	28.43 -1.47 0.00	27.66 -1.46 0.00	26.72 -1.47 0.00	26.74 -1.74 0.00	27.27 -1.50 0.00	27.07 -1.67 0.00	27.56 -1.70 0.02	31.74 -1.38 -0.20	29.99 -1.16 -0.57	27.89 -1.35 -0.47	26.71 -1.29 -0.56	26.67 -1.40 -0.63	26.14 -1.61 -0.46	24.52 -1.27 -0.48
ROCKVIEW_13_KV_LD 356306	36.18 2.23 -6.45	33.22 2.14 -3.61	31.70 2.09 -2.18	31.84 2.06 -2.37	31.31 2.14 -1.67	35.16 2.37 -2.01	46.26 2.84 -7.41	46.90 3.26 -5.67	39.47 3.18 -0.21	34.54 2.82 0.00	32.50 2.60 0.00	31.61 2.50 0.00	30.61 2.42 0.00	30.95 2.48 0.00	31.21 2.44 0.00	31.24 2.50 0.00	31.82 2.55 0.00	37.37 3.00 -1.45	37.58 2.78 -4.22	34.85 2.59 -3.49	33.97 2.41 -4.11	34.50 2.41 -4.65	32.93 2.24 -3.40	30.85 1.97 -3.57

ROME____115KV_TB2 80656	29.02 1.15 -0.37	28.77 1.10 -0.21	28.61 1.04 -0.12	28.64 1.10 -0.14	28.83 1.24 -0.10	32.41 1.51 -0.11	38.26 1.84 -0.42	40.22 1.94 -0.32	37.86 1.77 -0.01	33.02 1.30 0.00	31.07 1.17 0.00	30.25 1.14 0.00	29.29 1.10 0.00	29.61 1.14 0.00	30.06 1.29 0.00	30.03 1.29 0.00	30.62 1.35 0.00	34.56 1.55 -0.08	32.17 1.35 -0.24	30.12 1.15 -0.20	28.74 1.07 -0.23	28.77 1.07 -0.26	28.27 0.79 -0.19	26.29 0.78 -0.20
ROSETON____1 23587	35.67 1.79 -6.39	32.81 1.76 -3.58	31.33 1.73 -2.16	31.46 1.70 -2.35	30.91 1.76 -1.66	34.71 1.94 -1.99	45.62 2.27 -7.34	46.16 2.58 -5.62	38.78 2.49 -0.21	33.94 2.22 0.00	31.93 2.03 0.00	31.06 1.95 0.00	30.08 1.89 0.00	30.38 1.91 0.00	30.66 1.90 0.00	30.66 1.93 0.00	31.27 1.99 0.00	36.70 2.34 -1.43	36.93 2.17 -4.18	34.24 2.01 -3.46	33.41 1.89 -4.07	33.94 1.89 -4.61	32.43 1.77 -3.37	30.41 1.57 -3.54
ROSETON____2 23588	35.67 1.79 -6.39	32.81 1.76 -3.58	31.33 1.73 -2.16	31.46 1.70 -2.35	30.91 1.76 -1.66	34.71 1.94 -1.99	45.62 2.27 -7.34	46.16 2.58 -5.62	38.78 2.49 -0.21	33.94 2.22 0.00	31.93 2.03 0.00	31.06 1.95 0.00	30.08 1.89 0.00	30.38 1.91 0.00	30.66 1.90 0.00	30.66 1.93 0.00	31.27 1.99 0.00	36.70 2.34 -1.43	36.93 2.17 -4.18	34.24 2.01 -3.46	33.41 1.89 -4.07	33.94 1.89 -4.61	32.43 1.77 -3.37	30.41 1.57 -3.54
ROTTTRDAM_115KV_TB3 80664	36.77 1.10 -8.18	33.12 1.07 -4.58	31.27 1.07 -2.76	31.49 1.07 -3.01	30.72 1.10 -2.12	34.59 1.26 -2.54	46.84 1.44 -9.39	46.67 1.52 -7.19	37.80 1.44 -0.27	32.95 1.24 0.00	30.95 1.05 0.00	30.13 1.02 0.00	29.18 0.99 0.00	29.50 1.03 0.00	29.77 1.01 0.00	29.80 1.06 0.00	30.42 1.14 0.00	36.14 1.38 -1.83	37.21 1.28 -5.35	34.37 1.18 -4.42	33.78 1.13 -5.21	34.43 1.10 -5.89	32.64 1.04 -4.31	30.74 0.91 -4.53
RUSSELL____1 23602	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
RUSSELL____2 23532	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
RUSSELL____3 23549	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
RUSSELL____4 23556	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
RUSSELL____STATION 23914	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
S SALMON____HYD 24043	27.56 -0.49 -0.56	27.23 -0.55 -0.31	27.05 -0.58 -0.19	27.07 -0.55 -0.21	27.15 -0.49 -0.15	30.43 -0.52 -0.17	36.07 -0.58 -0.64	37.81 -0.65 -0.49	35.38 -0.72 -0.02	31.02 -0.70 0.00	29.15 -0.75 0.00	28.44 -0.67 0.00	27.54 -0.65 0.00	27.79 -0.68 0.00	28.16 -0.61 0.00	28.10 -0.63 0.00	28.64 -0.64 0.00	32.49 -0.56 -0.13	30.40 -0.55 -0.37	28.46 -0.61 -0.30	27.19 -0.60 -0.36	27.30 -0.55 -0.40	26.85 -0.74 -0.30	24.95 -0.66 -0.31
S.PERRY__115KV_TB1 80734	29.46 0.66 -1.30	28.69 0.49 -0.73	28.24 0.36 -0.44	28.30 0.41 -0.48	28.49 0.66 -0.34	32.11 0.92 -0.40	38.51 1.01 -1.50	40.06 0.95 -1.14	36.81 0.69 -0.04	32.51 0.79 0.00	30.35 0.45 0.00	29.40 0.29 0.00	28.42 0.23 0.00	28.39 -0.09 0.00	28.99 0.23 0.00	28.85 0.11 0.00	29.43 0.15 -0.01	33.78 0.56 -0.29	32.08 0.64 -0.85	29.76 0.29 -0.70	28.54 0.27 -0.83	28.54 0.16 -0.94	27.68 -0.30 -0.69	25.87 -0.15 -0.72
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.59 -1.92 -1.02	25.98 -2.06 -0.57	25.51 -2.28 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.79 -2.31 -0.32	33.94 -3.24 -1.18	34.99 -3.87 -0.90	32.47 -3.64 -0.03	29.24 -2.47 0.00	27.36 -2.54 0.00	26.58 -2.53 0.00	25.60 -2.59 0.00	25.43 -3.05 0.00	25.94 -2.82 0.00	25.66 -3.07 0.00	25.99 -3.28 0.01	29.86 -3.29 -0.23	28.29 -2.97 -0.67	26.24 -3.08 -0.55	25.18 -2.91 -0.65	25.05 -3.13 -0.74	24.53 -3.30 -0.54	23.34 -2.53 -0.57
SAWYER____23_KV_LOAD 55526	26.59 -1.92 -1.02	25.98 -2.06 -0.57	25.51 -2.28 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.79 -2.31 -0.32	33.94 -3.24 -1.18	34.99 -3.87 -0.90	32.47 -3.64 -0.03	29.24 -2.47 0.00	27.36 -2.54 0.00	26.58 -2.53 0.00	25.60 -2.59 0.00	25.43 -3.05 0.00	25.94 -2.82 0.00	25.66 -3.07 0.00	25.99 -3.28 0.01	29.86 -3.29 -0.23	28.29 -2.97 -0.67	26.24 -3.08 -0.55	25.18 -2.91 -0.65	25.05 -3.13 -0.74	24.53 -3.30 -0.54	23.34 -2.53 -0.57
SELKIRK____I 23801	36.61 1.43 -7.69	33.17 1.40 -4.30	31.46 1.43 -2.59	31.66 1.42 -2.83	30.92 1.43 -2.00	34.77 1.60 -2.39	46.60 1.76 -8.83	46.35 1.63 -6.76	37.96 1.63 -0.26	33.18 1.46 0.00	31.01 1.11 0.00	30.22 1.11 0.00	29.29 1.10 0.00	29.62 1.14 0.00	29.85 1.09 0.00	29.89 1.15 0.00	30.48 1.20 0.00	36.03 1.38 -1.72	36.61 1.25 -4.77	34.10 1.18 -4.16	33.47 1.13 -4.90	34.10 1.13 -5.54	32.54 1.20 -4.05	30.77 1.21 -4.26
SELKIRK____II 23799	36.56 1.29 -7.77	33.11 1.29 -4.35	31.35 1.29 -2.62	31.58 1.32 -2.86	30.83 1.32 -2.02	34.65 1.45 -2.42	46.59 1.66 -8.93	46.31 1.52 -6.83	37.86 1.52 -0.26	33.11 1.39 0.00	30.95 1.05 0.00	30.16 1.05 0.00	29.23 1.04 0.00	29.56 1.08 0.00	29.77 1.01 0.00	29.80 1.06 0.00	30.39 1.11 0.00	35.92 1.25 -1.74	36.53 1.16 -4.79	34.04 1.07 -4.20	33.41 1.02 -4.95	34.06 1.02 -5.60	32.48 1.09 -4.10	30.72 1.11 -4.30

SENECA OSWGO___HYD 24041	27.44 -0.69 -0.63	27.05 -0.77 -0.35	26.88 -0.77 -0.21	26.87 -0.77 -0.23	26.94 -0.72 -0.16	30.21 -0.77 -0.20	35.83 -0.90 -0.72	37.49 -1.02 -0.55	35.06 -1.05 -0.02	30.80 -0.92 0.00	28.91 -0.99 0.00	28.15 -0.96 0.00	27.29 -0.90 0.00	27.51 -0.97 0.00	27.90 -0.86 0.00	27.82 -0.92 0.00	28.37 -0.91 0.00	32.21 -0.86 -0.14	30.23 -0.76 -0.41	28.33 -0.78 -0.34	27.10 -0.74 -0.40	27.18 -0.71 -0.45	26.72 -0.90 -0.33	24.87 -0.78 -0.35
SENECA___115KV_TB3 355854	26.74 -1.81 -1.06	26.11 -1.95 -0.59	25.63 -2.17 -0.36	25.69 -2.11 -0.39	25.90 -1.87 -0.28	28.96 -2.15 -0.33	34.16 -3.06 -1.22	35.25 -3.64 -0.93	32.69 -3.43 -0.04	29.69 -2.03 0.00	27.78 -2.12 0.00	26.96 -2.15 0.00	25.96 -2.23 0.00	25.74 -2.73 0.00	26.26 -2.50 0.00	25.95 -2.79 0.00	26.25 -3.02 0.01	29.97 -3.19 -0.24	28.37 -2.91 -0.69	26.26 -3.08 -0.57	25.21 -2.91 -0.68	25.08 -3.13 -0.76	24.52 -3.33 -0.56	23.33 -2.56 -0.59
SENECA___ENERGY 23797	28.19 -0.25 -0.95	27.67 -0.33 -0.53	27.40 -0.36 -0.32	27.37 -0.38 -0.35	27.52 -0.22 -0.25	30.92 -0.15 -0.29	36.80 -0.29 -1.09	38.42 -0.38 -0.83	35.64 -0.47 -0.03	31.40 -0.32 0.00	29.45 -0.45 0.00	28.64 -0.47 0.00	27.71 -0.48 0.00	27.85 -0.63 0.00	28.30 -0.46 0.00	28.19 -0.55 0.00	28.82 -0.53 -0.07	32.74 -0.39 -0.21	30.93 -0.28 -0.62	28.90 -0.37 -0.51	27.69 -0.36 -0.60	27.71 -0.41 -0.68	27.11 -0.68 -0.50	25.29 -0.53 -0.52
SHOEMAKER___GT 23640	34.79 1.51 -5.79	32.16 1.45 -3.24	30.82 1.43 -1.95	30.96 1.42 -2.13	30.45 1.46 -1.50	34.21 1.63 -1.80	44.56 1.91 -6.64	45.17 2.12 -5.08	38.29 2.02 -0.19	33.49 1.78 0.00	31.51 1.61 0.00	30.65 1.54 0.00	29.68 1.49 0.00	29.98 1.51 0.00	30.26 1.49 0.00	30.29 1.55 0.00	30.89 1.61 0.00	36.13 1.91 -1.30	36.17 1.80 -3.78	33.56 1.67 -3.13	32.66 1.54 -3.69	33.17 1.56 -4.17	31.76 1.42 -3.05	29.77 1.26 -3.20
SHOEMAKR_138KV_BK 111 55601	34.75 1.51 -5.75	32.14 1.46 -3.22	30.78 1.40 -1.94	30.92 1.40 -2.11	30.44 1.46 -1.49	34.17 1.60 -1.79	44.51 1.91 -6.60	45.10 2.09 -5.05	38.29 2.02 -0.19	33.49 1.78 0.00	31.51 1.61 0.00	30.65 1.54 0.00	29.68 1.49 0.00	30.01 1.54 0.00	30.26 1.50 0.00	30.29 1.55 0.00	30.89 1.61 0.00	36.16 1.94 -1.29	36.14 1.80 -3.76	33.54 1.67 -3.11	32.67 1.56 -3.66	33.15 1.56 -4.14	31.74 1.42 -3.03	29.75 1.27 -3.18
SHOREHAM_IC_1 23715	41.51 3.27 -10.75	38.54 3.16 -7.92	36.10 3.13 -5.53	36.51 3.10 -6.00	37.95 3.22 -7.24	42.90 3.57 -8.55	53.28 4.28 -12.99	61.99 4.71 -19.32	48.69 4.40 -8.20	41.38 3.87 -5.79	35.82 3.62 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.12 3.48 -5.88	46.76 3.56 -14.46	54.54 3.60 -21.67	58.35 4.18 -21.24	62.62 3.73 -28.31	60.27 3.54 -27.97	58.00 3.43 -27.13	43.43 3.40 -12.58	38.54 3.27 -7.98	36.94 2.91 -8.73
SHOREHAM_IC_2 23716	41.51 3.27 -10.75	38.54 3.16 -7.92	36.10 3.13 -5.53	36.51 3.10 -6.00	37.95 3.22 -7.24	42.90 3.57 -8.55	53.28 4.28 -12.99	61.99 4.71 -19.32	48.69 4.40 -8.20	41.38 3.87 -5.79	35.82 3.62 -2.30	32.52 3.40 0.00	31.37 3.18 0.00	31.75 3.27 0.00	38.12 3.48 -5.88	46.76 3.56 -14.46	54.54 3.60 -21.67	58.35 4.18 -21.24	62.62 3.73 -28.31	60.27 3.54 -27.97	58.00 3.43 -27.13	43.43 3.40 -12.58	38.54 3.27 -7.98	36.94 2.91 -8.73
SISSONVILLE___ 23735	26.72 -0.88 -0.11	26.67 -0.85 -0.06	26.76 -0.71 -0.04	26.74 -0.71 -0.04	26.67 -0.85 -0.03	29.71 -1.11 -0.03	34.97 -1.15 -0.12	36.96 -1.10 -0.09	35.00 -1.08 0.00	30.61 -1.11 0.00	29.18 -0.72 0.00	28.53 -0.58 0.00	27.63 -0.56 0.00	27.99 -0.48 0.00	28.27 -0.49 0.00	28.16 -0.57 0.00	28.49 -0.79 0.00	31.83 -1.12 -0.02	29.46 -1.19 -0.07	27.73 -1.09 -0.06	26.44 -1.07 -0.07	26.45 -1.07 -0.08	26.53 -0.82 -0.06	24.65 -0.71 -0.06
SITHE_IND_GS1 24169	26.94 -1.07 -0.52	26.66 -1.10 -0.29	26.49 -1.13 -0.17	26.48 -1.13 -0.19	26.56 -1.07 -0.13	29.77 -1.17 -0.16	35.19 -1.40 -0.59	36.90 -1.52 -0.45	34.62 -1.48 -0.02	30.42 -1.30 0.00	28.61 -1.28 0.00	27.86 -1.25 0.00	26.98 -1.21 0.00	27.19 -1.28 0.00	27.55 -1.21 0.00	27.50 -1.23 0.00	28.02 -1.26 0.00	31.79 -1.25 -0.12	29.76 -1.16 -0.34	27.92 -1.12 -0.28	26.67 -1.10 -0.33	26.71 -1.10 -0.37	26.36 -1.20 -0.27	24.53 -1.06 -0.29
SITHE_IND_GS2 24170	26.94 -1.07 -0.52	26.66 -1.10 -0.29	26.49 -1.13 -0.17	26.48 -1.13 -0.19	26.56 -1.07 -0.13	29.77 -1.17 -0.16	35.19 -1.40 -0.59	36.90 -1.52 -0.45	34.62 -1.48 -0.02	30.42 -1.30 0.00	28.61 -1.28 0.00	27.86 -1.25 0.00	26.98 -1.21 0.00	27.19 -1.28 0.00	27.55 -1.21 0.00	27.50 -1.23 0.00	28.02 -1.26 0.00	31.79 -1.25 -0.12	29.76 -1.16 -0.34	27.92 -1.12 -0.28	26.67 -1.10 -0.33	26.71 -1.10 -0.37	26.36 -1.20 -0.27	24.53 -1.06 -0.29
SITHE_IND_GS3 24171	26.94 -1.07 -0.52	26.66 -1.10 -0.29	26.49 -1.13 -0.17	26.48 -1.13 -0.19	26.56 -1.07 -0.13	29.77 -1.17 -0.16	35.19 -1.40 -0.59	36.90 -1.52 -0.45	34.62 -1.48 -0.02	30.42 -1.30 0.00	28.61 -1.28 0.00	27.86 -1.25 0.00	26.98 -1.21 0.00	27.19 -1.28 0.00	27.55 -1.21 0.00	27.50 -1.23 0.00	28.02 -1.26 0.00	31.79 -1.25 -0.12	29.76 -1.16 -0.34	27.92 -1.12 -0.28	26.67 -1.10 -0.33	26.71 -1.10 -0.37	26.36 -1.20 -0.27	24.53 -1.06 -0.29
SITHE_IND_GS4 24172	26.94 -1.07 -0.52	26.66 -1.10 -0.29	26.49 -1.13 -0.17	26.48 -1.13 -0.19	26.56 -1.07 -0.13	29.77 -1.17 -0.16	35.19 -1.40 -0.59	36.90 -1.52 -0.45	34.62 -1.48 -0.02	30.42 -1.30 0.00	28.61 -1.28 0.00	27.86 -1.25 0.00	26.98 -1.21 0.00	27.19 -1.28 0.00	27.55 -1.21 0.00	27.50 -1.23 0.00	28.02 -1.26 0.00	31.79 -1.25 -0.12	29.76 -1.16 -0.34	27.92 -1.12 -0.28	26.67 -1.10 -0.33	26.71 -1.10 -0.37	26.36 -1.20 -0.27	24.53 -1.06 -0.29
SITHE___BATAVIA 24024	27.29 -1.15 -0.95	26.68 -1.32 -0.53	26.39 -1.37 -0.32	26.28 -1.48 -0.35	26.50 -1.24 -0.25	29.79 -1.29 -0.30	35.19 -1.91 -1.09	36.37 -2.43 -0.84	33.80 -2.31 -0.03	30.13 -1.58 0.00	28.14 -1.76 0.00	27.25 -1.86 0.00	26.36 -1.83 0.00	26.20 -2.28 0.00	26.86 -1.90 0.00	26.58 -2.16 0.00	27.04 -2.23 0.01	31.16 -1.97 -0.21	29.52 -1.68 -0.62	27.32 -1.96 -0.51	26.18 -1.87 -0.61	26.07 -2.06 -0.69	25.47 -2.32 -0.50	24.08 -1.75 -0.52
SITHE___INDEPEND 23800	26.97 -1.04 -0.52	26.66 -1.10 -0.29	26.46 -1.15 -0.17	26.48 -1.12 -0.19	26.56 -1.07 -0.13	29.77 -1.17 -0.16	35.19 -1.40 -0.59	36.90 -1.52 -0.45	34.62 -1.48 -0.02	30.42 -1.30 0.00	28.61 -1.29 0.00	27.86 -1.25 0.00	26.98 -1.21 0.00	27.22 -1.25 0.00	27.55 -1.21 0.00	27.50 -1.24 0.00	28.02 -1.26 0.00	31.79 -1.25 -0.12	29.76 -1.16 -0.34	27.92 -1.12 -0.28	26.67 -1.10 -0.33	26.71 -1.10 -0.37	26.36 -1.20 -0.27	24.53 -1.06 -0.29
SITHE___MASSENA 23902	27.03 -0.47 0.00	27.03 -0.44 0.00	27.08 -0.36 0.00	27.08 -0.33 0.00	27.05 -0.44 0.00	30.23 -0.55 0.00	35.47 -0.54 0.00	37.43 -0.53 0.00	35.58 -0.51 0.00	31.18 -0.54 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.28 -0.20 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	28.93 -0.35 0.00	32.33 -0.59 0.00	29.94 -0.64 0.00	28.22 -0.55 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.96 -0.33 0.00	24.97 -0.33 0.00

SITHE___OGDNSBRG 24021	27.22 -0.27 0.00	27.22 -0.25 0.00	27.33 -0.11 0.00	27.30 -0.11 0.00	27.27 -0.22 0.00	30.48 -0.31 0.00	35.79 -0.22 0.00	37.85 -0.11 0.00	35.97 -0.11 0.00	31.40 -0.32 0.00	29.87 -0.03 0.00	29.11 0.00 0.00	28.19 0.00 0.00	28.59 0.11 0.00	28.90 0.14 0.00	28.82 0.09 0.00	29.22 -0.06 0.00	32.63 -0.30 0.00	30.22 -0.37 0.00	28.48 -0.29 0.00	27.11 -0.33 0.00	27.14 -0.30 0.00	27.13 -0.16 0.00	25.15 -0.15 0.00
SITHE___STERLING 23777	28.83 0.91 -0.43	28.59 0.88 -0.24	28.41 0.82 -0.15	28.42 0.85 -0.16	28.57 0.96 -0.11	32.12 1.20 -0.13	37.94 1.44 -0.50	39.86 1.52 -0.38	37.47 1.37 -0.01	32.76 1.05 0.00	30.80 0.90 0.00	29.96 0.84 0.00	29.01 0.82 0.00	29.33 0.85 0.00	29.74 0.98 0.00	29.71 0.98 0.00	30.27 1.00 0.00	34.21 1.18 -0.10	31.90 1.04 -0.28	29.89 0.89 -0.23	28.54 0.82 -0.27	28.60 0.85 -0.31	28.12 0.60 -0.23	26.15 0.61 -0.24
SLEIGHT__34_KV_TB1 80719	27.65 -0.71 -0.87	27.10 -0.85 -0.49	26.77 -0.96 -0.29	26.82 -0.90 -0.32	26.98 -0.74 -0.22	30.31 -0.74 -0.27	36.03 -0.97 -0.99	37.55 -1.18 -0.76	34.88 -1.23 -0.03	30.67 -1.05 0.00	28.76 -1.14 0.00	28.00 -1.11 0.00	27.09 -1.10 0.00	27.19 -1.28 0.00	27.70 -1.06 0.00	27.56 -1.18 0.00	28.03 -1.23 0.02	32.13 -0.99 -0.19	30.32 -0.83 -0.57	28.29 -0.95 -0.47	27.09 -0.91 -0.55	27.10 -0.96 -0.62	26.52 -1.23 -0.46	24.80 -0.99 -0.48
SOUTH CAIRO___GT 23612	37.21 2.31 -7.41	33.87 2.25 -4.15	32.22 2.28 -2.50	32.49 2.36 -2.72	31.67 2.25 -1.92	35.76 2.68 -2.30	47.60 3.10 -8.50	47.20 2.73 -6.51	38.93 2.60 -0.25	33.90 2.19 0.00	31.39 1.49 0.00	30.59 1.48 0.00	29.63 1.44 0.00	29.98 1.51 0.00	30.31 1.55 0.00	30.52 1.78 0.00	31.21 1.93 0.00	36.59 2.01 -1.66	37.15 1.99 -4.59	34.41 1.64 -4.00	33.70 1.54 -4.72	34.31 1.54 -5.33	32.80 1.61 -3.90	31.15 1.74 -4.10
SOUTH HAMPTN___IC 23720	41.73 3.49 -10.75	38.79 3.41 -7.92	36.34 3.37 -5.53	36.73 3.32 -6.00	38.20 3.46 -7.24	43.18 3.85 -8.55	53.61 4.61 -12.99	62.10 5.12 -19.01	49.05 4.76 -8.20	41.66 4.15 -5.79	36.09 3.89 -2.30	32.78 3.67 0.00	31.60 3.41 0.00	32.01 3.53 0.00	38.40 3.77 -5.88	46.88 3.85 -14.29	54.62 3.95 -21.39	58.49 4.61 -20.95	62.57 4.16 -27.83	60.26 3.91 -27.58	57.91 3.70 -26.77	43.70 3.68 -12.59	38.77 3.49 -7.98	37.17 3.14 -8.73
SOUTHDOW_115KV_TB1 355954	27.61 -1.04 -1.16	26.93 -1.18 -0.65	26.46 -1.37 -0.39	26.47 -1.37 -0.43	26.75 -1.04 -0.30	29.94 -1.20 -0.36	35.50 -1.84 -1.33	36.70 -2.28 -1.02	33.81 -2.31 -0.04	30.86 -0.86 0.00	28.76 -1.14 0.00	27.71 -1.40 0.00	26.55 -1.63 0.00	26.25 -2.22 0.00	26.81 -1.96 0.00	26.44 -2.30 0.00	26.72 -2.55 0.01	30.25 -2.93 -0.26	28.52 -2.81 -0.76	26.26 -3.14 -0.63	25.24 -2.94 -0.74	25.06 -3.21 -0.83	24.35 -3.55 -0.61	23.31 -2.63 -0.64
SOUTHOLD_69_KV_BK 2 55809	42.03 3.79 -10.75	39.09 3.71 -7.92	36.65 3.68 -5.53	37.06 3.65 -6.00	38.53 3.79 -7.24	43.58 4.25 -8.55	54.11 5.11 -12.99	62.63 5.66 -19.01	49.55 5.27 -8.20	42.11 4.60 -5.79	36.45 4.25 -2.30	33.10 3.99 0.00	31.91 3.72 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.09 4.42 -21.40	59.05 5.17 -20.95	63.13 4.71 -27.84	60.72 4.37 -27.58	58.33 4.12 -26.77	44.11 4.09 -12.58	39.12 3.85 -7.98	37.47 3.44 -8.73
SOUTHOLD___IC 23719	42.04 3.80 -10.75	39.09 3.71 -7.92	36.67 3.70 -5.53	37.06 3.65 -6.00	38.53 3.80 -7.24	43.58 4.25 -8.55	54.11 5.11 -12.99	62.63 5.66 -19.01	49.55 5.27 -8.20	42.10 4.60 -5.79	36.44 4.24 -2.30	33.10 3.99 0.00	31.91 3.72 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.10 4.42 -21.40	59.12 5.24 -20.95	63.16 4.74 -27.84	60.75 4.40 -27.58	58.33 4.11 -26.77	44.09 4.06 -12.58	39.12 3.85 -7.98	37.47 3.44 -8.73
SOUTH_FORK_WT_PWR 323839	41.98 3.74 -10.75	39.04 3.65 -7.92	36.62 3.65 -5.53	37.00 3.59 -6.00	38.47 3.74 -7.24	43.51 4.19 -8.55	54.04 5.04 -12.99	62.56 5.58 -19.01	49.48 5.20 -8.20	42.08 4.57 -5.79	36.42 4.22 -2.30	33.07 3.96 0.00	31.88 3.69 0.00	32.35 3.87 0.00	38.81 4.17 -5.88	47.34 4.31 -14.29	55.12 4.45 -21.40	59.08 5.20 -20.95	63.16 4.74 -27.84	60.72 4.37 -27.58	58.27 4.06 -26.77	44.03 4.01 -12.58	39.06 3.79 -7.98	37.42 3.39 -8.73
SPIERFLS_115KV_TB 1 80737	36.67 1.13 -8.04	33.07 1.10 -4.50	31.25 1.10 -2.71	31.55 1.18 -2.96	30.71 1.13 -2.09	34.67 1.39 -2.50	46.86 1.62 -9.24	46.70 1.67 -7.07	37.97 1.62 -0.27	32.92 1.21 0.00	30.77 0.87 0.00	29.96 0.84 0.00	29.01 0.82 0.00	29.36 0.88 0.00	29.65 0.89 0.00	29.77 1.03 0.00	30.48 1.20 0.00	36.28 1.55 -1.80	37.85 1.47 -5.80	34.44 1.32 -4.35	33.83 1.26 -5.13	34.47 1.23 -5.79	32.59 1.06 -4.24	30.64 0.89 -4.45
ST LAWRENCE____ 23600	26.78 -0.72 0.00	26.78 -0.69 0.00	26.81 -0.63 0.00	26.81 -0.60 0.00	26.81 -0.69 0.00	29.98 -0.80 0.00	35.14 -0.86 0.00	37.09 -0.87 0.00	35.25 -0.83 0.00	30.93 -0.79 0.00	29.33 -0.57 0.00	28.59 -0.52 0.00	27.68 -0.51 0.00	28.02 -0.46 0.00	28.27 -0.49 0.00	28.22 -0.52 0.00	28.69 -0.59 0.00	32.07 -0.86 0.00	29.73 -0.86 0.00	28.02 -0.75 0.00	26.76 -0.68 0.00	26.76 -0.68 0.00	26.77 -0.52 0.00	24.80 -0.51 0.00
STATE_CA_115KV_115_LB 55624	36.95 1.57 -7.88	33.45 1.57 -4.41	31.69 1.59 -2.66	31.93 1.62 -2.90	31.16 1.62 -2.05	35.02 1.79 -2.45	47.04 1.98 -9.05	46.64 1.75 -6.93	38.11 1.77 -0.26	33.37 1.65 0.00	31.04 1.14 0.00	30.25 1.14 0.00	29.35 1.16 0.00	29.67 1.20 0.00	29.88 1.12 0.00	29.91 1.18 0.00	30.48 1.20 0.00	36.08 1.38 -1.77	36.58 1.25 -4.74	34.18 1.15 -4.26	33.59 1.13 -5.02	34.19 1.07 -5.68	32.73 1.28 -4.16	31.03 1.37 -4.36
STATE_ST_34_KV_LOAD 55959	28.37 -0.05 -0.93	27.85 -0.14 -0.52	27.56 -0.19 -0.31	27.59 -0.16 -0.34	27.71 -0.03 -0.24	31.13 0.06 -0.29	37.11 0.04 -1.07	38.75 -0.04 -0.82	35.97 -0.14 -0.03	31.62 -0.10 0.00	29.69 -0.21 0.00	28.91 -0.20 0.00	27.96 -0.23 0.00	28.16 -0.31 0.00	28.59 -0.17 0.00	28.51 -0.23 0.00	29.07 -0.23 -0.03	33.10 -0.03 -0.21	31.22 0.03 -0.61	29.21 -0.06 -0.50	27.98 -0.05 -0.59	28.03 -0.08 -0.67	27.45 -0.33 -0.49	25.57 -0.25 -0.52
STATION 5_MISC_HYD 23604	27.46 -0.91 -0.87	26.91 -1.04 -0.49	26.66 -1.07 -0.29	26.58 -1.15 -0.32	26.76 -0.96 -0.23	30.04 -1.02 -0.27	35.57 -1.44 -1.00	36.95 -1.78 -0.77	34.42 -1.70 -0.03	30.35 -1.36 0.00	28.44 -1.46 0.00	27.60 -1.52 0.00	26.72 -1.47 0.00	26.71 -1.77 0.00	27.26 -1.50 0.00	27.07 -1.67 0.00	27.53 -1.73 0.02	31.74 -1.38 -0.20	29.99 -1.16 -0.57	27.89 -1.35 -0.47	26.71 -1.29 -0.56	26.64 -1.43 -0.63	26.11 -1.64 -0.46	24.52 -1.26 -0.48
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.00 -0.38 -0.89	27.44 -0.52 -0.50	27.11 -0.63 -0.30	27.16 -0.58 -0.33	27.31 -0.41 -0.23	30.72 -0.34 -0.28	36.48 -0.54 -1.02	38.06 -0.68 -0.78	35.32 -0.79 -0.03	31.15 -0.57 0.00	29.18 -0.72 0.00	28.38 -0.73 0.00	27.46 -0.73 0.00	27.54 -0.94 0.00	28.04 -0.72 0.00	27.90 -0.83 0.00	28.35 -0.88 0.05	32.53 -0.59 -0.20	30.73 -0.43 -0.58	28.64 -0.60 -0.48	27.43 -0.58 -0.57	27.42 -0.66 -0.64	26.83 -0.93 -0.47	25.06 -0.73 -0.49

STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.35 -1.02 -0.87	26.80 -1.15 -0.49	26.44 -1.29 -0.29	26.50 -1.23 -0.32	26.65 -1.07 -0.23	29.95 -1.11 -0.27	35.49 -1.51 -1.00	36.94 -1.78 -0.76	34.34 -1.77 -0.03	30.26 -1.46 0.00	28.37 -1.52 0.00	27.60 -1.51 0.00	26.67 -1.52 0.00	26.71 -1.77 0.00	27.24 -1.52 0.00	27.04 -1.70 0.00	27.53 -1.73 0.02	31.67 -1.45 -0.19	29.93 -1.22 -0.57	27.86 -1.38 -0.47	26.65 -1.34 -0.55	26.61 -1.45 -0.63	26.08 -1.66 -0.46	24.44 -1.34 -0.48
STA_56____34_KV_BUS2 355983	27.35 -1.02 -0.87	26.80 -1.15 -0.49	26.44 -1.29 -0.29	26.50 -1.23 -0.32	26.65 -1.07 -0.23	29.95 -1.11 -0.27	35.49 -1.51 -1.00	36.94 -1.78 -0.76	34.34 -1.77 -0.03	30.26 -1.46 0.00	28.37 -1.52 0.00	27.60 -1.51 0.00	26.67 -1.52 0.00	26.71 -1.77 0.00	27.24 -1.52 0.00	27.04 -1.70 0.00	27.53 -1.73 0.02	31.67 -1.45 -0.19	29.93 -1.22 -0.57	27.86 -1.38 -0.47	26.65 -1.34 -0.55	26.61 -1.45 -0.63	26.08 -1.66 -0.46	24.44 -1.34 -0.48
STA_67____115KV_BK2 355882	27.40 -0.96 -0.87	26.86 -1.10 -0.49	26.47 -1.26 -0.29	26.55 -1.18 -0.32	26.70 -1.02 -0.23	29.98 -1.08 -0.27	35.49 -1.51 -1.00	36.91 -1.82 -0.77	34.31 -1.80 -0.03	30.26 -1.46 0.00	28.37 -1.52 0.00	27.60 -1.51 0.00	26.67 -1.52 0.00	26.68 -1.79 0.00	27.21 -1.55 0.00	27.01 -1.72 0.00	27.47 -1.79 0.02	31.67 -1.45 -0.20	29.90 -1.25 -0.57	27.83 -1.41 -0.47	26.65 -1.34 -0.56	26.59 -1.48 -0.63	26.08 -1.66 -0.46	24.47 -1.32 -0.48
STA_7____115KV_9TRANS 80674	27.57 -0.80 -0.87	27.02 -0.93 -0.49	26.64 -1.10 -0.29	26.69 -1.04 -0.32	26.84 -0.88 -0.23	30.16 -0.89 -0.27	35.75 -1.26 -1.00	37.17 -1.56 -0.77	34.56 -1.55 -0.03	30.48 -1.24 0.00	28.58 -1.32 0.00	27.80 -1.31 0.00	26.86 -1.32 0.00	26.88 -1.59 0.00	27.41 -1.35 0.00	27.21 -1.52 0.00	27.71 -1.55 0.02	31.90 -1.22 -0.20	30.14 -1.01 -0.57	28.03 -1.21 -0.47	26.84 -1.15 -0.56	26.78 -1.29 -0.63	26.25 -1.50 -0.46	24.62 -1.16 -0.48
STA_82____115KV_TB1 80780	27.44 -0.93 -0.88	26.89 -1.07 -0.49	26.50 -1.23 -0.30	26.55 -1.18 -0.32	26.73 -0.99 -0.23	30.01 -1.05 -0.27	35.53 -1.48 -1.01	36.95 -1.78 -0.77	34.34 -1.77 -0.03	30.29 -1.43 0.00	28.40 -1.49 0.00	27.60 -1.51 0.00	26.70 -1.49 0.00	26.68 -1.79 0.00	27.21 -1.55 0.00	27.04 -1.70 0.00	27.50 -1.76 0.02	31.67 -1.45 -0.20	29.93 -1.22 -0.57	27.86 -1.38 -0.47	26.68 -1.32 -0.56	26.62 -1.45 -0.63	26.09 -1.66 -0.46	24.50 -1.29 -0.49
STEEL____WIND 323596	26.71 -1.84 -1.06	26.08 -1.98 -0.59	25.77 -2.03 -0.36	25.66 -2.14 -0.39	25.87 -1.90 -0.28	28.93 -2.18 -0.33	34.13 -3.10 -1.22	35.18 -3.72 -0.93	32.62 -3.50 -0.04	29.69 -2.03 0.00	27.72 -2.18 0.00	26.84 -2.27 0.00	25.91 -2.28 0.00	25.69 -2.79 0.00	26.23 -2.53 0.00	25.92 -2.82 0.00	26.22 -3.05 0.01	29.94 -3.23 -0.24	28.34 -2.94 -0.69	26.23 -3.11 -0.57	25.18 -2.94 -0.68	25.05 -3.15 -0.76	24.49 -3.36 -0.56	23.31 -2.58 -0.59
STEPHTWN_115KV_BK_2 55603	37.08 1.79 -7.80	33.62 1.79 -4.37	31.86 1.78 -2.63	32.11 1.84 -2.87	31.33 1.81 -2.02	35.27 2.06 -2.42	47.30 2.34 -8.95	46.94 2.13 -6.85	38.47 2.13 -0.26	33.68 1.97 0.00	31.31 1.41 0.00	30.51 1.40 0.00	29.57 1.38 0.00	29.90 1.42 0.00	30.11 1.35 0.00	30.17 1.44 0.00	30.77 1.49 0.00	36.42 1.75 -1.75	36.75 1.56 -4.61	34.42 1.44 -4.22	33.81 1.40 -4.97	34.40 1.34 -5.62	32.93 1.53 -4.11	31.19 1.57 -4.32
STEUBEN_REC_LFGE 323667	29.73 0.66 -1.57	28.95 0.60 -0.88	28.49 0.52 -0.53	28.59 0.60 -0.58	28.78 0.88 -0.41	32.35 1.08 -0.49	38.96 1.15 -1.81	40.45 1.10 -1.38	37.00 0.87 -0.05	32.95 1.24 0.00	30.83 0.93 0.00	29.87 0.76 0.00	28.75 0.56 0.00	28.73 0.26 0.00	29.22 0.46 0.00	28.97 0.23 0.00	29.40 0.09 -0.03	33.44 0.16 -0.35	31.79 0.18 -1.03	29.50 -0.12 -0.85	28.36 -0.08 -1.00	28.38 -0.19 -1.13	27.44 -0.68 -0.83	25.67 -0.51 -0.87
STILLWATER____SOLAR 323814	37.23 1.76 -7.98	33.67 1.73 -4.47	31.86 1.73 -2.69	32.12 1.78 -2.93	31.33 1.76 -2.07	35.29 2.03 -2.48	47.50 2.34 -9.16	47.33 2.35 -7.01	38.62 2.27 -0.27	33.65 1.94 0.00	31.45 1.55 0.00	30.65 1.54 0.00	29.65 1.46 0.00	30.01 1.54 0.00	30.28 1.52 0.00	30.37 1.64 0.00	31.06 1.79 0.00	36.85 2.14 -1.79	38.60 2.02 -6.00	34.92 1.84 -4.31	34.28 1.76 -5.08	34.92 1.73 -5.75	33.13 1.64 -4.21	31.21 1.49 -4.42
STONY____BROOK 24151	41.35 3.11 -10.75	38.38 2.99 -7.92	35.93 2.96 -5.53	36.32 2.90 -6.00	37.76 3.02 -7.24	42.71 3.39 -8.55	53.06 4.07 -12.99	63.74 4.59 -21.19	48.51 4.22 -8.20	41.18 3.68 -5.79	35.70 3.50 -2.30	32.43 3.32 0.00	31.29 3.10 0.00	31.61 3.13 0.00	37.97 3.33 -5.88	47.66 3.42 -15.51	56.16 3.54 -23.34	59.97 4.02 -23.03	65.62 3.82 -31.21	62.68 3.57 -30.35	60.12 3.35 -29.34	43.20 3.18 -12.58	38.38 3.11 -7.98	36.79 2.76 -8.73
STURGEON_POOL_HYD 23609	35.74 1.70 -6.54	32.75 1.62 -3.66	31.21 1.56 -2.21	31.35 1.53 -2.41	30.79 1.59 -1.70	34.60 1.79 -2.03	45.68 2.16 -7.52	46.26 2.54 -5.75	38.83 2.53 -0.22	33.94 2.22 0.00	32.02 2.12 0.00	31.12 2.01 0.00	30.11 1.92 0.00	30.41 1.94 0.00	30.69 1.93 0.00	30.72 1.98 0.00	31.33 2.05 0.00	36.67 2.27 -1.47	37.09 2.23 -4.28	34.26 1.96 -3.54	33.45 1.84 -4.17	34.02 1.87 -4.71	32.38 1.64 -3.45	30.32 1.39 -3.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.03 1.62 -5.91	32.34 1.57 -3.31	30.97 1.54 -2.00	31.09 1.51 -2.17	30.60 1.57 -1.53	34.34 1.72 -1.84	44.85 2.05 -6.79	45.47 2.32 -5.20	38.52 2.24 -0.20	33.68 1.97 0.00	31.72 1.82 0.00	30.86 1.75 0.00	29.88 1.69 0.00	30.18 1.71 0.00	30.43 1.67 0.00	30.46 1.72 0.00	31.06 1.79 0.00	36.39 2.14 -1.33	36.47 2.02 -3.87	33.81 1.84 -3.20	32.94 1.73 -3.77	33.43 1.73 -4.26	31.99 1.58 -3.12	29.97 1.39 -3.27
SWANROAD_115KV_TB1 355699	26.08 -2.42 -1.00	25.47 -2.55 -0.56	24.98 -2.80 -0.34	25.07 -2.71 -0.37	25.25 -2.50 -0.26	28.23 -2.86 -0.31	33.23 -3.92 -1.15	34.21 -4.63 -0.88	31.75 -4.37 -0.03	28.48 -3.24 0.00	26.64 -3.26 0.00	25.91 -3.20 0.00	24.95 -3.24 0.00	24.77 -3.70 0.00	25.31 -3.45 0.00	25.03 -3.71 0.00	25.40 -3.86 0.01	29.30 -3.85 -0.22	27.78 -3.46 -0.65	25.74 -3.57 -0.54	24.73 -3.35 -0.64	24.59 -3.57 -0.72	24.11 -3.71 -0.53	22.95 -2.91 -0.55
SYNERGY____BIOGAS 323694	27.29 -1.15 -0.95	26.68 -1.32 -0.53	26.39 -1.37 -0.32	26.28 -1.48 -0.35	26.50 -1.24 -0.25	29.79 -1.29 -0.30	35.19 -1.91 -1.09	36.37 -2.43 -0.84	33.80 -2.31 -0.03	30.13 -1.58 0.00	28.14 -1.76 0.00	27.25 -1.86 0.00	26.36 -1.83 0.00	26.20 -2.28 0.00	26.86 -1.90 0.00	26.58 -2.16 0.00	27.04 -2.23 0.01	31.16 -1.97 -0.21	29.52 -1.68 -0.62	27.32 -1.96 -0.51	26.18 -1.87 -0.61	26.07 -2.06 -0.69	25.47 -2.32 -0.50	24.08 -1.75 -0.52
SYRACUSE____ENERGY_ST1 323597	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43

SYRACUSE___ENERGY_ST2 323598	27.96 -0.30 -0.77	27.54 -0.36 -0.43	27.29 -0.41 -0.26	27.31 -0.38 -0.28	27.39 -0.30 -0.20	30.75 -0.28 -0.24	36.53 -0.36 -0.89	38.22 -0.42 -0.68	35.60 -0.51 -0.03	31.31 -0.41 0.00	29.39 -0.51 0.00	28.65 -0.47 0.00	27.74 -0.45 0.00	27.96 -0.51 0.00	28.36 -0.40 0.00	28.28 -0.46 0.00	28.82 -0.47 -0.01	32.74 -0.36 -0.17	30.78 -0.31 -0.50	28.87 -0.32 -0.42	27.63 -0.30 -0.49	27.69 -0.30 -0.56	27.23 -0.46 -0.41	25.33 -0.40 -0.43
SYRACUSE___POWER 24017	27.94 -0.36 -0.80	27.50 -0.41 -0.45	27.24 -0.47 -0.27	27.27 -0.44 -0.29	27.34 -0.36 -0.21	30.69 -0.34 -0.25	36.49 -0.43 -0.92	38.17 -0.49 -0.70	35.57 -0.54 -0.03	31.27 -0.44 0.00	29.36 -0.54 0.00	28.62 -0.49 0.00	27.71 -0.48 0.00	27.93 -0.54 0.00	28.30 -0.46 0.00	28.25 -0.49 0.00	28.79 -0.50 -0.01	32.71 -0.40 -0.18	30.77 -0.34 -0.52	28.85 -0.35 -0.43	27.65 -0.30 -0.51	27.71 -0.30 -0.58	27.22 -0.49 -0.42	25.32 -0.43 -0.44
TALLMAN__138KV_BK151 55660	35.44 1.81 -6.13	32.66 1.76 -3.43	31.21 1.70 -2.07	31.36 1.70 -2.25	30.84 1.76 -1.59	34.63 1.94 -1.91	45.35 2.30 -7.04	45.97 2.62 -5.39	38.81 2.53 -0.20	33.97 2.25 0.00	32.02 2.12 0.00	31.15 2.04 0.00	30.16 1.97 0.00	30.47 1.99 0.00	30.72 1.96 0.00	30.72 1.98 0.00	31.36 2.08 0.00	36.77 2.47 -1.37	36.88 2.29 -4.01	34.21 2.13 -3.32	33.32 1.98 -3.91	33.86 2.00 -4.42	32.38 1.86 -3.23	30.34 1.64 -3.39
TEALLAVE_115KV_TB7 355573	27.66 -0.52 -0.69	27.25 -0.60 -0.38	27.01 -0.66 -0.23	27.03 -0.63 -0.25	27.15 -0.52 -0.18	30.44 -0.55 -0.21	36.11 -0.68 -0.79	37.81 -0.76 -0.60	35.31 -0.79 -0.02	31.05 -0.67 0.00	29.15 -0.75 0.00	28.41 -0.70 0.00	27.51 -0.68 0.00	27.73 -0.74 0.00	28.10 -0.66 0.00	28.05 -0.69 0.00	28.55 -0.73 0.00	32.45 -0.63 -0.15	30.48 -0.55 -0.45	28.59 -0.55 -0.37	27.38 -0.49 -0.44	27.44 -0.49 -0.49	26.97 -0.68 -0.36	25.10 -0.58 -0.38
TELGRAPH_34_KV_EAST 80808	26.81 -1.65 -0.97	26.20 -1.81 -0.54	25.74 -2.03 -0.33	25.79 -1.97 -0.36	26.01 -1.73 -0.25	29.14 -1.94 -0.30	34.42 -2.70 -1.11	35.55 -3.26 -0.85	32.98 -3.14 -0.03	29.50 -2.22 0.00	27.57 -2.33 0.00	26.78 -2.37 0.00	25.82 -2.82 0.00	25.66 -2.76 0.00	26.26 -2.50 0.00	25.98 -2.76 0.00	26.36 -2.90 0.01	30.41 -2.73 -0.22	28.80 -2.42 -0.63	26.67 -2.62 -0.52	25.56 -2.50 -0.62	25.45 -2.69 -0.70	24.88 -2.92 -0.51	23.58 -2.25 -0.53
TEMPLE___115KV_TB 2 55572	27.67 -0.52 -0.69	27.28 -0.58 -0.39	27.04 -0.63 -0.23	27.06 -0.60 -0.26	27.15 -0.52 -0.18	30.48 -0.52 -0.22	36.15 -0.65 -0.80	37.85 -0.72 -0.61	35.35 -0.76 -0.02	31.08 -0.63 0.00	29.18 -0.72 0.00	28.44 -0.67 0.00	27.51 -0.68 0.00	27.73 -0.74 0.00	28.13 -0.63 0.00	28.05 -0.69 0.00	28.57 -0.70 0.00	32.49 -0.59 -0.16	30.49 -0.55 -0.45	28.63 -0.52 -0.38	27.42 -0.47 -0.44	27.47 -0.47 -0.50	27.00 -0.65 -0.37	25.13 -0.56 -0.38
TIANA____69_KV_BK 1 55817	41.68 3.44 -10.75	38.71 3.32 -7.92	36.26 3.29 -5.53	36.67 3.26 -6.00	38.12 3.38 -7.24	43.11 3.79 -8.55	53.53 4.54 -12.99	61.99 5.01 -19.01	48.98 4.69 -8.20	41.60 4.09 -5.79	36.00 3.80 -2.30	32.69 3.58 0.00	31.54 3.35 0.00	31.95 3.47 0.00	38.32 3.68 -5.88	46.79 3.76 -14.29	54.54 3.86 -21.40	58.32 4.44 -20.95	62.46 4.04 -27.84	60.12 3.77 -27.58	57.83 3.62 -26.77	43.65 3.62 -12.58	38.71 3.44 -7.98	37.09 3.06 -8.73
TILDEN__115KV_TB1 80814	27.94 -0.36 -0.80	27.50 -0.41 -0.45	27.24 -0.47 -0.27	27.27 -0.44 -0.29	27.34 -0.36 -0.21	30.69 -0.34 -0.25	36.49 -0.43 -0.92	38.17 -0.49 -0.70	35.57 -0.54 -0.03	31.27 -0.44 0.00	29.36 -0.54 0.00	28.62 -0.49 0.00	27.71 -0.48 0.00	27.93 -0.54 0.00	28.30 -0.46 0.00	28.25 -0.49 0.00	28.79 -0.50 -0.01	32.71 -0.40 -0.18	30.77 -0.34 -0.52	28.85 -0.35 -0.43	27.65 -0.30 -0.51	27.71 -0.30 -0.58	27.22 -0.49 -0.42	25.32 -0.43 -0.44
TRIGEN___CC 323695	40.80 2.56 -10.75	37.89 2.50 -7.92	35.41 2.44 -5.53	35.82 2.41 -6.00	37.21 2.47 -7.24	42.07 2.74 -8.55	52.24 3.24 -12.99	54.37 3.68 -12.72	47.82 3.54 -8.20	40.68 3.17 -5.79	35.13 2.93 -2.30	31.93 2.82 0.00	30.87 2.68 0.00	31.24 2.76 0.00	37.40 2.76 -5.88	42.30 2.79 -10.78	46.78 2.84 -14.67	51.20 3.33 -14.95	51.78 3.12 -18.07	51.22 2.88 -19.57	49.50 2.72 -19.34	42.20 2.69 -12.07	37.81 2.54 -7.98	36.31 2.28 -8.73
TRINITY__115KV__ 4 BK 55933	36.80 1.48 -7.82	33.33 1.48 -4.38	31.59 1.51 -2.64	31.82 1.53 -2.87	31.06 1.54 -2.03	34.90 1.69 -2.43	46.85 1.87 -8.98	46.43 1.59 -6.87	38.00 1.66 -0.26	33.27 1.55 0.00	30.95 1.05 0.00	30.16 1.05 0.00	29.26 1.07 0.00	29.61 1.14 0.00	29.80 1.04 0.00	29.83 1.09 0.00	30.39 1.11 0.00	35.96 1.28 -1.75	36.34 1.13 -4.63	34.06 1.06 -4.23	33.46 1.04 -4.98	34.06 0.99 -5.63	32.64 1.23 -4.12	30.92 1.29 -4.33
UNION___PROCESSING_DRP 323587	27.44 -0.93 -0.88	26.89 -1.07 -0.49	26.50 -1.23 -0.30	26.58 -1.15 -0.32	26.73 -0.99 -0.23	30.01 -1.05 -0.27	35.54 -1.48 -1.01	36.95 -1.78 -0.77	34.34 -1.77 -0.03	30.29 -1.43 0.00	28.40 -1.49 0.00	27.63 -1.48 0.00	26.70 -1.49 0.00	26.71 -1.77 0.00	27.24 -1.52 0.00	27.04 -1.70 0.00	27.50 -1.76 0.02	31.71 -1.42 -0.20	29.96 -1.19 -0.57	27.86 -1.38 -0.47	26.68 -1.32 -0.56	26.64 -1.43 -0.63	26.11 -1.64 -0.46	24.50 -1.29 -0.49
UPPER HUDSON___HYD 24058	36.67 1.13 -8.04	33.07 1.10 -4.50	31.25 1.10 -2.71	31.55 1.18 -2.96	30.71 1.13 -2.09	34.67 1.39 -2.50	46.86 1.62 -9.24	46.66 1.63 -7.07	37.98 1.63 -0.27	32.92 1.20 0.00	30.80 0.90 0.00	29.98 0.87 0.00	29.01 0.82 0.00	29.36 0.88 0.00	29.65 0.89 0.00	29.77 1.03 0.00	30.48 1.20 0.00	36.28 1.55 -1.80	37.85 1.47 -5.80	34.44 1.32 -4.35	33.83 1.26 -5.13	34.47 1.24 -5.79	32.59 1.06 -4.24	30.64 0.89 -4.45
UPPER RAQUET___HYD 24056	26.72 -0.88 -0.11	26.67 -0.85 -0.06	26.71 -0.77 -0.04	26.74 -0.71 -0.04	26.67 -0.85 -0.03	29.71 -1.11 -0.03	34.97 -1.15 -0.12	36.95 -1.10 -0.09	35.00 -1.08 0.00	30.61 -1.11 0.00	29.18 -0.72 0.00	28.53 -0.58 0.00	27.63 -0.56 0.00	28.02 -0.46 0.00	28.27 -0.49 0.00	28.16 -0.57 0.00	28.49 -0.79 0.00	31.83 -1.12 -0.02	29.46 -1.19 -0.07	27.73 -1.09 -0.06	26.44 -1.07 -0.07	26.45 -1.07 -0.08	26.53 -0.82 -0.06	24.65 -0.71 -0.06
VALLEY44_115KV_TB2 355964	26.60 -2.09 -1.19	25.91 -2.22 -0.67	25.46 -2.39 -0.40	25.46 -2.38 -0.44	25.71 -2.09 -0.31	28.72 -2.43 -0.37	34.10 -3.28 -1.37	35.18 -3.83 -1.05	32.55 -3.57 -0.04	30.35 -1.36 0.00	28.49 -1.41 0.00	27.66 -1.46 0.00	26.61 -1.58 0.00	26.42 -2.05 0.00	26.89 -1.87 0.00	26.58 -2.16 0.00	26.78 -2.49 0.00	29.83 -3.36 -0.27	28.27 -3.09 -0.78	26.19 -3.22 -0.65	25.13 -3.07 -0.76	25.01 -3.29 -0.86	24.40 -3.52 -0.63	23.18 -2.78 -0.66
VALLEY___115KV_TB 1-4 80826	28.07 0.58 0.00	28.10 0.63 0.00	28.10 0.66 0.00	28.15 0.74 0.00	28.35 0.85 0.00	31.80 1.02 0.00	37.16 1.15 0.00	39.22 1.25 0.00	37.35 1.26 0.00	32.80 1.08 0.00	30.92 1.02 0.00	30.10 0.99 0.00	29.15 0.96 0.00	29.44 0.97 0.00	29.74 0.98 0.00	29.63 0.89 0.00	30.01 0.73 0.00	33.58 0.66 0.00	31.13 0.55 0.00	29.26 0.49 0.00	27.91 0.47 0.00	27.99 0.55 0.00	27.84 0.55 0.00	25.81 0.51 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.39 2.06 -2.83	31.06 2.01 -1.59	30.32 1.92 -0.96	30.43 1.97 -1.04	30.35 2.12 -0.74	34.10 2.43 -0.88	42.14 2.88 -3.25	43.95 3.49 -2.49	39.57 3.39 -0.09	34.51 2.79 0.00	32.50 2.60 0.00	31.61 2.50 0.00	30.64 2.45 0.00	30.95 2.48 0.00	31.38 2.62 0.00	31.29 2.56 0.00	31.57 2.28 -0.01	36.19 2.63 -0.64	34.94 2.51 -1.85	32.54 2.24 -1.53	31.33 2.09 -1.81	31.59 2.11 -2.04	30.56 1.77 -1.49	28.57 1.70 -1.57
VISCHER___FERRY HYD 24020	37.12 1.81 -7.81	33.68 1.84 -4.37	31.91 1.84 -2.64	32.12 1.84 -2.87	31.39 1.87 -2.03	35.33 2.12 -2.43	47.39 2.41 -8.97	47.18 2.35 -6.86	38.65 2.31 -0.26	33.78 2.06 0.00	31.57 1.67 0.00	30.74 1.63 0.00	29.80 1.61 0.00	30.15 1.68 0.00	30.34 1.58 0.00	30.40 1.67 0.00	31.06 1.79 0.00	36.79 2.11 -1.75	39.14 1.96 -6.60	34.83 1.84 -4.22	34.15 1.73 -4.98	34.77 1.70 -5.63	33.13 1.72 -4.12	31.25 1.62 -4.32
V_A_10_SYNC_DSASP 323832	26.78 -1.65 -0.93	26.23 -1.76 -0.52	25.97 -1.78 -0.31	25.86 -1.89 -0.34	26.06 -1.68 -0.24	29.13 -1.94 -0.29	34.37 -2.70 -1.07	35.44 -3.34 -0.82	33.01 -3.10 -0.03	29.24 -2.47 0.00	27.36 -2.54 0.00	26.58 -2.53 0.00	25.68 -2.51 0.00	25.57 -2.90 0.00	26.12 -2.65 0.00	25.89 -2.85 0.00	26.31 -2.96 0.01	30.50 -2.64 -0.21	28.84 -2.35 -0.61	26.83 -2.45 -0.50	25.70 -2.33 -0.59	25.61 -2.50 -0.67	25.13 -2.65 -0.49	23.77 -2.05 -0.52
V_CMM_10_SYNC_DSASP 323787	26.89 -0.61 0.00	26.92 -0.55 0.00	26.95 -0.49 0.00	26.94 -0.47 0.00	26.92 -0.58 0.00	30.11 -0.68 0.00	35.29 -0.72 0.00	37.24 -0.72 0.00	35.40 -0.69 0.00	31.05 -0.67 0.00	29.45 -0.45 0.00	28.70 -0.41 0.00	27.79 -0.39 0.00	28.13 -0.34 0.00	28.36 -0.40 0.00	28.33 -0.40 0.00	28.81 -0.47 0.00	32.20 -0.72 0.00	29.85 -0.73 0.00	28.13 -0.63 0.00	26.86 -0.58 0.00	26.86 -0.58 0.00	26.88 -0.41 0.00	24.90 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	27.17 -0.33 0.00	27.22 -0.25 0.00	27.41 -0.03 0.00	27.49 0.08 0.00	27.55 0.06 0.00	30.88 0.09 0.00	36.29 0.29 0.00	38.30 0.34 0.00	36.48 0.40 0.00	32.13 0.41 0.00	30.50 0.60 0.00	29.72 0.61 0.00	28.75 0.56 0.00	29.13 0.66 0.00	29.37 0.60 0.00	29.31 0.57 0.00	29.77 0.50 0.00	33.16 0.23 0.00	30.58 0.00 0.00	28.71 -0.06 0.00	27.36 -0.08 0.00	27.33 -0.11 0.00	27.37 0.08 0.00	25.40 0.10 0.00
V_D_10_SYNC_DSASP 323841	27.03 -0.47 0.00	27.03 -0.44 0.00	27.08 -0.36 0.00	27.08 -0.33 0.00	27.05 -0.44 0.00	30.23 -0.55 0.00	35.47 -0.54 0.00	37.43 -0.53 0.00	35.58 -0.51 0.00	31.18 -0.54 0.00	29.60 -0.30 0.00	28.85 -0.26 0.00	27.91 -0.28 0.00	28.28 -0.20 0.00	28.53 -0.23 0.00	28.48 -0.26 0.00	28.93 -0.35 0.00	32.33 -0.59 0.00	29.97 -0.61 0.00	28.22 -0.55 0.00	26.92 -0.52 0.00	26.92 -0.52 0.00	26.96 -0.33 0.00	25.00 -0.30 0.00
V_E_10_SYNC_DSASP 323830	32.33 2.75 -2.08	31.35 2.72 -1.17	30.80 2.66 -0.70	30.94 2.77 -0.77	31.17 3.13 -0.54	35.19 3.75 -0.65	42.94 4.54 -2.39	44.62 4.82 -1.83	40.52 4.36 -0.07	35.18 3.46 0.00	32.95 3.05 0.00	32.17 3.06 0.00	31.18 2.99 0.00	31.44 2.96 0.00	32.01 3.25 0.00	31.93 3.19 0.00	32.51 3.22 -0.01	37.05 3.65 -0.47	35.37 3.42 -1.36	32.80 2.90 -1.13	31.49 2.72 -1.33	31.69 2.74 -1.50	30.44 2.05 -1.10	28.43 1.97 -1.15
V_F_30_NSYNC___DSASP 323816	37.26 1.76 -8.01	33.68 1.73 -4.48	31.87 1.73 -2.70	32.14 1.78 -2.94	31.30 1.73 -2.08	35.30 2.03 -2.49	47.54 2.34 -9.19	47.35 2.35 -7.04	38.66 2.31 -0.27	33.65 1.94 0.00	31.48 1.58 0.00	30.65 1.54 0.00	29.68 1.49 0.00	30.01 1.54 0.00	30.28 1.52 0.00	30.37 1.64 0.00	31.06 1.79 0.00	36.86 2.14 -1.80	38.51 2.02 -5.91	34.94 1.84 -4.33	34.30 1.76 -5.10	34.94 1.73 -5.77	33.15 1.64 -4.22	31.23 1.49 -4.43
V_F_30_SYNC_DSASP 323786	36.94 1.57 -7.88	33.44 1.57 -4.41	31.69 1.59 -2.66	31.92 1.62 -2.90	31.13 1.59 -2.04	35.02 1.79 -2.45	47.03 1.98 -9.05	46.63 1.75 -6.92	38.11 1.77 -0.26	33.37 1.65 0.00	31.04 1.14 0.00	30.25 1.14 0.00	29.35 1.16 0.00	29.67 1.20 0.00	29.88 1.12 0.00	29.91 1.18 0.00	30.48 1.20 0.00	36.08 1.38 -1.77	36.57 1.25 -4.73	34.18 1.15 -4.26	33.59 1.13 -5.02	34.19 1.07 -5.68	32.73 1.28 -4.15	31.00 1.34 -4.36
V_XM_10_SYNC_DSASP 323789	27.17 -0.33 0.00	27.22 -0.25 0.00	27.41 -0.03 0.00	27.49 0.08 0.00	27.55 0.06 0.00	30.88 0.09 0.00	36.29 0.29 0.00	38.30 0.34 0.00	36.48 0.40 0.00	32.13 0.41 0.00	30.50 0.60 0.00	29.72 0.61 0.00	28.75 0.56 0.00	29.13 0.66 0.00	29.37 0.60 0.00	29.31 0.57 0.00	29.77 0.50 0.00	33.16 0.23 0.00	30.58 0.00 0.00	28.71 -0.06 0.00	27.36 -0.08 0.00	27.33 -0.11 0.00	27.37 0.08 0.00	25.40 0.10 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.82 2.03 -6.29	32.97 1.98 -3.52	31.48 1.92 -2.12	31.61 1.89 -2.31	31.11 1.98 -1.63	34.89 2.15 -1.95	45.82 2.59 -7.22	46.45 2.96 -5.53	39.14 2.85 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.39 2.20 0.00	30.70 2.22 0.00	30.98 2.21 0.00	30.98 2.24 0.00	31.59 2.31 0.00	37.04 2.70 -1.41	37.23 2.54 -4.11	34.50 2.33 -3.40	33.64 2.20 -4.01	34.19 2.22 -4.53	32.71 2.10 -3.32	30.63 1.85 -3.48
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.42 2.47 -6.45	33.47 2.39 -3.61	31.95 2.33 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.58 3.17 -7.41	48.96 3.68 -7.32	50.65 3.57 -11.00	47.79 3.17 -12.90	37.72 2.96 -4.86	35.38 2.85 -3.42	35.52 2.76 -4.57	35.45 2.79 -4.18	35.42 2.76 -3.90	35.30 2.82 -3.75	44.31 2.87 -12.17	48.09 3.36 -11.80	44.15 3.12 -10.45	43.47 2.88 -11.82	37.03 2.69 -6.90	34.79 2.69 -4.66	33.22 2.51 -3.42	31.05 2.18 -3.57
W50THST__13_KV_LOAD 356117	36.45 2.50 -6.45	33.50 2.42 -3.61	31.95 2.33 -2.18	32.06 2.28 -2.37	31.56 2.39 -1.67	35.41 2.62 -2.01	46.62 3.20 -7.41	49.00 3.72 -7.32	50.69 3.61 -11.00	47.82 3.20 -12.90	37.75 2.99 -4.86	35.41 2.88 -3.41	35.55 2.79 -4.57	35.48 2.82 -4.18	35.48 2.82 -3.90	35.33 2.84 -3.75	44.34 2.90 -12.17	48.12 3.39 -11.80	44.15 3.12 -10.45	43.50 2.91 -11.82	37.06 2.72 -6.90	34.82 2.72 -4.66	33.25 2.54 -3.42	31.08 2.20 -3.57
WADING RIVER_IC_1 23522	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	61.60 4.63 -19.01	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.49 3.38 0.00	31.35 3.16 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.53 3.50 -14.29	54.21 3.54 -21.39	57.99 4.12 -20.95	62.08 3.67 -27.83	59.82 3.48 -27.57	57.55 3.35 -26.76	43.37 3.35 -12.59	38.49 3.22 -7.98	36.89 2.86 -8.73
WADING RIVER_IC_2 23547	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	61.60 4.63 -19.01	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.49 3.38 0.00	31.35 3.16 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.53 3.50 -14.29	54.21 3.54 -21.39	57.99 4.12 -20.95	62.08 3.67 -27.83	59.82 3.48 -27.57	57.55 3.35 -26.76	43.37 3.35 -12.59	38.49 3.22 -7.98	36.89 2.86 -8.73

WADING RIVER_IC_3 23601	41.43 3.19 -10.75	38.49 3.10 -7.92	36.04 3.07 -5.53	36.43 3.02 -6.00	37.87 3.13 -7.24	42.84 3.51 -8.55	53.17 4.17 -12.99	61.60 4.63 -19.01	48.61 4.33 -8.20	41.31 3.80 -5.79	35.76 3.56 -2.30	32.49 3.38 0.00	31.35 3.16 0.00	31.72 3.24 0.00	38.06 3.42 -5.88	46.53 3.50 -14.29	54.21 3.54 -21.39	57.99 4.12 -20.95	62.08 3.67 -27.83	59.82 3.48 -27.57	57.55 3.35 -26.76	43.37 3.35 -12.59	38.49 3.22 -7.98	36.89 2.86 -8.73
WALDENNY_I2_KV_BK2 80841	26.73 -1.81 -1.05	26.08 -1.98 -0.59	25.60 -2.20 -0.36	25.66 -2.14 -0.39	25.87 -1.90 -0.27	28.93 -2.19 -0.33	34.16 -3.06 -1.21	35.25 -3.64 -0.93	32.69 -3.43 -0.04	29.62 -2.09 0.00	27.72 -2.18 0.00	26.90 -2.21 0.00	25.91 -2.28 0.00	25.71 -2.76 0.00	26.23 -2.53 0.00	25.92 -2.82 0.00	26.22 -3.04 0.01	29.97 -3.19 -0.24	28.40 -2.87 -0.69	26.26 -3.08 -0.57	25.23 -2.88 -0.67	25.10 -3.10 -0.76	24.52 -3.33 -0.56	23.33 -2.56 -0.58
WALDEN___HYDRO 24148	35.60 1.92 -6.18	32.77 1.84 -3.46	31.34 1.81 -2.09	31.47 1.78 -2.27	30.94 1.84 -1.60	34.77 2.06 -1.92	45.59 2.48 -7.10	46.13 2.73 -5.43	38.89 2.60 -0.21	33.94 2.22 0.00	31.93 2.03 0.00	31.03 1.92 0.00	30.05 1.86 0.00	30.35 1.88 0.00	30.63 1.87 0.00	30.69 1.95 0.00	31.33 2.05 0.00	36.75 2.44 -1.39	36.92 2.29 -4.04	34.18 2.07 -3.34	33.33 1.95 -3.94	33.87 1.98 -4.45	32.32 1.77 -3.26	30.32 1.59 -3.42
WARRENSBURG____ 23737	36.67 1.13 -8.04	33.07 1.10 -4.50	31.25 1.10 -2.71	31.55 1.18 -2.96	30.71 1.13 -2.09	34.67 1.39 -2.50	46.86 1.62 -9.24	46.66 1.63 -7.07	37.98 1.63 -0.27	32.92 1.20 0.00	30.80 0.90 0.00	29.98 0.87 0.00	29.01 0.82 0.00	29.36 0.88 0.00	29.65 0.89 0.00	29.77 1.03 0.00	30.48 1.20 0.00	36.28 1.55 -1.80	37.85 1.47 -5.80	34.44 1.32 -4.35	33.83 1.26 -5.13	34.47 1.24 -5.79	32.59 1.06 -4.24	30.64 0.89 -4.45
WATERSIDE___6 8 9 23538	36.40 2.45 -6.45	33.47 2.39 -3.61	31.92 2.30 -2.18	32.03 2.25 -2.37	31.53 2.36 -1.67	35.37 2.59 -2.01	46.55 3.13 -7.41	48.85 3.53 -7.35	50.71 3.39 -11.24	48.15 3.01 -13.42	44.09 2.81 -11.38	42.73 2.71 -10.91	42.70 2.59 -11.92	42.73 2.65 -11.61	42.73 2.62 -11.35	42.98 2.67 -11.57	45.44 2.72 -13.44	48.15 3.19 -12.03	45.44 2.97 -11.89	44.09 2.76 -12.56	39.03 2.61 -8.98	34.70 2.58 -4.68	33.14 2.43 -3.42	31.05 2.18 -3.57
WATKINRD_115KV_LN8_ILLION 55919	28.10 0.60 0.00	28.10 0.63 0.00	28.07 0.63 0.00	28.07 0.66 0.00	28.24 0.74 0.00	31.65 0.86 0.00	36.98 0.97 0.00	39.03 1.06 0.00	37.09 1.01 0.00	32.57 0.86 0.00	30.68 0.78 0.00	29.87 0.76 0.00	28.92 0.73 0.00	29.24 0.77 0.00	29.54 0.78 0.00	29.48 0.75 0.00	29.95 0.67 0.00	33.65 0.72 0.00	31.22 0.64 0.00	29.34 0.58 0.00	27.96 0.52 0.00	28.02 0.58 0.00	27.84 0.55 0.00	25.81 0.51 0.00
WATSON___69_KV_BK 1 55734	41.59 3.35 -10.75	38.66 3.27 -7.92	36.18 3.21 -5.53	36.59 3.18 -6.00	38.03 3.30 -7.24	43.02 3.69 -8.55	53.42 4.43 -12.99	58.82 4.97 -15.88	48.94 4.65 -8.20	41.57 4.06 -5.79	35.97 3.77 -2.30	32.69 3.58 0.00	31.54 3.35 0.00	31.95 3.47 0.00	38.23 3.60 -5.88	44.96 3.68 -12.54	51.64 3.84 -18.53	55.30 4.41 -17.96	57.69 4.13 -22.98	56.19 3.83 -23.59	54.13 3.62 -23.07	43.60 3.59 -12.56	38.66 3.38 -7.98	37.04 3.01 -8.73
WDELAWARE___HYD 323627	34.71 1.48 -5.74	32.08 1.40 -3.21	30.72 1.34 -1.94	30.86 1.34 -2.11	30.36 1.37 -1.49	34.13 1.57 -1.78	44.53 1.94 -6.59	45.24 2.24 -5.04	38.33 2.06 -0.19	33.33 1.62 0.00	31.39 1.49 0.00	30.54 1.43 0.00	28.78 0.59 0.00	29.10 0.63 0.00	29.39 0.63 0.00	29.46 0.72 0.00	30.10 0.82 0.00	35.27 1.05 -1.29	35.37 1.04 -3.75	32.73 0.86 -3.10	32.60 1.51 -3.66	33.11 1.54 -4.13	31.60 1.28 -3.02	29.59 1.11 -3.18
WEST BABYLON___IC 23714	41.43 3.19 -10.75	38.49 3.10 -7.92	36.02 3.05 -5.53	36.43 3.02 -6.00	37.84 3.11 -7.24	42.81 3.48 -8.55	53.14 4.14 -12.99	56.12 4.67 -13.48	48.69 4.40 -8.20	41.38 3.87 -5.79	35.79 3.59 -2.30	32.55 3.44 0.00	31.40 3.21 0.00	31.81 3.33 0.00	38.06 3.42 -5.88	43.42 3.48 -11.20	49.15 3.60 -16.27	52.78 4.18 -15.67	53.75 3.91 -19.26	52.93 3.62 -20.54	51.11 3.43 -20.24	43.35 3.40 -12.51	38.46 3.19 -7.98	36.89 2.86 -8.73
WEST CANADA___HYD 24049	27.83 0.33 0.00	27.80 0.33 0.00	27.77 0.33 0.00	27.74 0.33 0.00	27.85 0.36 0.00	31.18 0.40 0.00	36.47 0.47 0.00	38.46 0.49 0.00	36.55 0.47 0.00	32.13 0.41 0.00	30.23 0.33 0.00	29.43 0.32 0.00	28.50 0.31 0.00	28.79 0.31 0.00	29.08 0.32 0.00	29.05 0.32 0.00	29.63 0.35 0.00	33.32 0.40 0.00	30.95 0.37 0.00	29.08 0.32 0.00	27.74 0.30 0.00	27.74 0.30 0.00	27.53 0.25 0.00	25.56 0.25 0.00
WESTERN_NY_WIND 24143	27.24 -1.21 -0.96	26.63 -1.37 -0.54	26.17 -1.59 -0.32	26.23 -1.53 -0.35	26.45 -1.29 -0.25	29.73 -1.35 -0.30	35.12 -1.98 -1.10	36.38 -2.43 -0.84	33.73 -2.38 -0.03	30.07 -1.65 0.00	28.11 -1.79 0.00	27.28 -1.83 0.00	26.33 -1.86 0.00	26.20 -2.28 0.00	26.81 -1.96 0.00	26.52 -2.21 0.00	26.98 -2.28 0.01	31.10 -2.04 -0.21	29.47 -1.74 -0.63	27.27 -2.01 -0.52	26.13 -1.92 -0.61	26.02 -2.11 -0.69	25.42 -2.37 -0.51	24.03 -1.80 -0.53
WESTOVER___LESR 323668	29.85 0.19 -2.16	28.79 0.11 -1.21	28.22 0.05 -0.73	28.29 0.08 -0.79	28.27 0.22 -0.56	31.70 0.25 -0.67	38.70 0.22 -2.48	39.98 0.11 -1.90	36.23 0.07 -0.07	32.03 0.32 0.00	30.11 0.21 0.00	29.31 0.20 0.00	28.33 0.14 0.00	28.50 0.03 0.00	28.90 0.14 0.00	28.82 0.09 0.00	29.35 0.06 -0.01	33.57 0.16 -0.48	32.15 0.15 -1.41	29.99 0.06 -1.17	28.87 0.05 -1.38	29.02 0.03 -1.56	28.24 -0.19 -1.14	26.42 -0.08 -1.20
WETHRSFD_WT_PWR 323626	26.58 -1.95 -1.04	25.96 -2.09 -0.58	25.68 -2.11 -0.35	25.57 -2.22 -0.38	25.78 -1.98 -0.27	28.80 -2.31 -0.32	33.99 -3.20 -1.19	34.96 -3.91 -0.91	32.44 -3.68 -0.03	29.40 -2.31 0.00	27.42 -2.48 0.00	26.49 -2.62 0.00	25.51 -2.68 0.00	25.20 -3.27 0.00	25.68 -3.08 0.00	25.23 -3.51 0.00	25.49 -3.78 0.01	29.14 -4.02 -0.23	27.53 -3.73 -0.68	25.42 -3.91 -0.56	24.42 -3.68 -0.66	24.32 -3.87 -0.75	23.82 -4.01 -0.55	22.69 -3.19 -0.57
WHAVSTOR_138KV_BK127 55557	35.82 2.01 -6.32	32.96 1.95 -3.54	31.47 1.89 -2.13	31.60 1.86 -2.32	31.06 1.92 -1.64	34.87 2.12 -1.96	45.78 2.52 -7.26	46.40 2.89 -5.55	39.11 2.81 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.36 2.17 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.01 2.67 -1.42	37.19 2.48 -4.13	34.49 2.30 -3.42	33.64 2.17 -4.03	34.19 2.20 -4.55	32.72 2.10 -3.33	30.65 1.85 -3.50
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.82 2.01 -6.32	32.96 1.95 -3.54	31.47 1.89 -2.13	31.60 1.86 -2.32	31.06 1.92 -1.64	34.87 2.12 -1.96	45.78 2.52 -7.26	46.40 2.89 -5.55	39.11 2.81 -0.21	34.22 2.51 0.00	32.26 2.36 0.00	31.38 2.27 0.00	30.36 2.17 0.00	30.70 2.22 0.00	30.95 2.19 0.00	30.98 2.24 0.00	31.56 2.28 0.00	37.01 2.67 -1.42	37.19 2.48 -4.13	34.49 2.30 -3.42	33.64 2.17 -4.03	34.19 2.20 -4.55	32.72 2.10 -3.33	30.65 1.85 -3.50

WHITEHAL_115KV_TB1 80871	37.36 1.84 -8.03	33.75 1.79 -4.50	31.93 1.78 -2.71	32.23 1.86 -2.95	31.36 1.79 -2.08	35.43 2.15 -2.49	47.78 2.56 -9.22	47.68 2.66 -7.05	38.88 2.53 -0.27	33.65 1.93 0.00	31.39 1.49 0.00	30.57 1.46 0.00	29.57 1.38 0.00	29.93 1.45 0.00	30.26 1.50 0.00	30.43 1.70 0.00	31.18 1.90 0.00	37.16 2.44 -1.80	38.72 2.29 -5.85	35.21 2.10 -4.34	34.56 2.00 -5.12	35.17 1.95 -5.78	33.21 1.69 -4.23	31.21 1.47 -4.44
WHITEPLN_13_KV_LOAD 356215	36.28 2.34 -6.44	33.33 2.25 -3.61	31.81 2.20 -2.18	31.97 2.19 -2.37	31.45 2.28 -1.67	35.28 2.49 -2.00	46.39 2.99 -7.40	47.12 3.49 -5.66	39.72 3.43 -0.21	34.70 2.98 0.00	32.71 2.81 0.00	31.82 2.71 0.00	30.81 2.62 0.00	31.12 2.65 0.00	31.41 2.65 0.00	31.41 2.67 0.00	32.00 2.72 0.00	37.56 3.19 -1.45	37.76 2.97 -4.21	35.01 2.76 -3.48	34.13 2.58 -4.11	34.66 2.58 -4.64	33.03 2.35 -3.40	30.97 2.10 -3.57
WM_FLOYD_69_KV_BK2 356380	41.48 3.24 -10.75	38.55 3.16 -7.92	36.07 3.10 -5.53	36.48 3.07 -6.00	37.92 3.19 -7.24	42.90 3.57 -8.55	53.24 4.25 -12.99	61.79 4.71 -19.12	48.69 4.40 -8.20	41.38 3.87 -5.79	35.79 3.59 -2.30	32.52 3.41 0.00	31.37 3.19 0.00	31.75 3.27 0.00	38.09 3.45 -5.88	46.62 3.53 -14.35	54.40 3.63 -21.49	58.16 4.18 -21.05	62.41 3.82 -28.00	60.08 3.60 -27.71	57.76 3.43 -26.89	43.45 3.43 -12.58	38.55 3.27 -7.98	36.94 2.91 -8.73
WOODARD__115KV_TB2 355635	27.61 -0.58 -0.69	27.22 -0.63 -0.39	26.99 -0.69 -0.23	27.01 -0.66 -0.26	27.10 -0.58 -0.18	30.38 -0.62 -0.22	36.08 -0.72 -0.80	37.74 -0.84 -0.61	35.24 -0.87 -0.02	30.99 -0.73 0.00	29.12 -0.78 0.00	28.35 -0.76 0.00	27.46 -0.73 0.00	27.68 -0.80 0.00	28.07 -0.69 0.00	27.99 -0.75 0.00	28.52 -0.76 -0.01	32.42 -0.66 -0.16	30.42 -0.61 -0.45	28.54 -0.60 -0.38	27.33 -0.55 -0.44	27.39 -0.55 -0.50	26.95 -0.71 -0.37	25.05 -0.63 -0.38
YORK__WARBASSE 23770	36.53 2.58 -6.45	33.55 2.47 -3.61	32.01 2.39 -2.18	32.11 2.33 -2.37	31.62 2.45 -1.67	35.47 2.68 -2.01	46.66 3.24 -7.41	49.00 3.68 -7.35	50.89 3.57 -11.24	48.28 3.14 -13.42	44.21 2.93 -11.38	42.85 2.82 -10.91	42.84 2.73 -11.92	42.84 2.76 -11.61	42.87 2.76 -11.35	43.10 2.79 -11.57	45.59 2.87 -13.44	59.59 3.36 -23.30	145.59 3.12 -111.89	55.47 2.91 -23.80	53.59 2.74 -23.40	52.41 2.74 -22.22	33.27 2.57 -3.42	31.18 2.30 -3.57