

ALBANY___2 23572	31.72 0.56 0.00	27.99 0.58 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.54 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.93 0.57 0.00	28.88 0.70 0.00	33.94 0.80 0.00	34.97 0.86 0.16	35.93 0.98 0.22	38.87 1.07 0.36	41.92 1.13 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.85 1.42 0.02	49.37 1.25 0.00	43.71 1.02 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
ALBANY___3 23573	31.72 0.56 0.00	27.99 0.58 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.54 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.93 0.57 0.00	28.88 0.70 0.00	33.94 0.80 0.00	34.97 0.86 0.16	35.93 0.98 0.22	38.87 1.07 0.36	41.92 1.13 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.85 1.42 0.02	49.37 1.25 0.00	43.71 1.02 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
ALBANY___4 23574	31.72 0.56 0.00	27.99 0.58 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.54 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.93 0.57 0.00	28.88 0.70 0.00	33.94 0.80 0.00	34.97 0.86 0.16	35.93 0.98 0.22	38.87 1.07 0.36	41.92 1.13 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.85 1.42 0.02	49.37 1.25 0.00	43.71 1.02 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
ALBANY___LFGE 323615	32.09 0.93 0.00	28.26 0.85 0.00	27.52 0.72 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.07 0.74 0.00	26.39 0.69 0.00	27.30 0.61 0.00	28.12 0.76 0.00	29.19 1.01 0.00	34.34 1.19 0.00	35.30 1.20 0.17	36.40 1.48 0.24	39.34 1.57 0.39	42.37 1.60 -1.73	51.00 1.56 -11.45	52.78 1.84 -5.06	56.06 2.16 0.05	56.55 2.12 0.03	49.95 1.83 0.00	44.27 1.58 0.00	42.14 1.58 0.05	36.87 1.35 0.00	35.03 1.02 0.00
ALCOA_PA_115KV_PL-6C 55860	30.31 -0.84 0.00	26.81 -0.60 0.00	26.40 -0.40 0.00	25.62 -0.42 0.00	25.45 -0.47 0.00	24.88 -0.46 0.00	25.36 -0.33 0.00	26.23 -0.45 0.00	26.56 -0.79 0.00	27.38 -0.79 0.00	32.12 -1.03 0.00	32.87 -1.41 0.00	33.62 -1.55 0.00	36.56 -1.60 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.10 -1.79 0.00	51.84 -2.10 0.00	52.22 -2.23 0.00	46.24 -1.88 0.00	41.28 -1.41 0.00	39.06 -1.54 0.00	34.10 -1.42 0.00	33.06 -0.95 0.00
ALCOA_RYNLDS___DRP 24188	30.31 -0.84 0.00	26.81 -0.60 0.00	26.40 -0.40 0.00	25.62 -0.42 0.00	25.45 -0.47 0.00	24.88 -0.46 0.00	25.36 -0.33 0.00	26.23 -0.45 0.00	26.56 -0.79 0.00	27.38 -0.79 0.00	32.12 -1.03 0.00	32.87 -1.41 0.00	33.62 -1.55 0.00	36.56 -1.60 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.10 -1.79 0.00	51.84 -2.10 0.00	52.22 -2.23 0.00	46.24 -1.88 0.00	41.28 -1.41 0.00	39.06 -1.54 0.00	34.10 -1.42 0.00	33.06 -0.95 0.00
ALCOA___DSASP 323711	30.32 -0.84 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.62 -0.42 0.00	25.45 -0.47 0.00	24.88 -0.46 0.00	25.36 -0.33 0.00	26.23 -0.45 0.00	26.83 -0.52 0.00	27.38 -0.79 0.00	32.12 -1.03 0.00	33.14 -1.13 0.00	33.62 -1.55 0.00	36.56 -1.60 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.10 -1.79 0.00	51.84 -2.10 0.00	52.22 -2.24 0.00	46.24 -1.88 0.00	41.28 -1.41 0.00	39.06 -1.54 0.00	34.10 -1.42 0.00	33.06 -0.95 0.00
ALLEGHENY___COGEN 23514	32.03 0.87 0.00	27.79 0.38 0.00	26.85 0.05 0.00	25.98 -0.05 0.00	25.84 -0.08 0.00	25.26 -0.08 0.00	25.41 -0.28 0.00	26.42 -0.27 0.00	26.15 -1.20 0.00	26.91 -1.27 0.00	31.03 -2.12 0.00	32.22 -2.06 0.00	33.51 -1.65 0.00	36.41 -1.76 0.00	37.52 -1.80 -0.28	37.84 -1.75 -1.59	44.78 -1.79 -0.68	52.60 -1.35 0.00	53.96 -0.49 0.00	48.94 0.82 0.00	43.71 1.02 0.00	41.62 1.02 0.00	36.87 1.35 0.00	34.83 0.81 0.00
ALTAMONT_115KV_TB 2 55880	32.09 0.93 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.77 0.73 0.00	26.64 0.73 0.00	26.04 0.71 0.00	26.36 0.67 0.00	27.30 0.61 0.00	28.17 0.82 0.00	29.10 0.93 0.00	34.28 1.13 0.00	35.40 1.23 0.10	36.35 1.34 0.15	39.38 1.45 0.24	42.47 1.52 -1.90	51.31 1.44 -11.87	52.82 1.74 -5.19	56.02 2.10 0.03	56.51 2.07 0.02	49.95 1.83 0.00	44.22 1.54 0.00	42.16 1.58 0.03	36.87 1.35 0.00	35.07 1.05 0.00
ALTONA_WT_PWR 323606	30.78 -0.37 0.00	27.22 -0.19 0.00	26.75 -0.05 0.00	25.96 -0.08 0.00	25.79 -0.13 0.00	25.18 -0.15 0.00	25.59 -0.10 0.00	26.50 -0.19 0.00	27.08 -0.27 0.00	27.61 -0.56 0.00	32.32 -0.83 0.00	33.31 -0.96 0.00	33.79 -1.37 0.00	36.68 -1.49 0.00	37.56 -1.48 0.00	36.59 -1.41 0.00	44.19 -1.70 0.00	52.06 -1.89 0.00	52.55 -1.91 0.00	46.63 -1.49 0.00	41.75 -0.94 0.00	39.43 -1.18 0.00	34.46 -1.06 0.00	33.47 -0.55 0.00
AMERICAN_REF_FUEL 24010	29.53 -1.62 0.00	25.66 -1.75 0.00	24.87 -1.93 0.00	23.95 -2.08 0.00	23.97 -1.94 0.00	23.26 -2.08 0.00	23.59 -2.11 0.00	24.76 -1.92 0.00	24.81 -2.54 0.00	25.92 -2.25 0.00	30.07 -3.08 0.00	31.33 -2.95 0.00	32.70 -2.46 0.00	35.49 -2.67 0.00	36.32 -2.97 -0.25	36.32 -3.11 -1.44	42.83 -3.67 -0.62	49.69 -4.26 0.00	49.83 -4.63 0.00	44.99 -3.13 0.00	39.70 -2.99 0.00	37.89 -2.72 0.00	33.85 -1.67 0.00	32.21 -1.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.75 -0.41 0.00	26.51 -0.90 0.00	25.57 -1.23 0.00	24.76 -1.28 0.00	24.54 -1.37 0.00	23.94 -1.39 0.00	24.10 -1.59 0.00	25.43 -1.25 0.00	25.55 -1.81 0.00	27.05 -1.13 0.00	31.46 -1.69 0.00	32.73 -1.54 0.00	34.22 -0.95 0.00	37.10 -1.07 0.00	37.49 -1.83 -0.28	37.65 -1.98 -1.63	44.39 -2.20 -0.70	52.22 -1.73 0.00	52.06 -2.39 0.00	47.06 -1.06 0.00	41.54 -1.15 0.00	39.63 -0.97 0.00	35.34 -0.18 0.00	33.57 -0.44 0.00
ARTHUR KILL_GT_1 23520	34.26 2.99 -0.11	29.86 2.44 -0.01	29.03 2.22 -0.01	28.23 2.19 -0.01	28.10 2.18 -0.01	27.42 2.08 -0.01	27.78 2.08 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	59.97 3.02 -28.78	51.61 3.78 -14.69	84.24 4.01 -45.96	81.10 4.50 -41.44	80.84 4.93 -37.74	76.48 5.04 -32.39	80.56 4.86 -37.70	80.21 5.83 -28.49	80.31 6.69 -19.67	76.86 6.70 -15.71	76.79 5.87 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.00 4.22 -24.25	53.18 3.67 -15.49
ARTHUR_KILL_2 23512	34.13 2.86 -0.11	29.75 2.33 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.68 1.98 -0.01	28.80 2.11 -0.01	29.63 2.27 -0.01	59.86 2.90 -28.78	51.48 3.65 -14.69	84.07 3.84 -45.96	80.93 4.32 -41.44	80.64 4.73 -37.74	76.28 4.84 -32.39	80.37 4.67 -37.70	79.97 5.60 -28.49	79.98 6.36 -19.67	76.53 6.37 -15.71	76.55 5.63 -22.80	76.52 4.78 -29.05	76.53 4.83 -31.09	63.82 4.05 -24.25	53.01 3.50 -15.49
ARTHUR_KILL_3 23513	33.95 2.74 -0.05	29.58 2.16 0.00	28.73 1.93 0.00	27.91 1.88 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.55 1.85 0.00	28.69 2.00 0.00	29.57 2.21 0.00	45.24 2.79 -14.28	45.24 3.55 -8.54	45.49 3.63 -7.58	46.23 4.01 -7.06	49.60 4.35 -7.08	52.20 4.41 -8.75	53.74 4.25 -11.48	57.47 5.18 -6.40	60.04 6.04 -0.06	60.47 5.99 -0.03	53.22 5.10 0.00	47.04 4.36 0.00	46.62 4.43 -1.59	45.49 3.73 -6.24	45.24 3.30 -7.93

ARTHUR_KILL_COGEN 323718	34.26 2.99 -0.11	29.86 2.44 -0.01	29.03 2.22 -0.01	28.23 2.19 -0.01	28.10 2.18 -0.01	27.42 2.08 -0.01	27.78 2.08 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	59.97 3.02 -28.78	51.61 3.78 -14.69	84.24 4.01 -45.96	81.10 4.50 -41.44	80.84 4.93 -37.74	76.48 5.04 -32.39	80.56 4.86 -37.70	80.21 5.83 -28.49	80.31 6.69 -19.67	76.86 6.70 -15.71	76.79 5.87 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.00 4.22 -24.25	53.18 3.67 -15.49
ASHOKAN____ 23654	33.24 2.09 0.00	29.17 1.76 0.00	28.25 1.45 0.00	27.52 1.48 0.00	27.39 1.48 0.00	26.62 1.29 0.00	26.93 1.23 0.00	27.65 0.96 0.00	28.50 1.15 0.00	29.61 1.44 0.00	34.97 1.82 0.00	36.95 2.68 0.00	38.12 2.95 0.00	41.49 3.32 0.00	44.51 3.52 -1.96	52.73 3.46 -11.28	55.19 4.45 -4.85	59.34 5.39 0.00	58.71 4.25 0.00	53.03 4.91 0.00	45.80 3.11 0.00	43.78 3.17 0.00	38.08 2.56 0.00	36.02 2.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.13 2.96 -0.01	29.89 2.47 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.91 2.21 -0.01	29.07 2.37 -0.01	29.88 2.51 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.11 3.84 -6.00	46.55 4.32 -7.07	50.06 4.81 -7.09	52.76 4.96 -8.76	55.67 4.75 -12.92	57.94 5.64 -6.40	60.48 6.47 -0.06	60.97 6.48 -0.04	53.81 5.68 -0.01	47.56 4.86 -0.01	45.46 4.79 -0.06	39.40 3.87 -0.01	37.45 3.43 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.13 2.96 -0.01	29.89 2.47 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.91 2.21 -0.01	29.07 2.37 -0.01	29.88 2.51 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.11 3.84 -6.00	46.55 4.32 -7.07	50.06 4.81 -7.09	52.76 4.96 -8.76	55.67 4.75 -12.92	57.94 5.64 -6.40	60.48 6.47 -0.06	60.97 6.48 -0.04	53.81 5.68 -0.01	47.56 4.86 -0.01	45.46 4.79 -0.06	39.40 3.87 -0.01	37.45 3.43 -0.01
ASTORIA_GT2_1 24094	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT2_2 24095	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT2_3 24096	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT2_4 24097	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT3_1 24098	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT3_2 24099	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT3_3 24100	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT3_4 24101	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT4_1 24102	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT4_2 24103	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT4_3 24104	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01

ASTORIA_GT4_4 24105	34.12 2.96 -0.01	29.94 2.52 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.24 -0.01	29.10 2.40 -0.01	30.10 2.74 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.28 4.01 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.08	52.79 5.00 -8.75	55.71 4.79 -12.92	57.89 5.60 -6.40	60.49 6.47 -0.06	60.92 6.43 -0.04	53.81 5.68 -0.01	47.56 4.87 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
ASTORIA_GT_1 23523	34.19 3.02 -0.01	29.94 2.52 -0.01	29.11 2.31 -0.01	28.34 2.29 -0.01	28.18 2.25 -0.01	27.49 2.15 -0.01	27.99 2.29 -0.01	29.15 2.45 -0.01	29.96 2.60 -0.01	31.14 2.96 -0.01	39.21 3.81 -2.25	44.21 3.94 -6.00	46.70 4.47 -7.07	50.18 4.93 -7.09	52.91 5.11 -8.76	55.78 4.86 -12.92	58.08 5.78 -6.40	60.65 6.63 -0.06	61.13 6.64 -0.04	54.00 5.87 -0.01	47.73 5.03 -0.01	45.58 4.91 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
ASTORIA_GT_10 24110	34.09 2.93 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.93 2.57 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.49 4.25 -7.07	49.90 4.66 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.61 5.32 -6.40	60.10 6.10 -0.06	60.53 6.04 -0.03	53.51 5.39 0.00	47.26 4.57 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.52 3.50 -0.01
ASTORIA_GT_11 24225	34.09 2.93 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.93 2.57 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.49 4.25 -7.07	49.90 4.66 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.61 5.32 -6.40	60.10 6.10 -0.06	60.53 6.04 -0.03	53.51 5.39 0.00	47.26 4.57 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.52 3.50 -0.01
ASTORIA_GT_12 24226	34.09 2.93 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.93 2.57 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.49 4.25 -7.07	49.90 4.66 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.61 5.32 -6.40	60.10 6.10 -0.06	60.53 6.04 -0.03	53.51 5.39 0.00	47.26 4.57 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.52 3.50 -0.01
ASTORIA_GT_13 24227	34.09 2.93 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.93 2.57 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.49 4.25 -7.07	49.90 4.66 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.61 5.32 -6.40	60.10 6.10 -0.06	60.53 6.04 -0.03	53.51 5.39 0.00	47.26 4.57 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.52 3.50 -0.01
ASTORIA_GT_5 24106	34.19 3.02 -0.01	29.99 2.58 -0.01	29.11 2.30 -0.01	28.34 2.29 -0.01	28.18 2.25 -0.01	27.49 2.15 -0.01	27.99 2.29 -0.01	29.15 2.46 -0.01	30.18 2.82 -0.01	31.14 2.96 -0.01	39.21 3.81 -2.25	44.35 4.08 -6.00	46.70 4.47 -7.07	50.17 4.92 -7.08	52.90 5.11 -8.75	55.78 4.86 -12.92	58.03 5.74 -6.40	60.65 6.64 -0.06	61.03 6.53 -0.04	53.95 5.82 -0.01	47.65 4.95 -0.01	45.58 4.91 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
ASTORIA_GT_7 24107	34.19 3.02 -0.01	29.99 2.58 -0.01	29.11 2.30 -0.01	28.34 2.29 -0.01	28.18 2.25 -0.01	27.49 2.15 -0.01	27.99 2.29 -0.01	29.15 2.46 -0.01	30.18 2.82 -0.01	31.14 2.96 -0.01	39.21 3.81 -2.25	44.35 4.08 -6.00	46.70 4.47 -7.07	50.17 4.92 -7.08	52.90 5.11 -8.75	55.78 4.86 -12.92	58.03 5.74 -6.40	60.65 6.64 -0.06	61.03 6.53 -0.04	53.95 5.82 -0.01	47.65 4.95 -0.01	45.58 4.91 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
ASTORIA_GT_8 24108	34.19 3.02 -0.01	29.99 2.58 -0.01	29.11 2.30 -0.01	28.34 2.29 -0.01	28.18 2.25 -0.01	27.49 2.15 -0.01	27.99 2.29 -0.01	29.15 2.46 -0.01	30.18 2.82 -0.01	31.14 2.96 -0.01	39.21 3.81 -2.25	44.35 4.08 -6.00	46.70 4.47 -7.07	50.17 4.92 -7.08	52.90 5.11 -8.75	55.78 4.86 -12.92	58.03 5.74 -6.40	60.65 6.64 -0.06	61.03 6.53 -0.04	53.95 5.82 -0.01	47.65 4.95 -0.01	45.58 4.91 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
ASTORIA___2 24149	34.13 2.96 -0.01	29.89 2.47 -0.01	29.06 2.25 -0.01	28.28 2.24 -0.01	28.13 2.20 -0.01	27.44 2.10 -0.01	27.94 2.23 -0.01	29.10 2.40 -0.01	29.90 2.54 -0.01	31.08 2.90 -0.01	39.11 3.71 -2.25	44.11 3.84 -6.00	46.59 4.36 -7.07	50.06 4.81 -7.09	52.80 5.00 -8.76	55.71 4.79 -12.92	57.94 5.64 -6.40	60.48 6.47 -0.06	60.97 6.48 -0.04	53.85 5.72 -0.01	47.60 4.91 -0.01	45.46 4.79 -0.06	39.44 3.91 -0.01	37.45 3.43 -0.01
ASTORIA___3 23516	34.09 2.93 -0.01	29.78 2.36 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.11 3.84 -6.00	46.48 4.25 -7.07	49.90 4.65 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.65 5.37 -6.40	60.15 6.15 -0.06	60.58 6.10 -0.03	53.51 5.39 0.00	47.34 4.65 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.53 3.50 -0.01
ASTORIA___4 23517	34.09 2.93 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.93 2.57 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.49 4.25 -7.07	49.90 4.66 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.61 5.32 -6.40	60.10 6.10 -0.06	60.53 6.04 -0.03	53.46 5.34 0.00	47.26 4.57 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.52 3.50 -0.01
ASTORIA___5 23518	34.09 2.93 -0.01	29.78 2.36 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.11 3.84 -6.00	46.48 4.25 -7.07	49.90 4.65 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.65 5.37 -6.40	60.15 6.15 -0.06	60.58 6.10 -0.03	53.51 5.39 0.00	47.34 4.65 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.53 3.50 -0.01
AST_ENERGY_2_CC3 323677	33.93 2.77 0.00	29.63 2.22 0.00	28.78 1.98 0.00	27.99 1.95 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.62 1.93 0.00	28.74 2.06 0.00	29.60 2.24 0.00	30.99 2.82 0.00	38.94 3.61 -2.17	43.83 3.74 -5.82	46.33 4.11 -7.06	49.75 4.50 -7.08	52.35 4.57 -8.75	53.89 4.41 -11.48	57.65 5.37 -6.40	60.21 6.20 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.17 4.51 -0.06	39.36 3.84 0.00	37.38 3.37 0.00
AST_ENERGY_2_CC4 323678	33.93 2.77 0.00	29.63 2.22 0.00	28.78 1.98 0.00	27.99 1.95 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.62 1.93 0.00	28.74 2.06 0.00	29.60 2.24 0.00	30.99 2.82 0.00	38.94 3.61 -2.17	43.83 3.74 -5.82	46.33 4.11 -7.06	49.75 4.50 -7.08	52.35 4.57 -8.75	53.89 4.41 -11.48	57.65 5.37 -6.40	60.21 6.20 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.17 4.51 -0.06	39.36 3.84 0.00	37.38 3.37 0.00

ATHENS_STG_1 23668	32.37 1.21 0.00	28.40 0.99 0.00	27.66 0.86 0.00	26.92 0.89 0.00	26.82 0.91 0.00	26.20 0.86 0.00	26.54 0.85 0.00	27.54 0.85 0.00	28.31 0.96 0.00	29.41 1.24 0.00	34.74 1.59 0.00	35.99 1.65 -0.07	37.17 1.90 -0.11	40.43 2.10 -0.17	43.35 2.15 -2.16	51.90 2.09 -11.82	53.43 2.52 -5.02	56.93 2.97 -0.02	57.46 2.99 -0.01	50.62 2.50 0.00	44.82 2.13 0.00	42.74 2.11 -0.02	37.30 1.78 0.00	35.44 1.43 0.00
ATHENS_STG_2 23670	32.37 1.21 0.00	28.40 0.99 0.00	27.66 0.86 0.00	26.92 0.89 0.00	26.82 0.91 0.00	26.20 0.86 0.00	26.54 0.85 0.00	27.54 0.85 0.00	28.31 0.96 0.00	29.41 1.24 0.00	34.74 1.59 0.00	35.99 1.65 -0.07	37.17 1.90 -0.11	40.43 2.10 -0.17	43.35 2.15 -2.16	51.90 2.09 -11.82	53.43 2.52 -5.02	56.93 2.97 -0.02	57.46 2.99 -0.01	50.62 2.50 0.00	44.82 2.13 0.00	42.74 2.11 -0.02	37.30 1.78 0.00	35.44 1.43 0.00
ATHENS_STG_3 23677	32.37 1.21 0.00	28.40 0.99 0.00	27.66 0.86 0.00	26.92 0.89 0.00	26.82 0.91 0.00	26.20 0.86 0.00	26.54 0.85 0.00	27.54 0.85 0.00	28.31 0.96 0.00	29.41 1.24 0.00	34.74 1.59 0.00	35.99 1.65 -0.07	37.17 1.90 -0.11	40.43 2.10 -0.17	43.35 2.15 -2.16	51.90 2.09 -11.82	53.43 2.52 -5.02	56.93 2.97 -0.02	57.46 2.99 -0.01	50.62 2.50 0.00	44.82 2.13 0.00	42.74 2.11 -0.02	37.30 1.78 0.00	35.44 1.43 0.00
AUBURN___LFGE 323710	31.37 0.22 0.00	27.49 0.08 0.00	26.72 -0.08 0.00	25.93 -0.10 0.00	25.79 -0.13 0.00	25.26 -0.08 0.00	25.57 -0.13 0.00	26.74 0.05 0.00	27.57 0.22 0.00	28.31 0.14 0.00	33.96 0.10 -0.72	34.91 0.45 -0.19	35.81 0.46 -0.19	39.25 0.46 -0.63	40.21 0.35 -0.81	40.13 0.30 -1.83	47.63 0.37 -1.37	56.90 0.54 -2.41	57.78 0.65 -2.67	49.42 0.58 -0.73	44.12 0.60 -0.83	42.89 0.53 -1.76	36.68 0.60 -0.55	35.03 0.27 -0.74
BABYLON_RES_REC 323704	43.64 3.27 -9.21	42.68 2.66 -12.61	42.28 2.44 -13.05	41.10 2.39 -12.67	37.97 2.38 -9.67	34.62 2.28 -7.01	30.79 2.34 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.26 4.15 -31.84	61.79 4.54 -22.09	82.10 5.00 -38.94	131.31 5.15 -87.12	164.40 5.02 -121.39	196.26 6.19 -144.18	217.22 7.28 -155.99	172.88 7.35 -111.08	82.85 6.30 -28.42	62.55 5.29 -14.57	71.61 5.16 -25.85	48.30 4.37 -8.41	44.70 3.84 -6.84
BABYLON__69_KV_BK2 356345	44.14 3.77 -9.21	43.12 3.10 -12.61	42.63 2.79 -13.05	41.44 2.73 -12.67	38.31 2.72 -9.67	34.95 2.61 -7.01	31.10 2.65 -2.75	34.93 2.80 -5.45	41.68 3.20 -11.12	43.01 3.58 -11.26	45.43 4.51 -7.77	71.02 4.90 -31.84	62.42 5.17 -22.09	82.71 5.61 -38.94	131.94 5.78 -87.12	164.94 5.62 -121.32	196.96 6.88 -144.18	226.83 8.15 -164.74	173.65 8.11 -111.08	91.68 6.98 -36.58	63.15 5.89 -14.57	72.22 5.77 -25.85	48.84 4.90 -8.42	45.24 4.39 -6.84
BALL_HILL_WT_PWR 323825	30.56 -0.59 0.00	26.48 -0.93 0.00	25.62 -1.18 0.00	24.84 -1.20 0.00	24.65 -1.27 0.00	24.09 -1.24 0.00	24.28 -1.41 0.00	25.59 -1.10 0.00	25.71 -1.64 0.00	26.99 -1.18 0.00	31.39 -1.76 0.00	32.66 -1.61 0.00	34.11 -1.05 0.00	36.98 -1.18 0.00	37.40 -1.91 -0.27	37.56 -2.01 -1.58	44.23 -2.34 -0.68	51.95 -2.00 0.00	52.06 -2.39 0.00	46.92 -1.20 0.00	41.41 -1.28 0.00	39.47 -1.14 0.00	35.20 -0.32 0.00	33.43 -0.58 0.00
BARON_WINDS___WT_PWR 323822	31.00 -0.16 0.00	26.92 -0.49 0.00	26.00 -0.80 0.00	25.20 -0.83 0.00	25.01 -0.91 0.00	24.47 -0.86 0.00	24.72 -0.98 0.00	25.94 -0.75 0.00	26.26 -1.09 0.00	27.35 -0.82 0.00	32.07 -1.26 -0.18	33.16 -1.17 -0.05	34.44 -0.77 -0.05	37.41 -0.92 -0.16	38.07 -1.48 -0.51	38.70 -1.52 -2.22	45.25 -1.74 -1.10	53.03 -1.51 -0.60	53.53 -1.58 -0.66	47.48 -0.82 -0.18	42.08 -0.81 -0.21	40.35 -0.69 -0.43	35.66 0.00 -0.14	33.89 -0.31 -0.18
BARRETT_IC_1 23704	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_10 23701	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.67 4.53 -87.10	83.00 4.33 -40.67	195.42 5.37 -144.17	212.02 6.26 -151.81	171.78 6.26 -111.06	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_11 23702	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.67 4.53 -87.10	83.00 4.33 -40.67	195.42 5.37 -144.17	212.02 6.26 -151.81	171.78 6.26 -111.06	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_12 23703	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.67 4.53 -87.10	83.00 4.33 -40.67	195.42 5.37 -144.17	212.02 6.26 -151.81	171.78 6.26 -111.06	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_2 23705	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_3 23706	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_4 23707	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85

BARRETT_IC_5 23708	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_6 23709	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_7 23710	43.39 3.02 -9.21	42.51 2.49 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	41.13 2.65 -11.12	42.41 2.99 -11.26	44.70 3.78 -7.77	70.09 3.98 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.72 4.37 -131.36	195.44 5.37 -144.18	212.04 6.26 -151.83	171.74 6.21 -111.08	78.19 5.53 -24.54	61.96 4.70 -14.57	71.17 4.71 -25.85	47.98 4.05 -8.41	44.42 3.57 -6.84
BARRETT_IC_8 23711	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT_IC_9 23700	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.67 4.53 -87.10	83.00 4.33 -40.67	195.42 5.37 -144.17	212.02 6.26 -151.81	171.78 6.26 -111.06	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT___1 23545	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.69 4.53 -87.12	173.68 4.33 -131.36	195.44 5.37 -144.18	212.03 6.26 -151.83	171.80 6.26 -111.08	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BARRETT___2 23546	43.39 3.02 -9.21	42.46 2.44 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.79 2.20 -9.67	34.47 2.13 -7.01	30.61 2.16 -2.75	34.43 2.30 -5.45	40.94 2.46 -11.12	42.41 2.98 -11.26	44.71 3.78 -7.78	69.95 3.84 -31.84	61.51 4.25 -22.09	81.68 4.58 -38.94	130.67 4.53 -87.10	83.00 4.33 -40.67	195.42 5.37 -144.17	212.02 6.26 -151.81	171.78 6.26 -111.06	78.24 5.58 -24.54	62.00 4.74 -14.57	71.16 4.71 -25.85	47.98 4.05 -8.41	44.43 3.57 -6.85
BATAVIA___115KV_TB1 55881	30.81 -0.34 0.00	26.73 -0.69 0.00	25.89 -0.91 0.00	25.02 -1.02 0.00	24.93 -0.98 0.00	24.29 -1.04 0.00	24.57 -1.13 0.00	25.91 -0.77 0.00	26.81 -0.55 0.00	27.13 -1.04 0.00	31.52 -1.62 0.00	33.66 -0.62 0.00	34.28 -0.88 0.00	37.17 -0.99 0.00	38.14 -1.13 -0.23	38.06 -1.25 -1.32	44.90 -1.56 -0.57	52.17 -1.78 0.00	53.09 -1.36 0.00	47.01 -1.11 0.00	42.09 -0.60 0.00	39.88 -0.73 0.00	35.45 -0.07 0.00	33.57 -0.44 0.00
BAYONEEC___CTG1 323682	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG10 323750	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG2 323683	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG3 323684	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG4 323685	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG5 323686	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG6 323687	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00

BAYONEEC___CTG7 323688	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG8 323689	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BAYONEEC___CTG9 323749	33.99 2.83 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.65 2.30 0.00	31.05 2.88 0.00	38.97 3.65 -2.17	43.83 3.74 -5.82	46.37 4.15 -7.06	49.79 4.54 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.69 6.21 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
BEACON___LESR 323632	32.28 1.12 0.00	28.40 0.99 0.00	27.63 0.83 0.00	26.95 0.91 0.00	26.80 0.88 0.00	26.17 0.83 0.00	26.49 0.80 0.00	27.41 0.72 0.00	28.25 0.90 0.00	29.33 1.16 0.00	34.54 1.39 0.00	35.51 1.41 0.17	36.58 1.65 0.24	39.54 1.76 0.38	42.56 1.80 -1.72	51.09 1.75 -11.35	52.97 2.07 -5.01	56.38 2.48 0.05	56.88 2.45 0.03	50.24 2.11 0.00	44.52 1.83 0.00	42.39 1.83 0.05	37.05 1.53 0.00	35.20 1.19 0.00
BEAVER RIVER___HYD 24048	31.65 0.50 0.00	27.68 0.27 0.00	27.01 0.21 0.00	26.17 0.13 0.00	26.05 0.13 0.00	25.46 0.13 0.00	25.82 0.13 0.00	26.74 0.05 0.00	27.30 -0.05 0.00	27.95 -0.23 0.00	33.17 -0.40 -0.42	33.94 -0.45 -0.11	34.89 -0.39 -0.11	38.03 -0.50 -0.36	38.91 -0.55 -0.41	38.26 -0.45 -0.71	46.17 -0.37 -0.65	55.94 0.59 -1.40	56.99 0.98 -1.55	49.46 0.91 -0.42	44.15 0.98 -0.48	42.52 0.89 -1.02	36.34 0.50 -0.32	34.96 0.51 -0.43
BEEBEE_GT_13 23619	30.63 -0.53 0.00	26.73 -0.69 0.00	25.94 -0.86 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.45 -0.89 0.00	24.72 -0.98 0.00	26.02 -0.67 0.00	26.91 -0.44 0.00	27.44 -0.73 0.00	32.02 -1.13 0.00	33.86 -0.41 0.00	34.60 -0.56 0.00	37.52 -0.65 0.00	38.65 -0.59 -0.19	38.51 -0.61 -1.12	45.50 -0.87 -0.48	52.65 -1.29 0.00	53.42 -1.03 0.00	47.16 -0.96 0.00	42.13 -0.55 0.00	39.96 -0.65 0.00	35.31 -0.21 0.00	33.47 -0.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.57 3.30 -0.11	30.13 2.71 -0.01	29.22 2.41 -0.01	28.41 2.37 -0.01	28.28 2.36 -0.01	27.60 2.25 -0.01	27.99 2.29 -0.01	29.12 2.43 -0.01	30.23 2.87 -0.01	60.25 3.30 -28.78	51.98 4.14 -14.69	84.76 4.52 -45.96	81.38 4.78 -41.44	81.14 5.23 -37.74	76.79 5.35 -32.39	80.82 5.13 -37.70	80.44 6.06 -28.49	80.63 7.01 -19.67	77.08 6.92 -15.71	77.03 6.11 -22.80	76.99 5.25 -29.05	77.02 5.32 -31.09	64.32 4.55 -24.25	53.49 3.98 -15.49
BETHLEHEM___GRP 23843	31.72 0.56 0.00	27.99 0.58 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.54 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.93 0.57 0.00	28.88 0.70 0.00	33.94 0.80 0.00	34.97 0.86 0.16	35.93 0.98 0.22	38.87 1.07 0.36	41.92 1.13 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.85 1.42 0.02	49.37 1.25 0.00	43.71 1.02 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
BETHLEHEM___GS1 323560	31.72 0.56 0.00	27.96 0.55 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.55 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.82 0.46 0.00	28.88 0.70 0.00	33.94 0.79 0.00	34.91 0.79 0.16	35.92 0.98 0.22	38.87 1.07 0.36	41.88 1.09 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.90 1.47 0.02	49.37 1.25 0.00	43.76 1.07 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
BETHLEHEM___GS2 323561	31.72 0.56 0.00	27.96 0.55 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.55 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.82 0.46 0.00	28.88 0.70 0.00	33.94 0.79 0.00	34.91 0.79 0.16	35.92 0.98 0.22	38.87 1.07 0.36	41.88 1.09 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.90 1.47 0.02	49.37 1.25 0.00	43.76 1.07 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
BETHLEHEM___GS3 323562	31.72 0.56 0.00	27.96 0.55 0.00	27.26 0.46 0.00	26.61 0.57 0.00	26.46 0.55 0.00	25.84 0.51 0.00	26.13 0.44 0.00	27.03 0.35 0.00	27.82 0.46 0.00	28.88 0.70 0.00	33.94 0.79 0.00	34.91 0.79 0.16	35.92 0.98 0.22	38.87 1.07 0.36	41.88 1.09 -1.75	50.50 1.06 -11.44	52.17 1.24 -5.04	55.36 1.46 0.05	55.90 1.47 0.02	49.37 1.25 0.00	43.76 1.07 0.00	41.66 1.10 0.05	36.44 0.92 0.00	34.63 0.61 0.00
BETHLEHEM___STEEL 23779	30.47 -0.69 0.00	26.42 -0.99 0.00	25.59 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.57 -1.12 0.00	26.50 -0.85 0.00	26.88 -1.30 0.00	31.26 -1.89 0.00	33.35 -0.93 0.00	34.00 -1.16 0.00	36.87 -1.30 0.00	37.40 -1.91 -0.27	37.49 -2.05 -1.55	44.03 -2.52 -0.67	51.68 -2.27 0.00	52.33 -2.12 0.00	46.53 -1.59 0.00	41.49 -1.20 0.00	39.35 -1.26 0.00	35.09 -0.43 0.00	33.37 -0.65 0.00
BETHLHEM_115KV_TB1 79974	31.81 0.65 0.00	28.04 0.63 0.00	27.31 0.51 0.00	26.63 0.60 0.00	26.51 0.60 0.00	25.89 0.56 0.00	26.18 0.49 0.00	27.09 0.40 0.00	27.98 0.63 0.00	28.91 0.73 0.00	34.01 0.86 0.00	35.05 0.93 0.15	36.01 1.05 0.21	38.97 1.14 0.34	42.03 1.21 -1.77	50.64 1.14 -11.50	52.28 1.33 -5.06	55.47 1.56 0.04	55.96 1.52 0.02	49.47 1.35 0.00	43.80 1.11 0.00	41.78 1.22 0.04	36.52 0.99 0.00	34.73 0.71 0.00
BETHPAGE_CC_5 323564	43.45 3.09 -9.21	42.51 2.49 -12.61	42.12 2.28 -13.05	40.97 2.26 -12.67	37.84 2.25 -9.67	34.52 2.18 -7.01	30.68 2.23 -2.75	34.48 2.35 -5.45	40.99 2.51 -11.12	42.50 3.07 -11.26	44.80 3.88 -7.78	70.09 3.97 -31.84	61.65 4.39 -22.09	81.95 4.85 -38.94	131.12 4.96 -87.12	164.60 4.83 -121.78	195.99 5.92 -144.18	213.87 6.91 -153.02	172.45 6.92 -111.08	79.69 5.92 -25.65	62.21 4.95 -14.57	71.33 4.87 -25.85	48.05 4.12 -8.41	44.53 3.67 -6.84
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.60 -0.56 0.00	26.51 -0.90 0.00	25.68 -1.13 0.00	24.89 -1.15 0.00	24.70 -1.22 0.00	24.14 -1.19 0.00	24.33 -1.36 0.00	25.65 -1.04 0.00	26.59 -0.77 0.00	26.99 -1.18 0.00	31.36 -1.79 0.00	33.49 -0.79 0.00	34.14 -1.02 0.00	37.02 -1.14 0.00	37.40 -1.91 -0.27	37.51 -2.05 -1.57	44.09 -2.48 -0.68	51.95 -2.00 0.00	52.55 -1.91 0.00	46.73 -1.40 0.00	41.66 -1.02 0.00	39.47 -1.14 0.00	35.24 -0.28 0.00	33.47 -0.54 0.00

BINGHAMTON___COGEN 23790	31.59 0.44 0.00	27.63 0.22 0.00	26.85 0.05 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.67 -0.03 0.00	26.79 0.11 0.00	27.63 0.27 0.00	28.43 0.25 0.00	33.67 0.20 -0.32	34.94 0.58 -0.08	35.85 0.60 -0.08	39.06 0.61 -0.28	40.23 0.39 -0.80	41.65 0.34 -3.31	48.03 0.46 -1.69	55.89 0.86 -1.08	56.57 0.93 -1.19	49.31 0.87 -0.32	43.83 0.77 -0.37	42.08 0.69 -0.78	36.55 0.78 -0.25	34.86 0.51 -0.33
BIXINCNT_115KV_LOAD 355685	30.78 -0.37 0.00	26.64 -0.77 0.00	25.76 -1.05 0.00	24.92 -1.12 0.00	24.72 -1.19 0.00	24.19 -1.14 0.00	24.36 -1.34 0.00	25.62 -1.07 0.00	26.53 -0.82 0.00	26.96 -1.21 0.00	31.39 -1.76 0.00	33.45 -0.82 0.00	34.18 -0.98 0.00	36.98 -1.18 0.00	36.99 -2.34 -0.29	37.15 -2.51 -1.67	43.71 -2.89 -0.72	52.01 -1.94 0.00	52.60 -1.85 0.00	46.82 -1.30 0.00	41.58 -1.11 0.00	39.51 -1.10 0.00	35.24 -0.28 0.00	33.50 -0.51 0.00
BLACK RIVER___HYD 24047	31.87 0.72 0.00	27.88 0.47 0.00	27.18 0.38 0.00	26.30 0.26 0.00	26.18 0.26 0.00	25.64 0.31 0.00	25.95 0.26 0.00	26.87 0.19 0.00	27.38 0.03 0.00	28.14 -0.03 0.00	33.62 -0.23 -0.71	34.15 -0.31 -0.18	35.21 -0.14 -0.19	38.52 -0.27 -0.62	39.33 -0.39 -0.68	38.88 -0.23 -1.11	46.86 -0.09 -1.06	57.08 0.75 -2.38	58.39 1.30 -2.63	50.14 1.30 -0.71	44.83 1.32 -0.82	43.60 1.26 -1.73	36.95 0.89 -0.54	35.49 0.75 -0.73
BLACKRVR_115KV_TB2 79977	31.87 0.72 0.00	27.88 0.47 0.00	27.18 0.38 0.00	26.30 0.26 0.00	26.18 0.26 0.00	25.64 0.30 0.00	25.95 0.26 0.00	26.87 0.19 0.00	27.46 0.11 0.00	28.14 -0.03 0.00	33.62 -0.23 -0.71	34.22 -0.24 -0.18	35.21 -0.14 -0.19	38.52 -0.27 -0.62	39.33 -0.39 -0.68	38.84 -0.27 -1.11	46.86 -0.09 -1.06	57.08 0.76 -2.38	58.44 1.36 -2.63	50.09 1.25 -0.71	44.83 1.32 -0.82	43.59 1.26 -1.73	36.95 0.89 -0.54	35.49 0.75 -0.73
BLISS_WT_PWR 323608	30.72 -0.44 0.00	26.56 -0.85 0.00	25.68 -1.12 0.00	24.84 -1.20 0.00	24.65 -1.27 0.00	24.12 -1.22 0.00	24.28 -1.41 0.00	25.54 -1.15 0.00	25.74 -1.61 0.00	26.85 -1.32 0.00	31.29 -1.86 0.00	32.60 -1.68 0.00	34.11 -1.05 0.00	36.87 -1.30 0.00	36.75 -2.58 -0.29	36.93 -2.74 -1.67	43.58 -3.03 -0.72	51.84 -2.10 0.00	52.01 -2.45 0.00	46.92 -1.20 0.00	41.24 -1.45 0.00	39.43 -1.18 0.00	35.13 -0.39 0.00	33.43 -0.58 0.00
BLUESTONE___WT_PWR 323821	33.43 2.27 0.00	29.22 1.81 0.00	28.33 1.53 0.00	27.44 1.40 0.00	27.34 1.42 0.00	26.78 1.44 0.00	27.19 1.49 0.00	28.31 1.63 0.00	28.88 1.53 0.00	30.03 1.86 0.00	35.45 2.02 -0.28	36.54 2.20 -0.07	37.84 2.60 -0.07	41.19 2.78 -0.24	42.46 2.62 -0.80	44.07 2.55 -3.53	50.85 3.21 -1.74	59.09 4.21 -0.93	59.89 4.41 -1.03	52.30 3.90 -0.28	46.38 3.37 -0.32	44.49 3.21 -0.68	38.54 2.81 -0.21	36.64 2.35 -0.29
BLUE_CIRC_CHEM_DRP 24182	32.12 0.97 0.00	28.31 0.90 0.00	27.55 0.75 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.09 0.76 0.00	26.42 0.72 0.00	27.30 0.61 0.00	28.17 0.82 0.00	29.05 0.87 0.00	34.14 0.99 0.00	35.16 0.99 0.10	36.14 1.13 0.15	39.15 1.22 0.24	42.16 1.25 -1.86	50.85 1.22 -11.64	52.40 1.42 -5.09	55.64 1.73 0.03	56.18 1.74 0.02	49.71 1.59 0.00	44.05 1.37 0.00	42.08 1.50 0.03	36.80 1.28 0.00	35.03 1.02 0.00
BOC_GAS_DRP 24189	31.97 0.81 0.00	28.10 0.69 0.00	27.39 0.59 0.00	26.66 0.62 0.00	26.56 0.65 0.00	25.94 0.61 0.00	26.26 0.57 0.00	27.22 0.53 0.00	28.09 0.74 0.00	28.99 0.82 0.00	34.18 1.03 0.00	35.27 1.10 0.10	36.25 1.23 0.14	39.27 1.34 0.23	42.31 1.37 -1.90	51.13 1.29 -11.84	52.62 1.56 -5.17	55.75 1.83 0.03	56.24 1.80 0.02	49.71 1.59 0.00	44.01 1.32 0.00	41.96 1.38 0.03	36.69 1.17 0.00	34.93 0.92 0.00
BOONVILLE_115KV_TB1 79983	32.09 0.93 0.00	28.10 0.69 0.00	27.39 0.59 0.00	26.56 0.52 0.00	26.46 0.54 0.00	25.87 0.53 0.00	26.24 0.54 0.00	27.22 0.53 0.00	27.93 0.57 0.00	28.68 0.51 0.00	33.88 0.53 -0.20	34.98 0.65 -0.05	35.92 0.70 -0.05	39.07 0.73 -0.17	39.96 0.70 -0.22	39.18 0.72 -0.46	47.22 0.96 -0.36	56.40 1.78 -0.67	57.21 2.01 -0.74	50.01 1.68 -0.20	44.46 1.54 -0.23	42.56 1.46 -0.49	36.77 1.10 -0.15	35.21 0.99 -0.21
BORALEX_4TH_BRANCH 23824	32.71 1.56 0.00	28.73 1.32 0.00	28.03 1.23 0.00	27.26 1.22 0.00	27.24 1.32 0.00	26.57 1.24 0.00	26.85 1.16 0.00	27.78 1.09 0.00	28.75 1.39 0.00	29.69 1.52 0.00	34.97 1.82 0.00	35.86 1.99 0.40	36.74 2.14 0.57	39.57 2.33 0.93	42.45 2.38 -1.03	49.74 2.36 -9.39	53.09 2.85 -4.36	57.23 3.40 0.12	57.77 3.38 0.06	51.11 2.98 0.00	45.33 2.65 0.00	42.89 2.40 0.12	37.62 2.10 0.00	35.71 1.70 0.00
BOWLINE___1 23526	33.43 2.27 0.00	29.22 1.81 0.00	28.41 1.61 0.00	27.62 1.59 0.00	27.50 1.58 0.00	26.85 1.52 0.00	27.24 1.54 0.00	28.31 1.63 0.00	29.16 1.80 0.00	30.48 2.31 0.00	36.13 2.98 0.00	37.50 3.05 -0.18	38.86 3.45 -0.25	42.35 3.78 -0.41	45.11 3.90 -2.17	52.74 3.76 -10.98	55.15 4.68 -4.58	59.45 5.45 -0.05	59.93 5.44 -0.03	52.70 4.57 0.00	46.53 3.84 0.00	44.39 3.73 -0.05	38.68 3.16 0.00	36.74 2.72 0.00
BOWLINE___2 23595	33.43 2.27 0.00	29.22 1.81 0.00	28.41 1.61 0.00	27.62 1.59 0.00	27.50 1.58 0.00	26.85 1.52 0.00	27.24 1.54 0.00	28.31 1.63 0.00	29.16 1.80 0.00	30.48 2.31 0.00	36.13 2.98 0.00	37.50 3.05 -0.18	38.86 3.45 -0.25	42.35 3.78 -0.41	45.12 3.90 -2.17	52.74 3.76 -10.98	55.15 4.68 -4.58	59.45 5.45 -0.05	59.93 5.44 -0.03	52.70 4.57 0.00	46.53 3.84 0.00	44.39 3.73 -0.05	38.68 3.16 0.00	36.74 2.72 0.00
BRADY___115KV_TB2 356060	30.50 -0.65 0.00	26.97 -0.44 0.00	26.56 -0.24 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.03 -0.30 0.00	25.49 -0.21 0.00	26.34 -0.35 0.00	26.61 -0.74 0.00	27.44 -0.73 0.00	32.12 -1.03 0.00	32.87 -1.41 0.00	33.65 -1.51 0.00	36.56 -1.60 0.00	37.48 -1.56 0.00	36.55 -1.44 0.00	44.19 -1.70 0.00	52.06 -1.89 0.00	52.55 -1.91 0.00	46.58 -1.54 0.00	41.62 -1.07 0.00	39.35 -1.26 0.00	34.31 -1.21 0.00	33.26 -0.75 0.00
BRANSCOMB___SOLAR 323811	32.93 1.77 0.00	28.92 1.51 0.00	28.11 1.31 0.00	27.31 1.28 0.00	27.21 1.30 0.00	26.60 1.27 0.00	26.93 1.23 0.00	27.86 1.17 0.00	28.75 1.39 0.00	29.78 1.61 0.00	35.04 1.89 0.00	36.05 1.99 0.21	37.05 2.18 0.29	40.02 2.33 0.48	43.09 2.38 -1.67	51.78 2.40 -11.39	53.89 2.94 -5.06	57.45 3.56 0.06	58.18 3.75 0.03	51.44 3.32 0.00	45.59 2.90 0.00	43.27 2.72 0.06	37.83 2.31 0.00	35.88 1.87 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.83 3.46 -9.21	42.87 2.85 -12.61	42.42 2.57 -13.05	41.23 2.53 -12.67	38.10 2.51 -9.67	34.77 2.43 -7.01	30.94 2.49 -2.75	34.75 2.62 -5.45	41.48 3.01 -11.12	42.78 3.35 -11.26	45.07 4.14 -7.77	70.50 4.39 -31.84	61.90 4.64 -22.09	81.99 4.89 -38.94	131.20 5.04 -87.12	163.87 4.86 -121.01	196.04 5.97 -144.18	225.88 7.01 -164.92	172.56 7.02 -111.08	90.89 6.02 -36.75	62.30 5.04 -14.57	71.41 4.95 -25.85	48.43 4.48 -8.44	44.83 3.98 -6.84

BRISTLHL_115KV_TB1 79998	30.88 -0.28 0.00	27.14 -0.27 0.00	26.40 -0.40 0.00	25.65 -0.39 0.00	25.53 -0.39 0.00	24.98 -0.35 0.00	25.31 -0.39 0.00	26.37 -0.32 0.00	27.13 -0.22 0.00	27.83 -0.34 0.00	34.24 -0.46 -1.55	34.44 -0.24 -0.41	35.36 -0.21 -0.41	39.22 -0.31 -1.36	40.14 -0.35 -1.45	39.78 -0.38 -2.16	47.64 -0.46 -2.21	58.63 -0.54 -5.23	59.80 -0.44 -5.78	49.31 -0.38 -1.57	44.19 -0.30 -1.80	44.13 -0.28 -3.80	36.54 -0.18 -1.20	35.25 -0.37 -1.61
BROOKHAVEN___DRP 24191	43.73 3.36 -9.21	42.76 2.74 -12.61	42.28 2.44 -13.05	41.10 2.40 -12.67	37.97 2.38 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.32 2.84 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.77	70.61 4.49 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.02 5.13 -120.89	196.41 6.33 -144.19	275.16 7.50 -213.72	173.06 7.51 -111.09	136.78 6.40 -82.26	62.65 5.38 -14.58	71.74 5.28 -25.86	48.30 4.37 -8.41	44.76 3.91 -6.84
BROOKLYN_NAVY_YARD 23515	34.05 2.90 0.00	29.71 2.30 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.92 0.00	27.70 2.01 0.00	28.82 2.14 0.00	29.68 2.32 0.00	31.10 2.93 0.00	39.03 3.71 -2.17	43.93 3.84 -5.82	46.48 4.25 -7.06	49.90 4.65 -7.08	52.51 4.72 -8.75	56.13 4.56 -13.57	57.84 5.55 -6.40	60.42 6.42 -0.06	60.91 6.42 -0.03	53.61 5.48 0.00	47.34 4.65 0.00	45.33 4.67 -0.06	39.50 3.98 0.00	37.48 3.47 0.00
BROOKLYN___ARMY_DRP 323595	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
BROOKVLE_69_KV_TB1 55790	43.79 3.43 -9.21	42.84 2.82 -12.61	42.39 2.55 -13.05	41.18 2.47 -12.67	38.05 2.46 -9.67	34.70 2.36 -7.01	30.87 2.42 -2.75	34.69 2.56 -5.45	41.46 2.98 -11.12	42.81 3.38 -11.26	45.20 4.28 -7.77	70.67 4.56 -31.84	62.07 4.82 -22.09	82.45 5.34 -38.94	131.63 5.47 -87.12	167.63 5.32 -124.31	196.54 6.47 -144.18	213.33 7.55 -151.83	173.00 7.46 -111.08	79.06 6.40 -24.54	62.60 5.34 -14.57	71.73 5.28 -25.85	48.51 4.58 -8.41	44.90 4.05 -6.84
BROOME_2_LFGE 323671	31.59 0.44 0.00	27.63 0.22 0.00	26.85 0.05 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.67 -0.03 0.00	26.79 0.11 0.00	27.35 0.00 0.00	28.43 0.25 0.00	33.67 0.20 -0.32	34.67 0.31 -0.08	35.84 0.60 -0.08	39.06 0.61 -0.28	40.19 0.35 -0.80	41.64 0.34 -3.31	48.03 0.46 -1.69	55.89 0.86 -1.08	56.46 0.82 -1.19	49.36 0.91 -0.32	43.79 0.72 -0.37	42.08 0.69 -0.78	36.55 0.78 -0.25	34.86 0.51 -0.33
BROOME___LFGE 323600	31.59 0.44 0.00	27.63 0.22 0.00	26.85 0.05 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.67 -0.03 0.00	26.79 0.11 0.00	27.35 0.00 0.00	28.43 0.25 0.00	33.67 0.20 -0.32	34.67 0.31 -0.08	35.84 0.60 -0.08	39.06 0.61 -0.28	40.19 0.35 -0.80	41.64 0.34 -3.31	48.03 0.46 -1.69	55.89 0.86 -1.08	56.46 0.82 -1.19	49.36 0.91 -0.32	43.79 0.72 -0.37	42.08 0.69 -0.78	36.55 0.78 -0.25	34.86 0.51 -0.33
BROWNFLS_115KV_TB_3_5 80003	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.83 -0.52 0.00	27.58 -0.59 0.00	32.60 -0.83 -0.28	33.32 -1.03 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.97 -0.54 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
BROWNSV1_27_KV_LOAD 356125	34.33 3.18 0.00	30.01 2.60 0.00	29.11 2.30 0.00	28.28 2.24 0.00	28.15 2.23 0.00	27.46 2.13 0.00	27.91 2.21 0.00	29.06 2.38 0.00	30.14 2.79 0.00	31.36 3.18 0.00	39.37 4.04 -2.17	44.44 4.35 -5.82	46.86 4.64 -7.06	50.32 5.08 -7.08	52.98 5.19 -8.75	54.46 4.98 -11.48	58.34 6.06 -6.40	61.07 7.07 -0.06	61.45 6.97 -0.03	54.14 6.02 0.00	47.77 5.08 0.00	45.78 5.12 -0.06	39.85 4.33 0.00	37.86 3.84 0.00
BURROWS___LYONSDAL 23803	32.03 0.87 0.00	28.01 0.60 0.00	27.31 0.51 0.00	26.45 0.42 0.00	26.36 0.44 0.00	25.76 0.43 0.00	26.13 0.44 0.00	27.09 0.40 0.00	27.79 0.44 0.00	28.51 0.34 0.00	33.69 0.30 -0.24	34.71 0.38 -0.06	35.65 0.42 -0.06	38.80 0.42 -0.21	39.69 0.39 -0.26	38.93 0.42 -0.51	46.95 0.64 -0.42	56.33 1.56 -0.81	57.15 1.80 -0.90	49.95 1.59 -0.24	44.42 1.45 -0.28	42.58 1.38 -0.59	36.67 0.96 -0.19	35.18 0.92 -0.25
CAITHNESS_CC_1 323624	43.67 3.30 -9.21	42.71 2.69 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.64 3.21 -11.26	44.97 4.04 -7.78	70.37 4.25 -31.85	61.90 4.64 -22.09	82.19 5.08 -38.95	131.40 5.23 -87.13	163.94 5.05 -120.89	196.27 6.19 -144.19	274.58 7.28 -213.35	172.89 7.35 -111.09	136.35 6.30 -81.92	62.56 5.29 -14.58	71.62 5.16 -25.86	48.26 4.33 -8.41	44.73 3.88 -6.84
CALPINE BETH_PAGE_GT4 24209	43.51 3.15 -9.21	42.62 2.60 -12.61	42.18 2.33 -13.05	41.00 2.29 -12.67	37.87 2.28 -9.67	34.55 2.20 -7.01	30.71 2.26 -2.75	34.51 2.38 -5.45	41.24 2.76 -11.12	42.56 3.13 -11.26	44.77 3.85 -7.77	70.23 4.11 -31.84	61.65 4.40 -22.09	81.95 4.85 -38.94	131.16 5.00 -87.12	165.05 4.83 -122.23	195.99 5.92 -144.18	213.65 6.96 -152.74	172.40 6.86 -111.08	79.38 5.87 -25.39	62.17 4.91 -14.57	71.33 4.87 -25.85	48.05 4.12 -8.41	44.59 3.74 -6.84
CALPINE_BETH_PAGE_GT_4 323586	43.51 3.15 -9.21	42.57 2.55 -12.61	42.18 2.33 -13.05	41.00 2.29 -12.67	37.87 2.28 -9.67	34.55 2.20 -7.01	30.71 2.26 -2.75	34.51 2.37 -5.45	41.05 2.57 -11.12	42.55 3.13 -11.26	44.87 3.94 -7.78	70.09 3.97 -31.84	61.65 4.39 -22.09	81.95 4.85 -38.94	131.16 5.00 -87.12	165.05 4.83 -122.23	195.99 5.92 -144.18	213.65 6.96 -152.74	172.45 6.92 -111.08	79.43 5.92 -25.39	62.21 4.95 -14.57	71.33 4.87 -25.85	48.05 4.12 -8.41	44.60 3.74 -6.84
CALPINE_BP_GT1 23823	43.51 3.15 -9.21	42.57 2.55 -12.61	42.18 2.33 -13.05	41.00 2.29 -12.67	37.87 2.28 -9.67	34.55 2.20 -7.01	30.71 2.26 -2.75	34.51 2.37 -5.45	41.05 2.57 -11.12	42.55 3.13 -11.26	44.87 3.94 -7.78	70.09 3.97 -31.84	61.65 4.39 -22.09	81.95 4.85 -38.94	131.16 5.00 -87.12	165.05 4.83 -122.23	195.99 5.92 -144.18	213.65 6.96 -152.74	172.45 6.92 -111.08	79.43 5.92 -25.39	62.21 4.95 -14.57	71.33 4.87 -25.85	48.05 4.12 -8.41	44.60 3.74 -6.84
CALSPAN___DRP 24200	30.47 -0.69 0.00	26.42 -0.99 0.00	25.59 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.57 -1.12 0.00	26.50 -0.85 0.00	26.88 -1.30 0.00	31.26 -1.89 0.00	33.35 -0.93 0.00	34.00 -1.16 0.00	36.87 -1.30 0.00	37.40 -1.91 -0.27	37.49 -2.05 -1.55	44.03 -2.52 -0.67	51.68 -2.27 0.00	52.33 -2.12 0.00	46.53 -1.59 0.00	41.49 -1.20 0.00	39.35 -1.26 0.00	35.09 -0.43 0.00	33.37 -0.65 0.00

CALVERTON___SOLAR 323806	43.79 3.43 -9.21	42.79 2.77 -12.61	42.34 2.49 -13.05	41.13 2.42 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.79 2.34 -2.75	34.61 2.48 -5.45	41.16 2.68 -11.12	42.69 3.27 -11.26	45.13 4.21 -7.78	70.58 4.45 -31.85	62.11 4.85 -22.09	82.45 5.34 -38.95	131.68 5.51 -87.13	164.21 5.32 -120.89	196.64 6.56 -144.19	275.59 7.77 -213.87	173.39 7.84 -111.09	137.21 6.69 -82.40	62.86 5.59 -14.58	71.91 5.44 -25.86	48.41 4.48 -8.41	44.83 3.98 -6.84
CANDIGU_WT_PWR 323617	31.00 -0.16 0.00	26.92 -0.49 0.00	26.00 -0.80 0.00	25.20 -0.83 0.00	25.01 -0.91 0.00	24.47 -0.86 0.00	24.72 -0.98 0.00	25.94 -0.75 0.00	26.26 -1.09 0.00	27.35 -0.82 0.00	32.07 -1.26 -0.18	33.16 -1.17 -0.05	34.44 -0.77 -0.05	37.41 -0.92 -0.16	38.07 -1.48 -0.51	38.70 -1.52 -2.22	45.25 -1.74 -1.10	53.03 -1.51 -0.60	53.53 -1.58 -0.66	47.48 -0.82 -0.18	42.08 -0.81 -0.21	40.35 -0.69 -0.43	35.66 0.00 -0.14	33.89 -0.31 -0.18
CARR STREET_E_SYR 24060	30.97 -0.19 0.00	27.19 -0.22 0.00	26.48 -0.32 0.00	25.72 -0.31 0.00	25.58 -0.34 0.00	25.06 -0.28 0.00	25.39 -0.31 0.00	26.45 -0.24 0.00	27.05 -0.30 0.00	27.95 -0.23 0.00	33.32 -0.30 -0.47	34.19 -0.20 -0.12	35.29 0.00 -0.12	38.54 -0.04 -0.41	39.46 -0.12 -0.54	39.07 -0.15 -1.23	46.53 -0.27 -0.91	55.20 -0.32 -1.57	55.81 -0.38 -1.74	48.35 -0.24 -0.47	42.98 -0.25 -0.54	41.55 -0.20 -1.14	35.88 0.00 -0.36	34.26 -0.24 -0.48
CARTHAGE___PAPER 23857	31.69 0.53 0.00	27.74 0.33 0.00	27.04 0.24 0.00	26.19 0.16 0.00	26.07 0.16 0.00	25.49 0.15 0.00	25.85 0.16 0.00	26.74 0.05 0.00	27.27 -0.08 0.00	27.95 -0.23 0.00	33.31 -0.43 -0.59	33.92 -0.51 -0.16	34.86 -0.46 -0.16	38.12 -0.57 -0.52	38.96 -0.66 -0.58	38.46 -0.50 -0.96	46.42 -0.37 -0.90	56.49 0.54 -2.00	57.70 1.03 -2.21	49.78 1.06 -0.60	44.49 1.11 -0.69	43.08 1.02 -1.46	36.58 0.60 -0.46	35.21 0.58 -0.62
CASSADAGA_WT_PWR 323784	30.94 -0.22 0.00	26.61 -0.80 0.00	25.60 -1.21 0.00	24.76 -1.28 0.00	24.52 -1.40 0.00	23.92 -1.42 0.00	24.05 -1.65 0.00	25.35 -1.33 0.00	25.49 -1.86 0.00	27.16 -1.01 0.00	31.62 -1.52 0.00	32.90 -1.37 0.00	34.39 -0.77 0.00	37.29 -0.88 0.00	37.57 -1.76 -0.29	37.70 -1.94 -1.64	44.49 -2.11 -0.71	52.55 -1.40 0.00	52.01 -2.45 0.00	47.02 -1.10 0.00	41.45 -1.24 0.00	39.55 -1.06 0.00	35.31 -0.21 0.00	33.50 -0.51 0.00
CE_DUNWOOD___DRP 24194	33.65 2.49 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.71 1.79 0.00	27.03 1.70 0.00	27.44 1.75 0.00	28.55 1.87 0.00	29.57 2.22 0.00	30.74 2.56 0.00	36.40 3.25 0.00	37.96 3.50 -0.19	45.98 3.76 -7.06	49.36 4.12 -7.07	52.04 4.26 -8.74	53.55 4.10 -11.45	57.32 5.05 -6.38	59.88 5.88 -0.06	60.31 5.83 -0.03	53.08 4.96 0.00	46.83 4.14 0.00	44.76 4.10 -0.05	39.00 3.48 0.00	37.01 2.99 0.00
CE_MILLWOOD___DRP 24193	33.59 2.43 0.00	29.38 1.97 0.00	28.54 1.74 0.00	27.75 1.72 0.00	27.63 1.71 0.00	26.98 1.65 0.00	27.37 1.67 0.00	28.47 1.79 0.00	29.51 2.16 0.00	30.65 2.48 0.00	36.30 3.15 0.00	37.86 3.39 -0.19	45.88 3.66 -7.06	49.24 4.01 -7.07	51.91 4.14 -8.73	53.38 3.99 -11.39	57.20 4.96 -6.36	59.78 5.77 -0.05	60.20 5.72 -0.03	52.98 4.86 0.00	46.70 4.01 0.00	44.64 3.98 -0.05	38.90 3.37 0.00	36.90 2.89 0.00
CE_NYC2_DRP 24202	34.12 2.96 -0.01	29.83 2.41 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.02 2.10 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.96 2.60 -0.01	32.03 2.96 -0.90	39.14 3.75 -2.25	44.32 4.04 -6.00	46.52 4.29 -7.07	49.94 4.69 -7.08	52.59 4.80 -8.75	54.08 4.60 -11.48	57.70 5.41 -6.40	60.21 6.20 -0.06	60.58 6.10 -0.03	53.56 5.44 0.00	47.30 4.61 0.00	45.42 4.75 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
CE_NYC_DRP 24195	34.02 2.87 0.00	29.77 2.36 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.70 2.00 0.00	28.82 2.13 0.00	29.90 2.54 0.00	31.07 2.90 0.00	38.99 3.68 -2.16	44.03 3.98 -5.78	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.84 5.55 -6.40	60.42 6.42 -0.06	60.80 6.32 -0.03	53.56 5.44 0.00	47.26 4.57 0.00	45.29 4.63 -0.06	39.46 3.94 0.00	37.48 3.47 0.00
CHAFFEE___LFGE 323603	30.56 -0.59 0.00	26.48 -0.93 0.00	25.65 -1.15 0.00	24.84 -1.20 0.00	24.67 -1.24 0.00	24.12 -1.22 0.00	24.31 -1.39 0.00	25.65 -1.04 0.00	25.77 -1.59 0.00	26.96 -1.21 0.00	31.36 -1.79 0.00	32.66 -1.61 0.00	34.14 -1.02 0.00	37.02 -1.14 0.00	37.37 -1.95 -0.28	37.51 -2.09 -1.61	44.15 -2.43 -0.69	51.95 -2.00 0.00	52.12 -2.34 0.00	47.02 -1.10 0.00	41.45 -1.24 0.00	39.51 -1.09 0.00	35.24 -0.29 0.00	33.47 -0.55 0.00
CHATEAUG_35_KV_LOAD 355732	30.56 -0.59 0.00	27.00 -0.41 0.00	26.61 -0.19 0.00	25.83 -0.21 0.00	25.66 -0.26 0.00	25.03 -0.30 0.00	25.46 -0.23 0.00	26.34 -0.35 0.00	26.61 -0.74 0.00	27.44 -0.73 0.00	32.12 -1.03 0.00	32.83 -1.44 0.00	33.55 -1.62 0.00	36.45 -1.72 0.00	37.32 -1.72 0.00	36.40 -1.60 0.00	43.96 -1.93 0.00	51.74 -2.21 0.00	52.22 -2.23 0.00	46.39 -1.73 0.00	41.45 -1.24 0.00	39.19 -1.42 0.00	34.28 -1.24 0.00	33.26 -0.75 0.00
CHATEAUG_WT_PWR 323614	30.63 -0.53 0.00	27.08 -0.33 0.00	26.64 -0.16 0.00	25.86 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.97 -0.38 0.00	27.53 -0.65 0.00	32.22 -0.93 0.00	33.21 -1.06 0.00	33.69 -1.48 0.00	36.56 -1.60 0.00	37.40 -1.64 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.84 -2.10 0.00	52.33 -2.12 0.00	46.49 -1.64 0.00	41.49 -1.20 0.00	39.27 -1.34 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
CHAT_HIGH_FALL_HYD 323578	30.56 -0.59 0.00	27.00 -0.41 0.00	26.61 -0.19 0.00	25.83 -0.21 0.00	25.66 -0.26 0.00	25.03 -0.30 0.00	25.46 -0.23 0.00	26.34 -0.35 0.00	26.61 -0.74 0.00	27.44 -0.73 0.00	32.12 -1.03 0.00	32.83 -1.44 0.00	33.55 -1.62 0.00	36.45 -1.72 0.00	37.32 -1.72 0.00	36.40 -1.60 0.00	43.96 -1.93 0.00	51.74 -2.21 0.00	52.22 -2.23 0.00	46.39 -1.73 0.00	41.45 -1.24 0.00	39.19 -1.42 0.00	34.28 -1.24 0.00	33.26 -0.75 0.00
CHAUTAUQUA___LFGE 323629	30.81 -0.34 0.00	26.64 -0.77 0.00	25.73 -1.07 0.00	24.94 -1.09 0.00	24.73 -1.19 0.00	24.14 -1.19 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	25.79 -1.56 0.00	27.16 -1.01 0.00	31.62 -1.52 0.00	32.90 -1.37 0.00	34.36 -0.81 0.00	37.25 -0.92 0.00	37.68 -1.64 -0.28	37.82 -1.79 -1.61	44.61 -1.97 -0.69	52.38 -1.57 0.00	52.39 -2.07 0.00	47.26 -0.86 0.00	41.71 -0.98 0.00	39.75 -0.85 0.00	35.45 -0.07 0.00	33.67 -0.34 0.00
CHERRYST_13_KV_LD 356241	34.15 2.99 0.00	29.85 2.44 0.00	28.94 2.14 0.00	28.15 2.11 0.00	28.02 2.10 0.00	27.36 2.03 0.00	27.78 2.08 0.00	28.93 2.24 0.00	30.01 2.65 0.00	31.19 3.01 0.00	39.15 3.85 -2.16	44.20 4.15 -5.78	46.62 4.40 -7.06	50.06 4.81 -7.08	52.71 4.92 -8.75	54.23 4.75 -11.48	58.07 5.78 -6.40	60.69 6.69 -0.06	61.07 6.59 -0.03	53.80 5.68 0.00	47.47 4.78 0.00	45.49 4.83 -0.06	39.61 4.08 0.00	37.62 3.61 0.00

CHESTROR_138KV_BK263 355645	33.15 1.99 0.00	29.03 1.62 0.00	28.19 1.39 0.00	27.42 1.38 0.00	27.29 1.37 0.00	26.65 1.32 0.00	27.03 1.34 0.00	28.07 1.39 0.00	29.05 1.70 0.00	30.15 1.97 0.00	35.70 2.55 0.00	37.17 2.74 -0.16	38.34 2.95 -0.22	41.81 3.28 -0.36	44.46 3.40 -2.02	51.56 3.27 -10.30	54.28 4.08 -4.30	58.74 4.75 -0.05	59.16 4.68 -0.02	52.12 3.99 0.00	46.02 3.33 0.00	43.90 3.25 -0.05	38.26 2.74 0.00	36.33 2.31 0.00
CH_MIDHUDSON___DRP 24192	33.40 2.24 0.00	29.25 1.84 0.00	28.41 1.61 0.00	27.65 1.61 0.00	27.55 1.63 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.29 1.60 0.00	29.32 1.97 0.00	30.43 2.25 0.00	36.03 2.88 0.00	37.53 3.12 -0.13	38.73 3.38 -0.19	42.18 3.70 -0.31	45.06 3.87 -2.15	52.97 3.72 -11.25	55.26 4.63 -4.73	59.38 5.39 -0.04	59.81 5.34 -0.02	52.64 4.52 0.00	46.44 3.76 0.00	44.34 3.70 -0.04	38.61 3.09 0.00	36.60 2.58 0.00
CH_MISC_IPPS 23765	33.65 2.49 0.00	29.41 2.00 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.70 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.35 2.00 0.00	30.65 2.48 0.00	36.36 3.21 0.00	37.75 3.32 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.18 -4.67	60.03 6.04 -0.04	60.52 6.04 -0.02	53.17 5.05 0.00	46.92 4.23 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00
CH_RES_BVR_FALLS 23983	30.69 -0.47 0.00	27.03 -0.38 0.00	26.45 -0.35 0.00	25.70 -0.34 0.00	25.55 -0.36 0.00	24.98 -0.35 0.00	25.34 -0.36 0.00	26.29 -0.40 0.00	26.94 -0.41 0.00	27.67 -0.51 0.00	32.52 -0.63 0.00	33.59 -0.69 0.00	34.32 -0.84 0.00	37.25 -0.92 0.00	38.15 -0.90 0.00	37.16 -0.84 0.00	44.88 -1.01 0.00	52.76 -1.19 0.00	53.26 -1.20 0.00	47.11 -1.01 0.00	41.88 -0.81 0.00	39.83 -0.77 0.00	34.84 -0.68 0.00	33.54 -0.48 0.00
CH_RES_NIAGARA 23895	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	25.55 -1.81 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.98 -2.30 0.00	32.53 -2.64 0.00	35.27 -2.90 0.00	36.28 -3.01 -0.25	36.34 -3.08 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.99 -4.47 0.00	44.42 -3.71 0.00	39.74 -2.95 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
CH_RES_SYRACUSE 23985	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.24 -0.11 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.57 0.07 -0.22	35.64 0.25 -0.23	39.15 0.23 -0.75	40.09 0.16 -0.89	39.81 0.11 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.76 0.11 -3.20	49.14 0.14 -0.87	43.81 0.13 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
CLINTON_WT_PWR 323605	30.63 -0.53 0.00	27.08 -0.33 0.00	26.64 -0.16 0.00	25.86 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.97 -0.38 0.00	27.53 -0.65 0.00	32.22 -0.93 0.00	33.21 -1.06 0.00	33.69 -1.48 0.00	36.56 -1.60 0.00	37.40 -1.64 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.84 -2.10 0.00	52.33 -2.12 0.00	46.49 -1.64 0.00	41.49 -1.20 0.00	39.27 -1.34 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
CLINTON___LFGE 323618	30.91 -0.25 0.00	27.33 -0.08 0.00	26.88 0.08 0.00	26.06 0.03 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.75 0.05 0.00	26.63 -0.05 0.00	27.19 -0.16 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.45 -0.82 0.00	33.93 -1.23 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.82 -1.18 0.00	44.47 -1.42 0.00	52.38 -1.57 0.00	52.82 -1.63 0.00	46.97 -1.16 0.00	42.05 -0.64 0.00	39.67 -0.93 0.00	34.63 -0.89 0.00	33.61 -0.41 0.00
COBBLENY_34_KV_TB1 80064	30.56 -0.59 0.00	26.48 -0.93 0.00	25.65 -1.15 0.00	24.84 -1.20 0.00	24.67 -1.24 0.00	24.12 -1.22 0.00	24.31 -1.39 0.00	25.65 -1.04 0.00	26.56 -0.79 0.00	26.96 -1.21 0.00	31.36 -1.79 0.00	33.49 -0.79 0.00	34.14 -1.02 0.00	37.02 -1.14 0.00	37.49 -1.83 -0.28	37.63 -1.98 -1.61	44.15 -2.43 -0.69	51.95 -2.00 0.00	52.60 -1.85 0.00	46.77 -1.35 0.00	41.66 -1.02 0.00	39.51 -1.10 0.00	35.24 -0.28 0.00	33.47 -0.54 0.00
COFFEEN___115KV_TB3 355620	32.15 1.00 0.00	28.12 0.71 0.00	27.39 0.59 0.00	26.50 0.47 0.00	26.38 0.47 0.00	25.84 0.51 0.00	26.16 0.46 0.00	27.06 0.37 0.00	27.65 0.30 0.00	28.31 0.14 0.00	33.87 0.00 -0.73	34.46 0.00 -0.19	35.46 0.11 -0.19	38.76 -0.04 -0.64	39.59 -0.16 -0.70	39.14 0.00 -1.14	47.21 0.23 -1.09	57.58 1.19 -2.44	59.01 1.85 -2.70	50.59 1.73 -0.74	45.28 1.75 -0.84	44.05 1.66 -1.78	37.29 1.21 -0.56	35.79 1.02 -0.75
COLDSPRG_115KV_BK1 355956	31.31 0.16 0.00	27.03 -0.38 0.00	26.10 -0.70 0.00	25.26 -0.78 0.00	25.04 -0.88 0.00	24.45 -0.89 0.00	24.62 -1.08 0.00	25.97 -0.72 0.00	26.86 -0.49 0.00	27.58 -0.59 0.00	32.15 -0.99 0.00	34.21 -0.07 0.00	34.92 -0.25 0.00	37.86 -0.31 0.00	37.85 -1.48 -0.29	38.02 -1.67 -1.70	44.79 -1.84 -0.73	53.35 -0.59 0.00	53.64 -0.82 0.00	47.78 -0.34 0.00	42.47 -0.21 0.00	40.28 -0.32 0.00	35.91 0.39 0.00	34.12 0.10 0.00
COLONIE_LFGE___ 323577	32.46 1.31 0.00	28.51 1.10 0.00	27.79 0.99 0.00	27.03 0.99 0.00	26.95 1.04 0.00	26.32 0.99 0.00	26.65 0.95 0.00	27.57 0.88 0.00	28.39 1.04 0.00	29.44 1.27 0.00	34.71 1.56 0.00	35.64 1.61 0.24	36.65 1.83 0.34	39.59 1.98 0.56	42.61 2.03 -1.54	50.91 1.97 -10.94	53.17 2.38 -4.90	56.74 2.86 0.07	57.36 2.94 0.04	50.62 2.50 0.00	44.91 2.22 0.00	42.61 2.07 0.07	37.30 1.78 0.00	35.44 1.43 0.00
COOPERNY_115KV_TB1 80082	32.62 1.46 0.00	28.59 1.18 0.00	27.82 1.02 0.00	27.03 0.99 0.00	26.90 0.98 0.00	26.27 0.94 0.00	26.65 0.95 0.00	27.70 1.01 0.00	28.61 1.26 0.00	29.64 1.46 0.00	35.00 1.86 0.00	36.39 2.02 -0.10	37.48 2.18 -0.14	40.79 2.40 -0.22	42.96 2.46 -1.45	47.94 2.39 -7.55	52.00 2.94 -3.17	57.48 3.51 -0.03	57.90 3.43 -0.01	51.06 2.94 0.00	45.12 2.43 0.00	43.03 2.40 -0.03	37.58 2.06 0.00	35.71 1.70 0.00
COPENHAGEN_WT_PWR 323753	31.78 0.62 0.00	27.79 0.38 0.00	27.10 0.30 0.00	26.22 0.18 0.00	26.10 0.18 0.00	25.56 0.23 0.00	25.90 0.20 0.00	26.82 0.13 0.00	27.35 0.00 0.00	28.09 -0.08 0.00	33.64 -0.27 -0.76	34.16 -0.31 -0.20	35.19 -0.17 -0.20	38.53 -0.31 -0.67	39.35 -0.43 -0.73	38.92 -0.26 -1.19	46.89 -0.14 -1.14	57.10 0.59 -2.56	58.38 1.09 -2.83	50.00 1.11 -0.77	44.73 1.15 -0.88	43.57 1.10 -1.86	36.89 0.78 -0.59	35.42 0.61 -0.79
CORNELL_____ 23752	32.03 0.87 0.00	28.04 0.63 0.00	27.23 0.43 0.00	26.43 0.39 0.00	26.28 0.36 0.00	25.74 0.41 0.00	26.08 0.39 0.00	27.19 0.51 0.00	27.95 0.60 0.00	28.74 0.56 0.00	34.09 0.50 -0.45	35.25 0.86 -0.12	36.16 0.88 -0.12	39.47 0.92 -0.39	40.58 0.78 -0.76	41.33 0.76 -2.57	48.37 1.01 -1.47	56.91 1.46 -1.50	57.86 1.74 -1.66	50.16 1.59 -0.45	44.66 1.45 -0.52	43.04 1.34 -1.10	37.18 1.31 -0.34	35.40 0.92 -0.46

CORONA_69_KV_TB1 355595	43.67 3.30 -9.21	42.73 2.71 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.97 2.38 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.32 2.84 -11.12	42.64 3.21 -11.26	45.03 4.11 -7.77	70.57 4.46 -31.84	61.97 4.71 -22.09	82.18 5.08 -38.94	131.32 5.15 -87.12	171.11 4.98 -128.14	196.18 6.10 -144.18	212.90 7.12 -151.83	172.62 7.08 -111.08	78.82 6.16 -24.54	62.55 5.29 -14.57	71.69 5.24 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
CORTLAND_115KV_TB3 80093	31.84 0.69 0.00	27.90 0.49 0.00	27.12 0.32 0.00	26.32 0.29 0.00	26.18 0.26 0.00	25.64 0.30 0.00	25.98 0.28 0.00	27.06 0.37 0.00	27.84 0.49 0.00	28.62 0.45 0.00	34.02 0.43 -0.44	35.14 0.75 -0.12	36.05 0.77 -0.12	39.36 0.80 -0.39	40.43 0.66 -0.72	41.03 0.65 -2.39	48.15 0.87 -1.39	56.68 1.24 -1.49	57.52 1.42 -1.65	49.87 1.30 -0.45	44.40 1.20 -0.52	42.79 1.10 -1.09	36.93 1.07 -0.34	35.22 0.75 -0.46
COXSACKIE___GT 23611	33.37 2.21 0.00	29.39 1.97 0.00	28.46 1.66 0.00	27.73 1.69 0.00	27.60 1.68 0.00	26.90 1.57 0.00	27.21 1.52 0.00	27.94 1.25 0.00	28.88 1.53 0.00	29.92 1.75 0.00	35.27 2.12 0.00	36.40 2.20 0.07	37.53 2.46 0.10	40.76 2.75 0.16	43.80 2.89 -1.87	52.23 2.85 -11.39	54.42 3.58 -4.95	58.40 4.48 0.02	58.85 4.41 0.01	52.40 4.28 0.00	46.19 3.50 0.00	44.08 3.49 0.02	38.29 2.77 0.00	36.16 2.14 0.00
CPV_VALLEY___CC1 323721	32.87 1.71 0.00	28.75 1.34 0.00	27.98 1.18 0.00	27.21 1.17 0.00	27.08 1.17 0.00	26.45 1.11 0.00	26.83 1.13 0.00	27.89 1.20 0.00	28.69 1.34 0.00	29.92 1.75 0.00	35.37 2.22 0.00	36.71 2.30 -0.14	37.96 2.60 -0.19	41.34 2.86 -0.31	43.83 2.97 -1.82	50.17 2.85 -9.32	53.37 3.58 -3.90	58.14 4.15 -0.04	58.61 4.14 -0.02	51.63 3.51 0.00	45.59 2.90 0.00	43.49 2.84 -0.04	37.90 2.38 0.00	36.02 2.01 0.00
CPV_VALLEY___CC2 323722	32.87 1.71 0.00	28.75 1.34 0.00	27.98 1.18 0.00	27.21 1.17 0.00	27.08 1.17 0.00	26.45 1.11 0.00	26.83 1.13 0.00	27.89 1.20 0.00	28.69 1.34 0.00	29.92 1.75 0.00	35.37 2.22 0.00	36.71 2.30 -0.14	37.96 2.60 -0.19	41.34 2.86 -0.31	43.83 2.97 -1.82	50.17 2.85 -9.32	53.37 3.58 -3.90	58.14 4.15 -0.04	58.61 4.14 -0.02	51.63 3.51 0.00	45.59 2.90 0.00	43.49 2.84 -0.04	37.90 2.38 0.00	36.02 2.01 0.00
CRESCENT___HYD 24018	32.46 1.31 0.00	28.51 1.10 0.00	27.79 0.99 0.00	27.03 0.99 0.00	26.95 1.04 0.00	26.32 0.99 0.00	26.65 0.95 0.00	27.57 0.88 0.00	28.39 1.04 0.00	29.44 1.27 0.00	34.71 1.56 0.00	35.64 1.61 0.24	36.65 1.83 0.34	39.59 1.98 0.56	42.61 2.03 -1.54	50.91 1.97 -10.94	53.17 2.38 -4.90	56.74 2.86 0.07	57.36 2.94 0.04	50.62 2.50 0.00	44.91 2.22 0.00	42.61 2.07 0.07	37.30 1.78 0.00	35.44 1.43 0.00
CRICKET___VALLEY_CC1 323756	32.84 1.68 0.00	28.75 1.34 0.00	28.03 1.23 0.00	27.34 1.30 0.00	27.26 1.35 0.00	26.62 1.29 0.00	26.95 1.26 0.00	27.97 1.28 0.00	28.72 1.37 0.00	29.92 1.75 0.00	35.36 2.22 0.01	33.97 2.30 2.60	34.10 2.64 3.70	35.06 2.90 6.01	36.34 3.01 5.71	30.41 2.89 10.48	47.04 3.58 2.43	57.35 4.15 0.76	58.25 4.19 0.40	51.59 3.47 0.00	45.68 2.99 0.00	42.70 2.84 0.75	37.94 2.42 0.00	36.02 2.01 0.00
CRICKET___VALLEY_CC2 323757	32.84 1.68 0.00	28.75 1.34 0.00	28.03 1.23 0.00	27.34 1.30 0.00	27.26 1.35 0.00	26.62 1.29 0.00	26.95 1.26 0.00	27.97 1.28 0.00	28.72 1.37 0.00	29.92 1.75 0.00	35.36 2.22 0.01	33.97 2.30 2.60	34.10 2.64 3.70	35.06 2.90 6.01	36.34 3.01 5.71	30.41 2.89 10.48	47.04 3.58 2.43	57.35 4.15 0.76	58.25 4.19 0.40	51.59 3.47 0.00	45.68 2.99 0.00	42.70 2.84 0.75	37.94 2.42 0.00	36.02 2.01 0.00
CRICKET___VALLEY_CC3 323758	32.84 1.68 0.00	28.75 1.34 0.00	28.03 1.23 0.00	27.34 1.30 0.00	27.26 1.35 0.00	26.62 1.29 0.00	26.95 1.26 0.00	27.97 1.28 0.00	28.72 1.37 0.00	29.92 1.75 0.00	35.36 2.22 0.01	33.97 2.30 2.60	34.10 2.64 3.70	35.06 2.90 6.01	36.34 3.01 5.71	30.41 2.89 10.48	47.04 3.58 2.43	57.35 4.15 0.76	58.25 4.19 0.40	51.59 3.47 0.00	45.68 2.99 0.00	42.70 2.84 0.75	37.94 2.42 0.00	36.02 2.01 0.00
CRUCIBLE_METL_DRP 24180	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
DAHOWA___HYDRO 323763	33.03 1.87 0.00	29.00 1.59 0.00	28.19 1.39 0.00	27.39 1.35 0.00	27.29 1.37 0.00	26.65 1.32 0.00	27.01 1.31 0.00	27.97 1.28 0.00	28.88 1.53 0.00	29.92 1.75 0.00	35.17 2.02 0.00	36.20 2.13 0.20	37.20 2.32 0.28	40.15 2.44 0.46	43.24 2.50 -1.69	51.99 2.51 -11.48	54.06 3.07 -5.10	57.72 3.83 0.06	58.45 4.03 0.03	51.68 3.56 0.00	45.76 3.08 0.00	43.47 2.93 0.06	37.97 2.45 0.00	35.98 1.97 0.00
DANC___LFGE 323619	31.40 0.25 0.00	27.52 0.11 0.00	26.80 0.00 0.00	25.98 -0.05 0.00	25.87 -0.05 0.00	25.31 -0.03 0.00	25.64 -0.05 0.00	26.63 -0.05 0.00	27.19 -0.16 0.00	27.98 -0.20 0.00	33.74 -0.36 -0.95	34.11 -0.41 -0.25	35.17 -0.24 -0.25	38.62 -0.38 -0.84	39.49 -0.47 -0.91	39.07 -0.38 -1.46	46.93 -0.37 -1.41	57.21 0.05 -3.21	58.34 0.33 -3.55	49.52 0.43 -0.97	44.31 0.51 -1.11	43.47 0.53 -2.34	36.65 0.39 -0.73	35.21 0.21 -0.99
DANSKAMMER___1 23586	33.65 2.49 0.00	29.41 2.00 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.70 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.35 2.00 0.00	30.65 2.48 0.00	36.36 3.21 0.00	37.75 3.32 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.18 -4.67	60.03 6.04 -0.04	60.52 6.04 -0.02	53.17 5.05 0.00	46.92 4.23 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00
DANSKAMMER___2 23589	33.65 2.49 0.00	29.41 2.00 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.70 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.35 2.00 0.00	30.65 2.48 0.00	36.36 3.21 0.00	37.75 3.32 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.18 -4.67	60.03 6.04 -0.04	60.52 6.04 -0.02	53.17 5.05 0.00	46.92 4.23 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00
DANSKAMMER___3 23590	33.65 2.49 0.00	29.41 2.00 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.70 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.35 2.00 0.00	30.65 2.48 0.00	36.36 3.21 0.00	37.75 3.32 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.18 -4.67	60.03 6.04 -0.04	60.52 6.04 -0.02	53.17 5.05 0.00	46.92 4.23 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00

DANSKAMMER___4 23591	33.65 2.49 0.00	29.41 2.00 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.70 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.35 2.00 0.00	30.65 2.48 0.00	36.36 3.21 0.00	37.75 3.32 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.18 -4.67	60.03 6.04 -0.04	60.52 6.04 -0.02	53.17 5.05 0.00	46.92 4.23 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00
DANSKAMMER___DIESEL 23592	33.65 2.49 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.71 1.79 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.45 1.76 0.00	29.51 2.16 0.00	30.65 2.48 0.00	36.36 3.22 0.00	37.88 3.46 -0.15	39.10 3.73 -0.21	42.63 4.12 -0.34	45.49 4.29 -2.15	53.27 4.14 -11.13	55.74 5.19 -4.67	60.03 6.04 -0.04	60.47 5.99 -0.02	53.17 5.05 0.00	46.87 4.18 0.00	44.75 4.10 -0.04	38.93 3.41 0.00	36.87 2.86 0.00
DARBY___SOLAR 323810	32.93 1.77 0.00	28.92 1.51 0.00	28.11 1.31 0.00	27.31 1.28 0.00	27.21 1.30 0.00	26.60 1.27 0.00	26.93 1.23 0.00	27.89 1.20 0.00	28.80 1.45 0.00	29.86 1.69 0.00	35.10 1.96 0.00	36.12 2.06 0.21	37.12 2.25 0.29	40.10 2.41 0.48	43.17 2.46 -1.67	51.83 2.43 -11.40	53.94 2.98 -5.06	57.50 3.61 0.06	58.23 3.81 0.03	51.49 3.37 0.00	45.59 2.90 0.00	43.31 2.76 0.06	37.86 2.34 0.00	35.88 1.87 0.00
DASHVILLE___HYD 23610	33.31 2.15 0.00	29.16 1.75 0.00	28.30 1.50 0.00	27.52 1.48 0.00	27.42 1.50 0.00	26.73 1.39 0.00	27.11 1.41 0.00	28.10 1.41 0.00	29.08 1.72 0.00	30.17 2.00 0.00	35.80 2.65 0.00	37.57 3.22 -0.08	38.72 3.45 -0.11	42.16 3.82 -0.18	45.05 3.98 -2.03	52.83 3.84 -11.00	55.42 4.86 -4.67	59.64 5.66 -0.02	60.08 5.61 -0.01	52.40 4.28 0.00	46.23 3.54 0.00	44.49 3.86 -0.02	38.47 2.95 0.00	36.50 2.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.23 3.86 -9.21	43.15 3.12 -12.61	42.61 2.76 -13.05	41.39 2.68 -12.67	38.23 2.64 -9.67	34.85 2.51 -7.01	30.97 2.52 -2.75	34.88 2.75 -5.45	41.73 3.25 -11.12	43.18 3.75 -11.26	45.89 4.97 -7.77	71.74 5.62 -31.85	63.09 5.84 -22.09	83.56 6.45 -38.95	132.77 6.60 -87.13	165.31 6.42 -120.90	197.93 7.85 -144.19	277.31 9.28 -214.08	174.80 9.26 -111.09	138.56 7.84 -82.60	63.72 6.45 -14.58	72.72 6.25 -25.86	48.94 5.01 -8.41	45.24 4.39 -6.84
DELAWARE___LFGE 323621	32.53 1.37 0.00	28.51 1.10 0.00	27.74 0.94 0.00	26.92 0.89 0.00	26.82 0.91 0.00	26.22 0.89 0.00	26.60 0.90 0.00	27.67 0.99 0.00	28.56 1.20 0.00	29.50 1.32 0.00	34.88 1.59 -0.15	36.13 1.82 -0.04	37.14 1.93 -0.04	40.39 2.10 -0.13	41.94 2.07 -0.83	44.20 2.01 -4.19	50.24 2.43 -1.92	57.46 3.02 -0.49	58.05 3.05 -0.54	50.92 2.65 -0.15	45.12 2.26 -0.17	43.11 2.15 -0.36	37.48 1.85 -0.11	35.69 1.53 -0.15
DERFIELD_115KV_TB7 355931	31.41 0.25 0.00	27.60 0.19 0.00	26.93 0.13 0.00	26.17 0.13 0.00	26.07 0.16 0.00	25.49 0.15 0.00	25.82 0.13 0.00	26.82 0.13 0.00	27.57 0.22 0.00	28.40 0.23 0.00	33.41 0.27 0.00	34.62 0.34 0.00	35.55 0.39 0.00	38.59 0.42 0.00	39.47 0.43 0.00	38.41 0.42 0.00	46.39 0.50 0.00	54.54 0.59 0.00	55.05 0.60 0.00	48.65 0.53 0.00	43.11 0.43 0.00	41.05 0.45 0.00	35.91 0.39 0.00	34.29 0.27 0.00
DOGLEVILLE___HYD 23807	31.38 0.22 0.00	27.55 0.14 0.00	26.91 0.11 0.00	26.11 0.08 0.00	25.99 0.08 0.00	25.38 0.05 0.00	25.72 0.03 0.00	26.66 -0.03 0.00	27.35 0.00 0.00	28.23 0.06 0.00	33.18 0.03 0.00	34.24 -0.03 0.00	35.23 0.07 0.00	38.24 0.08 0.00	39.12 0.08 0.00	38.00 0.00 0.00	45.89 0.00 0.00	54.06 0.11 0.00	54.67 0.22 0.00	48.41 0.29 0.00	42.95 0.26 0.00	40.89 0.29 0.00	35.74 0.21 0.00	34.12 0.10 0.00
DUNKIRK___115KV_TB_200 55889	30.78 -0.37 0.00	26.64 -0.77 0.00	25.73 -1.07 0.00	24.94 -1.09 0.00	24.72 -1.19 0.00	24.17 -1.17 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	26.59 -0.77 0.00	27.16 -1.01 0.00	31.59 -1.56 0.00	33.66 -0.62 0.00	34.32 -0.84 0.00	37.25 -0.92 0.00	37.76 -1.56 -0.28	37.89 -1.71 -1.60	44.56 -2.02 -0.69	52.38 -1.56 0.00	52.82 -1.63 0.00	47.01 -1.11 0.00	41.88 -0.81 0.00	39.71 -0.89 0.00	35.45 -0.07 0.00	33.67 -0.34 0.00
DUNKIRK___1 23563	30.78 -0.37 0.00	26.64 -0.77 0.00	25.73 -1.07 0.00	24.94 -1.09 0.00	24.72 -1.19 0.00	24.17 -1.17 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	26.59 -0.77 0.00	27.16 -1.01 0.00	31.59 -1.56 0.00	33.66 -0.62 0.00	34.32 -0.84 0.00	37.25 -0.92 0.00	37.76 -1.56 -0.28	37.89 -1.71 -1.60	44.56 -2.02 -0.69	52.38 -1.56 0.00	52.82 -1.63 0.00	47.01 -1.11 0.00	41.88 -0.81 0.00	39.71 -0.89 0.00	35.45 -0.07 0.00	33.67 -0.34 0.00
DUNKIRK___2 23564	30.78 -0.37 0.00	26.64 -0.77 0.00	25.73 -1.07 0.00	24.94 -1.09 0.00	24.72 -1.19 0.00	24.17 -1.17 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	26.59 -0.77 0.00	27.16 -1.01 0.00	31.59 -1.56 0.00	33.66 -0.62 0.00	34.32 -0.84 0.00	37.25 -0.92 0.00	37.76 -1.56 -0.28	37.89 -1.71 -1.60	44.56 -2.02 -0.69	52.38 -1.56 0.00	52.82 -1.63 0.00	47.01 -1.11 0.00	41.88 -0.81 0.00	39.71 -0.89 0.00	35.45 -0.07 0.00	33.67 -0.34 0.00
DUNKIRK___3 23565	30.66 -0.50 0.00	26.53 -0.88 0.00	25.68 -1.13 0.00	24.89 -1.15 0.00	24.67 -1.24 0.00	24.12 -1.22 0.00	24.31 -1.39 0.00	25.62 -1.07 0.00	26.53 -0.82 0.00	27.05 -1.13 0.00	31.46 -1.69 0.00	33.52 -0.75 0.00	34.18 -0.98 0.00	37.10 -1.07 0.00	37.60 -1.72 -0.28	37.73 -1.86 -1.60	44.37 -2.20 -0.69	52.11 -1.83 0.00	52.66 -1.80 0.00	46.82 -1.30 0.00	41.71 -0.98 0.00	39.55 -1.06 0.00	35.27 -0.25 0.00	33.54 -0.48 0.00
DUNKIRK___4 23566	30.66 -0.50 0.00	26.53 -0.88 0.00	25.68 -1.13 0.00	24.89 -1.15 0.00	24.67 -1.24 0.00	24.12 -1.22 0.00	24.31 -1.39 0.00	25.62 -1.07 0.00	26.53 -0.82 0.00	27.05 -1.13 0.00	31.46 -1.69 0.00	33.52 -0.75 0.00	34.18 -0.98 0.00	37.10 -1.07 0.00	37.60 -1.72 -0.28	37.73 -1.86 -1.60	44.37 -2.20 -0.69	52.11 -1.83 0.00	52.66 -1.80 0.00	46.82 -1.30 0.00	41.71 -0.98 0.00	39.55 -1.06 0.00	35.27 -0.25 0.00	33.54 -0.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.77 2.62 0.00	29.55 2.14 0.00	28.68 1.88 0.00	27.88 1.85 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.52 1.82 0.00	28.63 1.95 0.00	29.68 2.32 0.00	30.82 2.65 0.00	36.53 3.38 0.00	38.13 3.67 -0.19	46.13 3.90 -7.06	49.51 4.27 -7.07	52.16 4.37 -8.75	53.70 4.22 -11.49	57.52 5.23 -6.40	60.10 6.10 -0.06	60.47 5.99 -0.03	53.27 5.15 0.00	46.96 4.27 0.00	44.93 4.26 -0.06	39.11 3.59 0.00	37.14 3.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.40 2.24 0.00	29.22 1.81 0.00	28.38 1.58 0.00	27.60 1.56 0.00	27.47 1.56 0.00	26.80 1.47 0.00	27.21 1.52 0.00	28.23 1.55 0.00	29.27 1.91 0.00	30.37 2.20 0.00	35.97 2.82 0.00	37.50 3.08 -0.15	38.68 3.31 -0.21	42.17 3.66 -0.34	44.91 3.79 -2.08	52.40 3.69 -10.72	54.97 4.59 -4.49	59.33 5.34 -0.04	59.81 5.34 -0.02	52.60 4.48 0.00	46.40 3.71 0.00	44.34 3.70 -0.04	38.58 3.05 0.00	36.60 2.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.12 2.96 -0.01	29.89 2.47 -0.01	28.98 2.17 -0.01	28.21 2.16 -0.01	28.08 2.15 -0.01	27.39 2.05 -0.01	27.84 2.13 -0.01	28.96 2.27 -0.01	29.99 2.63 -0.01	31.03 2.85 -0.01	39.01 3.61 -2.25	44.18 3.91 -6.00	46.45 4.22 -7.07	49.94 4.69 -7.08	52.63 4.84 -8.75	54.12 4.64 -11.49	57.75 5.46 -6.40	60.27 6.26 -0.06	60.70 6.21 -0.04	53.62 5.49 -0.01	47.39 4.70 -0.01	45.38 4.71 -0.06	39.44 3.91 -0.01	37.46 3.44 -0.01
E179THST_13_KV_LOAD 356214	34.31 3.15 -0.01	30.05 2.63 -0.01	29.14 2.33 -0.01	28.36 2.32 -0.01	28.21 2.28 -0.01	27.52 2.18 -0.01	27.97 2.26 -0.01	29.12 2.43 -0.01	30.15 2.79 -0.01	31.22 3.04 -0.01	39.24 3.85 -2.25	44.42 4.15 -6.00	46.73 4.50 -7.07	50.25 5.00 -7.08	52.94 5.15 -8.75	54.43 4.94 -11.49	58.12 5.83 -6.40	60.70 6.69 -0.06	61.08 6.59 -0.04	54.00 5.87 -0.01	47.69 4.99 -0.01	45.66 4.99 -0.06	39.72 4.19 -0.01	37.69 3.67 -0.01
EAST HAMPTON___GT 23717	44.10 3.74 -9.21	43.01 2.99 -12.61	42.50 2.65 -13.05	41.29 2.58 -12.67	38.13 2.54 -9.67	34.75 2.41 -7.01	30.81 2.36 -2.75	34.75 2.62 -5.45	41.46 2.98 -11.12	43.15 3.72 -11.26	46.00 5.07 -7.78	71.74 5.62 -31.85	63.23 5.98 -22.09	83.72 6.60 -38.95	132.93 6.76 -87.13	165.54 6.65 -120.90	198.16 8.08 -144.19	277.37 9.33 -214.09	175.07 9.53 -111.09	138.72 7.99 -82.61	63.76 6.49 -14.58	72.72 6.25 -25.86	48.83 4.90 -8.41	45.14 4.29 -6.84
EAST RIVER___6 23660	34.08 2.93 0.00	29.71 2.30 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.92 0.00	27.70 2.01 0.00	28.85 2.16 0.00	29.71 2.35 0.00	31.10 2.93 0.00	39.02 3.71 -2.16	43.89 3.84 -5.78	46.48 4.25 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.42 6.42 -0.06	60.85 6.37 -0.03	53.65 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.50 3.98 0.00	37.52 3.50 0.00
EAST RIVER___7 23524	34.08 2.93 0.00	29.71 2.30 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.92 0.00	27.70 2.01 0.00	28.85 2.16 0.00	29.71 2.35 0.00	31.10 2.93 0.00	39.02 3.71 -2.16	43.89 3.84 -5.78	46.48 4.25 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.42 6.42 -0.06	60.85 6.37 -0.03	53.65 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.50 3.98 0.00	37.52 3.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.65 2.49 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.71 1.79 0.00	27.03 1.70 0.00	27.44 1.75 0.00	28.55 1.87 0.00	29.57 2.22 0.00	30.74 2.56 0.00	36.40 3.25 0.00	37.96 3.50 -0.19	45.98 3.76 -7.06	49.36 4.12 -7.07	52.04 4.26 -8.74	53.55 4.10 -11.45	57.32 5.05 -6.38	59.88 5.88 -0.06	60.31 5.83 -0.03	53.08 4.96 0.00	46.83 4.14 0.00	44.76 4.10 -0.05	39.00 3.48 0.00	37.01 2.99 0.00
EAST_HAMPTON___DIESEL 23722	44.04 3.67 -9.21	42.92 2.90 -12.61	42.45 2.60 -13.05	41.21 2.50 -12.67	38.08 2.49 -9.67	34.67 2.33 -7.01	30.74 2.29 -2.75	34.67 2.54 -5.45	41.37 2.90 -11.12	43.09 3.66 -11.26	45.89 4.97 -7.78	71.64 5.52 -31.85	63.16 5.91 -22.09	83.64 6.52 -38.95	132.84 6.67 -87.13	165.43 6.54 -120.90	198.02 7.94 -144.19	277.21 9.17 -214.09	174.91 9.37 -111.09	138.62 7.89 -82.61	63.67 6.40 -14.58	72.60 6.13 -25.86	48.72 4.79 -8.41	45.04 4.18 -6.84
EAST_POINT___SOLAR 323840	34.83 3.67 0.00	30.45 3.04 0.00	29.51 2.71 0.00	28.61 2.58 0.00	28.35 2.44 0.00	27.71 2.38 0.00	28.06 2.36 0.00	29.17 2.48 0.00	29.92 2.57 0.00	31.02 2.84 0.00	36.53 3.38 0.00	37.59 3.43 0.11	38.98 3.97 0.15	42.04 4.12 0.25	45.61 4.26 -2.31	56.39 4.14 -14.25	57.06 4.96 -6.21	60.82 6.91 0.03	61.68 7.24 0.02	54.76 6.64 0.00	48.62 5.93 0.00	46.18 5.61 0.03	40.25 4.72 0.00	37.99 3.98 0.00
EAST_PULASKI___ESR 323781	31.06 -0.09 0.00	27.27 -0.14 0.00	26.56 -0.24 0.00	25.78 -0.26 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.44 -0.26 0.00	26.47 -0.21 0.00	27.05 -0.30 0.00	27.86 -0.31 0.00	34.08 -0.43 -1.37	34.19 -0.45 -0.36	35.24 -0.28 -0.36	38.94 -0.42 -1.20	39.82 -0.51 -1.28	39.47 -0.45 -1.92	47.38 -0.46 -1.95	58.11 -0.43 -4.60	59.27 -0.27 -5.08	49.36 -0.14 -1.38	44.23 -0.04 -1.59	43.99 0.04 -3.35	36.64 0.07 -1.05	35.30 -0.14 -1.42
EAST_RIVER___1 323558	34.02 2.86 0.00	29.68 2.27 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.92 0.00	27.70 2.01 0.00	28.82 2.14 0.00	29.68 2.32 0.00	31.08 2.90 0.00	38.99 3.68 -2.16	43.86 3.80 -5.78	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.84 5.55 -6.40	60.42 6.42 -0.06	60.91 6.42 -0.03	53.61 5.48 0.00	47.30 4.61 0.00	45.29 4.63 -0.06	39.46 3.94 0.00	37.48 3.47 0.00
EAST_RIVER___2 323559	34.08 2.93 0.00	29.71 2.30 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.92 0.00	27.70 2.01 0.00	28.85 2.16 0.00	29.71 2.35 0.00	31.10 2.93 0.00	39.02 3.71 -2.16	43.89 3.84 -5.78	46.48 4.25 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.42 6.42 -0.06	60.85 6.37 -0.03	53.65 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.50 3.98 0.00	37.52 3.50 0.00
EAST___DELAWARE_HYD 23607	33.09 1.93 0.00	28.89 1.48 0.00	28.03 1.23 0.00	27.26 1.22 0.00	27.14 1.22 0.00	26.47 1.14 0.00	26.88 1.18 0.00	27.89 1.20 0.00	28.72 1.37 0.00	29.22 1.04 0.00	34.61 1.46 0.00	35.93 1.54 -0.11	37.15 1.83 -0.16	40.52 2.10 -0.25	43.15 2.26 -1.85	49.91 2.20 -9.71	52.82 2.85 -4.09	57.38 3.40 -0.03	57.96 3.49 -0.02	50.96 2.84 0.00	44.95 2.26 0.00	43.89 3.25 -0.03	38.15 2.63 0.00	36.19 2.18 0.00
EIGHT_POINT___WT_PWR 323820	31.25 0.09 0.00	27.03 -0.38 0.00	25.97 -0.83 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.55 -0.79 0.00	24.77 -0.92 0.00	26.12 -0.56 0.00	26.34 -1.01 0.00	27.44 -0.73 0.00	31.97 -1.36 -0.18	32.98 -1.34 -0.05	34.19 -1.02 -0.05	37.06 -1.26 -0.16	37.66 -1.87 -0.49	38.23 -1.86 -2.09	44.73 -2.20 -1.05	52.07 -2.48 -0.60	52.62 -2.50 -0.66	46.81 -1.49 -0.18	41.49 -1.41 -0.21	39.74 -1.30 -0.44	35.52 -0.14 -0.14	33.82 -0.37 -0.19
ELBRIDGE_115KV_TB2 80188	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.30 -0.05 0.00	28.00 -0.17 0.00	33.79 -0.27 -0.91	34.51 0.00 -0.24	35.40 0.00 -0.24	38.92 -0.04 -0.80	39.87 -0.12 -0.95	39.66 -0.15 -1.82	47.23 -0.18 -1.53	56.79 -0.22 -3.06	57.73 -0.11 -3.38	48.95 -0.10 -0.92	43.70 -0.04 -1.06	42.75 -0.08 -2.23	36.29 0.07 -0.70	34.79 -0.17 -0.94
ELEC_TRO_TEK 24086	43.39 3.02 -9.21	42.51 2.49 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.77 2.18 -9.67	34.42 2.08 -7.01	30.58 2.13 -2.75	34.40 2.27 -5.45	41.13 2.65 -11.12	42.44 3.01 -11.26	44.73 3.81 -7.77	70.19 4.08 -31.84	61.62 4.36 -22.09	81.87 4.77 -38.94	131.04 4.88 -87.12	167.02 4.71 -124.31	195.85 5.78 -144.18	212.52 6.74 -151.83	172.23 6.70 -111.08	78.43 5.77 -24.54	62.08 4.82 -14.57	71.25 4.79 -25.85	48.01 4.08 -8.41	44.42 3.57 -6.84

ELLENBURG_WT_PWR 323604	30.63 -0.53 0.00	27.08 -0.33 0.00	26.64 -0.16 0.00	25.86 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.97 -0.38 0.00	27.53 -0.65 0.00	32.22 -0.93 0.00	33.21 -1.06 0.00	33.69 -1.48 0.00	36.56 -1.60 0.00	37.40 -1.64 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.84 -2.10 0.00	52.33 -2.12 0.00	46.49 -1.64 0.00	41.49 -1.20 0.00	39.27 -1.34 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.25 -0.90 0.00	26.23 -1.18 0.00	25.41 -1.39 0.00	24.63 -1.41 0.00	24.47 -1.45 0.00	23.91 -1.42 0.00	24.10 -1.59 0.00	25.43 -1.25 0.00	26.34 -1.01 0.00	26.71 -1.46 0.00	31.03 -2.12 0.00	33.11 -1.17 0.00	33.72 -1.44 0.00	36.60 -1.56 0.00	37.27 -2.03 -0.26	37.34 -2.17 -1.51	43.88 -2.66 -0.65	51.25 -2.70 0.00	51.95 -2.50 0.00	46.15 -1.97 0.00	41.15 -1.54 0.00	39.02 -1.58 0.00	34.81 -0.71 0.00	33.13 -0.88 0.00
EMPIRE_CC_1 323656	32.06 0.90 0.00	28.23 0.82 0.00	27.52 0.72 0.00	26.82 0.78 0.00	26.75 0.83 0.00	26.09 0.76 0.00	26.41 0.72 0.00	27.22 0.53 0.00	28.01 0.66 0.00	29.07 0.90 0.00	34.24 1.09 0.00	35.08 1.13 0.32	36.07 1.37 0.46	38.91 1.49 0.75	41.70 1.48 -1.18	48.97 1.41 -9.57	51.96 1.70 -4.37	55.85 2.00 0.09	56.42 2.02 0.05	49.80 1.68 0.00	44.18 1.49 0.00	41.93 1.42 0.09	36.76 1.24 0.00	34.96 0.95 0.00
EMPIRE_CC_2 323658	32.06 0.90 0.00	28.23 0.82 0.00	27.52 0.72 0.00	26.82 0.78 0.00	26.75 0.83 0.00	26.09 0.76 0.00	26.41 0.72 0.00	27.22 0.53 0.00	28.01 0.66 0.00	29.07 0.90 0.00	34.24 1.09 0.00	35.08 1.13 0.32	36.07 1.37 0.46	38.91 1.49 0.75	41.70 1.48 -1.18	48.97 1.41 -9.57	51.96 1.70 -4.37	55.85 2.00 0.09	56.42 2.02 0.05	49.80 1.68 0.00	44.18 1.49 0.00	41.93 1.42 0.09	36.76 1.24 0.00	34.96 0.95 0.00
ENORWICH_115KV_TB1 80156	33.93 2.77 0.00	29.63 2.22 0.00	28.68 1.88 0.00	27.78 1.74 0.00	27.68 1.76 0.00	27.13 1.80 0.00	27.52 1.82 0.00	28.61 1.92 0.00	29.29 1.94 0.00	30.15 1.97 0.00	35.54 2.06 -0.33	36.90 2.54 -0.09	37.92 2.67 -0.09	41.25 2.79 -0.29	42.53 2.69 -0.79	43.89 2.66 -3.24	50.95 3.40 -1.67	59.66 4.59 -1.12	60.76 5.06 -1.24	52.84 4.38 -0.34	47.05 3.97 -0.39	45.16 3.74 -0.82	39.05 3.27 -0.26	37.11 2.76 -0.35
ERIE_ST__34_KV_TB1-2 80199	30.78 -0.37 0.00	26.67 -0.74 0.00	25.81 -0.99 0.00	24.99 -1.04 0.00	24.83 -1.09 0.00	24.24 -1.09 0.00	24.46 -1.23 0.00	25.73 -0.96 0.00	26.67 -0.68 0.00	27.10 -1.07 0.00	31.56 -1.59 0.00	33.66 -0.62 0.00	34.35 -0.81 0.00	37.25 -0.92 0.00	37.21 -2.11 -0.27	37.36 -2.20 -1.57	43.95 -2.62 -0.68	52.38 -1.56 0.00	52.98 -1.47 0.00	47.11 -1.01 0.00	41.92 -0.77 0.00	39.75 -0.85 0.00	35.45 -0.07 0.00	33.67 -0.34 0.00
ERIE_WT_PWR 323693	30.50 -0.66 0.00	26.45 -0.96 0.00	25.60 -1.21 0.00	24.81 -1.22 0.00	24.65 -1.27 0.00	24.07 -1.27 0.00	24.28 -1.41 0.00	25.59 -1.10 0.00	25.68 -1.67 0.00	26.91 -1.27 0.00	31.26 -1.89 0.00	32.56 -1.71 0.00	34.00 -1.16 0.00	36.91 -1.26 0.00	37.32 -1.99 -0.27	37.42 -2.13 -1.55	44.08 -2.48 -0.67	51.73 -2.21 0.00	51.90 -2.56 0.00	46.82 -1.30 0.00	41.28 -1.41 0.00	39.35 -1.26 0.00	35.13 -0.39 0.00	33.40 -0.61 0.00
ESPRGFLD_115KV_TB1 80157	33.87 2.71 0.00	29.63 2.22 0.00	28.76 1.96 0.00	27.86 1.82 0.00	27.71 1.79 0.00	27.13 1.80 0.00	27.55 1.85 0.00	28.69 2.00 0.00	29.62 2.27 0.00	30.57 2.39 0.00	35.97 2.82 0.00	37.33 3.12 0.06	38.42 3.34 0.08	41.58 3.55 0.14	42.46 3.55 0.14	41.18 3.46 0.27	50.04 4.22 0.07	59.49 5.56 0.02	60.22 5.77 0.01	53.22 5.10 0.00	47.13 4.44 0.00	44.77 4.18 0.02	39.04 3.52 0.00	36.97 2.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.00 0.84 0.00	28.01 0.60 0.00	27.20 0.40 0.00	26.40 0.36 0.00	26.25 0.34 0.00	25.71 0.38 0.00	26.06 0.36 0.00	27.17 0.48 0.00	27.93 0.57 0.00	28.68 0.51 0.00	34.08 0.46 -0.46	35.22 0.82 -0.12	36.13 0.84 -0.12	39.45 0.88 -0.41	40.55 0.74 -0.77	41.30 0.72 -2.58	48.34 0.96 -1.49	56.91 1.40 -1.56	57.81 1.63 -1.72	50.08 1.49 -0.47	44.63 1.41 -0.54	43.04 1.30 -1.13	37.12 1.24 -0.36	35.38 0.88 -0.48
ETNA____115KV_TB2 80207	32.00 0.84 0.00	28.01 0.60 0.00	27.20 0.40 0.00	26.40 0.36 0.00	26.25 0.34 0.00	25.71 0.38 0.00	26.06 0.36 0.00	27.17 0.48 0.00	27.93 0.57 0.00	28.68 0.51 0.00	34.08 0.46 -0.46	35.22 0.82 -0.12	36.13 0.84 -0.12	39.45 0.88 -0.41	40.55 0.74 -0.77	41.30 0.72 -2.58	48.34 0.96 -1.49	56.91 1.40 -1.56	57.81 1.63 -1.72	50.08 1.49 -0.47	44.63 1.41 -0.54	43.04 1.30 -1.13	37.12 1.24 -0.36	35.38 0.88 -0.48
EUCLID____115KV_TB2 356179	30.81 -0.34 0.00	27.08 -0.33 0.00	26.37 -0.43 0.00	25.62 -0.42 0.00	25.48 -0.44 0.00	24.95 -0.38 0.00	25.28 -0.41 0.00	26.34 -0.35 0.00	27.11 -0.25 0.00	27.81 -0.37 0.00	33.04 -0.50 -0.39	34.14 -0.24 -0.10	35.06 -0.21 -0.10	38.24 -0.27 -0.34	39.16 -0.35 -0.47	38.73 -0.38 -1.12	46.23 -0.46 -0.80	54.73 -0.54 -1.32	55.42 -0.49 -1.46	48.09 -0.43 -0.40	42.80 -0.34 -0.46	41.20 -0.37 -0.96	35.61 -0.21 -0.30	34.01 -0.41 -0.41
E_CANADA_CAP_HY 24051	34.55 3.40 0.00	30.21 2.80 0.00	29.29 2.49 0.00	28.43 2.39 0.00	28.22 2.31 0.00	27.61 2.28 0.00	28.01 2.31 0.00	29.11 2.43 0.00	29.90 2.54 0.00	31.02 2.84 0.00	36.53 3.38 0.00	37.68 3.50 0.09	38.94 3.90 0.13	42.08 4.12 0.21	45.76 4.22 -2.50	57.34 4.14 -15.20	57.46 4.96 -6.61	60.56 6.63 0.03	61.36 6.92 0.01	54.37 6.25 0.00	48.20 5.51 0.00	45.78 5.20 0.03	39.89 4.37 0.00	37.69 3.67 0.00
E_CANADA_MHWK_HY 24050	31.38 0.22 0.00	27.55 0.14 0.00	26.91 0.11 0.00	26.11 0.08 0.00	25.99 0.08 0.00	25.38 0.05 0.00	25.72 0.03 0.00	26.66 -0.03 0.00	27.35 0.00 0.00	28.23 0.06 0.00	33.18 0.03 0.00	34.24 -0.03 0.00	35.23 0.07 0.00	38.24 0.08 0.00	39.12 0.08 0.00	38.00 0.00 0.00	45.89 0.00 0.00	54.06 0.11 0.00	54.67 0.22 0.00	48.41 0.29 0.00	42.95 0.26 0.00	40.89 0.29 0.00	35.74 0.21 0.00	34.12 0.10 0.00
E_FISHKILL____LBMP 23776	33.24 2.09 0.00	29.11 1.70 0.00	28.30 1.50 0.00	27.55 1.51 0.00	27.42 1.50 0.00	26.78 1.44 0.00	27.16 1.46 0.00	28.21 1.52 0.00	29.21 1.86 0.00	30.31 2.14 0.00	35.87 2.72 0.00	37.42 2.95 -0.20	45.40 3.16 -7.07	48.73 3.47 -7.09	51.44 3.59 -8.81	53.26 3.46 -11.80	56.68 4.27 -6.53	58.97 4.96 -0.06	59.39 4.90 -0.03	52.31 4.19 0.00	46.19 3.50 0.00	44.12 3.45 -0.06	38.43 2.91 0.00	36.50 2.48 0.00
FALCON____SEABRD_CC1 323796	30.94 -0.22 0.00	27.36 -0.05 0.00	26.91 0.11 0.00	26.09 0.05 0.00	25.92 0.00 0.00	25.31 -0.03 0.00	25.75 0.05 0.00	26.66 -0.03 0.00	27.22 -0.14 0.00	27.78 -0.39 0.00	32.52 -0.63 0.00	33.49 -0.79 0.00	33.97 -1.20 0.00	36.91 -1.26 0.00	37.75 -1.29 0.00	36.82 -1.18 0.00	44.47 -1.42 0.00	52.38 -1.57 0.00	52.82 -1.63 0.00	46.92 -1.20 0.00	42.00 -0.68 0.00	39.63 -0.97 0.00	34.67 -0.85 0.00	33.64 -0.37 0.00

FALCON___SEABRD_CC2 323797	30.94 -0.22 0.00	27.36 -0.05 0.00	26.91 0.11 0.00	26.09 0.05 0.00	25.92 0.00 0.00	25.31 -0.03 0.00	25.75 0.05 0.00	26.66 -0.03 0.00	27.22 -0.14 0.00	27.78 -0.39 0.00	32.52 -0.63 0.00	33.49 -0.79 0.00	33.97 -1.20 0.00	36.91 -1.26 0.00	37.75 -1.29 0.00	36.82 -1.18 0.00	44.47 -1.42 0.00	52.38 -1.57 0.00	52.82 -1.63 0.00	46.92 -1.20 0.00	42.00 -0.68 0.00	39.63 -0.97 0.00	34.67 -0.85 0.00	33.64 -0.37 0.00
FAR ROCKAWAY___4 23548	44.01 3.65 -9.21	43.04 3.02 -12.61	42.55 2.71 -13.05	41.34 2.63 -12.67	38.21 2.62 -9.67	34.85 2.51 -7.01	30.99 2.54 -2.75	34.83 2.70 -5.45	41.62 3.15 -11.12	42.95 3.52 -11.26	45.46 4.54 -7.77	71.08 4.97 -31.84	62.49 5.24 -22.09	82.48 5.38 -38.94	131.63 5.47 -87.12	171.73 5.28 -128.45	196.54 6.47 -144.18	213.33 7.55 -151.83	173.05 7.51 -111.08	79.16 6.50 -24.54	63.15 5.89 -14.57	72.26 5.81 -25.85	48.79 4.87 -8.41	45.14 4.29 -6.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.02 2.87 0.00	29.77 2.36 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.70 2.00 0.00	28.85 2.16 0.00	29.90 2.54 0.00	31.10 2.93 0.00	39.04 3.71 -2.17	44.10 4.01 -5.82	46.48 4.25 -7.06	49.90 4.66 -7.08	52.55 4.76 -8.75	54.04 4.56 -11.48	57.84 5.55 -6.40	60.42 6.42 -0.06	60.86 6.37 -0.03	53.56 5.44 0.00	47.26 4.57 0.00	45.33 4.67 -0.06	39.50 3.98 0.00	37.48 3.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.05 2.90 0.00	29.77 2.36 0.00	28.89 2.09 0.00	28.07 2.03 0.00	27.96 2.05 0.00	27.28 1.95 0.00	27.70 2.00 0.00	28.85 2.16 0.00	29.92 2.57 0.00	31.10 2.93 0.00	39.04 3.71 -2.17	44.10 4.01 -5.82	46.48 4.25 -7.06	49.90 4.66 -7.08	52.55 4.76 -8.75	54.08 4.60 -11.48	57.84 5.55 -6.40	60.48 6.47 -0.06	60.86 6.37 -0.03	53.61 5.49 0.00	47.30 4.61 0.00	45.37 4.71 -0.06	39.50 3.98 0.00	37.52 3.50 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.02 2.87 0.00	29.74 2.33 0.00	28.86 2.06 0.00	28.04 2.00 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.67 1.98 0.00	28.82 2.13 0.00	29.90 2.54 0.00	31.07 2.90 0.00	39.00 3.68 -2.17	44.07 3.98 -5.82	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.00 4.52 -11.48	57.79 5.51 -6.40	60.37 6.37 -0.06	60.80 6.32 -0.03	53.51 5.39 0.00	47.21 4.52 0.00	45.29 4.63 -0.06	39.46 3.94 0.00	37.45 3.44 0.00
FARRAGUT___LBMP 323566	33.99 2.84 0.00	29.71 2.30 0.00	28.84 2.04 0.00	28.04 2.00 0.00	27.91 2.00 0.00	27.23 1.90 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.87 2.52 0.00	31.05 2.87 0.00	38.97 3.65 -2.17	44.03 3.94 -5.82	46.41 4.18 -7.06	49.83 4.58 -7.08	52.43 4.65 -8.75	53.96 4.48 -11.48	57.75 5.46 -6.40	60.32 6.31 -0.06	60.69 6.21 -0.03	53.46 5.34 0.00	47.17 4.48 0.00	45.25 4.59 -0.06	39.43 3.91 0.00	37.41 3.40 0.00
FENNER___WINDPWR 24204	32.00 0.84 0.00	28.07 0.66 0.00	27.31 0.51 0.00	26.51 0.47 0.00	26.38 0.47 0.00	25.81 0.48 0.00	26.18 0.49 0.00	27.22 0.53 0.00	27.85 0.49 0.00	28.77 0.59 0.00	34.13 0.63 -0.35	35.09 0.72 -0.09	36.21 0.95 -0.09	39.46 0.99 -0.31	40.50 0.94 -0.52	40.49 0.91 -1.59	48.01 1.15 -0.97	56.74 1.62 -1.18	57.50 1.74 -1.30	50.06 1.59 -0.35	44.46 1.37 -0.41	42.76 1.30 -0.86	36.93 1.14 -0.27	35.30 0.92 -0.36
FIBERTEK___ENERGY 23856	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
FITZPATRICK____ 23598	30.32 -0.84 0.00	26.67 -0.74 0.00	26.00 -0.80 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.60 -0.74 0.00	24.95 -0.75 0.00	25.94 -0.75 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.32 -1.06 4.77	32.00 -1.03 1.25	33.00 -0.91 1.25	33.00 -0.99 4.17	34.00 -1.05 3.99	33.00 -1.06 3.93	39.00 -1.28 5.60	36.40 -1.51 16.03	35.20 -1.52 17.74	42.00 -1.30 4.82	36.00 -1.15 5.54	27.84 -1.09 11.67	31.00 -0.85 3.67	28.08 -0.99 4.95
FLOWRFLD_69_KV_BK1 356044	43.83 3.46 -9.21	42.87 2.85 -12.61	42.39 2.55 -13.05	41.21 2.50 -12.67	38.08 2.49 -9.67	34.72 2.38 -7.01	30.87 2.42 -2.75	34.72 2.59 -5.45	41.48 3.01 -11.12	42.81 3.38 -11.26	45.17 4.24 -7.77	70.65 4.52 -31.86	61.93 4.68 -22.09	82.31 5.19 -38.95	131.53 5.35 -87.13	164.01 5.09 -120.92	196.37 6.29 -144.20	296.38 7.34 -235.09	172.85 7.30 -111.10	156.57 6.26 -102.20	62.57 5.29 -14.59	71.67 5.20 -25.87	48.41 4.48 -8.41	44.87 4.01 -6.84
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.74 2.59 0.00	29.52 2.11 0.00	28.65 1.85 0.00	27.88 1.85 0.00	27.76 1.84 0.00	27.08 1.75 0.00	27.47 1.77 0.00	28.53 1.84 0.00	29.60 2.24 0.00	30.74 2.56 0.00	36.46 3.31 0.00	38.02 3.60 -0.15	39.21 3.83 -0.22	42.79 4.27 -0.35	45.66 4.45 -2.17	53.51 4.29 -11.22	55.92 5.32 -4.70	60.20 6.20 -0.04	60.69 6.21 -0.02	53.32 5.20 0.00	47.00 4.31 0.00	44.87 4.22 -0.04	39.00 3.48 0.00	36.97 2.96 0.00
FORT ORANGE____ 23900	32.09 0.93 0.00	28.26 0.85 0.00	27.52 0.72 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.07 0.74 0.00	26.39 0.69 0.00	27.27 0.59 0.00	28.06 0.71 0.00	29.10 0.93 0.00	34.24 1.09 0.00	35.18 1.06 0.16	36.24 1.30 0.22	39.22 1.41 0.36	42.26 1.48 -1.74	50.80 1.44 -11.36	52.64 1.74 -5.01	55.95 2.05 0.05	56.50 2.07 0.02	49.95 1.83 0.00	44.27 1.58 0.00	42.19 1.63 0.04	36.87 1.35 0.00	35.00 0.99 0.00
FORT_DRUM_COGEN 23780	31.81 0.65 0.00	27.82 0.41 0.00	27.12 0.32 0.00	26.24 0.21 0.00	26.12 0.21 0.00	25.56 0.23 0.00	25.90 0.21 0.00	26.82 0.13 0.00	27.41 0.05 0.00	28.06 -0.11 0.00	33.54 -0.30 -0.69	34.15 -0.31 -0.18	35.13 -0.21 -0.18	38.42 -0.34 -0.60	39.24 -0.47 -0.66	38.74 -0.34 -1.08	46.73 -0.18 -1.03	56.90 0.65 -2.31	58.26 1.25 -2.55	49.97 1.15 -0.69	44.72 1.24 -0.80	43.46 1.18 -1.68	36.86 0.82 -0.53	35.40 0.68 -0.71
FOX_HILLS___ESR 323835	34.29 3.02 -0.11	29.91 2.49 -0.01	29.03 2.22 -0.01	28.23 2.19 -0.01	28.10 2.18 -0.01	27.42 2.08 -0.01	27.81 2.11 -0.01	28.91 2.21 -0.01	29.99 2.63 -0.01	60.00 3.04 -28.78	51.65 3.81 -14.69	84.41 4.18 -45.96	81.03 4.43 -41.44	80.80 4.89 -37.74	76.43 5.00 -32.39	80.52 4.83 -37.70	80.07 5.69 -28.49	80.15 6.53 -19.67	76.64 6.48 -15.71	76.65 5.73 -22.80	76.60 4.87 -29.05	76.65 4.95 -31.09	63.97 4.19 -24.25	53.18 3.67 -15.49
FPL FAR_ROCK_GT1 24212	44.01 3.64 -9.21	42.98 2.96 -12.61	42.55 2.71 -13.05	41.34 2.63 -12.67	38.21 2.62 -9.67	34.85 2.51 -7.01	30.99 2.54 -2.75	34.83 2.69 -5.45	41.40 2.93 -11.12	42.95 3.52 -11.26	45.44 4.51 -7.78	70.91 4.80 -31.84	62.50 5.24 -22.09	82.48 5.38 -38.94	131.63 5.47 -87.12	171.73 5.28 -128.45	196.54 6.47 -144.18	213.33 7.55 -151.83	173.10 7.57 -111.08	79.20 6.54 -24.54	63.19 5.93 -14.57	72.26 5.81 -25.85	48.80 4.87 -8.41	45.14 4.29 -6.85

FPL FAR_ROCK_GT2 23815	44.01 3.64 -9.21	42.98 2.96 -12.61	42.55 2.71 -13.05	41.34 2.63 -12.67	38.21 2.62 -9.67	34.85 2.51 -7.01	30.99 2.54 -2.75	34.83 2.69 -5.45	41.40 2.93 -11.12	42.95 3.52 -11.26	45.44 4.51 -7.78	70.91 4.80 -31.84	62.50 5.24 -22.09	82.48 5.38 -38.94	131.63 5.47 -87.12	171.73 5.28 -128.45	196.54 6.47 -144.18	213.33 7.55 -151.83	173.10 7.57 -111.08	79.20 6.54 -24.54	63.19 5.93 -14.57	72.26 5.81 -25.85	48.80 4.87 -8.41	45.14 4.29 -6.85
FRANKLIN_FALL_HYD 24054	30.63 -0.53 0.00	27.05 -0.36 0.00	26.67 -0.13 0.00	25.85 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.57 -0.13 0.00	26.45 -0.24 0.00	26.72 -0.63 0.00	27.58 -0.59 0.00	32.25 -0.90 0.00	32.97 -1.30 0.00	33.72 -1.44 0.00	36.64 -1.53 0.00	37.52 -1.52 0.00	36.59 -1.41 0.00	44.19 -1.70 0.00	52.06 -1.89 0.00	52.49 -1.96 0.00	46.63 -1.49 0.00	41.75 -0.94 0.00	39.39 -1.22 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
FREEPORT_EQUS_GT1 23764	43.70 3.34 -9.21	42.71 2.69 -12.61	42.31 2.46 -13.05	41.10 2.39 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.79 2.34 -2.75	34.61 2.48 -5.45	41.16 2.68 -11.12	42.69 3.27 -11.26	44.97 4.04 -7.78	70.19 4.08 -31.84	61.76 4.50 -22.09	82.10 5.00 -38.94	131.23 5.07 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.90 7.12 -151.83	172.61 7.08 -111.08	78.72 6.06 -24.54	62.38 5.12 -14.57	71.61 5.16 -25.85	48.40 4.48 -8.41	44.80 3.94 -6.84
FREEPORT___CT2 23818	43.70 3.34 -9.21	42.71 2.69 -12.61	42.31 2.46 -13.05	41.10 2.39 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.79 2.34 -2.75	34.61 2.48 -5.45	41.16 2.68 -11.12	42.69 3.27 -11.26	44.97 4.04 -7.78	70.19 4.08 -31.84	61.76 4.50 -22.09	82.10 5.00 -38.94	131.23 5.07 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.90 7.12 -151.83	172.61 7.08 -111.08	78.72 6.06 -24.54	62.38 5.12 -14.57	71.61 5.16 -25.85	48.40 4.48 -8.41	44.80 3.94 -6.84
FRESHKLS_33_KV_LOAD 356253	34.26 2.99 -0.11	29.91 2.49 -0.01	29.03 2.22 -0.01	28.23 2.19 -0.01	28.10 2.18 -0.01	27.42 2.08 -0.01	27.79 2.08 -0.01	28.88 2.19 -0.01	29.96 2.60 -0.01	59.97 3.01 -28.78	51.61 3.78 -14.69	84.41 4.18 -45.96	81.07 4.47 -41.44	80.83 4.92 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.26 6.64 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.04 -31.09	64.00 4.23 -24.25	53.18 3.67 -15.49
FULTON COGEN____ 23766	30.88 -0.28 0.00	27.14 -0.27 0.00	26.40 -0.40 0.00	25.65 -0.39 0.00	25.53 -0.39 0.00	24.98 -0.35 0.00	25.31 -0.39 0.00	26.37 -0.32 0.00	27.13 -0.22 0.00	27.83 -0.34 0.00	34.24 -0.46 -1.55	34.44 -0.24 -0.41	35.36 -0.21 -0.41	39.22 -0.31 -1.36	40.14 -0.35 -1.45	39.78 -0.38 -2.16	47.64 -0.46 -2.21	58.63 -0.54 -5.23	59.80 -0.44 -5.78	49.31 -0.38 -1.57	44.19 -0.30 -1.80	44.13 -0.28 -3.80	36.54 -0.18 -1.20	35.25 -0.37 -1.61
FULTON___LFGE 323630	35.77 4.61 0.00	31.25 3.84 0.00	30.18 3.38 0.00	29.26 3.23 0.00	29.08 3.16 0.00	28.45 3.12 0.00	28.91 3.21 0.00	30.10 3.42 0.00	31.18 3.83 0.00	32.29 4.11 0.00	38.02 4.87 0.00	39.10 4.94 0.11	40.52 5.52 0.16	43.67 5.76 0.26	47.18 5.90 -2.25	57.81 5.89 -13.92	59.03 7.06 -6.07	63.14 9.22 0.03	63.86 9.42 0.02	56.54 8.42 0.00	49.90 7.22 0.00	47.44 6.86 0.03	41.31 5.79 0.00	38.88 4.86 0.00
G.F.CEMENT___DRP 24184	33.21 2.06 0.00	29.19 1.78 0.00	28.30 1.50 0.00	27.49 1.46 0.00	27.39 1.48 0.00	26.75 1.42 0.00	27.11 1.41 0.00	28.10 1.41 0.00	29.24 1.89 0.00	30.23 2.06 0.00	35.40 2.25 0.00	36.59 2.50 0.19	37.47 2.57 0.26	40.37 2.63 0.43	43.48 2.69 -1.74	52.33 2.70 -11.63	54.39 3.35 -5.15	58.05 4.15 0.05	58.89 4.47 0.03	52.16 4.04 0.00	46.10 3.42 0.00	43.80 3.25 0.05	38.22 2.70 0.00	36.19 2.18 0.00
GARDENVILLE___LBMP 24039	30.38 -0.78 0.00	26.34 -1.07 0.00	25.51 -1.29 0.00	24.71 -1.33 0.00	24.54 -1.37 0.00	23.99 -1.34 0.00	24.18 -1.52 0.00	25.49 -1.20 0.00	26.40 -0.96 0.00	26.79 -1.38 0.00	31.16 -1.99 0.00	33.25 -1.03 0.00	33.86 -1.30 0.00	36.75 -1.41 0.00	37.32 -1.99 -0.27	37.41 -2.13 -1.54	43.98 -2.57 -0.66	51.52 -2.43 0.00	52.17 -2.29 0.00	46.34 -1.78 0.00	41.32 -1.37 0.00	39.19 -1.42 0.00	34.99 -0.53 0.00	33.26 -0.75 0.00
GARDNVLA_35_KV_LD 355827	30.53 -0.62 0.00	26.48 -0.93 0.00	25.62 -1.18 0.00	24.84 -1.20 0.00	24.67 -1.24 0.00	24.09 -1.24 0.00	24.28 -1.41 0.00	25.62 -1.07 0.00	26.56 -0.79 0.00	26.93 -1.24 0.00	31.29 -1.86 0.00	33.42 -0.86 0.00	34.07 -1.09 0.00	36.98 -1.18 0.00	37.48 -1.83 -0.27	37.61 -1.94 -1.55	44.17 -2.39 -0.67	51.79 -2.16 0.00	52.49 -1.96 0.00	46.63 -1.49 0.00	41.58 -1.11 0.00	39.43 -1.18 0.00	35.17 -0.36 0.00	33.43 -0.58 0.00
GELCKHM___115KV_LOAD 80723	30.94 -0.22 0.00	27.16 -0.25 0.00	26.45 -0.35 0.00	25.70 -0.34 0.00	25.58 -0.34 0.00	25.03 -0.30 0.00	25.36 -0.33 0.00	26.45 -0.24 0.00	27.22 -0.14 0.00	27.92 -0.25 0.00	33.34 -0.36 -0.56	34.35 -0.07 -0.15	35.24 -0.07 -0.15	38.54 -0.11 -0.49	39.46 -0.20 -0.62	39.09 -0.23 -1.32	46.64 -0.28 -1.03	55.50 -0.32 -1.88	56.26 -0.27 -2.08	48.45 -0.24 -0.56	43.17 -0.17 -0.65	41.77 -0.20 -1.37	35.88 -0.07 -0.43	34.32 -0.27 -0.58
GENERAL___MILLS 23808	30.47 -0.69 0.00	26.42 -0.99 0.00	25.59 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.57 -1.12 0.00	26.50 -0.85 0.00	26.88 -1.30 0.00	31.26 -1.89 0.00	33.35 -0.93 0.00	34.00 -1.16 0.00	36.87 -1.30 0.00	37.40 -1.91 -0.27	37.49 -2.05 -1.55	44.03 -2.52 -0.67	51.68 -2.27 0.00	52.33 -2.12 0.00	46.53 -1.59 0.00	41.49 -1.20 0.00	39.35 -1.26 0.00	35.09 -0.43 0.00	33.37 -0.65 0.00
GE_PLASTICS___DRP 24183	31.90 0.75 0.00	28.07 0.66 0.00	27.34 0.54 0.00	26.66 0.62 0.00	26.54 0.62 0.00	25.92 0.58 0.00	26.24 0.54 0.00	27.14 0.45 0.00	28.04 0.68 0.00	28.93 0.76 0.00	34.08 0.93 0.00	35.04 0.89 0.12	36.01 1.02 0.17	38.99 1.11 0.28	42.01 1.13 -1.84	50.71 1.06 -11.65	52.23 1.24 -5.11	55.32 1.40 0.04	55.80 1.36 0.02	49.37 1.25 0.00	43.71 1.02 0.00	41.91 1.34 0.04	36.62 1.10 0.00	34.83 0.82 0.00
GILBOA___1 23756	32.18 1.03 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.76 0.73 0.00	26.64 0.72 0.00	26.04 0.71 0.00	26.39 0.69 0.00	27.38 0.69 0.00	28.12 0.76 0.00	29.19 1.01 0.00	34.44 1.29 0.00	35.61 1.34 0.00	36.71 1.55 0.00	39.89 1.72 0.00	42.45 1.72 -1.69	49.42 1.67 -9.76	52.06 1.97 -4.19	56.27 2.32 0.00	56.79 2.34 0.00	50.14 2.02 0.00	44.44 1.75 0.00	42.35 1.74 0.00	37.01 1.49 0.00	35.20 1.19 0.00
GILBOA___2 23757	32.18 1.03 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.76 0.73 0.00	26.64 0.72 0.00	26.04 0.71 0.00	26.39 0.69 0.00	27.38 0.69 0.00	28.12 0.76 0.00	29.19 1.01 0.00	34.44 1.29 0.00	35.61 1.34 0.00	36.71 1.55 0.00	39.89 1.72 0.00	42.45 1.72 -1.69	49.42 1.67 -9.76	52.06 1.97 -4.19	56.27 2.32 0.00	56.79 2.34 0.00	50.14 2.02 0.00	44.44 1.75 0.00	42.35 1.74 0.00	37.01 1.49 0.00	35.20 1.19 0.00

GILBOA___3 23758	32.18 1.03 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.76 0.73 0.00	26.64 0.72 0.00	26.04 0.71 0.00	26.39 0.69 0.00	27.38 0.69 0.00	28.12 0.76 0.00	29.19 1.01 0.00	34.44 1.29 0.00	35.61 1.34 0.00	36.71 1.55 0.00	39.89 1.72 0.00	42.45 1.72 -1.69	49.42 1.67 -9.76	52.06 1.97 -4.19	56.27 2.32 0.00	56.79 2.34 0.00	50.14 2.02 0.00	44.44 1.75 0.00	42.35 1.74 0.00	37.01 1.49 0.00	35.20 1.19 0.00
GILBOA___4 23759	32.18 1.03 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.76 0.73 0.00	26.64 0.72 0.00	26.04 0.71 0.00	26.39 0.69 0.00	27.38 0.69 0.00	28.12 0.76 0.00	29.19 1.01 0.00	34.44 1.29 0.00	35.61 1.34 0.00	36.71 1.55 0.00	39.89 1.72 0.00	42.45 1.72 -1.69	49.42 1.67 -9.76	52.06 1.97 -4.19	56.27 2.32 0.00	56.79 2.34 0.00	50.14 2.02 0.00	44.44 1.75 0.00	42.35 1.74 0.00	37.01 1.49 0.00	35.20 1.19 0.00
GILBOA___ 23599	32.18 1.03 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.77 0.73 0.00	26.64 0.73 0.00	26.04 0.71 0.00	26.39 0.69 0.00	27.38 0.69 0.00	28.26 0.90 0.00	29.19 1.01 0.00	34.44 1.29 0.00	35.71 1.44 0.00	36.71 1.55 0.00	39.88 1.72 0.00	42.49 1.76 -1.69	49.42 1.67 -9.76	52.06 1.97 -4.19	56.27 2.32 0.00	56.74 2.29 0.00	50.19 2.07 0.00	44.44 1.75 0.00	42.35 1.75 0.00	37.01 1.49 0.00	35.20 1.19 0.00
GINNA___ 23603	29.44 -1.71 0.00	25.68 -1.73 0.00	24.95 -1.85 0.00	24.19 -1.85 0.00	24.08 -1.84 0.00	23.54 -1.80 0.00	23.79 -1.90 0.00	25.09 -1.60 0.00	25.47 -1.89 0.00	26.48 -1.69 0.00	30.96 -2.19 0.00	32.22 -2.06 0.00	33.37 -1.79 0.00	36.18 -1.99 0.00	37.16 -2.07 -0.19	37.06 -2.01 -1.08	43.83 -2.52 -0.46	50.71 -3.24 0.00	51.19 -3.27 0.00	45.47 -2.65 0.00	40.34 -2.35 0.00	38.37 -2.23 0.00	33.85 -1.67 0.00	32.11 -1.90 0.00
GLEN PARK___ 23778	32.06 0.90 0.00	28.04 0.63 0.00	27.31 0.51 0.00	26.43 0.39 0.00	26.33 0.41 0.00	25.76 0.43 0.00	26.11 0.41 0.00	27.01 0.32 0.00	27.52 0.17 0.00	28.26 0.08 0.00	33.80 -0.07 -0.72	34.29 -0.17 -0.19	35.39 0.04 -0.19	38.72 -0.08 -0.63	39.51 -0.23 -0.70	39.05 -0.08 -1.13	47.11 0.14 -1.08	57.45 1.08 -2.43	58.77 1.63 -2.68	50.44 1.59 -0.73	45.11 1.58 -0.84	43.91 1.54 -1.77	37.18 1.10 -0.55	35.68 0.92 -0.75
GLENDALE_27_KV_LOAD 356172	34.31 3.15 -0.01	29.97 2.55 -0.01	29.06 2.25 -0.01	28.26 2.21 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.89 2.18 -0.01	29.04 2.35 -0.01	30.10 2.74 -0.01	32.20 3.13 -0.01	39.34 3.94 -2.25	44.56 4.28 -6.00	46.77 4.54 -7.07	50.21 4.96 -7.08	52.86 5.08 -8.75	54.34 4.86 -11.48	58.02 5.74 -6.40	60.64 6.64 -0.06	61.02 6.53 -0.03	53.90 5.77 0.00	47.64 4.95 0.00	45.70 5.04 -0.06	39.83 4.30 -0.01	37.80 3.78 -0.01
GLENWOOD_IC_1_G5 23712	43.64 3.27 -9.21	42.73 2.71 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.35 2.87 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.77	70.36 4.25 -31.84	61.76 4.50 -22.09	82.06 4.96 -38.94	131.28 5.11 -87.12	167.25 4.94 -124.31	196.13 6.06 -144.18	212.84 7.07 -151.83	172.51 6.97 -111.08	78.63 5.97 -24.54	62.21 4.95 -14.57	71.37 4.91 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
GLENWOOD_IC_2_G1 23688	43.55 3.18 -9.21	42.57 2.55 -12.61	42.18 2.33 -13.05	41.00 2.29 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.68 2.23 -2.75	34.51 2.37 -5.45	41.05 2.57 -11.12	42.55 3.13 -11.26	44.90 3.98 -7.78	70.22 4.11 -31.84	61.79 4.54 -22.09	82.06 4.96 -38.94	131.23 5.07 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.84 7.07 -151.83	172.56 7.03 -111.08	78.67 6.01 -24.54	62.34 5.08 -14.57	71.45 4.99 -25.85	48.19 4.26 -8.41	44.60 3.74 -6.84
GLENWOOD_IC_3_G1 23689	43.55 3.18 -9.21	42.57 2.55 -12.61	42.18 2.33 -13.05	41.00 2.29 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.68 2.23 -2.75	34.51 2.37 -5.45	41.05 2.57 -11.12	42.55 3.13 -11.26	44.90 3.98 -7.78	70.22 4.11 -31.84	61.79 4.54 -22.09	82.06 4.96 -38.94	131.23 5.07 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.84 7.07 -151.83	172.56 7.03 -111.08	78.67 6.01 -24.54	62.34 5.08 -14.57	71.45 4.99 -25.85	48.19 4.26 -8.41	44.60 3.74 -6.84
GLENWOOD___4 23550	43.64 3.27 -9.21	42.73 2.71 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.35 2.87 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.77	70.43 4.32 -31.84	61.86 4.61 -22.09	82.18 5.08 -38.94	131.35 5.19 -87.12	167.36 5.05 -124.31	196.22 6.15 -144.18	212.95 7.18 -151.83	172.61 7.08 -111.08	78.72 6.06 -24.54	62.34 5.08 -14.57	71.49 5.04 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
GLENWOOD___5 23614	43.64 3.27 -9.21	42.73 2.71 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.35 2.87 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.77	70.43 4.32 -31.84	61.86 4.61 -22.09	82.18 5.08 -38.94	131.35 5.19 -87.12	167.36 5.05 -124.31	196.22 6.15 -144.18	212.95 7.18 -151.83	172.61 7.08 -111.08	78.72 6.06 -24.54	62.34 5.08 -14.57	71.49 5.04 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
GLOBAL GREEN_PORT_GT1 23814	44.36 3.99 -9.21	43.23 3.21 -12.61	42.72 2.87 -13.05	41.50 2.79 -12.67	38.34 2.75 -9.67	34.95 2.61 -7.01	31.02 2.57 -2.75	34.96 2.83 -5.45	41.65 3.17 -11.12	43.34 3.91 -11.26	46.19 5.27 -7.78	71.92 5.79 -31.85	63.45 6.19 -22.09	83.94 6.83 -38.95	133.16 6.99 -87.13	165.77 6.88 -120.90	198.48 8.40 -144.19	277.77 9.71 -214.11	175.46 9.91 -111.09	139.12 8.37 -82.63	64.10 6.83 -14.58	73.04 6.58 -25.86	49.15 5.22 -8.41	45.41 4.56 -6.84
GLOBE___DSASP 323697	29.07 -2.09 0.00	25.27 -2.14 0.00	24.47 -2.33 0.00	23.95 -2.08 0.00	23.61 -2.31 0.00	23.28 -2.05 0.00	23.25 -2.44 0.00	24.58 -2.11 0.00	25.47 -1.89 0.00	25.69 -2.48 0.00	29.80 -3.35 0.00	31.88 -2.40 0.00	32.42 -2.74 0.00	35.19 -2.98 0.00	36.16 -3.12 -0.25	36.26 -3.15 -1.42	42.51 -3.99 -0.61	49.15 -4.80 0.00	49.88 -4.57 0.00	44.27 -3.85 0.00	39.61 -3.07 0.00	37.52 -3.09 0.00	33.53 -1.99 0.00	31.90 -2.11 0.00
GOETHSLN___LBMP 323567	33.87 2.71 0.00	29.63 2.22 0.00	28.70 1.90 0.00	27.91 1.87 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.55 1.85 0.00	28.69 2.00 0.00	29.76 2.41 0.00	30.96 2.79 0.00	38.87 3.55 -2.17	43.86 3.77 -5.82	46.23 4.01 -7.06	49.60 4.35 -7.08	52.24 4.45 -8.75	53.74 4.26 -11.48	57.47 5.19 -6.40	59.99 5.99 -0.06	60.42 5.94 -0.03	53.17 5.05 0.00	46.96 4.27 0.00	45.09 4.43 -0.06	39.25 3.73 0.00	37.31 3.30 0.00
GOLAH___69_KV_TB 1_2 80279	30.53 -0.62 0.00	26.64 -0.77 0.00	25.94 -0.86 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.42 -0.91 0.00	24.72 -0.98 0.00	25.94 -0.75 0.00	26.78 -0.57 0.00	27.24 -0.93 0.00	31.82 -1.33 0.00	33.66 -0.62 0.00	34.28 -0.88 0.00	37.21 -0.95 0.00	38.34 -0.90 -0.20	38.30 -0.84 -1.14	45.28 -1.10 -0.49	52.33 -1.62 0.00	53.15 -1.31 0.00	46.97 -1.15 0.00	41.96 -0.73 0.00	39.84 -0.77 0.00	35.24 -0.28 0.00	33.43 -0.58 0.00

GOODYEAR_LAKE_HYD 323669	33.03 1.87 0.00	28.92 1.51 0.00	28.11 1.31 0.00	27.26 1.22 0.00	27.13 1.22 0.00	26.55 1.22 0.00	26.95 1.26 0.00	28.07 1.39 0.00	28.97 1.61 0.00	29.92 1.75 0.00	35.24 2.09 0.00	36.60 2.33 0.00	37.66 2.50 0.00	40.84 2.67 0.00	42.25 2.69 -0.51	43.53 2.58 -2.95	50.32 3.17 -1.27	57.94 3.99 0.00	58.54 4.08 0.00	51.68 3.56 0.00	45.76 3.07 0.00	43.49 2.88 0.00	37.97 2.45 0.00	36.05 2.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.59 0.44 0.00	27.63 0.22 0.00	26.85 0.05 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.67 -0.03 0.00	26.79 0.11 0.00	27.63 0.27 0.00	28.40 0.23 0.00	33.63 0.17 -0.32	34.91 0.55 -0.08	35.81 0.56 -0.08	39.02 0.57 -0.28	40.18 0.35 -0.79	41.59 0.30 -3.29	47.98 0.41 -1.67	55.83 0.81 -1.07	56.56 0.93 -1.18	49.31 0.87 -0.32	43.78 0.73 -0.37	42.07 0.69 -0.78	36.55 0.78 -0.24	34.85 0.51 -0.33
GOUDEY___7 23579	31.62 0.47 0.00	27.66 0.25 0.00	26.85 0.05 0.00	26.09 0.05 0.00	25.94 0.03 0.00	25.38 0.05 0.00	25.70 0.00 0.00	26.82 0.13 0.00	27.65 0.30 0.00	28.43 0.25 0.00	33.67 0.20 -0.32	34.97 0.62 -0.08	35.88 0.63 -0.08	39.09 0.65 -0.28	40.22 0.39 -0.79	41.62 0.34 -3.29	48.02 0.46 -1.67	55.88 0.86 -1.07	56.62 0.98 -1.18	49.36 0.91 -0.32	43.87 0.81 -0.37	42.12 0.73 -0.78	36.58 0.82 -0.24	34.89 0.54 -0.33
GOUDEY___8 23580	31.59 0.44 0.00	27.63 0.22 0.00	26.85 0.05 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.67 -0.03 0.00	26.79 0.11 0.00	27.63 0.27 0.00	28.40 0.23 0.00	33.63 0.17 -0.32	34.91 0.55 -0.08	35.81 0.56 -0.08	39.02 0.57 -0.28	40.18 0.35 -0.79	41.59 0.30 -3.29	47.98 0.41 -1.67	55.83 0.81 -1.07	56.56 0.93 -1.18	49.31 0.87 -0.32	43.78 0.73 -0.37	42.07 0.69 -0.78	36.55 0.78 -0.24	34.85 0.51 -0.33
GOWANUS_GT1_1 24077	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_2 24078	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_3 24079	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_4 24080	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_5 24084	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_6 24111	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_7 24112	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT1_8 24113	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_1 24114	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_2 24115	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_3 24116	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49

GOWANUS_GT2_4 24117	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_5 24118	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_6 24119	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_7 24120	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT2_8 24121	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT3_1 24122	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT3_2 24123	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30	

GOWANUS_GT4_3 24132	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT4_4 24133	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT4_5 24134	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT4_6 24135	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT4_7 24136	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GOWANUS_GT4_8 24137	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GREENBSH_115KV_TB3 55895	31.87 0.72 0.00	28.10 0.69 0.00	27.36 0.56 0.00	26.69 0.65 0.00	26.56 0.65 0.00	25.94 0.61 0.00	26.24 0.54 0.00	27.14 0.45 0.00	28.04 0.68 0.00	28.96 0.79 0.00	34.08 0.93 0.00	35.10 0.99 0.17	36.05 1.13 0.24	39.01 1.22 0.38	42.05 1.29 -1.72	50.56 1.22 -11.35	52.32 1.42 -5.01	55.57 1.67 0.05	56.06 1.63 0.03	49.57 1.44 0.00	43.88 1.20 0.00	41.86 1.30 0.05	36.59 1.07 0.00	34.80 0.78 0.00
GREENDGE_115KV_TB5 80291	31.41 0.25 0.00	27.36 -0.05 0.00	26.48 -0.32 0.00	25.67 -0.36 0.00	25.53 -0.39 0.00	25.00 -0.33 0.00	25.34 -0.36 0.00	26.61 -0.08 0.00	27.41 0.05 0.00	28.03 -0.14 0.00	32.98 -0.43 -0.26	34.51 0.17 -0.07	35.16 -0.07 -0.07	38.13 -0.27 -0.23	38.82 -0.74 -0.52	39.19 -0.76 -1.95	46.07 -0.87 -1.05	53.96 -0.86 -0.88	54.88 -0.54 -0.97	47.95 -0.43 -0.26	42.78 -0.21 -0.30	40.92 -0.32 -0.64	36.18 0.46 -0.20	34.32 0.03 -0.27
GREENIDGE___3 23582	31.41 0.25 0.00	27.36 -0.05 0.00	26.48 -0.32 0.00	25.67 -0.36 0.00	25.53 -0.39 0.00	25.00 -0.33 0.00	25.34 -0.36 0.00	26.61 -0.08 0.00	27.41 0.05 0.00	28.03 -0.14 0.00	32.98 -0.43 -0.26	34.51 0.17 -0.07	35.16 -0.07 -0.07	38.13 -0.27 -0.23	38.82 -0.74 -0.52	39.19 -0.76 -1.95	46.07 -0.87 -1.05	53.96 -0.86 -0.88	54.88 -0.54 -0.97	47.95 -0.43 -0.26	42.78 -0.21 -0.30	40.92 -0.32 -0.64	36.18 0.46 -0.20	34.32 0.03 -0.27
GREENIDGE___4 23583	31.40 0.25 0.00	27.36 -0.05 0.00	26.48 -0.32 0.00	25.67 -0.36 0.00	25.53 -0.39 0.00	25.00 -0.33 0.00	25.34 -0.36 0.00	26.61 -0.08 0.00	27.00 -0.36 0.00	28.03 -0.14 0.00	32.98 -0.43 -0.26	34.10 -0.24 -0.07	35.16 -0.07 -0.07	38.09 -0.31 -0.23	38.78 -0.78 -0.52	39.15 -0.80 -1.95	46.07 -0.87 -1.05	53.96 -0.87 -0.88	54.66 -0.76 -0.97	48.05 -0.33 -0.26	42.65 -0.34 -0.30	40.92 -0.33 -0.64	36.18 0.46 -0.20	34.32 0.03 -0.27
GREENLWN_69_KV_BK 3 55738	43.08 2.71 -9.21	42.35 2.33 -12.61	41.96 2.12 -13.05	40.82 2.11 -12.67	37.71 2.13 -9.67	34.37 2.03 -7.01	30.53 2.08 -2.75	34.35 2.21 -5.45	41.10 2.63 -11.12	42.30 2.87 -11.26	44.40 3.48 -7.77	69.95 3.84 -31.83	61.33 4.08 -22.09	81.64 4.54 -38.93	130.88 4.72 -87.11	163.47 4.56 -120.91	195.66 5.60 -144.18	198.64 6.53 -138.17	171.96 6.43 -111.08	65.35 5.44 -11.80	61.74 4.48 -14.57	70.92 4.47 -25.84	47.62 3.69 -8.40	44.05 3.20 -6.84
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
GRISSOM___SOLAR 323813	35.77 4.61 0.00	31.25 3.84 0.00	30.18 3.38 0.00	29.26 3.23 0.00	29.08 3.16 0.00	28.45 3.12 0.00	28.91 3.21 0.00	30.10 3.42 0.00	31.18 3.83 0.00	32.29 4.11 0.00	38.02 4.87 0.00	39.10 4.94 0.11	40.52 5.52 0.16	43.67 5.76 0.26	47.18 5.90 -2.25	57.81 5.89 -13.92	59.03 7.06 -6.07	63.14 9.22 0.03	63.86 9.42 0.02	56.54 8.42 0.00	49.90 7.22 0.00	47.44 6.86 0.03	41.31 5.79 0.00	38.88 4.86 0.00
GROVEVILLE___HYD 323602	33.74 2.59 0.00	29.52 2.11 0.00	28.65 1.85 0.00	27.88 1.85 0.00	27.76 1.84 0.00	27.08 1.75 0.00	27.47 1.77 0.00	28.53 1.84 0.00	29.60 2.24 0.00	30.74 2.56 0.00	36.46 3.31 0.00	38.02 3.60 -0.15	39.21 3.83 -0.22	42.79 4.27 -0.35	45.66 4.45 -2.17	53.51 4.29 -11.22	55.92 5.32 -4.70	60.20 6.20 -0.04	60.69 6.21 -0.02	53.32 5.20 0.00	47.00 4.31 0.00	44.87 4.22 -0.04	39.00 3.48 0.00	36.97 2.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89

HAMLTNNY_34_KV_TB 80303	31.22 0.06 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.85 -0.18 0.00	25.74 -0.18 0.00	25.18 -0.15 0.00	25.52 -0.18 0.00	26.66 -0.03 0.00	27.46 0.11 0.00	28.20 0.03 0.00	33.96 -0.07 -0.88	34.78 0.27 -0.23	35.68 0.28 -0.23	39.20 0.27 -0.77	40.12 0.16 -0.92	39.91 0.11 -1.80	47.52 0.14 -1.49	57.07 0.16 -2.96	58.00 0.27 -3.27	49.20 0.19 -0.89	43.97 0.26 -1.02	42.96 0.20 -2.15	36.52 0.32 -0.68	34.96 0.03 -0.91
HAMPSHIRE___PAPER_HYD 323593	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.97 -0.38 0.00	27.58 -0.59 0.00	32.61 -0.83 -0.28	33.42 -0.92 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.92 -0.60 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
HARDSCRABBLE_WT_PWR 323673	31.40 0.25 0.00	27.58 0.17 0.00	26.94 0.13 0.00	26.11 0.08 0.00	25.99 0.08 0.00	25.38 0.05 0.00	25.72 0.03 0.00	26.66 -0.03 0.00	27.38 0.03 0.00	28.29 0.11 0.00	33.21 0.07 0.00	34.24 -0.03 0.00	35.23 0.07 0.00	38.24 0.08 0.00	39.12 0.08 0.00	38.03 0.04 0.00	45.94 0.05 0.00	54.06 0.11 0.00	54.67 0.22 0.00	48.41 0.29 0.00	42.95 0.26 0.00	40.89 0.29 0.00	35.74 0.21 0.00	34.08 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.52 2.37 0.00	29.36 1.95 0.00	28.46 1.66 0.00	27.68 1.64 0.00	27.55 1.63 0.00	26.90 1.57 0.00	27.29 1.59 0.00	28.34 1.65 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.20 3.05 0.00	37.76 3.32 -0.16	38.95 3.55 -0.23	42.51 3.97 -0.37	45.24 4.14 -2.06	52.46 3.99 -10.47	55.17 4.91 -4.37	59.71 5.72 -0.05	60.14 5.66 -0.02	52.93 4.81 0.00	46.66 3.97 0.00	44.55 3.90 -0.05	38.79 3.27 0.00	36.77 2.76 0.00
HARSNRAD_115KV_TB1 81005	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.34 -1.69 0.00	24.28 -1.63 0.00	23.64 -1.70 0.00	23.90 -1.80 0.00	25.17 -1.52 0.00	26.09 -1.26 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	32.70 -1.58 0.00	33.30 -1.86 0.00	36.11 -2.06 0.00	37.02 -2.26 -0.24	37.00 -2.39 -1.39	43.51 -2.98 -0.60	50.55 -3.40 0.00	51.30 -3.16 0.00	45.52 -2.60 0.00	40.72 -1.96 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
HARZA MOOSE___RIVER 24016	32.03 0.87 0.00	28.01 0.60 0.00	27.31 0.51 0.00	26.45 0.42 0.00	26.36 0.44 0.00	25.76 0.43 0.00	26.13 0.44 0.00	27.09 0.40 0.00	27.79 0.44 0.00	28.51 0.34 0.00	33.69 0.30 -0.24	34.71 0.38 -0.06	35.65 0.42 -0.06	38.80 0.42 -0.21	39.69 0.39 -0.26	38.93 0.42 -0.51	46.95 0.64 -0.42	56.33 1.56 -0.81	57.15 1.80 -0.90	49.95 1.59 -0.24	44.42 1.45 -0.28	42.58 1.38 -0.59	36.67 0.96 -0.19	35.18 0.92 -0.25
HDSNBRDG_115KV_BRDG_TB1 355580	30.97 -0.19 0.00	27.19 -0.22 0.00	26.45 -0.35 0.00	25.70 -0.34 0.00	25.58 -0.34 0.00	25.03 -0.30 0.00	25.36 -0.33 0.00	26.45 -0.24 0.00	27.24 -0.11 0.00	27.95 -0.23 0.00	33.28 -0.33 -0.47	34.36 -0.03 -0.12	35.25 -0.04 -0.12	38.50 -0.08 -0.41	39.38 -0.20 -0.54	39.00 -0.23 -1.23	46.53 -0.28 -0.91	55.19 -0.32 -1.57	55.97 -0.22 -1.73	48.35 -0.24 -0.47	43.06 -0.17 -0.54	41.54 -0.20 -1.14	35.84 -0.04 -0.36	34.26 -0.24 -0.48
HELLGATE_13_KV_LD 55870	34.12 2.96 -0.01	29.83 2.41 -0.01	28.95 2.14 -0.01	28.15 2.11 -0.01	28.02 2.10 -0.01	27.34 2.00 -0.01	27.76 2.06 -0.01	28.91 2.21 -0.01	29.96 2.60 -0.01	32.03 2.96 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.52 4.29 -7.07	49.90 4.66 -7.08	52.59 4.80 -8.75	54.04 4.56 -11.49	57.66 5.37 -6.40	60.16 6.15 -0.06	60.59 6.10 -0.03	53.51 5.39 0.00	47.30 4.61 0.00	45.38 4.71 -0.06	39.54 4.01 -0.01	37.52 3.50 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.12 2.96 -0.01	29.83 2.41 -0.01	28.95 2.14 -0.01	28.15 2.11 -0.01	28.02 2.10 -0.01	27.34 2.00 -0.01	27.76 2.06 -0.01	28.91 2.21 -0.01	29.96 2.60 -0.01	32.03 2.96 -0.90	39.11 3.71 -2.25	44.28 4.01 -6.00	46.52 4.29 -7.07	49.90 4.66 -7.08	52.59 4.80 -8.75	54.04 4.56 -11.49	57.66 5.37 -6.40	60.16 6.15 -0.06	60.59 6.10 -0.03	53.51 5.39 0.00	47.30 4.61 0.00	45.38 4.71 -0.06	39.54 4.01 -0.01	37.52 3.50 -0.01
HEMPSTEAD____ 23647	43.45 3.09 -9.21	42.51 2.49 -12.61	42.12 2.28 -13.05	40.95 2.24 -12.67	37.82 2.23 -9.67	34.47 2.13 -7.01	30.63 2.18 -2.75	34.45 2.32 -5.45	40.99 2.51 -11.12	42.50 3.07 -11.26	44.83 3.91 -7.78	70.09 3.97 -31.84	61.65 4.39 -22.09	81.95 4.85 -38.94	131.12 4.96 -87.12	167.13 4.83 -124.31	195.95 5.88 -144.18	212.63 6.85 -151.83	172.40 6.86 -111.08	78.53 5.87 -24.54	62.17 4.91 -14.57	71.29 4.83 -25.85	48.08 4.15 -8.41	44.53 3.67 -6.84
HEWLETT_69_KV_BK3 55828	43.79 3.43 -9.21	42.84 2.82 -12.61	42.39 2.55 -13.05	41.18 2.47 -12.67	38.08 2.49 -9.67	34.70 2.36 -7.01	30.84 2.39 -2.75	34.69 2.56 -5.45	41.43 2.95 -11.12	42.78 3.35 -11.26	45.20 4.28 -7.77	70.77 4.66 -31.84	62.18 4.92 -22.09	82.33 5.23 -38.94	131.43 5.27 -87.12	171.58 5.13 -128.45	196.31 6.24 -144.18	213.12 7.34 -151.83	172.78 7.24 -111.08	78.96 6.30 -24.54	62.81 5.55 -14.57	71.94 5.48 -25.85	48.54 4.62 -8.41	44.90 4.05 -6.84
HICKLING___1 23621	31.50 0.34 0.00	27.44 0.03 0.00	26.53 -0.27 0.00	25.72 -0.31 0.00	25.53 -0.39 0.00	25.03 -0.30 0.00	25.28 -0.41 0.00	26.53 -0.16 0.00	27.35 0.00 0.00	28.06 -0.11 0.00	33.05 -0.36 -0.26	34.62 0.27 -0.07	35.41 0.18 -0.07	38.55 0.15 -0.23	39.29 -0.39 -0.63	40.19 -0.42 -2.61	46.81 -0.41 -1.34	54.88 0.05 -0.88	55.70 0.27 -0.97	48.77 0.38 -0.26	43.38 0.38 -0.30	41.57 0.32 -0.64	36.43 0.71 -0.20	34.62 0.34 -0.27
HICKLING___2 23622	31.50 0.34 0.00	27.44 0.03 0.00	26.53 -0.27 0.00	25.72 -0.31 0.00	25.53 -0.39 0.00	25.03 -0.30 0.00	25.28 -0.41 0.00	26.53 -0.16 0.00	27.35 0.00 0.00	28.06 -0.11 0.00	33.05 -0.36 -0.26	34.62 0.27 -0.07	35.41 0.18 -0.07	38.55 0.15 -0.23	39.29 -0.39 -0.63	40.19 -0.42 -2.61	46.81 -0.41 -1.34	54.88 0.05 -0.88	55.70 0.27 -0.97	48.77 0.38 -0.26	43.38 0.38 -0.30	41.57 0.32 -0.64	36.43 0.71 -0.20	34.62 0.34 -0.27
HIGH FALLS___HY 23754	33.71 2.55 0.00	29.47 2.06 0.00	28.57 1.77 0.00	27.78 1.74 0.00	27.65 1.74 0.00	26.98 1.65 0.00	27.39 1.70 0.00	28.45 1.76 0.00	29.46 2.11 0.00	30.40 2.23 0.00	36.07 2.92 0.00	37.59 3.22 -0.09	38.74 3.45 -0.13	42.27 3.89 -0.21	45.10 4.06 -2.00	52.66 3.95 -10.72	55.47 5.05 -4.53	59.96 5.99 -0.03	60.51 6.04 -0.01	53.13 5.00 0.00	46.83 4.14 0.00	44.90 4.26 -0.03	39.00 3.48 0.00	36.97 2.96 0.00
HIGH_RIVER___SOLAR 323847	32.74 1.59 0.00	28.75 1.34 0.00	27.95 1.15 0.00	27.16 1.12 0.00	27.06 1.14 0.00	26.42 1.09 0.00	26.78 1.08 0.00	27.78 1.09 0.00	28.69 1.34 0.00	29.61 1.44 0.00	34.87 1.72 0.00	36.06 1.92 0.14	37.01 2.04 0.20	40.02 2.18 0.32	43.22 2.23 -1.95	52.65 2.20 -12.45	54.01 2.66 -5.46	57.20 3.29 0.04	57.81 3.38 0.02	51.15 3.03 0.00	45.29 2.60 0.00	43.04 2.48 0.04	37.65 2.13 0.00	35.75 1.73 0.00

HILLBURN___GT 23639	33.52 2.37 0.00	29.30 1.89 0.00	28.49 1.69 0.00	27.70 1.67 0.00	27.58 1.66 0.00	26.90 1.57 0.00	27.32 1.62 0.00	28.40 1.71 0.00	29.24 1.89 0.00	30.60 2.42 0.00	36.26 3.12 0.00	37.66 3.22 -0.17	39.03 3.62 -0.24	42.56 4.01 -0.39	45.28 4.14 -2.11	52.68 3.99 -10.69	55.31 4.96 -4.46	59.77 5.78 -0.05	60.20 5.72 -0.03	52.93 4.81 0.00	46.70 4.01 0.00	44.59 3.94 -0.05	38.82 3.30 0.00	36.83 2.82 0.00
HILLSIDE_115KV_TB1 80332	31.06 -0.09 0.00	27.08 -0.33 0.00	26.24 -0.56 0.00	25.46 -0.57 0.00	25.27 -0.65 0.00	24.75 -0.58 0.00	25.00 -0.69 0.00	26.18 -0.51 0.00	27.02 -0.33 0.00	27.75 -0.42 0.00	32.72 -0.70 -0.27	34.17 -0.17 -0.07	34.99 -0.25 -0.07	38.10 -0.31 -0.24	38.88 -0.82 -0.66	39.86 -0.84 -2.70	46.31 -0.96 -1.38	54.37 -0.49 -0.91	55.08 -0.38 -1.01	48.15 -0.24 -0.27	42.83 -0.17 -0.31	41.03 -0.24 -0.66	35.91 0.18 -0.21	34.19 -0.10 -0.28
HISHELDN_WT_PWR 323625	30.44 -0.72 0.00	26.40 -1.01 0.00	25.54 -1.26 0.00	24.74 -1.30 0.00	24.57 -1.35 0.00	24.02 -1.32 0.00	24.20 -1.49 0.00	25.49 -1.20 0.00	25.63 -1.72 0.00	26.79 -1.38 0.00	31.13 -2.02 0.00	32.39 -1.89 0.00	33.79 -1.37 0.00	36.64 -1.53 0.00	37.22 -2.11 -0.29	37.45 -2.20 -1.66	44.03 -2.57 -0.71	51.41 -2.53 0.00	51.68 -2.78 0.00	46.53 -1.59 0.00	41.07 -1.62 0.00	39.23 -1.38 0.00	34.99 -0.53 0.00	33.23 -0.78 0.00
HOLTSVILLE_IC_1 23690	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.24 5.07 -87.13	163.75 4.86 -120.89	196.09 6.01 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.62 6.06 -81.44	62.39 5.12 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.66 3.81 -6.84
HOLTSVILLE_IC_10 23699	43.83 3.46 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.08 2.49 -9.67	34.75 2.41 -7.01	30.89 2.44 -2.75	34.72 2.59 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.17 4.24 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.13 5.21 -120.93	196.51 6.42 -144.19	279.12 7.55 -217.62	173.11 7.57 -111.09	140.52 6.49 -85.90	62.78 5.51 -14.58	71.83 5.36 -25.86	48.44 4.51 -8.41	44.90 4.05 -6.84
HOLTSVILLE_IC_2 23691	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.24 5.07 -87.13	163.75 4.86 -120.89	196.09 6.01 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.62 6.06 -81.44	62.39 5.12 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.66 3.81 -6.84
HOLTSVILLE_IC_3 23692	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.24 5.07 -87.13	163.75 4.86 -120.89	196.09 6.01 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.62 6.06 -81.44	62.39 5.12 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.66 3.81 -6.84
HOLTSVILLE_IC_4 23693	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.24 5.07 -87.13	163.75 4.86 -120.89	196.09 6.01 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.62 6.06 -81.44	62.39 5.12 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.66 3.81 -6.84
HOLTSVILLE_IC_5 23694	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.24 5.07 -87.13	163.75 4.86 -120.89	196.09 6.01 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.62 6.06 -81.44	62.39 5.12 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.66 3.81 -6.84
HOLTSVILLE_IC_6 23695	43.83 3.46 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.08 2.49 -9.67	34.75 2.41 -7.01	30.89 2.44 -2.75	34.72 2.59 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.17 4.24 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.13 5.21 -120.93	196.51 6.42 -144.19	279.12 7.55 -217.62	173.11 7.57 -111.09	140.52 6.49 -85.90	62.78 5.51 -14.58	71.83 5.36 -25.86	48.44 4.51 -8.41	44.90 4.05 -6.84
HOLTSVILLE_IC_7 23696	43.83 3.46 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.08 2.49 -9.67	34.75 2.41 -7.01	30.89 2.44 -2.75	34.72 2.59 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.17 4.24 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.13 5.21 -120.93	196.51 6.42 -144.19	279.12 7.55 -217.62	173.11 7.57 -111.09	140.52 6.49 -85.90	62.78 5.51 -14.58	71.83 5.36 -25.86	48.44 4.51 -8.41	44.90 4.05 -6.84
HOLTSVILLE_IC_8 23697	43.83 3.46 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.08 2.49 -9.67	34.75 2.41 -7.01	30.89 2.44 -2.75	34.72 2.59 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.17 4.24 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.13 5.21 -120.93	196.51 6.42 -144.19	279.12 7.55 -217.62	173.11 7.57 -111.09	140.52 6.49 -85.90	62.78 5.51 -14.58	71.83 5.36 -25.86	48.44 4.51 -8.41	44.90 4.05 -6.84
HOLTSVILLE_IC_9 23698	43.83 3.46 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.08 2.49 -9.67	34.75 2.41 -7.01	30.89 2.44 -2.75	34.72 2.59 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.17 4.24 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.13 5.21 -120.93	196.51 6.42 -144.19	279.12 7.55 -217.62	173.11 7.57 -111.09	140.52 6.49 -85.90	62.78 5.51 -14.58	71.83 5.36 -25.86	48.44 4.51 -8.41	44.90 4.05 -6.84
HOMER_HL_115KV_TB2 355744	30.91 -0.25 0.00	26.78 -0.63 0.00	25.92 -0.88 0.00	25.12 -0.91 0.00	24.88 -1.04 0.00	24.35 -0.99 0.00	24.51 -1.18 0.00	25.81 -0.88 0.00	26.67 -0.68 0.00	27.30 -0.87 0.00	31.82 -1.33 0.00	33.73 -0.55 0.00	34.46 -0.70 0.00	37.36 -0.80 0.00	36.89 -2.46 -0.30	37.20 -2.55 -1.75	43.71 -2.94 -0.75	52.71 -1.24 0.00	53.26 -1.20 0.00	47.35 -0.77 0.00	42.00 -0.68 0.00	39.84 -0.77 0.00	35.49 -0.04 0.00	33.77 -0.24 0.00
HOWARD_WT_PWR 323690	31.28 0.13 0.00	27.05 -0.36 0.00	25.97 -0.83 0.00	25.15 -0.89 0.00	24.98 -0.93 0.00	24.55 -0.79 0.00	24.77 -0.92 0.00	26.10 -0.59 0.00	26.31 -1.04 0.00	27.41 -0.76 0.00	31.95 -1.39 -0.19	32.95 -1.37 -0.05	34.19 -1.02 -0.05	37.04 -1.30 -0.17	37.63 -1.91 -0.50	38.20 -1.94 -2.14	44.67 -2.29 -1.08	52.06 -2.53 -0.64	52.66 -2.50 -0.71	46.82 -1.49 -0.19	41.50 -1.41 -0.22	39.77 -1.30 -0.47	35.53 -0.14 -0.15	33.84 -0.37 -0.20

HQ_GEN_CEDARS 23644	30.13 -1.03 0.00	26.64 -0.77 0.00	26.26 -0.54 0.00	25.46 -0.57 0.00	25.32 -0.60 0.00	24.75 -0.58 0.00	25.21 -0.49 0.00	26.10 -0.59 0.00	26.40 -0.96 0.00	27.22 -0.96 0.00	31.92 -1.23 0.00	32.66 -1.61 0.00	33.41 -1.76 0.00	36.30 -1.87 0.00	37.21 -1.83 0.00	36.25 -1.75 0.00	43.82 -2.07 0.00	51.52 -2.43 0.00	51.90 -2.56 0.00	45.96 -2.17 0.00	41.02 -1.66 0.00	38.82 -1.79 0.00	33.89 -1.63 0.00	32.86 -1.16 0.00
HQ_GEN_CEDARS_PROXY 323590	30.13 -1.03 0.00	26.70 -0.71 0.00	26.26 -0.54 0.00	25.46 -0.57 0.00	25.32 -0.60 0.00	24.75 -0.58 0.00	25.21 -0.49 0.00	26.10 -0.59 0.00	26.70 -0.66 0.00	27.21 -0.96 0.00	31.92 -1.23 0.00	32.94 -1.34 0.00	33.41 -1.76 0.00	36.30 -1.87 0.00	37.21 -1.83 0.00	36.25 -1.75 0.00	43.83 -2.06 0.00	51.52 -2.43 0.00	51.95 -2.50 0.00	45.96 -2.16 0.00	41.02 -1.67 0.00	38.82 -1.79 0.00	33.89 -1.63 0.00	32.86 -1.16 0.00
HQ_GEN_IMPORT 323601	30.60 -0.56 0.00	27.00 -0.41 0.00	26.56 -0.24 0.00	25.78 -0.26 0.00	25.63 -0.28 0.00	25.06 -0.28 0.00	25.46 -0.23 0.00	26.42 -0.27 0.00	27.05 -0.30 0.00	27.64 -0.54 0.00	32.49 -0.66 0.00	33.52 -0.75 0.00	34.11 -1.05 0.00	37.02 -1.14 0.00	37.91 -1.13 0.00	36.93 -1.06 0.00	44.60 -1.28 0.00	52.38 -1.57 0.00	52.87 -1.58 0.00	46.77 -1.35 0.00	41.58 -1.11 0.00	39.47 -1.14 0.00	34.49 -1.03 0.00	33.37 -0.65 0.00
HQ_GEN_WHEEL 23651	30.60 -0.56 0.00	27.00 -0.41 0.00	26.56 -0.24 0.00	25.78 -0.26 0.00	25.63 -0.28 0.00	25.06 -0.28 0.00	25.46 -0.23 0.00	26.42 -0.27 0.00	27.05 -0.30 0.00	27.64 -0.54 0.00	32.49 -0.66 0.00	33.52 -0.75 0.00	34.11 -1.05 0.00	37.02 -1.14 0.00	37.91 -1.13 0.00	36.93 -1.06 0.00	44.60 -1.28 0.00	52.38 -1.57 0.00	52.87 -1.58 0.00	46.77 -1.35 0.00	41.58 -1.11 0.00	39.47 -1.14 0.00	34.49 -1.03 0.00	33.37 -0.65 0.00
HUDSON_AVE_GT_3 23810	34.05 2.90 0.00	29.80 2.38 0.00	28.89 2.09 0.00	28.09 2.06 0.00	27.96 2.05 0.00	27.28 1.95 0.00	27.70 2.00 0.00	28.85 2.16 0.00	29.92 2.57 0.00	31.13 2.96 0.00	39.07 3.75 -2.17	44.13 4.04 -5.82	46.51 4.29 -7.06	49.94 4.69 -7.08	52.59 4.80 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.48 6.47 -0.06	60.91 6.43 -0.03	53.66 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.53 4.01 0.00	37.52 3.50 0.00
HUDSON_AVE_GT_4 23540	34.05 2.90 0.00	29.80 2.38 0.00	28.89 2.09 0.00	28.09 2.06 0.00	27.96 2.05 0.00	27.28 1.95 0.00	27.70 2.00 0.00	28.85 2.16 0.00	29.92 2.57 0.00	31.13 2.96 0.00	39.07 3.75 -2.17	44.13 4.04 -5.82	46.51 4.29 -7.06	49.94 4.69 -7.08	52.59 4.80 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.48 6.47 -0.06	60.91 6.43 -0.03	53.66 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.53 4.01 0.00	37.52 3.50 0.00
HUDSON_AVE_GT_5 23657	34.05 2.90 0.00	29.80 2.38 0.00	28.89 2.09 0.00	28.09 2.06 0.00	27.96 2.05 0.00	27.28 1.95 0.00	27.70 2.00 0.00	28.85 2.16 0.00	29.92 2.57 0.00	31.13 2.96 0.00	39.07 3.75 -2.17	44.13 4.04 -5.82	46.51 4.29 -7.06	49.94 4.69 -7.08	52.59 4.80 -8.75	54.08 4.60 -11.48	57.88 5.60 -6.40	60.48 6.47 -0.06	60.91 6.43 -0.03	53.66 5.53 0.00	47.34 4.65 0.00	45.37 4.71 -0.06	39.53 4.01 0.00	37.52 3.50 0.00
HUDSON_AVE_10 24168	34.05 2.90 0.00	29.77 2.36 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.70 2.00 0.00	28.82 2.13 0.00	29.90 2.54 0.00	31.10 2.93 0.00	39.04 3.71 -2.17	44.07 3.98 -5.82	46.48 4.25 -7.06	49.90 4.66 -7.08	52.51 4.72 -8.75	56.13 4.56 -13.57	57.84 5.55 -6.40	60.42 6.42 -0.06	60.80 6.32 -0.03	53.56 5.44 0.00	47.26 4.57 0.00	45.33 4.67 -0.06	39.50 3.98 0.00	37.48 3.47 0.00
HUDSON___115KV_TB 4 355613	32.62 1.46 0.00	28.73 1.32 0.00	27.90 1.10 0.00	27.18 1.15 0.00	27.06 1.14 0.00	26.40 1.06 0.00	26.70 1.00 0.00	27.54 0.85 0.00	28.50 1.15 0.00	29.41 1.24 0.00	34.61 1.46 0.00	35.74 1.58 0.11	36.76 1.76 0.16	39.82 1.91 0.26	42.85 1.99 -1.82	51.36 1.94 -11.43	53.28 2.39 -5.00	56.88 2.97 0.03	57.49 3.05 0.02	50.72 2.60 0.00	44.95 2.26 0.00	43.01 2.44 0.03	37.44 1.92 0.00	35.48 1.46 0.00
HUNTER MOUNT___DRP 323613	32.71 1.56 0.00	28.84 1.43 0.00	27.95 1.15 0.00	27.26 1.22 0.00	27.13 1.22 0.00	26.45 1.11 0.00	26.75 1.05 0.00	27.54 0.85 0.00	28.50 1.15 0.00	29.41 1.24 0.00	34.61 1.46 0.00	35.82 1.61 0.07	36.82 1.76 0.10	39.96 1.95 0.16	42.94 2.03 -1.87	51.40 2.01 -11.39	53.32 2.48 -4.95	57.00 3.08 0.02	57.66 3.21 0.01	50.77 2.65 0.00	44.99 2.31 0.00	43.23 2.64 0.02	37.47 1.95 0.00	35.48 1.46 0.00
HUNTINGTON_RES_REC 323705	43.45 3.09 -9.21	42.54 2.52 -12.61	42.18 2.33 -13.05	41.02 2.32 -12.67	37.87 2.28 -9.67	34.55 2.20 -7.01	30.68 2.23 -2.75	34.54 2.40 -5.45	41.08 2.60 -11.12	42.55 3.13 -11.26	44.77 3.84 -7.78	70.19 4.04 -31.88	61.69 4.43 -22.09	82.07 4.93 -38.97	131.27 5.07 -87.16	163.83 4.90 -120.93	196.17 6.06 -144.22	367.37 7.07 -306.35	172.65 7.08 -111.12	222.80 6.01 -168.66	62.33 5.03 -14.61	71.36 4.87 -25.89	48.01 4.08 -8.40	44.42 3.57 -6.84
HUNTLEY___63 23557	30.13 -1.03 0.00	26.12 -1.29 0.00	25.33 -1.47 0.00	24.58 -1.46 0.00	24.39 -1.53 0.00	23.86 -1.47 0.00	24.00 -1.70 0.00	25.33 -1.36 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.97 -1.30 0.00	33.58 -1.58 0.00	36.45 -1.72 0.00	37.26 -2.03 -0.25	37.28 -2.17 -1.45	43.80 -2.71 -0.62	50.82 -3.13 0.00	51.51 -2.94 0.00	45.91 -2.21 0.00	40.98 -1.71 0.00	38.82 -1.79 0.00	34.67 -0.85 0.00	32.96 -1.05 0.00
HUNTLEY___64 23558	30.13 -1.03 0.00	26.12 -1.29 0.00	25.33 -1.47 0.00	24.58 -1.46 0.00	24.39 -1.53 0.00	23.86 -1.47 0.00	24.00 -1.70 0.00	25.33 -1.36 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.97 -1.30 0.00	33.58 -1.58 0.00	36.45 -1.72 0.00	37.26 -2.03 -0.25	37.28 -2.17 -1.45	43.80 -2.71 -0.62	50.82 -3.13 0.00	51.51 -2.94 0.00	45.91 -2.21 0.00	40.98 -1.71 0.00	38.82 -1.79 0.00	34.67 -0.85 0.00	32.96 -1.05 0.00
HUNTLEY___65 23559	30.13 -1.03 0.00	26.12 -1.29 0.00	25.33 -1.47 0.00	24.58 -1.46 0.00	24.39 -1.53 0.00	23.86 -1.47 0.00	24.00 -1.70 0.00	25.33 -1.36 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.97 -1.30 0.00	33.58 -1.58 0.00	36.45 -1.72 0.00	37.26 -2.03 -0.25	37.28 -2.17 -1.45	43.80 -2.71 -0.62	50.82 -3.13 0.00	51.51 -2.94 0.00	45.91 -2.21 0.00	40.98 -1.71 0.00	38.82 -1.79 0.00	34.67 -0.85 0.00	32.96 -1.05 0.00
HUNTLEY___66 23560	30.13 -1.03 0.00	26.12 -1.29 0.00	25.33 -1.47 0.00	24.58 -1.46 0.00	24.39 -1.53 0.00	23.86 -1.47 0.00	24.00 -1.70 0.00	25.33 -1.36 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.97 -1.30 0.00	33.58 -1.58 0.00	36.45 -1.72 0.00	37.26 -2.03 -0.25	37.28 -2.17 -1.45	43.80 -2.71 -0.62	50.82 -3.13 0.00	51.51 -2.94 0.00	45.91 -2.21 0.00	40.98 -1.71 0.00	38.82 -1.79 0.00	34.67 -0.85 0.00	32.96 -1.05 0.00

HUNTLEY___67 23561	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.45 -1.59 0.00	24.28 -1.63 0.00	23.74 -1.60 0.00	23.92 -1.77 0.00	25.25 -1.44 0.00	26.15 -1.20 0.00	26.48 -1.69 0.00	30.73 -2.42 0.00	32.83 -1.44 0.00	33.44 -1.72 0.00	36.26 -1.91 0.00	37.03 -2.26 -0.26	37.12 -2.36 -1.48	43.59 -2.94 -0.64	50.82 -3.13 0.00	51.51 -2.94 0.00	45.72 -2.41 0.00	40.81 -1.88 0.00	38.70 -1.91 0.00	34.53 -0.99 0.00	32.86 -1.16 0.00
HUNTLEY___68 23562	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.45 -1.59 0.00	24.28 -1.63 0.00	23.74 -1.60 0.00	23.92 -1.77 0.00	25.25 -1.44 0.00	26.15 -1.20 0.00	26.48 -1.69 0.00	30.73 -2.42 0.00	32.83 -1.44 0.00	33.44 -1.72 0.00	36.26 -1.91 0.00	37.03 -2.26 -0.26	37.12 -2.36 -1.48	43.59 -2.94 -0.64	50.82 -3.13 0.00	51.51 -2.94 0.00	45.72 -2.41 0.00	40.81 -1.88 0.00	38.70 -1.91 0.00	34.53 -0.99 0.00	32.86 -1.16 0.00
HYLAND___LFGE 323620	32.18 1.03 0.00	27.88 0.47 0.00	26.94 0.13 0.00	26.06 0.03 0.00	25.92 0.00 0.00	25.36 0.03 0.00	25.46 -0.23 0.00	26.42 -0.27 0.00	26.01 -1.34 0.00	26.68 -1.49 0.00	30.70 -2.45 0.00	31.84 -2.43 0.00	33.12 -2.04 0.00	36.03 -2.14 0.00	37.21 -2.11 -0.28	37.54 -2.05 -1.59	44.51 -2.06 -0.68	52.44 -1.51 0.00	54.02 -0.44 0.00	49.13 1.01 0.00	43.93 1.24 0.00	41.82 1.22 0.00	37.05 1.53 0.00	34.96 0.95 0.00
INDECK___CORINTH 23802	32.81 1.65 0.00	28.83 1.42 0.00	27.95 1.15 0.00	27.15 1.12 0.00	27.06 1.14 0.00	26.42 1.09 0.00	26.80 1.10 0.00	27.75 1.07 0.00	28.77 1.42 0.00	29.89 1.72 0.00	34.94 1.79 0.00	35.98 1.88 0.18	36.91 2.00 0.26	39.77 2.02 0.41	42.87 2.07 -1.76	51.83 2.13 -11.71	53.78 2.71 -5.18	57.30 3.40 0.05	58.18 3.75 0.03	51.49 3.37 0.00	45.50 2.82 0.00	43.23 2.68 0.05	37.72 2.20 0.00	35.71 1.70 0.00
INDECK___ILION 23567	31.47 0.31 0.00	27.66 0.25 0.00	26.99 0.19 0.00	26.22 0.18 0.00	26.10 0.18 0.00	25.49 0.15 0.00	25.85 0.15 0.00	26.82 0.13 0.00	27.57 0.22 0.00	28.40 0.23 0.00	33.41 0.27 0.00	34.58 0.31 0.00	35.52 0.35 0.00	38.55 0.38 0.00	39.43 0.39 0.00	38.34 0.34 0.00	46.30 0.41 0.00	54.54 0.59 0.00	55.11 0.65 0.00	48.70 0.58 0.00	43.20 0.51 0.00	41.09 0.49 0.00	35.91 0.39 0.00	34.29 0.27 0.00
INDECK___OLEAN 23982	30.91 -0.25 0.00	26.75 -0.66 0.00	25.92 -0.88 0.00	25.12 -0.91 0.00	24.88 -1.04 0.00	24.35 -0.99 0.00	24.51 -1.18 0.00	25.81 -0.88 0.00	26.04 -1.31 0.00	27.30 -0.87 0.00	31.82 -1.33 0.00	33.04 -1.23 0.00	34.46 -0.70 0.00	37.36 -0.80 0.00	36.81 -2.54 -0.30	37.13 -2.62 -1.75	43.70 -2.94 -0.75	52.71 -1.24 0.00	52.93 -1.52 0.00	47.49 -0.63 0.00	41.88 -0.81 0.00	39.88 -0.73 0.00	35.49 -0.04 0.00	33.78 -0.24 0.00
INDECK___OSWEGO 23783	30.66 -0.50 0.00	26.94 -0.47 0.00	26.24 -0.56 0.00	25.49 -0.55 0.00	25.37 -0.55 0.00	24.83 -0.51 0.00	25.15 -0.54 0.00	26.18 -0.51 0.00	26.78 -0.58 0.00	27.61 -0.56 0.00	34.47 -0.73 -2.06	34.13 -0.69 -0.54	35.18 -0.53 -0.54	39.32 -0.65 -1.80	40.22 -0.70 -1.88	39.93 -0.68 -2.61	47.88 -0.82 -2.81	59.94 -0.92 -6.91	61.17 -0.93 -7.65	49.48 -0.72 -2.08	44.44 -0.64 -2.39	45.07 -0.57 -5.03	36.64 -0.46 -1.58	35.53 -0.61 -2.13
INDECK___YERKES 23781	30.16 -1.00 0.00	26.15 -1.26 0.00	25.35 -1.45 0.00	24.60 -1.43 0.00	24.41 -1.50 0.00	23.89 -1.44 0.00	24.03 -1.67 0.00	25.35 -1.33 0.00	25.41 -1.94 0.00	26.57 -1.60 0.00	30.86 -2.29 0.00	32.15 -2.13 0.00	33.62 -1.55 0.00	36.49 -1.68 0.00	37.18 -2.11 -0.25	37.20 -2.24 -1.45	43.85 -2.66 -0.62	50.88 -3.07 0.00	51.03 -3.43 0.00	46.20 -1.93 0.00	40.77 -1.92 0.00	38.86 -1.74 0.00	34.71 -0.82 0.00	32.99 -1.02 0.00
INDIAN POINT_GT_1 24139	33.55 2.40 0.00	29.36 1.95 0.00	28.52 1.72 0.00	27.73 1.69 0.00	27.60 1.68 0.00	26.95 1.62 0.00	27.34 1.64 0.00	28.45 1.76 0.00	29.49 2.13 0.00	30.62 2.45 0.00	36.30 3.15 0.00	37.85 3.39 -0.19	45.84 3.62 -7.05	49.24 4.01 -7.06	51.89 4.14 -8.71	53.30 3.99 -11.32	57.17 4.96 -6.33	59.83 5.83 -0.05	60.20 5.72 -0.03	52.98 4.86 0.00	46.70 4.01 0.00	44.64 3.98 -0.05	38.86 3.34 0.00	36.90 2.89 0.00
INDIAN POINT_GT_2 23659	33.55 2.40 0.00	29.36 1.95 0.00	28.52 1.72 0.00	27.73 1.69 0.00	27.60 1.68 0.00	26.95 1.62 0.00	27.34 1.64 0.00	28.45 1.76 0.00	29.49 2.13 0.00	30.62 2.45 0.00	36.30 3.15 0.00	37.85 3.39 -0.19	45.84 3.62 -7.05	49.24 4.01 -7.06	51.89 4.14 -8.71	53.30 3.99 -11.32	57.17 4.96 -6.33	59.83 5.83 -0.05	60.20 5.72 -0.03	52.98 4.86 0.00	46.70 4.01 0.00	44.64 3.98 -0.05	38.86 3.34 0.00	36.90 2.89 0.00
INDIAN POINT_GT_3 24019	33.55 2.40 0.00	29.36 1.95 0.00	28.52 1.72 0.00	27.73 1.69 0.00	27.60 1.68 0.00	26.95 1.62 0.00	27.34 1.64 0.00	28.45 1.76 0.00	29.49 2.13 0.00	30.62 2.45 0.00	36.30 3.15 0.00	37.85 3.39 -0.19	45.84 3.62 -7.05	49.24 4.01 -7.06	51.89 4.14 -8.71	53.30 3.99 -11.32	57.17 4.96 -6.33	59.83 5.83 -0.05	60.20 5.72 -0.03	52.98 4.86 0.00	46.70 4.01 0.00	44.64 3.98 -0.05	38.86 3.34 0.00	36.90 2.89 0.00
INDIAN POINT___2 23530	33.49 2.34 0.00	29.28 1.86 0.00	28.46 1.66 0.00	27.70 1.67 0.00	27.58 1.66 0.00	26.90 1.57 0.00	27.32 1.62 0.00	28.40 1.71 0.00	29.24 1.89 0.00	30.57 2.39 0.00	36.20 3.05 0.00	37.61 3.15 -0.18	45.76 3.55 -7.04	49.11 3.89 -7.05	51.73 4.02 -8.66	52.96 3.88 -11.09	56.94 4.82 -6.23	59.61 5.61 -0.05	60.09 5.61 -0.03	52.84 4.72 0.00	46.61 3.92 0.00	44.52 3.86 -0.05	38.79 3.27 0.00	36.83 2.82 0.00
INDIAN POINT___3 23531	33.49 2.34 0.00	29.30 1.89 0.00	28.46 1.66 0.00	27.70 1.67 0.00	27.58 1.66 0.00	26.90 1.57 0.00	27.31 1.62 0.00	28.39 1.71 0.00	29.40 2.05 0.00	30.54 2.37 0.00	36.20 3.05 0.00	37.75 3.29 -0.19	45.73 3.52 -7.05	49.12 3.89 -7.06	51.74 3.98 -8.71	53.16 3.84 -11.33	56.99 4.77 -6.33	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.57 3.88 0.00	44.52 3.86 -0.05	38.75 3.23 0.00	36.80 2.79 0.00
INGHAM_C_115KV_TB7 356103	31.37 0.22 0.00	27.55 0.14 0.00	26.91 0.11 0.00	26.11 0.08 0.00	25.99 0.08 0.00	25.38 0.05 0.00	25.72 0.03 0.00	26.66 -0.03 0.00	27.41 0.05 0.00	28.23 0.06 0.00	33.18 0.03 0.00	34.27 0.00 0.00	35.23 0.07 0.00	38.24 0.08 0.00	39.12 0.08 0.00	38.00 0.00 0.00	45.89 0.00 0.00	54.06 0.11 0.00	54.67 0.22 0.00	48.41 0.29 0.00	42.94 0.26 0.00	40.89 0.28 0.00	35.73 0.21 0.00	34.12 0.10 0.00
IP CORINTH___1 23988	32.96 1.81 0.00	29.00 1.59 0.00	28.09 1.29 0.00	27.29 1.25 0.00	27.19 1.27 0.00	26.55 1.22 0.00	26.93 1.23 0.00	27.91 1.23 0.00	29.05 1.70 0.00	30.03 1.86 0.00	35.14 1.99 0.00	36.29 2.19 0.18	37.09 2.18 0.26	40.00 2.25 0.41	43.11 2.30 -1.76	52.03 2.32 -11.71	54.05 2.98 -5.18	57.62 3.72 0.05	58.46 4.03 0.03	51.78 3.66 0.00	45.76 3.07 0.00	43.48 2.92 0.05	37.94 2.42 0.00	35.92 1.90 0.00

IP__TICONDEROGA 23804	34.99 3.83 0.00	30.70 3.29 0.00	29.61 2.81 0.00	28.72 2.68 0.00	28.59 2.67 0.00	27.94 2.61 0.00	28.37 2.67 0.00	29.41 2.72 0.00	30.85 3.50 0.00	31.92 3.75 0.00	37.46 4.31 0.00	38.75 4.66 0.18	39.72 4.82 0.26	42.67 4.92 0.42	45.75 4.96 -1.75	54.67 5.02 -11.66	57.02 5.97 -5.16	61.34 7.44 0.05	62.16 7.73 0.03	55.10 6.98 0.00	48.62 5.93 0.00	46.24 5.68 0.05	40.28 4.76 0.00	37.96 3.95 0.00
ISLIP_RES_REC 323679	44.04 3.67 -9.21	43.01 2.99 -12.61	42.58 2.74 -13.05	41.37 2.66 -12.67	38.23 2.64 -9.67	34.88 2.53 -7.01	31.02 2.57 -2.75	34.86 2.72 -5.45	41.40 2.93 -11.12	42.95 3.52 -11.26	45.40 4.47 -7.78	70.82 4.70 -31.85	62.35 5.10 -22.09	82.73 5.61 -38.95	131.95 5.78 -87.13	164.50 5.55 -120.95	196.92 6.84 -144.19	273.78 8.09 -211.74	173.66 8.12 -111.09	135.52 6.98 -80.42	63.16 5.89 -14.58	72.19 5.73 -25.86	48.73 4.79 -8.41	45.14 4.29 -6.84
JAMAICA__27_KV_LOAD 355505	34.47 3.30 -0.02	30.14 2.71 -0.02	29.23 2.41 -0.02	28.42 2.37 -0.02	28.29 2.36 -0.02	27.60 2.25 -0.02	28.02 2.31 -0.02	29.18 2.48 -0.02	30.27 2.90 -0.02	31.46 3.27 -0.02	39.52 4.11 -2.26	44.70 4.42 -6.01	46.95 4.71 -7.08	50.42 5.15 -7.10	53.04 5.23 -8.76	57.04 5.05 -13.99	58.45 6.15 -6.41	61.20 7.18 -0.07	61.58 7.08 -0.05	54.30 6.16 -0.02	47.91 5.21 -0.02	45.96 5.28 -0.07	40.01 4.48 -0.02	37.97 3.95 -0.02
JANIS__SOLAR 323808	32.93 1.77 0.00	28.78 1.37 0.00	27.90 1.10 0.00	27.05 1.01 0.00	26.93 1.01 0.00	26.37 1.04 0.00	26.75 1.05 0.00	27.83 1.15 0.00	28.25 0.90 0.00	29.22 1.04 0.00	34.53 0.99 -0.39	35.51 1.13 -0.10	36.71 1.44 -0.10	40.00 1.49 -0.34	41.19 1.37 -0.78	42.34 1.41 -2.94	49.36 1.88 -1.59	58.02 2.75 -1.32	59.02 3.10 -1.46	51.50 2.98 -0.40	45.83 2.69 -0.46	44.09 2.52 -0.96	38.10 2.28 -0.30	36.22 1.80 -0.41
JARVIS____ 23743	31.40 0.25 0.00	27.60 0.19 0.00	26.94 0.13 0.00	26.17 0.13 0.00	26.07 0.16 0.00	25.49 0.15 0.00	25.82 0.13 0.00	26.82 0.13 0.00	27.49 0.14 0.00	28.40 0.22 0.00	33.41 0.26 0.00	34.55 0.27 0.00	35.55 0.39 0.00	38.59 0.42 0.00	39.47 0.43 0.00	38.38 0.38 0.00	46.40 0.51 0.00	54.54 0.59 0.00	55.11 0.66 0.00	48.65 0.53 0.00	43.16 0.47 0.00	41.05 0.45 0.00	35.91 0.39 0.00	34.28 0.27 0.00
JENNISON__1 23625	33.21 2.06 0.00	29.06 1.64 0.00	28.17 1.37 0.00	27.31 1.28 0.00	27.19 1.27 0.00	26.65 1.32 0.00	27.03 1.34 0.00	28.15 1.47 0.00	28.94 1.59 0.00	29.81 1.63 0.00	35.21 1.79 -0.28	36.54 2.19 -0.07	37.59 2.36 -0.07	40.89 2.48 -0.24	42.19 2.34 -0.80	43.81 2.28 -3.53	50.48 2.85 -1.74	58.71 3.83 -0.93	59.57 4.08 -1.03	51.91 3.51 -0.28	46.13 3.12 -0.32	44.21 2.92 -0.68	38.29 2.56 -0.21	36.44 2.14 -0.29
JENNISON__2 23626	33.21 2.06 0.00	29.06 1.64 0.00	28.17 1.37 0.00	27.31 1.28 0.00	27.19 1.27 0.00	26.65 1.32 0.00	27.03 1.34 0.00	28.15 1.47 0.00	28.94 1.59 0.00	29.81 1.63 0.00	35.21 1.79 -0.28	36.54 2.19 -0.07	37.59 2.36 -0.07	40.89 2.48 -0.24	42.19 2.34 -0.80	43.81 2.28 -3.53	50.48 2.85 -1.74	58.71 3.83 -0.93	59.57 4.08 -1.03	51.91 3.51 -0.28	46.13 3.12 -0.32	44.21 2.92 -0.68	38.29 2.56 -0.21	36.44 2.14 -0.29
JERICHO_RISE_WT_PWR 323719	30.50 -0.66 0.00	27.00 -0.41 0.00	26.56 -0.24 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.00 -0.33 0.00	25.41 -0.28 0.00	26.31 -0.37 0.00	26.89 -0.47 0.00	27.41 -0.76 0.00	32.09 -1.06 0.00	33.07 -1.20 0.00	33.55 -1.62 0.00	36.41 -1.76 0.00	37.29 -1.76 0.00	36.33 -1.67 0.00	43.87 -2.02 0.00	51.63 -2.32 0.00	52.12 -2.34 0.00	46.24 -1.88 0.00	41.32 -1.37 0.00	39.10 -1.50 0.00	34.21 -1.31 0.00	33.20 -0.82 0.00
KATONAH__115KV_46KV_TB4 355592	33.77 2.62 0.00	29.55 2.14 0.00	28.70 1.90 0.00	27.88 1.85 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.52 1.82 0.00	28.71 2.03 0.00	29.81 2.46 0.00	30.99 2.82 0.00	36.73 3.58 0.00	38.34 3.87 -0.19	46.40 4.18 -7.06	49.89 4.66 -7.07	52.65 4.84 -8.77	54.31 4.67 -11.64	58.27 5.92 -6.46	60.96 6.96 -0.05	61.40 6.92 -0.03	53.85 5.73 0.00	47.26 4.57 0.00	45.13 4.47 -0.05	39.21 3.69 0.00	37.18 3.16 0.00
KCE_NY_1 323755	33.03 1.87 0.00	29.00 1.59 0.00	28.19 1.39 0.00	27.39 1.35 0.00	27.29 1.37 0.00	26.65 1.32 0.00	27.01 1.31 0.00	27.97 1.28 0.00	28.88 1.53 0.00	29.95 1.78 0.00	35.27 2.12 0.00	36.28 2.20 0.19	37.35 2.46 0.27	40.33 2.60 0.44	43.39 2.62 -1.73	52.21 2.62 -11.59	54.15 3.12 -5.14	57.72 3.83 0.06	58.40 3.97 0.03	51.63 3.51 0.00	45.68 2.99 0.00	43.44 2.88 0.05	37.97 2.45 0.00	36.02 2.01 0.00
KCE_NY_6_ESR 323823	30.50 -0.66 0.00	26.45 -0.96 0.00	25.60 -1.21 0.00	24.81 -1.22 0.00	24.65 -1.27 0.00	24.07 -1.27 0.00	24.28 -1.41 0.00	25.59 -1.10 0.00	25.68 -1.67 0.00	26.91 -1.27 0.00	31.26 -1.89 0.00	32.56 -1.71 0.00	34.00 -1.16 0.00	36.91 -1.26 0.00	37.32 -1.99 -0.27	37.42 -2.13 -1.55	44.08 -2.48 -0.67	51.73 -2.21 0.00	51.90 -2.56 0.00	46.82 -1.30 0.00	41.28 -1.41 0.00	39.35 -1.26 0.00	35.13 -0.39 0.00	33.40 -0.61 0.00
KEDC_PORT_JEFF_GT2 24210	43.73 3.37 -9.21	42.73 2.71 -12.61	42.31 2.46 -13.05	41.13 2.42 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.81 2.36 -2.75	34.64 2.51 -5.45	41.18 2.71 -11.12	42.69 3.27 -11.26	45.03 4.11 -7.78	70.24 4.11 -31.85	61.65 4.39 -22.09	81.96 4.85 -38.95	131.13 4.96 -87.13	163.58 4.67 -120.91	195.87 5.78 -144.19	285.93 6.80 -225.19	172.35 6.81 -111.09	146.90 5.82 -92.96	62.27 4.99 -14.59	71.34 4.87 -25.86	48.26 4.33 -8.41	44.76 3.91 -6.84
KEDC_PORT_JEFF_GT3 24211	43.73 3.37 -9.21	42.73 2.71 -12.61	42.31 2.46 -13.05	41.13 2.42 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.81 2.36 -2.75	34.64 2.51 -5.45	41.18 2.71 -11.12	42.69 3.27 -11.26	45.03 4.11 -7.78	70.24 4.11 -31.85	61.65 4.39 -22.09	81.96 4.85 -38.95	131.13 4.96 -87.13	163.58 4.67 -120.91	195.87 5.78 -144.19	285.93 6.80 -225.19	172.35 6.81 -111.09	146.90 5.82 -92.96	62.27 4.99 -14.59	71.34 4.87 -25.86	48.26 4.33 -8.41	44.76 3.91 -6.84
KEDC_GLWD_GT4 24219	43.64 3.27 -9.21	42.68 2.66 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.13 2.65 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.78	70.19 4.08 -31.84	61.76 4.50 -22.09	82.06 4.96 -38.94	131.27 5.11 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.84 7.07 -151.83	172.56 7.03 -111.08	78.63 5.97 -24.54	62.30 5.03 -14.57	71.37 4.91 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
KEDC_GLWD_GT5 24220	43.64 3.27 -9.21	42.68 2.66 -12.61	42.28 2.44 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.13 2.65 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.78	70.19 4.08 -31.84	61.76 4.50 -22.09	82.06 4.96 -38.94	131.27 5.11 -87.12	167.24 4.94 -124.31	196.13 6.06 -144.18	212.84 7.07 -151.83	172.56 7.03 -111.08	78.63 5.97 -24.54	62.30 5.03 -14.57	71.37 4.91 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84

KENSICO____ 23655	33.65 2.49 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.71 1.79 0.00	27.03 1.70 0.00	27.44 1.75 0.00	28.55 1.87 0.00	29.57 2.22 0.00	30.74 2.56 0.00	36.40 3.25 0.00	37.96 3.50 -0.19	45.98 3.76 -7.06	49.36 4.12 -7.07	52.04 4.26 -8.74	53.55 4.10 -11.45	57.32 5.05 -6.38	59.88 5.88 -0.06	60.31 5.83 -0.03	53.08 4.96 0.00	46.83 4.14 0.00	44.76 4.10 -0.05	39.00 3.48 0.00	37.01 2.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.68 2.52 0.00	29.44 2.03 0.00	28.54 1.74 0.00	27.75 1.72 0.00	27.63 1.71 0.00	26.93 1.60 0.00	27.37 1.67 0.00	28.37 1.68 0.00	29.40 2.05 0.00	30.29 2.11 0.00	35.90 2.75 0.00	37.40 3.02 -0.11	38.55 3.24 -0.15	42.07 3.66 -0.24	44.81 3.83 -1.94	52.00 3.72 -10.28	54.95 4.73 -4.34	59.64 5.66 -0.03	60.19 5.72 -0.02	52.89 4.76 0.00	46.66 3.97 0.00	44.82 4.18 -0.03	38.93 3.41 0.00	36.87 2.86 0.00
KIAC_JFK_GT1 23816	34.16 2.99 -0.02	29.98 2.55 -0.02	29.07 2.25 -0.02	28.24 2.19 -0.02	28.14 2.20 -0.02	27.43 2.08 -0.02	27.87 2.16 -0.02	29.02 2.32 -0.02	30.08 2.71 -0.02	31.26 3.07 -0.02	39.18 3.78 -2.26	44.36 4.08 -6.01	46.56 4.33 -7.08	50.00 4.73 -7.10	52.61 4.80 -8.76	56.62 4.64 -13.99	57.95 5.64 -6.41	60.55 6.53 -0.07	60.98 6.48 -0.05	53.72 5.58 -0.02	47.44 4.74 -0.02	45.51 4.83 -0.07	39.62 4.08 -0.02	37.63 3.61 -0.02
KIAC_JFK_GT2 23817	34.16 2.99 -0.02	29.98 2.55 -0.02	29.07 2.25 -0.02	28.24 2.19 -0.02	28.14 2.20 -0.02	27.43 2.08 -0.02	27.87 2.16 -0.02	29.02 2.32 -0.02	30.08 2.71 -0.02	31.26 3.07 -0.02	39.18 3.78 -2.26	44.36 4.08 -6.01	46.56 4.33 -7.08	50.00 4.73 -7.10	52.61 4.80 -8.76	56.62 4.64 -13.99	57.95 5.64 -6.41	60.55 6.53 -0.07	60.98 6.48 -0.05	53.72 5.58 -0.02	47.44 4.74 -0.02	45.51 4.83 -0.07	39.62 4.08 -0.02	37.63 3.61 -0.02
KIAC_JFK____ 323774	34.16 2.99 -0.02	29.89 2.47 -0.02	29.07 2.25 -0.02	28.24 2.19 -0.02	28.13 2.20 -0.02	27.45 2.10 -0.02	27.87 2.16 -0.02	29.02 2.32 -0.02	29.86 2.49 -0.02	31.26 3.07 -0.02	39.18 3.78 -2.26	44.19 3.91 -6.01	46.56 4.32 -7.08	49.99 4.73 -7.10	52.61 4.80 -8.76	56.62 4.63 -13.99	57.94 5.64 -6.41	60.55 6.53 -0.07	61.03 6.53 -0.05	53.77 5.63 -0.02	47.48 4.78 -0.02	45.51 4.83 -0.07	39.62 4.08 -0.02	37.63 3.60 -0.02
KINTIGH____ 23543	29.82 -1.34 0.00	25.96 -1.45 0.00	25.19 -1.61 0.00	24.45 -1.59 0.00	24.28 -1.63 0.00	23.76 -1.57 0.00	23.97 -1.72 0.00	25.27 -1.41 0.00	26.18 -1.18 0.00	26.54 -1.63 0.00	30.86 -2.29 0.00	32.80 -1.47 0.00	33.44 -1.72 0.00	36.26 -1.91 0.00	37.50 -1.76 -0.22	37.44 -1.82 -1.27	44.09 -2.34 -0.54	50.82 -3.13 0.00	51.57 -2.89 0.00	45.67 -2.45 0.00	40.81 -1.88 0.00	38.66 -1.95 0.00	34.38 -1.14 0.00	32.69 -1.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.91 -0.25 0.00	27.30 -0.11 0.00	26.88 0.08 0.00	26.06 0.03 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.75 0.05 0.00	26.63 -0.05 0.00	26.91 -0.44 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.21 -1.06 0.00	33.93 -1.23 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.47 -1.42 0.00	52.38 -1.56 0.00	52.82 -1.63 0.00	46.97 -1.15 0.00	42.05 -0.64 0.00	39.67 -0.93 0.00	34.63 -0.89 0.00	33.60 -0.41 0.00
LACHUTE____HYDRO 323717	34.99 3.83 0.00	30.67 3.26 0.00	29.61 2.81 0.00	28.72 2.68 0.00	28.59 2.67 0.00	27.94 2.61 0.00	28.37 2.67 0.00	29.41 2.72 0.00	30.66 3.31 0.00	31.92 3.75 0.00	37.46 4.31 0.00	38.61 4.52 0.18	39.72 4.82 0.26	42.67 4.93 0.42	45.75 4.96 -1.75	54.67 5.02 -11.66	57.01 5.96 -5.16	61.34 7.45 0.05	62.16 7.73 0.03	55.10 6.98 0.00	48.62 5.93 0.00	46.24 5.68 0.05	40.28 4.76 0.00	37.96 3.94 0.00
LAWRNCV_115KV_TB1 80681	30.16 -1.00 0.00	26.64 -0.77 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.21 -0.49 0.00	26.07 -0.61 0.00	26.34 -1.01 0.00	27.19 -0.99 0.00	31.86 -1.29 0.00	32.56 -1.71 0.00	33.34 -1.83 0.00	36.22 -1.95 0.00	37.09 -1.95 0.00	36.17 -1.82 0.00	43.73 -2.16 0.00	51.57 -2.37 0.00	52.00 -2.45 0.00	46.05 -2.07 0.00	41.15 -1.54 0.00	38.90 -1.71 0.00	33.92 -1.60 0.00	32.86 -1.16 0.00
LEDERLE____ 23769	33.68 2.52 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.68 1.76 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.50 1.81 0.00	29.57 2.22 0.00	30.71 2.54 0.00	36.43 3.28 0.00	37.98 3.53 -0.17	39.21 3.80 -0.25	42.76 4.20 -0.40	45.52 4.33 -2.14	53.04 4.18 -10.86	55.61 5.19 -4.53	60.04 6.04 -0.05	60.47 5.99 -0.03	53.17 5.05 0.00	46.87 4.18 0.00	44.80 4.14 -0.05	39.00 3.48 0.00	37.01 2.99 0.00
LIGHTHSE_115KV_TB6 355974	31.16 0.00 0.00	27.33 -0.08 0.00	26.61 -0.19 0.00	25.83 -0.21 0.00	25.71 -0.21 0.00	25.16 -0.18 0.00	25.49 -0.21 0.00	26.50 -0.19 0.00	27.22 -0.14 0.00	27.92 -0.25 0.00	33.82 -0.43 -1.11	34.29 -0.27 -0.29	35.21 -0.25 -0.29	38.71 -0.42 -0.97	39.59 -0.51 -1.06	39.20 -0.46 -1.66	47.05 -0.46 -1.62	57.34 -0.32 -3.72	58.46 -0.11 -4.11	49.19 -0.05 -1.12	44.06 0.09 -1.28	43.43 0.12 -2.71	36.51 0.14 -0.85	35.13 -0.03 -1.15
LINDEN COGEN____ 23786	33.87 2.71 0.00	29.55 2.14 0.00	28.70 1.90 0.00	27.91 1.88 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.55 1.85 0.00	28.69 2.00 0.00	29.54 2.19 0.00	30.96 2.79 0.00	38.84 3.51 -2.17	43.69 3.60 -5.82	46.20 3.97 -7.06	49.60 4.35 -7.08	52.20 4.41 -8.75	53.74 4.25 -11.48	57.42 5.14 -6.40	59.99 5.99 -0.06	60.47 5.99 -0.03	53.17 5.05 0.00	47.00 4.31 0.00	45.05 4.39 -0.06	39.21 3.69 0.00	37.28 3.27 0.00
LINDHRST_69_KV_BK1 356055	43.92 3.55 -9.21	42.95 2.93 -12.61	42.47 2.63 -13.05	41.29 2.58 -12.67	38.16 2.57 -9.67	34.80 2.46 -7.01	30.97 2.52 -2.75	34.80 2.67 -5.45	41.54 3.06 -11.12	42.87 3.44 -11.26	45.23 4.31 -7.77	70.78 4.66 -31.84	62.18 4.92 -22.09	82.52 5.42 -38.94	131.74 5.58 -87.12	164.97 5.40 -121.57	196.73 6.65 -144.18	219.12 7.82 -157.35	173.32 7.79 -111.08	84.50 6.69 -29.69	62.90 5.63 -14.57	71.98 5.52 -25.85	48.62 4.69 -8.41	45.00 4.15 -6.84
LIPA_MISC_IPP 23656	43.73 3.36 -9.21	42.76 2.74 -12.61	42.28 2.44 -13.05	41.10 2.40 -12.67	37.97 2.38 -9.67	34.62 2.28 -7.01	30.76 2.31 -2.75	34.59 2.46 -5.45	41.32 2.84 -11.12	42.67 3.24 -11.26	45.07 4.14 -7.77	70.61 4.49 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.02 5.13 -120.89	196.41 6.33 -144.19	275.16 7.50 -213.72	173.06 7.51 -111.09	136.78 6.40 -82.26	62.65 5.38 -14.58	71.74 5.28 -25.86	48.30 4.37 -8.41	44.76 3.91 -6.84
LISF____SOLAR 323691	43.79 3.43 -9.21	42.79 2.77 -12.61	42.36 2.52 -13.05	41.18 2.47 -12.67	38.02 2.44 -9.67	34.67 2.33 -7.01	30.81 2.36 -2.75	34.64 2.51 -5.45	41.18 2.71 -11.12	42.72 3.29 -11.26	45.10 4.18 -7.78	70.55 4.42 -31.85	62.07 4.82 -22.09	82.42 5.30 -38.95	131.60 5.42 -87.13	164.18 5.28 -120.90	196.59 6.51 -144.19	276.27 7.71 -214.61	173.33 7.79 -111.09	137.86 6.64 -83.09	62.86 5.59 -14.58	71.91 5.44 -25.86	48.44 4.51 -8.41	44.87 4.01 -6.84

LITTLE FALLS___HYD 24013	31.37 0.22 0.00	27.55 0.14 0.00	26.91 0.11 0.00	26.11 0.08 0.00	25.99 0.08 0.00	25.38 0.05 0.00	25.72 0.03 0.00	26.66 -0.03 0.00	27.41 0.05 0.00	28.23 0.06 0.00	33.18 0.03 0.00	34.27 0.00 0.00	35.23 0.07 0.00	38.24 0.08 0.00	39.12 0.08 0.00	38.00 0.00 0.00	45.89 0.00 0.00	54.06 0.11 0.00	54.67 0.22 0.00	48.41 0.29 0.00	42.94 0.26 0.00	40.89 0.28 0.00	35.73 0.21 0.00	34.12 0.10 0.00
LITTLRIV_115KV_TB1 356100	30.47 -0.69 0.00	26.92 -0.49 0.00	26.53 -0.27 0.00	25.70 -0.34 0.00	25.53 -0.39 0.00	24.98 -0.35 0.00	25.46 -0.23 0.00	26.31 -0.37 0.00	26.56 -0.79 0.00	27.41 -0.76 0.00	32.19 -1.09 -0.13	32.84 -1.47 -0.04	33.62 -1.58 -0.04	36.60 -1.68 -0.12	37.48 -1.68 -0.12	36.56 -1.56 -0.13	44.26 -1.79 -0.16	52.51 -1.89 -0.45	53.05 -1.91 -0.50	46.72 -1.54 -0.14	41.78 -1.07 -0.16	39.68 -1.26 -0.33	34.35 -1.28 -0.10	33.34 -0.82 -0.14
LI_NEWBRDGE___DRP 323616	43.23 2.87 -9.21	42.38 2.36 -12.61	41.94 2.09 -13.05	40.79 2.08 -12.67	37.66 2.07 -9.67	34.32 1.98 -7.01	30.48 2.03 -2.75	34.29 2.16 -5.45	41.02 2.54 -11.12	42.30 2.87 -11.26	44.54 3.61 -7.77	70.02 3.91 -31.84	61.40 4.15 -22.09	81.64 4.54 -38.94	130.85 4.69 -87.12	162.57 4.52 -120.05	195.62 5.55 -144.18	212.25 6.47 -151.83	171.96 6.43 -111.08	78.15 5.49 -24.54	61.83 4.57 -14.57	71.00 4.55 -25.85	47.80 3.87 -8.41	44.25 3.40 -6.84
LOCKPORT_115KV_TB60_63_64 80432	30.00 -1.15 0.00	26.04 -1.37 0.00	25.22 -1.58 0.00	24.34 -1.69 0.00	24.31 -1.61 0.00	23.64 -1.70 0.00	23.92 -1.77 0.00	25.17 -1.52 0.00	26.09 -1.26 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	32.73 -1.54 0.00	33.30 -1.86 0.00	36.14 -2.02 0.00	37.02 -2.26 -0.24	36.98 -2.39 -1.38	43.55 -2.94 -0.59	50.55 -3.40 0.00	51.30 -3.16 0.00	45.57 -2.55 0.00	40.72 -1.96 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
LOCKPORT___CC1 323769	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.34 -1.69 0.00	24.28 -1.63 0.00	23.64 -1.70 0.00	23.90 -1.80 0.00	25.17 -1.52 0.00	25.22 -2.13 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	31.87 -2.40 0.00	33.30 -1.86 0.00	36.10 -2.06 0.00	36.90 -2.38 -0.24	36.88 -2.51 -1.39	43.51 -2.98 -0.60	50.55 -3.40 0.00	50.70 -3.76 0.00	45.81 -2.31 0.00	40.42 -2.26 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
LOCKPORT___CC2 323770	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.34 -1.69 0.00	24.28 -1.63 0.00	23.64 -1.70 0.00	23.90 -1.80 0.00	25.17 -1.52 0.00	25.22 -2.13 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	31.87 -2.40 0.00	33.30 -1.86 0.00	36.10 -2.06 0.00	36.90 -2.38 -0.24	36.88 -2.51 -1.39	43.51 -2.98 -0.60	50.55 -3.40 0.00	50.70 -3.76 0.00	45.81 -2.31 0.00	40.42 -2.26 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
LOCKPORT___CC3 323771	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.34 -1.69 0.00	24.28 -1.63 0.00	23.64 -1.70 0.00	23.90 -1.80 0.00	25.17 -1.52 0.00	25.22 -2.13 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	31.87 -2.40 0.00	33.30 -1.86 0.00	36.10 -2.06 0.00	36.90 -2.38 -0.24	36.88 -2.51 -1.39	43.51 -2.98 -0.60	50.55 -3.40 0.00	50.70 -3.76 0.00	45.81 -2.31 0.00	40.42 -2.26 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
LONG_LAKE_PHOENIX 24014	30.88 -0.28 0.00	27.14 -0.27 0.00	26.40 -0.40 0.00	25.65 -0.39 0.00	25.53 -0.39 0.00	24.98 -0.35 0.00	25.31 -0.39 0.00	26.37 -0.32 0.00	27.13 -0.22 0.00	27.83 -0.34 0.00	34.24 -0.46 -1.55	34.44 -0.24 -0.41	35.36 -0.21 -0.41	39.22 -0.31 -1.36	40.14 -0.35 -1.45	39.78 -0.38 -2.16	47.64 -0.46 -2.21	58.63 -0.54 -5.23	59.80 -0.44 -5.78	49.31 -0.38 -1.57	44.19 -0.30 -1.80	44.13 -0.28 -3.80	36.54 -0.18 -1.20	35.25 -0.37 -1.61
LOVETT___3 23632	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.68 1.64 0.00	27.52 1.61 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.37 1.68 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.16 3.02 0.00	37.71 3.26 -0.18	38.93 3.52 -0.25	42.43 3.85 -0.40	45.18 3.98 -2.16	52.79 3.88 -10.92	55.22 4.77 -4.56	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.53 3.84 0.00	44.47 3.82 -0.05	38.75 3.23 0.00	36.77 2.76 0.00
LOVETT___4 23642	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.68 1.64 0.00	27.52 1.61 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.37 1.68 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.16 3.02 0.00	37.71 3.26 -0.18	38.93 3.52 -0.25	42.43 3.85 -0.40	45.18 3.98 -2.16	52.79 3.88 -10.92	55.22 4.77 -4.56	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.53 3.84 0.00	44.47 3.82 -0.05	38.75 3.23 0.00	36.77 2.76 0.00
LOVETT___5 23593	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.68 1.64 0.00	27.52 1.61 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.37 1.68 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.16 3.02 0.00	37.71 3.26 -0.18	38.93 3.52 -0.25	42.43 3.85 -0.40	45.18 3.98 -2.16	52.79 3.88 -10.92	55.22 4.77 -4.56	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.53 3.84 0.00	44.47 3.82 -0.05	38.75 3.23 0.00	36.77 2.76 0.00
LOWER RAQUET___HYD 24057	30.16 -1.00 0.00	26.67 -0.74 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.18 -0.51 0.00	26.05 -0.64 0.00	26.64 -0.71 0.00	27.16 -1.01 0.00	31.97 -1.33 -0.14	32.84 -1.47 -0.04	33.34 -1.86 -0.04	36.31 -1.99 -0.13	37.18 -1.99 -0.12	36.27 -1.86 -0.13	43.86 -2.20 -0.18	52.06 -2.37 -0.48	52.59 -2.39 -0.53	46.25 -2.02 -0.15	41.36 -1.50 -0.17	39.29 -1.67 -0.35	34.03 -1.60 -0.11	33.04 -1.12 -0.15
LOWER___HUDSON 24059	32.46 1.31 0.00	28.51 1.10 0.00	27.79 0.99 0.00	27.03 0.99 0.00	26.95 1.04 0.00	26.32 0.99 0.00	26.65 0.95 0.00	27.57 0.88 0.00	28.39 1.04 0.00	29.44 1.27 0.00	34.71 1.56 0.00	35.64 1.61 0.24	36.65 1.83 0.34	39.59 1.98 0.56	42.61 2.03 -1.54	50.91 1.97 -10.94	53.17 2.38 -4.90	56.74 2.86 0.07	57.36 2.94 0.04	50.62 2.50 0.00	44.91 2.22 0.00	42.61 2.07 0.07	37.30 1.78 0.00	35.44 1.43 0.00
LOWVILLE_115KV_TB2 356335	31.93 0.78 0.00	27.85 0.44 0.00	27.18 0.38 0.00	26.32 0.29 0.00	26.20 0.29 0.00	25.61 0.28 0.00	25.95 0.26 0.00	26.90 0.21 0.00	27.52 0.16 0.00	28.14 -0.03 0.00	33.31 -0.17 -0.33	34.19 -0.17 -0.09	35.14 -0.11 -0.09	38.27 -0.19 -0.29	39.14 -0.23 -0.34	38.46 -0.15 -0.62	46.38 -0.05 -0.54	56.25 1.19 -1.11	57.21 1.52 -1.23	49.85 1.40 -0.33	44.40 1.32 -0.38	42.64 1.22 -0.81	36.52 0.75 -0.25	35.17 0.82 -0.34
LUTHERFT_115KV_GLOB_FND_222 355753	33.03 1.87 0.00	29.00 1.59 0.00	28.17 1.37 0.00	27.39 1.35 0.00	27.29 1.37 0.00	26.65 1.32 0.00	26.98 1.28 0.00	27.97 1.28 0.00	28.99 1.64 0.00	29.95 1.77 0.00	35.24 2.09 0.00	36.38 2.30 0.19	37.32 2.43 0.27	40.29 2.56 0.44	43.39 2.62 -1.73	52.17 2.58 -11.59	54.15 3.12 -5.14	57.67 3.78 0.06	58.29 3.87 0.03	51.59 3.46 0.00	45.63 2.95 0.00	43.39 2.84 0.05	37.94 2.42 0.00	35.99 1.97 0.00

LUTHERNY_35_KV_BK2 355980	33.03 1.87 0.00	29.03 1.62 0.00	28.19 1.39 0.00	27.39 1.35 0.00	27.29 1.37 0.00	26.65 1.32 0.00	27.01 1.31 0.00	27.97 1.28 0.00	28.99 1.64 0.00	29.95 1.77 0.00	35.27 2.12 0.00	36.42 2.33 0.19	37.36 2.46 0.27	40.32 2.60 0.44	43.42 2.65 -1.73	52.21 2.62 -11.59	54.15 3.12 -5.14	57.72 3.83 0.06	58.35 3.92 0.03	51.63 3.51 0.00	45.68 2.99 0.00	43.43 2.88 0.05	37.97 2.45 0.00	36.02 2.01 0.00
LWR___OSWEGATCHIE_HYD 23850	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.83 -0.52 0.00	27.58 -0.59 0.00	32.60 -0.83 -0.28	33.32 -1.03 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.97 -0.54 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
LYONS_FALL_HYD 23570	32.03 0.87 0.00	28.01 0.60 0.00	27.31 0.51 0.00	26.45 0.42 0.00	26.36 0.44 0.00	25.76 0.43 0.00	26.13 0.44 0.00	27.09 0.40 0.00	27.74 0.38 0.00	28.51 0.34 0.00	33.69 0.30 -0.24	34.65 0.31 -0.06	35.65 0.42 -0.06	38.80 0.42 -0.21	39.69 0.39 -0.26	38.93 0.42 -0.51	46.95 0.64 -0.42	56.33 1.57 -0.81	57.15 1.79 -0.90	49.95 1.59 -0.24	44.42 1.45 -0.28	42.58 1.38 -0.59	36.67 0.96 -0.19	35.18 0.92 -0.25
MADISON___COUNTY_LFGE 323628	32.25 1.09 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.71 0.68 0.00	26.59 0.67 0.00	26.02 0.68 0.00	26.36 0.67 0.00	27.41 0.72 0.00	28.17 0.82 0.00	28.96 0.79 0.00	34.26 0.86 -0.25	35.44 1.10 -0.07	36.43 1.20 -0.07	39.65 1.26 -0.22	40.60 1.25 -0.31	39.98 1.22 -0.77	47.94 1.51 -0.54	56.91 2.10 -0.86	57.69 2.29 -0.95	50.35 1.97 -0.26	44.78 1.79 -0.30	42.89 1.66 -0.62	37.14 1.42 -0.20	35.47 1.19 -0.26
MALONE___115KV_TB1 356076	30.63 -0.53 0.00	27.05 -0.36 0.00	26.67 -0.13 0.00	25.85 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.57 -0.13 0.00	26.45 -0.24 0.00	26.72 -0.63 0.00	27.58 -0.59 0.00	32.25 -0.90 0.00	32.97 -1.30 0.00	33.72 -1.44 0.00	36.64 -1.53 0.00	37.52 -1.52 0.00	36.59 -1.41 0.00	44.19 -1.70 0.00	52.06 -1.89 0.00	52.49 -1.96 0.00	46.63 -1.49 0.00	41.75 -0.94 0.00	39.39 -1.22 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
MAPLEWOD_115KV_TB3 80458	32.31 1.15 0.00	28.45 1.04 0.00	27.69 0.88 0.00	26.97 0.94 0.00	26.88 0.96 0.00	26.22 0.89 0.00	26.54 0.85 0.00	27.46 0.77 0.00	28.39 1.04 0.00	29.33 1.16 0.00	34.54 1.39 0.00	35.63 1.54 0.19	36.59 1.69 0.26	39.57 1.83 0.43	42.60 1.87 -1.68	51.12 1.82 -11.30	53.05 2.16 -5.01	56.48 2.59 0.05	56.99 2.56 0.03	50.38 2.26 0.00	44.61 1.92 0.00	42.46 1.91 0.05	37.15 1.63 0.00	35.27 1.26 0.00
MAPLE_RIDGE_WT_1 323574	30.69 -0.47 0.00	27.00 -0.41 0.00	26.43 -0.38 0.00	25.65 -0.39 0.00	25.50 -0.42 0.00	24.93 -0.41 0.00	25.28 -0.41 0.00	26.21 -0.48 0.00	26.89 -0.47 0.00	27.64 -0.54 0.00	32.49 -0.66 0.00	33.55 -0.72 0.00	34.36 -0.81 0.00	37.29 -0.88 0.00	38.15 -0.90 0.00	37.16 -0.84 0.00	44.88 -1.01 0.00	52.76 -1.19 0.00	53.31 -1.15 0.00	47.16 -0.96 0.00	41.96 -0.73 0.00	39.92 -0.69 0.00	34.95 -0.57 0.00	33.57 -0.44 0.00
MAPLE_RIDGE_WT_2 323611	30.69 -0.47 0.00	27.00 -0.41 0.00	26.43 -0.38 0.00	25.65 -0.39 0.00	25.50 -0.42 0.00	24.93 -0.41 0.00	25.28 -0.41 0.00	26.21 -0.48 0.00	26.89 -0.47 0.00	27.64 -0.54 0.00	32.49 -0.66 0.00	33.55 -0.72 0.00	34.36 -0.81 0.00	37.29 -0.88 0.00	38.15 -0.90 0.00	37.16 -0.84 0.00	44.88 -1.01 0.00	52.76 -1.19 0.00	53.31 -1.15 0.00	47.16 -0.96 0.00	41.96 -0.73 0.00	39.92 -0.69 0.00	34.95 -0.57 0.00	33.57 -0.44 0.00
MARBLE_RIVER_WT_PWR 323696	30.63 -0.53 0.00	27.08 -0.33 0.00	26.64 -0.16 0.00	25.83 -0.21 0.00	25.68 -0.23 0.00	25.06 -0.28 0.00	25.46 -0.23 0.00	26.37 -0.32 0.00	26.94 -0.41 0.00	27.50 -0.68 0.00	32.19 -0.96 0.00	33.18 -1.10 0.00	33.65 -1.51 0.00	36.53 -1.64 0.00	37.40 -1.64 0.00	36.44 -1.56 0.00	44.01 -1.88 0.00	51.84 -2.10 0.00	52.33 -2.12 0.00	46.44 -1.69 0.00	41.49 -1.20 0.00	39.27 -1.34 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
MARSHVLE_115KV_TB1 80742	34.65 3.49 0.00	30.29 2.88 0.00	29.35 2.55 0.00	28.48 2.45 0.00	28.28 2.36 0.00	27.66 2.33 0.00	28.03 2.34 0.00	29.17 2.48 0.00	30.14 2.79 0.00	31.07 2.90 0.00	36.56 3.41 0.00	37.88 3.70 0.10	39.00 3.97 0.14	42.11 4.16 0.22	45.74 4.26 -2.44	57.12 4.22 -14.91	57.42 5.05 -6.49	60.72 6.80 0.03	61.52 7.08 0.01	54.52 6.40 0.00	48.32 5.63 0.00	45.86 5.28 0.03	40.00 4.48 0.00	37.75 3.74 0.00
MARSH_HILL_WT_PWR 323713	31.25 0.09 0.00	27.03 -0.38 0.00	25.97 -0.83 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.55 -0.79 0.00	24.77 -0.92 0.00	26.12 -0.56 0.00	26.34 -1.01 0.00	27.44 -0.73 0.00	31.97 -1.36 -0.18	32.98 -1.34 -0.05	34.19 -1.02 -0.05	37.06 -1.26 -0.16	37.66 -1.87 -0.49	38.23 -1.86 -2.09	44.73 -2.20 -1.05	52.07 -2.48 -0.60	52.62 -2.50 -0.66	46.81 -1.49 -0.18	41.49 -1.41 -0.21	39.74 -1.30 -0.44	35.52 -0.14 -0.14	33.82 -0.37 -0.19
MCINTYRE_115KV_TB2 80467	30.60 -0.56 0.00	27.05 -0.36 0.00	26.67 -0.13 0.00	25.83 -0.21 0.00	25.68 -0.23 0.00	25.11 -0.23 0.00	25.59 -0.10 0.00	26.42 -0.27 0.00	26.64 -0.71 0.00	27.47 -0.70 0.00	32.12 -1.03 0.00	32.83 -1.44 0.00	33.58 -1.58 0.00	36.53 -1.64 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.19 -1.70 0.00	52.17 -1.78 0.00	52.71 -1.74 0.00	46.73 -1.40 0.00	41.79 -0.90 0.00	39.51 -1.10 0.00	34.38 -1.14 0.00	33.37 -0.65 0.00
MECO_____69_KV_BK1 80468	35.77 4.61 0.00	31.28 3.86 0.00	30.18 3.38 0.00	29.26 3.23 0.00	29.08 3.16 0.00	28.45 3.12 0.00	28.91 3.21 0.00	30.10 3.42 0.00	31.37 4.02 0.00	32.29 4.11 0.00	38.02 4.87 0.00	39.27 5.11 0.11	40.52 5.52 0.16	43.67 5.76 0.26	47.18 5.90 -2.25	57.81 5.89 -13.92	59.03 7.07 -6.07	63.14 9.23 0.03	63.86 9.42 0.02	56.54 8.42 0.00	49.90 7.21 0.00	47.44 6.86 0.03	41.31 5.79 0.00	38.88 4.86 0.00
MENANDS___115KV_TB5 355628	32.12 0.97 0.00	28.29 0.88 0.00	27.55 0.75 0.00	26.84 0.81 0.00	26.75 0.83 0.00	26.12 0.79 0.00	26.42 0.72 0.00	27.30 0.61 0.00	28.23 0.88 0.00	29.19 1.01 0.00	34.37 1.23 0.00	35.43 1.34 0.18	36.38 1.48 0.26	39.34 1.60 0.43	42.36 1.64 -1.68	50.84 1.56 -11.28	52.77 1.88 -5.00	56.11 2.21 0.05	56.55 2.12 0.03	50.00 1.88 0.00	44.31 1.62 0.00	42.18 1.62 0.05	36.91 1.39 0.00	35.07 1.05 0.00
MG INDUSTRY___DRP 24185	32.12 0.97 0.00	28.31 0.90 0.00	27.55 0.75 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.09 0.76 0.00	26.42 0.72 0.00	27.30 0.61 0.00	28.17 0.82 0.00	29.05 0.87 0.00	34.14 0.99 0.00	35.16 0.99 0.10	36.14 1.13 0.15	39.15 1.22 0.24	42.16 1.25 -1.86	50.85 1.22 -11.64	52.40 1.42 -5.09	55.64 1.73 0.03	56.18 1.74 0.02	49.71 1.59 0.00	44.05 1.37 0.00	42.08 1.50 0.03	36.80 1.28 0.00	35.03 1.02 0.00

MID___OSWEGATCHIE_HYD 23849	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.83 -0.52 0.00	27.58 -0.59 0.00	32.60 -0.83 -0.28	33.32 -1.03 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.97 -0.54 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
MID___RAQUETTE_HYD 23851	30.16 -1.00 0.00	26.64 -0.77 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.18 -0.51 0.00	26.05 -0.64 0.00	26.34 -1.01 0.00	27.16 -1.01 0.00	31.97 -1.33 -0.14	32.56 -1.75 -0.04	33.34 -1.86 -0.04	36.31 -1.98 -0.13	37.17 -1.99 -0.12	36.27 -1.86 -0.13	43.86 -2.20 -0.18	52.06 -2.37 -0.48	52.54 -2.45 -0.53	46.25 -2.02 -0.15	41.32 -1.54 -0.17	39.29 -1.66 -0.35	34.03 -1.60 -0.11	33.04 -1.12 -0.15
MILLIKEN___1 23584	31.97 0.81 0.00	28.01 0.60 0.00	27.18 0.38 0.00	26.37 0.34 0.00	26.25 0.34 0.00	25.71 0.38 0.00	26.06 0.36 0.00	27.19 0.51 0.00	27.95 0.60 0.00	28.71 0.54 0.00	34.17 0.50 -0.53	35.27 0.86 -0.14	36.18 0.88 -0.14	39.51 0.88 -0.46	40.61 0.78 -0.79	41.14 0.72 -2.42	48.33 0.96 -1.47	57.13 1.40 -1.78	58.05 1.63 -1.96	50.15 1.49 -0.53	44.67 1.37 -0.61	43.16 1.26 -1.29	37.17 1.24 -0.41	35.45 0.88 -0.55
MILLIKEN___2 23585	31.97 0.81 0.00	28.01 0.60 0.00	27.18 0.38 0.00	26.37 0.34 0.00	26.25 0.34 0.00	25.71 0.38 0.00	26.06 0.36 0.00	27.19 0.51 0.00	27.95 0.60 0.00	28.71 0.54 0.00	34.17 0.50 -0.53	35.27 0.86 -0.14	36.18 0.88 -0.14	39.51 0.88 -0.46	40.61 0.78 -0.79	41.14 0.72 -2.42	48.33 0.96 -1.47	57.13 1.40 -1.78	58.05 1.63 -1.96	50.15 1.49 -0.53	44.67 1.37 -0.61	43.16 1.26 -1.29	37.17 1.24 -0.41	35.45 0.88 -0.55
MILLIKEN___DIESEL 23629	31.97 0.81 0.00	28.01 0.60 0.00	27.18 0.38 0.00	26.37 0.34 0.00	26.25 0.34 0.00	25.71 0.38 0.00	26.06 0.36 0.00	27.19 0.51 0.00	27.95 0.60 0.00	28.71 0.54 0.00	34.17 0.50 -0.53	35.27 0.86 -0.14	36.18 0.88 -0.14	39.51 0.88 -0.46	40.61 0.78 -0.79	41.14 0.72 -2.42	48.33 0.96 -1.47	57.13 1.40 -1.78	58.05 1.63 -1.96	50.15 1.49 -0.53	44.67 1.37 -0.61	43.16 1.26 -1.29	37.17 1.24 -0.41	35.45 0.88 -0.55
MILLSEAT___LFGE 323607	30.53 -0.62 0.00	26.51 -0.90 0.00	25.68 -1.12 0.00	24.79 -1.25 0.00	24.73 -1.19 0.00	24.07 -1.27 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	25.74 -1.61 0.00	26.88 -1.30 0.00	31.22 -1.92 0.00	32.56 -1.71 0.00	33.97 -1.20 0.00	36.83 -1.34 0.00	37.64 -1.64 -0.23	37.59 -1.75 -1.34	44.45 -2.02 -0.57	51.63 -2.32 0.00	51.95 -2.50 0.00	46.77 -1.35 0.00	41.36 -1.32 0.00	39.43 -1.18 0.00	35.10 -0.42 0.00	33.30 -0.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.59 2.43 0.00	29.38 1.97 0.00	28.54 1.74 0.00	27.75 1.72 0.00	27.63 1.71 0.00	26.98 1.65 0.00	27.37 1.67 0.00	28.47 1.79 0.00	29.51 2.16 0.00	30.65 2.48 0.00	36.30 3.15 0.00	37.86 3.39 -0.19	45.88 3.66 -7.06	49.24 4.01 -7.07	51.91 4.14 -8.73	53.38 3.99 -11.39	57.20 4.96 -6.36	59.78 5.77 -0.05	60.20 5.72 -0.03	52.98 4.86 0.00	46.70 4.01 0.00	44.64 3.98 -0.05	38.90 3.37 0.00	36.90 2.89 0.00
MILLWOOD_13_KV_LOAD 356217	33.71 2.55 0.00	29.49 2.08 0.00	28.65 1.85 0.00	27.83 1.80 0.00	27.73 1.81 0.00	27.06 1.72 0.00	27.47 1.77 0.00	28.61 1.92 0.00	29.68 2.32 0.00	30.82 2.65 0.00	36.50 3.35 0.00	38.10 3.63 -0.19	46.12 3.90 -7.06	49.55 4.31 -7.07	52.22 4.45 -8.73	53.72 4.33 -11.39	57.66 5.41 -6.36	60.32 6.31 -0.05	60.75 6.26 -0.03	53.41 5.29 0.00	47.00 4.31 0.00	44.88 4.22 -0.05	39.07 3.55 0.00	37.07 3.06 0.00
MODEL_CITY_ENERGY 24167	29.69 -1.46 0.00	25.77 -1.64 0.00	24.95 -1.85 0.00	24.06 -1.98 0.00	24.05 -1.87 0.00	23.36 -1.98 0.00	23.67 -2.03 0.00	24.87 -1.82 0.00	24.92 -2.43 0.00	26.03 -2.14 0.00	30.20 -2.95 0.00	31.46 -2.81 0.00	32.88 -2.29 0.00	35.65 -2.52 0.00	36.48 -2.81 -0.24	36.48 -2.92 -1.41	43.01 -3.49 -0.61	49.90 -4.05 0.00	50.10 -4.36 0.00	45.24 -2.89 0.00	39.91 -2.77 0.00	38.09 -2.52 0.00	33.99 -1.53 0.00	32.35 -1.67 0.00
MODERN_LFGE___ 323580	29.69 -1.46 0.00	25.77 -1.64 0.00	24.95 -1.85 0.00	24.06 -1.98 0.00	24.05 -1.87 0.00	23.36 -1.98 0.00	23.67 -2.03 0.00	24.87 -1.82 0.00	24.92 -2.43 0.00	26.03 -2.14 0.00	30.20 -2.95 0.00	31.46 -2.81 0.00	32.88 -2.29 0.00	35.65 -2.52 0.00	36.48 -2.81 -0.24	36.48 -2.92 -1.41	43.01 -3.49 -0.61	49.90 -4.05 0.00	50.10 -4.36 0.00	45.24 -2.89 0.00	39.91 -2.77 0.00	38.09 -2.52 0.00	33.99 -1.53 0.00	32.35 -1.67 0.00
MOHAWK_PAPER___DRP 24187	32.31 1.15 0.00	28.45 1.04 0.00	27.69 0.88 0.00	26.97 0.94 0.00	26.88 0.96 0.00	26.22 0.89 0.00	26.54 0.85 0.00	27.46 0.77 0.00	28.39 1.04 0.00	29.33 1.16 0.00	34.54 1.39 0.19	35.63 1.54 0.19	36.59 1.69 0.26	39.57 1.83 0.43	42.60 1.87 -1.68	51.12 1.82 -11.30	53.05 2.16 -5.01	56.48 2.59 0.05	56.99 2.56 0.03	50.38 2.26 0.00	44.61 1.92 0.00	42.46 1.91 0.05	37.15 1.63 0.00	35.27 1.26 0.00
MOHICAN___35_KV_115KV_LD 80490	33.21 2.06 0.00	29.19 1.78 0.00	28.30 1.50 0.00	27.49 1.46 0.00	27.39 1.48 0.00	26.75 1.42 0.00	27.11 1.41 0.00	28.10 1.41 0.00	29.24 1.89 0.00	30.23 2.06 0.00	35.40 2.25 0.19	36.59 2.50 0.26	37.47 2.57 0.26	40.37 2.63 0.43	43.48 2.69 -1.74	52.33 2.70 -11.63	54.39 3.35 -5.15	58.05 4.15 0.05	58.89 4.47 0.03	52.16 4.04 0.00	46.10 3.42 0.00	43.80 3.25 0.05	38.22 2.70 0.00	36.19 2.18 0.00
MONGAUP___HYD 23641	33.40 2.24 0.00	29.22 1.81 0.00	28.35 1.55 0.00	27.60 1.56 0.00	27.47 1.55 0.00	26.78 1.44 0.00	27.16 1.46 0.00	28.13 1.44 0.00	28.94 1.59 0.00	30.12 1.94 0.00	35.60 2.45 0.00	36.93 2.50 -0.15	38.19 2.81 -0.22	41.68 3.17 -0.35	44.33 3.32 -1.97	51.20 3.15 -10.05	54.17 4.08 -4.20	58.95 4.96 -0.04	59.60 5.12 -0.02	52.50 4.38 0.00	46.49 3.80 0.00	44.31 3.66 -0.04	38.54 3.02 0.00	36.53 2.52 0.00
MONTAUK___DIESEL 23721	44.14 3.77 -9.21	43.04 3.02 -12.61	42.50 2.65 -13.05	41.29 2.58 -12.67	38.13 2.54 -9.67	34.72 2.38 -7.01	30.81 2.36 -2.75	34.75 2.62 -5.45	41.68 3.20 -11.12	43.15 3.72 -11.26	45.99 5.07 -7.77	71.92 5.79 -31.85	63.23 5.98 -22.09	83.71 6.60 -38.95	132.96 6.79 -87.13	165.54 6.65 -120.90	198.16 8.08 -144.19	277.53 9.49 -214.09	175.02 9.48 -111.09	138.72 7.99 -82.61	63.76 6.49 -14.58	72.72 6.25 -25.86	48.83 4.90 -8.41	45.14 4.29 -6.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.94 -0.22 0.00	26.62 -0.79 0.00	25.59 -1.21 0.00	24.76 -1.28 0.00	24.52 -1.40 0.00	23.91 -1.42 0.00	24.05 -1.64 0.00	25.35 -1.33 0.00	26.23 -1.12 0.00	27.16 -1.01 0.00	31.62 -1.52 0.00	33.69 -0.58 0.00	34.39 -0.77 0.00	37.29 -0.88 0.00	37.65 -1.68 -0.29	37.78 -1.86 -1.64	44.49 -2.11 -0.71	52.55 -1.40 0.00	52.44 -2.01 0.00	46.82 -1.30 0.00	41.66 -1.02 0.00	39.55 -1.06 0.00	35.31 -0.21 0.00	33.50 -0.51 0.00

MORTIMER_115KV_TB3 55949	30.60 -0.56 0.00	26.67 -0.74 0.00	25.89 -0.91 0.00	25.12 -0.91 0.00	24.98 -0.93 0.00	24.42 -0.91 0.00	24.69 -1.00 0.00	25.99 -0.69 0.00	26.86 -0.49 0.00	27.38 -0.79 0.00	31.96 -1.19 0.00	33.79 -0.48 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.57 -0.66 -0.19	38.44 -0.68 -1.12	45.41 -0.96 -0.48	52.55 -1.40 0.00	53.31 -1.14 0.00	47.06 -1.06 0.00	42.05 -0.64 0.00	39.88 -0.73 0.00	35.24 -0.28 0.00	33.43 -0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.93 2.77 0.00	29.69 2.28 0.00	28.78 1.98 0.00	27.99 1.95 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.62 1.93 0.00	28.74 2.05 0.00	29.81 2.46 0.00	30.99 2.82 0.00	34.68 3.58 2.04	33.02 3.84 5.10	46.34 4.11 -7.06	49.74 4.50 -7.07	52.40 4.61 -8.75	53.89 4.41 -11.48	57.65 5.37 -6.40	60.21 6.20 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.13 4.44 0.00	45.17 4.51 -0.06	39.36 3.84 0.00	37.38 3.37 0.00
MUNSVILLE_WIND_PWR 323609	34.12 2.96 0.00	29.79 2.38 0.00	28.81 2.01 0.00	27.91 1.88 0.00	27.81 1.89 0.00	27.26 1.92 0.00	27.65 1.95 0.00	28.74 2.06 0.00	29.19 1.83 0.00	30.31 2.14 0.00	35.74 2.26 -0.33	36.83 2.47 -0.09	38.14 2.88 -0.09	41.51 3.05 -0.29	42.76 2.93 -0.79	44.12 2.89 -3.24	51.23 3.67 -1.67	59.93 4.86 -1.12	60.98 5.28 -1.24	53.13 4.67 -0.34	47.22 4.14 -0.39	45.36 3.94 -0.82	39.22 3.44 -0.26	37.25 2.89 -0.35
N SALMON___HYD 24042	30.63 -0.53 0.00	27.11 -0.30 0.00	26.67 -0.13 0.00	25.86 -0.18 0.00	25.68 -0.23 0.00	25.08 -0.25 0.00	25.57 -0.13 0.00	26.45 -0.24 0.00	27.03 -0.33 0.00	27.58 -0.59 0.00	32.25 -0.89 0.00	33.25 -1.03 0.00	33.72 -1.44 0.00	36.64 -1.53 0.00	37.52 -1.52 0.00	36.59 -1.41 0.00	44.19 -1.70 0.00	52.06 -1.89 0.00	52.50 -1.96 0.00	46.58 -1.54 0.00	41.75 -0.94 0.00	39.39 -1.22 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
N.AKRON__115KV_KNAPP 355671	30.53 -0.62 0.00	26.48 -0.93 0.00	25.68 -1.13 0.00	24.79 -1.25 0.00	24.72 -1.19 0.00	24.07 -1.27 0.00	24.33 -1.36 0.00	25.67 -1.01 0.00	26.56 -0.79 0.00	26.88 -1.30 0.00	31.23 -1.92 0.00	33.35 -0.93 0.00	33.97 -1.20 0.00	36.83 -1.34 0.00	37.75 -1.52 -0.23	37.71 -1.63 -1.35	44.40 -2.07 -0.58	51.63 -2.32 0.00	52.49 -1.96 0.00	46.53 -1.59 0.00	41.62 -1.07 0.00	39.43 -1.18 0.00	35.09 -0.43 0.00	33.30 -0.71 0.00
N.BELMOR_69_KV_BK1 55787	43.64 3.27 -9.21	42.71 2.69 -12.61	42.26 2.41 -13.05	41.05 2.34 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.74 2.29 -2.75	34.56 2.43 -5.45	41.32 2.84 -11.12	42.64 3.21 -11.26	44.93 4.01 -7.77	70.36 4.25 -31.84	61.79 4.54 -22.09	82.10 5.00 -38.94	131.28 5.11 -87.12	167.28 4.98 -124.31	196.17 6.10 -144.18	212.90 7.12 -151.83	172.61 7.08 -111.08	78.72 6.06 -24.54	62.34 5.08 -14.57	71.57 5.12 -25.85	48.33 4.40 -8.41	44.73 3.88 -6.84
N.E_GEN_SANDY PD 24062	32.62 1.46 0.00	28.62 1.20 0.00	27.90 1.10 0.00	27.21 1.17 0.00	27.14 1.22 0.00	26.50 1.17 0.00	26.80 1.10 0.00	27.75 1.07 0.00	28.53 1.18 0.00	29.67 1.49 0.00	35.00 1.86 0.00	34.80 1.92 1.39	35.40 2.22 1.98	37.40 2.44 3.21	39.50 2.50 2.04	40.60 2.40 -0.21	50.07 2.98 -1.20	57.00 3.46 0.40	57.78 3.54 0.21	51.06 2.94 0.00	45.25 2.56 0.00	42.60 2.40 0.40	37.58 2.06 0.00	35.71 1.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.55 2.40 0.00	29.36 1.95 0.00	28.49 1.69 0.00	27.73 1.69 0.00	27.58 1.66 0.00	26.93 1.60 0.00	27.31 1.62 0.00	28.39 1.71 0.00	29.43 2.08 0.00	30.60 2.42 0.00	36.26 3.12 0.00	37.81 3.36 -0.17	39.03 3.62 -0.25	42.58 4.01 -0.40	45.33 4.14 -2.15	52.88 3.99 -10.89	55.39 4.96 -4.54	59.77 5.77 -0.05	60.14 5.66 -0.03	52.93 4.81 0.00	46.66 3.97 0.00	44.60 3.94 -0.05	38.82 3.30 0.00	36.87 2.86 0.00
N.QUEENS_27_KV_LOAD 356247	34.19 3.02 -0.01	29.99 2.58 -0.01	29.11 2.30 -0.01	28.34 2.29 -0.01	28.18 2.25 -0.01	27.49 2.15 -0.01	27.99 2.29 -0.01	29.15 2.46 -0.01	30.18 2.82 -0.01	31.14 2.96 -0.01	39.21 3.81 -2.25	44.35 4.08 -6.00	46.70 4.47 -7.07	50.17 4.92 -7.08	52.90 5.11 -8.75	55.78 4.86 -12.92	58.03 5.74 -6.40	60.65 6.64 -0.06	61.03 6.53 -0.04	53.95 5.82 -0.01	47.65 4.95 -0.01	45.58 4.91 -0.06	39.54 4.01 -0.01	37.56 3.54 -0.01
N.TROY___115KV_TB1 355778	32.46 1.31 0.00	28.53 1.12 0.00	27.79 0.99 0.00	27.03 0.99 0.00	26.95 1.04 0.00	26.32 0.99 0.00	26.65 0.95 0.00	27.57 0.88 0.00	28.53 1.18 0.00	29.44 1.27 0.00	34.71 1.56 0.00	35.71 1.68 0.24	36.65 1.83 0.34	39.59 1.98 0.56	42.61 2.03 -1.54	50.91 1.98 -10.94	53.17 2.39 -4.90	56.74 2.86 0.07	57.25 2.83 0.04	50.62 2.50 0.00	44.87 2.18 0.00	42.61 2.07 0.07	37.30 1.78 0.00	35.44 1.43 0.00
NARROWS_GT1_1 24228	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_2 24229	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_3 24230	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_4 24231	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_5 24232	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49

NARROWS_GT1_6 24233	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_7 24234	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT1_8 24235	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_1 24236	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_2 24237	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_3 24238	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_4 24239	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_5 24240	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_6 24241	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_7 24242	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NARROWS_GT2_8 24243	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.74 5.82 -22.80	76.73 4.99 -29.05	76.73 5.03 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.71 1.56 0.00	28.84 1.43 0.00	27.95 1.15 0.00	27.26 1.22 0.00	27.13 1.22 0.00	26.45 1.11 0.00	26.75 1.05 0.00	27.54 0.85 0.00	28.50 1.15 0.00	29.41 1.24 0.00	34.61 1.46 0.00	35.82 1.61 0.07	36.82 1.76 0.10	39.96 1.95 0.16	42.94 2.03 -1.87	51.40 2.01 -11.39	53.32 2.48 -4.95	57.00 3.08 0.02	57.66 3.21 0.01	50.77 2.65 0.00	44.99 2.31 0.00	43.23 2.64 0.02	37.47 1.95 0.00	35.48 1.46 0.00
NCHELSEA_115KV_TR2 355582	33.68 2.52 0.00	29.47 2.06 0.00	28.60 1.80 0.00	27.83 1.80 0.00	27.71 1.79 0.00	27.03 1.70 0.00	27.44 1.75 0.00	28.47 1.79 0.00	29.54 2.19 0.00	30.68 2.51 0.00	36.36 3.22 0.00	37.92 3.50 -0.15	39.14 3.76 -0.21	42.67 4.16 -0.34	45.53 4.33 -2.16	53.33 4.18 -11.16	55.80 5.23 -4.68	60.09 6.10 -0.04	60.52 6.04 -0.02	53.22 5.10 0.00	46.91 4.23 0.00	44.79 4.14 -0.04	38.93 3.41 0.00	36.90 2.89 0.00
NEG CAPITAL___MECHNVIL 23645	33.06 1.90 0.00	29.00 1.59 0.00	28.19 1.39 0.00	27.39 1.35 0.00	27.32 1.40 0.00	26.68 1.34 0.00	27.01 1.31 0.00	27.97 1.28 0.00	28.88 1.53 0.00	29.98 1.80 0.00	35.30 2.15 0.00	36.33 2.26 0.21	37.40 2.53 0.30	40.36 2.67 0.48	43.39 2.69 -1.66	52.06 2.70 -11.37	54.16 3.21 -5.06	57.82 3.94 0.06	58.45 4.03 0.03	51.68 3.56 0.00	45.72 3.03 0.00	43.43 2.88 0.06	37.97 2.45 0.00	36.02 2.01 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.25 -0.90 0.00	26.42 -0.99 0.00	25.65 -1.15 0.00	24.89 -1.14 0.00	24.75 -1.17 0.00	24.19 -1.14 0.00	24.49 -1.21 0.00	25.78 -0.91 0.00	26.18 -1.18 0.00	27.21 -0.96 0.00	31.79 -1.36 0.00	33.11 -1.17 0.00	34.32 -0.84 0.00	37.17 -0.99 0.00	38.21 -1.02 -0.19	38.05 -1.02 -1.08	45.02 -1.33 -0.46	52.17 -1.78 0.00	52.60 -1.85 0.00	46.77 -1.35 0.00	41.49 -1.20 0.00	39.47 -1.14 0.00	34.84 -0.68 0.00	33.03 -0.99 0.00

NEG CENTRAL___DRP 24199	31.31 0.16 0.00	27.36 -0.05 0.00	26.53 -0.27 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.61 -0.08 0.00	27.41 0.05 0.00	28.09 -0.08 0.00	33.42 -0.27 -0.54	34.62 0.21 -0.14	35.45 0.14 -0.14	38.71 0.08 -0.47	39.55 -0.16 -0.66	39.47 -0.19 -1.67	46.82 -0.23 -1.16	55.65 -0.11 -1.81	56.57 0.11 -2.00	48.76 0.10 -0.54	43.48 0.17 -0.63	42.05 0.12 -1.32	36.40 0.46 -0.41	34.67 0.10 -0.56
NEG CENTRAL___INDECK 23768	31.81 0.66 0.00	27.60 0.19 0.00	26.67 -0.13 0.00	25.83 -0.21 0.00	25.68 -0.23 0.00	25.11 -0.23 0.00	25.31 -0.38 0.00	26.45 -0.24 0.00	26.42 -0.93 0.00	27.33 -0.84 0.00	31.66 -1.49 0.00	32.94 -1.34 0.00	34.25 -0.91 0.00	37.14 -1.03 0.00	38.18 -1.13 -0.28	38.45 -1.14 -1.59	45.38 -1.19 -0.69	52.92 -1.03 0.00	53.96 -0.49 0.00	48.65 0.53 0.00	43.33 0.64 0.00	41.25 0.65 0.00	36.59 1.06 0.00	34.59 0.58 0.00
NEG CENTRAL___SENECA 23627	31.41 0.25 0.00	27.38 -0.03 0.00	26.53 -0.27 0.00	25.72 -0.31 0.00	25.58 -0.34 0.00	25.05 -0.28 0.00	25.36 -0.33 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.09 -0.08 0.00	33.10 -0.33 -0.28	34.62 0.27 -0.07	35.34 0.11 -0.07	38.42 0.00 -0.25	39.16 -0.35 -0.47	39.21 -0.34 -1.55	46.38 -0.41 -0.90	54.58 -0.32 -0.96	55.51 0.00 -1.06	48.41 0.00 -0.29	43.15 0.13 -0.33	41.34 0.04 -0.70	36.31 0.57 -0.22	34.44 0.14 -0.30
NEG CENTRAL___STATE_STREET 24147	31.37 0.22 0.00	27.49 0.08 0.00	26.72 -0.08 0.00	25.93 -0.10 0.00	25.79 -0.13 0.00	25.26 -0.08 0.00	25.57 -0.13 0.00	26.74 0.05 0.00	27.57 0.22 0.00	28.31 0.14 0.00	33.96 0.10 -0.72	34.91 0.45 -0.19	35.81 0.46 -0.19	39.25 0.46 -0.63	40.21 0.35 -0.81	40.13 0.30 -1.83	47.63 0.37 -1.37	56.90 0.54 -2.41	57.78 0.65 -2.67	49.42 0.58 -0.73	44.12 0.60 -0.83	42.89 0.53 -1.76	36.68 0.60 -0.55	35.03 0.27 -0.74
NEG MILLWOOD___DRP 24198	33.87 2.71 0.00	29.63 2.22 0.00	28.76 1.96 0.00	27.96 1.93 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.60 1.90 0.00	28.77 2.08 0.00	29.90 2.54 0.00	31.05 2.87 0.00	36.83 3.68 0.00	38.42 3.98 -0.17	46.48 4.29 -7.02	49.99 4.81 -7.02	52.78 5.04 -8.70	54.28 4.86 -11.42	58.47 6.20 -6.39	61.28 7.28 -0.05	61.72 7.24 -0.03	54.14 6.02 0.00	47.51 4.82 0.00	45.28 4.63 -0.05	39.36 3.84 0.00	37.24 3.23 0.00
NEG NORTH_FLCN_SEA 23793	30.94 -0.22 0.00	27.33 -0.08 0.00	26.91 0.11 0.00	26.09 0.05 0.00	25.92 0.00 0.00	25.31 -0.03 0.00	25.75 0.05 0.00	26.66 -0.03 0.00	26.94 -0.41 0.00	27.78 -0.39 0.00	32.52 -0.63 0.00	33.25 -1.03 0.00	33.97 -1.20 0.00	36.91 -1.26 0.00	37.75 -1.29 0.00	36.82 -1.18 0.00	44.47 -1.42 0.00	52.38 -1.56 0.00	52.82 -1.63 0.00	46.92 -1.20 0.00	42.00 -0.68 0.00	39.63 -0.97 0.00	34.67 -0.85 0.00	33.64 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	30.56 -0.59 0.00	27.00 -0.41 0.00	26.61 -0.19 0.00	25.83 -0.21 0.00	25.66 -0.26 0.00	25.03 -0.30 0.00	25.46 -0.23 0.00	26.34 -0.35 0.00	26.61 -0.74 0.00	27.44 -0.73 0.00	32.12 -1.03 0.00	32.83 -1.44 0.00	33.55 -1.62 0.00	36.45 -1.72 0.00	37.32 -1.72 0.00	36.40 -1.60 0.00	43.96 -1.93 0.00	51.74 -2.21 0.00	52.22 -2.23 0.00	46.39 -1.73 0.00	41.45 -1.24 0.00	39.19 -1.42 0.00	34.28 -1.24 0.00	33.26 -0.75 0.00
NEG NORTH___ALICE_FALLS 23915	30.91 -0.25 0.00	27.30 -0.11 0.00	26.88 0.08 0.00	26.06 0.03 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.75 0.05 0.00	26.63 -0.05 0.00	26.91 -0.44 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.21 -1.06 0.00	33.93 -1.23 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.47 -1.42 0.00	52.38 -1.56 0.00	52.82 -1.63 0.00	46.97 -1.15 0.00	42.05 -0.64 0.00	39.67 -0.93 0.00	34.63 -0.89 0.00	33.60 -0.41 0.00
NEG NORTH___LWR_SARANAC 23913	30.91 -0.25 0.00	27.30 -0.11 0.00	26.88 0.08 0.00	26.06 0.03 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.75 0.05 0.00	26.63 -0.05 0.00	26.91 -0.44 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.21 -1.06 0.00	33.93 -1.23 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.47 -1.42 0.00	52.38 -1.56 0.00	52.82 -1.63 0.00	46.97 -1.15 0.00	42.05 -0.64 0.00	39.67 -0.93 0.00	34.63 -0.89 0.00	33.60 -0.41 0.00
NEG NORTH___PLATTSBURG 23628	30.91 -0.25 0.00	27.33 -0.08 0.00	26.88 0.08 0.00	26.06 0.03 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.75 0.05 0.00	26.63 -0.05 0.00	27.19 -0.16 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.45 -0.82 0.00	33.93 -1.23 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.82 -1.18 0.00	44.47 -1.42 0.00	52.38 -1.57 0.00	52.82 -1.63 0.00	46.97 -1.16 0.00	42.05 -0.64 0.00	39.67 -0.93 0.00	34.63 -0.89 0.00	33.61 -0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	29.97 -1.18 0.00	26.01 -1.40 0.00	25.19 -1.61 0.00	24.34 -1.69 0.00	24.28 -1.63 0.00	23.64 -1.70 0.00	23.90 -1.80 0.00	25.17 -1.52 0.00	26.09 -1.26 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	32.70 -1.58 0.00	33.30 -1.86 0.00	36.11 -2.06 0.00	37.02 -2.26 -0.24	37.00 -2.39 -1.39	43.51 -2.98 -0.60	50.55 -3.40 0.00	51.30 -3.16 0.00	45.52 -2.60 0.00	40.72 -1.96 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
NEG WEST___LANCASTR 23811	30.72 -0.44 0.00	26.64 -0.77 0.00	25.81 -0.99 0.00	24.99 -1.04 0.00	24.80 -1.11 0.00	24.24 -1.09 0.00	24.44 -1.26 0.00	25.70 -0.99 0.00	26.61 -0.74 0.00	27.10 -1.07 0.00	31.56 -1.59 0.00	33.59 -0.69 0.00	34.28 -0.88 0.00	37.17 -0.99 0.00	36.55 -2.77 -0.28	36.75 -2.89 -1.64	43.20 -3.40 -0.71	52.33 -1.62 0.00	52.93 -1.52 0.00	47.01 -1.11 0.00	41.79 -0.90 0.00	39.63 -0.97 0.00	35.34 -0.18 0.00	33.64 -0.37 0.00
NEG_PENN_ALLEGHNY 23528	31.69 0.53 0.00	27.71 0.30 0.00	26.91 0.11 0.00	26.14 0.10 0.00	25.97 0.05 0.00	25.41 0.08 0.00	25.75 0.05 0.00	26.87 0.19 0.00	27.43 0.08 0.00	28.51 0.34 0.00	33.77 0.30 -0.32	34.77 0.41 -0.08	35.99 0.74 -0.08	39.21 0.76 -0.28	40.34 0.51 -0.79	41.76 0.46 -3.30	48.17 0.60 -1.68	56.05 1.02 -1.08	56.63 0.98 -1.19	49.50 1.06 -0.32	43.91 0.85 -0.37	42.20 0.81 -0.78	36.66 0.89 -0.25	34.92 0.58 -0.33
NEG___GEN_MONROE 24207	30.53 -0.62 0.00	26.64 -0.77 0.00	25.94 -0.86 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.42 -0.91 0.00	24.72 -0.98 0.00	25.94 -0.75 0.00	26.78 -0.57 0.00	27.24 -0.93 0.00	31.82 -1.33 0.00	33.66 -0.62 0.00	34.28 -0.88 0.00	37.21 -0.95 0.00	38.34 -0.90 -0.20	38.30 -0.84 -1.14	45.28 -1.10 -0.49	52.33 -1.62 0.00	53.15 -1.31 0.00	46.97 -1.15 0.00	41.96 -0.73 0.00	39.84 -0.77 0.00	35.24 -0.28 0.00	33.43 -0.58 0.00
NEPA___ENERGY 23901	30.69 -0.47 0.00	26.62 -0.79 0.00	25.76 -1.05 0.00	24.97 -1.07 0.00	24.75 -1.17 0.00	24.19 -1.14 0.00	24.39 -1.31 0.00	25.70 -0.99 0.00	26.59 -0.77 0.00	27.16 -1.01 0.00	31.62 -1.52 0.00	33.62 -0.65 0.00	34.28 -0.88 0.00	37.21 -0.95 0.00	37.65 -1.68 -0.29	37.87 -1.79 -1.66	44.54 -2.07 -0.71	52.38 -1.56 0.00	52.93 -1.52 0.00	47.01 -1.11 0.00	41.79 -0.90 0.00	39.67 -0.93 0.00	35.34 -0.18 0.00	33.60 -0.41 0.00

NEVERSINK___HYD 23608	33.21 2.06 0.00	29.03 1.62 0.00	28.17 1.37 0.00	27.36 1.33 0.00	27.26 1.35 0.00	26.60 1.27 0.00	27.01 1.31 0.00	27.99 1.31 0.00	28.83 1.48 0.00	29.24 1.07 0.00	34.64 1.49 0.00	35.96 1.58 -0.11	37.18 1.86 -0.16	40.55 2.14 -0.25	43.18 2.30 -1.83	49.87 2.24 -9.64	52.84 2.89 -4.06	57.44 3.46 -0.03	58.01 3.54 -0.02	51.01 2.89 0.00	44.99 2.30 0.00	44.09 3.45 -0.03	38.33 2.81 0.00	36.33 2.31 0.00
NEWKRMKL_115KV_TB1 55635	31.97 0.81 0.00	28.21 0.79 0.00	27.44 0.64 0.00	26.77 0.73 0.00	26.64 0.73 0.00	26.02 0.68 0.00	26.31 0.62 0.00	27.22 0.53 0.00	28.15 0.79 0.00	29.10 0.93 0.00	34.24 1.09 0.00	35.27 1.17 0.17	36.26 1.34 0.24	39.20 1.41 0.38	42.26 1.48 -1.74	50.85 1.41 -11.45	52.59 1.65 -5.05	55.84 1.94 0.05	56.34 1.91 0.03	49.81 1.68 0.00	44.10 1.41 0.00	42.02 1.46 0.05	36.73 1.21 0.00	34.90 0.88 0.00
NEWTON___FALLS_HYD 23847	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.83 -0.52 0.00	27.58 -0.59 0.00	32.60 -0.83 -0.28	33.32 -1.03 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.97 -0.54 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
NGRID_A1_DSASP 323792	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	24.67 -2.68 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.12 -3.15 0.00	32.53 -2.64 0.00	35.26 -2.90 0.00	36.16 -3.12 -0.25	36.23 -3.19 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.39 -5.06 0.00	44.71 -3.42 0.00	39.44 -3.25 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
NGRID_A2_DSASP 323793	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	24.67 -2.68 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.12 -3.15 0.00	32.53 -2.64 0.00	35.26 -2.90 0.00	36.16 -3.12 -0.25	36.23 -3.19 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.39 -5.06 0.00	44.71 -3.42 0.00	39.44 -3.25 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
NGRID_A4_DSASP 323807	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	24.67 -2.68 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.12 -3.15 0.00	32.53 -2.64 0.00	35.26 -2.90 0.00	36.16 -3.12 -0.25	36.23 -3.19 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.39 -5.06 0.00	44.71 -3.42 0.00	39.44 -3.25 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
NIAGARA_115E_LBMP 323715	29.50 -1.65 0.00	25.63 -1.78 0.00	24.82 -1.98 0.00	23.90 -2.13 0.00	23.92 -2.00 0.00	23.21 -2.13 0.00	23.54 -2.16 0.00	24.71 -1.97 0.00	24.73 -2.63 0.00	25.86 -2.31 0.00	30.00 -3.15 0.00	31.22 -3.05 0.00	32.63 -2.53 0.00	35.42 -2.75 0.00	36.24 -3.05 -0.25	36.23 -3.19 -1.43	42.74 -3.76 -0.61	49.53 -4.42 0.00	49.72 -4.74 0.00	44.90 -3.22 0.00	39.61 -3.07 0.00	37.81 -2.80 0.00	33.75 -1.78 0.00	32.11 -1.90 0.00
NIAGARA_115W_LBMP 323714	29.07 -2.09 0.00	25.27 -2.14 0.00	24.47 -2.33 0.00	23.95 -2.08 0.00	23.61 -2.31 0.00	23.28 -2.05 0.00	23.25 -2.44 0.00	24.58 -2.11 0.00	24.59 -2.76 0.00	25.69 -2.48 0.00	29.80 -3.35 0.00	31.02 -3.26 0.00	32.42 -2.74 0.00	35.19 -2.98 0.00	36.09 -3.20 -0.25	36.15 -3.27 -1.42	42.51 -3.99 -0.61	49.15 -4.80 0.00	49.28 -5.17 0.00	44.56 -3.56 0.00	39.31 -3.37 0.00	37.52 -3.09 0.00	33.53 -1.99 0.00	31.90 -2.11 0.00
NIAGARA_230_LBMP 323716	29.53 -1.62 0.00	25.68 -1.73 0.00	24.87 -1.93 0.00	24.16 -1.87 0.00	24.00 -1.92 0.00	23.46 -1.87 0.00	23.64 -2.06 0.00	24.95 -1.73 0.00	25.00 -2.35 0.00	26.12 -2.06 0.00	30.30 -2.85 0.00	31.53 -2.74 0.00	32.95 -2.21 0.00	35.72 -2.44 0.00	36.59 -2.69 -0.24	36.66 -2.74 -1.40	43.19 -3.30 -0.60	50.01 -3.94 0.00	50.21 -4.25 0.00	45.28 -2.84 0.00	40.00 -2.69 0.00	38.13 -2.48 0.00	34.03 -1.49 0.00	32.41 -1.60 0.00
NIAGARA___115KV_198_GIBSON 55903	29.07 -2.09 0.00	25.27 -2.14 0.00	24.47 -2.33 0.00	23.95 -2.08 0.00	23.61 -2.31 0.00	23.28 -2.05 0.00	23.25 -2.44 0.00	24.58 -2.11 0.00	25.47 -1.89 0.00	25.69 -2.48 0.00	29.80 -3.35 0.00	31.88 -2.40 0.00	32.42 -2.74 0.00	35.19 -2.98 0.00	36.16 -3.12 -0.25	36.26 -3.15 -1.42	42.51 -3.99 -0.61	49.15 -4.80 0.00	49.88 -4.57 0.00	44.27 -3.85 0.00	39.61 -3.07 0.00	37.52 -3.09 0.00	33.53 -1.99 0.00	31.90 -2.11 0.00
NIAGARA____ 23760	29.53 -1.62 0.00	25.68 -1.73 0.00	24.87 -1.93 0.00	24.16 -1.87 0.00	24.00 -1.92 0.00	23.46 -1.87 0.00	23.64 -2.06 0.00	24.95 -1.73 0.00	25.00 -2.35 0.00	26.12 -2.06 0.00	30.30 -2.85 0.00	31.53 -2.74 0.00	32.95 -2.21 0.00	35.72 -2.44 0.00	36.59 -2.69 -0.25	36.68 -2.74 -1.42	43.19 -3.30 -0.61	50.01 -3.94 0.00	50.21 -4.25 0.00	45.28 -2.84 0.00	40.00 -2.69 0.00	38.13 -2.48 0.00	34.03 -1.49 0.00	32.41 -1.60 0.00
NINE_MILE_1 23575	30.32 -0.84 0.00	26.67 -0.74 0.00	26.00 -0.80 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.60 -0.74 0.00	24.93 -0.77 0.00	25.94 -0.75 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.26 -1.06 4.83	31.98 -1.03 1.26	32.98 -0.91 1.26	32.95 -0.99 4.23	33.95 -1.05 4.04	32.96 -1.06 3.97	38.94 -1.28 5.67	36.21 -1.51 16.23	34.98 -1.52 17.95	41.94 -1.30 4.88	35.93 -1.15 5.61	27.70 -1.09 11.81	30.95 -0.85 3.71	28.02 -0.99 5.01
NINE_MILE_2 23744	30.32 -0.84 0.00	26.67 -0.74 0.00	26.00 -0.80 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.60 -0.74 0.00	24.95 -0.75 0.00	25.94 -0.75 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.19 -1.06 4.90	31.97 -1.03 1.28	32.97 -0.91 1.28	32.89 -0.99 4.29	33.89 -1.05 4.10	32.89 -1.06 4.04	38.85 -1.28 5.76	35.96 -1.51 16.48	34.71 -1.52 18.22	41.87 -1.30 4.96	35.85 -1.15 5.69	27.52 -1.09 11.99	30.90 -0.85 3.77	27.94 -0.99 5.08
NM_CAPITAL___DRP 24208	32.03 0.87 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.79 0.76 0.00	26.69 0.78 0.00	26.07 0.73 0.00	26.36 0.67 0.00	27.25 0.56 0.00	28.17 0.82 0.00	29.13 0.96 0.00	34.28 1.13 0.00	35.32 1.23 0.18	36.27 1.37 0.26	39.23 1.49 0.42	42.24 1.52 -1.68	50.74 1.48 -11.26	52.62 1.74 -4.99	55.95 2.05 0.05	56.44 2.01 0.03	49.90 1.78 0.00	44.18 1.49 0.00	42.06 1.50 0.05	36.80 1.28 0.00	34.97 0.95 0.00
NM_CENTRAL___DRP 24181	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.27 -0.08 0.00	28.00 -0.17 0.00	33.35 -0.27 -0.47	34.43 0.03 -0.12	35.32 0.04 -0.12	38.58 0.00 -0.41	39.46 -0.12 -0.54	39.06 -0.15 -1.21	46.61 -0.18 -0.91	55.31 -0.22 -1.58	56.04 -0.16 -1.74	48.45 -0.14 -0.47	43.15 -0.09 -0.54	41.63 -0.12 -1.15	35.92 0.04 -0.36	34.33 -0.17 -0.49

NM_FRONTIER___DRP 24179	29.07 -2.09 0.00	25.27 -2.14 0.00	24.47 -2.33 0.00	23.95 -2.08 0.00	23.61 -2.31 0.00	23.28 -2.05 0.00	23.25 -2.44 0.00	24.58 -2.11 0.00	25.47 -1.89 0.00	25.69 -2.48 0.00	29.80 -3.35 0.00	31.88 -2.40 0.00	32.42 -2.74 0.00	35.19 -2.98 0.00	36.16 -3.12 -0.25	36.26 -3.15 -1.42	42.51 -3.99 -0.61	49.15 -4.80 0.00	49.88 -4.57 0.00	44.27 -3.85 0.00	39.61 -3.07 0.00	37.52 -3.09 0.00	33.53 -1.99 0.00	31.90 -2.11 0.00
NM_ST_REGIS___HYD 24053	30.25 -0.90 0.00	26.73 -0.69 0.00	26.32 -0.48 0.00	25.52 -0.52 0.00	25.37 -0.54 0.00	24.78 -0.56 0.00	25.26 -0.44 0.00	26.13 -0.56 0.00	26.40 -0.96 0.00	27.24 -0.93 0.00	31.89 -1.26 0.00	32.59 -1.68 0.00	33.37 -1.79 0.00	36.22 -1.95 0.00	37.13 -1.91 0.00	36.21 -1.79 0.00	43.78 -2.11 0.00	51.63 -2.32 0.00	52.06 -2.40 0.00	46.15 -1.97 0.00	41.28 -1.41 0.00	38.98 -1.62 0.00	33.99 -1.53 0.00	32.96 -1.05 0.00
NORTHPORT___1 23551	43.11 2.74 -9.21	42.29 2.27 -12.61	41.91 2.06 -13.05	40.79 2.08 -12.67	37.66 2.07 -9.67	34.34 2.00 -7.01	30.61 2.16 -2.75	34.37 2.24 -5.45	40.83 2.35 -11.12	42.27 2.84 -11.26	44.27 3.35 -7.77	44.52 3.46 -6.79	44.66 3.83 -5.66	44.66 4.24 -2.26	44.88 4.37 -1.47	45.41 4.18 -3.23	45.82 5.14 5.21	45.91 6.04 14.08	45.92 6.10 14.63	45.91 5.15 7.36	45.67 4.31 1.33	45.41 4.18 -0.62	44.88 3.55 -5.81	44.05 3.20 -6.84
NORTHPORT___2 23552	43.11 2.74 -9.21	42.29 2.27 -12.61	41.91 2.06 -13.05	40.79 2.08 -12.67	37.66 2.07 -9.67	34.34 2.00 -7.01	30.61 2.16 -2.75	34.37 2.24 -5.45	40.83 2.35 -11.12	42.27 2.84 -11.26	44.27 3.35 -7.77	44.52 3.46 -6.79	44.66 3.83 -5.66	44.66 4.24 -2.26	44.88 4.37 -1.47	45.41 4.18 -3.23	45.82 5.14 5.21	45.91 6.04 14.08	45.92 6.10 14.63	45.91 5.15 7.36	45.67 4.31 1.33	45.41 4.18 -0.62	44.88 3.55 -5.81	44.05 3.20 -6.84
NORTHPORT___3 23553	42.95 2.58 -9.21	42.16 2.14 -12.61	41.86 2.01 -13.05	40.74 2.03 -12.67	37.61 2.02 -9.67	34.29 1.95 -7.01	30.46 2.01 -2.75	34.27 2.14 -5.45	40.80 2.32 -11.12	42.16 2.73 -11.26	44.17 3.25 -7.77	44.48 3.43 -6.78	44.62 3.80 -5.65	44.65 4.24 -2.25	44.87 4.37 -1.46	45.18 4.22 -2.97	45.86 5.18 5.21	45.90 6.04 14.09	45.86 6.04 14.64	45.80 5.05 7.37	45.58 4.23 1.34	45.36 4.14 -0.61	44.77 3.44 -5.80	43.80 2.96 -6.83
NORTHPORT___4 23650	42.95 2.58 -9.21	42.16 2.14 -12.61	41.86 2.01 -13.05	40.74 2.03 -12.67	37.61 2.02 -9.67	34.29 1.95 -7.01	30.46 2.01 -2.75	34.27 2.14 -5.45	40.80 2.32 -11.12	42.16 2.73 -11.26	44.17 3.25 -7.77	44.48 3.43 -6.78	44.62 3.80 -5.65	44.65 4.24 -2.25	44.87 4.37 -1.46	45.18 4.22 -2.97	45.86 5.18 5.21	45.90 6.04 14.09	45.86 6.04 14.64	45.80 5.05 7.37	45.58 4.23 1.34	45.36 4.14 -0.61	44.77 3.44 -5.80	43.80 2.96 -6.83
NORTHPORT___IC 23718	43.17 2.80 -9.21	42.35 2.33 -12.61	41.91 2.06 -13.05	40.79 2.08 -12.67	37.66 2.07 -9.67	34.37 2.03 -7.01	30.61 2.16 -2.75	34.37 2.24 -5.45	41.05 2.57 -11.12	42.27 2.85 -11.26	44.30 3.38 -7.77	44.66 3.60 -6.79	44.66 3.83 -5.66	44.66 4.24 -2.26	44.88 4.37 -1.47	45.41 4.18 -3.23	45.82 5.14 5.21	45.91 6.04 14.08	45.81 5.99 14.63	45.91 5.15 7.36	45.59 4.23 1.33	45.41 4.18 -0.62	44.88 3.55 -5.81	44.05 3.20 -6.84
NORTH___COUNTRY_ESR 323785	30.50 -0.66 0.00	27.00 -0.41 0.00	26.56 -0.24 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.00 -0.33 0.00	25.41 -0.28 0.00	26.31 -0.37 0.00	26.89 -0.47 0.00	27.41 -0.76 0.00	32.09 -1.06 0.00	33.07 -1.20 0.00	33.55 -1.62 0.00	36.41 -1.76 0.00	37.29 -1.76 0.00	36.33 -1.67 0.00	43.87 -2.02 0.00	51.63 -2.32 0.00	52.12 -2.34 0.00	46.24 -1.88 0.00	41.32 -1.37 0.00	39.10 -1.50 0.00	34.21 -1.31 0.00	33.20 -0.82 0.00
NPX_GEN_1385_PROXY 323591	42.42 2.06 -9.21	39.80 1.48 -10.91	39.30 1.31 -11.19	38.20 1.35 -10.81	36.96 1.37 -9.67	33.71 1.37 -7.01	30.48 2.03 -2.75	34.00 1.87 -5.45	38.48 1.59 -9.54	38.84 2.03 -8.64	41.93 2.39 -6.39	43.56 2.50 -6.79	43.81 2.99 -5.66	43.74 3.32 -2.26	44.10 3.59 -1.47	45.22 3.99 -3.23	46.37 5.69 5.21	46.50 6.63 14.08	46.52 6.70 14.63	46.39 5.63 7.36	45.93 4.57 1.33	45.21 3.98 -0.62	44.35 3.02 -5.81	43.20 2.35 -6.84
NPX_GEN_CSC 323557	43.58 3.21 -9.21	42.60 2.58 -12.61	42.18 2.33 -13.05	40.97 2.26 -12.67	37.84 2.25 -9.67	34.50 2.15 -7.01	30.63 2.18 -2.75	34.45 2.32 -5.45	40.99 2.51 -11.12	42.55 3.13 -11.26	44.97 4.04 -7.78	70.41 4.28 -31.85	61.90 4.64 -22.09	82.26 5.15 -38.95	131.44 5.27 -87.13	164.02 5.13 -120.89	196.42 6.33 -144.19	275.34 7.45 -213.95	173.06 7.52 -111.09	137.00 6.40 -82.48	62.61 5.34 -14.58	71.66 5.20 -25.86	48.19 4.26 -8.41	44.63 3.78 -6.84
NSINS_S_GLNS_FALLS 23858	33.21 2.06 0.00	29.19 1.78 0.00	28.27 1.47 0.00	27.47 1.43 0.00	27.37 1.45 0.00	26.73 1.39 0.00	27.11 1.41 0.00	28.07 1.39 0.00	29.24 1.89 0.00	30.23 2.06 0.00	35.40 2.25 0.00	36.56 2.47 0.18	37.43 2.53 0.26	40.34 2.60 0.42	43.45 2.65 -1.75	52.36 2.70 -11.66	54.40 3.35 -5.16	58.05 4.15 0.05	58.89 4.47 0.03	52.12 3.99 0.00	46.06 3.37 0.00	43.80 3.25 0.05	38.22 2.70 0.00	36.16 2.14 0.00
NUCOR_STEEL___DRP 24197	31.47 0.31 0.00	27.60 0.19 0.00	26.83 0.03 0.00	26.04 0.00 0.00	25.89 -0.03 0.00	25.36 0.03 0.00	25.70 0.00 0.00	26.85 0.16 0.00	27.65 0.30 0.00	28.40 0.23 0.00	34.08 0.17 -0.77	34.99 0.51 -0.20	35.89 0.53 -0.20	39.33 0.50 -0.67	40.32 0.43 -0.85	40.13 0.30 -1.83	47.72 0.41 -1.42	57.07 0.54 -2.58	57.96 0.65 -2.86	49.48 0.58 -0.78	44.18 0.60 -0.89	43.01 0.53 -1.88	36.71 0.60 -0.59	35.12 0.31 -0.80
NUMBER_THREE_WT_PWR 323818	31.87 0.72 0.00	27.82 0.41 0.00	27.15 0.35 0.00	26.27 0.23 0.00	26.18 0.26 0.00	25.59 0.25 0.00	25.93 0.23 0.00	26.85 0.16 0.00	27.43 0.08 0.00	28.09 -0.08 0.00	33.26 -0.23 -0.34	34.09 -0.28 -0.09	35.08 -0.17 -0.09	38.20 -0.27 -0.30	39.07 -0.31 -0.34	38.40 -0.23 -0.63	46.30 -0.14 -0.55	56.23 1.13 -1.14	57.19 1.47 -1.27	49.81 1.35 -0.34	44.36 1.28 -0.40	42.62 1.18 -0.83	36.49 0.71 -0.26	35.11 0.75 -0.35
NYISO_LBMP_REFERENCE 24008	31.16 0.00 0.00	27.41 0.00 0.00	26.80 0.00 0.00	26.04 0.00 0.00	25.92 0.00 0.00	25.33 0.00 0.00	25.70 0.00 0.00	26.69 0.00 0.00	27.35 0.00 0.00	28.17 0.00 0.00	33.15 0.00 0.00	34.27 0.00 0.00	35.16 0.00 0.00	38.17 0.00 0.00	39.04 0.00 0.00	38.00 0.00 0.00	45.89 0.00 0.00	53.95 0.00 0.00	54.46 0.00 0.00	48.12 0.00 0.00	42.69 0.00 0.00	40.61 0.00 0.00	35.52 0.00 0.00	34.01 0.00 0.00
NYPA_BRENTWD____GT 24164	43.79 3.43 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.10 2.51 -9.67	34.75 2.41 -7.01	30.94 2.49 -2.75	34.75 2.62 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.03 4.11 -7.78	70.33 4.21 -31.84	61.90 4.64 -22.09	81.99 4.89 -38.94	131.20 5.04 -87.12	163.87 4.86 -121.01	196.04 5.96 -144.18	225.88 7.01 -164.92	172.61 7.08 -111.08	90.89 6.01 -36.75	62.34 5.08 -14.57	71.41 4.95 -25.85	48.44 4.48 -8.44	44.83 3.98 -6.84

NYPA_GOWANUS____GT5 24156	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.69 5.77 -22.80	76.69 4.95 -29.05	76.73 5.03 -31.09	64.04 4.26 -24.25	53.25 3.74 -15.49
NYPA_GOWANUS____GT6 24157	34.38 3.12 -0.11	29.91 2.49 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	29.85 2.49 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.34 4.11 -45.96	81.14 4.54 -41.44	80.87 4.96 -37.74	76.51 5.07 -32.39	80.56 4.86 -37.70	80.16 5.78 -28.49	80.20 6.58 -19.67	76.75 6.59 -15.71	76.69 5.77 -22.80	76.69 4.95 -29.05	76.73 5.03 -31.09	64.04 4.26 -24.25	53.25 3.74 -15.49
NYPA_HARLEM__RVR__GT1 24160	34.13 2.96 -0.01	29.86 2.44 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.89 2.18 -0.01	29.04 2.35 -0.01	29.85 2.49 -0.01	31.06 2.88 -0.01	39.08 3.68 -2.25	44.08 3.80 -6.00	46.55 4.32 -7.07	50.02 4.77 -7.08	52.71 4.92 -8.75	54.20 4.71 -11.49	57.89 5.60 -6.40	60.43 6.42 -0.06	60.86 6.37 -0.04	53.76 5.63 -0.01	47.52 4.82 -0.01	45.42 4.75 -0.06	39.44 3.91 -0.01	37.45 3.43 -0.01
NYPA_HARLEM__RVR__GT2 24161	34.13 2.96 -0.01	29.86 2.44 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.89 2.18 -0.01	29.04 2.35 -0.01	29.85 2.49 -0.01	31.06 2.88 -0.01	39.08 3.68 -2.25	44.08 3.80 -6.00	46.55 4.32 -7.07	50.02 4.77 -7.08	52.71 4.92 -8.75	54.20 4.71 -11.49	57.89 5.60 -6.40	60.43 6.42 -0.06	60.86 6.37 -0.04	53.76 5.63 -0.01	47.52 4.82 -0.01	45.42 4.75 -0.06	39.44 3.91 -0.01	37.45 3.43 -0.01
NYPA_KENT____GT 24152	34.28 3.06 -0.07	29.86 2.44 -0.01	29.01 2.20 -0.01	28.20 2.16 -0.01	28.10 2.18 -0.01	27.39 2.05 -0.01	27.81 2.11 -0.01	28.94 2.24 -0.01	29.79 2.43 -0.01	48.17 3.07 -16.92	46.36 3.84 -9.37	67.12 3.97 -28.88	66.34 4.43 -26.75	67.61 4.81 -24.64	66.25 4.92 -22.29	69.20 4.71 -26.49	70.53 5.60 -19.04	62.74 6.42 -2.37	62.71 6.37 -1.89	56.43 5.63 -2.68	50.92 4.82 -3.41	45.60 4.87 -0.12	39.74 4.15 -0.07	46.56 3.67 -8.87
NYPA_POUCH1____GT 24155	34.29 3.02 -0.11	29.86 2.44 -0.01	29.03 2.22 -0.01	28.23 2.19 -0.01	28.10 2.18 -0.01	27.42 2.08 -0.01	27.81 2.11 -0.01	28.91 2.21 -0.01	29.77 2.41 -0.01	60.00 3.04 -28.78	51.65 3.81 -14.69	84.24 4.01 -45.96	81.07 4.47 -41.44	80.80 4.89 -37.74	76.44 5.00 -32.39	80.52 4.83 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.70 6.53 -15.71	76.69 5.77 -22.80	76.64 4.91 -29.05	76.65 4.95 -31.09	63.96 4.19 -24.25	53.18 3.67 -15.49
NYPA_VERNON____GT2 24162	34.14 2.96 -0.02	29.80 2.38 -0.01	28.95 2.14 -0.01	28.15 2.11 -0.01	28.02 2.10 -0.01	27.34 2.00 -0.01	27.79 2.08 -0.01	28.91 2.21 -0.01	29.77 2.41 -0.01	36.22 2.98 -5.07	40.98 3.78 -4.05	49.97 3.91 -11.79	51.54 4.32 -12.05	54.39 4.69 -11.53	56.02 4.80 -12.18	57.88 4.60 -15.29	60.95 5.46 -9.60	60.27 6.26 -0.06	60.75 6.26 -0.04	53.61 5.48 -0.01	47.39 4.70 -0.01	45.43 4.75 -0.08	39.59 4.05 -0.02	39.84 3.57 -2.25
NYPA_VERNON____GT3 24163	34.14 2.96 -0.02	29.80 2.38 -0.01	28.95 2.14 -0.01	28.15 2.11 -0.01	28.02 2.10 -0.01	27.34 2.00 -0.01	27.79 2.08 -0.01	28.91 2.21 -0.01	29.77 2.41 -0.01	36.22 2.98 -5.07	40.98 3.78 -4.05	49.97 3.91 -11.79	51.54 4.32 -12.05	54.39 4.69 -11.53	56.02 4.80 -12.18	57.88 4.60 -15.29	60.95 5.46 -9.60	60.27 6.26 -0.06	60.75 6.26 -0.04	53.61 5.48 -0.01	47.39 4.70 -0.01	45.43 4.75 -0.08	39.59 4.05 -0.02	39.84 3.57 -2.25
NYPA____ASTORIA_CC1 323568	34.09 2.93 -0.01	29.78 2.36 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.11 3.84 -6.00	46.48 4.25 -7.07	49.90 4.65 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.65 5.37 -6.40	60.15 6.15 -0.06	60.58 6.10 -0.03	53.51 5.39 0.00	47.34 4.65 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.53 3.50 -0.01
NYPA____ASTORIA_CC2 323569	34.09 2.93 -0.01	29.78 2.36 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	32.00 2.93 -0.90	39.11 3.71 -2.25	44.11 3.84 -6.00	46.48 4.25 -7.07	49.90 4.65 -7.08	52.55 4.76 -8.75	54.00 4.52 -11.48	57.65 5.37 -6.40	60.15 6.15 -0.06	60.58 6.10 -0.03	53.51 5.39 0.00	47.34 4.65 0.00	45.38 4.71 -0.06	39.51 3.98 -0.01	37.53 3.50 -0.01
NYPA____HOLTSVILL 23794	43.61 3.24 -9.21	42.65 2.63 -12.61	42.23 2.38 -13.05	41.05 2.34 -12.67	37.92 2.33 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.56 2.43 -5.45	41.08 2.60 -11.12	42.58 3.15 -11.26	44.90 3.98 -7.78	70.23 4.11 -31.85	61.76 4.50 -22.09	82.04 4.93 -38.94	131.21 5.04 -87.13	163.75 4.86 -120.89	196.04 5.96 -144.19	273.79 7.01 -212.83	172.62 7.08 -111.09	135.57 6.01 -81.44	62.35 5.08 -14.58	71.46 4.99 -25.86	48.16 4.22 -8.41	44.63 3.78 -6.84
NYPA____HELLGATE_GT1 24158	34.13 2.96 -0.01	29.86 2.44 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.89 2.18 -0.01	29.04 2.35 -0.01	29.85 2.49 -0.01	31.06 2.88 -0.01	39.08 3.68 -2.25	44.08 3.80 -6.00	46.52 4.29 -7.07	50.02 4.77 -7.08	52.71 4.92 -8.75	54.20 4.71 -11.49	57.89 5.60 -6.40	60.43 6.42 -0.06	60.86 6.37 -0.04	53.76 5.63 -0.01	47.52 4.82 -0.01	45.42 4.75 -0.06	39.44 3.91 -0.01	37.45 3.43 -0.01
NYPA____HELLGATE_GT2 24159	34.13 2.96 -0.01	29.86 2.44 -0.01	29.03 2.22 -0.01	28.26 2.21 -0.01	28.10 2.18 -0.01	27.44 2.10 -0.01	27.89 2.18 -0.01	29.04 2.35 -0.01	29.85 2.49 -0.01	31.06 2.88 -0.01	39.08 3.68 -2.25	44.08 3.80 -6.00	46.52 4.29 -7.07	50.02 4.77 -7.08	52.71 4.92 -8.75	54.20 4.71 -11.49	57.89 5.60 -6.40	60.43 6.42 -0.06	60.86 6.37 -0.04	53.76 5.63 -0.01	47.52 4.82 -0.01	45.42 4.75 -0.06	39.44 3.91 -0.01	37.45 3.43 -0.01
NYS_BARGE____HYD 23848	30.00 -1.15 0.00	26.04 -1.37 0.00	25.22 -1.58 0.00	24.34 -1.69 0.00	24.31 -1.61 0.00	23.64 -1.70 0.00	23.92 -1.77 0.00	25.17 -1.52 0.00	25.22 -2.13 0.00	26.37 -1.80 0.00	30.60 -2.55 0.00	31.87 -2.40 0.00	33.30 -1.86 0.00	36.14 -2.02 0.00	36.90 -2.38 -0.24	36.87 -2.51 -1.38	43.55 -2.94 -0.59	50.55 -3.40 0.00	50.75 -3.70 0.00	45.81 -2.31 0.00	40.47 -2.22 0.00	38.58 -2.03 0.00	34.42 -1.10 0.00	32.72 -1.29 0.00
OAK ORCHARD____HYD 24046	30.60 -0.56 0.00	26.67 -0.74 0.00	25.89 -0.91 0.00	25.12 -0.91 0.00	24.98 -0.93 0.00	24.42 -0.91 0.00	24.69 -1.00 0.00	25.99 -0.69 0.00	26.31 -1.04 0.00	27.38 -0.79 0.00	31.96 -1.19 0.00	33.28 -1.00 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.54 -0.70 -0.19	38.40 -0.72 -1.12	45.41 -0.97 -0.48	52.55 -1.40 0.00	52.99 -1.47 0.00	47.26 -0.86 0.00	41.88 -0.81 0.00	39.88 -0.73 0.00	35.24 -0.29 0.00	33.43 -0.58 0.00

OAKDALE___35_KV_LOAD 356122	31.53 0.37 0.00	27.57 0.16 0.00	26.80 0.00 0.00	26.04 0.00 0.00	25.86 -0.05 0.00	25.31 -0.03 0.00	25.64 -0.05 0.00	26.74 0.05 0.00	27.57 0.22 0.00	28.37 0.20 0.00	33.59 0.13 -0.31	34.87 0.51 -0.08	35.77 0.53 -0.08	38.97 0.53 -0.27	40.14 0.31 -0.78	41.54 0.27 -3.28	47.92 0.37 -1.66	55.70 0.70 -1.05	56.43 0.82 -1.16	49.16 0.72 -0.31	43.69 0.64 -0.36	41.98 0.61 -0.76	36.47 0.71 -0.24	34.74 0.41 -0.32
OCC_CHEM___DRP 24175	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	25.55 -1.81 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.98 -2.30 0.00	32.53 -2.64 0.00	35.27 -2.90 0.00	36.28 -3.01 -0.25	36.34 -3.08 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.99 -4.47 0.00	44.42 -3.71 0.00	39.74 -2.95 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
OH_GEN_PROXY 24063	29.57 -1.59 0.00	25.71 -1.70 0.00	24.90 -1.90 0.00	24.19 -1.85 0.00	24.03 -1.89 0.00	23.49 -1.85 0.00	23.69 -2.00 0.00	24.98 -1.71 0.00	25.05 -2.30 0.00	26.20 -1.97 0.00	30.40 -2.75 0.00	31.64 -2.64 0.00	33.02 -2.15 0.00	35.80 -2.37 0.00	36.67 -2.62 -0.24	36.74 -2.66 -1.40	43.28 -3.21 -0.60	50.17 -3.78 0.00	50.37 -4.09 0.00	45.43 -2.69 0.00	40.08 -2.61 0.00	38.25 -2.36 0.00	34.10 -1.42 0.00	32.45 -1.56 0.00
OLIN_CORP_DRP 24177	29.54 -1.62 0.00	25.66 -1.75 0.00	24.87 -1.93 0.00	23.95 -2.08 0.00	23.97 -1.94 0.00	23.28 -2.05 0.00	23.59 -2.11 0.00	24.76 -1.92 0.00	25.68 -1.67 0.00	25.92 -2.25 0.00	30.07 -3.08 0.00	32.15 -2.13 0.00	32.70 -2.46 0.00	35.49 -2.67 0.00	36.44 -2.85 -0.25	36.43 -3.00 -1.44	42.84 -3.67 -0.62	49.69 -4.26 0.00	50.37 -4.08 0.00	44.70 -3.42 0.00	40.00 -2.69 0.00	37.89 -2.72 0.00	33.85 -1.67 0.00	32.21 -1.80 0.00
OLIN_CORP_DSASP 323712	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	24.67 -2.68 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.12 -3.15 0.00	32.53 -2.64 0.00	35.26 -2.90 0.00	36.16 -3.12 -0.25	36.23 -3.19 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.39 -5.06 0.00	44.71 -3.42 0.00	39.44 -3.25 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
ONEIDA_HERK_LFGE 323681	32.06 0.90 0.00	28.07 0.66 0.00	27.36 0.56 0.00	26.53 0.49 0.00	26.43 0.52 0.00	25.84 0.51 0.00	26.21 0.51 0.00	27.19 0.51 0.00	27.85 0.49 0.00	28.68 0.51 0.00	33.86 0.53 -0.19	34.87 0.55 -0.05	35.92 0.70 -0.05	39.05 0.72 -0.16	39.95 0.70 -0.21	39.16 0.72 -0.44	47.20 0.97 -0.34	56.30 1.73 -0.62	57.05 1.90 -0.69	49.99 1.68 -0.19	44.40 1.49 -0.22	42.48 1.42 -0.45	36.73 1.06 -0.14	35.16 0.95 -0.19
ONEIDA___115KV_TB4 55905	32.25 1.09 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.71 0.68 0.00	26.59 0.67 0.00	26.02 0.68 0.00	26.36 0.67 0.00	27.41 0.72 0.00	28.17 0.82 0.00	28.96 0.79 0.00	34.26 0.86 -0.25	35.44 1.10 -0.07	36.43 1.20 -0.07	39.65 1.26 -0.22	40.60 1.25 -0.31	39.98 1.22 -0.77	47.94 1.51 -0.54	56.91 2.10 -0.86	57.69 2.29 -0.95	50.35 1.97 -0.26	44.78 1.79 -0.30	42.89 1.66 -0.62	37.14 1.42 -0.20	35.47 1.19 -0.26
ONONDAGA_REF_OCCRA 23987	30.97 -0.19 0.00	27.19 -0.22 0.00	26.45 -0.35 0.00	25.70 -0.34 0.00	25.55 -0.36 0.00	25.03 -0.30 0.00	25.36 -0.33 0.00	26.42 -0.27 0.00	27.22 -0.14 0.00	27.95 -0.23 0.00	33.43 -0.30 -0.58	34.43 0.00 -0.15	35.32 0.00 -0.15	38.63 -0.04 -0.51	39.56 -0.12 -0.64	39.22 -0.15 -1.37	46.77 -0.18 -1.07	55.68 -0.22 -1.94	56.44 -0.16 -2.15	48.56 -0.14 -0.59	43.23 -0.13 -0.67	41.90 -0.12 -1.42	35.97 0.00 -0.44	34.37 -0.24 -0.60
ONONDAGA___COGEN 23986	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
ONTARIO___LFGE 23819	31.40 0.25 0.00	27.38 -0.03 0.00	26.53 -0.27 0.00	25.72 -0.31 0.00	25.58 -0.34 0.00	25.06 -0.28 0.00	25.36 -0.33 0.00	26.63 -0.05 0.00	27.05 -0.30 0.00	28.09 -0.08 0.00	33.10 -0.33 -0.28	34.21 -0.14 -0.07	35.34 0.11 -0.07	38.42 0.00 -0.25	39.12 -0.39 -0.47	39.17 -0.38 -1.55	46.38 -0.41 -0.90	54.58 -0.32 -0.96	55.30 -0.22 -1.06	48.51 0.10 -0.29	43.06 0.04 -0.33	41.34 0.04 -0.70	36.31 0.57 -0.22	34.45 0.14 -0.30
ORANGEVILLE_WT_PWR 323706	30.53 -0.62 0.00	26.48 -0.93 0.00	25.60 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.51 -1.17 0.00	25.68 -1.67 0.00	26.82 -1.35 0.00	31.19 -1.96 0.00	32.46 -1.82 0.00	33.83 -1.34 0.00	36.68 -1.49 0.00	37.27 -2.07 -0.30	37.58 -2.13 -1.72	44.15 -2.48 -0.74	51.52 -2.43 0.00	51.79 -2.67 0.00	46.63 -1.49 0.00	41.15 -1.54 0.00	39.31 -1.30 0.00	35.06 -0.46 0.00	33.30 -0.72 0.00
ORANGEVILLE___ESR 323794	30.53 -0.62 0.00	26.48 -0.93 0.00	25.60 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.51 -1.17 0.00	25.68 -1.67 0.00	26.82 -1.35 0.00	31.19 -1.96 0.00	32.46 -1.82 0.00	33.83 -1.34 0.00	36.68 -1.49 0.00	37.27 -2.07 -0.30	37.58 -2.13 -1.72	44.15 -2.48 -0.74	51.52 -2.43 0.00	51.79 -2.67 0.00	46.63 -1.49 0.00	41.15 -1.54 0.00	39.31 -1.30 0.00	35.06 -0.46 0.00	33.30 -0.72 0.00
OSWEGATCHIE___HYD 24044	30.94 -0.22 0.00	27.19 -0.22 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.11 -0.23 0.00	25.49 -0.21 0.00	26.39 -0.29 0.00	26.97 -0.38 0.00	27.58 -0.59 0.00	32.61 -0.83 -0.28	33.42 -0.92 -0.07	34.18 -1.05 -0.07	37.23 -1.18 -0.25	38.11 -1.21 -0.28	37.38 -1.10 -0.49	45.10 -1.24 -0.44	54.15 -0.76 -0.96	54.92 -0.60 -1.06	47.98 -0.43 -0.29	42.85 -0.17 -0.33	41.02 -0.28 -0.70	35.28 -0.46 -0.22	34.04 -0.27 -0.30
OSWEGO___5 23606	30.56 -0.59 0.00	26.86 -0.55 0.00	26.19 -0.62 0.00	25.44 -0.60 0.00	25.32 -0.60 0.00	24.78 -0.56 0.00	25.11 -0.59 0.00	26.12 -0.56 0.00	26.72 -0.63 0.00	27.55 -0.62 0.00	35.95 -0.80 -3.60	34.46 -0.75 -0.94	35.51 -0.60 -0.94	40.63 -0.69 -3.15	41.49 -0.74 -3.19	41.25 -0.76 -4.01	49.65 -0.92 -4.68	64.96 -1.08 -12.09	66.74 -1.09 -13.38	50.90 -0.86 -3.64	46.10 -0.77 -4.18	48.68 -0.73 -8.80	37.72 -0.57 -2.77	37.06 -0.68 -3.73
OSWEGO___6 23613	30.56 -0.59 0.00	26.86 -0.55 0.00	26.19 -0.62 0.00	25.44 -0.60 0.00	25.32 -0.60 0.00	24.78 -0.56 0.00	25.11 -0.59 0.00	26.12 -0.56 0.00	26.72 -0.63 0.00	27.55 -0.62 0.00	35.95 -0.80 -3.60	34.46 -0.75 -0.94	35.51 -0.60 -0.94	40.63 -0.69 -3.15	41.49 -0.74 -3.19	41.25 -0.76 -4.01	49.65 -0.92 -4.68	64.96 -1.08 -12.09	66.74 -1.09 -13.38	50.90 -0.86 -3.64	46.10 -0.77 -4.18	48.68 -0.73 -8.80	37.72 -0.57 -2.77	37.06 -0.68 -3.73

OUTOKUMPU-AB___DRP 24206	30.13 -1.03 0.00	26.12 -1.29 0.00	25.33 -1.47 0.00	24.58 -1.46 0.00	24.39 -1.53 0.00	23.86 -1.47 0.00	24.00 -1.70 0.00	25.33 -1.36 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.97 -1.30 0.00	33.58 -1.58 0.00	36.45 -1.72 0.00	37.26 -2.03 -0.25	37.28 -2.17 -1.45	43.80 -2.71 -0.62	50.82 -3.13 0.00	51.51 -2.94 0.00	45.91 -2.21 0.00	40.98 -1.71 0.00	38.82 -1.79 0.00	34.67 -0.85 0.00	32.96 -1.05 0.00
OXBOW___BTM 323836	29.66 -1.49 0.00	25.77 -1.64 0.00	24.95 -1.85 0.00	24.32 -1.72 0.00	24.05 -1.87 0.00	23.61 -1.72 0.00	23.69 -2.00 0.00	25.01 -1.68 0.00	25.03 -2.33 0.00	26.20 -1.97 0.00	30.40 -2.75 0.00	31.67 -2.61 0.00	33.09 -2.07 0.00	35.91 -2.25 0.00	36.71 -2.58 -0.25	36.73 -2.70 -1.44	43.29 -3.21 -0.62	49.90 -4.05 0.00	49.99 -4.46 0.00	45.47 -2.65 0.00	40.13 -2.56 0.00	38.29 -2.31 0.00	34.17 -1.35 0.00	32.52 -1.50 0.00
OXBOW___ 24026	29.66 -1.50 0.00	25.74 -1.67 0.00	24.95 -1.85 0.00	24.32 -1.72 0.00	24.05 -1.87 0.00	23.61 -1.72 0.00	23.69 -2.00 0.00	25.01 -1.68 0.00	25.90 -1.45 0.00	26.20 -1.97 0.00	30.40 -2.75 0.00	32.53 -1.75 0.00	33.09 -2.07 0.00	35.91 -2.25 0.00	36.83 -2.46 -0.25	36.85 -2.58 -1.44	43.29 -3.21 -0.62	49.90 -4.05 0.00	50.59 -3.87 0.00	45.23 -2.89 0.00	40.43 -2.26 0.00	38.29 -2.31 0.00	34.17 -1.35 0.00	32.52 -1.50 0.00
OXY_CHEM_DSASP 323612	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	25.55 -1.81 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.98 -2.30 0.00	32.53 -2.64 0.00	35.27 -2.90 0.00	36.28 -3.01 -0.25	36.34 -3.08 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.99 -4.47 0.00	44.42 -3.71 0.00	39.74 -2.95 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
OZONE_PARK_ESR 323760	34.36 3.21 0.00	30.04 2.63 0.00	29.11 2.30 0.00	28.30 2.27 0.00	28.17 2.25 0.00	27.49 2.15 0.00	27.91 2.21 0.00	29.06 2.38 0.00	30.14 2.79 0.00	31.36 3.18 0.00	39.37 4.04 -2.17	44.44 4.35 -5.82	46.86 4.64 -7.06	50.36 5.11 -7.08	52.98 5.19 -8.75	54.50 5.02 -11.48	58.39 6.10 -6.40	61.07 7.07 -0.06	61.51 7.02 -0.03	54.18 6.06 0.00	47.81 5.12 0.00	45.82 5.16 -0.06	39.89 4.37 0.00	37.89 3.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	25.55 -1.81 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.98 -2.30 0.00	32.53 -2.64 0.00	35.27 -2.90 0.00	36.28 -3.01 -0.25	36.34 -3.08 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.99 -4.47 0.00	44.42 -3.71 0.00	39.74 -2.95 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
PACKARD___115KV_DUPONT_184 80571	29.16 -1.99 0.00	25.33 -2.08 0.00	24.55 -2.25 0.00	24.01 -2.03 0.00	23.66 -2.25 0.00	23.33 -2.00 0.00	23.33 -2.36 0.00	24.63 -2.05 0.00	25.55 -1.81 0.00	25.78 -2.39 0.00	29.90 -3.25 0.00	31.98 -2.30 0.00	32.53 -2.64 0.00	35.27 -2.90 0.00	36.28 -3.01 -0.25	36.34 -3.08 -1.42	42.65 -3.85 -0.61	49.25 -4.69 0.00	49.99 -4.47 0.00	44.42 -3.71 0.00	39.74 -2.95 0.00	37.64 -2.96 0.00	33.60 -1.92 0.00	32.01 -2.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.09 2.93 -0.01	29.89 2.47 -0.01	28.98 2.17 -0.01	28.21 2.16 -0.01	28.08 2.15 -0.01	27.39 2.05 -0.01	27.81 2.11 -0.01	28.96 2.27 -0.01	29.96 2.60 -0.01	31.03 2.85 -0.01	38.98 3.58 -2.25	44.15 3.87 -6.00	46.45 4.22 -7.07	49.94 4.69 -7.08	52.63 4.84 -8.75	54.12 4.64 -11.49	57.75 5.46 -6.40	60.27 6.26 -0.06	60.70 6.21 -0.04	53.62 5.49 -0.01	47.39 4.70 -0.01	45.34 4.67 -0.06	39.44 3.91 -0.01	37.42 3.40 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.53 3.36 -0.01	30.27 2.85 -0.01	29.35 2.55 -0.01	28.54 2.50 -0.01	28.39 2.46 -0.01	27.67 2.33 -0.01	28.09 2.39 -0.01	29.26 2.56 -0.01	30.23 2.87 -0.01	31.34 3.16 -0.01	39.38 3.98 -2.25	44.59 4.32 -6.00	46.91 4.68 -7.07	50.44 5.19 -7.08	53.14 5.35 -8.75	54.54 5.05 -11.49	58.26 5.97 -6.40	60.92 6.91 -0.06	61.30 6.81 -0.04	54.19 6.06 -0.01	47.86 5.17 -0.01	45.83 5.16 -0.06	39.86 4.33 -0.01	37.86 3.84 -0.01
PATROON___115KV_TB1 80586	32.09 0.93 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.07 0.73 0.00	26.39 0.69 0.00	27.30 0.61 0.00	28.23 0.88 0.00	29.19 1.01 0.00	34.34 1.19 0.00	35.41 1.30 0.17	36.40 1.48 0.24	39.34 1.56 0.39	42.37 1.60 -1.73	51.00 1.56 -11.45	52.78 1.84 -5.06	56.06 2.16 0.05	56.50 2.07 0.03	49.95 1.83 0.00	44.22 1.54 0.00	42.14 1.58 0.05	36.87 1.35 0.00	35.03 1.02 0.00
PATTRSNVILLE___SOLAR 323815	32.65 1.50 0.00	28.65 1.23 0.00	27.87 1.07 0.00	27.10 1.07 0.00	26.98 1.06 0.00	26.37 1.04 0.00	26.72 1.03 0.00	27.70 1.01 0.00	28.50 1.15 0.00	29.53 1.35 0.00	34.80 1.66 0.00	35.85 1.71 0.14	36.90 1.93 0.20	39.90 2.06 0.32	43.08 2.11 -1.93	52.44 2.09 -12.36	53.84 2.52 -5.42	57.04 3.13 0.04	57.65 3.21 0.02	50.96 2.84 0.00	45.16 2.47 0.00	42.92 2.35 0.04	37.51 1.99 0.00	35.65 1.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.72 -0.44 0.00	26.62 -0.79 0.00	25.78 -1.02 0.00	24.97 -1.07 0.00	24.80 -1.11 0.00	24.22 -1.11 0.00	24.44 -1.26 0.00	25.70 -0.99 0.00	26.64 -0.71 0.00	27.10 -1.07 0.00	31.52 -1.62 0.00	33.62 -0.65 0.00	34.28 -0.88 0.00	37.21 -0.95 0.00	37.01 -2.30 -0.28	37.15 -2.43 -1.59	43.68 -2.89 -0.68	52.28 -1.67 0.00	52.88 -1.58 0.00	47.01 -1.11 0.00	41.83 -0.85 0.00	39.67 -0.93 0.00	35.34 -0.18 0.00	33.60 -0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.87 2.71 0.00	29.63 2.22 0.00	28.76 1.96 0.00	27.96 1.93 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.60 1.90 0.00	28.77 2.08 0.00	29.90 2.54 0.00	31.05 2.87 0.00	36.83 3.68 0.00	38.42 3.98 -0.17	46.48 4.29 -7.02	49.99 4.81 -7.02	52.78 5.04 -8.70	54.28 4.86 -11.42	58.47 6.20 -6.39	61.28 7.28 -0.05	61.72 7.24 -0.03	54.14 6.02 0.00	47.51 4.82 0.00	45.28 4.63 -0.05	39.36 3.84 0.00	37.24 3.23 0.00
PEEKSKILL___ 23653	33.56 2.40 0.00	29.33 1.92 0.00	28.52 1.72 0.00	27.73 1.69 0.00	27.60 1.68 0.00	26.96 1.62 0.00	27.34 1.65 0.00	28.45 1.76 0.00	29.29 1.94 0.00	30.62 2.45 0.00	36.30 3.15 0.00	37.72 3.26 -0.19	45.84 3.62 -7.05	49.24 4.01 -7.06	51.89 4.14 -8.71	53.30 3.99 -11.32	57.17 4.96 -6.33	59.83 5.83 -0.05	60.31 5.83 -0.03	53.03 4.91 0.00	46.75 4.06 0.00	44.64 3.98 -0.05	38.86 3.34 0.00	36.90 2.89 0.00
PGE MADISON___WINDPWR 24146	34.12 2.96 0.00	29.79 2.38 0.00	28.81 2.01 0.00	27.91 1.88 0.00	27.81 1.89 0.00	27.26 1.92 0.00	27.65 1.95 0.00	28.74 2.06 0.00	29.19 1.83 0.00	30.31 2.14 0.00	35.74 2.26 -0.33	36.83 2.47 -0.09	38.14 2.88 -0.09	41.51 3.05 -0.29	42.76 2.93 -0.79	44.12 2.89 -3.24	51.23 3.67 -1.67	59.93 4.86 -1.12	60.98 5.28 -1.24	53.13 4.67 -0.34	47.22 4.14 -0.39	45.36 3.94 -0.82	39.22 3.44 -0.26	37.25 2.89 -0.35

PIERCEFIELD___HYD 23852	30.16 -1.00 0.00	26.64 -0.77 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.18 -0.51 0.00	26.05 -0.64 0.00	26.34 -1.01 0.00	27.16 -1.01 0.00	31.97 -1.33 -0.14	32.56 -1.75 -0.04	33.34 -1.86 -0.04	36.31 -1.98 -0.13	37.17 -1.99 -0.12	36.27 -1.86 -0.13	43.86 -2.20 -0.18	52.06 -2.37 -0.48	52.54 -2.45 -0.53	46.25 -2.02 -0.15	41.32 -1.54 -0.17	39.29 -1.66 -0.35	34.03 -1.60 -0.11	33.04 -1.12 -0.15
PINELAWN_CC_1 323563	43.64 3.27 -9.21	42.68 2.66 -12.61	42.28 2.44 -13.05	41.10 2.39 -12.67	37.97 2.38 -9.67	34.62 2.28 -7.01	30.79 2.34 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.61 3.18 -11.26	44.90 3.98 -7.78	70.26 4.15 -31.84	61.79 4.54 -22.09	82.10 5.00 -38.94	131.31 5.15 -87.12	164.40 5.02 -121.39	196.26 6.19 -144.18	217.22 7.28 -155.99	172.88 7.35 -111.08	82.85 6.30 -28.42	62.55 5.29 -14.57	71.61 5.16 -25.85	48.30 4.37 -8.41	44.70 3.84 -6.84
PJM_GEN_HTTP_PROXY 323702	33.93 2.77 0.00	29.63 2.22 0.00	28.78 1.98 0.00	27.99 1.95 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.62 1.93 0.00	28.74 2.06 0.00	29.60 2.24 0.00	30.99 2.82 0.00	38.83 3.58 -2.10	43.60 3.70 -5.62	46.33 4.11 -7.06	49.75 4.50 -7.08	52.39 4.60 -8.75	53.92 4.44 -11.48	57.70 5.41 -6.40	60.31 6.31 -0.06	60.80 6.31 -0.03	53.46 5.34 0.00	47.21 4.52 0.00	45.17 4.51 -0.06	39.32 3.80 0.00	37.35 3.34 0.00
PJM_GEN_KEystone 24065	31.87 0.72 0.00	27.79 0.38 0.00	26.99 0.19 0.00	26.22 0.18 0.00	26.07 0.16 0.00	25.49 0.15 0.00	25.77 0.08 0.00	26.93 0.24 0.00	27.52 0.17 0.00	28.77 0.59 0.00	34.00 0.70 -0.15	35.52 0.75 -0.49	36.94 1.16 -0.62	40.16 1.30 -0.70	41.84 1.01 -1.78	45.76 0.95 -6.82	50.14 1.28 -2.96	55.76 1.78 -0.03	56.16 1.69 -0.02	49.76 1.64 0.00	43.93 1.24 0.00	41.90 1.26 -0.03	36.84 1.32 0.00	35.00 0.99 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.94 2.83 -4.95	36.49 2.30 -6.77	35.90 2.09 -7.01	34.90 2.06 -6.81	33.16 2.05 -5.20	31.08 1.98 -3.77	29.21 2.03 -1.48	31.77 2.16 -2.93	35.65 2.32 -5.98	37.06 2.84 -6.05	40.91 3.58 -4.18	55.27 3.70 -17.29	54.41 4.11 -15.13	66.90 4.54 -24.19	94.53 4.64 -50.85	110.31 4.48 -67.84	131.81 5.50 -80.41	142.01 6.47 -81.59	120.62 6.48 -59.68	66.79 5.48 -13.18	55.13 4.61 -7.83	59.07 4.55 -13.91	43.87 3.84 -4.52	41.06 3.37 -3.67
PJM_GEN_VFT_PROXY 323633	33.87 2.71 0.00	29.55 2.14 0.00	28.70 1.90 0.00	27.91 1.88 0.00	27.78 1.87 0.00	27.11 1.77 0.00	27.55 1.85 0.00	28.69 2.00 0.00	29.54 2.19 0.00	30.96 2.79 0.00	38.84 3.51 -2.17	43.69 3.60 -5.82	46.20 3.97 -7.06	49.60 4.35 -7.08	52.20 4.41 -8.75	53.74 4.25 -11.48	57.42 5.14 -6.40	59.99 5.99 -0.06	60.47 5.99 -0.03	53.17 5.05 0.00	47.00 4.31 0.00	45.05 4.39 -0.06	39.21 3.69 0.00	37.28 3.27 0.00
PLATSBURG_115KV_PMLD1 355749	30.91 -0.25 0.00	27.30 -0.11 0.00	26.88 0.08 0.00	26.09 0.05 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.72 0.03 0.00	26.63 -0.05 0.00	26.91 -0.44 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.25 -1.03 0.00	33.97 -1.20 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.42 -1.47 0.00	52.33 -1.62 0.00	52.77 -1.69 0.00	46.87 -1.25 0.00	41.96 -0.73 0.00	39.63 -0.97 0.00	34.63 -0.89 0.00	33.60 -0.41 0.00
PLEASANTVLY___LBMP 24000	33.15 1.99 0.00	29.06 1.64 0.00	28.25 1.45 0.00	27.49 1.46 0.00	27.39 1.48 0.00	26.75 1.42 0.00	27.11 1.41 0.00	28.15 1.47 0.00	29.16 1.81 0.00	30.23 2.06 0.00	35.77 2.62 0.00	37.34 2.84 -0.22	38.53 3.06 -0.31	42.03 3.36 -0.50	44.97 3.47 -2.45	53.59 3.34 -12.25	55.11 4.13 -5.09	58.81 4.80 -0.06	59.23 4.74 -0.03	52.16 4.04 0.00	46.06 3.37 0.00	44.00 3.33 -0.06	38.33 2.81 0.00	36.39 2.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.62 2.46 0.00	29.44 2.03 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.68 1.76 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.53 1.84 0.00	29.57 2.22 0.00	30.71 2.54 0.00	36.36 3.22 0.00	37.96 3.50 -0.19	45.95 3.73 -7.06	49.37 4.12 -7.08	52.03 4.22 -8.77	53.70 4.10 -11.60	57.43 5.09 -6.44	59.94 5.93 -0.06	60.37 5.88 -0.03	53.13 5.00 0.00	46.83 4.14 0.00	44.72 4.06 -0.06	38.93 3.41 0.00	36.97 2.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.62 2.46 0.00	29.44 2.03 0.00	28.60 1.80 0.00	27.81 1.77 0.00	27.68 1.76 0.00	27.03 1.70 0.00	27.42 1.72 0.00	28.53 1.84 0.00	29.57 2.22 0.00	30.71 2.54 0.00	36.36 3.22 0.00	37.96 3.50 -0.19	45.95 3.73 -7.06	49.37 4.12 -7.08	52.03 4.22 -8.77	53.70 4.10 -11.60	57.43 5.09 -6.44	59.94 5.93 -0.06	60.37 5.88 -0.03	53.13 5.00 0.00	46.83 4.14 0.00	44.72 4.06 -0.06	38.93 3.41 0.00	36.97 2.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.70 1.67 0.00	27.60 1.68 0.00	26.90 1.57 0.00	27.31 1.62 0.00	28.31 1.63 0.00	29.35 2.00 0.00	30.45 2.28 0.00	36.10 2.95 0.00	37.46 3.19 0.00	38.57 3.41 0.00	41.94 3.78 0.00	44.76 3.94 -1.77	52.02 3.80 -10.23	55.01 4.73 -4.40	59.50 5.56 0.00	59.95 5.50 0.00	52.79 4.67 0.00	46.57 3.88 0.00	44.38 3.78 0.00	38.68 3.16 0.00	36.67 2.65 0.00
POLETTI____ 23519	33.93 2.77 0.00	29.69 2.28 0.00	28.78 1.98 0.00	27.99 1.95 0.00	27.89 1.97 0.00	27.18 1.85 0.00	27.62 1.93 0.00	28.77 2.08 0.00	29.81 2.46 0.00	30.99 2.82 0.00	38.94 3.61 -2.17	43.96 3.87 -5.82	46.34 4.11 -7.06	49.75 4.50 -7.08	52.40 4.61 -8.75	53.93 4.45 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.13 4.44 0.00	45.17 4.51 -0.06	39.36 3.84 0.00	37.38 3.37 0.00
POMONA___ESR 323819	33.56 2.40 0.00	29.30 1.89 0.00	28.49 1.69 0.00	27.73 1.69 0.00	27.58 1.66 0.00	26.93 1.60 0.00	27.32 1.62 0.00	28.40 1.71 0.00	29.27 1.91 0.00	30.60 2.42 0.00	36.26 3.12 0.00	37.67 3.22 -0.17	39.03 3.62 -0.25	42.58 4.01 -0.40	45.33 4.14 -2.15	52.88 3.99 -10.89	55.39 4.96 -4.54	59.77 5.78 -0.05	60.20 5.72 -0.03	52.93 4.81 0.00	46.70 4.01 0.00	44.59 3.94 -0.05	38.82 3.30 0.00	36.87 2.86 0.00
PORT_JEFF_3 23555	43.64 3.27 -9.21	42.68 2.66 -12.61	42.26 2.41 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.64 3.21 -11.26	44.93 4.01 -7.78	70.13 4.01 -31.85	61.61 4.36 -22.09	81.88 4.77 -38.95	131.05 4.88 -87.13	163.45 4.56 -120.89	195.68 5.60 -144.19	275.98 6.58 -215.46	172.19 6.64 -111.09	137.73 5.72 -83.88	62.18 4.91 -14.58	71.30 4.83 -25.86	48.12 4.19 -8.41	44.70 3.84 -6.84
PORT_JEFF_4 23616	43.64 3.27 -9.21	42.68 2.66 -12.61	42.26 2.41 -13.05	41.08 2.37 -12.67	37.95 2.36 -9.67	34.60 2.25 -7.01	30.76 2.31 -2.75	34.59 2.45 -5.45	41.10 2.63 -11.12	42.64 3.21 -11.26	44.93 4.01 -7.78	70.13 4.01 -31.85	61.61 4.36 -22.09	81.88 4.77 -38.95	131.05 4.88 -87.13	163.45 4.56 -120.89	195.68 5.60 -144.19	275.98 6.58 -215.46	172.19 6.64 -111.09	137.73 5.72 -83.88	62.18 4.91 -14.58	71.30 4.83 -25.86	48.12 4.19 -8.41	44.70 3.84 -6.84

PORT_JEFF_IC 23713	43.73 3.36 -9.21	42.79 2.77 -12.61	42.31 2.47 -13.05	41.13 2.42 -12.67	38.00 2.41 -9.67	34.65 2.31 -7.01	30.81 2.36 -2.75	34.64 2.51 -5.45	41.37 2.90 -11.12	42.70 3.27 -11.26	45.07 4.14 -7.77	70.38 4.25 -31.85	61.65 4.40 -22.09	81.96 4.85 -38.95	131.17 5.00 -87.13	163.58 4.67 -120.91	195.87 5.78 -144.19	285.93 6.80 -225.19	172.30 6.75 -111.09	146.91 5.82 -92.96	62.23 4.95 -14.59	71.34 4.87 -25.86	48.26 4.33 -8.41	44.76 3.91 -6.84
PPL PILGRIM_ST_GT1 24216	43.79 3.43 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.10 2.51 -9.67	34.75 2.41 -7.01	30.94 2.49 -2.75	34.75 2.62 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.03 4.11 -7.78	70.33 4.21 -31.84	61.90 4.64 -22.09	81.99 4.89 -38.94	131.20 5.04 -87.12	163.87 4.86 -121.01	196.04 5.96 -144.18	225.88 7.01 -164.92	172.61 7.08 -111.08	90.89 6.01 -36.75	62.34 5.08 -14.57	71.41 4.95 -25.85	48.44 4.48 -8.44	44.83 3.98 -6.84
PPL PILGRIM_ST_GT2 24217	43.79 3.43 -9.21	42.84 2.82 -12.61	42.42 2.57 -13.05	41.23 2.52 -12.67	38.10 2.51 -9.67	34.75 2.41 -7.01	30.94 2.49 -2.75	34.75 2.62 -5.45	41.27 2.79 -11.12	42.78 3.35 -11.26	45.03 4.11 -7.78	70.33 4.21 -31.84	61.90 4.64 -22.09	81.99 4.89 -38.94	131.20 5.04 -87.12	163.87 4.86 -121.01	196.04 5.96 -144.18	225.88 7.01 -164.92	172.61 7.08 -111.08	90.89 6.01 -36.75	62.34 5.08 -14.57	71.41 4.95 -25.85	48.44 4.48 -8.44	44.83 3.98 -6.84
PPL_SHRM_GT3 24213	43.64 3.27 -9.21	42.65 2.63 -12.61	42.21 2.36 -13.05	41.02 2.32 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.66 2.21 -2.75	34.48 2.35 -5.45	41.02 2.54 -11.12	42.58 3.15 -11.26	44.97 4.04 -7.78	70.44 4.32 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.06 5.17 -120.90	196.46 6.38 -144.19	278.31 7.55 -216.81	173.17 7.62 -111.09	139.76 6.49 -85.15	62.74 5.47 -14.58	71.74 5.28 -25.86	48.26 4.33 -8.41	44.70 3.84 -6.84
PPL_SHRM_GT4 24214	43.64 3.27 -9.21	42.65 2.63 -12.61	42.21 2.36 -13.05	41.02 2.32 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.66 2.21 -2.75	34.48 2.35 -5.45	41.02 2.54 -11.12	42.58 3.15 -11.26	44.97 4.04 -7.78	70.44 4.32 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.06 5.17 -120.90	196.46 6.38 -144.19	278.31 7.55 -216.81	173.17 7.62 -111.09	139.76 6.49 -85.15	62.74 5.47 -14.58	71.74 5.28 -25.86	48.26 4.33 -8.41	44.70 3.84 -6.84
PROJECT___ORANGE 1 24174	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.63 -0.29 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.30 -0.05 0.00	28.00 -0.17 0.00	33.35 -0.27 -0.47	34.43 0.03 -0.12	35.36 0.07 -0.12	38.61 0.04 -0.41	39.50 -0.08 -0.54	39.10 -0.11 -1.22	46.66 -0.14 -0.91	55.36 -0.16 -1.57	56.09 -0.11 -1.74	48.45 -0.14 -0.47	43.15 -0.09 -0.54	41.67 -0.08 -1.15	35.95 0.07 -0.36	34.33 -0.17 -0.49
PROJECT___ORANGE 2 24166	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.63 -0.29 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.30 -0.05 0.00	28.00 -0.17 0.00	33.35 -0.27 -0.47	34.43 0.03 -0.12	35.36 0.07 -0.12	38.61 0.04 -0.41	39.50 -0.08 -0.54	39.10 -0.11 -1.22	46.66 -0.14 -0.91	55.36 -0.16 -1.57	56.09 -0.11 -1.74	48.45 -0.14 -0.47	43.15 -0.09 -0.54	41.67 -0.08 -1.15	35.95 0.07 -0.36	34.33 -0.17 -0.49
PUCKETT___SOLAR 323809	32.15 1.00 0.00	28.12 0.71 0.00	27.31 0.51 0.00	26.51 0.47 0.00	26.36 0.44 0.00	25.81 0.48 0.00	26.16 0.46 0.00	27.25 0.56 0.00	27.76 0.41 0.00	28.79 0.62 0.00	34.05 0.60 -0.31	35.08 0.72 -0.08	36.30 1.05 -0.08	39.54 1.11 -0.27	40.74 0.90 -0.80	42.25 0.87 -3.38	48.78 1.19 -1.70	56.76 1.78 -1.03	57.50 1.90 -1.14	50.26 1.83 -0.31	44.62 1.58 -0.36	42.86 1.50 -0.75	37.18 1.42 -0.24	35.42 1.09 -0.32
PYRITES___HYD 24023	30.56 -0.59 0.00	27.03 -0.38 0.00	26.61 -0.19 0.00	25.78 -0.26 0.00	25.63 -0.29 0.00	25.05 -0.28 0.00	25.54 -0.15 0.00	26.39 -0.29 0.00	26.64 -0.71 0.00	27.47 -0.70 0.00	32.29 -0.99 -0.13	32.90 -1.41 -0.03	33.69 -1.51 -0.03	36.68 -1.60 -0.12	37.59 -1.56 -0.11	36.68 -1.44 -0.12	44.40 -1.65 -0.16	52.61 -1.78 -0.44	53.26 -1.69 -0.49	46.86 -1.40 -0.13	41.94 -0.90 -0.15	39.83 -1.10 -0.32	34.49 -1.14 -0.10	33.47 -0.68 -0.14
QUAKERRD_115KV_BK1 80622	30.07 -1.09 0.00	26.26 -1.15 0.00	25.51 -1.29 0.00	24.73 -1.30 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.36 -1.34 0.00	25.62 -1.07 0.00	26.45 -0.90 0.00	27.02 -1.16 0.00	31.56 -1.59 0.00	33.28 -0.99 0.00	34.04 -1.13 0.00	36.87 -1.30 0.00	37.98 -1.25 -0.19	37.82 -1.25 -1.08	44.70 -1.65 -0.46	51.79 -2.16 0.00	52.49 -1.96 0.00	46.29 -1.83 0.00	41.32 -1.37 0.00	39.19 -1.42 0.00	34.60 -0.92 0.00	32.82 -1.19 0.00
QUENSBRY_115KV_TB8 356137	33.24 2.09 0.00	29.22 1.81 0.00	28.27 1.47 0.00	27.47 1.43 0.00	27.37 1.45 0.00	26.73 1.39 0.00	27.11 1.41 0.00	28.10 1.41 0.00	29.27 1.91 0.00	30.26 2.08 0.00	35.44 2.29 0.00	36.59 2.50 0.18	37.47 2.57 0.26	40.38 2.63 0.42	43.45 2.65 -1.76	52.38 2.70 -11.69	54.46 3.40 -5.17	58.10 4.21 0.05	58.95 4.52 0.03	52.21 4.09 0.00	46.10 3.42 0.00	43.84 3.29 0.05	38.22 2.70 0.00	36.16 2.14 0.00
RAMAPO___LBMP 323565	33.37 2.21 0.00	29.22 1.81 0.00	28.36 1.55 0.00	27.60 1.56 0.00	27.47 1.56 0.00	26.80 1.47 0.00	27.19 1.49 0.00	28.29 1.60 0.00	29.29 1.94 0.00	30.43 2.25 0.00	36.07 2.92 0.00	37.57 3.12 -0.17	38.79 3.38 -0.25	42.27 3.70 -0.40	45.01 3.83 -2.14	52.56 3.72 -10.84	55.00 4.59 -4.52	59.34 5.34 -0.05	59.76 5.28 -0.03	52.60 4.48 0.00	46.40 3.71 0.00	44.31 3.65 -0.05	38.61 3.09 0.00	36.67 2.65 0.00
RANKINE____ 23646	30.47 -0.69 0.00	26.42 -0.99 0.00	25.59 -1.21 0.00	24.79 -1.25 0.00	24.62 -1.30 0.00	24.07 -1.27 0.00	24.26 -1.44 0.00	25.57 -1.12 0.00	26.50 -0.85 0.00	26.88 -1.30 0.00	31.26 -1.89 0.00	33.35 -0.93 0.00	34.00 -1.16 0.00	36.87 -1.30 0.00	37.40 -1.91 -0.27	37.49 -2.05 -1.55	44.03 -2.52 -0.67	51.68 -2.27 0.00	52.33 -2.12 0.00	46.53 -1.59 0.00	41.49 -1.20 0.00	39.35 -1.26 0.00	35.09 -0.43 0.00	33.37 -0.65 0.00
RAVENSWOOD_GT2_1 24244	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	31.02 2.85 0.00	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT2_2 24245	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	31.02 2.85 0.00	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00

RAVENSWOOD_GT2_3 24246	33.99 2.84 0.00	29.71 2.30 0.00	28.84 2.04 0.00	28.04 2.00 0.00	27.91 2.00 0.00	27.23 1.90 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.84 2.49 0.00	31.05 2.87 0.00	39.00 3.61 -2.24	44.17 3.91 -5.99	46.41 4.18 -7.06	49.83 4.58 -7.08	52.43 4.65 -8.75	53.96 4.48 -11.48	57.70 5.41 -6.40	60.32 6.31 -0.06	60.69 6.21 -0.03	53.46 5.34 0.00	47.21 4.52 0.00	45.25 4.59 -0.06	39.43 3.91 0.00	37.41 3.40 0.00
RAVENSWOOD_GT2_4 24247	33.99 2.84 0.00	29.71 2.30 0.00	28.84 2.04 0.00	28.04 2.00 0.00	27.91 2.00 0.00	27.23 1.90 0.00	27.65 1.95 0.00	28.79 2.11 0.00	29.84 2.49 0.00	31.05 2.87 0.00	39.00 3.61 -2.24	44.17 3.91 -5.99	46.41 4.18 -7.06	49.83 4.58 -7.08	52.43 4.65 -8.75	53.96 4.48 -11.48	57.70 5.41 -6.40	60.32 6.31 -0.06	60.69 6.21 -0.03	53.46 5.34 0.00	47.21 4.52 0.00	45.25 4.59 -0.06	39.43 3.91 0.00	37.41 3.40 0.00
RAVENSWOOD_GT3_1 24248	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	31.02 2.85 0.00	39.00 3.61 -2.24	44.17 3.91 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT3_2 24249	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	31.02 2.85 0.00	39.00 3.61 -2.24	44.17 3.91 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.65 5.37 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT3_3 24250	34.02 2.87 0.00	29.77 2.36 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.67 1.98 0.00	28.82 2.13 0.00	29.90 2.54 0.00	31.07 2.90 0.00	39.07 3.68 -2.24	44.24 3.98 -5.99	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.79 5.51 -6.40	60.37 6.37 -0.06	60.75 6.26 -0.03	53.56 5.44 0.00	47.26 4.57 0.00	45.33 4.67 -0.06	39.46 3.94 0.00	37.48 3.47 0.00
RAVENSWOOD_GT3_4 24251	34.02 2.87 0.00	29.77 2.36 0.00	28.86 2.06 0.00	28.07 2.03 0.00	27.94 2.02 0.00	27.26 1.93 0.00	27.67 1.98 0.00	28.82 2.13 0.00	29.90 2.54 0.00	31.07 2.90 0.00	39.07 3.68 -2.24	44.24 3.98 -5.99	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.79 5.51 -6.40	60.37 6.37 -0.06	60.75 6.26 -0.03	53.56 5.44 0.00	47.26 4.57 0.00	45.33 4.67 -0.06	39.46 3.94 0.00	37.48 3.47 0.00
RAVENSWOOD_GT_1 23729	34.14 2.96 -0.02	29.86 2.44 -0.01	28.95 2.14 -0.01	28.15 2.11 -0.01	28.03 2.10 -0.01	27.34 2.00 -0.01	27.79 2.08 -0.01	28.91 2.21 -0.01	29.99 2.63 -0.01	36.22 2.99 -5.07	40.98 3.78 -4.05	50.11 4.04 -11.79	51.51 4.29 -12.05	54.39 4.69 -11.53	56.06 4.84 -12.18	57.88 4.60 -15.29	60.95 5.46 -9.60	60.27 6.26 -0.06	60.65 6.15 -0.04	53.62 5.49 -0.01	47.35 4.65 -0.01	45.44 4.75 -0.08	39.59 4.05 -0.02	39.84 3.57 -2.25
RAVENSWOOD_GT_10 24258	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	30.93 2.85 0.09	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.70 5.41 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.05	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT_11 24259	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	30.93 2.85 0.09	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.70 5.41 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.05	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT_4 24252	33.93 2.77 -0.01	29.68 2.28 0.01	28.81 2.01 0.01	27.98 1.95 0.01	27.88 1.97 0.01	27.20 1.87 0.01	27.62 1.93 0.01	28.76 2.08 0.01	29.81 2.46 0.01	33.50 2.85 -2.48	40.34 3.58 -3.61	48.54 3.87 -10.40	50.13 4.11 -10.85	53.14 4.50 -10.47	55.01 4.61 -11.36	56.82 4.45 -14.38	60.14 5.41 -8.84	60.32 6.31 -0.06	60.70 6.21 -0.04	53.42 5.29 -0.01	47.13 4.44 -0.01	45.18 4.51 -0.06	39.36 3.84 -0.01	39.08 3.37 -1.70
RAVENSWOOD_GT_5 24254	33.93 2.77 -0.01	29.68 2.28 0.01	28.81 2.01 0.01	27.98 1.95 0.01	27.88 1.97 0.01	27.20 1.87 0.01	27.62 1.93 0.01	28.76 2.08 0.01	29.81 2.46 0.01	33.50 2.85 -2.48	40.34 3.58 -3.61	48.54 3.87 -10.40	50.13 4.11 -10.85	53.14 4.50 -10.47	55.01 4.61 -11.36	56.82 4.45 -14.38	60.14 5.41 -8.84	60.32 6.31 -0.06	60.70 6.21 -0.04	53.42 5.29 -0.01	47.13 4.44 -0.01	45.18 4.51 -0.06	39.36 3.84 -0.01	39.08 3.37 -1.70
RAVENSWOOD_GT_6 24253	33.93 2.77 -0.01	29.68 2.28 0.01	28.81 2.01 0.01	27.98 1.95 0.01	27.88 1.97 0.01	27.20 1.87 0.01	27.62 1.93 0.01	28.76 2.08 0.01	29.81 2.46 0.01	33.50 2.85 -2.48	40.34 3.58 -3.61	48.54 3.87 -10.40	50.13 4.11 -10.85	53.14 4.50 -10.47	55.01 4.61 -11.36	56.82 4.45 -14.38	60.14 5.41 -8.84	60.32 6.31 -0.06	60.70 6.21 -0.04	53.42 5.29 -0.01	47.13 4.44 -0.01	45.18 4.51 -0.06	39.36 3.84 -0.01	39.08 3.37 -1.70
RAVENSWOOD_GT_7 24255	33.93 2.77 -0.01	29.68 2.28 0.01	28.81 2.01 0.01	27.98 1.95 0.01	27.88 1.97 0.01	27.20 1.87 0.01	27.62 1.93 0.01	28.76 2.08 0.01	29.81 2.46 0.01	33.50 2.85 -2.48	40.34 3.58 -3.61	48.54 3.87 -10.40	50.13 4.11 -10.85	53.14 4.50 -10.47	55.01 4.61 -11.36	56.82 4.45 -14.38	60.14 5.41 -8.84	60.32 6.31 -0.06	60.70 6.21 -0.04	53.42 5.29 -0.01	47.13 4.44 -0.01	45.18 4.51 -0.06	39.36 3.84 -0.01	39.08 3.37 -1.70
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	30.93 2.85 0.09	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.70 5.41 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.05	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD_GT_9 24257	33.96 2.80 0.00	29.71 2.30 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.84 2.49 0.00	30.93 2.85 0.09	39.00 3.61 -2.24	44.14 3.87 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.65 -8.75	53.93 4.45 -11.48	57.70 5.41 -6.40	60.26 6.26 -0.06	60.64 6.15 -0.03	53.41 5.29 0.00	47.17 4.48 0.00	45.21 4.55 -0.05	39.39 3.87 0.00	37.41 3.40 0.00

RAVENSWOOD___1 23533	34.13 2.96 -0.01	29.78 2.36 -0.01	28.93 2.12 -0.01	28.13 2.08 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.76 2.06 -0.01	28.88 2.19 -0.01	29.74 2.38 -0.01	32.06 2.98 -0.90	39.14 3.74 -2.25	44.14 3.87 -6.00	46.55 4.32 -7.07	49.94 4.69 -7.08	52.59 4.80 -8.75	54.08 4.60 -11.48	57.74 5.46 -6.40	60.21 6.20 -0.06	60.69 6.21 -0.03	53.61 5.48 0.00	47.38 4.70 0.00	45.42 4.75 -0.06	39.58 4.05 -0.01	37.56 3.54 -0.01
RAVENSWOOD___2 23534	34.03 2.86 -0.01	29.72 2.30 -0.01	28.87 2.06 -0.01	28.08 2.03 -0.01	27.95 2.02 -0.01	27.27 1.92 -0.01	27.68 1.98 -0.01	28.83 2.14 -0.01	29.68 2.32 -0.01	31.97 2.90 -0.90	39.08 3.68 -2.25	44.08 3.80 -6.00	46.48 4.25 -7.07	49.86 4.62 -7.08	52.51 4.72 -8.75	54.00 4.52 -11.48	57.47 5.18 -6.40	59.83 5.83 -0.06	60.31 5.83 -0.03	53.46 5.34 0.00	47.26 4.57 0.00	45.30 4.63 -0.06	39.47 3.94 -0.01	37.49 3.47 -0.01
RAVENSWOOD___3 23535	33.96 2.81 0.00	29.66 2.25 0.00	28.81 2.01 0.00	28.01 1.98 0.00	27.89 1.97 0.00	27.21 1.87 0.00	27.65 1.95 0.00	28.77 2.08 0.00	29.62 2.27 0.00	31.02 2.84 0.00	39.00 3.61 -2.24	44.00 3.74 -5.99	46.37 4.15 -7.06	49.79 4.54 -7.08	52.43 4.64 -8.75	53.92 4.44 -11.48	57.70 5.41 -6.40	60.26 6.26 -0.06	60.74 6.26 -0.03	53.46 5.34 0.00	47.21 4.52 0.00	45.21 4.55 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
RAVENSWOOD___4 23820	34.08 2.93 0.01	29.75 2.33 -0.01	28.90 2.09 -0.01	28.10 2.06 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.73 2.03 -0.01	28.85 2.16 -0.01	29.71 2.35 -0.01	27.92 2.96 3.21	37.33 3.71 -0.47	38.44 3.87 -0.29	41.61 4.29 -2.16	45.56 4.69 -2.70	49.17 4.76 -5.37	50.29 4.56 -7.74	54.54 5.41 -3.24	60.20 6.20 -0.05	60.63 6.15 -0.02	53.55 5.44 0.01	47.33 4.65 0.01	45.36 4.71 -0.05	39.53 4.01 0.01	35.31 3.50 2.20
RCPL_TRUST___DRP 24196	33.96 2.80 0.00	29.74 2.33 0.00	28.84 2.04 0.00	28.04 2.00 0.00	27.91 2.00 0.00	27.23 1.90 0.00	27.67 1.98 0.00	28.82 2.13 0.00	29.87 2.52 0.00	31.05 2.87 0.00	38.89 3.65 -2.10	43.84 3.94 -5.62	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.84 5.55 -6.40	60.48 6.47 -0.06	60.86 6.37 -0.03	53.61 5.49 0.00	47.26 4.57 0.00	45.25 4.59 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
RED___ROCHESTER 323720	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	26.50 -0.85 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	33.55 -0.72 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.85 -0.39 -0.19	38.70 -0.42 -1.12	45.77 -0.48 -0.48	52.98 -0.97 0.00	53.48 -0.98 0.00	47.64 -0.48 0.00	42.22 -0.47 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
REGAN___SOLAR 323812	35.77 4.61 0.00	31.25 3.84 0.00	30.18 3.38 0.00	29.26 3.23 0.00	29.08 3.16 0.00	28.45 3.12 0.00	28.91 3.21 0.00	30.10 3.42 0.00	31.18 3.83 0.00	32.29 4.11 0.00	38.02 4.87 0.00	39.10 4.94 0.11	40.52 5.52 0.16	43.67 5.76 0.26	47.18 5.90 -2.25	57.81 5.89 -13.92	59.03 7.06 -6.07	63.14 9.22 0.03	63.86 9.42 0.02	56.54 8.42 0.00	49.90 7.22 0.00	47.44 6.86 0.03	41.31 5.79 0.00	38.88 4.86 0.00
RENSSELAER___COGEN 23796	31.87 0.72 0.00	28.07 0.66 0.00	27.36 0.56 0.00	26.69 0.65 0.00	26.56 0.65 0.00	25.94 0.61 0.00	26.24 0.54 0.00	27.14 0.45 0.00	27.93 0.58 0.00	28.96 0.79 0.00	34.07 0.93 0.17	35.03 0.93 0.24	36.05 1.12 0.38	39.00 1.22 0.38	42.05 1.29 -1.72	50.56 1.22 -11.35	52.33 1.42 -5.01	55.57 1.67 0.05	56.12 1.69 0.03	49.56 1.44 0.00	43.93 1.24 0.00	41.86 1.30 0.05	36.59 1.06 0.00	34.80 0.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.33 4.17 0.00	31.00 3.59 0.00	29.86 3.06 0.00	28.95 2.92 0.00	28.82 2.90 0.00	28.17 2.84 0.00	28.63 2.93 0.00	29.68 2.99 0.00	31.18 3.83 0.00	32.29 4.11 0.00	37.89 4.74 0.18	39.27 5.18 0.26	40.25 5.34 0.42	43.20 5.46 0.42	46.29 5.50 -1.75	55.21 5.55 -11.66	57.57 6.52 -5.16	61.99 8.09 0.05	62.87 8.44 0.03	55.72 7.60 0.00	49.18 6.49 0.00	46.73 6.17 0.05	40.71 5.19 0.00	38.33 4.32 0.00
REVERE_CPPR_DRP 24186	32.53 1.37 0.00	28.51 1.10 0.00	27.74 0.94 0.00	26.90 0.86 0.00	26.80 0.88 0.00	26.22 0.89 0.00	26.57 0.87 0.00	27.59 0.91 0.00	28.34 0.98 0.00	29.13 0.96 0.00	34.41 1.03 -0.24	35.57 1.23 -0.06	36.60 1.37 -0.06	39.79 1.41 -0.21	40.73 1.41 -0.28	40.07 1.41 -0.67	48.16 1.79 -0.48	57.33 2.59 -0.79	58.16 2.83 -0.88	50.81 2.45 -0.24	45.14 2.18 -0.27	43.21 2.03 -0.58	37.41 1.70 -0.18	35.72 1.46 -0.24
REYNOLDS_115KV_TB3 80639	32.12 0.97 0.00	28.29 0.88 0.00	27.55 0.75 0.00	26.84 0.81 0.00	26.75 0.83 0.00	26.12 0.79 0.00	26.42 0.72 0.00	27.30 0.61 0.00	28.23 0.88 0.00	29.16 0.99 0.00	34.34 1.19 0.20	35.38 1.30 0.28	36.32 1.44 0.46	39.27 1.56 0.46	42.27 1.60 -1.63	50.65 1.56 -11.10	52.66 1.84 -4.93	56.05 2.16 0.06	56.55 2.12 0.03	50.00 1.88 0.00	44.31 1.62 0.00	42.13 1.58 0.06	36.87 1.35 0.00	35.03 1.02 0.00
RIVERBAY____ 323610	34.53 3.36 -0.01	30.27 2.85 -0.01	29.35 2.55 -0.01	28.54 2.50 -0.01	28.39 2.46 -0.01	27.67 2.33 -0.01	28.09 2.39 -0.01	29.26 2.56 -0.01	30.23 2.87 -0.01	31.34 3.16 -0.01	39.38 3.98 -2.25	44.59 4.32 -6.00	46.91 4.68 -7.07	50.44 5.19 -7.08	53.14 5.35 -8.75	54.54 5.05 -11.49	58.26 5.97 -6.40	60.92 6.91 -0.06	61.30 6.81 -0.04	54.19 6.06 -0.01	47.86 5.17 -0.01	45.83 5.16 -0.06	39.86 4.33 -0.01	37.86 3.84 -0.01
RIVERSDE_115KV_TB3 55908	32.03 0.87 0.00	28.23 0.82 0.00	27.50 0.70 0.00	26.79 0.76 0.00	26.69 0.78 0.00	26.07 0.73 0.00	26.36 0.67 0.00	27.25 0.56 0.00	28.17 0.82 0.00	29.13 0.96 0.00	34.28 1.13 0.18	35.32 1.23 0.26	36.27 1.37 0.42	39.23 1.49 0.42	42.24 1.52 -1.68	50.74 1.48 -11.26	52.62 1.74 -4.99	55.95 2.05 0.05	56.44 2.01 0.03	49.90 1.78 0.00	44.18 1.49 0.00	42.06 1.50 0.05	36.80 1.28 0.00	34.97 0.95 0.00
ROARING___BROOK_WT_PWR 323790	30.69 -0.47 0.00	27.00 -0.41 0.00	26.43 -0.38 0.00	25.65 -0.39 0.00	25.50 -0.42 0.00	24.93 -0.41 0.00	25.28 -0.41 0.00	26.21 -0.48 0.00	26.89 -0.47 0.00	27.64 -0.54 0.00	32.49 -0.66 0.00	33.55 -0.72 0.00	34.36 -0.81 0.00	37.29 -0.88 0.00	38.15 -0.90 0.00	37.16 -0.84 0.00	44.88 -1.01 0.00	52.76 -1.19 0.00	53.31 -1.15 0.00	47.16 -0.96 0.00	41.96 -0.73 0.00	39.92 -0.69 0.00	34.95 -0.57 0.00	33.57 -0.44 0.00
ROCHESRG_115KV_T4 355643	30.44 -0.72 0.00	26.56 -0.85 0.00	25.78 -1.02 0.00	25.02 -1.02 0.00	24.88 -1.04 0.00	24.32 -1.01 0.00	24.59 -1.10 0.00	25.89 -0.80 0.00	26.75 -0.60 0.00	27.24 -0.93 0.00	31.82 -1.33 0.00	33.62 -0.65 0.00	34.35 -0.81 0.00	37.25 -0.92 0.00	38.41 -0.82 -0.19	38.23 -0.87 -1.11	45.17 -0.48 -0.48	52.28 -1.67 0.00	53.04 -1.42 0.00	46.87 -1.25 0.00	41.83 -0.85 0.00	39.67 -0.93 0.00	35.06 -0.46 0.00	33.30 -0.71 0.00

ROCHESTER_9_IC 23652	30.63 -0.53 0.00	26.73 -0.69 0.00	25.94 -0.86 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.45 -0.89 0.00	24.72 -0.98 0.00	26.02 -0.67 0.00	26.91 -0.44 0.00	27.44 -0.73 0.00	32.02 -1.13 0.00	33.86 -0.41 0.00	34.60 -0.56 0.00	37.52 -0.65 0.00	38.65 -0.59 -0.19	38.51 -0.61 -1.12	45.50 -0.87 -0.48	52.65 -1.29 0.00	53.42 -1.03 0.00	47.16 -0.96 0.00	42.13 -0.55 0.00	39.96 -0.65 0.00	35.31 -0.21 0.00	33.47 -0.54 0.00
ROCKVIEW_13_KV_LD 356306	33.87 2.71 0.00	29.63 2.22 0.00	28.76 1.96 0.00	27.96 1.93 0.00	27.86 1.94 0.00	27.18 1.85 0.00	27.60 1.90 0.00	28.71 2.03 0.00	29.79 2.43 0.00	30.96 2.79 0.00	36.70 3.55 0.00	38.27 3.80 -0.19	46.30 4.08 -7.06	49.70 4.47 -7.07	52.40 4.61 -8.75	53.93 4.45 -11.49	57.84 5.55 -6.40	60.48 6.47 -0.06	60.86 6.37 -0.03	53.56 5.44 0.00	47.17 4.48 0.00	45.09 4.43 -0.06	39.25 3.73 0.00	37.28 3.27 0.00
ROME____115KV_TB2 80656	32.53 1.37 0.00	28.51 1.10 0.00	27.74 0.94 0.00	26.90 0.86 0.00	26.80 0.88 0.00	26.22 0.89 0.00	26.57 0.87 0.00	27.59 0.91 0.00	28.34 0.98 0.00	29.13 0.96 0.00	34.41 1.03 -0.24	35.57 1.23 -0.06	36.60 1.37 -0.06	39.79 1.41 -0.21	40.73 1.41 -0.28	40.07 1.41 -0.67	48.16 1.79 -0.48	57.33 2.59 -0.79	58.16 2.83 -0.88	50.81 2.45 -0.24	45.14 2.18 -0.27	43.21 2.03 -0.58	37.41 1.70 -0.18	35.72 1.46 -0.24
ROSETON____1 23587	33.15 2.00 0.00	29.00 1.59 0.00	28.22 1.42 0.00	27.47 1.43 0.00	27.37 1.45 0.00	26.70 1.37 0.00	27.08 1.39 0.00	28.13 1.44 0.00	28.94 1.59 0.00	30.20 2.03 0.00	35.77 2.62 0.00	37.12 2.68 -0.17	38.44 3.02 -0.25	41.89 3.32 -0.40	44.71 3.44 -2.23	52.65 3.30 -11.35	54.71 4.08 -4.74	58.80 4.80 -0.05	59.27 4.79 -0.03	52.16 4.04 0.00	46.06 3.37 0.00	43.99 3.33 -0.05	38.33 2.81 0.00	36.39 2.38 0.00
ROSETON____2 23588	33.15 2.00 0.00	29.00 1.59 0.00	28.22 1.42 0.00	27.47 1.43 0.00	27.37 1.45 0.00	26.70 1.37 0.00	27.08 1.39 0.00	28.13 1.44 0.00	28.94 1.59 0.00	30.20 2.03 0.00	35.77 2.62 0.00	37.12 2.68 -0.17	38.44 3.02 -0.25	41.89 3.32 -0.40	44.71 3.44 -2.23	52.65 3.30 -11.35	54.71 4.08 -4.74	58.80 4.80 -0.05	59.27 4.79 -0.03	52.16 4.04 0.00	46.06 3.37 0.00	43.99 3.33 -0.05	38.33 2.81 0.00	36.39 2.38 0.00
ROTTDAM_115KV_TB3 80664	32.37 1.22 0.00	28.42 1.01 0.00	27.69 0.88 0.00	26.90 0.86 0.00	26.80 0.88 0.00	26.17 0.84 0.00	26.54 0.85 0.00	27.51 0.83 0.00	28.39 1.04 0.00	29.33 1.16 0.00	34.54 1.39 0.00	35.67 1.54 0.14	36.61 1.65 0.20	39.63 1.79 0.33	42.77 1.83 -1.89	51.92 1.79 -12.14	53.38 2.16 -5.33	56.50 2.59 0.04	57.10 2.67 0.02	50.48 2.36 0.00	44.69 2.01 0.00	42.51 1.95 0.04	37.15 1.63 0.00	35.34 1.33 0.00
RUSSELL____1 23602	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
RUSSELL____2 23532	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
RUSSELL____3 23549	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
RUSSELL____4 23556	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
RUSSELL____STATION 23914	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
S SALMON____HYD 24043	31.16 0.00 0.00	27.33 -0.08 0.00	26.61 -0.19 0.00	25.83 -0.21 0.00	25.71 -0.21 0.00	25.16 -0.18 0.00	25.49 -0.21 0.00	26.50 -0.19 0.00	27.08 -0.27 0.00	27.92 -0.25 0.00	33.82 -0.43 -1.11	34.15 -0.41 -0.29	35.21 -0.24 -0.29	38.72 -0.42 -0.97	39.59 -0.51 -1.06	39.21 -0.45 -1.66	47.05 -0.46 -1.62	57.34 -0.32 -3.72	58.40 -0.16 -4.11	49.19 -0.05 -1.12	44.06 0.09 -1.28	43.44 0.12 -2.71	36.51 0.14 -0.85	35.13 -0.03 -1.15
S.PERRY__115KV_TB1 80734	31.81 0.65 0.00	27.60 0.19 0.00	26.67 -0.13 0.00	25.83 -0.21 0.00	25.68 -0.23 0.00	25.11 -0.23 0.00	25.31 -0.39 0.00	26.45 -0.24 0.00	27.00 -0.36 0.00	27.33 -0.85 0.00	31.66 -1.49 0.00	33.49 -0.79 0.00	34.25 -0.91 0.00	37.14 -1.03 0.00	38.23 -1.09 -0.28	38.53 -1.06 -1.59	45.38 -1.19 -0.69	52.92 -1.03 0.00	54.35 -0.11 0.00	48.51 0.38 0.00	43.50 0.81 0.00	41.26 0.65 0.00	36.59 1.07 0.00	34.59 0.58 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.07 -1.09 0.00	26.09 -1.32 0.00	25.27 -1.53 0.00	24.53 -1.51 0.00	24.36 -1.56 0.00	23.79 -1.55 0.00	23.97 -1.72 0.00	25.30 -1.39 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.94 -1.34 0.00	33.55 -1.62 0.00	36.37 -1.79 0.00	37.15 -2.15 -0.26	37.23 -2.24 -1.48	43.73 -2.80 -0.64	50.98 -2.97 0.00	51.62 -2.83 0.00	45.86 -2.26 0.00	40.94 -1.75 0.00	38.82 -1.79 0.00	34.63 -0.89 0.00	32.96 -1.05 0.00
SAWYER____23_KV_LOAD 55526	30.07 -1.09 0.00	26.09 -1.32 0.00	25.27 -1.53 0.00	24.53 -1.51 0.00	24.36 -1.56 0.00	23.79 -1.55 0.00	23.97 -1.72 0.00	25.30 -1.39 0.00	26.23 -1.12 0.00	26.54 -1.63 0.00	30.83 -2.32 0.00	32.94 -1.34 0.00	33.55 -1.62 0.00	36.37 -1.79 0.00	37.15 -2.15 -0.26	37.23 -2.24 -1.48	43.73 -2.80 -0.64	50.98 -2.97 0.00	51.62 -2.83 0.00	45.86 -2.26 0.00	40.94 -1.75 0.00	38.82 -1.79 0.00	34.63 -0.89 0.00	32.96 -1.05 0.00

SELKIRK___I 23801	32.12 0.97 0.00	28.29 0.88 0.00	27.55 0.75 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.09 0.76 0.00	26.41 0.72 0.00	27.30 0.61 0.00	28.06 0.71 0.00	29.02 0.84 0.00	34.14 0.99 0.00	35.10 0.93 0.10	36.14 1.12 0.15	39.15 1.22 0.24	42.16 1.25 -1.86	50.85 1.22 -11.64	52.40 1.42 -5.09	55.64 1.73 0.03	56.18 1.74 0.02	49.71 1.59 0.00	44.05 1.37 0.00	42.08 1.50 0.03	36.80 1.28 0.00	35.03 1.02 0.00
SELKIRK___II 23799	31.90 0.75 0.00	28.07 0.66 0.00	27.34 0.54 0.00	26.66 0.62 0.00	26.54 0.62 0.00	25.92 0.58 0.00	26.24 0.54 0.00	27.14 0.45 0.00	27.93 0.58 0.00	28.93 0.76 0.00	34.07 0.93 0.00	34.97 0.82 0.12	36.01 1.02 0.17	38.99 1.11 0.28	42.01 1.13 -1.84	50.71 1.06 -11.65	52.23 1.24 -5.11	55.31 1.40 0.04	55.85 1.41 0.02	49.37 1.25 0.00	43.76 1.07 0.00	41.87 1.30 0.04	36.62 1.10 0.00	34.83 0.81 0.00
SENECA OSWGO___HYD 24041	30.87 -0.28 0.00	27.14 -0.27 0.00	26.40 -0.40 0.00	25.65 -0.39 0.00	25.53 -0.39 0.00	24.98 -0.35 0.00	25.31 -0.38 0.00	26.37 -0.32 0.00	26.97 -0.38 0.00	27.84 -0.34 0.00	34.24 -0.46 -1.55	34.30 -0.38 -0.41	35.36 -0.21 -0.41	39.22 -0.31 -1.36	40.14 -0.35 -1.45	39.78 -0.38 -2.16	47.64 -0.46 -2.21	58.63 -0.54 -5.23	59.74 -0.49 -5.78	49.36 -0.33 -1.57	44.20 -0.30 -1.80	44.13 -0.28 -3.80	36.54 -0.18 -1.20	35.25 -0.37 -1.61
SENECA___115KV_TB3 355854	30.53 -0.62 0.00	26.48 -0.93 0.00	25.62 -1.18 0.00	24.84 -1.20 0.00	24.67 -1.24 0.00	24.09 -1.24 0.00	24.28 -1.41 0.00	25.62 -1.07 0.00	26.53 -0.82 0.00	26.93 -1.24 0.00	31.29 -1.86 0.00	33.42 -0.86 0.00	34.04 -1.13 0.00	36.95 -1.22 0.00	37.44 -1.87 -0.27	37.57 -1.98 -1.55	44.12 -2.43 -0.67	51.79 -2.16 0.00	52.44 -2.01 0.00	46.58 -1.54 0.00	41.54 -1.15 0.00	39.39 -1.22 0.00	35.17 -0.36 0.00	33.43 -0.58 0.00
SENECA___ENERGY 23797	31.06 -0.09 0.00	27.16 -0.25 0.00	26.37 -0.43 0.00	25.59 -0.44 0.00	25.45 -0.47 0.00	24.90 -0.43 0.00	25.23 -0.46 0.00	26.39 -0.29 0.00	26.89 -0.47 0.00	27.86 -0.31 0.00	33.27 -0.50 -0.62	34.09 -0.34 -0.16	35.22 -0.11 -0.16	38.52 -0.19 -0.54	39.38 -0.39 -0.73	39.32 -0.42 -1.74	46.69 -0.46 -1.25	55.65 -0.38 -2.08	56.43 -0.32 -2.30	48.65 -0.10 -0.63	43.28 -0.13 -0.72	42.00 -0.12 -1.51	36.21 0.21 -0.48	34.52 -0.14 -0.64
SHOEMAKER___GT 23640	32.99 1.84 0.00	28.86 1.45 0.00	28.06 1.26 0.00	27.31 1.28 0.00	27.19 1.27 0.00	26.52 1.19 0.00	26.90 1.21 0.00	27.94 1.25 0.00	28.75 1.39 0.00	29.95 1.78 0.00	35.43 2.29 0.00	36.76 2.33 -0.15	38.02 2.64 -0.22	41.46 2.94 -0.35	44.06 3.05 -1.97	50.97 2.93 -10.05	53.76 3.67 -4.20	58.31 4.32 -0.04	58.84 4.36 -0.02	51.78 3.66 0.00	45.76 3.08 0.00	43.66 3.00 -0.04	38.04 2.52 0.00	36.12 2.11 0.00
SHOEMAKR_138KV_BK 111 55601	32.99 1.84 0.00	28.89 1.48 0.00	28.06 1.26 0.00	27.31 1.28 0.00	27.19 1.27 0.00	26.52 1.19 0.00	26.93 1.23 0.00	27.94 1.25 0.00	28.91 1.56 0.00	29.98 1.80 0.00	35.44 2.29 0.00	36.93 2.50 -0.15	38.05 2.67 -0.21	41.49 2.98 -0.35	44.08 3.08 -1.95	50.91 2.96 -9.95	53.77 3.72 -4.16	58.31 4.32 -0.04	58.78 4.30 -0.02	51.78 3.66 0.00	45.76 3.07 0.00	43.65 3.00 -0.04	38.04 2.52 0.00	36.12 2.11 0.00
SHOREHAM_IC_1 23715	43.64 3.27 -9.21	42.65 2.63 -12.61	42.21 2.36 -13.05	41.02 2.32 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.66 2.21 -2.75	34.48 2.35 -5.45	41.02 2.54 -11.12	42.58 3.15 -11.26	44.97 4.04 -7.78	70.44 4.32 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.06 5.17 -120.90	196.46 6.38 -144.19	278.31 7.55 -216.81	173.17 7.62 -111.09	139.76 6.49 -85.15	62.74 5.47 -14.58	71.74 5.28 -25.86	48.26 4.33 -8.41	44.70 3.84 -6.84
SHOREHAM_IC_2 23716	43.64 3.27 -9.21	42.65 2.63 -12.61	42.21 2.36 -13.05	41.02 2.32 -12.67	37.87 2.28 -9.67	34.52 2.18 -7.01	30.66 2.21 -2.75	34.48 2.35 -5.45	41.02 2.54 -11.12	42.58 3.15 -11.26	44.97 4.04 -7.78	70.44 4.32 -31.85	61.97 4.71 -22.09	82.30 5.19 -38.95	131.52 5.35 -87.13	164.06 5.17 -120.90	196.46 6.38 -144.19	278.31 7.55 -216.81	173.17 7.62 -111.09	139.76 6.49 -85.15	62.74 5.47 -14.58	71.74 5.28 -25.86	48.26 4.33 -8.41	44.70 3.84 -6.84
SISSONVILLE____ 23735	30.16 -1.00 0.00	26.64 -0.77 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.18 -0.51 0.00	26.05 -0.64 0.00	26.34 -1.01 0.00	27.16 -1.01 0.00	31.97 -1.33 -0.14	32.56 -1.75 -0.04	33.34 -1.86 -0.04	36.31 -1.98 -0.13	37.17 -1.99 -0.12	36.27 -1.86 -0.13	43.86 -2.20 -0.18	52.06 -2.37 -0.48	52.54 -2.45 -0.53	46.25 -2.02 -0.15	41.32 -1.54 -0.17	39.29 -1.66 -0.35	34.03 -1.60 -0.11	33.04 -1.12 -0.15
SITHE_IND_GS1 24169	30.32 -0.84 0.00	26.67 -0.74 0.00	26.02 -0.78 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.62 -0.71 0.00	24.95 -0.75 0.00	25.97 -0.72 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.58 -1.06 4.51	32.07 -1.03 1.18	33.07 -0.91 1.18	33.19 -1.03 3.95	34.19 -1.09 3.76	33.27 -1.06 3.67	39.28 -1.33 5.28	37.23 -1.57 15.16	36.11 -1.58 16.76	42.26 -1.30 4.56	36.30 -1.15 5.23	28.48 -1.09 11.03	31.17 -0.89 3.47	28.35 -0.99 4.68
SITHE_IND_GS2 24170	30.32 -0.84 0.00	26.67 -0.74 0.00	26.02 -0.78 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.62 -0.71 0.00	24.95 -0.75 0.00	25.97 -0.72 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.58 -1.06 4.51	32.07 -1.03 1.18	33.07 -0.91 1.18	33.19 -1.03 3.95	34.19 -1.09 3.76	33.27 -1.06 3.67	39.28 -1.33 5.28	37.23 -1.57 15.16	36.11 -1.58 16.76	42.26 -1.30 4.56	36.30 -1.15 5.23	28.48 -1.09 11.03	31.17 -0.89 3.47	28.35 -0.99 4.68
SITHE_IND_GS3 24171	30.32 -0.84 0.00	26.67 -0.74 0.00	26.02 -0.78 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.62 -0.71 0.00	24.95 -0.75 0.00	25.97 -0.72 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.58 -1.06 4.51	32.07 -1.03 1.18	33.07 -0.91 1.18	33.19 -1.03 3.95	34.19 -1.09 3.76	33.27 -1.06 3.67	39.28 -1.33 5.28	37.23 -1.57 15.16	36.11 -1.58 16.76	42.26 -1.30 4.56	36.30 -1.15 5.23	28.48 -1.09 11.03	31.17 -0.89 3.47	28.35 -0.99 4.68
SITHE_IND_GS4 24172	30.32 -0.84 0.00	26.67 -0.74 0.00	26.02 -0.78 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.62 -0.71 0.00	24.95 -0.75 0.00	25.97 -0.72 0.00	26.53 -0.82 0.00	27.33 -0.84 0.00	27.58 -1.06 4.51	32.07 -1.03 1.18	33.07 -0.91 1.18	33.19 -1.03 3.95	34.19 -1.09 3.76	33.27 -1.06 3.67	39.28 -1.33 5.28	37.23 -1.57 15.16	36.11 -1.58 16.76	42.26 -1.30 4.56	36.30 -1.15 5.23	28.48 -1.09 11.03	31.17 -0.89 3.47	28.35 -0.99 4.68
SITHE___BATAVIA 24024	30.87 -0.28 0.00	26.78 -0.63 0.00	25.94 -0.86 0.00	25.05 -0.99 0.00	24.98 -0.93 0.00	24.32 -1.01 0.00	24.62 -1.08 0.00	25.97 -0.72 0.00	26.07 -1.29 0.00	27.19 -0.99 0.00	31.59 -1.56 0.00	32.94 -1.34 0.00	34.36 -0.81 0.00	37.25 -0.92 0.00	38.10 -1.17 -0.23	38.05 -1.25 -1.30	44.98 -1.47 -0.56	52.28 -1.67 0.00	52.71 -1.74 0.00	47.35 -0.77 0.00	41.92 -0.77 0.00	39.96 -0.65 0.00	35.49 -0.04 0.00	33.64 -0.37 0.00

SITHE___INDEPEND 23800	30.31 -0.84 0.00	26.67 -0.74 0.00	26.02 -0.78 0.00	25.26 -0.78 0.00	25.14 -0.78 0.00	24.62 -0.71 0.00	24.95 -0.75 0.00	25.97 -0.72 0.00	26.70 -0.66 0.00	27.33 -0.85 0.00	27.58 -1.06 4.51	32.20 -0.89 1.18	33.07 -0.91 1.18	33.19 -1.03 3.95	34.19 -1.09 3.76	33.27 -1.06 3.67	39.28 -1.33 5.28	37.23 -1.56 15.16	36.17 -1.52 16.76	42.21 -1.35 4.56	36.30 -1.15 5.23	28.48 -1.10 11.03	31.17 -0.89 3.47	28.35 -0.99 4.68
SITHE___MASSENA 23902	30.32 -0.84 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.59 -0.44 0.00	25.45 -0.47 0.00	24.88 -0.46 0.00	25.34 -0.36 0.00	26.23 -0.45 0.00	26.83 -0.52 0.00	27.38 -0.79 0.00	32.12 -1.03 0.00	33.11 -1.17 0.00	33.62 -1.55 0.00	36.53 -1.64 0.00	37.44 -1.60 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.79 -2.16 0.00	52.22 -2.24 0.00	46.20 -1.93 0.00	41.24 -1.45 0.00	39.02 -1.58 0.00	34.06 -1.46 0.00	33.03 -0.99 0.00
SITHE___OGDNSBRG 24021	30.56 -0.59 0.00	27.03 -0.38 0.00	26.64 -0.16 0.00	25.80 -0.23 0.00	25.66 -0.26 0.00	25.08 -0.25 0.00	25.57 -0.13 0.00	26.39 -0.29 0.00	26.61 -0.74 0.00	27.44 -0.73 0.00	32.12 -1.03 0.00	32.83 -1.44 0.00	33.62 -1.55 0.00	36.53 -1.64 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.19 -1.70 0.00	52.11 -1.83 0.00	52.66 -1.80 0.00	46.68 -1.44 0.00	41.75 -0.94 0.00	39.47 -1.14 0.00	34.35 -1.17 0.00	33.33 -0.68 0.00
SITHE___STERLING 23777	32.25 1.09 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.71 0.68 0.00	26.59 0.67 0.00	26.02 0.68 0.00	26.36 0.67 0.00	27.41 0.72 0.00	28.04 0.68 0.00	28.96 0.79 0.00	34.26 0.86 -0.25	35.30 0.96 -0.07	36.43 1.20 -0.07	39.65 1.26 -0.22	40.60 1.25 -0.31	39.98 1.22 -0.77	47.94 1.51 -0.54	56.91 2.10 -0.86	57.69 2.29 -0.95	50.40 2.02 -0.26	44.73 1.75 -0.30	42.89 1.67 -0.62	37.14 1.42 -0.20	35.47 1.19 -0.26
SLEIGHT___34_KV_TB1 80719	30.72 -0.44 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.28 -0.76 0.00	25.14 -0.78 0.00	24.60 -0.73 0.00	24.90 -0.80 0.00	26.18 -0.51 0.00	27.02 -0.33 0.00	27.67 -0.51 0.00	32.56 -0.76 -0.17	34.11 -0.21 -0.04	34.93 -0.28 -0.05	37.97 -0.34 -0.15	38.99 -0.39 -0.34	38.82 -0.42 -1.25	45.97 -0.60 -0.68	53.66 -0.86 -0.58	54.44 -0.65 -0.64	47.62 -0.67 -0.17	42.50 -0.38 -0.20	40.58 -0.45 -0.42	35.51 -0.14 -0.13	33.72 -0.48 -0.18
SOUTH CAIRO___GT 23612	33.12 1.96 0.00	29.19 1.78 0.00	28.27 1.47 0.00	27.55 1.51 0.00	27.42 1.50 0.00	26.73 1.39 0.00	27.03 1.34 0.00	27.78 1.09 0.00	28.80 1.45 0.00	29.72 1.55 0.00	35.00 1.86 0.00	36.26 2.06 0.07	37.28 2.22 0.10	40.45 2.44 0.16	43.49 2.58 -1.87	51.93 2.55 -11.39	54.01 3.17 -4.95	57.87 3.94 0.02	58.58 4.14 0.01	51.59 3.46 0.00	45.72 3.03 0.00	43.88 3.29 0.02	37.97 2.45 0.00	35.92 1.90 0.00
SOUTH HAMPTN___IC 23720	44.10 3.74 -9.21	43.04 3.02 -12.61	42.55 2.71 -13.05	41.34 2.63 -12.67	38.21 2.62 -9.67	34.83 2.48 -7.01	30.94 2.49 -2.75	34.83 2.69 -5.45	41.46 2.98 -11.12	43.06 3.64 -11.26	45.70 4.77 -7.78	71.30 5.18 -31.85	62.81 5.55 -22.09	83.26 6.15 -38.95	132.46 6.29 -87.13	165.01 6.12 -120.90	197.56 7.48 -144.19	276.82 8.80 -214.07	174.42 8.88 -111.09	138.27 7.56 -82.60	63.50 6.23 -14.58	72.47 6.01 -25.86	48.80 4.87 -8.41	45.17 4.32 -6.84
SOUTHDOW___115KV_TB1 355954	31.34 0.19 0.00	27.00 -0.41 0.00	26.05 -0.75 0.00	25.20 -0.83 0.00	24.98 -0.93 0.00	24.40 -0.94 0.00	24.54 -1.16 0.00	25.91 -0.77 0.00	26.81 -0.55 0.00	27.58 -0.59 0.00	32.15 -0.99 0.00	34.24 -0.03 0.00	34.95 -0.21 0.00	37.90 -0.27 0.00	38.08 -1.25 -0.29	38.23 -1.44 -1.68	45.01 -1.61 -0.72	53.35 -0.59 0.00	53.53 -0.93 0.00	47.74 -0.38 0.00	42.43 -0.26 0.00	40.28 -0.32 0.00	35.91 0.39 0.00	34.08 0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	44.39 4.02 -9.21	43.26 3.23 -12.61	42.71 2.87 -13.05	41.49 2.79 -12.67	38.34 2.75 -9.67	34.93 2.58 -7.01	31.02 2.57 -2.75	34.96 2.83 -5.45	41.87 3.39 -11.12	43.34 3.92 -11.26	46.19 5.27 -7.77	72.12 6.00 -31.85	63.44 6.19 -22.09	83.94 6.83 -38.95	133.20 7.03 -87.13	165.77 6.88 -120.90	198.48 8.40 -144.19	277.93 9.87 -214.11	175.40 9.86 -111.09	139.07 8.33 -82.63	64.06 6.79 -14.58	73.04 6.58 -25.86	49.15 5.22 -8.41	45.41 4.56 -6.84
SOUTHOLD___IC 23719	44.36 3.99 -9.21	43.23 3.21 -12.61	42.72 2.87 -13.05	41.50 2.79 -12.67	38.34 2.75 -9.67	34.95 2.61 -7.01	31.02 2.57 -2.75	34.96 2.83 -5.45	41.65 3.17 -11.12	43.34 3.91 -11.26	46.19 5.27 -7.78	71.92 5.79 -31.85	63.45 6.19 -22.09	83.94 6.83 -38.95	133.16 6.99 -87.13	165.77 6.88 -120.90	198.48 8.40 -144.19	277.77 9.71 -214.11	175.46 9.91 -111.09	139.12 8.37 -82.63	64.10 6.83 -14.58	73.04 6.58 -25.86	49.15 5.22 -8.41	45.41 4.56 -6.84
SOUTH_FORK_WT_PWR 323839	44.04 3.67 -9.21	42.92 2.90 -12.61	42.45 2.60 -13.05	41.21 2.50 -12.67	38.08 2.49 -9.67	34.67 2.33 -7.01	30.74 2.29 -2.75	34.67 2.54 -5.45	41.37 2.90 -11.12	43.09 3.66 -11.26	45.89 4.97 -7.78	71.64 5.52 -31.85	63.16 5.91 -22.09	83.64 6.52 -38.95	132.84 6.67 -87.13	165.43 6.54 -120.90	198.02 7.94 -144.19	277.21 9.17 -214.09	174.91 9.37 -111.09	138.62 7.89 -82.61	63.67 6.40 -14.58	72.60 6.13 -25.86	48.72 4.79 -8.41	45.04 4.18 -6.84
SPIERFLS_115KV_TB 1 80737	32.96 1.81 0.00	29.00 1.59 0.00	28.09 1.29 0.00	27.29 1.25 0.00	27.19 1.27 0.00	26.55 1.22 0.00	26.93 1.23 0.00	27.91 1.23 0.00	29.05 1.70 0.00	30.03 1.86 0.00	35.14 1.99 0.00	36.29 2.19 0.18	37.09 2.18 0.26	40.00 2.25 0.41	43.11 2.30 -1.76	52.03 2.32 -11.71	54.05 2.98 -5.18	57.62 3.72 0.05	58.46 4.03 0.03	51.78 3.66 0.00	45.76 3.07 0.00	43.48 2.92 0.05	37.94 2.42 0.00	35.92 1.90 0.00
ST LAWRENCE____ 23600	30.35 -0.81 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.59 -0.44 0.00	25.48 -0.44 0.00	24.88 -0.46 0.00	25.31 -0.38 0.00	26.23 -0.45 0.00	26.86 -0.49 0.00	27.41 -0.76 0.00	32.19 -0.96 0.00	33.21 -1.06 0.00	33.76 -1.41 0.00	36.64 -1.53 0.00	37.56 -1.48 0.00	36.59 -1.41 0.00	44.15 -1.74 0.00	51.90 -2.05 0.00	52.33 -2.12 0.00	46.29 -1.83 0.00	41.24 -1.45 0.00	39.10 -1.50 0.00	34.17 -1.35 0.00	33.10 -0.92 0.00
STATE_CA_115KV_115_LB 55624	32.09 0.93 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.09 0.76 0.00	26.39 0.69 0.00	27.30 0.61 0.00	28.23 0.88 0.00	29.19 1.01 0.00	34.34 1.19 0.00	35.41 1.30 0.17	36.40 1.48 0.24	39.34 1.56 0.39	42.37 1.60 -1.73	51.01 1.56 -11.45	52.79 1.84 -5.06	56.06 2.16 0.05	56.50 2.07 0.03	50.00 1.88 0.00	44.22 1.54 0.00	42.14 1.58 0.05	36.87 1.35 0.00	35.03 1.02 0.00
STATE_ST_34_KV_LOAD 55959	31.37 0.22 0.00	27.49 0.08 0.00	26.72 -0.08 0.00	25.93 -0.10 0.00	25.79 -0.13 0.00	25.26 -0.08 0.00	25.57 -0.13 0.00	26.74 0.05 0.00	27.57 0.22 0.00	28.31 0.14 0.00	33.96 0.10 -0.72	34.91 0.45 -0.19	35.81 0.46 -0.19	39.25 0.46 -0.63	40.21 0.35 -0.81	40.13 0.30 -1.83	47.63 0.37 -1.37	56.90 0.54 -2.41	57.78 0.65 -2.67	49.42 0.58 -0.73	44.12 0.60 -0.83	42.89 0.53 -1.76	36.68 0.60 -0.55	35.03 0.27 -0.74

STATION 5_MISC_HYD 23604	30.63 -0.53 0.00	26.73 -0.68 0.00	25.94 -0.86 0.00	25.15 -0.89 0.00	25.01 -0.91 0.00	24.45 -0.89 0.00	24.72 -0.98 0.00	26.02 -0.67 0.00	26.37 -0.98 0.00	27.44 -0.73 0.00	32.02 -1.13 0.00	33.35 -0.92 0.00	34.60 -0.56 0.00	37.52 -0.65 0.00	38.61 -0.63 -0.19	38.47 -0.65 -1.12	45.50 -0.87 -0.48	52.65 -1.30 0.00	53.10 -1.36 0.00	47.35 -0.77 0.00	41.96 -0.73 0.00	39.96 -0.65 0.00	35.31 -0.21 0.00	33.47 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.06 -0.09 0.00	27.11 -0.30 0.00	26.32 -0.48 0.00	25.52 -0.52 0.00	25.37 -0.54 0.00	24.83 -0.51 0.00	25.13 -0.57 0.00	26.45 -0.24 0.00	27.30 -0.05 0.00	27.92 -0.25 0.00	32.83 -0.50 -0.18	34.46 0.14 -0.05	35.21 0.00 -0.05	38.29 -0.04 -0.16	39.23 -0.16 -0.35	39.12 -0.15 -1.28	46.31 -0.28 -0.70	54.13 -0.43 -0.62	54.97 -0.16 -0.68	48.07 -0.24 -0.19	42.90 0.00 -0.21	40.93 -0.12 -0.45	35.87 0.21 -0.14	34.07 -0.14 -0.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.53 -0.62 0.00	26.62 -0.79 0.00	25.84 -0.96 0.00	25.07 -0.96 0.00	24.93 -0.98 0.00	24.37 -0.96 0.00	24.64 -1.05 0.00	25.97 -0.72 0.00	26.83 -0.52 0.00	27.38 -0.79 0.00	31.99 -1.16 0.00	33.79 -0.48 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.57 -0.66 -0.19	38.42 -0.68 -1.11	45.40 -0.96 -0.48	52.55 -1.40 0.00	53.31 -1.14 0.00	47.01 -1.11 0.00	41.96 -0.73 0.00	39.79 -0.81 0.00	35.17 -0.36 0.00	33.33 -0.68 0.00
STA_56____34_KV_BUS2 355983	30.53 -0.62 0.00	26.62 -0.79 0.00	25.84 -0.96 0.00	25.07 -0.96 0.00	24.93 -0.98 0.00	24.37 -0.96 0.00	24.64 -1.05 0.00	25.97 -0.72 0.00	26.83 -0.52 0.00	27.38 -0.79 0.00	31.99 -1.16 0.00	33.79 -0.48 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.57 -0.66 -0.19	38.42 -0.68 -1.11	45.40 -0.96 -0.48	52.55 -1.40 0.00	53.31 -1.14 0.00	47.01 -1.11 0.00	41.96 -0.73 0.00	39.79 -0.81 0.00	35.17 -0.36 0.00	33.33 -0.68 0.00
STA_67____115KV_BK2 355882	30.56 -0.59 0.00	26.64 -0.77 0.00	25.89 -0.91 0.00	25.10 -0.94 0.00	24.96 -0.96 0.00	24.40 -0.94 0.00	24.67 -1.03 0.00	25.97 -0.72 0.00	26.83 -0.52 0.00	27.36 -0.82 0.00	31.96 -1.19 0.00	33.76 -0.51 0.00	34.50 -0.67 0.00	37.40 -0.76 0.00	38.57 -0.66 -0.19	38.43 -0.68 -1.12	45.41 -0.96 -0.48	52.49 -1.46 0.00	53.31 -1.14 0.00	47.06 -1.06 0.00	42.00 -0.68 0.00	39.84 -0.77 0.00	35.20 -0.32 0.00	33.40 -0.61 0.00
STA_7____115KV_9TRANS 80674	30.81 -0.34 0.00	26.83 -0.58 0.00	26.05 -0.75 0.00	25.26 -0.78 0.00	25.11 -0.80 0.00	24.55 -0.79 0.00	24.82 -0.87 0.00	26.15 -0.53 0.00	27.05 -0.30 0.00	27.58 -0.59 0.00	32.22 -0.93 0.00	34.10 -0.17 0.00	34.85 -0.32 0.00	37.78 -0.38 0.00	38.88 -0.35 -0.19	38.77 -0.34 -1.12	45.77 -0.60 -0.48	52.98 -0.97 0.00	53.80 -0.65 0.00	47.45 -0.67 0.00	42.39 -0.30 0.00	40.20 -0.41 0.00	35.52 0.00 0.00	33.67 -0.34 0.00
STA_82____115KV_TB1 80780	30.56 -0.59 0.00	26.67 -0.74 0.00	25.89 -0.91 0.00	25.10 -0.94 0.00	24.98 -0.93 0.00	24.40 -0.94 0.00	24.69 -1.00 0.00	25.99 -0.69 0.00	26.86 -0.49 0.00	27.38 -0.79 0.00	31.96 -1.19 0.00	33.79 -0.48 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.57 -0.66 -0.19	38.44 -0.68 -1.12	45.41 -0.96 -0.48	52.55 -1.40 0.00	53.31 -1.14 0.00	47.06 -1.06 0.00	42.05 -0.64 0.00	39.84 -0.77 0.00	35.24 -0.28 0.00	33.43 -0.58 0.00
STEEL____WIND 323596	30.50 -0.66 0.00	26.45 -0.96 0.00	25.60 -1.21 0.00	24.81 -1.22 0.00	24.65 -1.27 0.00	24.07 -1.27 0.00	24.28 -1.41 0.00	25.59 -1.10 0.00	25.68 -1.67 0.00	26.91 -1.27 0.00	31.26 -1.89 0.00	32.56 -1.71 0.00	34.00 -1.16 0.00	36.91 -1.26 0.00	37.32 -1.99 -0.27	37.42 -2.13 -1.55	44.08 -2.48 -0.67	51.73 -2.21 0.00	51.90 -2.56 0.00	46.82 -1.30 0.00	41.28 -1.41 0.00	39.35 -1.26 0.00	35.13 -0.39 0.00	33.40 -0.61 0.00
STEPHTWN_115KV_BK_2 55603	32.28 1.12 0.00	28.42 1.01 0.00	27.63 0.83 0.00	26.95 0.91 0.00	26.80 0.88 0.00	26.17 0.84 0.00	26.49 0.80 0.00	27.41 0.72 0.00	28.36 1.01 0.00	29.33 1.16 0.00	34.54 1.39 0.00	35.58 1.47 0.17	36.58 1.65 0.24	39.54 1.76 0.38	42.60 1.83 -1.72	51.09 1.75 -11.35	52.97 2.07 -5.01	56.38 2.48 0.05	56.83 2.40 0.03	50.24 2.12 0.00	44.48 1.79 0.00	42.43 1.87 0.05	37.05 1.53 0.00	35.20 1.19 0.00
STEUBEN_REC_LFGE 323667	31.47 0.31 0.00	27.22 -0.19 0.00	26.13 -0.67 0.00	25.31 -0.73 0.00	25.14 -0.78 0.00	24.67 -0.66 0.00	24.90 -0.80 0.00	26.26 -0.43 0.00	27.05 -0.30 0.00	27.61 -0.56 0.00	32.22 -1.16 -0.23	33.82 -0.51 -0.06	34.49 -0.74 -0.06	37.41 -0.95 -0.20	38.00 -1.60 -0.55	38.68 -1.60 -2.28	45.13 -1.93 -1.17	52.73 -2.00 -0.77	53.62 -1.69 -0.86	47.15 -1.20 -0.23	42.10 -0.85 -0.27	40.24 -0.93 -0.56	35.84 0.14 -0.18	34.08 -0.17 -0.24
STILLWATER____SOLAR 323814	32.96 1.81 0.00	28.94 1.53 0.00	28.14 1.34 0.00	27.34 1.30 0.00	27.24 1.32 0.00	26.60 1.27 0.00	26.95 1.26 0.00	27.91 1.23 0.00	28.80 1.45 0.00	29.86 1.69 0.00	35.17 2.02 0.00	36.17 2.09 0.20	37.24 2.36 0.28	40.19 2.48 0.46	43.28 2.54 -1.70	52.00 2.51 -11.50	54.02 3.03 -5.10	57.56 3.67 0.06	58.24 3.81 0.03	51.49 3.37 0.00	45.59 2.90 0.00	43.31 2.76 0.06	37.86 2.34 0.00	35.92 1.90 0.00
STONY____BROOK 24151	43.79 3.43 -9.21	42.82 2.80 -12.61	42.36 2.52 -13.05	41.18 2.47 -12.67	38.05 2.46 -9.67	34.70 2.36 -7.01	30.87 2.41 -2.75	34.69 2.56 -5.45	41.24 2.76 -11.12	42.78 3.35 -11.26	45.13 4.21 -7.78	70.41 4.28 -31.85	61.86 4.61 -22.09	82.23 5.12 -38.95	131.41 5.23 -87.13	163.89 4.98 -120.92	196.24 6.15 -144.20	292.88 7.18 -231.75	172.79 7.24 -111.10	153.36 6.16 -99.08	62.53 5.25 -14.59	71.59 5.12 -25.86	48.37 4.44 -8.41	44.87 4.01 -6.84
STURGEON_POOL_HYD 23609	33.37 2.21 0.00	29.19 1.78 0.00	28.36 1.55 0.00	27.57 1.54 0.00	27.47 1.56 0.00	26.80 1.47 0.00	27.19 1.49 0.00	28.21 1.52 0.00	29.21 1.86 0.00	30.31 2.14 0.00	35.97 2.82 0.00	37.61 3.26 -0.08	38.76 3.48 -0.12	42.25 3.89 -0.19	45.09 4.02 -2.03	52.89 3.91 -10.99	55.41 4.86 -4.66	59.64 5.66 -0.02	60.13 5.66 -0.01	52.64 4.52 0.00	46.40 3.71 0.00	44.49 3.86 -0.02	38.58 3.05 0.00	36.60 2.58 0.00
ST_LAW_115_BK7_LBMP 345037	30.28 -0.87 0.00	26.78 -0.63 0.00	26.34 -0.46 0.00	25.57 -0.47 0.00	25.42 -0.49 0.00	24.85 -0.48 0.00	25.26 -0.44 0.00	26.18 -0.51 0.00	26.81 -0.55 0.00	27.35 -0.82 0.00	32.12 -1.03 0.00	33.14 -1.13 0.00	33.62 -1.55 0.00	36.53 -1.64 0.00	37.44 -1.60 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.73 -2.21 0.00	52.17 -2.29 0.00	46.15 -1.98 0.00	41.11 -1.58 0.00	38.98 -1.63 0.00	34.06 -1.46 0.00	33.03 -0.99 0.00
ST_LAW_115_BK8_LBMP 345038	30.28 -0.87 0.00	26.78 -0.63 0.00	26.34 -0.46 0.00	25.57 -0.47 0.00	25.42 -0.49 0.00	24.85 -0.48 0.00	25.26 -0.44 0.00	26.18 -0.51 0.00	26.81 -0.55 0.00	27.35 -0.82 0.00	32.12 -1.03 0.00	33.14 -1.13 0.00	33.62 -1.55 0.00	36.53 -1.64 0.00	37.44 -1.60 0.00	36.47 -1.52 0.00	44.05 -1.84 0.00	51.73 -2.21 0.00	52.17 -2.29 0.00	46.15 -1.98 0.00	41.11 -1.58 0.00	38.98 -1.63 0.00	34.06 -1.46 0.00	33.03 -0.99 0.00

ST_LAW_230_BK5_LBMP 345035	30.35 -0.81 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.59 -0.44 0.00	25.48 -0.44 0.00	24.88 -0.46 0.00	25.31 -0.38 0.00	26.23 -0.45 0.00	26.86 -0.49 0.00	27.41 -0.76 0.00	32.19 -0.96 0.00	33.21 -1.06 0.00	33.76 -1.41 0.00	36.64 -1.53 0.00	37.56 -1.48 0.00	36.59 -1.41 0.00	44.15 -1.74 0.00	51.90 -2.05 0.00	52.33 -2.12 0.00	46.29 -1.83 0.00	41.24 -1.45 0.00	39.10 -1.50 0.00	34.17 -1.35 0.00	33.10 -0.92 0.00
ST_LAW_230_BK6_LBMP 345036	30.35 -0.81 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.59 -0.44 0.00	25.48 -0.44 0.00	24.88 -0.46 0.00	25.31 -0.38 0.00	26.23 -0.45 0.00	26.86 -0.49 0.00	27.41 -0.76 0.00	32.19 -0.96 0.00	33.21 -1.06 0.00	33.76 -1.41 0.00	36.64 -1.53 0.00	37.56 -1.48 0.00	36.59 -1.41 0.00	44.15 -1.74 0.00	51.90 -2.05 0.00	52.33 -2.12 0.00	46.29 -1.83 0.00	41.24 -1.45 0.00	39.10 -1.50 0.00	34.17 -1.35 0.00	33.10 -0.92 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.21 2.06 0.00	29.08 1.67 0.00	28.25 1.45 0.00	27.47 1.43 0.00	27.34 1.43 0.00	26.70 1.37 0.00	27.08 1.39 0.00	28.13 1.44 0.00	29.13 1.78 0.00	30.26 2.08 0.00	35.83 2.69 0.00	37.31 2.88 -0.16	38.49 3.09 -0.23	41.97 3.43 -0.37	44.63 3.55 -2.04	51.83 3.46 -10.38	54.49 4.27 -4.34	58.96 4.96 -0.05	59.38 4.90 -0.02	52.31 4.19 0.00	46.15 3.46 0.00	44.06 3.41 -0.05	38.40 2.88 0.00	36.43 2.41 0.00
SWANROAD_115KV_TB1 355699	29.57 -1.59 0.00	25.68 -1.73 0.00	24.87 -1.93 0.00	23.95 -2.08 0.00	23.97 -1.94 0.00	23.26 -2.08 0.00	23.59 -2.11 0.00	24.76 -1.92 0.00	25.66 -1.70 0.00	25.92 -2.25 0.00	30.07 -3.08 0.00	32.15 -2.13 0.00	32.70 -2.46 0.00	35.49 -2.67 0.00	36.40 -2.89 -0.25	36.41 -3.00 -1.42	42.83 -3.67 -0.61	49.69 -4.26 0.00	50.37 -4.08 0.00	44.75 -3.37 0.00	40.00 -2.69 0.00	37.89 -2.72 0.00	33.85 -1.67 0.00	32.21 -1.80 0.00
SYNERGY___BIOGAS 323694	30.87 -0.28 0.00	26.78 -0.63 0.00	25.94 -0.86 0.00	25.05 -0.99 0.00	24.98 -0.93 0.00	24.32 -1.01 0.00	24.62 -1.08 0.00	25.97 -0.72 0.00	26.07 -1.29 0.00	27.19 -0.99 0.00	31.59 -1.56 0.00	32.94 -1.34 0.00	34.36 -0.81 0.00	37.25 -0.92 0.00	38.10 -1.17 -0.23	38.05 -1.25 -1.30	44.98 -1.47 -0.56	52.28 -1.67 0.00	52.71 -1.74 0.00	47.35 -0.77 0.00	41.92 -0.77 0.00	39.96 -0.65 0.00	35.49 -0.04 0.00	33.64 -0.37 0.00
SYRACUSE___ENERGY_ST1 323597	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
SYRACUSE___ENERGY_ST2 323598	31.19 0.03 0.00	27.38 -0.03 0.00	26.64 -0.16 0.00	25.88 -0.16 0.00	25.74 -0.18 0.00	25.21 -0.13 0.00	25.54 -0.15 0.00	26.63 -0.05 0.00	27.43 0.08 0.00	28.17 0.00 0.00	33.94 -0.07 -0.86	34.74 0.24 -0.22	35.63 0.25 -0.23	39.15 0.23 -0.75	40.05 0.12 -0.89	39.77 0.08 -1.70	47.42 0.09 -1.44	56.95 0.11 -2.89	57.81 0.16 -3.20	49.14 0.14 -0.87	43.86 0.17 -1.00	42.83 0.12 -2.10	36.43 0.25 -0.66	34.90 0.00 -0.89
SYRACUSE___POWER 24017	31.00 -0.16 0.00	27.22 -0.19 0.00	26.51 -0.29 0.00	25.72 -0.31 0.00	25.61 -0.31 0.00	25.05 -0.28 0.00	25.39 -0.31 0.00	26.47 -0.21 0.00	27.27 -0.08 0.00	28.00 -0.17 0.00	33.46 -0.27 -0.58	34.46 0.03 -0.15	35.35 0.04 -0.15	38.71 0.04 -0.51	39.60 -0.08 -0.64	39.25 -0.11 -1.37	46.82 -0.14 -1.07	55.73 -0.16 -1.94	56.50 -0.11 -2.15	48.61 -0.10 -0.59	43.27 -0.09 -0.67	41.94 -0.08 -1.42	36.00 0.04 -0.44	34.41 -0.20 -0.60
TALLMAN___138KV_BK151 55660	33.52 2.37 0.00	29.33 1.92 0.00	28.46 1.66 0.00	27.68 1.64 0.00	27.55 1.63 0.00	26.90 1.57 0.00	27.29 1.59 0.00	28.37 1.68 0.00	29.40 2.05 0.00	30.57 2.39 0.00	36.23 3.08 0.00	37.77 3.32 -0.17	38.99 3.59 -0.24	42.49 3.93 -0.40	45.23 4.06 -2.13	52.75 3.95 -10.80	55.26 4.86 -4.51	59.66 5.66 -0.05	60.09 5.61 -0.03	52.84 4.72 0.00	46.62 3.93 0.00	44.51 3.86 -0.05	38.79 3.27 0.00	36.80 2.79 0.00
TEALLAVE_115KV_TB7 355573	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.61 -0.31 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.27 -0.08 0.00	28.00 -0.17 0.00	33.35 -0.27 -0.47	34.43 0.03 -0.12	35.32 0.04 -0.12	38.58 0.00 -0.41	39.46 -0.12 -0.54	39.06 -0.15 -1.21	46.61 -0.18 -0.91	55.31 -0.22 -1.58	56.04 -0.16 -1.74	48.45 -0.14 -0.47	43.15 -0.09 -0.54	41.63 -0.12 -1.15	35.92 0.04 -0.36	34.33 -0.17 -0.49
TELGRAPH_34_KV_EAST 80808	30.38 -0.78 0.00	26.34 -1.07 0.00	25.51 -1.29 0.00	24.63 -1.41 0.00	24.60 -1.32 0.00	23.94 -1.39 0.00	24.21 -1.49 0.00	25.51 -1.17 0.00	26.42 -0.93 0.00	26.74 -1.44 0.00	31.06 -2.09 0.00	33.18 -1.10 0.00	33.79 -1.37 0.00	36.64 -1.53 0.00	37.56 -1.72 -0.23	37.52 -1.82 -1.35	44.17 -2.29 -0.58	51.30 -2.64 0.00	52.11 -2.34 0.00	46.20 -1.92 0.00	41.32 -1.37 0.00	39.14 -1.46 0.00	34.88 -0.64 0.00	33.09 -0.92 0.00
TEMPLE___115KV_TB 2 55572	31.03 -0.12 0.00	27.25 -0.16 0.00	26.51 -0.29 0.00	25.75 -0.29 0.00	25.63 -0.29 0.00	25.08 -0.25 0.00	25.41 -0.28 0.00	26.50 -0.19 0.00	27.30 -0.05 0.00	28.00 -0.17 0.00	33.35 -0.27 -0.47	34.43 0.03 -0.12	35.36 0.07 -0.12	38.61 0.04 -0.41	39.50 -0.08 -0.54	39.10 -0.11 -1.22	46.66 -0.14 -0.91	55.36 -0.16 -1.57	56.09 -0.11 -1.74	48.45 -0.14 -0.47	43.15 -0.09 -0.54	41.67 -0.08 -1.15	35.95 0.07 -0.36	34.33 -0.17 -0.49
TIANA___69_KV_BK 1 55817	44.08 3.71 -9.21	43.04 3.02 -12.61	42.53 2.68 -13.05	41.31 2.60 -12.67	38.18 2.59 -9.67	34.80 2.46 -7.01	30.94 2.49 -2.75	34.80 2.67 -5.45	41.62 3.15 -11.12	43.01 3.58 -11.26	45.63 4.71 -7.77	71.33 5.21 -31.85	62.67 5.42 -22.09	83.10 5.99 -38.95	132.30 6.13 -87.13	164.86 5.97 -120.90	197.38 7.30 -144.19	276.68 8.63 -214.10	174.20 8.66 -111.09	138.11 7.36 -82.62	63.37 6.10 -14.58	72.39 5.93 -25.86	48.76 4.83 -8.41	45.10 4.25 -6.84
TILDEN___115KV_TB1 80814	31.00 -0.16 0.00	27.22 -0.19 0.00	26.51 -0.29 0.00	25.72 -0.31 0.00	25.61 -0.31 0.00	25.05 -0.28 0.00	25.39 -0.31 0.00	26.47 -0.21 0.00	27.27 -0.08 0.00	28.00 -0.17 0.00	33.46 -0.27 -0.58	34.46 0.03 -0.15	35.35 0.04 -0.15	38.71 0.04 -0.51	39.60 -0.08 -0.64	39.25 -0.11 -1.37	46.82 -0.14 -1.07	55.73 -0.16 -1.94	56.50 -0.11 -2.15	48.61 -0.10 -0.59	43.27 -0.09 -0.67	41.94 -0.08 -1.42	36.00 0.04 -0.44	34.41 -0.20 -0.60
TRIGEN___CC 323695	43.39 3.02 -9.21	42.51 2.49 -12.61	42.07 2.22 -13.05	40.90 2.19 -12.67	37.77 2.18 -9.67	34.42 2.08 -7.01	30.58 2.13 -2.75	34.40 2.27 -5.45	41.13 2.65 -11.12	42.44 3.01 -11.26	44.73 3.81 -7.77	70.19 4.08 -31.84	61.62 4.36 -22.09	81.87 4.77 -38.94	131.04 4.88 -87.12	167.02 4.71 -124.31	195.85 5.78 -144.18	212.52 6.74 -151.83	172.23 6.70 -111.08	78.43 5.77 -24.54	62.08 4.82 -14.57	71.25 4.79 -25.85	48.01 4.08 -8.41	44.42 3.57 -6.84

TRINITY__115KV__4 BK 55933	31.93 0.78 0.00	28.15 0.74 0.00	27.42 0.62 0.00	26.74 0.70 0.00	26.62 0.70 0.00	25.99 0.66 0.00	26.29 0.59 0.00	27.19 0.51 0.00	28.12 0.77 0.00	29.05 0.87 0.00	34.18 1.03 0.00	35.20 1.10 0.17	36.19 1.27 0.24	39.16 1.37 0.39	42.17 1.41 -1.72	50.70 1.33 -11.37	52.52 1.61 -5.02	55.73 1.83 0.05	56.23 1.80 0.03	49.71 1.59 0.00	44.01 1.32 0.00	41.94 1.38 0.05	36.69 1.17 0.00	34.86 0.85 0.00
UNION__PROCESSING_DRP 323587	30.60 -0.56 0.00	26.67 -0.74 0.00	25.89 -0.91 0.00	25.12 -0.91 0.00	24.98 -0.93 0.00	24.42 -0.91 0.00	24.69 -1.00 0.00	25.99 -0.69 0.00	26.86 -0.49 0.00	27.38 -0.79 0.00	31.96 -1.19 0.00	33.79 -0.48 0.00	34.53 -0.63 0.00	37.44 -0.73 0.00	38.57 -0.66 -0.19	38.44 -0.68 -1.12	45.41 -0.96 -0.48	52.55 -1.40 0.00	53.31 -1.14 0.00	47.06 -1.06 0.00	42.05 -0.64 0.00	39.88 -0.73 0.00	35.24 -0.28 0.00	33.43 -0.58 0.00
UPPER HUDSON__HYD 24058	32.96 1.81 0.00	28.97 1.56 0.00	28.09 1.29 0.00	27.29 1.25 0.00	27.19 1.27 0.00	26.55 1.22 0.00	26.93 1.23 0.00	27.91 1.23 0.00	28.91 1.56 0.00	30.03 1.86 0.00	35.14 1.99 0.00	36.19 2.09 0.18	37.09 2.18 0.26	40.00 2.25 0.41	43.11 2.30 -1.76	52.03 2.32 -11.71	54.05 2.98 -5.18	57.62 3.72 0.05	58.51 4.09 0.03	51.78 3.66 0.00	45.76 3.08 0.00	43.48 2.93 0.05	37.94 2.42 0.00	35.92 1.90 0.00
UPPER RAQUET__HYD 24056	30.16 -1.00 0.00	26.67 -0.74 0.00	26.24 -0.56 0.00	25.44 -0.60 0.00	25.29 -0.62 0.00	24.73 -0.61 0.00	25.18 -0.51 0.00	26.05 -0.64 0.00	26.64 -0.71 0.00	27.16 -1.01 0.00	31.97 -1.33 -0.14	32.84 -1.47 -0.04	33.34 -1.86 -0.04	36.31 -1.99 -0.13	37.18 -1.99 -0.12	36.27 -1.86 -0.13	43.86 -2.20 -0.18	52.06 -2.37 -0.48	52.59 -2.39 -0.53	46.25 -2.02 -0.15	41.36 -1.50 -0.17	39.29 -1.67 -0.35	34.03 -1.60 -0.11	33.04 -1.12 -0.15
VALLEY44_115KV_TB2 355964	30.81 -0.34 0.00	26.73 -0.69 0.00	25.86 -0.94 0.00	25.07 -0.96 0.00	24.85 -1.06 0.00	24.32 -1.01 0.00	24.49 -1.21 0.00	25.78 -0.91 0.00	26.67 -0.68 0.00	27.24 -0.93 0.00	31.76 -1.39 0.00	33.69 -0.58 0.00	34.39 -0.77 0.00	37.29 -0.88 0.00	36.88 -2.46 -0.30	37.18 -2.55 -1.73	43.70 -2.94 -0.75	52.60 -1.35 0.00	53.15 -1.31 0.00	47.26 -0.87 0.00	41.92 -0.77 0.00	39.79 -0.81 0.00	35.45 -0.07 0.00	33.71 -0.31 0.00
VALLEY__115KV_TB 1-4 80826	31.50 0.34 0.00	27.68 0.27 0.00	27.02 0.21 0.00	26.22 0.18 0.00	26.10 0.18 0.00	25.49 0.15 0.00	25.82 0.13 0.00	26.79 0.11 0.00	27.54 0.19 0.00	28.40 0.23 0.00	33.38 0.23 0.00	34.48 0.21 0.00	35.45 0.28 0.00	38.47 0.31 0.00	39.35 0.31 0.00	38.26 0.27 0.00	46.21 0.32 0.00	54.38 0.43 0.00	54.95 0.49 0.00	48.60 0.48 0.00	43.11 0.43 0.00	41.09 0.49 0.00	35.88 0.36 0.00	34.25 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.12 1.96 0.00	29.03 1.62 0.00	28.22 1.42 0.00	27.39 1.35 0.00	27.26 1.35 0.00	26.68 1.34 0.00	27.08 1.39 0.00	28.21 1.52 0.00	29.16 1.81 0.00	30.15 1.97 0.00	35.61 2.32 -0.15	36.92 2.60 -0.04	37.98 2.78 -0.04	41.27 2.98 -0.13	42.84 2.97 -0.83	45.04 2.85 -4.19	51.25 3.44 -1.92	58.65 4.21 -0.49	59.24 4.25 -0.54	51.88 3.61 -0.15	45.97 3.12 -0.17	43.93 2.96 -0.36	38.15 2.52 -0.11	36.31 2.14 -0.15
VISCHER__FERRY HYD 24020	32.46 1.31 0.00	28.51 1.10 0.00	27.79 0.99 0.00	27.03 0.99 0.00	26.95 1.04 0.00	26.32 0.99 0.00	26.65 0.95 0.00	27.57 0.88 0.00	28.39 1.04 0.00	29.44 1.27 0.00	34.71 1.56 0.00	35.64 1.61 0.24	36.65 1.83 0.34	39.59 1.98 0.56	42.61 2.03 -1.54	50.91 1.97 -10.94	53.17 2.38 -4.90	56.74 2.86 0.07	57.36 2.94 0.04	50.62 2.50 0.00	44.91 2.22 0.00	42.61 2.07 0.07	37.30 1.78 0.00	35.44 1.43 0.00
V_A_10_SYNC_DSASP 323832	29.82 -1.34 0.00	25.96 -1.45 0.00	25.19 -1.61 0.00	24.45 -1.59 0.00	24.28 -1.63 0.00	23.76 -1.57 0.00	23.97 -1.72 0.00	25.27 -1.42 0.00	25.44 -1.92 0.00	26.54 -1.63 0.00	30.86 -2.29 0.00	32.08 -2.19 0.00	33.44 -1.72 0.00	36.26 -1.91 0.00	37.39 -1.87 -0.22	37.36 -1.90 -1.27	44.10 -2.34 -0.54	50.82 -3.13 0.00	51.08 -3.38 0.00	45.91 -2.21 0.00	40.60 -2.09 0.00	38.66 -1.95 0.00	34.38 -1.14 0.00	32.69 -1.33 0.00
V_CMM_10_SYNC_DSASP 323787	30.38 -0.78 0.00	26.86 -0.55 0.00	26.43 -0.38 0.00	25.65 -0.39 0.00	25.50 -0.42 0.00	24.93 -0.41 0.00	25.36 -0.33 0.00	26.29 -0.40 0.00	26.89 -0.47 0.00	27.44 -0.73 0.00	32.22 -0.93 0.00	33.25 -1.03 0.00	33.76 -1.41 0.00	36.64 -1.53 0.00	37.56 -1.48 0.00	36.59 -1.41 0.00	44.19 -1.70 0.00	51.90 -2.05 0.00	52.33 -2.12 0.00	46.34 -1.78 0.00	41.28 -1.41 0.00	39.10 -1.50 0.00	34.17 -1.35 0.00	33.13 -0.88 0.00
V_CMP_10_SYNC_DSASP 323788	30.91 -0.25 0.00	27.33 -0.08 0.00	26.88 0.08 0.00	26.09 0.05 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.72 0.03 0.00	26.63 -0.05 0.00	27.19 -0.16 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.49 -0.79 0.00	33.97 -1.20 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.42 -1.47 0.00	52.33 -1.62 0.00	52.77 -1.69 0.00	46.87 -1.25 0.00	41.96 -0.73 0.00	39.63 -0.97 0.00	34.63 -0.89 0.00	33.61 -0.41 0.00
V_D_10_SYNC_DSASP 323841	30.32 -0.84 0.00	26.83 -0.58 0.00	26.40 -0.40 0.00	25.62 -0.42 0.00	25.45 -0.47 0.00	24.88 -0.46 0.00	25.36 -0.33 0.00	26.23 -0.45 0.00	26.83 -0.52 0.00	27.38 -0.79 0.00	32.12 -1.03 0.00	33.14 -1.13 0.00	33.62 -1.55 0.00	36.56 -1.60 0.00	37.44 -1.60 0.00	36.51 -1.48 0.00	44.10 -1.79 0.00	51.84 -2.10 0.00	52.22 -2.24 0.00	46.24 -1.88 0.00	41.28 -1.41 0.00	39.06 -1.54 0.00	34.10 -1.42 0.00	33.06 -0.95 0.00
V_E_10_SYNC_DSASP 323830	34.12 2.96 0.00	29.79 2.38 0.00	28.81 2.01 0.00	27.91 1.88 0.00	27.81 1.89 0.00	27.26 1.92 0.00	27.65 1.95 0.00	28.74 2.06 0.00	29.19 1.83 0.00	30.31 2.14 0.00	35.74 2.26 -0.33	36.83 2.47 -0.09	38.14 2.88 -0.09	41.51 3.05 -0.29	42.76 2.93 -0.79	44.12 2.89 -3.24	51.23 3.67 -1.67	59.93 4.86 -1.12	60.98 5.28 -1.24	53.13 4.67 -0.34	47.22 4.14 -0.39	45.36 3.94 -0.82	39.22 3.44 -0.26	37.25 2.89 -0.35
V_F_30_NSYNC__DSASP 323816	33.03 1.87 0.00	28.97 1.56 0.00	28.17 1.37 0.00	27.39 1.35 0.00	27.29 1.37 0.00	26.65 1.32 0.00	26.98 1.28 0.00	27.97 1.28 0.00	28.86 1.50 0.00	29.95 1.78 0.00	35.24 2.09 0.00	36.28 2.20 0.19	37.32 2.42 0.27	40.29 2.56 0.44	43.39 2.62 -1.73	52.17 2.59 -11.59	54.15 3.12 -5.14	57.67 3.78 0.06	58.35 3.92 0.03	51.59 3.47 0.00	45.68 2.99 0.00	43.39 2.84 0.05	37.94 2.42 0.00	35.98 1.97 0.00
V_F_30_SYNC_DSASP 323786	32.09 0.93 0.00	28.29 0.88 0.00	27.52 0.72 0.00	26.84 0.81 0.00	26.72 0.80 0.00	26.07 0.73 0.00	26.39 0.69 0.00	27.30 0.61 0.00	28.23 0.88 0.00	29.19 1.01 0.00	34.34 1.19 0.00	35.41 1.30 0.17	36.40 1.48 0.24	39.34 1.56 0.39	42.37 1.60 -1.73	51.00 1.56 -11.45	52.78 1.84 -5.06	56.06 2.16 0.05	56.50 2.07 0.03	49.95 1.83 0.00	44.22 1.54 0.00	42.14 1.58 0.05	36.87 1.35 0.00	35.03 1.02 0.00

V_XM10_SYNC_DSASP 323789	30.91 -0.25 0.00	27.33 -0.08 0.00	26.88 0.08 0.00	26.09 0.05 0.00	25.89 -0.03 0.00	25.28 -0.05 0.00	25.72 0.03 0.00	26.63 -0.05 0.00	27.19 -0.16 0.00	27.78 -0.39 0.00	32.49 -0.66 0.00	33.49 -0.79 0.00	33.97 -1.20 0.00	36.87 -1.30 0.00	37.71 -1.33 0.00	36.78 -1.22 0.00	44.42 -1.47 0.00	52.33 -1.62 0.00	52.77 -1.69 0.00	46.87 -1.25 0.00	41.96 -0.73 0.00	39.63 -0.97 0.00	34.63 -0.89 0.00	33.61 -0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.65 2.49 0.00	29.44 2.03 0.00	28.57 1.77 0.00	27.78 1.74 0.00	27.65 1.74 0.00	26.98 1.65 0.00	27.39 1.70 0.00	28.47 1.79 0.00	29.51 2.16 0.00	30.68 2.51 0.00	36.36 3.22 0.00	37.91 3.46 -0.17	39.14 3.73 -0.25	42.69 4.12 -0.40	45.45 4.26 -2.15	53.00 4.10 -10.90	55.53 5.09 -4.55	59.93 5.93 -0.05	60.31 5.83 -0.03	53.08 4.96 0.00	46.79 4.10 0.00	44.72 4.06 -0.05	38.93 3.41 0.00	36.94 2.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.96 2.80 0.00	29.74 2.33 0.00	28.84 2.04 0.00	28.04 2.00 0.00	27.91 2.00 0.00	27.23 1.90 0.00	27.67 1.98 0.00	28.82 2.13 0.00	29.87 2.52 0.00	31.05 2.87 0.00	38.89 3.65 -2.10	43.84 3.94 -5.62	46.44 4.22 -7.06	49.86 4.62 -7.08	52.51 4.72 -8.75	54.04 4.56 -11.48	57.84 5.55 -6.40	60.48 6.47 -0.06	60.86 6.37 -0.03	53.61 5.49 0.00	47.26 4.57 0.00	45.25 4.59 -0.06	39.39 3.87 0.00	37.41 3.40 0.00
W50THST__13_KV_LOAD 356117	34.12 2.96 0.00	29.90 2.49 0.00	29.03 2.22 0.00	28.20 2.16 0.00	28.09 2.18 0.00	27.41 2.08 0.00	27.85 2.16 0.00	29.01 2.32 0.00	30.09 2.74 0.00	31.19 3.01 0.00	39.09 3.85 -2.10	44.04 4.15 -5.62	46.69 4.47 -7.06	50.13 4.89 -7.08	52.79 5.00 -8.75	54.31 4.83 -11.48	58.20 5.92 -6.40	60.91 6.91 -0.06	61.29 6.81 -0.03	53.99 5.87 0.00	47.60 4.91 0.00	45.49 4.83 -0.06	39.64 4.12 0.00	37.58 3.57 0.00
WADING RIVER_IC_1 23522	43.58 3.21 -9.21	42.60 2.58 -12.61	42.18 2.33 -13.05	40.97 2.26 -12.67	37.84 2.25 -9.67	34.50 2.15 -7.01	30.61 2.16 -2.75	34.45 2.32 -5.45	40.99 2.51 -11.12	42.55 3.13 -11.26	44.97 4.04 -7.78	70.41 4.28 -31.85	61.93 4.68 -22.09	82.26 5.15 -38.95	131.48 5.31 -87.13	164.02 5.13 -120.89	196.42 6.33 -144.19	275.36 7.50 -213.91	173.11 7.57 -111.09	136.97 6.40 -82.44	62.65 5.38 -14.58	71.66 5.20 -25.86	48.19 4.26 -8.41	44.63 3.78 -6.84
WADING RIVER_IC_2 23547	43.58 3.21 -9.21	42.60 2.58 -12.61	42.18 2.33 -13.05	40.97 2.26 -12.67	37.84 2.25 -9.67	34.50 2.15 -7.01	30.61 2.16 -2.75	34.45 2.32 -5.45	40.99 2.51 -11.12	42.55 3.13 -11.26	44.97 4.04 -7.78	70.41 4.28 -31.85	61.93 4.68 -22.09	82.26 5.15 -38.95	131.48 5.31 -87.13	164.02 5.13 -120.89	196.42 6.33 -144.19	275.36 7.50 -213.91	173.11 7.57 -111.09	136.97 6.40 -82.44	62.65 5.38 -14.58	71.66 5.20 -25.86	48.19 4.26 -8.41	44.63 3.78 -6.84
WADING RIVER_IC_3 23601	43.58 3.21 -9.21	42.60 2.58 -12.61	42.18 2.33 -13.05	40.97 2.26 -12.67	37.84 2.25 -9.67	34.50 2.15 -7.01	30.61 2.16 -2.75	34.45 2.32 -5.45	40.99 2.51 -11.12	42.55 3.13 -11.26	44.97 4.04 -7.78	70.41 4.28 -31.85	61.93 4.68 -22.09	82.26 5.15 -38.95	131.48 5.31 -87.13	164.02 5.13 -120.89	196.42 6.33 -144.19	275.36 7.50 -213.91	173.11 7.57 -111.09	136.97 6.40 -82.44	62.65 5.38 -14.58	71.66 5.20 -25.86	48.19 4.26 -8.41	44.63 3.78 -6.84
WALDENNY_12_KV_BK2 80841	30.47 -0.69 0.00	26.42 -0.99 0.00	25.59 -1.21 0.00	24.79 -1.25 0.00	24.65 -1.27 0.00	24.04 -1.29 0.00	24.26 -1.44 0.00	25.57 -1.12 0.00	26.50 -0.85 0.00	26.88 -1.30 0.00	31.23 -1.92 0.00	33.38 -0.89 0.00	34.00 -1.16 0.00	36.91 -1.26 0.00	37.47 -1.83 -0.27	37.56 -1.98 -1.54	44.12 -2.43 -0.66	51.68 -2.27 0.00	52.33 -2.12 0.00	46.53 -1.59 0.00	41.49 -1.20 0.00	39.31 -1.30 0.00	35.09 -0.43 0.00	33.37 -0.65 0.00
WALDEN__HYDRO 24148	33.40 2.24 0.00	29.25 1.84 0.00	28.38 1.58 0.00	27.62 1.59 0.00	27.50 1.58 0.00	26.83 1.49 0.00	27.21 1.52 0.00	28.26 1.57 0.00	29.27 1.91 0.00	30.37 2.20 0.00	36.00 2.85 0.00	37.50 3.08 -0.15	38.68 3.31 -0.21	42.17 3.66 -0.34	44.94 3.83 -2.08	52.40 3.69 -10.72	54.97 4.59 -4.49	59.39 5.39 -0.04	59.81 5.34 -0.02	52.64 4.52 0.00	46.44 3.76 0.00	44.38 3.74 -0.04	38.61 3.09 0.00	36.63 2.62 0.00
WARRENSBURG____ 23737	32.96 1.81 0.00	28.97 1.56 0.00	28.09 1.29 0.00	27.29 1.25 0.00	27.19 1.27 0.00	26.55 1.22 0.00	26.93 1.23 0.00	27.91 1.23 0.00	28.91 1.56 0.00	30.03 1.86 0.00	35.14 1.99 0.00	36.19 2.09 0.18	37.09 2.18 0.26	40.00 2.25 0.41	43.11 2.30 -1.76	52.03 2.32 -11.71	54.05 2.98 -5.18	57.62 3.72 0.05	58.51 4.09 0.03	51.78 3.66 0.00	45.76 3.08 0.00	43.48 2.93 0.05	37.94 2.42 0.00	35.92 1.90 0.00
WATERSIDE____6 8 9 23538	34.08 2.93 0.01	29.80 2.38 -0.01	28.90 2.09 -0.01	28.10 2.06 -0.01	28.00 2.07 -0.01	27.32 1.98 -0.01	27.73 2.03 -0.01	28.85 2.16 -0.01	29.93 2.57 -0.01	27.92 2.96 3.21	37.33 3.71 -0.47	38.61 4.04 -0.29	41.58 4.25 -2.16	45.52 4.66 -2.70	49.21 4.80 -5.37	50.30 4.56 -7.74	54.50 5.37 -3.24	60.15 6.15 -0.05	60.58 6.10 -0.02	53.50 5.39 0.01	47.29 4.61 0.01	45.36 4.71 -0.05	39.53 4.01 0.01	35.31 3.50 2.20
WATKINRD_115KV_LN8_ILLION 55919	31.47 0.31 0.00	27.66 0.25 0.00	26.99 0.19 0.00	26.22 0.18 0.00	26.10 0.18 0.00	25.49 0.15 0.00	25.85 0.15 0.00	26.82 0.13 0.00	27.57 0.22 0.00	28.40 0.23 0.00	33.41 0.27 0.00	34.58 0.31 0.00	35.52 0.35 0.00	38.55 0.38 0.00	39.43 0.39 0.00	38.34 0.34 0.00	46.30 0.41 0.00	54.54 0.59 0.00	55.11 0.65 0.00	48.70 0.58 0.00	43.20 0.51 0.00	41.09 0.49 0.00	35.91 0.39 0.00	34.29 0.27 0.00
WATSON__69_KV_BK 1 55734	44.23 3.86 -9.21	43.20 3.18 -12.61	42.69 2.84 -13.05	41.49 2.79 -12.67	38.34 2.75 -9.67	35.00 2.66 -7.01	31.15 2.70 -2.75	34.99 2.86 -5.45	41.76 3.28 -11.12	43.09 3.66 -11.26	45.56 4.64 -7.77	71.12 5.00 -31.84	62.53 5.27 -22.09	82.83 5.72 -38.94	132.06 5.90 -87.12	164.78 5.70 -121.08	197.10 7.02 -144.19	245.40 8.25 -183.20	173.82 8.28 -111.08	109.04 7.12 -53.80	63.24 5.98 -14.58	72.31 5.85 -25.85	48.92 4.97 -8.42	45.31 4.46 -6.84
WDELAWARE__HYD 323627	33.09 1.93 0.00	28.92 1.51 0.00	28.06 1.26 0.00	27.29 1.25 0.00	27.16 1.24 0.00	26.50 1.17 0.00	26.90 1.21 0.00	27.91 1.23 0.00	28.72 1.37 0.00	29.22 1.04 0.00	34.64 1.49 0.00	35.93 1.54 -0.11	37.18 1.86 -0.16	40.55 2.14 -0.25	43.15 2.26 -1.84	49.89 2.20 -9.69	52.82 2.85 -4.08	57.38 3.40 -0.03	57.96 3.49 -0.02	50.96 2.84 0.00	44.99 2.30 0.00	43.93 3.29 -0.03	38.19 2.67 0.00	36.19 2.18 0.00
WEST BABYLON__IC 23714	44.08 3.71 -9.21	43.06 3.04 -12.61	42.58 2.73 -13.05	41.39 2.68 -12.67	38.23 2.64 -9.67	34.90 2.56 -7.01	31.05 2.60 -2.75	34.88 2.75 -5.45	41.62 3.15 -11.12	42.95 3.52 -11.26	45.36 4.44 -7.77	70.95 4.83 -31.84	62.35 5.10 -22.09	82.64 5.53 -38.94	131.86 5.70 -87.12	164.99 5.55 -121.44	196.91 6.84 -144.18	221.46 8.04 -159.47	173.60 8.06 -111.08	86.72 6.93 -31.67	63.07 5.81 -14.57	72.14 5.68 -25.85	48.76 4.83 -8.41	45.17 4.32 -6.84

WEST CANADA___HYD 24049	31.40 0.25 0.00	27.60 0.19 0.00	26.94 0.13 0.00	26.17 0.13 0.00	26.07 0.16 0.00	25.49 0.15 0.00	25.82 0.13 0.00	26.82 0.13 0.00	27.49 0.14 0.00	28.40 0.22 0.00	33.41 0.26 0.00	34.55 0.27 0.00	35.55 0.39 0.00	38.59 0.42 0.00	39.47 0.43 0.00	38.38 0.38 0.00	46.40 0.51 0.00	54.54 0.59 0.00	55.11 0.66 0.00	48.65 0.53 0.00	43.16 0.47 0.00	41.05 0.45 0.00	35.91 0.39 0.00	34.28 0.27 0.00
WESTERN_NY_WIND 24143	30.81 -0.34 0.00	26.73 -0.69 0.00	25.89 -0.91 0.00	25.02 -1.02 0.00	24.93 -0.98 0.00	24.29 -1.04 0.00	24.57 -1.13 0.00	25.91 -0.77 0.00	26.81 -0.55 0.00	27.13 -1.04 0.00	31.52 -1.62 0.00	33.66 -0.62 0.00	34.28 -0.88 0.00	37.17 -0.99 0.00	38.14 -1.13 -0.23	38.06 -1.25 -1.32	44.90 -1.56 -0.57	52.17 -1.78 0.00	53.09 -1.36 0.00	47.01 -1.11 0.00	42.09 -0.60 0.00	39.88 -0.73 0.00	35.45 -0.07 0.00	33.57 -0.44 0.00
WESTOVER___LESR 323668	31.62 0.47 0.00	27.66 0.25 0.00	26.85 0.05 0.00	26.09 0.05 0.00	25.94 0.03 0.00	25.38 0.05 0.00	25.70 0.00 0.00	26.82 0.13 0.00	27.65 0.30 0.00	28.43 0.25 0.00	33.67 0.20 -0.32	34.97 0.62 -0.08	35.88 0.63 -0.08	39.09 0.65 -0.28	40.22 0.39 -0.79	41.62 0.34 -3.29	48.02 0.46 -1.67	55.88 0.86 -1.07	56.62 0.98 -1.18	49.36 0.91 -0.32	43.87 0.81 -0.37	42.12 0.73 -0.78	36.58 0.82 -0.24	34.89 0.54 -0.33
WETHRSFD_WT_PWR 323626	30.53 -0.62 0.00	26.51 -0.90 0.00	25.62 -1.18 0.00	24.81 -1.22 0.00	24.62 -1.30 0.00	24.09 -1.24 0.00	24.26 -1.44 0.00	25.54 -1.15 0.00	25.71 -1.64 0.00	26.85 -1.32 0.00	31.22 -1.92 0.00	32.49 -1.78 0.00	33.86 -1.30 0.00	36.68 -1.49 0.00	37.31 -2.03 -0.30	37.60 -2.13 -1.73	44.20 -2.43 -0.74	51.52 -2.43 0.00	51.84 -2.61 0.00	46.63 -1.49 0.00	41.19 -1.50 0.00	39.31 -1.30 0.00	35.10 -0.42 0.00	33.33 -0.68 0.00
WHAVSTOR_138KV_BK127 55557	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.68 1.64 0.00	27.52 1.61 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.37 1.68 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.16 3.02 0.00	37.71 3.26 -0.18	38.93 3.52 -0.25	42.43 3.85 -0.40	45.18 3.98 -2.15	52.79 3.88 -10.92	55.22 4.77 -4.55	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.53 3.84 0.00	44.47 3.82 -0.05	38.75 3.23 0.00	36.77 2.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.46 2.31 0.00	29.30 1.89 0.00	28.44 1.63 0.00	27.68 1.64 0.00	27.52 1.61 0.00	26.88 1.55 0.00	27.26 1.57 0.00	28.37 1.68 0.00	29.38 2.02 0.00	30.54 2.37 0.00	36.16 3.02 -0.18	37.71 3.26 -0.25	38.93 3.52 -0.40	42.43 3.85 -0.40	45.18 3.98 -2.15	52.79 3.88 -10.92	55.22 4.77 -4.55	59.56 5.56 -0.05	59.98 5.50 -0.03	52.79 4.67 0.00	46.53 3.84 0.00	44.47 3.82 -0.05	38.75 3.23 0.00	36.77 2.76 0.00
WHITEHAL_115KV_TB1 80871	33.90 2.74 0.00	29.77 2.36 0.00	28.78 1.98 0.00	27.94 1.90 0.00	27.83 1.92 0.00	27.18 1.85 0.00	27.57 1.88 0.00	28.58 1.89 0.00	29.84 2.49 0.00	30.85 2.68 0.00	36.13 2.98 0.18	37.35 3.26 0.26	38.24 3.34 0.42	41.18 3.43 0.42	44.26 3.47 -1.75	53.19 3.53 -11.66	55.36 4.31 -5.16	59.34 5.45 0.05	60.20 5.77 0.03	53.37 5.25 0.00	47.13 4.44 0.00	44.78 4.22 0.05	39.04 3.52 0.00	36.87 2.86 0.00
WHITEPLN_13_KV_LOAD 356215	34.08 2.93 0.00	29.80 2.38 0.00	28.94 2.14 0.00	28.15 2.11 0.00	28.02 2.10 0.00	27.33 2.00 0.00	27.75 2.06 0.00	28.87 2.19 0.00	29.95 2.60 0.00	31.16 2.99 0.00	36.93 3.78 -0.19	38.54 4.08 -7.06	46.62 4.40 -7.07	50.08 4.85 -8.74	52.74 4.96 -11.45	54.27 4.83 -6.38	58.42 6.15 -0.06	61.23 7.23 -0.06	61.62 7.13 -0.03	54.18 6.06 0.00	47.60 4.91 0.00	45.41 4.75 -0.05	39.50 3.98 0.00	37.45 3.44 0.00
WM_FLOYD_69_KV_BK2 356380	43.92 3.55 -9.21	42.93 2.91 -12.61	42.42 2.57 -13.05	41.23 2.53 -12.67	38.10 2.51 -9.67	34.72 2.38 -7.01	30.87 2.42 -2.75	34.69 2.56 -5.45	41.46 2.98 -11.12	42.78 3.35 -11.26	45.23 4.31 -7.77	70.82 4.70 -31.85	62.18 4.92 -22.09	82.53 5.42 -38.95	131.75 5.58 -87.13	164.30 5.40 -120.91	196.74 6.65 -144.19	276.98 7.88 -215.16	173.44 7.90 -111.09	138.51 6.79 -83.61	62.95 5.68 -14.58	72.03 5.56 -25.86	48.55 4.62 -8.41	44.97 4.12 -6.84
WOODARD__115KV_TB2 355635	30.97 -0.19 0.00	27.22 -0.19 0.00	26.48 -0.32 0.00	25.72 -0.31 0.00	25.61 -0.31 0.00	25.05 -0.28 0.00	25.39 -0.31 0.00	26.47 -0.21 0.00	27.24 -0.11 0.00	27.98 -0.20 0.00	33.47 -0.30 -0.62	34.40 -0.03 -0.16	35.33 0.00 -0.16	38.67 -0.04 -0.54	39.56 -0.16 -0.67	39.19 -0.19 -1.38	46.76 -0.23 -1.10	55.77 -0.27 -2.09	56.55 -0.22 -2.31	48.56 -0.19 -0.63	43.28 -0.13 -0.72	41.97 -0.16 -1.52	36.00 0.00 -0.48	34.42 -0.24 -0.64
YORK___WARBASSE 23770	34.38 3.12 -0.11	29.97 2.55 -0.01	29.09 2.28 -0.01	28.28 2.24 -0.01	28.15 2.23 -0.01	27.47 2.13 -0.01	27.86 2.16 -0.01	28.99 2.30 -0.01	30.07 2.71 -0.01	60.08 3.13 -28.78	51.75 3.91 -14.69	84.52 4.28 -45.96	81.10 4.50 -41.44	80.87 4.96 -37.74	76.51 5.08 -32.39	80.56 4.86 -37.70	80.11 5.74 -28.49	80.20 6.58 -19.67	76.64 6.48 -15.71	76.69 5.77 -22.80	76.65 4.91 -29.05	76.73 5.04 -31.09	64.07 4.30 -24.25	53.25 3.74 -15.49