



ALBANY___2 23572	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.77 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.55 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.65 0.76 -0.60	36.27 0.68 -4.28	41.75 0.56 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.75 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
ALBANY___3 23573	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.77 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.55 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.65 0.76 -0.60	36.27 0.68 -4.28	41.75 0.56 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.75 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
ALBANY___4 23574	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.77 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.55 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.65 0.76 -0.60	36.27 0.68 -4.28	41.75 0.56 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.75 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
ALBANY___LFGE 323615	63.51 1.47 0.00	60.64 1.45 0.00	62.19 1.32 0.00	56.66 1.25 0.00	48.52 1.02 0.00	44.61 0.92 0.00	41.50 0.92 -1.64	36.40 0.82 -2.74	29.72 0.70 -0.63	28.46 0.83 -0.24	29.86 0.86 -1.46	37.98 1.13 -0.25	37.03 1.15 -0.59	36.63 1.02 -4.30	42.17 0.87 -12.94	39.40 1.12 -1.67	45.92 1.26 -4.52	54.79 1.22 -13.11	53.04 1.22 -11.79	43.22 1.09 -4.78	43.75 1.20 -3.30	40.27 1.16 -0.52	57.17 1.22 -16.26	51.02 1.16 -8.66
ALCOA_PA_115KV_PL-6C 55860	60.40 -1.63 0.00	57.79 -1.40 0.00	59.95 -0.92 0.00	54.18 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.46 0.00	37.56 -1.40 -0.01	31.43 -1.40 0.00	27.35 -1.03 0.00	26.44 -0.95 0.00	26.52 -1.02 0.00	35.91 -0.70 0.00	34.35 -0.94 0.00	30.23 -1.12 -0.05	27.62 -0.89 -0.16	35.46 -1.18 -0.02	38.69 -1.48 -0.04	38.50 -2.06 -0.10	37.60 -2.43 0.00	35.16 -2.19 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.52 -1.17 0.00	39.80 -1.40 0.00
ALCOA_RYNLDS___DRP 24188	60.40 -1.63 0.00	57.79 -1.40 0.00	59.95 -0.92 0.00	54.18 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.46 0.00	37.56 -1.40 -0.01	31.43 -1.40 0.00	27.35 -1.03 0.00	26.44 -0.95 0.00	26.52 -1.02 0.00	35.91 -0.70 0.00	34.35 -0.94 0.00	30.23 -1.12 -0.05	27.62 -0.89 -0.16	35.46 -1.18 -0.02	38.69 -1.48 -0.04	38.50 -2.06 -0.10	37.60 -2.43 0.00	35.16 -2.19 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.52 -1.17 0.00	39.80 -1.40 0.00
ALCOA___DSASP 323711	60.41 -1.63 0.00	57.79 -1.40 0.00	59.95 -0.92 0.00	54.19 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.46 0.00	37.56 -1.40 -0.01	31.43 -1.41 0.00	27.35 -1.03 0.00	26.45 -0.95 0.00	26.52 -1.02 0.00	35.91 -0.69 0.00	34.35 -0.94 0.00	30.23 -1.13 -0.05	27.63 -0.88 -0.16	35.46 -1.18 -0.02	38.69 -1.49 -0.04	38.50 -2.07 -0.10	37.60 -2.43 0.00	35.19 -2.16 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.52 -1.18 0.00	39.80 -1.40 0.00
ALLEGHENY___COGEN 23514	62.62 0.58 0.00	59.51 0.33 0.00	61.49 0.62 0.00	56.05 0.64 0.00	47.84 0.33 0.00	43.99 0.30 0.00	39.15 0.10 -0.10	32.64 -0.20 0.00	28.38 0.00 0.00	24.78 -0.19 2.42	27.13 -0.41 0.00	36.08 -0.52 0.00	34.64 -0.65 0.00	45.09 -0.75 -14.54	38.56 -0.91 -11.13	35.95 -0.89 -0.22	40.41 -0.50 -0.77	46.52 -0.13 -6.19	57.26 -0.09 -17.32	64.29 -0.24 -27.18	60.44 -0.21 -21.39	38.82 -0.40 -0.63	41.36 -0.35 -2.02	41.95 -0.38 -1.13
ALTAMONT_115KV_TB 2 55880	63.43 1.38 0.00	60.55 1.36 0.00	62.17 1.30 0.00	56.62 1.22 0.00	48.56 1.06 0.00	44.70 1.01 0.00	41.56 1.00 -1.61	36.40 0.89 -2.68	29.74 0.74 -0.62	28.39 0.76 -0.24	29.76 0.79 -1.43	37.88 1.02 -0.24	36.91 1.04 -0.58	36.50 0.94 -4.26	42.02 0.85 -12.82	39.36 1.09 -1.65	45.84 1.23 -4.47	54.61 1.22 -12.93	52.87 1.21 -11.63	43.16 1.10 -4.70	43.72 1.19 -3.27	40.25 1.16 -0.51	57.01 1.22 -16.09	51.00 1.21 -8.58
ALTONA_WT_PWR 323606	59.51 -2.53 0.00	57.13 -2.05 0.00	59.37 -1.51 0.00	53.82 -1.59 0.00	45.61 -1.89 0.00	42.00 -1.70 0.00	37.48 -1.48 0.00	31.40 -1.44 0.00	27.27 -1.11 0.00	26.36 -1.03 0.00	26.33 -1.21 0.00	35.80 -0.81 0.00	34.29 -1.01 0.00	30.26 -1.05 0.00	27.57 -0.79 0.00	35.49 -1.13 0.00	38.50 -1.63 0.00	38.21 -2.26 0.00	37.44 -2.59 0.00	35.11 -2.24 0.00	37.11 -2.14 0.00	36.65 -1.93 0.00	38.41 -1.28 0.00	39.54 -1.67 0.00
AMERICAN_REF_FUEL 24010	58.33 -3.71 0.00	55.52 -3.66 0.00	57.67 -3.20 0.00	52.45 -2.96 0.00	44.61 -2.89 0.00	41.01 -2.69 0.00	36.17 -2.87 -0.09	29.95 -2.89 0.00	26.17 -2.21 0.00	23.67 -2.24 1.49	24.93 -2.61 0.00	33.12 -3.48 0.00	31.74 -3.56 0.00	24.92 -3.17 3.22	24.00 -3.21 1.15	32.66 -4.15 -0.19	35.93 -4.61 -0.40	35.81 -4.27 0.38	32.63 -4.04 3.36	26.17 -3.71 7.47	30.39 -3.82 5.06	34.36 -4.07 0.16	37.62 -3.83 -1.76	38.17 -4.02 -0.99
ARKWRIGHT___SUMMIT_WT_PWR 323751	60.06 -1.98 0.00	57.24 -1.94 0.00	59.58 -1.30 0.00	54.16 -1.25 0.00	46.05 -1.45 0.00	42.16 -1.53 0.00	37.22 -1.83 -0.10	30.65 -2.19 0.00	26.73 -1.65 0.00	23.87 -1.72 1.81	25.50 -2.04 0.00	33.87 -2.74 0.00	32.53 -2.76 0.00	25.38 -2.57 3.36	24.66 -2.48 1.21	33.76 -3.07 -0.21	37.05 -3.53 -0.45	36.75 -3.37 0.34	33.29 -3.26 3.48	26.14 -3.22 7.99	30.56 -3.41 5.29	34.93 -3.49 0.17	38.49 -3.15 -1.95	39.23 -3.07 -1.09
ARTHUR KILL_GT_1 23520	65.95 3.91 0.00	63.12 3.93 0.00	65.08 4.20 0.00	59.46 4.06 0.00	51.07 3.57 0.00	47.01 3.32 0.00	45.25 2.95 -3.34	43.68 2.48 -8.36	32.41 2.10 -1.93	30.18 2.05 -0.74	34.06 2.06 -4.46	39.91 2.54 -0.76	39.56 2.46 -1.81	38.48 2.21 -4.97	42.10 2.06 -11.68	44.59 2.60 -5.37	48.09 3.03 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.00 2.90 -9.76	44.88 2.85 -2.76	42.94 2.78 -1.58	58.51 2.81 -16.00	51.56 2.75 -7.61
ARTHUR_KILL_2 23512	65.77 3.73 0.00	62.95 3.76 0.00	64.89 4.02 0.00	59.31 3.90 0.00	50.94 3.44 0.00	46.89 3.19 0.00	45.13 2.84 -3.34	43.58 2.38 -8.36	32.32 2.01 -1.93	30.10 1.97 -0.74	33.98 1.99 -4.46	39.82 2.45 -0.76	39.48 2.38 -1.81	38.41 2.13 -4.97	42.02 1.99 -11.68	44.47 2.48 -5.37	47.96 2.90 -4.93	65.22 3.04 -21.72	62.24 2.98 -19.23	49.86 2.75 -9.76	44.72 2.70 -2.76	42.79 2.63 -1.58	58.35 2.66 -16.00	51.43 2.62 -7.61
ARTHUR_KILL_3 23513	65.04 3.00 0.00	62.19 3.01 0.00	64.01 3.14 0.00	58.35 2.95 0.00	50.11 2.62 0.00	46.13 2.44 0.00	44.73 2.44 -3.34	43.36 2.16 -8.37	32.15 1.84 -1.93	29.97 1.84 -0.74	33.89 1.90 -4.46	39.73 2.37 -0.76	39.40 2.29 -1.81	38.35 2.07 -4.97	41.94 1.90 -11.68	44.37 2.37 -5.38	47.79 2.73 -4.93	64.98 2.79 -21.73	62.03 2.76 -19.24	49.67 2.56 -9.76	44.71 2.68 -2.76	42.78 2.62 -1.58	58.35 2.65 -16.00	51.42 2.61 -7.61

ARTHUR_KILL_COGEN 323718	65.95 3.91 0.00	63.12 3.93 0.00	65.08 4.20 0.00	59.46 4.06 0.00	51.07 3.57 0.00	47.01 3.32 0.00	45.25 2.95 -3.34	43.68 2.48 -8.36	32.41 2.10 -1.93	30.18 2.05 -0.74	34.06 2.06 -4.46	39.91 2.54 -0.76	39.56 2.46 -1.81	38.48 2.21 -4.97	42.10 2.06 -11.68	44.59 2.60 -5.37	48.09 3.03 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.00 2.90 -9.76	44.88 2.85 -2.76	42.94 2.78 -1.58	58.51 2.81 -16.00	51.56 2.75 -7.61
ASHOKAN____ 23654	65.62 3.58 0.00	62.56 3.38 0.00	64.22 3.34 0.00	58.50 3.09 0.00	50.20 2.70 0.00	46.24 2.55 0.00	43.46 2.49 -2.02	39.21 2.26 -4.12	31.24 1.91 -0.95	29.52 1.76 -0.36	31.35 1.62 -2.19	39.10 2.12 -0.37	38.24 2.06 -0.89	37.40 1.82 -4.27	41.88 1.57 -11.96	40.60 2.47 -1.51	47.52 2.96 -4.42	58.54 3.13 -14.95	56.38 3.03 -13.32	46.10 2.77 -5.97	45.04 2.79 -2.99	42.25 2.87 -0.80	57.79 2.71 -15.39	51.80 2.65 -7.95
ASTORIA_EAST_ENERGY_CC1 323581	65.07 3.03 0.00	62.23 3.04 0.00	64.07 3.19 0.00	58.40 3.00 0.00	50.14 2.64 0.00	46.14 2.45 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.17 1.86 -1.93	30.04 1.91 -0.74	33.97 1.98 -4.46	39.78 2.42 -0.76	39.50 2.40 -1.81	38.50 2.22 -4.97	42.09 2.05 -11.68	44.53 2.54 -5.37	47.93 2.87 -4.93	65.14 2.96 -21.72	62.17 2.91 -19.23	49.81 2.70 -9.76	44.76 2.74 -2.76	42.88 2.72 -1.58	58.40 2.70 -16.00	51.49 2.68 -7.61
ASTORIA_EAST_ENERGY_CC2 323582	65.03 2.99 0.00	62.17 2.98 0.00	63.99 3.12 0.00	58.33 2.93 0.00	50.08 2.58 0.00	46.09 2.40 0.00	44.68 2.39 -3.34	43.35 2.15 -8.36	32.15 1.84 -1.93	30.01 1.88 -0.74	33.94 1.95 -4.46	39.79 2.42 -0.76	39.52 2.41 -1.81	38.47 2.19 -4.97	42.06 2.02 -11.68	44.49 2.50 -5.37	47.92 2.85 -4.93	65.13 2.96 -21.72	62.16 2.90 -19.23	49.80 2.69 -9.76	44.76 2.74 -2.76	42.88 2.72 -1.58	58.40 2.70 -16.00	51.52 2.71 -7.61
ASTORIA_GT2_1 24094	65.10 3.06 0.00	62.26 3.07 0.00	64.10 3.22 0.00	58.44 3.03 0.00	50.17 2.67 0.00	46.15 2.46 0.00	44.73 2.44 -3.34	43.38 2.18 -8.36	32.18 1.87 -1.93	30.05 1.92 -0.74	33.99 1.99 -4.46	39.80 2.43 -0.76	39.51 2.41 -1.81	38.51 2.23 -4.97	42.10 2.06 -11.68	44.54 2.55 -5.37	47.95 2.88 -4.93	65.16 2.99 -21.72	62.20 2.94 -19.23	49.82 2.72 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.41 2.72 -16.00	51.52 2.71 -7.61
ASTORIA_GT2_2 24095	65.10 3.06 0.00	62.26 3.07 0.00	64.10 3.22 0.00	58.44 3.03 0.00	50.17 2.67 0.00	46.15 2.46 0.00	44.73 2.44 -3.34	43.38 2.18 -8.36	32.18 1.87 -1.93	30.05 1.92 -0.74	33.99 1.99 -4.46	39.80 2.43 -0.76	39.51 2.41 -1.81	38.51 2.23 -4.97	42.10 2.06 -11.68	44.54 2.55 -5.37	47.95 2.88 -4.93	65.16 2.99 -21.72	62.20 2.94 -19.23	49.82 2.72 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.41 2.72 -16.00	51.52 2.71 -7.61
ASTORIA_GT2_3 24096	65.10 3.06 0.00	62.26 3.07 0.00	64.10 3.22 0.00	58.44 3.03 0.00	50.17 2.67 0.00	46.15 2.46 0.00	44.73 2.44 -3.34	43.38 2.18 -8.36	32.18 1.87 -1.93	30.05 1.92 -0.74	33.99 1.99 -4.46	39.80 2.43 -0.76	39.51 2.41 -1.81	38.51 2.23 -4.97	42.10 2.06 -11.68	44.54 2.55 -5.37	47.95 2.88 -4.93	65.16 2.99 -21.72	62.20 2.94 -19.23	49.82 2.72 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.41 2.72 -16.00	51.52 2.71 -7.61
ASTORIA_GT2_4 24097	65.10 3.06 0.00	62.26 3.07 0.00	64.10 3.22 0.00	58.44 3.03 0.00	50.17 2.67 0.00	46.15 2.46 0.00	44.73 2.44 -3.34	43.38 2.18 -8.36	32.18 1.87 -1.93	30.05 1.92 -0.74	33.99 1.99 -4.46	39.80 2.43 -0.76	39.51 2.41 -1.81	38.51 2.23 -4.97	42.10 2.06 -11.68	44.54 2.55 -5.37	47.95 2.88 -4.93	65.16 2.99 -21.72	62.20 2.94 -19.23	49.82 2.72 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.41 2.72 -16.00	51.52 2.71 -7.61
ASTORIA_GT3_1 24098	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT3_2 24099	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT3_3 24100	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT3_4 24101	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT4_1 24102	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT4_2 24103	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT4_3 24104	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61

ASTORIA_GT4_4 24105	65.05 3.01 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.95 1.95 -4.46	39.80 2.44 -0.76	39.52 2.42 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.92 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.54 2.73 -7.61
ASTORIA_GT_1 23523	65.18 3.14 0.00	62.32 3.14 0.00	64.16 3.28 0.00	58.49 3.08 0.00	50.21 2.71 0.00	46.19 2.50 0.00	44.78 2.49 -3.34	43.42 2.23 -8.36	32.22 1.91 -1.93	30.09 1.96 -0.74	34.02 2.02 -4.46	39.86 2.50 -0.76	39.58 2.48 -1.81	38.55 2.28 -4.97	42.13 2.10 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.24 3.06 -21.72	62.27 3.01 -19.23	49.90 2.79 -9.76	44.86 2.84 -2.76	42.97 2.81 -1.58	58.49 2.79 -16.00	51.59 2.78 -7.61
ASTORIA_GT_10 24110	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.61 2.50 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.17 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA_GT_11 24225	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.61 2.50 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.17 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA_GT_12 24226	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.61 2.50 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.17 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA_GT_13 24227	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.61 2.50 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.17 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA_GT_5 24106	65.18 3.14 0.00	62.33 3.14 0.00	64.16 3.29 0.00	58.50 3.08 0.00	50.21 2.71 0.00	46.20 2.50 0.00	44.78 2.49 -3.34	43.43 2.22 -8.36	32.22 1.91 -1.93	30.09 1.96 -0.74	34.02 2.03 -4.46	39.86 2.50 -0.76	39.58 2.48 -1.81	38.55 2.28 -4.97	42.13 2.10 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.24 3.06 -21.72	62.27 3.01 -19.23	49.89 2.78 -9.76	44.86 2.84 -2.76	42.97 2.81 -1.58	58.49 2.79 -16.00	51.59 2.78 -7.61
ASTORIA_GT_7 24107	65.18 3.14 0.00	62.33 3.14 0.00	64.16 3.29 0.00	58.50 3.08 0.00	50.21 2.71 0.00	46.20 2.50 0.00	44.78 2.49 -3.34	43.43 2.22 -8.36	32.22 1.91 -1.93	30.09 1.96 -0.74	34.02 2.03 -4.46	39.86 2.50 -0.76	39.58 2.48 -1.81	38.55 2.28 -4.97	42.13 2.10 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.24 3.06 -21.72	62.27 3.01 -19.23	49.89 2.78 -9.76	44.86 2.84 -2.76	42.97 2.81 -1.58	58.49 2.79 -16.00	51.59 2.78 -7.61
ASTORIA_GT_8 24108	65.18 3.14 0.00	62.33 3.14 0.00	64.16 3.29 0.00	58.50 3.08 0.00	50.21 2.71 0.00	46.20 2.50 0.00	44.78 2.49 -3.34	43.43 2.22 -8.36	32.22 1.91 -1.93	30.09 1.96 -0.74	34.02 2.03 -4.46	39.86 2.50 -0.76	39.58 2.48 -1.81	38.55 2.28 -4.97	42.13 2.10 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.24 3.06 -21.72	62.27 3.01 -19.23	49.89 2.78 -9.76	44.86 2.84 -2.76	42.97 2.81 -1.58	58.49 2.79 -16.00	51.59 2.78 -7.61
ASTORIA___2 24149	65.06 3.02 0.00	62.20 3.01 0.00	64.03 3.16 0.00	58.38 2.97 0.00	50.11 2.61 0.00	46.10 2.41 0.00	44.71 2.42 -3.34	43.36 2.16 -8.36	32.16 1.86 -1.93	30.03 1.90 -0.74	33.94 1.95 -4.46	39.80 2.44 -0.76	39.53 2.43 -1.81	38.47 2.20 -4.97	42.07 2.03 -11.68	44.50 2.51 -5.37	47.93 2.87 -4.93	65.16 2.98 -21.72	62.19 2.93 -19.23	49.82 2.71 -9.76	44.79 2.77 -2.76	42.90 2.74 -1.58	58.42 2.72 -16.00	51.53 2.72 -7.61
ASTORIA___3 23516	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.97 -0.74	34.05 2.06 -4.46	39.95 2.58 -0.76	39.61 2.51 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.16 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA___4 23517	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.49 2.28 -8.36	32.27 1.96 -1.93	30.10 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.61 2.50 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.17 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
ASTORIA___5 23518	65.38 3.34 0.00	62.53 3.34 0.00	64.34 3.46 0.00	58.63 3.22 0.00	50.35 2.85 0.00	46.34 2.65 0.00	44.89 2.59 -3.34	43.48 2.28 -8.36	32.27 1.96 -1.93	30.10 1.97 -0.74	34.05 2.06 -4.46	39.95 2.58 -0.76	39.61 2.51 -1.81	38.53 2.25 -4.97	42.09 2.06 -11.68	44.53 2.54 -5.37	47.94 2.88 -4.93	65.11 2.94 -21.72	62.16 2.90 -19.23	49.79 2.68 -9.76	44.80 2.78 -2.76	42.87 2.70 -1.58	58.41 2.72 -16.00	51.49 2.68 -7.61
AST_ENERGY_2_CC3 323677	65.15 3.11 0.00	62.32 3.13 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.23 2.73 0.00	46.22 2.53 0.00	44.77 2.48 -3.34	43.40 2.19 -8.37	32.18 1.87 -1.93	30.04 1.91 -0.74	33.99 1.99 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.18 -4.97	42.04 2.00 -11.68	44.50 2.51 -5.38	47.91 2.85 -4.93	65.06 2.87 -21.73	62.09 2.82 -19.24	49.74 2.63 -9.76	44.79 2.76 -2.76	42.86 2.70 -1.58	58.41 2.72 -16.00	51.53 2.72 -7.61
AST_ENERGY_2_CC4 323678	65.15 3.11 0.00	62.32 3.13 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.23 2.73 0.00	46.22 2.53 0.00	44.77 2.48 -3.34	43.40 2.19 -8.37	32.18 1.87 -1.93	30.04 1.91 -0.74	33.99 1.99 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.18 -4.97	42.04 2.00 -11.68	44.50 2.51 -5.38	47.91 2.85 -4.93	65.06 2.87 -21.73	62.09 2.82 -19.24	49.74 2.63 -9.76	44.79 2.76 -2.76	42.86 2.70 -1.58	58.41 2.72 -16.00	51.53 2.72 -7.61

ATHENS_STG_1 23668	63.71 1.66 0.00	60.86 1.67 0.00	62.53 1.66 0.00	56.97 1.56 0.00	48.90 1.40 0.00	45.03 1.33 0.00	42.19 1.35 -1.89	37.79 1.20 -3.75	30.26 1.01 -0.87	28.73 1.01 -0.33	30.58 1.04 -2.00	38.26 1.31 -0.34	37.38 1.28 -0.81	36.63 1.17 -4.15	41.23 1.07 -11.80	39.49 1.38 -1.50	46.00 1.56 -4.31	56.13 1.60 -14.07	54.19 1.57 -12.59	44.30 1.43 -5.52	43.75 1.53 -2.96	40.79 1.50 -0.71	56.34 1.55 -15.11	50.64 1.59 -7.85
ATHENS_STG_2 23670	63.71 1.66 0.00	60.86 1.67 0.00	62.53 1.66 0.00	56.97 1.56 0.00	48.90 1.40 0.00	45.03 1.33 0.00	42.19 1.35 -1.89	37.79 1.20 -3.75	30.26 1.01 -0.87	28.73 1.01 -0.33	30.58 1.04 -2.00	38.26 1.31 -0.34	37.38 1.28 -0.81	36.63 1.17 -4.15	41.23 1.07 -11.80	39.49 1.38 -1.50	46.00 1.56 -4.31	56.13 1.60 -14.07	54.19 1.57 -12.59	44.30 1.43 -5.52	43.75 1.53 -2.96	40.79 1.50 -0.71	56.34 1.55 -15.11	50.64 1.59 -7.85
ATHENS_STG_3 23677	63.71 1.66 0.00	60.86 1.67 0.00	62.53 1.66 0.00	56.97 1.56 0.00	48.90 1.40 0.00	45.03 1.33 0.00	42.19 1.35 -1.89	37.79 1.20 -3.75	30.26 1.01 -0.87	28.73 1.01 -0.33	30.58 1.04 -2.00	38.26 1.31 -0.34	37.38 1.28 -0.81	36.63 1.17 -4.15	41.23 1.07 -11.80	39.49 1.38 -1.50	46.00 1.56 -4.31	56.13 1.60 -14.07	54.19 1.57 -12.59	44.30 1.43 -5.52	43.75 1.53 -2.96	40.79 1.50 -0.71	56.34 1.55 -15.11	50.64 1.59 -7.85
AUBURN___LFGE 323710	62.08 0.04 0.00	59.15 -0.04 0.00	60.85 -0.03 0.00	55.39 -0.02 0.00	47.47 -0.03 0.00	43.64 -0.05 0.00	38.94 -0.09 -0.07	32.82 -0.02 0.00	28.37 -0.01 0.00	27.76 -0.12 -0.49	27.36 -0.18 0.00	36.48 -0.13 0.00	35.18 -0.11 0.00	31.56 -0.11 -0.36	29.51 -0.13 -1.29	36.70 -0.09 -0.16	40.51 -0.02 -0.40	41.18 -0.09 -0.81	40.85 0.07 -0.75	37.73 -0.02 -0.40	39.61 0.02 -0.33	38.54 -0.04 0.00	41.00 -0.20 -1.51	41.99 -0.06 -0.85
BABYLON_RES_REC 323704	65.65 3.61 0.00	62.84 3.65 0.00	64.09 3.22 0.00	58.69 3.28 0.00	50.44 2.95 0.00	46.43 2.73 0.00	45.13 2.84 -3.34	43.54 2.36 -8.35	32.41 2.11 -1.93	30.00 1.87 -0.73	34.06 2.08 -4.45	39.93 2.56 -0.76	39.55 2.45 -1.81	38.62 2.35 -4.96	42.28 2.24 -11.68	55.05 2.90 -15.53	48.62 3.56 -4.93	65.85 3.70 -21.70	62.63 3.38 -19.21	50.09 2.99 -9.75	45.00 2.98 -2.76	43.24 3.08 -1.57	58.77 3.07 -16.00	51.87 3.06 -7.61
BABYLON__69_KV_BK2 356345	66.32 4.28 0.00	63.48 4.29 0.00	64.67 3.79 0.00	59.23 3.82 0.00	50.91 3.41 0.00	46.86 3.17 0.00	45.55 3.26 -3.34	43.87 2.69 -8.35	32.73 2.42 -1.93	30.27 2.14 -0.73	34.36 2.38 -4.45	40.32 2.96 -0.76	39.93 2.83 -1.81	38.98 2.71 -4.96	42.59 2.56 -11.68	55.27 3.33 -15.32	49.14 4.07 -4.93	66.40 4.24 -21.70	63.13 3.89 -19.21	50.54 3.45 -9.75	45.45 3.43 -2.76	43.67 3.51 -1.57	59.20 3.51 -16.00	52.32 3.51 -7.61
BALL_HILL_WT_PWR 323825	60.26 -1.78 0.00	57.39 -1.80 0.00	59.58 -1.29 0.00	54.23 -1.18 0.00	46.12 -1.38 0.00	42.30 -1.39 0.00	37.35 -1.70 -0.09	30.93 -1.91 0.00	26.95 -1.43 0.00	24.21 -1.48 1.71	25.78 -1.76 0.00	34.25 -2.35 0.00	32.86 -2.44 0.00	24.55 -2.28 4.49	24.05 -2.28 2.02	33.99 -2.84 -0.21	37.37 -3.17 -0.41	36.74 -2.94 0.78	32.38 -2.84 4.80	24.44 -2.74 10.17	29.45 -2.84 6.97	35.41 -2.95 0.22	38.87 -2.71 -1.89	39.55 -2.71 -1.06
BARON_WINDS___WT_PWR 323822	59.66 -2.38 0.00	56.81 -2.37 0.00	58.64 -2.24 0.00	53.53 -1.88 0.00	45.78 -1.72 0.00	41.94 -1.76 0.00	37.36 -1.72 -0.13	31.05 -1.79 0.00	26.90 -1.48 0.00	22.73 -1.49 3.17	25.87 -1.67 0.00	34.47 -2.14 0.00	33.09 -2.20 0.00	5.88 -2.08 23.35	11.73 -1.91 14.72	34.62 -2.29 -0.29	38.09 -2.32 -0.27	30.97 -2.19 7.30	11.31 -2.17 26.55	-13.28 -2.29 48.34	1.82 -2.24 35.20	35.07 -2.44 1.08	39.97 -2.33 -2.61	40.42 -2.25 -1.46
BARRETT_IC_1 23704	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_10 23701	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_11 23702	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_12 23703	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_2 23705	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_3 23706	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_4 23707	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61

BARRETT_IC_5 23708	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_6 23709	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_7 23710	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.05 -8.35	32.11 1.80 -1.93	29.80 1.68 -0.73	33.88 1.89 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.88 2.49 -14.77	48.12 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.58 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_8 23711	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT_IC_9 23700	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT___1 23545	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BARRETT___2 23546	65.10 3.06 0.00	62.30 3.12 0.00	63.72 2.85 0.00	58.28 2.87 0.00	50.07 2.57 0.00	46.09 2.40 0.00	44.74 2.45 -3.34	43.24 2.06 -8.35	32.11 1.80 -1.93	29.81 1.68 -0.73	33.87 1.88 -4.45	39.70 2.34 -0.76	39.35 2.25 -1.81	38.41 2.14 -4.96	42.03 2.00 -11.68	53.87 2.47 -14.77	48.13 3.06 -4.93	65.24 3.08 -21.70	62.03 2.79 -19.21	49.59 2.49 -9.75	44.56 2.53 -2.76	42.77 2.61 -1.57	58.33 2.64 -16.00	51.44 2.63 -7.61
BATAVIA___115KV_TB1 55881	61.06 -0.98 0.00	58.09 -1.10 0.00	60.22 -0.65 0.00	54.77 -0.64 0.00	46.65 -0.84 0.00	42.91 -0.79 0.00	38.00 -1.03 -0.08	31.60 -1.23 0.00	27.54 -0.84 0.00	25.09 -1.01 1.29	26.19 -1.35 0.00	34.91 -1.70 0.00	33.45 -1.85 0.00	27.45 -1.71 2.15	26.02 -1.82 0.52	34.67 -2.13 -0.18	38.36 -2.16 -0.38	38.59 -1.82 0.05	36.13 -1.74 2.15	30.45 -1.62 5.28	34.08 -1.74 3.45	36.60 -1.87 0.11	39.59 -1.73 -1.63	40.23 -1.89 -0.91
BAYONEEC___CTG1 323682	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG10 323750	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG2 323683	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG3 323684	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG4 323685	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG5 323686	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG6 323687	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61

BAYONEEC___CTG7 323688	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG8 323689	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BAYONEEC___CTG9 323749	65.22 3.18 0.00	62.39 3.20 0.00	64.20 3.33 0.00	58.54 3.13 0.00	50.27 2.77 0.00	46.27 2.58 0.00	44.84 2.54 -3.34	43.44 2.24 -8.37	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.38	47.94 2.88 -4.93	65.11 2.92 -21.73	62.15 2.88 -19.24	49.79 2.67 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
BEACON___LESR 323632	63.90 1.86 0.00	61.01 1.82 0.00	62.65 1.77 0.00	57.02 1.61 0.00	48.85 1.35 0.00	44.96 1.26 0.00	41.92 1.31 -1.66	36.81 1.15 -2.82	29.97 0.94 -0.65	28.69 1.05 -0.25	30.13 1.09 -1.50	38.26 1.40 -0.26	37.27 1.36 -0.61	36.87 1.27 -4.28	42.30 1.11 -12.84	39.78 1.50 -1.65	46.37 1.73 -4.50	55.39 1.75 -13.18	53.62 1.74 -11.85	43.70 1.52 -4.84	44.16 1.63 -3.27	40.68 1.56 -0.54	57.48 1.64 -16.15	51.36 1.58 -8.59
BEAVER RIVER___HYD 24048	61.09 -0.95 0.00	57.71 -1.48 0.00	59.23 -1.64 0.00	53.45 -1.96 0.00	45.74 -1.76 0.00	42.40 -1.29 0.00	37.59 -1.38 -0.02	31.68 -1.16 0.00	27.45 -0.92 0.00	26.62 -0.77 0.00	26.79 -0.75 0.00	36.42 -0.19 0.00	35.11 -0.18 0.00	31.21 -0.22 -0.11	28.41 -0.33 -0.39	36.13 -0.54 -0.05	39.50 -0.76 -0.12	39.47 -1.25 -0.26	38.59 -1.59 -0.15	35.68 -1.71 -0.04	37.46 -1.85 -0.05	36.80 -1.79 0.00	37.79 -2.15 -0.24	39.18 -2.16 -0.14
BEEBEE_GT_13 23619	60.54 -1.50 0.00	57.65 -1.54 0.00	59.62 -1.25 0.00	54.25 -1.16 0.00	46.28 -1.22 0.00	42.55 -1.14 0.00	37.78 -1.25 -0.07	31.55 -1.28 0.00	27.41 -0.96 0.00	25.37 -1.05 0.97	26.33 -1.21 0.00	35.09 -1.51 0.00	33.72 -1.57 0.00	29.54 -1.53 0.25	27.45 -1.57 -0.66	34.89 -1.88 -0.15	38.49 -2.01 -0.36	39.17 -1.84 -0.55	38.22 -1.83 -0.02	34.26 -1.75 1.34	36.83 -1.86 0.57	36.76 -1.80 0.03	39.36 -1.75 -1.41	40.15 -1.84 -0.79
BENSHRST_27_KV_BENSHRST_1 355998	66.02 3.98 0.00	63.12 3.94 0.00	64.97 4.10 0.00	59.25 3.84 0.00	50.89 3.40 0.00	46.85 3.16 0.00	45.29 2.99 -3.34	43.79 2.59 -8.36	32.53 2.22 -1.93	30.34 2.21 -0.74	34.28 2.28 -4.46	40.23 2.86 -0.76	39.88 2.78 -1.81	38.77 2.49 -4.97	42.33 2.29 -11.68	44.86 2.87 -5.37	48.37 3.30 -4.93	65.61 3.43 -21.72	62.64 3.37 -19.23	50.25 3.14 -9.76	45.23 3.21 -2.76	43.25 3.09 -1.58	58.81 3.11 -16.00	51.88 3.07 -7.61
BETHLEHEM___GRP 23843	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.77 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.55 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.65 0.76 -0.60	36.27 0.68 -4.28	41.75 0.56 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.75 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
BETHLEHEM___GS1 323560	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.76 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.56 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.66 0.76 -0.60	36.27 0.68 -4.28	41.75 0.55 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.74 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
BETHLEHEM___GS2 323561	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.76 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.56 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.66 0.76 -0.60	36.27 0.68 -4.28	41.75 0.55 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.74 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
BETHLEHEM___GS3 323562	62.95 0.91 0.00	60.12 0.93 0.00	61.65 0.78 0.00	56.18 0.76 0.00	48.08 0.58 0.00	44.16 0.47 0.00	41.09 0.49 -1.65	36.09 0.47 -2.79	29.42 0.39 -0.64	28.19 0.56 -0.25	29.61 0.58 -1.48	37.59 0.73 -0.25	36.66 0.76 -0.60	36.27 0.68 -4.28	41.75 0.55 -12.84	38.96 0.69 -1.65	45.42 0.79 -4.50	54.34 0.75 -13.13	52.58 0.74 -11.81	42.82 0.66 -4.81	43.28 0.74 -3.27	39.84 0.73 -0.53	56.62 0.78 -16.15	50.51 0.72 -8.59
BETHLEHEM___STEEL 23779	60.45 -1.59 0.00	57.54 -1.64 0.00	59.69 -1.19 0.00	54.35 -1.06 0.00	46.19 -1.31 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	31.07 -1.77 0.00	27.07 -1.31 0.00	24.37 -1.34 1.68	25.92 -1.62 0.00	34.49 -2.12 0.00	33.08 -2.21 0.00	25.00 -2.14 4.18	24.38 -2.17 1.80	34.13 -2.69 -0.21	37.59 -2.96 -0.42	37.09 -2.71 0.67	32.95 -2.64 4.44	25.32 -2.50 9.53	30.17 -2.59 6.50	35.74 -2.64 0.21	39.12 -2.45 -1.88	39.76 -2.49 -1.05
BETHLHEM_115KV_TB1 79974	63.06 1.02 0.00	60.21 1.03 0.00	61.77 0.89 0.00	56.27 0.86 0.00	48.19 0.69 0.00	44.27 0.57 0.00	41.19 0.60 -1.64	36.17 0.55 -2.78	29.48 0.46 -0.64	28.24 0.60 -0.24	29.65 0.63 -1.48	37.64 0.79 -0.25	36.71 0.82 -0.60	36.32 0.73 -4.28	41.80 0.61 -12.83	39.04 0.77 -1.65	45.51 0.88 -4.49	54.41 0.85 -13.10	52.65 0.84 -11.78	42.89 0.75 -4.79	43.36 0.83 -3.27	39.92 0.81 -0.53	56.69 0.86 -16.13	50.61 0.83 -8.58
BETHPAGE_CC_5 323564	65.45 3.41 0.00	62.65 3.47 0.00	63.97 3.09 0.00	58.54 3.13 0.00	50.31 2.82 0.00	46.31 2.62 0.00	44.97 2.68 -3.34	43.42 2.23 -8.35	32.29 1.99 -1.93	29.95 1.82 -0.73	34.02 2.03 -4.45	39.88 2.52 -0.76	39.51 2.41 -1.81	38.56 2.29 -4.96	42.18 2.15 -11.68	55.47 2.71 -16.14	48.25 3.19 -4.93	65.48 3.33 -21.70	62.29 3.04 -19.21	49.78 2.68 -9.75	44.72 2.70 -2.76	42.96 2.81 -1.57	58.57 2.88 -16.00	51.67 2.86 -7.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	60.79 -1.25 0.00	57.89 -1.29 0.00	60.05 -0.82 0.00	54.67 -0.74 0.00	46.45 -1.04 0.00	42.66 -1.03 0.00	37.69 -1.35 -0.09	31.26 -1.57 0.00	27.24 -1.14 0.00	24.53 -1.15 1.71	26.10 -1.44 0.00	34.75 -1.86 0.00	33.32 -1.97 0.00	25.47 -1.91 3.92	24.79 -1.95 1.61	34.40 -2.42 -0.21	37.91 -2.65 -0.42	37.50 -2.40 0.57	33.57 -2.31 4.15	26.10 -2.20 9.05	30.85 -2.28 6.13	36.03 -2.35 0.20	39.42 -2.18 -1.90	40.06 -2.21 -1.07

BINGHAMTON___COGEN 23790	62.29 0.25 0.00	59.40 0.21 0.00	61.17 0.29 0.00	55.68 0.28 0.00	47.75 0.25 0.00	43.85 0.16 0.00	38.91 0.15 0.19	31.72 0.06 1.17	28.12 0.02 0.27	27.31 0.02 0.10	26.90 -0.01 0.63	36.54 0.04 0.11	35.02 -0.02 0.25	31.96 -0.03 -0.68	31.37 -0.04 -3.05	37.05 0.00 -0.43	41.00 0.07 -0.80	40.61 0.14 -0.01	40.33 0.19 -0.11	36.86 0.08 0.57	40.23 0.13 -0.85	38.36 0.00 0.22	43.16 0.05 -3.43	43.42 0.11 -2.11
BIXINCNT_115KV_LOAD 355685	60.95 -1.09 0.00	58.19 -1.00 0.00	60.41 -0.47 0.00	54.98 -0.42 0.00	46.52 -0.98 0.00	42.73 -0.96 0.00	37.90 -1.15 -0.10	31.32 -1.51 0.00	27.31 -1.07 0.00	24.49 -1.04 1.86	26.33 -1.21 0.00	35.11 -1.49 0.00	33.51 -1.78 0.00	27.04 -1.69 2.58	26.04 -1.68 0.63	34.79 -2.05 -0.22	38.60 -2.01 -0.47	38.39 -2.04 0.03	35.48 -1.99 2.56	28.88 -1.99 6.48	32.92 -2.20 4.13	36.11 -2.34 0.14	39.60 -2.09 -2.01	40.57 -1.75 -1.12
BLACK RIVER___HYD 24047	61.00 -1.04 0.00	57.51 -1.67 0.00	58.75 -2.12 0.00	53.06 -2.35 0.00	45.48 -2.02 0.00	42.47 -1.22 0.00	37.54 -1.44 -0.03	31.61 -1.22 0.00	27.36 -1.02 0.00	26.43 -0.97 0.00	26.59 -0.95 0.00	36.17 -0.44 0.00	34.86 -0.43 0.00	31.12 -0.34 -0.15	28.52 -0.36 -0.52	36.06 -0.63 -0.07	39.35 -0.95 -0.17	39.56 -1.24 -0.34	39.37 -1.10 -0.44	36.75 -0.73 -0.14	38.40 -1.07 -0.21	37.63 -0.95 0.00	39.09 -1.58 -0.98	39.91 -1.84 -0.55
BLACKRVR_115KV_TB2 79977	61.00 -1.04 0.00	57.51 -1.68 0.00	58.75 -2.12 0.00	53.06 -2.35 0.00	45.48 -2.02 0.00	42.47 -1.22 0.00	37.54 -1.44 -0.03	31.61 -1.22 0.00	27.36 -1.02 0.00	26.43 -0.97 0.00	26.59 -0.95 0.00	36.17 -0.44 0.00	34.86 -0.44 0.00	31.12 -0.34 -0.15	28.52 -0.36 -0.52	36.06 -0.63 -0.07	39.36 -0.95 -0.17	39.56 -1.24 -0.34	39.37 -1.10 -0.44	36.75 -0.74 -0.14	38.40 -1.07 -0.21	37.63 -0.95 0.00	39.09 -1.58 -0.98	39.91 -1.84 -0.55
BLISS_WT_PWR 323608	60.65 -1.39 0.00	57.94 -1.25 0.00	60.11 -0.76 0.00	54.72 -0.69 0.00	46.24 -1.26 0.00	42.53 -1.16 0.00	37.72 -1.34 -0.10	31.15 -1.69 0.00	27.17 -1.21 0.00	24.33 -1.21 1.86	26.19 -1.34 0.00	34.92 -1.68 0.00	33.28 -2.01 0.00	26.86 -1.87 2.58	25.88 -1.84 0.63	34.64 -2.21 -0.22	38.48 -2.13 -0.47	38.22 -2.21 0.03	35.29 -2.17 2.56	28.67 -2.19 6.48	32.72 -2.40 4.13	35.84 -2.61 0.14	39.37 -2.33 -2.01	40.42 -1.90 -1.12
BLUESTONE___WT_PWR 323821	63.32 1.28 0.00	59.97 0.78 0.00	61.22 0.35 0.00	56.41 1.00 0.00	48.72 1.22 0.00	45.17 1.48 0.00	40.70 1.94 0.19	33.20 1.59 1.23	29.47 1.37 0.28	29.52 1.15 -0.98	27.82 0.94 0.66	38.14 1.65 0.11	36.16 1.14 0.27	33.66 1.06 -1.30	33.14 1.01 -3.78	38.47 1.39 -0.46	42.84 1.83 -0.88	42.51 1.78 -0.27	42.92 2.07 -0.82	40.05 1.75 -0.95	42.59 1.58 -1.74	39.70 1.33 0.21	45.04 1.65 -3.69	45.28 1.82 -2.27
BLUE_CIRC_CHEM_DRP 24182	63.75 1.71 0.00	60.82 1.63 0.00	62.40 1.53 0.00	56.83 1.43 0.00	48.72 1.22 0.00	44.84 1.15 0.00	41.74 1.10 -1.68	36.73 0.97 -2.93	29.81 0.75 -0.68	28.40 0.75 -0.26	29.86 0.77 -1.56	37.88 1.01 -0.27	37.02 1.10 -0.64	36.60 1.03 -4.26	41.90 0.87 -12.68	39.42 1.17 -1.63	45.94 1.34 -4.47	55.04 1.30 -13.28	53.25 1.29 -11.93	43.43 1.16 -4.92	43.74 1.26 -3.22	40.37 1.23 -0.56	56.96 1.28 -15.98	50.97 1.29 -8.48
BOC_GAS_DRP 24189	63.20 1.16 0.00	60.36 1.17 0.00	61.96 1.08 0.00	56.45 1.04 0.00	48.40 0.90 0.00	44.54 0.84 0.00	41.41 0.84 -1.62	36.29 0.75 -2.71	29.64 0.63 -0.62	28.31 0.68 -0.24	29.69 0.71 -1.44	37.75 0.90 -0.24	36.78 0.90 -0.59	36.38 0.82 -4.25	41.86 0.73 -12.78	39.19 0.93 -1.65	45.64 1.04 -4.47	54.44 1.04 -12.94	52.69 1.02 -11.65	42.99 0.93 -4.72	43.54 1.02 -3.26	40.10 1.00 -0.51	56.79 1.05 -16.05	50.81 1.05 -8.55
BOONVILLE_115KV_TB1 79983	62.47 0.43 0.00	59.31 0.12 0.00	60.97 0.10 0.00	55.26 -0.15 0.00	47.35 -0.15 0.00	43.69 0.00 0.00	38.91 -0.07 -0.02	32.82 -0.01 0.00	28.41 0.03 0.00	27.42 0.03 0.00	27.60 0.06 0.00	37.06 0.46 0.00	35.76 0.47 0.00	31.82 0.42 -0.09	28.97 0.29 -0.33	37.02 0.36 -0.04	40.60 0.36 -0.10	40.83 0.16 -0.21	40.18 -0.01 -0.16	37.30 -0.09 -0.04	39.22 -0.11 -0.07	38.49 -0.10 0.00	39.67 -0.33 -0.31	41.00 -0.37 -0.17
BORALEX_4TH_BRANCH 23824	65.04 3.00 0.00	62.19 3.01 0.00	63.62 2.75 0.00	57.93 2.52 0.00	49.77 2.27 0.00	45.96 2.27 0.00	42.98 2.27 -1.75	38.01 2.07 -3.11	30.85 1.76 -0.72	29.52 1.85 -0.27	31.12 1.93 -1.66	39.42 2.53 -0.28	38.43 2.46 -0.67	37.95 2.29 -4.34	43.22 2.01 -12.85	40.94 2.67 -1.65	47.52 2.84 -4.55	56.81 2.68 -13.67	55.06 2.76 -12.28	45.03 2.57 -5.10	45.34 2.81 -3.26	41.95 2.77 -0.59	58.83 2.90 -16.23	52.56 2.77 -8.58
BOWLINE___1 23526	64.72 2.68 0.00	61.89 2.70 0.00	63.71 2.84 0.00	58.10 2.69 0.00	49.91 2.41 0.00	45.95 2.26 0.00	45.13 2.24 -3.94	45.03 1.95 -10.24	32.36 1.62 -2.36	29.86 1.57 -0.90	34.59 1.60 -5.46	39.53 2.00 -0.93	39.45 1.94 -2.22	38.38 1.75 -5.32	41.68 1.63 -11.70	32.30 2.03 6.35	47.71 2.38 -5.20	67.82 2.51 -24.85	64.48 2.49 -21.96	51.08 2.25 -11.48	44.29 2.33 -2.70	42.80 2.29 -1.93	58.49 2.35 -16.45	51.04 2.28 -7.56
BOWLINE___2 23595	64.72 2.68 0.00	61.89 2.70 0.00	63.71 2.84 0.00	58.10 2.69 0.00	49.91 2.41 0.00	45.95 2.26 0.00	45.12 2.24 -3.93	45.01 1.95 -10.23	32.35 1.62 -2.36	29.86 1.57 -0.90	34.59 1.60 -5.45	39.53 2.00 -0.93	39.45 1.94 -2.21	38.37 1.75 -5.31	41.68 1.63 -11.70	32.30 2.03 6.36	47.71 2.38 -5.20	67.80 2.51 -24.82	64.46 2.50 -21.94	51.07 2.25 -11.47	44.29 2.33 -2.70	42.80 2.29 -1.92	58.49 2.35 -16.44	51.04 2.28 -7.56
BRADY___115KV_TB2 356060	61.12 -0.92 0.00	58.41 -0.78 0.00	60.61 -0.26 0.00	54.76 -0.65 0.00	46.39 -1.11 0.00	42.71 -0.98 0.00	38.00 -0.96 -0.01	31.82 -1.02 0.00	27.67 -0.70 0.00	26.76 -0.63 0.00	26.83 -0.71 0.00	36.27 -0.33 0.00	34.72 -0.57 0.00	30.53 -0.83 -0.05	27.88 -0.65 -0.18	35.85 -0.80 -0.02	39.24 -0.95 -0.06	39.08 -1.50 -0.12	38.17 -1.89 -0.03	35.64 -1.71 0.00	37.69 -1.57 0.00	37.30 -1.29 0.00	38.94 -0.75 0.00	40.22 -0.98 0.00
BRANSCOMB___SOLAR 323811	65.16 3.13 0.00	62.24 3.05 0.00	63.77 2.90 0.00	58.10 2.69 0.00	49.92 2.42 0.00	46.03 2.34 0.00	42.88 2.31 -1.61	37.52 2.05 -2.63	30.70 1.72 -0.61	29.24 1.62 -0.23	30.63 1.69 -1.40	39.16 2.31 -0.24	38.13 2.27 -0.57	37.69 2.05 -4.33	43.37 1.89 -13.12	40.75 2.44 -1.70	47.48 2.79 -4.56	56.24 2.75 -13.03	54.50 2.74 -11.73	44.54 2.49 -4.70	45.24 2.63 -3.35	41.61 2.53 -0.50	58.81 2.67 -16.45	52.59 2.60 -8.79
BRENTWOD_69_KV_W. BRTWOOD 56703	66.06 4.02 0.00	63.28 4.10 0.00	64.43 3.56 0.00	59.03 3.62 0.00	50.74 3.25 0.00	46.69 3.00 0.00	45.43 3.14 -3.34	43.75 2.57 -8.35	32.61 2.31 -1.93	30.16 2.03 -0.73	34.29 2.30 -4.45	40.20 2.84 -0.76	39.80 2.70 -1.81	38.86 2.59 -4.96	42.48 2.45 -11.68	54.53 3.17 -14.74	48.98 3.92 -4.93	66.24 4.08 -21.70	62.93 3.69 -19.21	50.34 3.24 -9.75	45.25 3.23 -2.76	43.49 3.33 -1.57	58.99 3.30 -16.00	52.12 3.31 -7.61



BRISTLHL_115KV_TB1 79998	60.73 -1.32 0.00	57.89 -1.30 0.00	59.53 -1.34 0.00	54.19 -1.22 0.00	46.44 -1.05 0.00	42.71 -0.98 0.00	38.02 -0.98 -0.05	31.97 -0.87 0.00	27.66 -0.72 0.00	26.65 -0.74 0.00	26.73 -0.80 0.00	35.55 -1.06 0.00	34.29 -1.00 0.00	30.66 -0.88 -0.23	28.30 -0.83 -0.78	35.69 -1.03 -0.10	39.25 -1.13 -0.25	39.87 -1.10 -0.51	39.44 -1.07 -0.48	36.53 -0.95 -0.14	38.41 -1.06 -0.21	37.54 -1.05 0.00	39.53 -1.14 -0.97	40.59 -1.16 -0.54
BROOKHAVEN___DRP 24191	65.31 3.27 0.00	62.71 3.53 0.00	63.54 2.67 0.00	58.30 2.89 0.00	50.18 2.68 0.00	46.21 2.52 0.00	45.14 2.85 -3.34	43.40 2.22 -8.35	32.46 2.15 -1.93	29.88 1.75 -0.73	34.07 2.09 -4.45	39.86 2.50 -0.76	39.48 2.38 -1.81	38.56 2.29 -4.96	42.21 2.17 -11.68	54.01 2.81 -14.58	48.53 3.47 -4.93	65.68 3.52 -21.70	62.47 3.22 -19.21	49.91 2.81 -9.75	44.65 2.63 -2.76	43.02 2.86 -1.57	58.52 2.82 -16.00	51.60 2.79 -7.61
BROOKLYN_NAVY_YARD 23515	65.15 3.11 0.00	62.33 3.14 0.00	64.18 3.30 0.00	58.49 3.08 0.00	50.22 2.72 0.00	46.22 2.53 0.00	44.80 2.51 -3.34	43.42 2.21 -8.37	32.19 1.88 -1.93	30.04 1.91 -0.74	33.98 1.99 -4.46	39.83 2.46 -0.76	39.48 2.38 -1.81	38.43 2.16 -4.97	42.03 1.99 -11.68	44.49 2.49 -5.38	47.91 2.84 -4.93	65.07 2.88 -21.73	62.12 2.85 -19.24	49.77 2.65 -9.76	44.81 2.79 -2.76	42.87 2.71 -1.58	58.44 2.74 -16.00	51.55 2.74 -7.61
BROOKLYN___ARMY_DRP 323595	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
BROOKVLE_69_KV_TB1 55790	65.65 3.61 0.00	62.81 3.62 0.00	64.37 3.50 0.00	58.80 3.39 0.00	50.51 3.01 0.00	46.53 2.84 0.00	45.12 2.83 -3.34	43.60 2.42 -8.35	32.40 2.10 -1.93	30.12 1.99 -0.73	34.12 2.14 -4.45	40.06 2.69 -0.76	39.68 2.58 -1.81	38.67 2.40 -4.96	42.28 2.25 -11.68	59.98 2.86 -20.50	48.40 3.34 -4.93	65.61 3.45 -21.70	62.51 3.27 -19.21	50.04 2.94 -9.75	45.03 3.01 -2.76	43.18 3.03 -1.57	58.76 3.07 -16.00	51.84 3.02 -7.61
BROOME_2_LFGE 323671	62.29 0.25 0.00	59.39 0.20 0.00	61.17 0.30 0.00	55.68 0.28 0.00	47.76 0.26 0.00	43.86 0.16 0.00	38.92 0.15 0.19	31.71 0.01 1.17	28.12 0.01 0.27	27.31 0.01 0.10	26.89 -0.02 0.63	36.54 0.04 0.11	35.02 -0.02 0.25	31.95 -0.04 -0.68	31.36 -0.04 -3.05	37.04 -0.01 -0.43	41.00 0.07 -0.80	40.60 0.12 -0.01	40.32 0.18 -0.11	36.84 0.07 0.57	40.23 0.12 -0.85	38.36 0.00 0.22	43.16 0.04 -3.43	43.41 0.10 -2.11
BROOME___LFGE 323600	62.29 0.25 0.00	59.39 0.20 0.00	61.17 0.30 0.00	55.68 0.28 0.00	47.76 0.26 0.00	43.86 0.16 0.00	38.92 0.15 0.19	31.71 0.05 1.17	28.12 0.01 0.27	27.31 0.01 0.10	26.89 -0.02 0.63	36.54 0.04 0.11	35.02 -0.02 0.25	31.95 -0.04 -0.68	31.36 -0.04 -3.05	37.04 -0.01 -0.43	41.00 0.07 -0.80	40.60 0.12 -0.01	40.32 0.18 -0.11	36.84 0.07 0.57	40.23 0.12 -0.85	38.36 0.00 0.22	43.16 0.04 -3.43	43.41 0.10 -2.11
BROWNFLS_115KV_TB_3_5 80003	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.45 0.00	34.76 -0.53 0.00	30.78 -0.62 -0.09	28.04 -0.62 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.39 -1.99 -0.03	37.25 -2.06 -0.04	36.70 -1.89 0.00	37.98 -1.90 -0.20	39.30 -2.02 -0.11
BROWNSV1_27_KV_LOAD 356125	65.83 3.79 0.00	62.96 3.77 0.00	64.79 3.92 0.00	59.05 3.64 0.00	50.71 3.22 0.00	46.68 2.99 0.00	45.20 2.91 -3.34	43.75 2.54 -8.37	32.49 2.18 -1.93	30.33 2.20 -0.74	34.27 2.28 -4.46	40.24 2.88 -0.76	39.89 2.79 -1.81	38.79 2.52 -4.97	42.35 2.31 -11.68	44.91 2.91 -5.38	48.39 3.33 -4.93	65.59 3.40 -21.73	62.62 3.35 -19.24	50.22 3.10 -9.76	45.27 3.25 -2.76	43.32 3.16 -1.58	58.89 3.19 -16.00	51.98 3.17 -7.61
BURROWS___LYONSDAL 23803	62.06 0.02 0.00	58.81 -0.37 0.00	60.44 -0.44 0.00	54.69 -0.72 0.00	46.85 -0.65 0.00	43.26 -0.43 0.00	38.49 -0.48 -0.02	32.48 -0.36 0.00	28.11 -0.27 0.00	27.17 -0.22 0.00	27.36 -0.18 0.00	36.87 0.26 0.00	35.59 0.30 0.00	31.65 0.25 -0.10	28.79 0.09 -0.34	36.74 0.08 -0.05	40.27 0.03 -0.11	40.43 -0.25 -0.22	39.72 -0.47 -0.16	36.84 -0.55 -0.04	38.74 -0.58 -0.07	38.04 -0.54 0.00	39.14 -0.85 -0.29	40.47 -0.90 -0.17
CAITHNESS_CC_1 323624	65.31 3.27 0.00	62.66 3.47 0.00	63.57 2.70 0.00	58.31 2.91 0.00	50.17 2.66 0.00	46.20 2.51 0.00	45.08 2.80 -3.34	43.39 2.20 -8.35	32.42 2.11 -1.93	29.88 1.75 -0.73	34.04 2.06 -4.45	39.84 2.47 -0.76	39.46 2.35 -1.81	38.54 2.27 -4.96	42.18 2.14 -11.68	53.95 2.75 -14.58	48.48 3.42 -4.93	65.64 3.48 -21.70	62.42 3.17 -19.21	49.87 2.77 -9.75	44.65 2.63 -2.76	42.98 2.82 -1.57	58.48 2.79 -16.00	51.59 2.78 -7.61
CALPINE BETH_PAGE_GT4 24209	65.53 3.49 0.00	62.71 3.52 0.00	64.08 3.20 0.00	58.61 3.20 0.00	50.38 2.88 0.00	46.37 2.68 0.00	45.03 2.74 -3.34	43.47 2.29 -8.35	32.33 2.03 -1.93	29.99 1.86 -0.73	34.05 2.06 -4.45	39.92 2.56 -0.76	39.55 2.45 -1.81	38.60 2.33 -4.96	42.22 2.19 -11.68	56.24 2.77 -16.85	48.25 3.19 -4.93	65.49 3.34 -21.70	62.30 3.05 -19.21	49.80 2.70 -9.75	44.74 2.72 -2.76	42.99 2.83 -1.57	58.65 2.96 -16.00	51.75 2.93 -7.61
CALPINE_BETH_PAGE_GT_4 323586	65.52 3.48 0.00	62.71 3.52 0.00	64.07 3.20 0.00	58.61 3.20 0.00	50.38 2.88 0.00	46.37 2.68 0.00	45.03 2.74 -3.34	43.47 2.29 -8.35	32.33 2.03 -1.93	29.99 1.86 -0.73	34.04 2.06 -4.45	39.92 2.56 -0.76	39.55 2.45 -1.81	38.60 2.33 -4.96	42.22 2.19 -11.68	56.25 2.78 -16.85	48.25 3.19 -4.93	65.49 3.33 -21.70	62.29 3.05 -19.21	49.80 2.71 -9.75	44.74 2.72 -2.76	42.99 2.83 -1.57	58.65 2.96 -16.00	51.75 2.94 -7.61
CALPINE_BP_GT1 23823	65.52 3.48 0.00	62.71 3.52 0.00	64.07 3.20 0.00	58.61 3.20 0.00	50.38 2.88 0.00	46.37 2.68 0.00	45.03 2.74 -3.34	43.47 2.29 -8.35	32.33 2.03 -1.93	29.99 1.86 -0.73	34.04 2.06 -4.45	39.92 2.56 -0.76	39.55 2.45 -1.81	38.60 2.33 -4.96	42.22 2.19 -11.68	56.25 2.78 -16.85	48.25 3.19 -4.93	65.49 3.33 -21.70	62.29 3.05 -19.21	49.80 2.71 -9.75	44.74 2.72 -2.76	42.99 2.83 -1.57	58.65 2.96 -16.00	51.75 2.94 -7.61
CALSPAN___DRP 24200	60.45 -1.59 0.00	57.54 -1.64 0.00	59.69 -1.19 0.00	54.35 -1.06 0.00	46.19 -1.31 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	31.07 -1.77 0.00	27.07 -1.31 0.00	24.37 -1.34 1.68	25.92 -1.62 0.00	34.49 -2.12 0.00	33.08 -2.21 0.00	25.00 -2.14 4.18	24.38 -2.17 1.80	34.13 -2.69 -0.21	37.59 -2.96 -0.42	37.09 -2.71 0.67	32.95 -2.64 4.44	25.32 -2.50 9.53	30.17 -2.59 6.50	35.74 -2.64 0.21	39.12 -2.45 -1.88	39.76 -2.49 -1.05

CALVERTON___SOLAR 323806	65.34 3.31 0.00	62.78 3.60 0.00	63.55 2.67 0.00	58.30 2.89 0.00	50.19 2.70 0.00	46.26 2.56 0.00	45.21 2.92 -3.34	43.43 2.24 -8.35	32.51 2.21 -1.93	29.90 1.77 -0.73	34.11 2.12 -4.45	39.90 2.54 -0.76	39.52 2.42 -1.81	38.59 2.32 -4.96	42.24 2.21 -11.68	54.08 2.88 -14.58	48.60 3.54 -4.93	65.73 3.57 -21.70	62.54 3.29 -19.21	49.98 2.88 -9.75	44.68 2.66 -2.76	43.06 2.90 -1.57	58.55 2.86 -16.00	51.64 2.83 -7.61
CANDIGU_WT_PWR 323617	59.66 -2.38 0.00	56.81 -2.37 0.00	58.64 -2.24 0.00	53.53 -1.88 0.00	45.78 -1.72 0.00	41.94 -1.76 0.00	37.36 -1.72 -0.13	31.05 -1.79 0.00	26.90 -1.48 0.00	22.73 -1.49 3.17	25.87 -1.67 0.00	34.47 -2.14 0.00	33.09 -2.20 0.00	5.88 -2.08 23.35	11.73 -1.91 14.72	34.62 -2.29 -0.29	38.09 -2.32 -0.27	30.97 -2.19 7.30	11.31 -2.17 26.55	-13.28 -2.29 48.34	1.82 -2.24 35.20	35.07 -2.44 1.08	39.97 -2.33 -2.61	40.42 -2.25 -1.46
CARR STREET_E_SYR 24060	61.37 -0.67 0.00	58.50 -0.69 0.00	60.22 -0.65 0.00	54.80 -0.61 0.00	46.96 -0.54 0.00	43.19 -0.50 0.00	38.45 -0.56 -0.05	32.33 -0.51 0.00	27.97 -0.41 0.00	26.95 -0.44 0.00	27.05 -0.49 0.00	35.96 -0.65 0.00	34.66 -0.63 0.00	31.03 -0.54 -0.26	28.73 -0.51 -0.89	36.11 -0.63 -0.12	39.72 -0.70 -0.28	40.39 -0.66 -0.58	39.94 -0.63 -0.54	36.92 -0.59 -0.16	38.86 -0.64 -0.24	37.92 -0.66 0.00	40.06 -0.72 -1.09	41.11 -0.71 -0.61
CARTHAGE___PAPER 23857	61.43 -0.61 0.00	57.99 -1.20 0.00	59.41 -1.46 0.00	53.62 -1.79 0.00	45.93 -1.57 0.00	42.72 -0.98 0.00	37.83 -1.16 -0.03	31.86 -0.97 0.00	27.60 -0.78 0.00	26.72 -0.67 0.00	26.90 -0.64 0.00	36.58 -0.03 0.00	35.26 -0.03 0.00	31.41 -0.04 -0.14	28.69 -0.14 -0.47	36.38 -0.30 -0.06	39.78 -0.51 -0.15	40.02 -0.75 -0.31	40.04 -0.43 -0.44	37.36 -0.12 -0.14	39.02 -0.45 -0.21	38.18 -0.40 0.00	39.59 -1.09 -0.98	40.45 -1.30 -0.55
CASSADAGA_WT_PWR 323784	60.47 -1.57 0.00	57.70 -1.48 0.00	60.23 -0.65 0.00	54.79 -0.62 0.00	46.49 -1.01 0.00	42.51 -1.18 0.00	37.64 -1.42 -0.10	30.94 -1.89 0.00	26.99 -1.39 0.00	24.13 -1.43 1.83	25.80 -1.73 0.00	34.27 -2.34 0.00	32.93 -2.36 0.00	25.97 -2.22 3.12	25.17 -2.15 1.04	34.18 -2.66 -0.22	37.48 -3.11 -0.45	37.25 -2.97 0.25	33.99 -2.84 3.20	26.94 -2.88 7.53	31.21 -3.11 4.93	35.20 -3.22 0.16	38.84 -2.81 -1.96	39.71 -2.59 -1.10
CE_DUNWOOD___DRP 24194	64.99 2.95 0.00	62.14 2.95 0.00	63.90 3.03 0.00	58.27 2.86 0.00	50.04 2.54 0.00	46.08 2.38 0.00	44.71 2.36 -3.40	43.45 2.08 -8.54	32.10 1.75 -1.97	29.87 1.72 -0.75	33.87 1.79 -4.55	39.63 2.25 -0.77	39.32 2.17 -1.85	38.29 1.84 -5.00	41.87 2.32 -11.69	44.62 2.68 -5.68	47.77 2.76 -4.95	65.23 2.72 -22.01	62.23 2.72 -19.48	49.75 2.48 -9.92	44.60 2.58 -2.76	42.72 2.52 -1.61	58.33 2.58 -16.05	51.33 2.52 -7.61
CE_MILLWOOD___DRP 24193	64.89 2.85 0.00	62.04 2.85 0.00	63.80 2.93 0.00	58.16 2.76 0.00	49.97 2.47 0.00	46.01 2.32 0.00	44.73 2.30 -3.48	43.65 2.02 -8.80	32.10 1.70 -2.03	29.83 1.66 -0.77	33.94 1.72 -4.69	39.56 2.16 -0.80	39.28 2.08 -1.90	38.25 1.89 -5.05	41.81 1.76 -11.69	44.73 2.22 -5.89	47.70 2.57 -4.99	65.58 2.68 -22.44	62.53 2.63 -19.87	49.91 2.40 -10.16	44.51 2.50 -2.75	42.69 2.44 -1.66	58.30 2.50 -16.11	51.23 2.43 -7.60
CE_NYC2_DRP 24202	65.40 3.36 0.00	62.54 3.35 0.00	64.35 3.47 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.35 2.66 0.00	44.90 2.60 -3.34	43.50 2.30 -8.36	32.28 1.97 -1.93	30.11 1.98 -0.74	34.06 2.06 -4.46	39.96 2.60 -0.76	39.62 2.52 -1.81	38.54 2.27 -4.97	42.10 2.07 -11.68	44.56 2.57 -5.37	47.97 2.91 -4.93	65.16 2.98 -21.72	62.20 2.94 -19.23	49.83 2.72 -9.76	44.84 2.81 -2.76	42.90 2.74 -1.58	58.45 2.76 -16.00	51.54 2.73 -7.61
CE_NYC_DRP 24195	65.32 3.28 0.00	62.49 3.30 0.00	64.32 3.45 0.00	58.63 3.22 0.00	50.34 2.85 0.00	46.34 2.65 0.00	44.89 2.60 -3.34	43.49 2.28 -8.37	32.27 1.96 -1.93	30.10 1.97 -0.74	34.05 2.05 -4.46	39.95 2.58 -0.76	39.60 2.49 -1.81	38.53 2.26 -4.97	42.11 2.07 -11.68	44.60 2.60 -5.38	48.03 2.96 -4.93	65.21 3.02 -21.73	62.23 2.96 -19.24	49.86 2.75 -9.76	44.90 2.87 -2.76	42.96 2.80 -1.58	58.52 2.83 -16.00	51.61 2.80 -7.61
CHAFFEE___LFGE 323603	60.97 -1.07 0.00	58.05 -1.14 0.00	60.22 -0.65 0.00	54.81 -0.59 0.00	46.61 -0.89 0.00	42.81 -0.88 0.00	37.84 -1.20 -0.10	31.43 -1.41 0.00	27.37 -1.01 0.00	24.59 -1.03 1.77	26.23 -1.31 0.00	34.87 -1.73 0.00	33.44 -1.85 0.00	26.16 -1.78 3.37	25.30 -1.85 1.21	34.57 -2.26 -0.21	38.08 -2.50 -0.45	37.92 -2.19 0.35	34.45 -2.09 3.49	27.32 -2.04 8.00	31.88 -2.08 5.30	36.22 -2.19 0.17	39.62 -2.02 -1.94	40.27 -2.02 -1.09
CHATEAUG_35_KV_LOAD 355732	59.36 -2.68 0.00	56.91 -2.27 0.00	59.11 -1.76 0.00	53.53 -1.88 0.00	45.36 -2.14 0.00	41.78 -1.91 0.00	37.24 -1.72 0.00	31.17 -1.66 0.00	27.10 -1.28 0.00	26.19 -1.21 0.00	26.16 -1.38 0.00	35.57 -1.03 0.00	34.06 -1.24 0.00	30.05 -1.25 0.00	27.37 -0.98 0.00	35.28 -1.34 0.00	38.31 -1.83 0.00	38.03 -2.44 0.00	37.26 -2.77 0.00	34.89 -2.46 0.00	36.91 -2.35 0.00	36.47 -2.12 0.00	38.21 -1.48 0.00	39.38 -1.82 0.00
CHATEAUG_WT_PWR 323614	59.25 -2.79 0.00	56.78 -2.40 0.00	58.97 -1.90 0.00	53.45 -1.96 0.00	45.33 -2.17 0.00	41.75 -1.94 0.00	37.23 -1.73 0.00	31.16 -1.67 0.00	27.09 -1.29 0.00	26.20 -1.20 0.00	26.14 -1.40 0.00	35.57 -1.04 0.00	34.07 -1.23 0.00	30.08 -1.23 0.00	27.40 -0.95 0.00	35.27 -1.35 0.00	38.27 -1.87 0.00	38.01 -2.45 0.00	37.24 -2.79 0.00	34.89 -2.45 0.00	36.88 -2.38 0.00	36.43 -2.15 0.00	38.19 -1.50 0.00	39.34 -1.86 0.00
CHAT_HIGH_FALL_HYD 323578	59.36 -2.68 0.00	56.91 -2.27 0.00	59.11 -1.76 0.00	53.53 -1.88 0.00	45.36 -2.14 0.00	41.78 -1.91 0.00	37.24 -1.72 0.00	31.17 -1.66 0.00	27.10 -1.28 0.00	26.19 -1.21 0.00	26.16 -1.38 0.00	35.57 -1.03 0.00	34.06 -1.24 0.00	30.05 -1.25 0.00	27.37 -0.98 0.00	35.28 -1.34 0.00	38.31 -1.83 0.00	38.03 -2.44 0.00	37.26 -2.77 0.00	34.89 -2.46 0.00	36.91 -2.35 0.00	36.47 -2.12 0.00	38.21 -1.48 0.00	39.38 -1.82 0.00
CHAUTAUQUA___LFGE 323629	60.39 -1.65 0.00	57.54 -1.65 0.00	59.81 -1.07 0.00	54.42 -0.99 0.00	46.27 -1.22 0.00	42.43 -1.26 0.00	37.47 -1.58 -0.09	30.97 -1.87 0.00	27.01 -1.37 0.00	24.19 -1.45 1.76	25.79 -1.75 0.00	34.27 -2.34 0.00	32.89 -2.40 0.00	25.15 -2.26 3.90	24.52 -2.23 1.60	34.07 -2.76 -0.21	37.45 -3.12 -0.43	37.00 -2.91 0.55	33.11 -2.81 4.11	25.56 -2.76 9.03	30.27 -2.90 6.09	35.41 -2.98 0.19	38.90 -2.71 -1.92	39.61 -2.67 -1.07
CHERRYST_13_KV_LD 356241	65.50 3.46 0.00	62.66 3.48 0.00	64.49 3.62 0.00	58.79 3.38 0.00	50.49 2.99 0.00	46.47 2.77 0.00	45.01 2.71 -3.34	43.59 2.38 -8.37	32.35 2.04 -1.93	30.19 2.06 -0.74	34.13 2.14 -4.46	40.06 2.70 -0.76	39.71 2.61 -1.81	38.63 2.35 -4.97	42.19 2.16 -11.68	44.72 2.72 -5.38	48.15 3.09 -4.93	65.33 3.14 -21.73	62.35 3.08 -19.24	49.98 2.87 -9.76	45.02 2.99 -2.76	43.08 2.92 -1.58	58.64 2.95 -16.00	51.74 2.92 -7.61

CHESTROR_138KV_BK263 355645	64.55 2.51 0.00	61.68 2.49 0.00	63.47 2.59 0.00	57.86 2.45 0.00	49.70 2.20 0.00	45.74 2.04 0.00	50.71 2.02 -9.73	62.77 1.76 -28.18	36.33 1.45 -6.50	31.26 1.38 -2.48	43.95 1.40 -15.01	40.90 1.74 -2.56	43.09 1.69 -6.10	42.11 1.56 -9.24	43.66 1.47 -13.84	34.84 1.87 3.64	50.86 2.18 -8.55	99.98 2.31 -57.22	92.26 2.28 -49.95	68.31 2.06 -28.90	44.00 2.14 -2.61	46.07 2.09 -5.39	64.96 2.14 -23.13	51.64 2.06 -8.38
CH_MIDHUDSON___DRP 24192	64.91 2.87 0.00	62.02 2.84 0.00	63.75 2.87 0.00	58.10 2.69 0.00	49.90 2.40 0.00	45.96 2.27 0.00	44.12 2.25 -2.91	41.84 1.99 -7.02	31.68 1.68 -1.62	29.65 1.64 -0.62	32.95 1.68 -3.74	39.36 2.12 -0.64	38.88 2.07 -1.52	37.90 1.89 -4.70	41.75 1.76 -11.63	40.30 2.28 -1.41	47.52 2.64 -4.75	62.90 2.74 -19.70	60.13 2.68 -17.42	48.46 2.46 -8.65	44.62 2.56 -2.80	42.43 2.49 -1.35	57.89 2.55 -15.65	51.30 2.47 -7.62
CH_MISC_IPPS 23765	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.13 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.70 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.92 1.83 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.31 -1.71	38.28 2.11 -4.86	41.94 1.98 -11.61	40.56 2.55 -1.39	47.98 2.96 -4.89	64.90 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58
CH_RES_BVR_FALLS 23983	60.59 -1.45 0.00	57.71 -1.47 0.00	59.69 -1.18 0.00	54.03 -1.37 0.00	46.00 -1.50 0.00	42.27 -1.43 0.00	37.59 -1.37 0.00	31.59 -1.24 0.00	27.40 -0.98 0.00	26.52 -0.88 0.00	26.71 -0.82 0.00	35.82 -0.79 0.00	34.38 -0.91 0.00	30.31 -1.00 0.00	27.49 -0.86 0.00	35.47 -1.15 0.00	38.74 -1.39 0.00	38.77 -1.69 0.00	38.17 -1.85 0.00	35.72 -1.63 0.00	37.67 -1.59 0.00	37.14 -1.45 0.00	38.45 -1.24 0.00	39.83 -1.38 0.00
CH_RES_NIAGARA 23895	58.61 -3.43 0.00	55.80 -3.39 0.00	57.98 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.50 0.00	36.37 -2.67 -0.09	30.08 -2.76 0.00	26.27 -2.11 0.00	23.77 -2.16 1.46	25.05 -2.49 0.00	33.14 -3.47 0.00	31.76 -3.54 0.00	24.84 -3.29 3.17	23.88 -3.28 1.19	32.59 -4.22 -0.19	35.84 -4.69 -0.40	35.63 -4.47 0.37	32.35 -4.37 3.31	25.96 -3.95 7.43	30.03 -4.25 4.98	34.27 -4.16 0.16	37.54 -3.89 -1.75	38.10 -4.08 -0.98
CH_RES_SYRACUSE 23985	61.71 -0.33 0.00	58.83 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.21 -0.29 0.00	43.41 -0.28 0.00	38.68 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.19 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.35 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.04 -0.41 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.19 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
CLINTON_WT_PWR 323605	59.25 -2.79 0.00	56.78 -2.40 0.00	58.97 -1.90 0.00	53.45 -1.96 0.00	45.33 -2.17 0.00	41.75 -1.94 0.00	37.23 -1.73 0.00	31.16 -1.67 0.00	27.09 -1.29 0.00	26.20 -1.20 0.00	26.14 -1.40 0.00	35.57 -1.04 0.00	34.07 -1.23 0.00	30.08 -1.23 0.00	27.40 -0.95 0.00	35.27 -1.35 0.00	38.27 -1.87 0.00	38.01 -2.45 0.00	37.24 -2.79 0.00	34.89 -2.45 0.00	36.88 -2.38 0.00	36.43 -2.15 0.00	38.19 -1.50 0.00	39.34 -1.86 0.00
CLINTON___LFGE 323618	60.30 -1.74 0.00	57.81 -1.38 0.00	60.03 -0.84 0.00	54.45 -0.96 0.00	46.16 -1.33 0.00	42.49 -1.20 0.00	37.94 -1.01 0.00	31.80 -1.04 0.00	27.63 -0.75 0.00	26.74 -0.66 0.00	26.70 -0.84 0.00	36.31 -0.30 0.00	34.78 -0.51 0.00	30.67 -0.64 0.00	27.96 -0.39 0.00	36.01 -0.61 0.00	39.10 -1.03 0.00	38.85 -1.61 0.00	38.07 -1.96 0.00	35.65 -1.70 0.00	37.69 -1.57 0.00	37.20 -1.39 0.00	38.95 -0.74 0.00	40.11 -1.09 0.00
COBBLENY_34_KV_TB1 80064	60.98 -1.06 0.00	58.05 -1.14 0.00	60.22 -0.65 0.00	54.81 -0.60 0.00	46.61 -0.89 0.00	42.81 -0.88 0.00	37.84 -1.20 -0.10	31.42 -1.42 0.00	27.37 -1.01 0.00	24.61 -1.01 1.77	26.21 -1.33 0.00	34.87 -1.73 0.00	33.45 -1.84 0.00	26.14 -1.80 3.37	25.29 -1.85 1.21	34.54 -2.30 -0.21	38.06 -2.52 -0.45	37.88 -2.23 0.35	34.41 -2.12 3.49	27.32 -2.04 8.00	31.82 -2.14 5.30	36.22 -2.20 0.17	39.61 -2.02 -1.94	40.25 -2.04 -1.09
COFFEEN___115KV_TB3 355620	61.34 -0.70 0.00	57.85 -1.34 0.00	59.12 -1.75 0.00	53.41 -2.00 0.00	45.80 -1.70 0.00	42.85 -0.84 0.00	37.84 -1.14 -0.03	31.85 -0.99 0.00	27.57 -0.81 0.00	26.63 -0.76 0.00	26.80 -0.73 0.00	36.42 -0.19 0.00	35.12 -0.18 0.00	31.34 -0.12 -0.15	28.74 -0.14 -0.53	36.36 -0.33 -0.07	39.70 -0.60 -0.17	39.93 -0.87 -0.35	39.73 -0.74 -0.44	37.06 -0.43 -0.14	38.71 -0.76 -0.21	37.93 -0.65 0.00	39.38 -1.29 -0.98	40.21 -1.54 -0.55
COLDSPRG_115KV_BK1 355956	62.55 0.51 0.00	59.66 0.47 0.00	62.16 1.28 0.00	56.58 1.18 0.00	48.09 0.59 0.00	43.89 0.20 0.00	38.94 -0.12 -0.10	32.24 -0.59 0.00	28.05 -0.33 0.00	25.22 -0.22 1.96	27.13 -0.41 0.00	36.14 -0.47 0.00	34.65 -0.64 0.00	28.76 -0.66 1.89	27.41 -0.80 0.15	35.85 -0.99 -0.22	39.46 -1.17 -0.49	39.72 -0.97 -0.23	37.45 -0.82 1.75	31.18 -1.01 5.17	35.06 -1.09 3.11	37.26 -1.22 0.11	40.73 -1.00 -2.04	41.53 -0.82 -1.14
COLONIE_LFGE___ 323577	64.19 2.15 0.00	61.31 2.12 0.00	62.82 1.94 0.00	57.23 1.81 0.00	49.12 1.62 0.00	45.30 1.60 0.00	42.20 1.60 -1.65	37.04 1.43 -2.78	30.23 1.21 -0.64	28.87 1.23 -0.24	30.31 1.30 -1.48	38.57 1.71 -0.25	37.59 1.69 -0.60	37.17 1.54 -4.33	42.74 1.39 -13.00	40.08 1.79 -1.68	46.66 1.98 -4.55	55.60 1.93 -13.21	53.86 1.95 -11.88	43.96 1.78 -4.82	44.49 1.92 -3.31	40.99 1.88 -0.53	58.00 1.97 -16.33	51.79 1.89 -8.70
COOPERNY_115KV_TB1 80082	63.37 1.33 0.00	60.51 1.32 0.00	62.26 1.38 0.00	56.71 1.31 0.00	48.69 1.19 0.00	44.76 1.06 0.00	37.41 1.03 2.58	24.45 0.86 9.24	26.92 0.67 2.13	27.24 0.66 0.81	23.30 0.69 4.92	36.57 0.81 0.84	34.07 0.77 2.00	32.01 0.71 0.01	34.79 0.68 -5.75	36.55 0.86 0.94	41.64 1.01 -0.49	29.73 1.13 11.86	31.06 1.12 10.08	30.72 0.98 7.62	42.12 1.01 -1.85	37.81 0.97 1.75	45.53 0.98 -4.85	46.36 0.95 -4.22
COPENHAGEN_WT_PWR 323753	60.60 -1.44 0.00	57.10 -2.09 0.00	58.19 -2.68 0.00	52.53 -2.88 0.00	44.99 -2.51 0.00	42.09 -1.60 0.00	37.18 -1.81 -0.03	31.32 -1.52 0.00	27.10 -1.28 0.00	26.11 -1.28 0.00	26.29 -1.25 0.00	35.82 -0.78 0.00	34.51 -0.78 0.00	30.85 -0.62 -0.16	28.29 -0.61 -0.55	35.71 -0.98 -0.07	38.89 -1.42 -0.18	39.08 -1.73 -0.36	38.87 -1.60 -0.45	36.27 -1.22 -0.14	37.91 -1.56 -0.21	37.20 -1.39 0.00	38.65 -2.02 -0.98	39.46 -2.29 -0.55
CORNELL_____ 23752	63.06 1.02 0.00	60.09 0.90 0.00	61.84 0.96 0.00	56.29 0.88 0.00	48.25 0.75 0.00	44.37 0.68 0.00	39.72 0.64 -0.13	33.36 0.52 0.00	28.84 0.46 0.00	34.61 0.40 -6.81	27.89 0.35 0.00	37.12 0.52 0.00	35.74 0.45 0.00	33.80 0.38 -2.11	32.60 0.34 -3.91	37.43 0.51 -0.29	41.58 0.71 -0.73	43.23 0.80 -1.97	43.90 0.85 -3.02	43.99 0.72 -5.92	42.76 0.74 -2.76	39.28 0.63 -0.06	42.96 0.59 -2.67	43.34 0.64 -1.50

CORONA_69_KV_TB1 355595	65.59 3.56 0.00	62.74 3.56 0.00	64.19 3.31 0.00	58.70 3.30 0.00	50.44 2.94 0.00	46.42 2.73 0.00	45.05 2.76 -3.34	43.51 2.32 -8.35	32.33 2.03 -1.93	30.02 1.90 -0.73	34.06 2.07 -4.45	39.97 2.60 -0.76	39.60 2.50 -1.81	38.62 2.35 -4.96	42.23 2.19 -11.68	61.30 2.78 -21.91	48.46 3.39 -4.93	65.62 3.46 -21.70	62.46 3.22 -19.21	49.99 2.90 -9.75	44.99 2.97 -2.76	43.15 2.99 -1.57	58.71 3.02 -16.00	51.81 2.99 -7.61
CORTLAND_115KV_TB3 80093	62.53 0.49 0.00	59.61 0.42 0.00	61.36 0.48 0.00	55.83 0.42 0.00	47.88 0.38 0.00	44.02 0.33 0.00	39.36 0.30 -0.11	33.05 0.22 0.00	28.56 0.18 0.00	29.38 0.14 -1.85	27.65 0.11 0.00	36.79 0.19 0.00	35.45 0.15 0.00	31.97 0.14 -0.52	30.46 0.13 -1.97	37.08 0.22 -0.24	41.02 0.31 -0.57	41.98 0.36 -1.17	41.48 0.38 -1.08	38.67 0.29 -1.03	40.04 0.31 -0.47	38.80 0.22 0.00	42.05 0.20 -2.16	42.64 0.22 -1.21
COXSACKIE___GT 23611	66.48 4.44 0.00	63.33 4.15 0.00	64.94 4.07 0.00	59.12 3.71 0.00	50.65 3.15 0.00	46.64 2.94 0.00	43.59 2.80 -1.84	38.85 2.54 -3.48	31.30 2.12 -0.80	29.61 1.92 -0.31	31.04 1.65 -1.85	39.12 2.19 -0.31	38.27 2.23 -0.75	37.82 2.24 -4.27	42.63 1.91 -12.36	41.21 3.02 -1.58	48.22 3.63 -4.45	58.21 3.69 -14.06	56.25 3.63 -12.58	45.91 3.16 -5.41	45.66 3.28 -3.12	42.43 3.18 -0.67	58.56 3.14 -15.73	52.55 3.11 -8.24
CPV_VALLEY___CC1 323721	63.02 0.98 0.00	60.18 1.00 0.00	61.91 1.03 0.00	56.39 0.98 0.00	48.41 0.91 0.00	44.45 0.75 0.00	36.73 0.72 2.94	23.08 0.56 10.32	26.39 0.40 2.38	26.89 0.41 0.91	22.49 0.45 5.50	36.11 0.44 0.94	33.49 0.43 2.23	31.40 0.41 0.32	34.14 0.41 -5.37	36.10 0.52 1.03	40.96 0.61 -0.21	27.26 0.75 13.95	28.86 0.74 11.91	29.28 0.63 8.70	41.65 0.60 -1.79	37.22 0.59 1.96	44.42 0.58 -4.15	45.68 0.48 -4.00
CPV_VALLEY___CC2 323722	63.02 0.98 0.00	60.18 1.00 0.00	61.91 1.03 0.00	56.39 0.98 0.00	48.41 0.91 0.00	44.45 0.75 0.00	36.73 0.72 2.94	23.08 0.56 10.32	26.39 0.40 2.38	26.89 0.41 0.91	22.49 0.45 5.50	36.11 0.44 0.94	33.49 0.43 2.23	31.40 0.41 0.32	34.14 0.41 -5.37	36.10 0.52 1.03	40.96 0.61 -0.21	27.26 0.75 13.95	28.86 0.74 11.91	29.28 0.63 8.70	41.65 0.60 -1.79	37.22 0.59 1.96	44.42 0.58 -4.15	45.68 0.48 -4.00
CRESCENT___HYD 24018	64.19 2.15 0.00	61.31 2.12 0.00	62.82 1.94 0.00	57.23 1.81 0.00	49.12 1.62 0.00	45.30 1.60 0.00	42.20 1.60 -1.65	37.04 1.43 -2.78	30.23 1.21 -0.64	28.87 1.23 -0.24	30.31 1.30 -1.48	38.57 1.71 -0.25	37.59 1.69 -0.60	37.17 1.54 -4.33	42.74 1.39 -13.00	40.08 1.79 -1.68	46.66 1.98 -4.55	55.60 1.93 -13.21	53.86 1.95 -11.88	43.96 1.78 -4.82	44.49 1.92 -3.31	40.99 1.88 -0.53	58.00 1.97 -16.33	51.79 1.89 -8.70
CRICKET___VALLEY_CC1 323756	64.05 2.02 0.00	61.21 2.02 0.00	62.85 1.97 0.00	57.26 1.85 0.00	49.18 1.68 0.00	45.33 1.64 0.00	43.29 1.70 -2.64	40.50 1.55 -6.12	31.11 1.32 -1.41	29.25 1.32 -0.54	32.14 1.35 -3.26	38.86 1.70 -0.55	38.26 1.64 -1.32	37.38 1.49 -4.58	41.56 1.41 -11.79	41.35 1.85 -2.88	46.94 2.16 -4.64	60.73 2.22 -18.05	58.25 2.17 -16.04	47.06 1.99 -7.72	44.22 2.09 -2.88	41.77 2.02 -1.16	57.41 2.08 -15.63	50.92 1.95 -7.76
CRICKET___VALLEY_CC2 323757	64.05 2.02 0.00	61.21 2.02 0.00	62.85 1.97 0.00	57.26 1.85 0.00	49.18 1.68 0.00	45.33 1.64 0.00	43.29 1.70 -2.64	40.50 1.55 -6.12	31.11 1.32 -1.41	29.25 1.32 -0.54	32.14 1.35 -3.26	38.86 1.70 -0.55	38.26 1.64 -1.32	37.38 1.49 -4.58	41.56 1.41 -11.79	41.35 1.85 -2.88	46.94 2.16 -4.64	60.73 2.22 -18.05	58.25 2.17 -16.04	47.06 1.99 -7.72	44.22 2.09 -2.88	41.77 2.02 -1.16	57.41 2.08 -15.63	50.92 1.95 -7.76
CRICKET___VALLEY_CC3 323758	64.05 2.02 0.00	61.21 2.02 0.00	62.85 1.97 0.00	57.26 1.85 0.00	49.18 1.68 0.00	45.33 1.64 0.00	43.29 1.70 -2.64	40.50 1.55 -6.12	31.11 1.32 -1.41	29.25 1.32 -0.54	32.14 1.35 -3.26	38.86 1.70 -0.55	38.26 1.64 -1.32	37.38 1.49 -4.58	41.56 1.41 -11.79	41.35 1.85 -2.88	46.94 2.16 -4.64	60.73 2.22 -18.05	58.25 2.17 -16.04	47.06 1.99 -7.72	44.22 2.09 -2.88	41.77 2.02 -1.16	57.41 2.08 -15.63	50.92 1.95 -7.76
CRUCIBLE_METL_DRP 24180	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
DAHOWA___HYDRO 323763	65.51 3.47 0.00	62.56 3.37 0.00	64.07 3.20 0.00	58.39 2.98 0.00	50.18 2.69 0.00	46.29 2.60 0.00	43.12 2.56 -1.61	37.71 2.27 -2.60	30.89 1.91 -0.60	29.42 1.80 -0.23	30.80 1.88 -1.38	39.41 2.57 -0.24	38.37 2.52 -0.56	37.90 2.26 -4.33	43.59 2.09 -13.14	40.99 2.68 -1.70	47.78 3.08 -4.57	56.50 3.04 -13.00	54.78 3.04 -11.71	44.77 2.74 -4.68	45.52 2.89 -3.36	41.85 2.78 -0.49	59.07 2.91 -16.47	52.86 2.85 -8.80
DANC___LFGE 323619	60.74 -1.30 0.00	57.49 -1.70 0.00	58.81 -2.06 0.00	53.27 -2.14 0.00	45.64 -1.86 0.00	42.41 -1.28 0.00	37.55 -1.44 -0.04	31.61 -1.22 0.00	27.37 -1.01 0.00	26.38 -1.01 0.00	26.52 -1.02 0.00	35.78 -0.82 0.00	34.50 -0.79 0.00	30.84 -0.66 -0.19	28.35 -0.63 -0.63	35.75 -0.95 -0.08	39.09 -1.25 -0.20	39.42 -1.45 -0.41	39.13 -1.36 -0.46	36.41 -1.08 -0.14	38.17 -1.30 -0.21	37.41 -1.17 0.00	39.07 -1.60 -0.98	39.97 -1.78 -0.55
DANSKAMMER___1 23586	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.13 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.70 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.92 1.83 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.31 -1.71	38.28 2.11 -4.86	41.94 1.98 -11.61	40.56 2.55 -1.39	47.98 2.96 -4.89	64.90 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58
DANSKAMMER___2 23589	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.13 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.70 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.92 1.83 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.31 -1.71	38.28 2.11 -4.86	41.94 1.98 -11.61	40.56 2.55 -1.39	47.98 2.96 -4.89	64.90 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58
DANSKAMMER___3 23590	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.13 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.70 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.92 1.83 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.31 -1.71	38.28 2.11 -4.86	41.94 1.98 -11.61	40.56 2.55 -1.39	47.98 2.96 -4.89	64.90 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58

DANSKAMMER___4 23591	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.13 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.70 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.92 1.83 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.31 -1.71	38.28 2.11 -4.86	41.94 1.98 -11.61	40.56 2.55 -1.39	47.98 2.96 -4.89	64.90 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58
DANSKAMMER___DIESEL 23592	65.39 3.35 0.00	62.48 3.29 0.00	64.23 3.36 0.00	58.54 3.14 0.00	50.28 2.78 0.00	46.30 2.61 0.00	44.71 2.56 -3.19	42.99 2.25 -7.91	32.10 1.89 -1.83	29.91 1.82 -0.70	33.60 1.85 -4.21	39.68 2.36 -0.72	39.31 2.30 -1.71	38.28 2.11 -4.86	41.95 1.98 -11.61	40.56 2.55 -1.39	47.98 2.95 -4.89	64.91 3.09 -21.36	61.89 3.04 -18.82	49.68 2.77 -9.57	44.91 2.89 -2.76	42.92 2.79 -1.54	58.38 2.84 -15.84	51.56 2.78 -7.58
DARBY___SOLAR 323810	65.22 3.18 0.00	62.29 3.11 0.00	63.83 2.96 0.00	58.13 2.72 0.00	49.96 2.47 0.00	46.08 2.39 0.00	42.92 2.35 -1.61	37.55 2.09 -2.63	30.73 1.74 -0.61	29.26 1.63 -0.23	30.65 1.72 -1.40	39.19 2.35 -0.24	38.16 2.30 -0.57	37.72 2.07 -4.33	43.39 1.91 -13.12	40.78 2.46 -1.70	47.52 2.82 -4.56	56.27 2.78 -13.03	54.54 2.78 -11.73	44.57 2.52 -4.70	45.26 2.65 -3.35	41.64 2.56 -0.50	58.83 2.69 -16.45	52.61 2.63 -8.79
DASHVILLE___HYD 23610	64.49 2.45 0.00	61.64 2.45 0.00	63.41 2.54 0.00	57.82 2.41 0.00	49.69 2.19 0.00	45.78 2.09 0.00	43.31 2.09 -2.26	39.69 1.86 -5.00	31.11 1.58 -1.15	29.34 1.51 -0.44	31.74 1.54 -2.67	38.97 1.91 -0.45	38.21 1.83 -1.08	37.19 1.62 -4.27	41.27 1.52 -11.40	40.00 1.97 -1.42	46.84 2.32 -4.39	59.11 2.47 -16.17	56.78 2.40 -14.35	46.33 2.23 -6.75	44.33 2.26 -2.81	41.85 2.29 -0.97	56.88 2.27 -14.92	50.96 2.23 -7.54
DEERFIELD_69_KV_DEERFIELD LD 355887	65.36 3.32 0.00	62.88 3.69 0.00	63.88 3.00 0.00	58.23 2.82 0.00	50.38 2.88 0.00	46.47 2.78 0.00	45.34 3.06 -3.34	43.48 2.29 -8.35	32.74 2.43 -1.93	30.14 2.02 -0.73	34.42 2.43 -4.45	40.30 2.94 -0.76	39.91 2.81 -1.81	38.80 2.52 -4.96	42.30 2.26 -11.68	54.18 2.97 -14.59	48.76 3.70 -4.93	65.89 3.73 -21.70	62.71 3.47 -19.21	50.19 3.10 -9.75	44.81 2.79 -2.76	43.16 3.00 -1.57	58.60 2.91 -16.00	51.62 2.81 -7.61
DELAWARE___LFGE 323621	63.70 1.66 0.00	60.76 1.57 0.00	62.51 1.64 0.00	56.95 1.54 0.00	48.89 1.39 0.00	44.99 1.30 0.00	39.98 1.25 0.23	32.41 1.06 1.49	28.93 0.90 0.34	28.41 0.84 -0.17	27.59 0.85 0.79	37.59 1.12 0.13	36.01 1.03 0.32	33.17 0.94 -0.92	33.30 0.85 -4.10	38.31 1.12 -0.57	42.50 1.29 -1.08	41.96 1.36 -0.14	41.66 1.37 -0.26	38.00 1.23 0.57	41.67 1.29 -1.12	39.52 1.21 0.28	45.51 1.24 -4.58	45.36 1.35 -2.81
DERFIELD_115KV_TB7 355931	62.10 0.06 0.00	59.24 0.05 0.00	60.92 0.05 0.00	55.42 0.01 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.96 0.00 0.00	32.87 0.03 0.00	28.41 0.03 0.00	27.42 0.03 0.00	27.59 0.06 0.00	36.68 0.07 0.00	35.37 0.08 0.00	31.37 0.06 0.00	28.41 0.06 0.00	36.69 0.07 0.00	40.21 0.08 0.00	40.50 0.04 0.00	40.04 0.01 0.00	37.37 0.02 0.00	39.30 0.04 0.00	38.62 0.04 0.00	39.73 0.04 0.00	41.25 0.05 0.00
DOGLEVILLE___HYD 23807	62.38 0.34 0.00	59.44 0.25 0.00	60.90 0.03 0.00	55.57 0.16 0.00	47.73 0.24 0.00	43.98 0.29 0.00	39.55 0.59 0.00	33.53 0.69 0.00	28.83 0.45 0.00	27.70 0.31 0.00	27.87 0.33 0.00	37.20 0.59 0.00	35.91 0.62 0.00	31.96 0.65 0.00	28.98 0.62 0.00	37.54 0.92 0.00	41.28 1.15 0.00	41.66 1.20 0.00	41.27 1.24 0.00	38.42 1.07 0.00	40.42 1.16 0.00	39.73 1.14 0.00	41.02 1.33 0.00	42.45 1.25 0.00
DUNKIRK___115KV_TB_200 55889	60.40 -1.64 0.00	57.53 -1.66 0.00	59.78 -1.09 0.00	54.39 -1.02 0.00	46.26 -1.24 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	30.96 -1.88 0.00	27.01 -1.37 0.00	24.22 -1.43 1.75	25.78 -1.75 0.00	34.29 -2.32 0.00	32.92 -2.38 0.00	25.08 -2.26 3.97	24.47 -2.23 1.65	34.05 -2.78 -0.21	37.45 -3.11 -0.43	36.95 -2.93 0.58	33.01 -2.82 4.20	25.44 -2.74 9.17	30.15 -2.91 6.20	35.45 -2.94 0.20	38.92 -2.69 -1.91	39.62 -2.66 -1.07
DUNKIRK___1 23563	60.40 -1.64 0.00	57.53 -1.66 0.00	59.78 -1.09 0.00	54.39 -1.02 0.00	46.26 -1.24 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	30.96 -1.88 0.00	27.01 -1.37 0.00	24.22 -1.43 1.75	25.78 -1.75 0.00	34.29 -2.32 0.00	32.92 -2.38 0.00	25.08 -2.26 3.97	24.47 -2.23 1.65	34.05 -2.78 -0.21	37.45 -3.11 -0.43	36.95 -2.93 0.58	33.01 -2.82 4.20	25.44 -2.74 9.17	30.15 -2.91 6.20	35.45 -2.94 0.20	38.92 -2.69 -1.91	39.62 -2.66 -1.07
DUNKIRK___2 23564	60.40 -1.64 0.00	57.53 -1.66 0.00	59.78 -1.09 0.00	54.39 -1.02 0.00	46.26 -1.24 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	30.96 -1.88 0.00	27.01 -1.37 0.00	24.22 -1.43 1.75	25.78 -1.75 0.00	34.29 -2.32 0.00	32.92 -2.38 0.00	25.08 -2.26 3.97	24.47 -2.23 1.65	34.05 -2.78 -0.21	37.45 -3.11 -0.43	36.95 -2.93 0.58	33.01 -2.82 4.20	25.44 -2.74 9.17	30.15 -2.91 6.20	35.45 -2.94 0.20	38.92 -2.69 -1.91	39.62 -2.66 -1.07
DUNKIRK___3 23565	60.36 -1.68 0.00	57.50 -1.69 0.00	59.71 -1.16 0.00	54.35 -1.06 0.00	46.21 -1.28 0.00	42.39 -1.30 0.00	37.43 -1.61 -0.09	30.98 -1.86 0.00	27.01 -1.37 0.00	24.27 -1.41 1.72	25.82 -1.72 0.00	34.33 -2.28 0.00	32.95 -2.34 0.00	24.71 -2.22 4.37	24.20 -2.22 1.94	34.05 -2.78 -0.21	37.46 -3.09 -0.41	36.85 -2.88 0.74	32.57 -2.78 4.67	24.73 -2.67 9.95	29.64 -2.82 6.80	35.49 -2.87 0.22	38.94 -2.65 -1.89	39.63 -2.63 -1.06
DUNKIRK___4 23566	60.36 -1.68 0.00	57.50 -1.69 0.00	59.71 -1.16 0.00	54.35 -1.06 0.00	46.21 -1.28 0.00	42.39 -1.30 0.00	37.43 -1.61 -0.09	30.98 -1.86 0.00	27.01 -1.37 0.00	24.27 -1.41 1.72	25.82 -1.72 0.00	34.33 -2.28 0.00	32.95 -2.34 0.00	24.71 -2.22 4.37	24.20 -2.22 1.94	34.05 -2.78 -0.21	37.46 -3.09 -0.41	36.85 -2.88 0.74	32.57 -2.78 4.67	24.73 -2.67 9.95	29.64 -2.82 6.80	35.49 -2.87 0.22	38.94 -2.65 -1.89	39.63 -2.63 -1.06
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	65.10 3.06 0.00	62.23 3.04 0.00	64.00 3.12 0.00	58.35 2.94 0.00	50.12 2.62 0.00	46.15 2.46 0.00	44.72 2.43 -3.34	43.32 2.12 -8.37	32.11 1.80 -1.93	29.91 1.78 -0.74	33.85 1.85 -4.46	39.71 2.35 -0.76	39.37 2.27 -1.81	38.34 2.06 -4.97	41.94 1.91 -11.68	44.41 2.41 -5.38	47.84 2.77 -4.93	65.05 2.86 -21.73	62.07 2.80 -19.24	49.68 2.57 -9.76	44.70 2.68 -2.76	42.79 2.63 -1.58	58.36 2.67 -16.00	51.42 2.61 -7.61
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	65.05 3.01 0.00	62.17 2.98 0.00	63.96 3.08 0.00	58.30 2.89 0.00	50.08 2.58 0.00	46.11 2.42 0.00	45.08 2.38 -3.75	44.58 2.08 -9.67	32.34 1.73 -2.23	29.90 1.65 -0.85	34.36 1.67 -5.15	39.57 2.09 -0.88	39.43 2.04 -2.09	38.37 1.88 -5.19	41.74 1.77 -11.62	38.56 2.27 0.33	47.97 2.65 -5.19	67.98 2.79 -24.72	64.44 2.75 -21.66	51.27 2.51 -11.42	44.55 2.59 -2.70	43.02 2.52 -1.91	58.54 2.57 -16.27	51.23 2.50 -7.52

E179THST_138_KV_TB4_REV_LBMP_J 345001	65.31 3.27 0.00	62.47 3.29 0.00	64.29 3.41 0.00	58.59 3.18 0.00	50.29 2.80 0.00	46.29 2.59 0.00	44.84 2.55 -3.34	43.46 2.26 -8.36	32.24 1.93 -1.93	30.08 1.95 -0.74	34.00 2.01 -4.46	39.83 2.47 -0.76	39.54 2.43 -1.81	38.47 2.20 -4.97	42.06 2.03 -11.68	44.50 2.51 -5.37	47.95 2.89 -4.93	65.18 3.01 -21.72	62.21 2.95 -19.23	49.84 2.73 -9.76	44.77 2.75 -2.76	42.85 2.69 -1.58	58.38 2.68 -16.00	51.49 2.68 -7.61
E179THST_13_KV_LOAD 356214	65.58 3.54 0.00	62.71 3.53 0.00	64.53 3.65 0.00	58.80 3.39 0.00	50.48 2.98 0.00	46.46 2.77 0.00	45.00 2.71 -3.34	43.59 2.39 -8.36	32.36 2.05 -1.93	30.20 2.07 -0.74	34.12 2.12 -4.46	40.01 2.65 -0.76	39.70 2.60 -1.81	38.62 2.35 -4.97	42.20 2.17 -11.68	44.68 2.69 -5.37	48.16 3.09 -4.93	65.39 3.21 -21.72	62.41 3.15 -19.23	50.03 2.92 -9.76	44.97 2.95 -2.76	43.05 2.88 -1.58	58.57 2.88 -16.00	51.69 2.88 -7.61
EAST HAMPTON___GT 23717	64.59 2.56 0.00	62.20 3.01 0.00	63.51 2.63 0.00	57.48 2.07 0.00	49.94 2.44 0.00	46.12 2.43 0.00	44.92 2.63 -3.34	43.07 1.89 -8.35	32.54 2.24 -1.93	30.03 1.90 -0.73	34.35 2.37 -4.45	40.23 2.87 -0.76	39.85 2.75 -1.81	38.58 2.30 -4.96	41.96 1.93 -11.68	53.72 2.51 -14.59	48.28 3.22 -4.93	65.38 3.22 -21.70	62.22 2.98 -19.21	49.80 2.70 -9.75	44.33 2.31 -2.76	42.67 2.51 -1.57	58.08 2.39 -16.00	51.03 2.22 -7.61
EAST RIVER___6 23660	65.34 3.30 0.00	62.52 3.33 0.00	64.35 3.48 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.38 2.68 0.00	44.92 2.63 -3.34	43.52 2.32 -8.37	32.30 1.99 -1.93	30.14 2.01 -0.74	34.08 2.08 -4.46	39.99 2.62 -0.76	39.65 2.54 -1.81	38.57 2.30 -4.97	42.14 2.11 -11.68	44.65 2.65 -5.38	48.08 3.02 -4.93	65.25 3.06 -21.73	62.28 3.01 -19.24	49.91 2.80 -9.76	44.94 2.92 -2.76	43.01 2.85 -1.58	58.56 2.86 -16.00	51.65 2.84 -7.61
EAST RIVER___7 23524	65.34 3.30 0.00	62.52 3.33 0.00	64.35 3.48 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.38 2.68 0.00	44.92 2.63 -3.34	43.52 2.32 -8.37	32.30 1.99 -1.93	30.14 2.01 -0.74	34.08 2.08 -4.46	39.99 2.62 -0.76	39.65 2.54 -1.81	38.57 2.30 -4.97	42.14 2.11 -11.68	44.65 2.65 -5.38	48.08 3.02 -4.93	65.25 3.06 -21.73	62.28 3.01 -19.24	49.91 2.80 -9.76	44.94 2.92 -2.76	43.01 2.85 -1.58	58.56 2.86 -16.00	51.65 2.84 -7.61
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	64.99 2.95 0.00	62.14 2.95 0.00	63.90 3.03 0.00	58.27 2.86 0.00	50.04 2.54 0.00	46.08 2.38 0.00	44.71 2.36 -3.40	43.45 2.08 -8.54	32.10 1.75 -1.97	29.87 1.72 -0.75	33.87 1.79 -4.55	39.63 2.25 -0.77	39.32 2.17 -1.85	38.29 1.98 -5.00	41.87 1.84 -11.69	44.62 2.32 -5.68	47.77 2.68 -4.95	65.23 2.76 -22.01	62.23 2.72 -19.48	49.75 2.48 -9.92	44.60 2.58 -2.76	42.72 2.52 -1.61	58.33 2.58 -16.05	51.33 2.52 -7.61
EAST_HAMPTON___DIESEL 23722	64.43 2.39 0.00	62.07 2.88 0.00	63.40 2.52 0.00	57.33 1.92 0.00	49.84 2.34 0.00	46.03 2.33 0.00	44.83 2.54 -3.34	42.98 1.79 -8.35	32.48 2.18 -1.93	29.98 1.86 -0.73	34.32 2.33 -4.45	40.19 2.82 -0.76	39.80 2.70 -1.81	38.51 2.24 -4.96	41.88 1.85 -11.68	53.61 2.40 -14.59	48.15 3.09 -4.93	65.26 3.10 -21.70	62.10 2.86 -19.21	49.69 2.60 -9.75	44.22 2.20 -2.76	42.55 2.40 -1.57	57.96 2.27 -16.00	50.90 2.09 -7.61
EAST_POINT___SOLAR 323840	65.97 3.93 0.00	62.77 3.59 0.00	64.68 3.81 0.00	58.83 3.42 0.00	50.42 2.93 0.00	46.49 2.79 0.00	42.98 2.59 -1.44	36.90 2.18 -1.88	30.32 1.51 -0.43	28.15 0.59 -0.16	29.22 0.68 -1.00	38.34 1.56 -0.17	37.30 1.60 -0.41	37.36 1.54 -4.51	44.14 1.59 -14.20	40.86 2.39 -1.85	47.82 2.89 -4.80	55.98 3.05 -12.47	54.28 2.97 -11.28	44.26 2.72 -4.19	45.75 2.82 -3.66	41.70 2.76 -0.36	59.99 2.72 -17.58	53.52 2.77 -9.54
EAST_PULASKI___ESR 323781	60.92 -1.12 0.00	57.92 -1.27 0.00	59.46 -1.40 0.00	54.04 -1.37 0.00	46.30 -1.20 0.00	42.75 -0.94 0.00	37.95 -1.05 -0.04	31.94 -0.89 0.00	27.65 -0.73 0.00	26.67 -0.72 0.00	26.78 -0.76 0.00	35.79 -0.82 0.00	34.53 -0.76 0.00	30.86 -0.66 -0.21	28.44 -0.63 -0.72	35.84 -0.87 -0.09	39.34 -1.03 -0.23	39.82 -1.11 -0.47	39.45 -1.05 -0.47	36.60 -0.88 -0.14	38.47 -1.00 -0.21	37.64 -0.94 0.00	39.51 -1.15 -0.97	40.52 -1.23 -0.55
EAST_RIVER___1 323558	65.32 3.28 0.00	62.48 3.30 0.00	64.32 3.45 0.00	58.63 3.22 0.00	50.34 2.85 0.00	46.34 2.65 0.00	44.89 2.60 -3.34	43.49 2.28 -8.37	32.27 1.96 -1.93	30.10 1.97 -0.74	34.05 2.05 -4.46	39.95 2.58 -0.76	39.60 2.49 -1.81	38.53 2.26 -4.97	42.11 2.07 -11.68	44.60 2.60 -5.38	48.03 2.96 -4.93	65.20 3.02 -21.73	62.23 2.96 -19.24	49.86 2.75 -9.76	44.89 2.87 -2.76	42.97 2.80 -1.58	58.52 2.83 -16.00	51.61 2.80 -7.61
EAST_RIVER___2 323559	65.34 3.30 0.00	62.52 3.33 0.00	64.35 3.48 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.38 2.68 0.00	44.92 2.63 -3.34	43.52 2.32 -8.37	32.30 1.99 -1.93	30.14 2.01 -0.74	34.08 2.08 -4.46	39.99 2.62 -0.76	39.65 2.54 -1.81	38.57 2.30 -4.97	42.14 2.11 -11.68	44.65 2.65 -5.38	48.08 3.02 -4.93	65.25 3.06 -21.73	62.28 3.01 -19.24	49.91 2.80 -9.76	44.94 2.92 -2.76	43.01 2.85 -1.58	58.56 2.86 -16.00	51.65 2.84 -7.61
EAST___DELAWARE_HYD 23607	65.12 3.08 0.00	62.09 2.91 0.00	63.85 2.97 0.00	58.19 2.78 0.00	50.00 2.50 0.00	46.03 2.34 0.00	42.22 2.29 -0.97	36.12 1.99 -1.30	30.33 1.65 -0.30	29.04 1.53 -0.11	29.77 1.54 -0.69	38.59 1.86 -0.12	37.37 1.80 -0.28	35.98 1.66 -3.01	39.44 1.65 -9.44	38.77 2.14 -0.02	45.92 2.56 -3.23	51.91 2.77 -8.68	50.53 2.72 -7.78	42.82 2.48 -3.00	44.23 2.54 -2.43	41.32 2.46 -0.28	53.88 2.48 -11.71	50.02 2.48 -6.34
EIGHT_POINT___WT_PWR 323820	59.28 -2.76 0.00	56.47 -2.71 0.00	58.34 -2.53 0.00	53.39 -2.02 0.00	45.50 -1.99 0.00	41.76 -1.93 0.00	37.12 -1.96 -0.12	30.74 -2.09 0.00	26.71 -1.67 0.00	21.74 -1.75 3.91	25.67 -1.87 0.00	34.24 -2.37 0.00	32.79 -2.51 0.00	43.24 -2.37 -14.30	37.25 -2.16 -11.06	34.39 -2.49 -0.26	38.60 -2.40 -0.87	44.44 -2.30 -6.28	54.74 -2.41 -17.12	60.73 -2.59 -25.97	57.77 -2.46 -20.97	36.56 -2.64 -0.61	39.50 -2.60 -2.41	40.05 -2.50 -1.35
ELBRIDGE_115KV_TB2 80188	61.38 -0.66 0.00	58.50 -0.68 0.00	60.19 -0.68 0.00	54.79 -0.62 0.00	46.96 -0.54 0.00	43.19 -0.50 0.00	38.48 -0.53 -0.06	32.38 -0.46 0.00	28.00 -0.38 0.00	26.97 -0.42 0.00	27.06 -0.48 0.00	36.01 -0.59 0.00	34.72 -0.57 0.00	31.11 -0.51 -0.31	28.93 -0.48 -1.05	36.17 -0.58 -0.14	39.85 -0.62 -0.34	40.52 -0.63 -0.69	40.11 -0.56 -0.64	36.99 -0.54 -0.18	38.97 -0.57 -0.28	37.99 -0.59 0.00	40.29 -0.68 -1.29	41.30 -0.62 -0.72
ELEC_TRO_TEK 24086	65.28 3.24 0.00	62.46 3.27 0.00	63.92 3.05 0.00	58.45 3.04 0.00	50.21 2.72 0.00	46.23 2.54 0.00	44.89 2.60 -3.34	43.37 2.18 -8.35	32.23 1.92 -1.93	29.92 1.79 -0.73	33.95 1.96 -4.45	39.80 2.44 -0.76	39.44 2.34 -1.81	38.48 2.21 -4.96	42.10 2.06 -11.68	60.90 2.60 -21.68	48.19 3.13 -4.93	65.39 3.23 -21.70	62.24 3.00 -19.21	49.77 2.68 -9.75	44.76 2.74 -2.76	42.95 2.79 -1.57	58.50 2.81 -16.00	51.59 2.78 -7.61

ELLENBURG_WT_PWR 323604	59.25 -2.79 0.00	56.78 -2.40 0.00	58.97 -1.90 0.00	53.45 -1.96 0.00	45.33 -2.17 0.00	41.75 -1.94 0.00	37.23 -1.73 0.00	31.16 -1.67 0.00	27.09 -1.29 0.00	26.20 -1.20 0.00	26.14 -1.40 0.00	35.57 -1.04 0.00	34.07 -1.23 0.00	30.08 -1.23 0.00	27.40 -0.95 0.00	35.27 -1.35 0.00	38.27 -1.87 0.00	38.01 -2.45 0.00	37.24 -2.79 0.00	34.89 -2.45 0.00	36.88 -2.38 0.00	36.43 -2.15 0.00	38.19 -1.50 0.00	39.34 -1.86 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	59.95 -2.09 0.00	57.09 -2.10 0.00	59.24 -1.63 0.00	53.94 -1.47 0.00	45.85 -1.65 0.00	42.11 -1.58 0.00	37.19 -1.85 -0.09	30.82 -2.01 0.00	26.88 -1.51 0.00	24.22 -1.54 1.63	25.70 -1.84 0.00	34.19 -2.42 0.00	32.79 -2.50 0.00	24.52 -2.40 4.39	23.95 -2.42 1.98	33.79 -3.03 -0.20	37.19 -3.34 -0.40	36.59 -3.10 0.76	32.32 -3.01 4.71	24.57 -2.84 9.94	29.48 -2.96 6.82	35.39 -2.97 0.22	38.76 -2.77 -1.84	39.39 -2.85 -1.03
EMPIRE_CC_1 323656	63.35 1.31 0.00	60.54 1.36 0.00	61.93 1.06 0.00	56.48 1.07 0.00	48.51 1.01 0.00	44.80 1.11 0.00	41.85 1.06 -1.84	37.20 0.91 -3.45	29.96 0.79 -0.80	28.57 0.87 -0.30	30.37 0.99 -1.84	38.19 1.28 -0.31	37.31 1.27 -0.75	36.79 1.16 -4.31	41.91 1.02 -12.54	40.12 1.19 -2.31	45.93 1.29 -4.50	55.71 1.21 -14.04	53.82 1.20 -12.59	43.81 1.10 -5.37	43.71 1.28 -3.17	40.52 1.28 -0.65	57.11 1.48 -15.93	50.96 1.39 -8.36
EMPIRE_CC_2 323658	63.35 1.31 0.00	60.54 1.36 0.00	61.93 1.06 0.00	56.48 1.07 0.00	48.51 1.01 0.00	44.80 1.11 0.00	41.85 1.06 -1.84	37.20 0.91 -3.45	29.96 0.79 -0.80	28.57 0.87 -0.30	30.37 0.99 -1.84	38.19 1.28 -0.31	37.31 1.27 -0.75	36.79 1.16 -4.31	41.91 1.02 -12.54	40.12 1.19 -2.31	45.93 1.29 -4.50	55.71 1.21 -14.04	53.82 1.20 -12.59	43.81 1.10 -5.37	43.71 1.28 -3.17	40.52 1.28 -0.65	57.11 1.48 -15.93	50.96 1.39 -8.36
ENORWICH_115KV_TB1 80156	65.91 3.87 0.00	62.59 3.40 0.00	64.22 3.35 0.00	58.73 3.32 0.00	50.51 3.01 0.00	46.59 2.89 0.00	41.81 3.03 0.17	34.28 2.53 1.09	30.30 2.17 0.25	31.60 1.87 -2.35	28.76 1.80 0.58	39.01 2.50 0.10	37.15 2.10 0.24	34.69 1.96 -1.42	33.84 1.80 -3.69	39.57 2.54 -0.41	44.09 3.18 -0.78	44.18 3.39 -0.33	44.58 3.52 -1.03	42.43 3.14 -1.94	44.42 3.22 -1.95	41.35 2.94 0.17	45.94 2.97 -3.28	46.24 3.02 -2.01
ERIE_ST__34_KV_TB1-2 80199	61.66 -0.38 0.00	58.70 -0.49 0.00	60.92 0.05 0.00	55.46 0.05 0.00	47.15 -0.35 0.00	43.21 -0.48 0.00	38.23 -0.82 -0.09	31.74 -1.10 0.00	27.64 -0.74 0.00	25.00 -0.70 1.69	26.56 -0.97 0.00	35.36 -1.24 0.00	33.92 -1.38 0.00	26.30 -1.34 3.66	25.50 -1.44 1.42	35.03 -1.80 -0.21	38.61 -1.96 -0.43	38.33 -1.66 0.47	34.66 -1.53 3.84	27.35 -1.48 8.52	32.02 -1.50 5.73	36.76 -1.64 0.18	40.09 -1.51 -1.90	40.75 -1.52 -1.07
ERIE_WT_PWR 323693	60.41 -1.63 0.00	57.55 -1.64 0.00	59.63 -1.24 0.00	54.37 -1.04 0.00	46.16 -1.34 0.00	42.43 -1.26 0.00	37.44 -1.60 -0.09	31.09 -1.74 0.00	27.07 -1.31 0.00	24.36 -1.36 1.68	25.92 -1.61 0.00	34.46 -2.15 0.00	33.06 -2.23 0.00	25.00 -2.13 4.18	24.37 -2.19 1.80	34.15 -2.68 -0.21	37.58 -2.97 -0.42	37.10 -2.69 0.67	32.97 -2.62 4.44	25.32 -2.50 9.53	30.22 -2.54 6.50	35.74 -2.64 0.21	39.12 -2.46 -1.88	39.75 -2.51 -1.05
ESPRGFLD_115KV_TB1 80157	64.49 2.45 0.00	61.39 2.21 0.00	63.33 2.46 0.00	57.60 2.19 0.00	49.41 1.91 0.00	45.49 1.80 0.00	40.61 1.66 0.00	34.21 1.37 0.00	29.55 1.17 0.00	28.23 0.83 0.00	28.38 0.84 0.00	37.88 1.27 0.00	36.42 1.13 0.00	32.30 0.99 0.00	29.31 0.96 0.00	37.93 1.31 0.00	41.70 1.56 0.00	42.17 1.71 0.00	41.70 1.67 0.00	38.90 1.56 0.00	40.85 1.59 0.00	40.10 1.52 0.00	41.18 1.48 0.00	42.83 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.00 0.96 0.00	60.01 0.82 0.00	61.76 0.88 0.00	56.21 0.80 0.00	48.19 0.69 0.00	44.32 0.63 0.00	39.67 0.59 -0.13	33.32 0.49 0.00	28.80 0.42 0.00	33.22 0.36 -5.47	27.85 0.31 0.00	37.08 0.47 0.00	35.69 0.40 0.00	33.52 0.35 -1.87	32.26 0.31 -3.60	37.38 0.47 -0.29	41.50 0.65 -0.72	43.07 0.73 -1.88	43.55 0.78 -2.74	42.93 0.66 -4.92	42.35 0.69 -2.40	39.21 0.57 -0.05	42.90 0.54 -2.67	43.29 0.60 -1.49
ETNA____115KV_TB2 80207	63.00 0.96 0.00	60.01 0.82 0.00	61.76 0.88 0.00	56.21 0.80 0.00	48.19 0.69 0.00	44.32 0.63 0.00	39.67 0.59 -0.13	33.32 0.49 0.00	28.80 0.42 0.00	33.22 0.36 -5.47	27.85 0.31 0.00	37.08 0.47 0.00	35.69 0.40 0.00	33.52 0.35 -1.87	32.26 0.31 -3.60	37.38 0.47 -0.29	41.50 0.65 -0.72	43.07 0.73 -1.88	43.55 0.78 -2.74	42.93 0.66 -4.92	42.35 0.69 -2.40	39.21 0.57 -0.05	42.90 0.54 -2.67	43.29 0.60 -1.49
EUCLID____115KV_TB2 356179	61.07 -0.97 0.00	58.22 -0.97 0.00	59.93 -0.95 0.00	54.53 -0.88 0.00	46.72 -0.78 0.00	42.97 -0.72 0.00	38.25 -0.75 -0.05	32.16 -0.67 0.00	27.83 -0.55 0.00	26.82 -0.57 0.00	26.91 -0.63 0.00	35.77 -0.84 0.00	34.49 -0.80 0.00	30.84 -0.71 -0.24	28.52 -0.66 -0.83	35.90 -0.83 -0.11	39.48 -0.92 -0.27	40.11 -0.89 -0.54	39.67 -0.87 -0.51	36.71 -0.78 -0.14	38.61 -0.87 -0.22	37.72 -0.87 0.00	39.78 -0.93 -1.02	40.85 -0.92 -0.57
E_CANADA_CAP_HY 24051	64.88 2.84 0.00	61.73 2.54 0.00	63.68 2.81 0.00	57.88 2.47 0.00	49.58 2.08 0.00	45.67 1.98 0.00	42.10 1.76 -1.38	35.91 1.48 -1.60	29.93 1.18 -0.37	28.18 0.65 -0.14	29.07 0.68 -0.85	38.04 1.29 -0.14	36.84 1.21 -0.34	36.99 1.08 -4.60	44.13 1.10 -14.68	40.04 1.51 -1.92	46.81 1.76 -4.91	54.65 1.88 -12.31	53.01 1.82 -11.17	43.06 1.70 -4.01	44.82 1.76 -3.80	40.67 1.78 -0.30	59.57 1.77 -18.10	52.97 1.89 -9.88
E_CANADA_MHWK_HY 24050	62.38 0.34 0.00	59.44 0.25 0.00	60.90 0.03 0.00	55.57 0.16 0.00	47.73 0.24 0.00	43.98 0.29 0.00	39.55 0.59 0.00	33.53 0.69 0.00	28.83 0.45 0.00	27.70 0.31 0.00	27.87 0.33 0.00	37.20 0.59 0.00	35.91 0.62 0.00	31.96 0.65 0.00	28.98 0.62 0.00	37.54 0.92 0.00	41.28 1.15 0.00	41.66 1.20 0.00	41.27 1.24 0.00	38.42 1.07 0.00	40.42 1.16 0.00	39.73 1.14 0.00	41.02 1.33 0.00	42.45 1.25 0.00
E_FISHKILL____LBMP 23776	64.55 2.51 0.00	61.72 2.53 0.00	63.44 2.57 0.00	57.82 2.41 0.00	49.66 2.16 0.00	45.73 2.03 0.00	43.82 2.04 -2.83	41.39 1.80 -6.76	31.46 1.52 -1.56	29.49 1.50 -0.59	32.69 1.55 -3.60	39.18 1.96 -0.61	38.65 1.89 -1.46	37.68 1.72 -4.65	41.58 1.60 -11.63	41.17 2.04 -2.51	47.17 2.36 -4.68	61.92 2.44 -19.03	59.31 2.39 -16.89	47.83 2.19 -8.29	44.35 2.29 -2.81	42.09 2.23 -1.28	57.54 2.28 -15.58	51.05 2.22 -7.63
FALCON____SEABRD_CC1 323796	59.96 -2.08 0.00	57.53 -1.66 0.00	59.74 -1.13 0.00	54.21 -1.20 0.00	45.96 -1.54 0.00	42.29 -1.40 0.00	37.78 -1.17 0.00	31.65 -1.19 0.00	27.48 -0.90 0.00	26.57 -0.82 0.00	26.54 -1.00 0.00	36.08 -0.53 0.00	34.57 -0.72 0.00	30.50 -0.81 0.00	27.80 -0.55 0.00	35.79 -0.83 0.00	38.83 -1.31 0.00	38.56 -1.90 0.00	37.79 -2.24 0.00	35.40 -1.95 0.00	37.43 -1.83 0.00	36.96 -1.63 0.00	38.72 -0.97 0.00	39.88 -1.33 0.00

FALCON___SEABRD_CC2 323797	59.96 -2.08 0.00	57.53 -1.66 0.00	59.74 -1.13 0.00	54.21 -1.20 0.00	45.96 -1.54 0.00	42.29 -1.40 0.00	37.78 -1.17 0.00	31.65 -1.19 0.00	27.48 -0.90 0.00	26.57 -0.82 0.00	26.54 -1.00 0.00	36.08 -0.53 0.00	34.57 -0.72 0.00	30.50 -0.81 0.00	27.80 -0.55 0.00	35.79 -0.83 0.00	38.83 -1.31 0.00	38.56 -1.90 0.00	37.79 -2.24 0.00	35.40 -1.95 0.00	37.43 -1.83 0.00	36.96 -1.63 0.00	38.72 -0.97 0.00	39.88 -1.33 0.00
FAR ROCKAWAY___4 23548	66.05 4.01 0.00	63.15 3.97 0.00	64.63 3.76 0.00	59.10 3.69 0.00	50.77 3.28 0.00	46.74 3.04 0.00	45.35 3.06 -3.34	43.76 2.58 -8.35	32.55 2.24 -1.93	30.22 2.10 -0.73	34.26 2.27 -4.45	40.23 2.87 -0.76	39.86 2.76 -1.81	38.85 2.58 -4.96	42.45 2.41 -11.68	59.99 3.06 -20.31	48.79 3.73 -4.93	65.98 3.82 -21.70	62.80 3.56 -19.21	50.31 3.21 -9.75	45.32 3.30 -2.76	43.48 3.32 -1.57	59.03 3.34 -16.00	52.12 3.31 -7.61
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	65.33 3.29 0.00	62.49 3.30 0.00	64.31 3.43 0.00	58.63 3.22 0.00	50.34 2.85 0.00	46.34 2.65 0.00	44.89 2.60 -3.34	43.49 2.28 -8.37	32.27 1.96 -1.93	30.10 1.97 -0.74	34.04 2.04 -4.46	39.94 2.58 -0.76	39.59 2.48 -1.81	38.52 2.25 -4.97	42.10 2.07 -11.68	44.59 2.59 -5.38	48.02 2.96 -4.93	65.20 3.01 -21.73	62.23 2.96 -19.24	49.85 2.74 -9.76	44.89 2.86 -2.76	42.96 2.79 -1.58	58.52 2.83 -16.00	51.61 2.80 -7.61
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	65.37 3.33 0.00	62.52 3.33 0.00	64.34 3.47 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.36 2.66 0.00	44.92 2.62 -3.34	43.51 2.31 -8.37	32.27 1.96 -1.93	30.11 1.98 -0.74	34.05 2.06 -4.46	39.95 2.59 -0.76	39.60 2.50 -1.81	38.54 2.26 -4.97	42.11 2.08 -11.68	44.61 2.61 -5.38	48.04 2.98 -4.93	65.22 3.04 -21.73	62.25 2.98 -19.24	49.88 2.77 -9.76	44.92 2.89 -2.76	42.99 2.82 -1.58	58.55 2.85 -16.00	51.63 2.82 -7.61
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	65.30 3.26 0.00	62.46 3.27 0.00	64.29 3.41 0.00	58.61 3.20 0.00	50.32 2.83 0.00	46.31 2.62 0.00	44.89 2.59 -3.34	43.48 2.27 -8.37	32.25 1.94 -1.93	30.08 1.96 -0.74	34.02 2.03 -4.46	39.91 2.55 -0.76	39.57 2.47 -1.81	38.50 2.23 -4.97	42.08 2.05 -11.68	44.56 2.56 -5.38	47.99 2.93 -4.93	65.17 2.99 -21.73	62.20 2.93 -19.24	49.83 2.72 -9.76	44.86 2.84 -2.76	42.94 2.78 -1.58	58.50 2.80 -16.00	51.59 2.77 -7.61
FARRAGUT___LBMP 323566	65.25 3.21 0.00	62.43 3.24 0.00	64.24 3.37 0.00	58.56 3.15 0.00	50.29 2.80 0.00	46.29 2.60 0.00	44.85 2.55 -3.34	43.45 2.25 -8.37	32.22 1.91 -1.93	30.06 1.93 -0.74	34.00 2.01 -4.46	39.88 2.51 -0.76	39.54 2.44 -1.81	38.48 2.21 -4.97	42.06 2.03 -11.68	44.54 2.54 -5.38	47.96 2.90 -4.93	65.14 2.96 -21.73	62.17 2.90 -19.24	49.81 2.69 -9.76	44.84 2.82 -2.76	42.91 2.75 -1.58	58.47 2.77 -16.00	51.57 2.75 -7.61
FENNER___WINDPWR 24204	62.59 0.55 0.00	59.67 0.48 0.00	61.41 0.54 0.00	55.84 0.43 0.00	47.89 0.39 0.00	44.10 0.40 0.00	39.37 0.35 -0.07	33.14 0.30 0.00	28.65 0.27 0.00	28.61 0.17 -1.05	27.69 0.16 0.00	36.89 0.29 0.00	35.57 0.28 0.00	31.92 0.26 -0.35	29.94 0.29 -1.29	37.21 0.43 -0.16	41.04 0.52 -0.38	41.68 0.44 -0.78	41.15 0.42 -0.71	38.30 0.34 -0.61	39.89 0.32 -0.31	38.84 0.26 0.00	41.35 0.24 -1.43	42.21 0.21 -0.80
FIBERTEK___ENERGY 23856	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
FITZPATRICK____ 23598	60.24 -1.80 0.00	57.44 -1.75 0.00	59.12 -1.75 0.00	53.80 -1.61 0.00	46.09 -1.41 0.00	42.37 -1.32 0.00	37.68 -1.31 -0.04	31.70 -1.13 0.00	27.43 -0.95 0.00	26.45 -0.95 0.00	26.54 -1.00 0.00	35.29 -1.32 0.00	34.02 -1.27 0.00	30.35 -1.13 -0.17	27.89 -1.05 -0.58	35.35 -1.34 -0.08	38.81 -1.51 -0.19	39.33 -1.52 -0.38	38.90 -1.49 -0.36	36.11 -1.34 -0.10	37.96 -1.46 -0.16	37.17 -1.42 0.00	38.89 -1.51 -0.72	40.10 -1.50 -0.40
FLOWRFLD_69_KV_BK1 356044	65.76 3.72 0.00	63.01 3.82 0.00	64.04 3.16 0.00	58.70 3.29 0.00	50.47 2.97 0.00	46.49 2.80 0.00	45.29 3.00 -3.34	43.61 2.42 -8.35	32.55 2.25 -1.93	30.05 1.92 -0.73	34.20 2.21 -4.45	40.05 2.69 -0.76	39.66 2.56 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.28 3.03 -14.63	48.84 3.78 -4.93	66.05 3.90 -21.70	62.80 3.55 -19.21	50.20 3.11 -9.75	45.05 3.03 -2.76	43.32 3.16 -1.57	58.82 3.13 -16.00	51.91 3.09 -7.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	65.49 3.45 0.00	62.57 3.38 0.00	64.32 3.45 0.00	58.64 3.23 0.00	50.36 2.86 0.00	46.37 2.68 0.00	44.71 2.63 -3.13	42.84 2.32 -7.69	32.11 1.95 -1.78	29.94 1.87 -0.68	33.54 1.91 -4.10	39.74 2.43 -0.70	39.34 2.38 -1.67	38.31 2.18 -4.82	42.01 2.04 -11.62	40.64 2.63 -1.40	48.04 3.06 -4.85	64.57 3.18 -20.94	61.62 3.12 -18.47	49.53 2.84 -9.33	45.00 2.96 -2.77	42.95 2.87 -1.49	58.40 2.92 -15.80	51.65 2.86 -7.59
FORT ORANGE____ 23900	63.65 1.61 0.00	60.77 1.58 0.00	62.32 1.45 0.00	56.79 1.37 0.00	48.64 1.14 0.00	44.72 1.03 0.00	41.65 1.02 -1.67	36.64 0.93 -2.88	29.81 0.77 -0.66	28.50 0.85 -0.25	29.91 0.84 -1.53	37.96 1.09 -0.26	37.04 1.12 -0.62	36.63 1.04 -4.28	42.04 0.89 -12.79	39.45 1.18 -1.65	46.01 1.38 -4.50	55.06 1.35 -13.25	53.28 1.34 -11.91	43.44 1.20 -4.89	43.82 1.31 -3.26	40.40 1.26 -0.55	57.12 1.32 -16.11	51.02 1.26 -8.55
FORT_DRUM_COGEN 23780	61.01 -1.03 0.00	57.53 -1.66 0.00	58.79 -2.08 0.00	53.09 -2.32 0.00	45.50 -2.00 0.00	42.47 -1.22 0.00	37.55 -1.44 -0.03	31.62 -1.22 0.00	27.37 -1.01 0.00	26.43 -0.96 0.00	26.61 -0.93 0.00	36.19 -0.42 0.00	34.88 -0.42 0.00	31.14 -0.32 -0.15	28.51 -0.35 -0.51	36.07 -0.62 -0.07	39.43 -0.86 -0.15	39.56 -1.24 -0.34	38.79 -1.43 -0.19	35.66 -1.73 -0.04	37.46 -1.85 -0.05	36.80 -1.79 0.00	37.79 -2.15 -0.24	39.18 -2.16 -0.14
FOX_HILLS___ESR 323835	65.78 3.74 0.00	62.95 3.76 0.00	64.82 3.94 0.00	59.19 3.78 0.00	50.83 3.34 0.00	46.80 3.10 0.00	45.15 2.85 -3.34	43.62 2.42 -8.36	32.38 2.07 -1.93	30.17 2.04 -0.74	34.08 2.08 -4.46	39.96 2.59 -0.76	39.60 2.50 -1.81	38.52 2.25 -4.97	42.11 2.08 -11.68	44.59 2.60 -5.37	48.08 3.02 -4.93	65.33 3.15 -21.72	62.35 3.09 -19.23	49.98 2.87 -9.76	44.90 2.88 -2.76	42.94 2.78 -1.58	58.51 2.81 -16.00	51.57 2.76 -7.61
FPL FAR_ROCK_GT1 24212	66.05 4.01 0.00	63.15 3.97 0.00	64.63 3.76 0.00	59.09 3.68 0.00	50.77 3.28 0.00	46.73 3.04 0.00	45.35 3.06 -3.34	43.76 2.58 -8.35	32.55 2.24 -1.93	30.23 2.10 -0.73	34.26 2.27 -4.45	40.23 2.87 -0.76	39.86 2.76 -1.81	38.85 2.58 -4.96	42.45 2.41 -11.68	59.98 3.06 -20.31	48.79 3.73 -4.93	65.98 3.82 -21.70	62.80 3.56 -19.21	50.31 3.22 -9.75	45.32 3.30 -2.76	43.48 3.32 -1.57	59.03 3.34 -16.00	52.12 3.31 -7.61



FPL FAR_ROCK_GT2 23815	66.05 4.01 0.00	63.15 3.97 0.00	64.63 3.76 0.00	59.09 3.68 0.00	50.77 3.28 0.00	46.73 3.04 0.00	45.35 3.06 -3.34	43.76 2.58 -8.35	32.55 2.24 -1.93	30.23 2.10 -0.73	34.26 2.27 -4.45	40.23 2.87 -0.76	39.86 2.76 -1.81	38.85 2.58 -4.96	42.45 2.41 -11.68	59.98 3.06 -20.31	48.79 3.73 -4.93	65.98 3.82 -21.70	62.80 3.56 -19.21	50.31 3.22 -9.75	45.32 3.30 -2.76	43.48 3.32 -1.57	59.03 3.34 -16.00	52.12 3.31 -7.61
FRANKLIN_FALL_HYD 24054	60.39 -1.65 0.00	57.78 -1.41 0.00	59.96 -0.91 0.00	54.29 -1.12 0.00	46.00 -1.50 0.00	42.40 -1.29 0.00	37.77 -1.19 -0.01	31.61 -1.22 0.00	27.53 -0.85 0.00	26.64 -0.76 0.00	26.65 -0.89 0.00	36.20 -0.41 0.00	34.64 -0.66 0.00	30.62 -0.74 -0.05	27.97 -0.55 -0.17	35.88 -0.77 -0.02	39.04 -1.14 -0.04	38.85 -1.72 -0.11	37.96 -2.07 0.00	35.50 -1.85 0.00	37.53 -1.73 0.00	37.07 -1.51 0.00	38.75 -0.94 0.00	39.96 -1.24 0.00
FREEPORT_EQUS_GT1 23764	65.62 3.58 0.00	62.78 3.60 0.00	64.15 3.28 0.00	58.68 3.28 0.00	50.43 2.94 0.00	46.43 2.74 0.00	45.08 2.79 -3.34	43.53 2.34 -8.35	32.36 2.06 -1.93	30.03 1.90 -0.73	34.08 2.09 -4.45	39.96 2.60 -0.76	39.60 2.50 -1.81	38.63 2.36 -4.96	42.26 2.22 -11.68	57.22 2.84 -17.76	48.22 3.16 -4.93	65.58 3.43 -21.70	62.40 3.15 -19.21	49.91 2.82 -9.75	44.87 2.85 -2.76	43.17 3.02 -1.57	58.77 3.08 -16.00	51.84 3.03 -7.61
FREEPORT___CT2 23818	65.62 3.58 0.00	62.78 3.60 0.00	64.15 3.28 0.00	58.68 3.28 0.00	50.43 2.94 0.00	46.43 2.74 0.00	45.08 2.79 -3.34	43.53 2.34 -8.35	32.36 2.06 -1.93	30.03 1.90 -0.73	34.08 2.09 -4.45	39.96 2.60 -0.76	39.60 2.50 -1.81	38.63 2.36 -4.96	42.26 2.22 -11.68	57.22 2.84 -17.76	48.22 3.16 -4.93	65.58 3.43 -21.70	62.40 3.15 -19.21	49.91 2.82 -9.75	44.87 2.85 -2.76	43.17 3.02 -1.57	58.77 3.08 -16.00	51.84 3.03 -7.61
FRESHKLS_33_KV_LOAD 356253	65.95 3.91 0.00	63.12 3.94 0.00	65.07 4.20 0.00	59.46 4.06 0.00	51.07 3.58 0.00	47.01 3.32 0.00	45.25 2.96 -3.34	43.68 2.48 -8.36	32.41 2.10 -1.93	30.17 2.04 -0.74	34.06 2.07 -4.46	39.91 2.54 -0.76	39.56 2.46 -1.81	38.49 2.21 -4.97	42.10 2.06 -11.68	44.59 2.60 -5.37	48.09 3.03 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.88 2.86 -2.76	42.94 2.78 -1.58	58.51 2.81 -16.00	51.57 2.75 -7.61
FULTON COGEN____ 23766	60.73 -1.32 0.00	57.89 -1.30 0.00	59.53 -1.34 0.00	54.19 -1.22 0.00	46.44 -1.05 0.00	42.71 -0.98 0.00	38.02 -0.98 -0.05	31.97 -0.87 0.00	27.66 -0.72 0.00	26.65 -0.74 0.00	26.73 -0.80 0.00	35.55 -1.06 0.00	34.29 -1.00 0.00	30.66 -0.88 -0.23	28.30 -0.83 -0.78	35.69 -1.03 -0.10	39.25 -1.13 -0.25	39.87 -1.10 -0.51	39.44 -1.07 -0.48	36.53 -0.95 -0.14	38.41 -1.06 -0.21	37.54 -1.05 0.00	39.53 -1.14 -0.97	40.59 -1.16 -0.54
FULTON___LFGE 323630	65.38 3.33 0.00	62.24 3.06 0.00	64.06 3.19 0.00	58.27 2.86 0.00	49.95 2.46 0.00	46.02 2.33 0.00	42.58 2.17 -1.46	36.65 1.87 -1.95	30.27 1.44 -0.45	28.29 0.72 -0.17	29.47 0.89 -1.04	38.46 1.67 -0.18	37.35 1.64 -0.42	37.33 1.54 -4.49	43.93 1.50 -14.08	40.52 2.07 -1.84	47.35 2.44 -4.77	55.54 2.57 -12.51	53.86 2.51 -11.32	43.89 2.31 -4.23	45.28 2.39 -3.63	41.30 2.34 -0.37	59.47 2.33 -17.45	53.02 2.37 -9.46
G.F.CEMENT___DRP 24184	66.12 4.08 0.00	63.16 3.97 0.00	64.62 3.75 0.00	58.89 3.49 0.00	50.69 3.19 0.00	46.77 3.08 0.00	43.59 3.05 -1.59	38.08 2.69 -2.55	31.24 2.27 -0.59	29.73 2.11 -0.22	31.11 2.21 -1.36	39.85 3.01 -0.23	38.77 2.93 -0.55	38.25 2.60 -4.34	43.95 2.42 -13.18	41.39 3.07 -1.70	48.28 3.57 -4.57	56.94 3.54 -12.94	55.21 3.52 -11.66	45.17 3.19 -4.64	45.95 3.32 -3.37	42.24 3.17 -0.48	59.56 3.37 -16.50	53.30 3.27 -8.83
GARDENVILLE___LBMP 24039	60.20 -1.84 0.00	57.32 -1.87 0.00	59.48 -1.39 0.00	54.15 -1.25 0.00	46.03 -1.47 0.00	42.26 -1.43 0.00	37.33 -1.72 -0.09	30.94 -1.90 0.00	26.97 -1.41 0.00	24.26 -1.44 1.70	25.81 -1.73 0.00	34.33 -2.27 0.00	32.93 -2.36 0.00	24.18 -2.26 4.87	23.78 -2.28 2.29	33.97 -2.85 -0.21	37.39 -3.14 -0.40	36.64 -2.90 0.92	31.97 -2.80 5.25	23.77 -2.65 10.92	28.96 -2.76 7.53	35.54 -2.81 0.24	38.95 -2.62 -1.88	39.59 -2.67 -1.05
GARDNVLA_35_KV_LD 355827	60.52 -1.52 0.00	57.62 -1.57 0.00	59.75 -1.12 0.00	54.42 -0.99 0.00	46.24 -1.26 0.00	42.47 -1.22 0.00	37.51 -1.53 -0.09	31.10 -1.73 0.00	27.11 -1.27 0.00	24.41 -1.31 1.68	25.95 -1.59 0.00	34.54 -2.07 0.00	33.13 -2.16 0.00	25.29 -2.10 3.92	24.61 -2.13 1.62	34.19 -2.64 -0.21	37.66 -2.90 -0.42	37.24 -2.65 0.57	33.31 -2.58 4.14	25.89 -2.44 9.02	30.62 -2.52 6.11	35.82 -2.57 0.20	39.19 -2.38 -1.88	39.83 -2.43 -1.06
GELCKHM___115KV_LOAD 80723	61.31 -0.73 0.00	58.43 -0.76 0.00	60.12 -0.75 0.00	54.73 -0.68 0.00	46.90 -0.60 0.00	43.14 -0.56 0.00	38.41 -0.60 -0.05	32.29 -0.54 0.00	27.94 -0.44 0.00	26.93 -0.46 0.00	27.02 -0.51 0.00	35.94 -0.67 0.00	34.64 -0.65 0.00	31.00 -0.57 -0.26	28.71 -0.53 -0.89	36.07 -0.66 -0.12	39.68 -0.74 -0.28	40.33 -0.71 -0.58	39.90 -0.67 -0.54	36.88 -0.62 -0.16	38.82 -0.68 -0.24	37.90 -0.68 0.00	40.04 -0.75 -1.09	41.07 -0.74 -0.61
GENERAL___MILLS 23808	60.45 -1.59 0.00	57.54 -1.64 0.00	59.69 -1.19 0.00	54.35 -1.06 0.00	46.19 -1.31 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	31.07 -1.77 0.00	27.07 -1.31 0.00	24.37 -1.34 1.68	25.92 -1.62 0.00	34.49 -2.12 0.00	33.08 -2.21 0.00	25.00 -2.14 4.18	24.38 -2.17 1.80	34.13 -2.69 -0.21	37.59 -2.96 -0.42	37.09 -2.71 0.67	32.95 -2.64 4.44	25.32 -2.50 9.53	30.17 -2.59 6.50	35.74 -2.64 0.21	39.12 -2.45 -1.88	39.76 -2.49 -1.05
GE_PLASTICS___DRP 24183	63.33 1.29 0.00	60.47 1.28 0.00	62.06 1.19 0.00	56.53 1.12 0.00	48.45 0.94 0.00	44.57 0.88 0.00	41.48 0.88 -1.64	36.40 0.78 -2.78	29.68 0.65 -0.64	28.36 0.73 -0.24	29.77 0.75 -1.48	37.81 0.96 -0.25	36.86 0.97 -0.60	36.45 0.89 -4.26	41.90 0.77 -12.78	39.25 0.99 -1.65	45.74 1.12 -4.48	54.64 1.11 -13.08	52.89 1.10 -11.76	43.13 0.99 -4.79	43.60 1.08 -3.26	40.18 1.06 -0.53	56.87 1.11 -16.07	50.85 1.09 -8.55
GILBOA___1 23756	63.35 1.31 0.00	60.49 1.31 0.00	62.15 1.28 0.00	56.63 1.22 0.00	48.58 1.08 0.00	44.72 1.03 0.00	41.00 1.03 -1.02	35.08 0.90 -1.34	29.44 0.76 -0.31	28.27 0.76 -0.12	29.04 0.78 -0.71	37.73 1.00 -0.12	36.55 0.97 -0.29	35.36 0.88 -3.17	39.14 0.81 -9.98	38.95 1.03 -1.30	44.63 1.12 -3.37	50.40 1.14 -8.79	49.12 1.13 -7.96	41.34 1.03 -2.96	43.00 1.17 -2.57	39.97 1.13 -0.25	53.23 1.19 -12.35	49.33 1.43 -6.70
GILBOA___2 23757	63.35 1.31 0.00	60.49 1.31 0.00	62.15 1.28 0.00	56.63 1.22 0.00	48.58 1.08 0.00	44.72 1.03 0.00	41.00 1.03 -1.02	35.08 0.90 -1.34	29.44 0.76 -0.31	28.27 0.76 -0.12	29.04 0.78 -0.71	37.73 1.00 -0.12	36.55 0.97 -0.29	35.36 0.88 -3.17	39.14 0.81 -9.98	38.95 1.03 -1.30	44.63 1.12 -3.37	50.40 1.14 -8.79	49.12 1.13 -7.96	41.34 1.03 -2.96	43.00 1.17 -2.57	39.97 1.13 -0.25	53.23 1.19 -12.35	49.33 1.43 -6.70

GILBOA___3 23758	63.35 1.31 0.00	60.49 1.31 0.00	62.15 1.28 0.00	56.63 1.22 0.00	48.58 1.08 0.00	44.72 1.03 0.00	41.00 1.03 -1.02	35.08 0.90 -1.34	29.44 0.76 -0.31	28.27 0.76 -0.12	29.04 0.78 -0.71	37.73 1.00 -0.12	36.55 0.97 -0.29	35.36 0.88 -3.17	39.14 0.81 -9.98	38.95 1.03 -1.30	44.63 1.12 -3.37	50.40 1.14 -8.79	49.12 1.13 -7.96	41.34 1.03 -2.96	43.00 1.17 -2.57	39.97 1.13 -0.25	53.23 1.19 -12.35	49.33 1.43 -6.70
GILBOA___4 23759	63.35 1.31 0.00	60.49 1.31 0.00	62.15 1.28 0.00	56.63 1.22 0.00	48.58 1.08 0.00	44.72 1.03 0.00	41.00 1.03 -1.02	35.08 0.90 -1.34	29.44 0.76 -0.31	28.27 0.76 -0.12	29.04 0.78 -0.71	37.73 1.00 -0.12	36.55 0.97 -0.29	35.36 0.88 -3.17	39.14 0.81 -9.98	38.95 1.03 -1.30	44.63 1.12 -3.37	50.40 1.14 -8.79	49.12 1.13 -7.96	41.34 1.03 -2.96	43.00 1.17 -2.57	39.97 1.13 -0.25	53.23 1.19 -12.35	49.33 1.43 -6.70
GILBOA___ 23599	63.35 1.31 0.00	60.50 1.31 0.00	62.15 1.28 0.00	56.63 1.22 0.00	48.58 1.08 0.00	44.72 1.03 0.00	41.00 1.03 -1.02	35.08 0.90 -1.34	29.45 0.76 -0.31	28.26 0.75 -0.12	29.04 0.79 -0.71	37.72 1.00 -0.12	36.55 0.96 -0.29	35.36 0.88 -3.17	39.14 0.81 -9.98	38.95 1.03 -1.30	44.63 1.12 -3.37	50.40 1.14 -8.79	49.12 1.14 -7.96	41.33 1.02 -2.96	43.00 1.17 -2.57	39.97 1.13 -0.25	53.23 1.18 -12.35	49.33 1.43 -6.70
GINNA___ 23603	58.12 -3.92 0.00	55.35 -3.84 0.00	57.19 -3.69 0.00	52.03 -3.38 0.00	44.45 -3.05 0.00	40.90 -2.80 0.00	36.35 -2.67 -0.07	30.42 -2.41 0.00	26.40 -1.98 0.00	24.50 -2.02 0.87	25.40 -2.14 0.00	33.81 -2.80 0.00	32.54 -2.76 0.00	29.10 -2.54 -0.33	26.94 -2.46 -1.04	33.75 -3.02 -0.15	37.23 -3.26 -0.36	38.07 -3.13 -0.74	37.60 -3.11 -0.68	34.24 -2.96 0.14	36.42 -3.13 -0.30	35.51 -3.08 0.00	37.95 -3.12 -1.37	38.71 -3.27 -0.77
GLEN PARK___ 23778	61.18 -0.86 0.00	57.70 -1.49 0.00	58.96 -1.92 0.00	53.25 -2.16 0.00	45.68 -1.82 0.00	42.73 -0.96 0.00	37.73 -1.26 -0.03	31.75 -1.09 0.00	27.48 -0.89 0.00	26.55 -0.84 0.00	26.72 -0.82 0.00	36.31 -0.30 0.00	35.01 -0.29 0.00	31.25 -0.21 -0.15	28.65 -0.23 -0.53	36.23 -0.46 -0.07	39.56 -0.74 -0.17	39.80 -1.01 -0.34	39.59 -0.88 -0.44	36.93 -0.56 -0.14	38.59 -0.89 -0.21	37.81 -0.78 0.00	39.26 -1.41 -0.98	40.08 -1.67 -0.55
GLENDALE_27_KV_LOAD 356172	65.64 3.60 0.00	62.77 3.58 0.00	64.58 3.71 0.00	58.85 3.44 0.00	50.54 3.04 0.00	46.52 2.83 0.00	45.04 2.75 -3.34	43.62 2.43 -8.36	32.40 2.09 -1.93	30.22 2.09 -0.74	34.17 2.18 -4.46	40.11 2.75 -0.76	39.76 2.65 -1.81	38.67 2.40 -4.97	42.22 2.19 -11.68	44.72 2.73 -5.37	48.17 3.11 -4.93	65.36 3.18 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	45.03 3.01 -2.76	43.09 2.92 -1.58	58.65 2.95 -16.00	51.72 2.91 -7.61
GLENWOOD_IC_1_G5 23712	65.43 3.39 0.00	62.61 3.43 0.00	64.20 3.33 0.00	58.64 3.23 0.00	50.36 2.86 0.00	46.38 2.69 0.00	44.98 2.69 -3.34	43.49 2.31 -8.35	32.30 2.00 -1.93	30.03 1.91 -0.73	34.03 2.04 -4.45	39.94 2.57 -0.76	39.58 2.48 -1.81	38.57 2.30 -4.96	42.18 2.14 -11.68	60.68 2.72 -21.35	48.23 3.17 -4.93	65.42 3.26 -21.70	62.35 3.10 -19.21	49.90 2.80 -9.75	44.90 2.87 -2.76	43.03 2.87 -1.57	58.60 2.91 -16.00	51.68 2.87 -7.61
GLENWOOD_IC_2_G1 23688	65.21 3.17 0.00	62.37 3.18 0.00	64.00 3.13 0.00	58.43 3.02 0.00	50.19 2.69 0.00	46.21 2.52 0.00	44.81 2.52 -3.34	43.36 2.17 -8.35	32.17 1.87 -1.93	29.94 1.81 -0.73	33.90 1.91 -4.45	39.77 2.41 -0.76	39.43 2.32 -1.81	38.41 2.14 -4.96	42.02 1.99 -11.68	45.17 2.52 -6.03	48.00 2.94 -4.93	65.18 3.02 -21.70	62.14 2.90 -19.21	49.72 2.63 -9.75	44.74 2.72 -2.76	42.86 2.70 -1.57	58.42 2.73 -16.00	51.50 2.69 -7.61
GLENWOOD_IC_3_G1 23689	65.21 3.17 0.00	62.37 3.18 0.00	64.00 3.13 0.00	58.43 3.02 0.00	50.19 2.69 0.00	46.21 2.52 0.00	44.81 2.52 -3.34	43.36 2.17 -8.35	32.17 1.87 -1.93	29.94 1.81 -0.73	33.90 1.91 -4.45	39.77 2.41 -0.76	39.43 2.32 -1.81	38.41 2.14 -4.96	42.02 1.99 -11.68	45.17 2.52 -6.03	48.00 2.94 -4.93	65.18 3.02 -21.70	62.14 2.90 -19.21	49.72 2.63 -9.75	44.74 2.72 -2.76	42.86 2.70 -1.57	58.42 2.73 -16.00	51.50 2.69 -7.61
GLENWOOD___4 23550	65.43 3.39 0.00	62.61 3.43 0.00	64.20 3.33 0.00	58.64 3.23 0.00	50.36 2.86 0.00	46.38 2.69 0.00	44.98 2.69 -3.34	43.49 2.31 -8.35	32.30 2.00 -1.93	30.03 1.91 -0.73	34.03 2.04 -4.45	39.94 2.57 -0.76	39.58 2.48 -1.81	38.57 2.30 -4.96	42.18 2.14 -11.68	60.68 2.72 -21.35	48.23 3.17 -4.93	65.42 3.26 -21.70	62.35 3.10 -19.21	49.90 2.80 -9.75	44.90 2.87 -2.76	43.03 2.87 -1.57	58.60 2.91 -16.00	51.68 2.87 -7.61
GLENWOOD___5 23614	65.43 3.39 0.00	62.61 3.43 0.00	64.20 3.33 0.00	58.64 3.23 0.00	50.36 2.86 0.00	46.38 2.69 0.00	44.98 2.69 -3.34	43.49 2.31 -8.35	32.30 2.00 -1.93	30.03 1.91 -0.73	34.03 2.04 -4.45	39.94 2.57 -0.76	39.58 2.48 -1.81	38.57 2.30 -4.96	42.18 2.14 -11.68	60.68 2.72 -21.35	48.23 3.17 -4.93	65.42 3.26 -21.70	62.35 3.10 -19.21	49.90 2.80 -9.75	44.90 2.87 -2.76	43.03 2.87 -1.57	58.60 2.91 -16.00	51.68 2.87 -7.61
GLOBAL GREEN_PORT_GT1 23814	65.19 3.15 0.00	62.73 3.54 0.00	63.88 3.00 0.00	58.04 2.63 0.00	50.31 2.81 0.00	46.43 2.74 0.00	45.27 2.98 -3.34	43.40 2.22 -8.35	32.73 2.43 -1.93	30.17 2.05 -0.73	34.46 2.47 -4.45	40.36 3.00 -0.76	39.97 2.87 -1.81	38.78 2.51 -4.96	42.23 2.20 -11.68	54.10 2.89 -14.59	48.70 3.63 -4.93	65.81 3.66 -21.70	62.65 3.40 -19.21	50.14 3.05 -9.75	44.74 2.72 -2.76	43.08 2.92 -1.57	58.50 2.80 -16.00	51.49 2.68 -7.61
GLOBE___DSASP 323697	58.52 -3.52 0.00	55.71 -3.47 0.00	57.92 -2.96 0.00	52.66 -2.75 0.00	44.77 -2.73 0.00	41.13 -2.56 0.00	36.30 -2.74 -0.09	30.03 -2.80 0.00	26.23 -2.15 0.00	23.75 -2.19 1.46	25.01 -2.52 0.00	33.07 -3.53 0.00	31.69 -3.61 0.00	24.81 -3.34 3.16	23.84 -3.33 1.18	32.52 -4.29 -0.19	35.76 -4.77 -0.40	35.56 -4.55 0.36	32.30 -4.45 3.29	25.95 -4.01 7.40	30.00 -4.31 4.95	34.19 -4.23 0.16	37.46 -3.97 -1.74	38.02 -4.15 -0.98
GOETHSLN___LBMP 323567	65.04 2.99 0.00	62.19 3.00 0.00	64.01 3.13 0.00	58.36 2.95 0.00	50.11 2.62 0.00	46.13 2.44 0.00	44.73 2.43 -3.34	43.36 2.15 -8.37	32.14 1.83 -1.93	29.97 1.84 -0.74	33.89 1.90 -4.46	39.73 2.36 -0.76	39.39 2.28 -1.81	38.34 2.07 -4.97	41.93 1.89 -11.68	44.35 2.35 -5.38	47.78 2.72 -4.93	64.97 2.78 -21.73	62.02 2.75 -19.24	49.66 2.55 -9.76	44.69 2.66 -2.76	42.76 2.60 -1.58	58.33 2.64 -16.00	51.41 2.60 -7.61
GOLAH___69_KV_TB 1_2 80279	60.86 -1.18 0.00	57.97 -1.22 0.00	60.01 -0.86 0.00	54.64 -0.77 0.00	46.69 -0.81 0.00	42.87 -0.82 0.00	38.04 -0.98 -0.07	31.70 -1.13 0.00	27.56 -0.82 0.00	25.44 -0.95 1.00	26.36 -1.17 0.00	35.17 -1.44 0.00	33.78 -1.52 0.00	29.53 -1.46 0.32	27.47 -1.51 -0.62	34.98 -1.80 -0.16	38.63 -1.87 -0.36	39.34 -1.65 -0.53	38.35 -1.62 0.06	34.30 -1.55 1.50	36.92 -1.66 0.69	36.91 -1.64 0.03	39.54 -1.59 -1.44	40.31 -1.70 -0.80

GOODYEAR_LAKE_HYD 323669	64.17 2.13 0.00	61.16 1.98 0.00	62.97 2.09 0.00	57.36 1.95 0.00	49.24 1.74 0.00	45.32 1.63 0.00	40.70 1.56 -0.18	34.16 1.32 0.00	29.51 1.14 0.00	28.40 1.00 0.00	28.54 1.01 0.00	37.96 1.35 0.00	36.53 1.24 0.00	33.32 1.11 -0.90	32.44 1.02 -3.07	38.39 1.36 -0.41	42.70 1.59 -0.98	44.17 1.70 -2.01	43.56 1.69 -1.85	39.41 1.53 -0.53	41.65 1.59 -0.81	40.06 1.48 0.00	44.89 1.48 -3.71	44.89 1.61 -2.08
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	62.49 0.45 0.00	59.58 0.39 0.00	61.36 0.49 0.00	55.85 0.45 0.00	47.92 0.42 0.00	43.99 0.30 0.00	39.03 0.27 0.19	31.82 0.15 1.17	28.21 0.10 0.27	27.38 0.10 0.10	26.98 0.06 0.62	36.65 0.15 0.11	35.12 0.08 0.25	32.04 0.05 -0.68	31.43 0.04 -3.04	37.14 0.09 -0.43	41.11 0.18 -0.80	40.71 0.24 -0.01	40.45 0.31 -0.11	36.95 0.17 0.57	40.35 0.24 -0.84	38.48 0.11 0.22	43.27 0.17 -3.41	43.53 0.23 -2.10
GOUDEY___7 23579	62.49 0.45 0.00	59.58 0.39 0.00	61.36 0.49 0.00	55.85 0.45 0.00	47.92 0.42 0.00	43.99 0.30 0.00	39.03 0.27 0.19	31.82 0.15 1.17	28.21 0.10 0.27	27.38 0.10 0.10	26.98 0.06 0.62	36.65 0.15 0.11	35.12 0.08 0.25	32.04 0.05 -0.68	31.43 0.04 -3.04	37.14 0.09 -0.43	41.11 0.18 -0.80	40.71 0.24 -0.01	40.45 0.31 -0.11	36.95 0.17 0.57	40.35 0.24 -0.84	38.48 0.11 0.22	43.27 0.17 -3.41	43.53 0.23 -2.10
GOUDEY___8 23580	62.49 0.45 0.00	59.58 0.39 0.00	61.36 0.49 0.00	55.85 0.45 0.00	47.92 0.42 0.00	43.99 0.30 0.00	39.03 0.27 0.19	31.82 0.15 1.17	28.21 0.10 0.27	27.38 0.10 0.10	26.98 0.06 0.62	36.65 0.15 0.11	35.12 0.08 0.25	32.04 0.05 -0.68	31.43 0.04 -3.04	37.14 0.09 -0.43	41.11 0.18 -0.80	40.71 0.24 -0.01	40.45 0.31 -0.11	36.95 0.17 0.57	40.35 0.24 -0.84	38.48 0.11 0.22	43.27 0.17 -3.41	43.53 0.23 -2.10
GOWANUS_GT1_1 24077	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_2 24078	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_3 24079	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_4 24080	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_5 24084	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_6 24111	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_7 24112	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT1_8 24113	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GOWANUS_GT2_1 24114	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_2 24115	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_3 24116	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61

GOWANUS_GT2_4 24117	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_5 24118	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_6 24119	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_7 24120	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT2_8 24121	65.65 3.61 0.00	62.78 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.13 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.10 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.87 -16.00	51.63 2.81 -7.61
GOWANUS_GT3_1 24122	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
GOWANUS_GT3_2 24123	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
GOWANUS_GT3_3 24124	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.0																					

GOWANUS_GT4_3 24132	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GOWANUS_GT4_4 24133	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GOWANUS_GT4_5 24134	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GOWANUS_GT4_6 24135	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GOWANUS_GT4_7 24136	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GOWANUS_GT4_8 24137	65.65 3.61 0.00	62.77 3.59 0.00	64.63 3.76 0.00	58.94 3.53 0.00	50.63 3.14 0.00	46.61 2.92 0.00	45.07 2.78 -3.34	43.61 2.41 -8.36	32.37 2.06 -1.93	30.18 2.05 -0.74	34.11 2.11 -4.46	40.00 2.64 -0.76	39.67 2.56 -1.81	38.57 2.30 -4.97	42.15 2.12 -11.68	44.63 2.64 -5.37	48.10 3.04 -4.93	65.33 3.15 -21.72	62.36 3.10 -19.23	49.99 2.88 -9.76	44.97 2.95 -2.76	43.00 2.84 -1.58	58.56 2.86 -16.00	51.62 2.81 -7.61
GREENBSH_115KV_TB3 55895	63.21 1.17 0.00	60.37 1.18 0.00	61.89 1.02 0.00	56.40 0.99 0.00	48.30 0.80 0.00	44.40 0.71 0.00	41.33 0.72 -1.66	36.31 0.66 -2.82	29.59 0.56 -0.65	28.33 0.69 -0.25	29.76 0.72 -1.50	37.77 0.91 -0.26	36.84 0.93 -0.61	36.43 0.84 -4.28	41.90 0.71 -12.84	39.18 1.03 -1.65	45.66 1.03 -4.50	54.62 0.99 -13.18	52.86 0.98 -11.85	43.07 0.89 -4.84	43.51 0.98 -3.27	40.07 0.95 -0.54	56.86 1.02 -16.15	50.74 0.96 -8.59
GREENDGE_115KV_TB5 80291	61.59 -0.45 0.00	58.69 -0.50 0.00	60.44 -0.43 0.00	55.02 -0.39 0.00	47.22 -0.27 0.00	43.39 -0.31 0.00	38.69 -0.38 -0.11	32.37 -0.46 0.00	28.02 -0.35 0.00	22.42 -0.39 4.58	27.03 -0.50 0.00	35.99 -0.61 0.00	34.60 -0.69 0.00	37.09 -0.72 -6.50	33.22 -0.67 -5.54	36.18 -0.69 -0.25	40.29 -0.56 -0.72	43.47 -0.40 -3.41	47.72 -0.36 -8.05	47.09 -0.53 -10.27	48.06 -0.56 -9.36	38.23 -0.62 -0.27	41.42 -0.60 -2.33	41.96 -0.54 -1.30
GREENIDGE___3 23582	61.59 -0.45 0.00	58.69 -0.50 0.00	60.44 -0.43 0.00	55.02 -0.39 0.00	47.22 -0.27 0.00	43.39 -0.31 0.00	38.69 -0.38 -0.11	32.37 -0.46 0.00	28.02 -0.35 0.00	22.42 -0.39 4.58	27.03 -0.50 0.00	35.99 -0.61 0.00	34.60 -0.69 0.00	37.09 -0.72 -6.50	33.22 -0.67 -5.54	36.18 -0.69 -0.25	40.29 -0.56 -0.72	43.47 -0.40 -3.41	47.72 -0.36 -8.05	47.09 -0.53 -10.27	48.06 -0.56 -9.36	38.23 -0.62 -0.27	41.42 -0.60 -2.33	41.96 -0.54 -1.30
GREENIDGE___4 23583	61.58 -0.46 0.00	58.69 -0.50 0.00	60.44 -0.43 0.00	55.03 -0.37 0.00	47.23 -0.27 0.00	43.39 -0.31 0.00	38.70 -0.37 -0.11	32.37 -0.47 0.00	28.02 -0.36 0.00	22.42 -0.40 4.58	27.04 -0.50 0.00	35.99 -0.61 0.00	34.59 -0.70 0.00	37.09 -0.72 -6.50	33.22 -0.68 -5.54	36.18 -0.70 -0.25	40.30 -0.55 -0.72	43.47 -0.40 -3.41	47.73 -0.35 -8.05	47.09 -0.53 -10.27	48.06 -0.56 -9.36	38.23 -0.62 -0.27	41.42 -0.60 -2.33	41.96 -0.55 -1.30
GREENLWN_69_KV_BK 3 55738	65.08 3.04 0.00	62.31 3.13 0.00	63.55 2.68 0.00	58.20 2.79 0.00	50.01 2.52 0.00	46.04 2.35 0.00	44.77 2.49 -3.34	43.24 2.05 -8.35	32.14 1.84 -1.93	29.74 1.61 -0.73	33.86 1.87 -4.45	39.69 2.32 -0.76	39.31 2.21 -1.81	38.40 2.13 -4.96	42.05 2.02 -11.68	54.00 2.58 -14.80	48.27 3.21 -4.93	65.50 3.34 -21.70	62.25 3.01 -19.21	49.71 2.61 -9.75	44.63 2.60 -2.76	42.85 2.69 -1.57	58.37 2.68 -16.00	51.48 2.67 -7.61
GREENWD_138_KV_38B11_REV_LBMP_J 345004	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61
GRISSOM___SOLAR 323813	65.32 3.28 0.00	62.21 3.02 0.00	63.99 3.11 0.00	58.22 2.81 0.00	49.91 2.41 0.00	45.99 2.29 0.00	42.58 2.15 -1.47	36.70 1.86 -2.01	30.25 1.41 -0.46	28.21 0.65 -0.18	29.48 0.87 -1.07	38.43 1.64 -0.18	37.35 1.62 -0.43	37.32 1.55 -4.47	43.82 1.50 -13.96	40.51 2.07 -1.82	47.34 2.46 -4.74	55.57 2.57 -12.54	53.88 2.51 -11.34	43.93 2.30 -4.27	45.25 2.40 -3.60	41.31 2.34 -0.38	59.36 2.34 -17.33	52.94 2.36 -9.38
GROVEVILLE___HYD 323602	65.49 3.45 0.00	62.57 3.38 0.00	64.32 3.45 0.00	58.64 3.23 0.00	50.36 2.86 0.00	46.37 2.68 0.00	44.71 2.63 -3.13	42.84 2.32 -7.69	32.11 1.95 -1.78	29.94 1.87 -0.68	33.54 1.91 -4.10	39.74 2.43 -0.70	39.34 2.38 -1.67	38.31 2.18 -4.82	42.01 2.04 -11.62	40.64 2.63 -1.40	48.04 3.06 -4.85	64.57 3.18 -20.94	61.62 3.12 -18.47	49.53 2.84 -9.33	45.00 2.96 -2.77	42.95 2.87 -1.49	58.40 2.92 -15.80	51.65 2.86 -7.59
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68

HAMLTNNY_34_KV_TB 80303	61.70 -0.34 0.00	58.79 -0.40 0.00	60.50 -0.38 0.00	55.07 -0.34 0.00	47.19 -0.31 0.00	43.40 -0.29 0.00	38.68 -0.34 -0.06	32.53 -0.30 0.00	28.16 -0.22 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.19 -0.41 0.00	34.88 -0.42 0.00	31.25 -0.37 -0.31	29.04 -0.37 -1.06	36.36 -0.40 -0.14	40.07 -0.40 -0.34	40.76 -0.39 -0.69	40.34 -0.33 -0.64	37.21 -0.32 -0.18	39.19 -0.35 -0.28	38.22 -0.37 0.00	40.50 -0.48 -1.29	41.50 -0.43 -0.72
HAMPSHIRE___PAPER_HYD 323593	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.44 0.00	34.76 -0.53 0.00	30.77 -0.63 -0.09	28.05 -0.61 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.42 -1.96 -0.03	37.25 -2.06 -0.04	36.69 -1.89 0.00	37.99 -1.90 -0.20	39.30 -2.02 -0.11
HARDSCRABBLE_WT_PWR 323673	62.07 0.03 0.00	59.08 -0.10 0.00	60.61 -0.26 0.00	55.27 -0.14 0.00	47.43 -0.07 0.00	43.71 0.02 0.00	39.31 0.36 0.00	33.33 0.49 0.00	28.71 0.33 0.00	27.61 0.22 0.00	27.75 0.22 0.00	36.93 0.33 0.00	35.59 0.30 0.00	31.65 0.34 0.00	28.69 0.34 0.00	37.16 0.54 0.00	40.87 0.73 0.00	41.24 0.78 0.00	40.86 0.84 0.00	38.09 0.74 0.00	40.06 0.80 0.00	39.35 0.76 0.00	40.69 1.00 0.00	42.16 0.96 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	65.11 3.07 0.00	62.23 3.04 0.00	64.04 3.17 0.00	58.38 2.97 0.00	50.15 2.66 0.00	46.17 2.48 0.00	45.42 2.45 -4.02	45.51 2.11 -10.56	32.56 1.74 -2.44	29.99 1.67 -0.93	34.86 1.70 -5.63	39.70 2.14 -0.96	39.66 2.08 -2.29	38.50 1.90 -5.30	41.56 1.78 -11.43	34.61 2.26 4.27	47.97 2.64 -5.20	68.81 2.78 -25.57	65.27 2.74 -22.50	51.77 2.50 -11.92	44.45 2.58 -2.62	43.13 2.52 -2.02	58.48 2.57 -16.21	51.06 2.49 -7.36
HARSNRAD_115KV_TB1 81005	59.24 -2.81 0.00	56.37 -2.82 0.00	58.54 -2.33 0.00	53.26 -2.15 0.00	45.28 -2.22 0.00	41.63 -2.06 0.00	36.75 -2.29 -0.08	30.43 -2.41 0.00	26.57 -1.81 0.00	24.10 -1.86 1.43	25.31 -2.22 0.00	33.68 -2.93 0.00	32.27 -3.02 0.00	25.38 -2.80 3.13	24.38 -2.83 1.15	33.21 -3.59 -0.19	36.58 -3.95 -0.39	36.45 -3.64 0.37	33.25 -3.51 3.27	26.82 -3.23 7.30	30.95 -3.39 4.92	34.96 -3.47 0.16	38.16 -3.24 -1.72	38.76 -3.41 -0.96
HARZA MOOSE___RIVER 24016	62.06 0.02 0.00	58.81 -0.37 0.00	60.44 -0.44 0.00	54.69 -0.72 0.00	46.85 -0.65 0.00	43.26 -0.43 0.00	38.49 -0.48 -0.02	32.48 -0.36 0.00	28.11 -0.27 0.00	27.17 -0.22 0.00	27.36 -0.18 0.00	36.87 0.26 0.00	35.59 0.30 0.00	31.65 0.25 -0.10	28.79 0.09 -0.34	36.74 0.08 -0.05	40.27 0.03 -0.11	40.43 -0.25 -0.22	39.72 -0.47 -0.16	36.84 -0.55 -0.04	38.74 -0.58 -0.07	38.04 -0.54 0.00	39.14 -0.85 -0.29	40.47 -0.90 -0.17
HDSNBRDG_115KV_BRDG_TB1 355580	61.35 -0.69 0.00	58.49 -0.70 0.00	60.19 -0.68 0.00	54.78 -0.63 0.00	46.95 -0.55 0.00	43.18 -0.51 0.00	38.45 -0.56 -0.05	32.32 -0.51 0.00	27.95 -0.42 0.00	26.94 -0.45 0.00	27.03 -0.50 0.00	35.94 -0.66 0.00	34.65 -0.64 0.00	31.01 -0.56 -0.27	28.73 -0.52 -0.90	36.09 -0.65 -0.12	39.72 -0.71 -0.29	40.38 -0.67 -0.59	39.93 -0.64 -0.55	36.91 -0.59 -0.16	38.84 -0.66 -0.24	37.91 -0.67 0.00	40.06 -0.74 -1.11	41.09 -0.73 -0.62
HELLGATE_13_KV_LD 55870	65.39 3.35 0.00	62.54 3.35 0.00	64.35 3.48 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.35 2.66 0.00	44.89 2.60 -3.34	43.50 2.30 -8.36	32.28 1.97 -1.93	30.11 1.99 -0.74	34.06 2.07 -4.46	39.96 2.60 -0.76	39.63 2.52 -1.81	38.54 2.27 -4.97	42.10 2.07 -11.68	44.54 2.55 -5.37	47.96 2.90 -4.93	65.14 2.96 -21.72	62.17 2.91 -19.23	49.82 2.71 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.43 2.73 -16.00	51.51 2.70 -7.61
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	65.39 3.35 0.00	62.54 3.35 0.00	64.35 3.48 0.00	58.66 3.25 0.00	50.37 2.87 0.00	46.35 2.66 0.00	44.89 2.60 -3.34	43.50 2.30 -8.36	32.28 1.97 -1.93	30.11 1.99 -0.74	34.06 2.07 -4.46	39.96 2.60 -0.76	39.63 2.52 -1.81	38.54 2.27 -4.97	42.10 2.07 -11.68	44.54 2.55 -5.37	47.96 2.90 -4.93	65.14 2.96 -21.72	62.17 2.91 -19.23	49.82 2.71 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.43 2.73 -16.00	51.51 2.70 -7.61
HEMPSTEAD____ 23647	65.19 3.14 0.00	62.41 3.22 0.00	63.87 2.99 0.00	58.36 2.96 0.00	50.16 2.66 0.00	46.20 2.51 0.00	44.84 2.55 -3.34	43.34 2.16 -8.35	32.19 1.89 -1.93	29.89 1.76 -0.73	33.91 1.93 -4.45	39.77 2.40 -0.76	39.40 2.31 -1.81	38.45 2.18 -4.96	42.08 2.04 -11.68	58.36 2.60 -19.14	48.11 3.05 -4.93	65.34 3.18 -21.70	62.19 2.95 -19.21	49.73 2.63 -9.75	44.69 2.67 -2.76	42.89 2.73 -1.57	58.46 2.77 -16.00	51.54 2.73 -7.61
HEWLETT_69_KV_BK3 55828	65.77 3.73 0.00	62.89 3.70 0.00	64.35 3.47 0.00	58.84 3.43 0.00	50.55 3.05 0.00	46.54 2.85 0.00	45.16 2.87 -3.34	43.61 2.42 -8.35	32.41 2.11 -1.93	30.10 1.97 -0.73	34.14 2.15 -4.45	40.06 2.70 -0.76	39.69 2.59 -1.81	38.70 2.42 -4.96	42.31 2.28 -11.68	59.81 2.88 -20.31	48.59 3.53 -4.93	65.75 3.60 -21.70	62.59 3.35 -19.21	50.11 3.01 -9.75	45.11 3.09 -2.76	43.28 3.12 -1.57	58.83 3.14 -16.00	51.93 3.12 -7.61
HICKLING___1 23621	61.14 -0.90 0.00	58.27 -0.91 0.00	60.14 -0.74 0.00	54.73 -0.68 0.00	46.94 -0.56 0.00	42.97 -0.72 0.00	38.40 -0.70 -0.15	32.00 -0.83 0.00	27.61 -0.77 0.00	22.14 -0.73 4.52	26.71 -0.82 0.00	35.63 -0.98 0.00	34.21 -1.09 0.00	32.89 -1.04 -2.62	30.70 -0.96 -3.30	35.86 -1.09 -0.33	39.94 -1.02 -0.82	41.86 -0.90 -2.31	42.92 -0.80 -3.68	38.68 -1.02 -2.35	41.84 -0.89 -3.47	37.52 -1.15 -0.09	41.66 -1.03 -3.00	41.92 -0.96 -1.68
HICKLING___2 23622	61.14 -0.90 0.00	58.27 -0.91 0.00	60.14 -0.74 0.00	54.73 -0.68 0.00	46.94 -0.56 0.00	42.97 -0.72 0.00	38.40 -0.70 -0.15	32.00 -0.83 0.00	27.61 -0.77 0.00	22.14 -0.73 4.52	26.71 -0.82 0.00	35.63 -0.98 0.00	34.21 -1.09 0.00	32.89 -1.04 -2.62	30.70 -0.96 -3.30	35.86 -1.09 -0.33	39.94 -1.02 -0.82	41.86 -0.90 -2.31	42.92 -0.80 -3.68	38.68 -1.02 -2.35	41.84 -0.89 -3.47	37.52 -1.15 -0.09	41.66 -1.03 -3.00	41.92 -0.96 -1.68
HIGH FALLS___HY 23754	65.52 3.48 0.00	62.58 3.39 0.00	64.42 3.55 0.00	58.72 3.32 0.00	50.49 2.99 0.00	46.50 2.80 0.00	43.77 2.75 -2.07	39.69 2.38 -4.48	31.41 2.00 -1.03	29.64 1.85 -0.39	31.78 1.86 -2.39	39.22 2.21 -0.41	38.40 2.14 -0.97	37.30 1.95 -4.05	41.31 1.98 -10.98	40.53 2.54 -1.38	47.34 3.02 -4.18	58.78 3.27 -15.05	56.58 3.20 -13.35	46.49 2.93 -6.21	45.00 3.02 -2.72	42.39 2.93 -0.88	56.95 2.96 -14.30	51.39 2.91 -7.27
HIGH_RIVER___SOLAR 323847	64.33 2.29 0.00	61.35 2.16 0.00	63.06 2.19 0.00	57.41 2.00 0.00	49.24 1.75 0.00	45.37 1.67 0.00	42.06 1.59 -1.52	36.45 1.37 -2.24	29.92 1.03 -0.52	28.27 0.69 -0.20	29.40 0.66 -1.19	38.08 1.27 -0.20	37.05 1.28 -0.49	36.84 1.14 -4.39	43.06 1.14 -13.56	39.90 1.53 -1.76	46.60 1.82 -4.65	55.00 1.86 -12.67	53.31 1.84 -11.44	43.45 1.68 -4.42	44.51 1.77 -3.48	40.73 1.72 -0.42	58.34 1.75 -16.90	52.09 1.79 -9.10

HILLBURN___GT 23639	64.90 2.86 0.00	62.06 2.87 0.00	63.90 3.03 0.00	58.27 2.86 0.00	50.06 2.57 0.00	46.09 2.40 0.00	45.87 2.38 -4.53	47.00 2.06 -12.11	32.87 1.70 -2.79	30.11 1.65 -1.07	35.67 1.68 -6.45	39.82 2.11 -1.10	39.95 2.04 -2.62	38.83 1.84 -5.69	41.86 1.71 -11.79	33.64 2.13 5.10	48.15 2.49 -5.52	71.34 2.64 -28.24	67.51 2.62 -24.86	53.05 2.37 -13.33	44.36 2.45 -2.66	43.28 2.40 -2.30	59.15 2.47 -17.00	51.14 2.38 -7.56
HILLSIDE_115KV_TB1 80332	60.71 -1.33 0.00	57.89 -1.30 0.00	59.75 -1.12 0.00	54.33 -1.08 0.00	46.63 -0.86 0.00	42.66 -1.03 0.00	38.15 -0.95 -0.15	31.83 -1.01 0.00	27.40 -0.98 0.00	22.19 -0.91 4.29	26.57 -0.97 0.00	35.47 -1.13 0.00	34.06 -1.24 0.00	32.59 -1.15 -2.43	30.58 -1.04 -3.26	35.72 -1.24 -0.34	39.77 -1.22 -0.85	41.61 -1.14 -2.29	42.53 -0.99 -3.49	38.13 -1.21 -1.99	41.39 -1.05 -3.18	37.35 -1.31 -0.07	41.62 -1.18 -3.11	41.82 -1.12 -1.74
HISHELDN_WT_PWR 323625	59.50 -2.54 0.00	56.67 -2.51 0.00	58.62 -2.25 0.00	53.43 -1.98 0.00	45.49 -2.01 0.00	41.75 -1.94 0.00	36.91 -2.15 -0.10	30.56 -2.27 0.00	26.59 -1.79 0.00	23.44 -1.84 2.11	25.43 -2.10 0.00	33.88 -2.73 0.00	32.49 -2.80 0.00	17.57 -2.64 11.10	19.28 -2.55 6.52	33.72 -3.12 -0.22	37.13 -3.35 -0.34	34.22 -3.14 3.10	24.45 -3.13 12.45	10.83 -3.03 23.49	19.32 -3.09 16.85	34.87 -3.20 0.52	38.72 -3.02 -2.05	39.37 -2.99 -1.15
HOLTSVILLE_IC_1 23690	65.52 3.48 0.00	62.80 3.62 0.00	63.86 2.99 0.00	58.54 3.13 0.00	50.33 2.83 0.00	46.33 2.64 0.00	45.14 2.85 -3.34	43.49 2.31 -8.35	32.44 2.13 -1.93	29.95 1.83 -0.73	34.09 2.11 -4.45	39.93 2.57 -0.76	39.54 2.44 -1.81	38.61 2.34 -4.96	42.23 2.20 -11.68	54.01 2.82 -14.57	48.57 3.50 -4.93	65.76 3.60 -21.70	62.51 3.26 -19.21	49.95 2.85 -9.75	44.81 2.78 -2.76	43.09 2.93 -1.57	58.59 2.90 -16.00	51.70 2.89 -7.61
HOLTSVILLE_IC_10 23699	65.77 3.73 0.00	63.04 3.86 0.00	64.04 3.17 0.00	58.72 3.31 0.00	50.50 3.01 0.00	46.50 2.81 0.00	45.32 3.03 -3.34	43.63 2.44 -8.35	32.57 2.27 -1.93	30.06 1.93 -0.73	34.20 2.21 -4.45	40.06 2.69 -0.76	39.67 2.57 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.27 3.01 -14.64	48.81 3.74 -4.93	66.01 3.85 -21.70	62.75 3.51 -19.21	50.17 3.07 -9.75	45.01 2.98 -2.76	43.30 3.14 -1.57	58.80 3.10 -16.00	51.89 3.08 -7.61
HOLTSVILLE_IC_2 23691	65.52 3.48 0.00	62.80 3.62 0.00	63.86 2.99 0.00	58.54 3.13 0.00	50.33 2.83 0.00	46.33 2.64 0.00	45.14 2.85 -3.34	43.49 2.31 -8.35	32.44 2.13 -1.93	29.95 1.83 -0.73	34.09 2.11 -4.45	39.93 2.57 -0.76	39.54 2.44 -1.81	38.61 2.34 -4.96	42.23 2.20 -11.68	54.01 2.82 -14.57	48.57 3.50 -4.93	65.76 3.60 -21.70	62.51 3.26 -19.21	49.95 2.85 -9.75	44.81 2.78 -2.76	43.09 2.93 -1.57	58.59 2.90 -16.00	51.70 2.89 -7.61
HOLTSVILLE_IC_3 23692	65.52 3.48 0.00	62.80 3.62 0.00	63.86 2.99 0.00	58.54 3.13 0.00	50.33 2.83 0.00	46.33 2.64 0.00	45.14 2.85 -3.34	43.49 2.31 -8.35	32.44 2.13 -1.93	29.95 1.83 -0.73	34.09 2.11 -4.45	39.93 2.57 -0.76	39.54 2.44 -1.81	38.61 2.34 -4.96	42.23 2.20 -11.68	54.01 2.82 -14.57	48.57 3.50 -4.93	65.76 3.60 -21.70	62.51 3.26 -19.21	49.95 2.85 -9.75	44.81 2.78 -2.76	43.09 2.93 -1.57	58.59 2.90 -16.00	51.70 2.89 -7.61
HOLTSVILLE_IC_4 23693	65.52 3.48 0.00	62.80 3.62 0.00	63.86 2.99 0.00	58.54 3.13 0.00	50.33 2.83 0.00	46.33 2.64 0.00	45.14 2.85 -3.34	43.49 2.31 -8.35	32.44 2.13 -1.93	29.95 1.83 -0.73	34.09 2.11 -4.45	39.93 2.57 -0.76	39.54 2.44 -1.81	38.61 2.34 -4.96	42.23 2.20 -11.68	54.01 2.82 -14.57	48.57 3.50 -4.93	65.76 3.60 -21.70	62.51 3.26 -19.21	49.95 2.85 -9.75	44.81 2.78 -2.76	43.09 2.93 -1.57	58.59 2.90 -16.00	51.70 2.89 -7.61
HOLTSVILLE_IC_5 23694	65.52 3.48 0.00	62.80 3.62 0.00	63.86 2.99 0.00	58.54 3.13 0.00	50.33 2.83 0.00	46.33 2.64 0.00	45.14 2.85 -3.34	43.49 2.31 -8.35	32.44 2.13 -1.93	29.95 1.83 -0.73	34.09 2.11 -4.45	39.93 2.57 -0.76	39.54 2.44 -1.81	38.61 2.34 -4.96	42.23 2.20 -11.68	54.01 2.82 -14.57	48.57 3.50 -4.93	65.76 3.60 -21.70	62.51 3.26 -19.21	49.95 2.85 -9.75	44.81 2.78 -2.76	43.09 2.93 -1.57	58.59 2.90 -16.00	51.70 2.89 -7.61
HOLTSVILLE_IC_6 23695	65.77 3.73 0.00	63.04 3.86 0.00	64.04 3.17 0.00	58.72 3.31 0.00	50.50 3.01 0.00	46.50 2.81 0.00	45.32 3.03 -3.34	43.63 2.44 -8.35	32.57 2.27 -1.93	30.06 1.93 -0.73	34.20 2.21 -4.45	40.06 2.69 -0.76	39.67 2.57 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.27 3.01 -14.64	48.81 3.74 -4.93	66.01 3.85 -21.70	62.75 3.51 -19.21	50.17 3.07 -9.75	45.01 2.98 -2.76	43.30 3.14 -1.57	58.80 3.10 -16.00	51.89 3.08 -7.61
HOLTSVILLE_IC_7 23696	65.77 3.73 0.00	63.04 3.86 0.00	64.04 3.17 0.00	58.72 3.31 0.00	50.50 3.01 0.00	46.50 2.81 0.00	45.32 3.03 -3.34	43.63 2.44 -8.35	32.57 2.27 -1.93	30.06 1.93 -0.73	34.20 2.21 -4.45	40.06 2.69 -0.76	39.67 2.57 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.27 3.01 -14.64	48.81 3.74 -4.93	66.01 3.85 -21.70	62.75 3.51 -19.21	50.17 3.07 -9.75	45.01 2.98 -2.76	43.30 3.14 -1.57	58.80 3.10 -16.00	51.89 3.08 -7.61
HOLTSVILLE_IC_8 23697	65.77 3.73 0.00	63.04 3.86 0.00	64.04 3.17 0.00	58.72 3.31 0.00	50.50 3.01 0.00	46.50 2.81 0.00	45.32 3.03 -3.34	43.63 2.44 -8.35	32.57 2.27 -1.93	30.06 1.93 -0.73	34.20 2.21 -4.45	40.06 2.69 -0.76	39.67 2.57 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.27 3.01 -14.64	48.81 3.74 -4.93	66.01 3.85 -21.70	62.75 3.51 -19.21	50.17 3.07 -9.75	45.01 2.98 -2.76	43.30 3.14 -1.57	58.80 3.10 -16.00	51.89 3.08 -7.61
HOLTSVILLE_IC_9 23698	65.77 3.73 0.00	63.04 3.86 0.00	64.04 3.17 0.00	58.72 3.31 0.00	50.50 3.01 0.00	46.50 2.81 0.00	45.32 3.03 -3.34	43.63 2.44 -8.35	32.57 2.27 -1.93	30.06 1.93 -0.73	34.20 2.21 -4.45	40.06 2.69 -0.76	39.67 2.57 -1.81	38.73 2.46 -4.96	42.37 2.34 -11.68	54.27 3.01 -14.64	48.81 3.74 -4.93	66.01 3.85 -21.70	62.75 3.51 -19.21	50.17 3.07 -9.75	45.01 2.98 -2.76	43.30 3.14 -1.57	58.80 3.10 -16.00	51.89 3.08 -7.61
HOMER_HL_115KV_TB2 355744	62.37 0.33 0.00	59.55 0.36 0.00	62.06 1.19 0.00	56.56 1.16 0.00	48.07 0.57 0.00	43.69 0.00 0.00	38.80 -0.26 -0.10	32.25 -0.58 0.00	27.93 -0.44 0.00	25.17 -0.16 2.07	27.30 -0.24 0.00	36.40 -0.21 0.00	34.85 -0.44 0.00	30.10 -0.39 0.82	28.37 -0.60 -0.62	36.02 -0.83 -0.23	39.73 -0.94 -0.53	40.30 -0.81 -0.65	38.91 -0.63 0.50	33.36 -0.88 3.11	36.89 -0.85 1.52	37.51 -1.01 0.06	40.89 -0.90 -2.10	41.75 -0.63 -1.18
HOWARD_WT_PWR 323690	59.24 -2.80 0.00	56.46 -2.72 0.00	58.34 -2.53 0.00	53.42 -1.99 0.00	45.47 -2.03 0.00	41.73 -1.96 0.00	37.08 -2.00 -0.12	30.72 -2.11 0.00	26.70 -1.67 0.00	21.41 -1.74 4.24	25.70 -1.84 0.00	34.26 -2.34 0.00	32.79 -2.51 0.00	42.12 -2.37 -13.17	36.47 -2.15 -10.27	34.40 -2.48 -0.27	38.61 -2.38 -0.86	44.07 -2.28 -5.89	53.44 -2.41 -15.82	58.33 -2.61 -23.59	56.07 -2.48 -19.29	36.49 -2.66 -0.57	39.51 -2.63 -2.45	40.08 -2.49 -1.37

HQ_GEN_CEDARS 23644	60.44 -1.60 0.00	57.80 -1.39 0.00	59.95 -0.92 0.00	54.18 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.45 0.00	37.57 -1.39 -0.01	31.43 -1.40 0.00	27.35 -1.03 0.00	26.45 -0.94 0.00	26.53 -1.01 0.00	35.93 -0.67 0.00	34.37 -0.93 0.00	30.26 -1.10 -0.05	27.64 -0.88 -0.17	35.47 -1.17 -0.02	38.72 -1.46 -0.04	38.52 -2.05 -0.11	37.60 -2.42 0.00	35.16 -2.19 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.50 -1.19 0.00	39.79 -1.42 0.00
HQ_GEN_CEDARS_PROXY 323590	60.44 -1.60 0.00	57.80 -1.39 0.00	59.95 -0.92 0.00	54.19 -1.22 0.00	45.88 -1.62 0.00	42.24 -1.45 0.00	37.57 -1.39 -0.01	31.43 -1.40 0.00	27.35 -1.03 0.00	26.45 -0.94 0.00	26.53 -1.01 0.00	35.93 -0.67 0.00	34.36 -0.93 0.00	30.25 -1.11 -0.05	27.65 -0.87 -0.17	35.47 -1.17 -0.02	38.72 -1.46 -0.04	38.52 -2.06 -0.11	37.61 -2.42 0.00	35.20 -2.15 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.50 -1.19 0.00	39.79 -1.42 0.00
HQ_GEN_IMPORT 323601	62.04 0.00 0.00	57.89 0.00 1.30	60.87 0.00 0.00	55.41 0.00 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.95 0.00 0.00	32.92 0.00 -0.09	28.60 0.00 -0.22	27.39 0.00 0.00	27.54 0.00 0.00	36.61 0.00 0.00	35.29 0.00 0.00	31.31 0.00 0.00	28.35 0.00 0.00	36.62 0.00 0.00	40.13 0.00 0.00	40.46 0.00 0.00	40.66 0.00 -0.63	37.35 0.00 0.00	39.26 0.00 0.00	38.58 0.00 0.00	39.69 0.00 0.00	41.20 0.00 0.00
HQ_GEN_WHEEL 23651	62.04 0.00 0.00	57.89 0.00 1.30	60.87 0.00 0.00	55.41 0.00 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.95 0.00 0.00	32.92 0.00 -0.09	28.60 0.00 -0.22	27.39 0.00 0.00	27.54 0.00 0.00	36.61 0.00 0.00	35.29 0.00 0.00	31.31 0.00 0.00	28.35 0.00 0.00	36.62 0.00 0.00	40.13 0.00 0.00	40.46 0.00 0.00	40.66 0.00 -0.63	37.35 0.00 0.00	39.26 0.00 0.00	38.58 0.00 0.00	39.69 0.00 0.00	41.20 0.00 0.00
HUDSON_AVE_GT_3 23810	65.37 3.34 0.00	62.54 3.36 0.00	64.37 3.49 0.00	58.67 3.26 0.00	50.39 2.89 0.00	46.38 2.69 0.00	44.93 2.63 -3.34	43.52 2.32 -8.37	32.29 1.98 -1.93	30.12 1.99 -0.74	34.07 2.08 -4.46	39.98 2.61 -0.76	39.62 2.52 -1.81	38.55 2.28 -4.97	42.13 2.09 -11.68	44.63 2.63 -5.38	48.06 3.00 -4.93	65.24 3.05 -21.73	62.27 3.00 -19.24	49.89 2.78 -9.76	44.93 2.91 -2.76	43.00 2.84 -1.58	58.57 2.87 -16.00	51.66 2.85 -7.61
HUDSON_AVE_GT_4 23540	65.37 3.34 0.00	62.54 3.36 0.00	64.37 3.49 0.00	58.67 3.26 0.00	50.39 2.89 0.00	46.38 2.69 0.00	44.93 2.63 -3.34	43.52 2.32 -8.37	32.29 1.98 -1.93	30.12 1.99 -0.74	34.07 2.08 -4.46	39.98 2.61 -0.76	39.62 2.52 -1.81	38.55 2.28 -4.97	42.13 2.09 -11.68	44.63 2.63 -5.38	48.06 3.00 -4.93	65.24 3.05 -21.73	62.27 3.00 -19.24	49.89 2.78 -9.76	44.93 2.91 -2.76	43.00 2.84 -1.58	58.57 2.87 -16.00	51.66 2.85 -7.61
HUDSON_AVE_GT_5 23657	65.37 3.34 0.00	62.54 3.36 0.00	64.37 3.49 0.00	58.67 3.26 0.00	50.39 2.89 0.00	46.38 2.69 0.00	44.93 2.63 -3.34	43.52 2.32 -8.37	32.29 1.98 -1.93	30.12 1.99 -0.74	34.07 2.08 -4.46	39.98 2.61 -0.76	39.62 2.52 -1.81	38.55 2.28 -4.97	42.13 2.09 -11.68	44.63 2.63 -5.38	48.06 3.00 -4.93	65.24 3.05 -21.73	62.27 3.00 -19.24	49.89 2.78 -9.76	44.93 2.91 -2.76	43.00 2.84 -1.58	58.57 2.87 -16.00	51.66 2.85 -7.61
HUDSON_AVE_10 24168	65.16 3.12 0.00	62.33 3.14 0.00	64.18 3.31 0.00	58.50 3.08 0.00	50.22 2.72 0.00	46.22 2.53 0.00	44.80 2.50 -3.34	43.42 2.21 -8.37	32.19 1.88 -1.93	30.04 1.91 -0.74	33.98 1.99 -4.46	39.83 2.46 -0.76	39.48 2.38 -1.81	38.43 2.16 -4.97	42.03 1.99 -11.68	44.49 2.49 -5.38	47.90 2.84 -4.93	65.07 2.88 -21.73	62.12 2.84 -19.24	49.77 2.65 -9.76	44.81 2.79 -2.76	42.87 2.71 -1.58	58.44 2.74 -16.00	51.55 2.74 -7.61
HUDSON___115KV_TB 4 355613	64.83 2.79 0.00	61.82 2.63 0.00	63.42 2.55 0.00	57.77 2.36 0.00	49.49 1.99 0.00	45.55 1.86 0.00	42.49 1.80 -1.74	37.56 1.61 -3.12	30.42 1.32 -0.72	28.93 1.27 -0.27	30.37 1.17 -1.66	38.46 1.57 -0.28	37.56 1.59 -0.67	37.12 1.54 -4.27	42.28 1.32 -12.61	40.13 1.90 -1.62	46.88 2.27 -4.48	56.32 2.29 -13.57	54.46 2.26 -12.17	44.46 2.02 -5.09	44.59 2.13 -3.20	41.24 2.06 -0.59	57.71 2.08 -15.94	51.66 2.03 -8.42
HUNTER MOUNT___DRP 323613	65.31 3.27 0.00	62.26 3.08 0.00	63.85 2.98 0.00	58.12 2.71 0.00	49.80 2.30 0.00	45.83 2.14 0.00	42.85 2.06 -1.84	38.17 1.85 -3.48	30.71 1.53 -0.80	29.14 1.44 -0.31	30.70 1.31 -1.85	38.68 1.76 -0.31	37.84 1.79 -0.75	37.30 1.73 -4.27	42.17 1.45 -12.36	40.40 2.21 -1.58	47.22 2.63 -4.45	57.17 2.65 -14.06	55.23 2.62 -12.58	45.09 2.33 -5.41	44.81 2.43 -3.12	41.63 2.38 -0.67	57.79 2.37 -15.73	51.77 2.33 -8.24
HUNTINGTON_RES_REC 323705	65.36 3.31 0.00	62.59 3.41 0.00	63.72 2.84 0.00	58.39 2.99 0.00	50.18 2.68 0.00	46.21 2.52 0.00	44.99 2.70 -3.34	43.39 2.20 -8.35	32.31 2.01 -1.93	29.86 1.73 -0.73	33.98 1.99 -4.45	39.81 2.44 -0.76	39.42 2.32 -1.81	38.52 2.24 -4.96	42.19 2.15 -11.68	54.09 2.80 -14.68	48.56 3.50 -4.93	65.78 3.62 -21.70	62.52 3.28 -19.21	49.95 2.85 -9.75	44.82 2.80 -2.76	43.07 2.91 -1.57	58.56 2.87 -16.00	51.66 2.85 -7.61
HUNTLEY___63 23557	59.87 -2.17 0.00	56.98 -2.21 0.00	59.15 -1.72 0.00	53.82 -1.59 0.00	45.76 -1.74 0.00	42.06 -1.64 0.00	37.14 -1.90 -0.09	30.78 -2.06 0.00	26.85 -1.52 0.00	24.29 -1.59 1.51	25.62 -1.92 0.00	34.00 -2.60 0.00	32.60 -2.70 0.00	25.38 -2.53 3.40	24.46 -2.58 1.32	33.56 -3.25 -0.19	36.95 -3.59 -0.40	36.72 -3.31 0.43	33.27 -3.20 3.56	26.52 -2.93 7.89	30.82 -3.11 5.32	35.27 -3.14 0.17	38.55 -2.91 -1.77	39.15 -3.05 -0.99
HUNTLEY___64 23558	59.87 -2.17 0.00	56.98 -2.21 0.00	59.15 -1.72 0.00	53.82 -1.59 0.00	45.76 -1.74 0.00	42.06 -1.64 0.00	37.14 -1.90 -0.09	30.78 -2.06 0.00	26.85 -1.52 0.00	24.29 -1.59 1.51	25.62 -1.92 0.00	34.00 -2.60 0.00	32.60 -2.70 0.00	25.38 -2.53 3.40	24.46 -2.58 1.32	33.56 -3.25 -0.19	36.95 -3.59 -0.40	36.72 -3.31 0.43	33.27 -3.20 3.56	26.52 -2.93 7.89	30.82 -3.11 5.32	35.27 -3.14 0.17	38.55 -2.91 -1.77	39.15 -3.05 -0.99
HUNTLEY___65 23559	59.87 -2.17 0.00	56.98 -2.21 0.00	59.15 -1.72 0.00	53.82 -1.59 0.00	45.76 -1.74 0.00	42.06 -1.64 0.00	37.14 -1.90 -0.09	30.78 -2.06 0.00	26.85 -1.52 0.00	24.29 -1.59 1.51	25.62 -1.92 0.00	34.00 -2.60 0.00	32.60 -2.70 0.00	25.38 -2.53 3.40	24.46 -2.58 1.32	33.56 -3.25 -0.19	36.95 -3.59 -0.40	36.72 -3.31 0.43	33.27 -3.20 3.56	26.52 -2.93 7.89	30.82 -3.11 5.32	35.27 -3.14 0.17	38.55 -2.91 -1.77	39.15 -3.05 -0.99
HUNTLEY___66 23560	59.87 -2.17 0.00	56.98 -2.21 0.00	59.15 -1.72 0.00	53.82 -1.59 0.00	45.76 -1.74 0.00	42.06 -1.64 0.00	37.14 -1.90 -0.09	30.78 -2.06 0.00	26.85 -1.52 0.00	24.29 -1.59 1.51	25.62 -1.92 0.00	34.00 -2.60 0.00	32.60 -2.70 0.00	25.38 -2.53 3.40	24.46 -2.58 1.32	33.56 -3.25 -0.19	36.95 -3.59 -0.40	36.72 -3.31 0.43	33.27 -3.20 3.56	26.52 -2.93 7.89	30.82 -3.11 5.32	35.27 -3.14 0.17	38.55 -2.91 -1.77	39.15 -3.05 -0.99



HUNTLEY___67 23561	59.50 -2.54 0.00	56.65 -2.54 0.00	58.81 -2.06 0.00	53.52 -1.89 0.00	45.51 -1.99 0.00	41.79 -1.91 0.00	36.91 -2.13 -0.09	30.57 -2.26 0.00	26.66 -1.72 0.00	24.07 -1.75 1.57	25.50 -2.04 0.00	33.91 -2.69 0.00	32.52 -2.77 0.00	24.66 -2.65 4.00	23.95 -2.67 1.73	33.47 -3.35 -0.20	36.83 -3.71 -0.40	36.35 -3.48 0.64	32.38 -3.39 4.25	25.03 -3.18 9.14	29.71 -3.32 6.22	35.10 -3.29 0.20	38.42 -3.08 -1.81	39.03 -3.19 -1.01
HUNTLEY___68 23562	59.50 -2.54 0.00	56.65 -2.54 0.00	58.81 -2.06 0.00	53.52 -1.89 0.00	45.51 -1.99 0.00	41.79 -1.91 0.00	36.91 -2.13 -0.09	30.57 -2.26 0.00	26.66 -1.72 0.00	24.07 -1.75 1.57	25.50 -2.04 0.00	33.91 -2.69 0.00	32.52 -2.77 0.00	24.66 -2.65 4.00	23.95 -2.67 1.73	33.47 -3.35 -0.20	36.83 -3.71 -0.40	36.35 -3.48 0.64	32.38 -3.39 4.25	25.03 -3.18 9.14	29.71 -3.32 6.22	35.10 -3.29 0.20	38.42 -3.08 -1.81	39.03 -3.19 -1.01
HYLAND___LFGE 323620	62.92 0.88 0.00	59.80 0.61 0.00	61.78 0.91 0.00	56.31 0.91 0.00	48.04 0.54 0.00	44.21 0.51 0.00	39.35 0.30 -0.10	32.80 -0.03 0.00	28.53 0.15 0.00	24.91 -0.06 2.42	27.24 -0.29 0.00	36.22 -0.38 0.00	34.75 -0.54 0.00	45.19 -0.66 -14.54	38.63 -0.85 -11.13	36.06 -0.78 -0.22	40.60 -0.31 -0.77	46.72 0.07 -6.19	57.50 0.15 -17.32	64.51 -0.02 -27.18	60.67 0.02 -21.39	39.04 -0.18 -0.63	41.58 -0.13 -2.02	42.17 -0.17 -1.13
INDECK___CORINTH 23802	65.96 3.92 0.00	62.98 3.79 0.00	64.49 3.62 0.00	58.76 3.35 0.00	50.54 3.04 0.00	46.63 2.94 0.00	43.43 2.89 -1.59	37.93 2.56 -2.53	31.12 2.16 -0.58	29.63 2.02 -0.22	30.99 2.11 -1.35	39.69 2.85 -0.23	38.62 2.78 -0.55	38.10 2.46 -4.34	43.83 2.28 -13.20	41.23 2.91 -1.71	48.07 3.36 -4.57	56.71 3.34 -12.91	55.00 3.34 -11.63	44.98 3.01 -4.62	45.77 3.14 -3.37	42.06 2.99 -0.48	59.41 3.21 -16.52	53.16 3.11 -8.84
INDECK___ILION 23567	62.30 0.26 0.00	59.41 0.22 0.00	61.01 0.13 0.00	55.56 0.15 0.00	47.66 0.16 0.00	43.87 0.18 0.00	39.26 0.31 0.00	33.19 0.35 0.00	28.63 0.25 0.00	27.58 0.18 0.00	27.74 0.21 0.00	36.96 0.36 0.00	35.65 0.36 0.00	31.68 0.37 0.00	28.71 0.35 0.00	37.11 0.49 0.00	40.72 0.58 0.00	41.06 0.60 0.00	40.64 0.61 0.00	37.88 0.54 0.00	39.84 0.58 0.00	39.15 0.57 0.00	40.32 0.63 0.00	41.79 0.59 0.00
INDECK___OLEAN 23982	62.38 0.33 0.00	59.55 0.36 0.00	62.06 1.19 0.00	56.57 1.16 0.00	48.07 0.58 0.00	43.69 0.00 0.00	38.80 -0.25 -0.10	32.27 -0.57 0.00	27.93 -0.44 0.00	25.15 -0.17 2.07	27.32 -0.22 0.00	36.41 -0.20 0.00	34.84 -0.45 0.00	30.12 -0.37 0.82	28.37 -0.60 -0.62	36.06 -0.79 -0.23	39.75 -0.92 -0.53	40.35 -0.77 -0.65	38.93 -0.61 0.50	33.37 -0.87 3.11	36.94 -0.80 1.52	37.52 -1.01 0.06	40.91 -0.89 -2.10	41.77 -0.62 -1.18
INDECK___OSWEGO 23783	60.56 -1.48 0.00	57.69 -1.50 0.00	59.32 -1.55 0.00	53.97 -1.44 0.00	46.28 -1.22 0.00	42.57 -1.12 0.00	37.86 -1.13 -0.05	31.85 -0.99 0.00	27.55 -0.82 0.00	26.57 -0.83 0.00	26.65 -0.88 0.00	35.48 -1.13 0.00	34.22 -1.07 0.00	30.59 -0.94 -0.22	28.24 -0.87 -0.76	35.59 -1.13 -0.10	39.09 -1.29 -0.24	39.67 -1.29 -0.49	39.25 -1.25 -0.47	36.38 -1.10 -0.14	38.26 -1.21 -0.21	37.41 -1.17 0.00	39.36 -1.30 -0.96	40.43 -1.31 -0.54
INDECK___YERKES 23781	59.89 -2.15 0.00	57.01 -2.17 0.00	59.19 -1.68 0.00	53.85 -1.55 0.00	45.79 -1.70 0.00	42.09 -1.60 0.00	37.17 -1.87 -0.09	30.82 -2.02 0.00	26.88 -1.50 0.00	24.30 -1.58 1.51	25.65 -1.88 0.00	34.04 -2.57 0.00	32.61 -2.69 0.00	25.42 -2.49 3.40	24.48 -2.55 1.32	33.63 -3.19 -0.19	37.00 -3.54 -0.40	36.78 -3.24 0.43	33.33 -3.13 3.56	26.54 -2.92 7.89	30.90 -3.04 5.32	35.30 -3.11 0.17	38.59 -2.87 -1.77	39.18 -3.02 -0.99
INDIAN POINT_GT_1 24139	64.84 2.80 0.00	61.99 2.80 0.00	63.77 2.90 0.00	58.14 2.74 0.00	49.95 2.45 0.00	45.99 2.30 0.00	44.79 2.28 -3.55	43.87 1.99 -9.04	32.14 1.67 -2.09	29.82 1.64 -0.79	34.04 1.69 -4.82	39.54 2.11 -0.82	39.29 2.05 -1.96	38.26 1.86 -5.09	41.77 1.73 -11.69	44.93 2.18 -6.14	47.69 2.53 -5.03	65.94 2.64 -22.84	62.84 2.60 -20.21	50.09 2.37 -10.38	44.46 2.46 -2.74	42.69 2.41 -1.70	58.31 2.46 -16.17	51.19 2.39 -7.59
INDIAN POINT_GT_2 23659	64.84 2.80 0.00	61.99 2.80 0.00	63.77 2.90 0.00	58.14 2.74 0.00	49.95 2.45 0.00	45.99 2.30 0.00	44.79 2.28 -3.55	43.87 1.99 -9.04	32.14 1.67 -2.09	29.82 1.64 -0.79	34.04 1.69 -4.82	39.54 2.11 -0.82	39.29 2.05 -1.96	38.26 1.86 -5.09	41.77 1.73 -11.69	44.93 2.18 -6.14	47.69 2.53 -5.03	65.94 2.64 -22.84	62.84 2.60 -20.21	50.09 2.37 -10.38	44.46 2.46 -2.74	42.69 2.41 -1.70	58.31 2.46 -16.17	51.19 2.39 -7.59
INDIAN POINT_GT_3 24019	64.84 2.80 0.00	61.99 2.80 0.00	63.77 2.90 0.00	58.14 2.74 0.00	49.95 2.45 0.00	45.99 2.30 0.00	44.79 2.28 -3.55	43.87 1.99 -9.04	32.14 1.67 -2.09	29.82 1.64 -0.79	34.04 1.69 -4.82	39.54 2.11 -0.82	39.29 2.05 -1.96	38.26 1.86 -5.09	41.77 1.73 -11.69	44.93 2.18 -6.14	47.69 2.53 -5.03	65.94 2.64 -22.84	62.84 2.60 -20.21	50.09 2.37 -10.38	44.46 2.46 -2.74	42.69 2.41 -1.70	58.31 2.46 -16.17	51.19 2.39 -7.59
INDIAN POINT___2 23530	64.81 2.77 0.00	61.97 2.78 0.00	63.77 2.89 0.00	58.14 2.73 0.00	49.95 2.45 0.00	45.99 2.30 0.00	45.02 2.27 -3.79	44.61 1.99 -9.78	32.29 1.65 -2.26	29.86 1.61 -0.86	34.41 1.66 -5.21	39.57 2.07 -0.89	39.42 2.01 -2.12	38.36 1.82 -5.23	41.73 1.69 -11.69	46.69 2.13 -7.95	47.73 2.47 -5.13	67.12 2.59 -24.07	63.86 2.54 -21.29	50.73 2.32 -11.06	44.38 2.41 -2.71	42.78 2.36 -1.84	58.44 2.42 -16.33	51.11 2.34 -7.56
INDIAN POINT___3 23531	64.80 2.76 0.00	61.95 2.76 0.00	63.74 2.86 0.00	58.12 2.71 0.00	49.93 2.43 0.00	45.97 2.28 0.00	44.76 2.26 -3.55	43.85 1.98 -9.03	32.11 1.65 -2.08	29.80 1.61 -0.79	34.01 1.66 -4.81	39.51 2.08 -0.82	39.27 2.02 -1.96	38.23 1.83 -5.09	41.75 1.70 -11.70	45.03 2.14 -6.28	47.65 2.49 -5.03	65.89 2.59 -22.84	62.79 2.55 -20.21	50.05 2.33 -10.38	44.41 2.41 -2.74	42.65 2.37 -1.70	58.28 2.42 -16.17	51.15 2.35 -7.60
INGHAM_C_115KV_TB7 356103	62.37 0.33 0.00	59.44 0.25 0.00	60.90 0.03 0.00	55.57 0.16 0.00	47.73 0.23 0.00	43.98 0.29 0.00	39.55 0.59 0.00	33.53 0.70 0.00	28.83 0.45 0.00	27.70 0.30 0.00	27.87 0.33 0.00	37.20 0.59 0.00	35.91 0.62 0.00	31.96 0.65 0.00	28.98 0.62 0.00	37.54 0.93 0.00	41.29 1.15 0.00	41.66 1.21 0.00	41.27 1.24 0.00	38.42 1.07 0.00	40.42 1.16 0.00	39.73 1.15 0.00	41.02 1.33 0.00	42.45 1.24 0.00
IP CORINTH___1 23988	65.96 3.92 0.00	62.98 3.79 0.00	64.49 3.62 0.00	58.76 3.35 0.00	50.54 3.04 0.00	46.63 2.94 0.00	43.43 2.89 -1.59	37.92 2.56 -2.53	31.11 2.15 -0.58	29.63 2.02 -0.22	30.99 2.11 -1.35	39.69 2.85 -0.23	38.62 2.78 -0.55	38.10 2.45 -4.34	43.83 2.28 -13.20	41.23 2.91 -1.71	48.07 3.36 -4.57	56.71 3.34 -12.91	55.01 3.34 -11.63	44.98 3.01 -4.62	45.77 3.14 -3.37	42.06 2.99 -0.48	59.41 3.20 -16.52	53.16 3.11 -8.84

IP__TICONDEROGA 23804	68.29 6.26 0.00	65.49 6.30 0.00	66.48 5.61 0.00	60.75 5.34 0.00	52.58 5.08 0.00	48.49 4.79 0.00	45.38 4.84 -1.59	39.60 4.22 -2.54	32.53 3.56 -0.59	30.87 3.25 -0.22	32.34 3.46 -1.35	41.48 4.65 -0.23	40.15 4.30 -0.55	39.56 3.91 -4.34	45.34 3.80 -13.19	43.05 4.73 -1.70	50.42 5.71 -4.57	58.95 5.56 -12.93	57.14 5.46 -11.65	46.90 4.92 -4.63	47.71 5.08 -3.37	43.92 4.85 -0.48	61.44 5.25 -16.51	55.09 5.05 -8.83
ISLIP_RES_REC 323679	66.01 3.96 0.00	63.24 4.05 0.00	64.25 3.37 0.00	58.91 3.50 0.00	50.66 3.16 0.00	46.67 2.98 0.00	45.48 3.19 -3.34	43.75 2.56 -8.35	32.68 2.37 -1.93	30.15 2.03 -0.73	34.29 2.30 -4.45	40.16 2.80 -0.76	39.77 2.67 -1.81	38.83 2.56 -4.96	42.48 2.44 -11.68	54.46 3.16 -14.68	48.99 3.93 -4.93	66.21 4.05 -21.70	62.95 3.71 -19.21	50.35 3.25 -9.75	45.18 3.16 -2.76	43.47 3.31 -1.57	58.97 3.28 -16.00	52.05 3.24 -7.61
JAMAICA__27_KV_LOAD 355505	65.55 3.51 0.00	62.75 3.56 0.00	64.70 3.82 0.00	58.93 3.52 0.00	50.59 3.09 0.00	46.56 2.86 0.00	45.11 2.81 -3.34	43.69 2.48 -8.37	32.42 2.11 -1.93	30.29 2.17 -0.74	34.24 2.24 -4.46	40.06 2.69 -0.76	39.69 2.59 -1.81	38.64 2.37 -4.97	42.24 2.20 -11.68	44.75 2.76 -5.38	48.16 3.09 -4.93	65.36 3.18 -21.73	62.43 3.16 -19.24	50.07 2.96 -9.76	45.20 3.17 -2.76	43.23 3.07 -1.58	58.79 3.10 -16.00	51.99 3.17 -7.61
JANIS__SOLAR 323808	64.50 2.46 0.00	61.36 2.17 0.00	63.05 2.18 0.00	57.51 2.11 0.00	49.36 1.87 0.00	45.45 1.76 0.00	40.59 1.79 0.15	33.37 1.49 0.96	29.44 1.28 0.22	32.20 1.09 -3.72	28.06 1.03 0.51	37.96 1.44 0.09	36.29 1.21 0.21	33.95 1.10 -1.54	32.98 1.02 -3.60	38.46 1.49 -0.36	42.73 1.91 -0.69	42.93 2.08 -0.40	43.44 2.16 -1.25	42.20 1.91 -2.94	43.36 1.95 -2.15	40.19 1.74 0.14	44.30 1.75 -2.86	44.74 1.79 -1.76
JARVIS____ 23743	62.10 0.06 0.00	59.24 0.05 0.00	60.92 0.05 0.00	55.42 0.01 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.96 0.00 0.00	32.87 0.03 0.00	28.41 0.03 0.00	27.42 0.03 0.00	27.59 0.05 0.00	36.68 0.07 0.00	35.37 0.08 0.00	31.37 0.06 0.00	28.41 0.06 0.00	36.69 0.07 0.00	40.21 0.08 0.00	40.50 0.04 0.00	40.04 0.01 0.00	37.37 0.02 0.00	39.30 0.04 0.00	38.62 0.04 0.00	39.73 0.04 0.00	41.25 0.05 0.00
JENNISON__1 23625	64.00 1.96 0.00	60.76 1.57 0.00	62.26 1.39 0.00	57.08 1.67 0.00	49.15 1.66 0.00	45.41 1.71 0.00	40.70 1.94 0.19	33.21 1.60 1.23	29.46 1.37 0.28	29.56 1.19 -0.98	27.94 1.06 0.66	38.14 1.64 0.11	36.33 1.30 0.27	33.82 1.21 -1.30	33.24 1.11 -3.78	38.63 1.55 -0.46	42.96 1.94 -0.88	42.73 2.00 -0.27	43.02 2.17 -0.82	40.17 1.87 -0.95	42.83 1.83 -1.74	39.98 1.60 0.21	45.17 1.79 -3.69	45.37 1.90 -2.27
JENNISON__2 23626	64.00 1.96 0.00	60.76 1.57 0.00	62.26 1.39 0.00	57.08 1.67 0.00	49.15 1.66 0.00	45.41 1.71 0.00	40.70 1.94 0.19	33.21 1.60 1.23	29.46 1.37 0.28	29.56 1.19 -0.98	27.94 1.06 0.66	38.14 1.64 0.11	36.33 1.30 0.27	33.82 1.21 -1.30	33.24 1.11 -3.78	38.63 1.55 -0.46	42.96 1.94 -0.88	42.73 2.00 -0.27	43.02 2.17 -0.82	40.17 1.87 -0.95	42.83 1.83 -1.74	39.98 1.60 0.21	45.17 1.79 -3.69	45.37 1.90 -2.27
JERICHO_RISE_WT_PWR 323719	59.15 -2.89 0.00	56.67 -2.52 0.00	58.86 -2.01 0.00	53.33 -2.08 0.00	45.19 -2.31 0.00	41.65 -2.05 0.00	37.09 -1.86 0.00	31.04 -1.79 0.00	26.99 -1.39 0.00	26.11 -1.29 0.00	26.08 -1.46 0.00	35.46 -1.14 0.00	33.96 -1.33 0.00	29.98 -1.33 0.00	27.29 -1.06 0.00	35.15 -1.47 0.00	38.16 -1.97 0.00	37.86 -2.60 0.00	37.09 -2.94 0.00	34.77 -2.58 0.00	36.74 -2.52 0.00	36.33 -2.26 0.00	38.07 -1.63 0.00	39.24 -1.96 0.00
KATONAH__115KV_46KV_TB4 355592	65.29 3.25 0.00	62.39 3.20 0.00	64.14 3.26 0.00	58.48 3.06 0.00	50.22 2.72 0.00	46.26 2.56 0.00	44.56 2.53 -3.08	42.59 2.22 -7.53	32.01 1.90 -1.74	29.93 1.87 -0.66	33.47 1.92 -4.01	39.72 2.43 -0.68	39.27 2.34 -1.63	38.26 2.14 -4.81	42.01 1.99 -11.66	42.83 2.53 -3.68	47.88 2.93 -4.81	63.87 3.04 -20.37	61.06 2.99 -18.05	49.10 2.73 -9.02	44.90 2.85 -2.79	42.77 2.76 -1.43	58.29 2.80 -15.80	51.57 2.74 -7.63
KCE_NY_1 323755	65.18 3.14 0.00	62.22 3.03 0.00	63.82 2.95 0.00	58.13 2.72 0.00	49.93 2.43 0.00	46.02 2.33 0.00	42.82 2.27 -1.60	37.40 2.00 -2.56	30.65 1.68 -0.59	29.21 1.60 -0.23	30.57 1.67 -1.37	39.11 2.28 -0.23	38.09 2.24 -0.55	37.67 2.02 -4.34	43.39 1.86 -13.17	40.74 2.42 -1.70	47.49 2.79 -4.57	56.18 2.76 -12.96	54.41 2.71 -11.67	44.48 2.48 -4.65	45.23 2.60 -3.37	41.58 2.51 -0.49	58.81 2.63 -16.49	52.61 2.58 -8.82
KCE_NY_6_ESR 323823	60.41 -1.63 0.00	57.55 -1.64 0.00	59.63 -1.24 0.00	54.37 -1.04 0.00	46.16 -1.34 0.00	42.43 -1.26 0.00	37.44 -1.60 -0.09	31.09 -1.74 0.00	27.07 -1.31 0.00	24.36 -1.36 1.68	25.92 -1.61 0.00	34.46 -2.15 0.00	33.06 -2.23 0.00	25.00 -2.13 4.18	24.37 -2.19 1.80	34.15 -2.68 -0.21	37.58 -2.97 -0.42	37.10 -2.69 0.67	32.97 -2.62 4.44	25.32 -2.50 9.53	30.22 -2.54 6.50	35.74 -2.64 0.21	39.12 -2.46 -1.88	39.75 -2.51 -1.05
KEDC_PORT_JEFF_GT2 24210	65.70 3.66 0.00	62.97 3.79 0.00	63.98 3.11 0.00	58.66 3.25 0.00	50.45 2.95 0.00	46.46 2.77 0.00	45.27 2.98 -3.34	43.58 2.40 -8.35	32.54 2.23 -1.93	30.03 1.91 -0.73	34.17 2.19 -4.45	40.03 2.67 -0.76	39.64 2.53 -1.81	38.71 2.44 -4.96	42.35 2.31 -11.68	54.22 2.99 -14.62	48.77 3.71 -4.93	65.97 3.82 -21.70	62.72 3.48 -19.21	50.13 3.04 -9.75	44.99 2.96 -2.76	43.27 3.11 -1.57	58.76 3.07 -16.00	51.85 3.04 -7.61
KEDC_PORT_JEFF_GT3 24211	65.70 3.66 0.00	62.97 3.79 0.00	63.98 3.11 0.00	58.66 3.25 0.00	50.45 2.95 0.00	46.46 2.77 0.00	45.27 2.98 -3.34	43.58 2.40 -8.35	32.54 2.23 -1.93	30.03 1.91 -0.73	34.17 2.19 -4.45	40.03 2.67 -0.76	39.64 2.53 -1.81	38.71 2.44 -4.96	42.35 2.31 -11.68	54.22 2.99 -14.62	48.77 3.71 -4.93	65.97 3.82 -21.70	62.72 3.48 -19.21	50.13 3.04 -9.75	44.99 2.96 -2.76	43.27 3.11 -1.57	58.76 3.07 -16.00	51.85 3.04 -7.61
KEDC_GLWD_GT4 24219	65.44 3.40 0.00	62.61 3.42 0.00	64.20 3.33 0.00	58.64 3.23 0.00	50.36 2.87 0.00	46.38 2.69 0.00	44.98 2.69 -3.34	43.49 2.31 -8.35	32.30 2.00 -1.93	30.04 1.91 -0.73	34.02 2.04 -4.45	39.94 2.57 -0.76	39.58 2.48 -1.81	38.57 2.30 -4.96	42.18 2.14 -11.68	60.68 2.72 -21.35	48.23 3.17 -4.93	65.42 3.26 -21.70	62.35 3.10 -19.21	49.90 2.80 -9.75	44.90 2.88 -2.76	43.03 2.87 -1.57	58.61 2.91 -16.00	51.68 2.87 -7.61
KEDC_GLWD_GT5 24220	65.44 3.40 0.00	62.61 3.42 0.00	64.20 3.33 0.00	58.64 3.23 0.00	50.36 2.87 0.00	46.38 2.69 0.00	44.98 2.69 -3.34	43.49 2.31 -8.35	32.30 2.00 -1.93	30.04 1.91 -0.73	34.02 2.04 -4.45	39.94 2.57 -0.76	39.58 2.48 -1.81	38.57 2.30 -4.96	42.18 2.14 -11.68	60.68 2.72 -21.35	48.23 3.17 -4.93	65.42 3.26 -21.70	62.35 3.10 -19.21	49.90 2.80 -9.75	44.90 2.88 -2.76	43.03 2.87 -1.57	58.61 2.91 -16.00	51.68 2.87 -7.61

KENSICO____ 23655	64.99 2.95 0.00	62.14 2.95 0.00	63.90 3.03 0.00	58.27 2.86 0.00	50.04 2.54 0.00	46.08 2.38 0.00	44.71 2.36 -3.40	43.45 2.08 -8.54	32.10 1.75 -1.97	29.87 1.72 -0.75	33.87 1.79 -4.55	39.63 2.25 -0.77	39.32 2.17 -1.85	38.29 1.98 -5.00	41.87 1.84 -11.69	44.62 2.32 -5.68	47.77 2.68 -4.95	65.23 2.76 -22.01	62.23 2.72 -19.48	49.75 2.48 -9.92	44.60 2.58 -2.76	42.72 2.52 -1.61	58.33 2.58 -16.05	51.33 2.52 -7.61
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	65.58 3.55 0.00	62.64 3.45 0.00	64.44 3.56 0.00	58.73 3.32 0.00	50.48 2.98 0.00	46.49 2.80 0.00	43.42 2.73 -1.74	38.76 2.37 -3.55	31.18 1.99 -0.82	29.54 1.83 -0.31	31.27 1.85 -1.89	39.13 2.21 -0.32	38.20 2.13 -0.77	36.97 1.97 -3.69	40.69 1.97 -10.37	39.55 2.55 -0.38	47.03 3.04 -3.85	56.84 3.26 -13.12	54.88 3.20 -11.65	45.53 2.92 -5.27	44.87 3.02 -2.60	42.22 2.92 -0.71	55.99 2.95 -13.34	51.00 2.91 -6.89
KIAC_JFK_GT1 23816	65.17 3.14 0.00	62.39 3.21 0.00	64.32 3.45 0.00	58.60 3.19 0.00	50.31 2.81 0.00	46.30 2.61 0.00	44.97 2.68 -3.34	43.58 2.37 -8.37	32.32 2.01 -1.93	30.20 2.07 -0.74	34.15 2.16 -4.46	39.94 2.57 -0.76	39.58 2.47 -1.81	38.55 2.28 -4.97	42.14 2.11 -11.68	44.63 2.63 -5.38	48.02 2.95 -4.93	65.20 3.02 -21.73	62.27 3.00 -19.24	49.92 2.81 -9.76	45.04 3.02 -2.76	43.08 2.92 -1.58	58.64 2.94 -16.00	51.83 3.02 -7.61
KIAC_JFK_GT2 23817	65.17 3.14 0.00	62.39 3.21 0.00	64.32 3.45 0.00	58.60 3.19 0.00	50.31 2.81 0.00	46.30 2.61 0.00	44.97 2.68 -3.34	43.58 2.37 -8.37	32.32 2.01 -1.93	30.20 2.07 -0.74	34.15 2.16 -4.46	39.94 2.57 -0.76	39.58 2.47 -1.81	38.55 2.28 -4.97	42.14 2.11 -11.68	44.63 2.63 -5.38	48.02 2.95 -4.93	65.20 3.02 -21.73	62.27 3.00 -19.24	49.92 2.81 -9.76	45.04 3.02 -2.76	43.08 2.92 -1.58	58.64 2.94 -16.00	51.83 3.02 -7.61
KIAC_JFK____ 323774	65.17 3.13 0.00	62.39 3.20 0.00	64.32 3.45 0.00	58.60 3.18 0.00	50.30 2.81 0.00	46.30 2.61 0.00	44.97 2.68 -3.34	43.58 2.37 -8.37	32.32 2.01 -1.93	30.20 2.07 -0.74	34.16 2.16 -4.46	39.94 2.57 -0.76	39.58 2.47 -1.81	38.55 2.27 -4.97	42.15 2.11 -11.68	44.63 2.63 -5.38	48.02 2.95 -4.93	65.20 3.02 -21.73	62.27 3.00 -19.24	49.92 2.81 -9.76	45.04 3.02 -2.76	43.09 2.92 -1.58	58.64 2.95 -16.00	51.83 3.02 -7.61
KINTIGH____ 23543	59.14 -2.90 0.00	56.32 -2.87 0.00	58.45 -2.43 0.00	53.17 -2.24 0.00	45.27 -2.23 0.00	41.57 -2.12 0.00	36.80 -2.23 -0.08	30.58 -2.25 0.00	26.62 -1.75 0.00	24.44 -1.78 1.18	25.53 -2.00 0.00	33.98 -2.62 0.00	32.61 -2.69 0.00	26.85 -2.57 1.89	25.36 -2.59 0.41	33.55 -3.24 -0.17	36.93 -3.58 -0.37	37.07 -3.41 -0.02	34.80 -3.37 1.85	29.44 -3.18 4.72	32.90 -3.32 3.04	35.27 -3.21 0.10	38.19 -3.06 -1.56	38.91 -3.16 -0.88
KNTFSRNC_46_KV_46KV_LOAD 80397	60.29 -1.74 0.00	57.81 -1.38 0.00	60.03 -0.84 0.00	54.46 -0.95 0.00	46.16 -1.33 0.00	42.49 -1.20 0.00	37.94 -1.01 0.00	31.80 -1.04 0.00	27.63 -0.75 0.00	26.74 -0.66 0.00	26.70 -0.84 0.00	36.31 -0.30 0.00	34.78 -0.52 0.00	30.68 -0.63 0.00	27.95 -0.40 0.00	36.00 -0.61 0.00	39.10 -1.04 0.00	38.85 -1.61 0.00	38.07 -1.96 0.00	35.61 -1.74 0.00	37.68 -1.58 0.00	37.20 -1.39 0.00	38.95 -0.74 0.00	40.11 -1.09 0.00
LACHUTE____HYDRO 323717	68.29 6.26 0.00	65.48 6.30 0.00	66.48 5.61 0.00	60.75 5.34 0.00	52.58 5.08 0.00	48.49 4.80 0.00	45.38 4.84 -1.59	39.60 4.22 -2.54	32.53 3.56 -0.59	30.87 3.25 -0.22	32.34 3.46 -1.35	41.48 4.65 -0.23	40.15 4.30 -0.55	39.56 3.91 -4.34	45.34 3.80 -13.19	43.05 4.73 -1.70	50.42 5.71 -4.57	58.95 5.56 -12.93	57.14 5.46 -11.65	46.90 4.92 -4.63	47.72 5.09 -3.37	43.91 4.85 -0.48	61.45 5.25 -16.51	55.09 5.05 -8.83
LAWRNCV_115KV_TB1 80681	60.60 -1.44 0.00	57.86 -1.33 0.00	59.98 -0.89 0.00	54.18 -1.22 0.00	45.93 -1.57 0.00	42.29 -1.40 0.00	37.62 -1.34 -0.01	31.51 -1.32 0.00	27.40 -0.97 0.00	26.53 -0.86 0.00	26.61 -0.93 0.00	36.06 -0.55 0.00	34.51 -0.78 0.00	30.41 -0.96 -0.06	27.77 -0.79 -0.20	35.61 -1.03 -0.03	38.90 -1.30 -0.07	38.71 -1.88 -0.13	37.81 -2.26 -0.04	35.27 -2.08 0.00	37.27 -1.99 0.00	36.89 -1.70 0.00	38.46 -1.24 0.00	39.74 -1.46 0.00
LEDERLE____ 23769	65.08 3.04 0.00	62.22 3.03 0.00	64.06 3.18 0.00	58.41 3.00 0.00	50.18 2.68 0.00	46.21 2.52 0.00	45.68 2.47 -4.25	46.21 2.15 -11.22	32.75 1.78 -2.59	30.10 1.72 -0.99	35.28 1.76 -5.98	39.84 2.22 -1.02	39.87 2.14 -2.43	38.76 1.93 -5.52	41.92 1.80 -11.77	33.05 2.25 5.82	48.13 2.63 -5.37	69.85 2.77 -26.61	66.25 2.75 -23.48	52.29 2.50 -12.44	44.52 2.57 -2.68	43.22 2.52 -2.12	59.05 2.59 -16.76	51.28 2.51 -7.57
LIGHTHSE_115KV_TB6 355974	60.92 -1.12 0.00	57.89 -1.30 0.00	59.40 -1.47 0.00	53.93 -1.48 0.00	46.22 -1.28 0.00	42.73 -0.97 0.00	37.89 -1.11 -0.04	31.89 -0.94 0.00	27.60 -0.78 0.00	26.65 -0.75 0.00	26.76 -0.78 0.00	35.83 -0.78 0.00	34.55 -0.74 0.00	30.89 -0.63 -0.20	28.45 -0.60 -0.70	35.85 -0.86 -0.09	39.30 -1.06 -0.22	39.75 -1.17 -0.46	39.40 -1.10 -0.47	36.58 -0.91 -0.14	38.44 -1.03 -0.21	37.64 -0.94 0.00	39.47 -1.20 -0.98	40.45 -1.30 -0.55
LINDEN COGEN____ 23786	65.01 2.97 0.00	62.16 2.98 0.00	63.99 3.12 0.00	58.33 2.92 0.00	50.10 2.60 0.00	46.12 2.43 0.00	44.72 2.43 -3.34	43.35 2.15 -8.37	32.13 1.82 -1.93	29.96 1.83 -0.74	33.87 1.88 -4.46	39.71 2.35 -0.76	39.38 2.27 -1.81	38.33 2.05 -4.97	41.92 1.89 -11.68	44.33 2.33 -5.38	47.77 2.71 -4.93	64.95 2.76 -21.73	62.01 2.74 -19.24	49.65 2.54 -9.76	44.68 2.65 -2.76	42.75 2.59 -1.58	58.32 2.63 -16.00	51.40 2.59 -7.61
LINDHRST_69_KV_BK1 356055	66.03 3.99 0.00	63.21 4.02 0.00	64.45 3.57 0.00	59.01 3.60 0.00	50.72 3.23 0.00	46.68 2.99 0.00	45.36 3.07 -3.34	43.73 2.54 -8.35	32.58 2.28 -1.93	30.17 2.04 -0.73	34.25 2.27 -4.45	40.18 2.81 -0.76	39.80 2.70 -1.81	38.85 2.58 -4.96	42.46 2.42 -11.68	55.45 3.14 -15.70	48.86 3.79 -4.93	66.11 3.96 -21.70	62.86 3.62 -19.21	50.32 3.22 -9.75	45.25 3.23 -2.76	43.48 3.32 -1.57	59.03 3.33 -16.00	52.14 3.32 -7.61
LIPA_MISC_IPP 23656	65.31 3.27 0.00	62.71 3.53 0.00	63.54 2.67 0.00	58.30 2.89 0.00	50.18 2.68 0.00	46.21 2.52 0.00	45.14 2.85 -3.34	43.40 2.22 -8.35	32.46 2.15 -1.93	29.88 1.75 -0.73	34.07 2.09 -4.45	39.86 2.50 -0.76	39.48 2.38 -1.81	38.56 2.29 -4.96	42.21 2.17 -11.68	54.01 2.81 -14.58	48.53 3.47 -4.93	65.68 3.52 -21.70	62.47 3.22 -19.21	49.91 2.81 -9.75	44.65 2.63 -2.76	43.02 2.86 -1.57	58.52 2.82 -16.00	51.60 2.79 -7.61
LISF____SOLAR 323691	65.42 3.38 0.00	62.81 3.62 0.00	63.62 2.75 0.00	58.38 2.97 0.00	50.23 2.73 0.00	46.28 2.59 0.00	45.21 2.92 -3.34	43.45 2.27 -8.35	32.50 2.20 -1.93	29.90 1.78 -0.73	34.08 2.09 -4.45	39.87 2.51 -0.76	39.49 2.39 -1.81	38.58 2.31 -4.96	42.24 2.21 -11.68	54.08 2.87 -14.60	48.61 3.55 -4.93	65.76 3.60 -21.70	62.54 3.30 -19.21	49.98 2.88 -9.75	44.72 2.70 -2.76	43.09 2.93 -1.57	58.59 2.89 -16.00	51.67 2.86 -7.61

LITTLE FALLS___HYD 24013	62.37 0.33 0.00	59.44 0.25 0.00	60.90 0.03 0.00	55.57 0.16 0.00	47.73 0.23 0.00	43.98 0.29 0.00	39.55 0.59 0.00	33.53 0.70 0.00	28.83 0.45 0.00	27.70 0.30 0.00	27.87 0.33 0.00	37.20 0.59 0.00	35.91 0.62 0.00	31.96 0.65 0.00	28.98 0.62 0.00	37.54 0.93 0.00	41.29 1.15 0.00	41.66 1.21 0.00	41.27 1.24 0.00	38.42 1.07 0.00	40.42 1.16 0.00	39.73 1.15 0.00	41.02 1.33 0.00	42.45 1.24 0.00
LITTLRIV_115KV_TB1 356100	61.34 -0.70 0.00	58.57 -0.62 0.00	60.76 -0.12 0.00	54.85 -0.56 0.00	46.50 -1.00 0.00	42.83 -0.86 0.00	38.10 -0.86 -0.01	31.92 -0.91 0.00	27.77 -0.61 0.00	26.87 -0.52 0.00	26.95 -0.59 0.00	36.47 -0.14 0.00	34.93 -0.37 0.00	30.73 -0.64 -0.06	28.05 -0.51 -0.21	36.05 -0.60 -0.03	39.46 -0.74 -0.07	39.31 -1.29 -0.14	38.37 -1.69 -0.04	35.79 -1.56 0.00	37.81 -1.45 0.00	37.40 -1.19 0.00	38.97 -0.72 0.00	40.25 -0.95 0.00
LI_NEWBRDGE___DRP 323616	65.04 3.00 0.00	62.25 3.06 0.00	63.62 2.74 0.00	58.21 2.80 0.00	50.02 2.52 0.00	46.05 2.36 0.00	44.74 2.45 -3.34	43.24 2.05 -8.35	32.12 1.81 -1.93	29.79 1.66 -0.73	33.84 1.86 -4.45	39.66 2.30 -0.76	39.30 2.20 -1.81	38.37 2.09 -4.96	42.00 1.97 -11.68	53.05 2.50 -13.94	48.11 3.05 -4.93	65.30 3.14 -21.70	62.11 2.87 -19.21	49.64 2.54 -9.75	44.60 2.58 -2.76	42.82 2.66 -1.57	58.34 2.65 -16.00	51.45 2.64 -7.61
LOCKPORT_115KV_TB60_63_64 80432	59.27 -2.77 0.00	56.41 -2.78 0.00	58.56 -2.31 0.00	53.28 -2.13 0.00	45.30 -2.20 0.00	41.65 -2.04 0.00	36.75 -2.28 -0.08	30.45 -2.38 0.00	26.60 -1.78 0.00	24.15 -1.83 1.41	25.32 -2.21 0.00	33.68 -2.93 0.00	32.28 -3.01 0.00	25.67 -2.75 2.89	24.58 -2.80 0.98	33.24 -3.57 -0.19	36.61 -3.91 -0.39	36.59 -3.58 0.28	33.60 -3.43 2.99	27.39 -3.15 6.80	31.39 -3.31 4.56	35.01 -3.43 0.15	38.18 -3.21 -1.70	38.78 -3.38 -0.95
LOCKPORT___CC1 323769	59.23 -2.81 0.00	56.37 -2.81 0.00	58.54 -2.33 0.00	53.26 -2.15 0.00	45.28 -2.22 0.00	41.63 -2.06 0.00	36.75 -2.29 -0.08	30.45 -2.39 0.00	26.58 -1.80 0.00	24.09 -1.87 1.43	25.34 -2.20 0.00	33.68 -2.93 0.00	32.26 -3.03 0.00	25.40 -2.78 3.13	24.38 -2.83 1.15	33.25 -3.56 -0.19	36.60 -3.92 -0.39	36.50 -3.60 0.37	33.30 -3.46 3.27	26.84 -3.21 7.30	31.03 -3.31 4.92	34.96 -3.46 0.16	38.18 -3.23 -1.72	38.78 -3.38 -0.96
LOCKPORT___CC2 323770	59.23 -2.81 0.00	56.37 -2.81 0.00	58.54 -2.33 0.00	53.26 -2.15 0.00	45.28 -2.22 0.00	41.63 -2.06 0.00	36.75 -2.29 -0.08	30.45 -2.39 0.00	26.58 -1.80 0.00	24.09 -1.87 1.43	25.34 -2.20 0.00	33.68 -2.93 0.00	32.26 -3.03 0.00	25.40 -2.78 3.13	24.38 -2.83 1.15	33.25 -3.56 -0.19	36.60 -3.92 -0.39	36.50 -3.60 0.37	33.30 -3.46 3.27	26.84 -3.21 7.30	31.03 -3.31 4.92	34.96 -3.46 0.16	38.18 -3.23 -1.72	38.78 -3.38 -0.96
LOCKPORT___CC3 323771	59.23 -2.81 0.00	56.37 -2.81 0.00	58.54 -2.33 0.00	53.26 -2.15 0.00	45.28 -2.22 0.00	41.63 -2.06 0.00	36.75 -2.29 -0.08	30.45 -2.39 0.00	26.58 -1.80 0.00	24.09 -1.87 1.43	25.34 -2.20 0.00	33.68 -2.93 0.00	32.26 -3.03 0.00	25.40 -2.78 3.13	24.38 -2.83 1.15	33.25 -3.56 -0.19	36.60 -3.92 -0.39	36.50 -3.60 0.37	33.30 -3.46 3.27	26.84 -3.21 7.30	31.03 -3.31 4.92	34.96 -3.46 0.16	38.18 -3.23 -1.72	38.78 -3.38 -0.96
LONG_LAKE_PHOENIX 24014	60.73 -1.32 0.00	57.89 -1.30 0.00	59.53 -1.34 0.00	54.19 -1.22 0.00	46.44 -1.05 0.00	42.71 -0.98 0.00	38.02 -0.98 -0.05	31.97 -0.87 0.00	27.66 -0.72 0.00	26.65 -0.74 0.00	26.73 -0.80 0.00	35.55 -1.06 0.00	34.29 -1.00 0.00	30.66 -0.88 -0.23	28.30 -0.83 -0.78	35.69 -1.03 -0.10	39.25 -1.13 -0.25	39.87 -1.10 -0.51	39.44 -1.07 -0.48	36.53 -0.95 -0.14	38.41 -1.06 -0.21	37.54 -1.05 0.00	39.53 -1.14 -0.97	40.59 -1.16 -0.54
LOVETT___3 23632	64.77 2.73 0.00	61.93 2.74 0.00	63.75 2.88 0.00	58.13 2.72 0.00	49.94 2.44 0.00	45.99 2.30 0.00	45.33 2.27 -4.11	45.59 1.98 -10.78	32.49 1.63 -2.49	29.92 1.58 -0.95	34.90 1.62 -5.74	39.62 2.03 -0.98	39.58 1.96 -2.33	38.51 1.78 -5.43	41.75 1.66 -11.74	32.60 2.07 6.08	47.84 2.41 -5.29	68.81 2.54 -25.81	65.33 2.51 -22.79	51.64 2.29 -12.00	44.31 2.36 -2.69	42.93 2.32 -2.03	58.69 2.38 -16.62	51.07 2.31 -7.57
LOVETT___4 23642	64.77 2.73 0.00	61.93 2.74 0.00	63.75 2.88 0.00	58.13 2.72 0.00	49.94 2.44 0.00	45.99 2.30 0.00	45.33 2.27 -4.11	45.59 1.98 -10.78	32.49 1.63 -2.49	29.92 1.58 -0.95	34.90 1.62 -5.74	39.62 2.03 -0.98	39.58 1.96 -2.33	38.51 1.78 -5.43	41.75 1.66 -11.74	32.60 2.07 6.08	47.84 2.41 -5.29	68.81 2.54 -25.81	65.33 2.51 -22.79	51.64 2.29 -12.00	44.31 2.36 -2.69	42.93 2.32 -2.03	58.69 2.38 -16.62	51.07 2.31 -7.57
LOVETT___5 23593	64.77 2.73 0.00	61.93 2.74 0.00	63.75 2.88 0.00	58.13 2.72 0.00	49.94 2.44 0.00	45.99 2.30 0.00	45.33 2.27 -4.11	45.59 1.98 -10.78	32.49 1.63 -2.49	29.92 1.58 -0.95	34.90 1.62 -5.74	39.62 2.03 -0.98	39.58 1.96 -2.33	38.51 1.78 -5.43	41.75 1.66 -11.74	32.60 2.07 6.08	47.84 2.41 -5.29	68.81 2.54 -25.81	65.33 2.51 -22.79	51.64 2.29 -12.00	44.31 2.36 -2.69	42.93 2.32 -2.03	58.69 2.38 -16.62	51.07 2.31 -7.57
LOWER RAQUET___HYD 24057	60.67 -1.37 0.00	57.89 -1.30 0.00	60.00 -0.87 0.00	54.19 -1.22 0.00	45.94 -1.56 0.00	42.32 -1.37 0.00	37.63 -1.33 -0.01	31.52 -1.31 0.00	27.43 -0.96 0.00	26.55 -0.84 0.00	26.63 -0.91 0.00	36.10 -0.51 0.00	34.58 -0.72 0.00	30.46 -0.91 -0.06	27.82 -0.75 -0.22	35.67 -0.98 -0.03	38.96 -1.24 -0.07	38.78 -1.83 -0.14	37.86 -2.20 -0.04	35.35 -2.00 0.00	37.30 -1.96 0.00	36.90 -1.69 0.00	38.43 -1.26 0.00	39.73 -1.48 0.00
LOWER___HUDSON 24059	64.19 2.15 0.00	61.31 2.12 0.00	62.82 1.94 0.00	57.23 1.81 0.00	49.12 1.62 0.00	45.30 1.60 0.00	42.20 1.60 -1.65	37.04 1.43 -2.78	30.23 1.21 -0.64	28.87 1.23 -0.24	30.31 1.30 -1.48	38.57 1.71 -0.25	37.59 1.69 -0.60	37.17 1.54 -4.33	42.74 1.39 -13.00	40.08 1.79 -1.68	46.66 1.98 -4.55	55.60 1.93 -13.21	53.86 1.95 -11.88	43.96 1.78 -4.82	44.49 1.92 -3.31	40.99 1.88 -0.53	58.00 1.97 -16.33	51.79 1.89 -8.70
LOWVILLE_115KV_TB2 356335	61.41 -0.63 0.00	57.95 -1.24 0.00	59.51 -1.37 0.00	53.66 -1.75 0.00	45.93 -1.57 0.00	42.50 -1.19 0.00	37.73 -1.24 -0.02	31.83 -1.00 0.00	27.58 -0.80 0.00	26.75 -0.65 0.00	26.94 -0.60 0.00	36.60 0.00 0.00	35.35 0.06 0.00	31.40 -0.02 -0.11	28.48 -0.23 -0.36	36.28 -0.38 -0.05	39.70 -0.55 -0.11	39.70 -0.99 -0.24	38.88 -1.30 -0.16	36.01 -1.38 -0.04	37.83 -1.49 -0.06	37.22 -1.37 0.00	38.12 -1.83 -0.27	39.48 -1.87 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	65.16 3.12 0.00	62.23 3.05 0.00	63.81 2.94 0.00	58.12 2.72 0.00	49.92 2.41 0.00	46.02 2.33 0.00	42.82 2.27 -1.60	37.40 2.00 -2.56	30.65 1.68 -0.59	29.21 1.59 -0.23	30.56 1.66 -1.37	39.11 2.27 -0.23	38.08 2.24 -0.55	37.66 2.01 -4.34	43.37 1.85 -13.17	40.72 2.39 -1.70	47.43 2.73 -4.57	56.12 2.71 -12.96	54.38 2.68 -11.67	44.44 2.44 -4.65	45.19 2.57 -3.37	41.56 2.48 -0.49	58.77 2.59 -16.49	52.57 2.55 -8.82

LUTHERNY_35_KV_BK2 355980	65.18 3.14 0.00	62.22 3.03 0.00	63.82 2.95 0.00	58.13 2.72 0.00	49.93 2.43 0.00	46.02 2.33 0.00	42.82 2.27 -1.60	37.40 2.00 -2.56	30.65 1.68 -0.59	29.21 1.59 -0.23	30.57 1.67 -1.37	39.11 2.27 -0.23	38.09 2.24 -0.55	37.67 2.02 -4.34	43.39 1.86 -13.17	40.74 2.42 -1.70	47.49 2.79 -4.57	56.18 2.76 -12.96	54.41 2.71 -11.67	44.48 2.48 -4.65	45.23 2.60 -3.37	41.58 2.51 -0.49	58.81 2.63 -16.49	52.60 2.58 -8.82
LWR___OSWEGATCHIE_HYD 23850	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.45 0.00	34.76 -0.53 0.00	30.78 -0.62 -0.09	28.04 -0.62 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.39 -1.99 -0.03	37.25 -2.06 -0.04	36.70 -1.89 0.00	37.98 -1.90 -0.20	39.30 -2.02 -0.11
LYONS_FALL_HYD 23570	62.06 0.02 0.00	58.81 -0.37 0.00	60.44 -0.44 0.00	54.69 -0.72 0.00	46.85 -0.65 0.00	43.26 -0.43 0.00	38.49 -0.48 -0.02	32.48 -0.36 0.00	28.11 -0.27 0.00	27.17 -0.22 0.00	27.36 -0.18 0.00	36.87 0.26 0.00	35.59 0.30 0.00	31.65 0.25 -0.10	28.79 0.09 -0.34	36.74 0.08 -0.05	40.27 0.03 -0.11	40.43 -0.25 -0.22	39.72 -0.47 -0.16	36.85 -0.54 -0.04	38.74 -0.58 -0.07	38.04 -0.55 0.00	39.14 -0.85 -0.29	40.47 -0.90 -0.17
MADISON___COUNTY_LFGE 323628	63.13 1.10 0.00	60.21 1.03 0.00	61.99 1.11 0.00	56.36 0.95 0.00	48.34 0.84 0.00	44.53 0.84 0.00	39.72 0.74 -0.03	33.48 0.65 0.00	28.94 0.56 0.00	27.80 0.41 0.00	27.95 0.41 0.00	37.27 0.66 0.00	35.94 0.65 0.00	32.08 0.60 -0.17	29.52 0.60 -0.57	37.53 0.84 -0.07	41.25 0.94 -0.18	41.65 0.82 -0.37	41.12 0.76 -0.33	38.10 0.66 -0.09	40.08 0.68 -0.14	39.19 0.60 0.00	40.90 0.54 -0.67	42.09 0.52 -0.37
MALONE___115KV_TB1 356076	60.39 -1.65 0.00	57.78 -1.41 0.00	59.96 -0.91 0.00	54.29 -1.12 0.00	46.00 -1.50 0.00	42.40 -1.29 0.00	37.77 -1.19 -0.01	31.61 -1.22 0.00	27.53 -0.85 0.00	26.64 -0.76 0.00	26.65 -0.89 0.00	36.20 -0.41 0.00	34.64 -0.66 0.00	30.62 -0.74 -0.05	27.97 -0.55 -0.17	35.88 -0.77 -0.02	39.04 -1.14 -0.04	38.85 -1.72 -0.11	37.96 -2.07 0.00	35.50 -1.85 0.00	37.53 -1.73 0.00	37.07 -1.51 0.00	38.75 -0.94 0.00	39.96 -1.24 0.00
MAPLEWOD_115KV_TB3 80458	63.82 1.78 0.00	60.93 1.75 0.00	62.47 1.60 0.00	56.91 1.50 0.00	48.78 1.29 0.00	44.93 1.24 0.00	41.83 1.22 -1.65	36.70 1.08 -2.78	29.95 0.93 -0.64	28.64 1.00 -0.24	30.07 1.05 -1.48	38.23 1.37 -0.25	37.30 1.40 -0.60	36.88 1.27 -4.30	42.40 1.12 -12.93	39.70 1.41 -1.67	46.25 1.59 -4.52	55.19 1.56 -13.17	53.42 1.54 -11.85	43.57 1.41 -4.81	44.09 1.53 -3.30	40.61 1.50 -0.53	57.52 1.58 -16.25	51.36 1.51 -8.65
MAPLE_RIDGE_WT_1 323574	60.62 -1.42 0.00	57.60 -1.58 0.00	59.57 -1.31 0.00	53.87 -1.53 0.00	45.88 -1.62 0.00	42.11 -1.58 0.00	37.45 -1.51 0.00	31.49 -1.35 0.00	27.30 -1.08 0.00	26.46 -0.94 0.00	26.71 -0.83 0.00	35.75 -0.85 0.00	34.33 -0.97 0.00	30.25 -1.06 0.00	27.39 -0.96 0.00	35.34 -1.28 0.00	38.61 -1.53 0.00	38.69 -1.78 0.00	38.12 -1.91 0.00	35.70 -1.65 0.00	37.63 -1.63 0.00	37.05 -1.53 0.00	38.25 -1.44 0.00	39.63 -1.57 0.00
MAPLE_RIDGE_WT_2 323611	60.62 -1.42 0.00	57.60 -1.58 0.00	59.57 -1.31 0.00	53.87 -1.53 0.00	45.88 -1.62 0.00	42.11 -1.58 0.00	37.45 -1.51 0.00	31.49 -1.35 0.00	27.30 -1.08 0.00	26.46 -0.94 0.00	26.71 -0.83 0.00	35.75 -0.85 0.00	34.33 -0.97 0.00	30.25 -1.06 0.00	27.39 -0.96 0.00	35.34 -1.28 0.00	38.61 -1.53 0.00	38.69 -1.78 0.00	38.12 -1.91 0.00	35.70 -1.65 0.00	37.63 -1.63 0.00	37.05 -1.53 0.00	38.25 -1.44 0.00	39.63 -1.57 0.00
MARBLE_RIVER_WT_PWR 323696	59.26 -2.78 0.00	56.80 -2.39 0.00	59.02 -1.86 0.00	53.46 -1.95 0.00	45.33 -2.17 0.00	41.75 -1.94 0.00	37.22 -1.74 0.00	31.16 -1.67 0.00	27.08 -1.30 0.00	26.19 -1.21 0.00	26.16 -1.37 0.00	35.55 -1.05 0.00	34.06 -1.24 0.00	30.05 -1.26 0.00	27.37 -0.99 0.00	35.24 -1.38 0.00	38.25 -1.89 0.00	37.97 -2.49 0.00	37.21 -2.81 0.00	34.88 -2.47 0.00	36.87 -2.39 0.00	36.43 -2.16 0.00	38.17 -1.52 0.00	39.33 -1.87 0.00
MARSHVLE_115KV_TB1 80742	65.09 3.05 0.00	61.93 2.74 0.00	63.87 3.00 0.00	58.07 2.66 0.00	49.73 2.24 0.00	45.82 2.13 0.00	42.28 1.93 -1.40	36.14 1.62 -1.69	30.04 1.27 -0.39	28.23 0.68 -0.15	29.17 0.73 -0.90	38.16 1.40 -0.15	37.00 1.34 -0.36	37.09 1.20 -4.58	44.11 1.21 -14.54	40.22 1.70 -1.90	47.00 1.99 -4.88	54.94 2.11 -12.36	53.28 2.05 -11.20	43.33 1.91 -4.07	44.99 1.97 -3.76	40.88 1.97 -0.32	59.60 1.96 -17.94	53.03 2.05 -9.78
MARSH_HILL_WT_PWR 323713	59.28 -2.76 0.00	56.47 -2.71 0.00	58.34 -2.53 0.00	53.39 -2.02 0.00	45.50 -1.99 0.00	41.76 -1.93 0.00	37.12 -1.96 -0.12	30.74 -2.09 0.00	26.71 -1.67 0.00	21.74 -1.75 3.91	25.67 -1.87 0.00	34.24 -2.37 0.00	32.79 -2.51 0.00	43.24 -2.37 -14.30	37.26 -2.16 -11.06	34.38 -2.50 -0.26	38.60 -2.40 -0.87	44.44 -2.30 -6.28	54.74 -2.41 -17.12	60.74 -2.59 -25.98	57.77 -2.46 -20.98	36.56 -2.64 -0.61	39.50 -2.60 -2.41	40.05 -2.50 -1.35
MCINTYRE_115KV_TB2 80467	61.65 -0.38 0.00	58.88 -0.31 0.00	61.12 0.24 0.00	55.20 -0.21 0.00	46.76 -0.74 0.00	43.06 -0.63 0.00	38.32 -0.64 -0.01	32.10 -0.74 0.00	27.91 -0.46 0.00	26.99 -0.40 0.00	27.06 -0.48 0.00	36.56 -0.05 0.00	35.02 -0.27 0.00	30.75 -0.61 -0.06	28.10 -0.45 -0.20	36.14 -0.50 -0.03	39.63 -0.57 -0.06	39.50 -1.10 -0.13	38.54 -1.52 -0.04	35.96 -1.38 0.00	38.02 -1.24 0.00	37.62 -0.97 0.00	39.24 -0.45 0.00	40.52 -0.69 0.00
MECO_____69_KV_BK1 80468	65.98 3.94 0.00	62.82 3.63 0.00	64.65 3.78 0.00	58.81 3.40 0.00	50.42 2.92 0.00	46.47 2.77 0.00	42.98 2.57 -1.46	37.01 2.21 -1.96	30.59 1.76 -0.45	28.59 1.02 -0.17	29.73 1.15 -1.04	38.89 2.11 -0.18	37.76 2.04 -0.42	37.69 1.90 -4.49	44.24 1.83 -14.06	40.93 2.49 -1.83	47.85 2.95 -4.76	56.07 3.09 -12.52	54.37 3.02 -11.32	44.36 2.77 -4.24	45.74 2.86 -3.62	41.73 2.77 -0.37	59.89 2.77 -17.43	53.44 2.79 -9.44
MENANDS___115KV_TB5 355628	63.51 1.47 0.00	60.65 1.46 0.00	62.18 1.31 0.00	56.65 1.24 0.00	48.56 1.06 0.00	44.68 0.99 0.00	41.60 0.99 -1.65	36.51 0.88 -2.80	29.78 0.76 -0.64	28.50 0.86 -0.25	29.95 0.92 -1.49	38.04 1.18 -0.25	37.10 1.20 -0.60	36.70 1.08 -4.30	42.20 0.93 -12.91	39.46 1.18 -1.66	45.97 1.32 -4.52	54.92 1.28 -13.18	53.15 1.26 -11.86	43.32 1.15 -4.82	43.81 1.26 -3.29	40.36 1.24 -0.53	57.25 1.33 -16.23	51.09 1.26 -8.64
MG INDUSTRY___DRP 24185	63.75 1.71 0.00	60.82 1.63 0.00	62.40 1.53 0.00	56.83 1.43 0.00	48.72 1.22 0.00	44.84 1.15 0.00	41.74 1.10 -1.68	36.73 0.97 -2.93	29.81 0.75 -0.68	28.40 0.75 -0.26	29.86 0.77 -1.56	37.88 1.01 -0.27	37.02 1.10 -0.64	36.60 1.03 -4.26	41.90 0.87 -12.68	39.42 1.17 -1.63	45.94 1.34 -4.47	55.04 1.30 -13.28	53.25 1.29 -11.93	43.43 1.16 -4.92	43.74 1.26 -3.22	40.37 1.23 -0.56	56.96 1.28 -15.98	50.97 1.29 -8.48

MID___OSWEGATCHIE_HYD 23849	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.45 0.00	34.76 -0.53 0.00	30.78 -0.62 -0.09	28.04 -0.62 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.39 -1.99 -0.03	37.25 -2.06 -0.04	36.70 -1.89 0.00	37.98 -1.90 -0.20	39.30 -2.02 -0.11
MID___RAQUETTE_HYD 23851	60.67 -1.37 0.00	57.89 -1.30 0.00	60.00 -0.88 0.00	54.18 -1.22 0.00	45.94 -1.56 0.00	42.32 -1.37 0.00	37.63 -1.33 -0.01	31.52 -1.31 0.00	27.43 -0.96 0.00	26.55 -0.84 0.00	26.63 -0.91 0.00	36.10 -0.51 0.00	34.57 -0.72 0.00	30.46 -0.91 -0.06	27.81 -0.76 -0.22	35.67 -0.98 -0.03	38.96 -1.24 -0.07	38.77 -1.83 -0.14	37.86 -2.20 -0.04	35.31 -2.04 0.00	37.30 -1.96 0.00	36.90 -1.69 0.00	38.43 -1.26 0.00	39.73 -1.48 0.00
MILLIKEN___1 23584	62.98 0.94 0.00	60.00 0.81 0.00	61.72 0.85 0.00	56.20 0.79 0.00	48.14 0.64 0.00	44.27 0.58 0.00	39.61 0.54 -0.12	33.29 0.46 0.00	28.78 0.40 0.00	32.14 0.34 -4.41	27.82 0.29 0.00	37.05 0.45 0.00	35.68 0.39 0.00	33.25 0.34 -1.61	31.79 0.29 -3.14	37.34 0.45 -0.26	41.40 0.62 -0.65	42.80 0.67 -1.67	43.16 0.74 -2.39	42.06 0.62 -4.09	41.97 0.65 -2.05	39.18 0.55 -0.05	42.59 0.49 -2.40	43.11 0.56 -1.35
MILLIKEN___2 23585	62.98 0.94 0.00	60.00 0.81 0.00	61.72 0.85 0.00	56.20 0.79 0.00	48.14 0.64 0.00	44.27 0.58 0.00	39.61 0.54 -0.12	33.29 0.46 0.00	28.78 0.40 0.00	32.14 0.34 -4.41	27.82 0.29 0.00	37.05 0.45 0.00	35.68 0.39 0.00	33.25 0.34 -1.61	31.79 0.29 -3.14	37.34 0.45 -0.26	41.40 0.62 -0.65	42.80 0.67 -1.67	43.16 0.74 -2.39	42.06 0.62 -4.09	41.97 0.65 -2.05	39.18 0.55 -0.05	42.59 0.49 -2.40	43.11 0.56 -1.35
MILLIKEN___DIESEL 23629	62.98 0.94 0.00	60.00 0.81 0.00	61.72 0.85 0.00	56.20 0.79 0.00	48.14 0.64 0.00	44.27 0.58 0.00	39.61 0.54 -0.12	33.29 0.46 0.00	28.78 0.40 0.00	32.14 0.34 -4.41	27.82 0.29 0.00	37.05 0.45 0.00	35.68 0.39 0.00	33.25 0.34 -1.61	31.79 0.29 -3.14	37.34 0.45 -0.26	41.40 0.62 -0.65	42.80 0.67 -1.67	43.16 0.74 -2.39	42.06 0.62 -4.09	41.97 0.65 -2.05	39.18 0.55 -0.05	42.59 0.49 -2.40	43.11 0.56 -1.35
MILLSEAT___LFGE 323607	60.46 -1.58 0.00	57.53 -1.65 0.00	59.68 -1.20 0.00	54.28 -1.14 0.00	46.21 -1.29 0.00	42.50 -1.19 0.00	37.59 -1.44 -0.08	31.25 -1.59 0.00	27.23 -1.14 0.00	24.77 -1.30 1.33	25.93 -1.61 0.00	34.51 -2.10 0.00	33.05 -2.25 0.00	26.91 -2.03 2.37	25.57 -2.13 0.65	34.22 -2.58 -0.18	37.80 -2.72 -0.39	37.98 -2.36 0.12	35.40 -2.23 2.40	29.53 -2.10 5.72	33.32 -2.17 3.77	36.08 -2.38 0.12	39.14 -2.20 -1.65	39.76 -2.37 -0.93
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	64.89 2.85 0.00	62.04 2.85 0.00	63.80 2.93 0.00	58.16 2.76 0.00	49.97 2.47 0.00	46.01 2.32 0.00	44.73 2.30 -3.48	43.65 2.02 -8.80	32.10 1.70 -2.03	29.83 1.66 -0.77	33.94 1.72 -4.69	39.56 2.16 -0.80	39.28 2.08 -1.90	38.25 1.89 -5.05	41.81 1.76 -11.69	44.73 2.22 -5.89	47.70 2.57 -4.99	65.58 2.68 -22.44	62.53 2.63 -19.87	49.91 2.40 -10.16	44.51 2.50 -2.75	42.69 2.44 -1.66	58.30 2.50 -16.11	51.23 2.43 -7.60
MILLWOOD_13_KV_LOAD 356217	64.97 2.93 0.00	62.11 2.92 0.00	63.89 3.01 0.00	58.26 2.84 0.00	50.03 2.53 0.00	46.07 2.38 0.00	44.78 2.35 -3.48	43.70 2.06 -8.80	32.14 1.73 -2.03	29.86 1.70 -0.77	33.98 1.75 -4.69	39.62 2.21 -0.80	39.33 2.13 -1.90	38.30 1.94 -5.05	41.85 1.81 -11.69	44.79 2.28 -5.89	47.78 2.65 -4.99	65.65 2.75 -22.44	62.60 2.71 -19.87	49.97 2.46 -10.16	44.57 2.56 -2.75	42.75 2.51 -1.66	58.36 2.56 -16.11	51.30 2.49 -7.60
MODEL_CITY_ENERGY 24167	58.59 -3.45 0.00	55.77 -3.42 0.00	57.92 -2.95 0.00	52.68 -2.73 0.00	44.80 -2.70 0.00	41.19 -2.50 0.00	36.33 -2.70 -0.08	30.10 -2.73 0.00	26.29 -2.09 0.00	23.81 -2.13 1.45	25.04 -2.50 0.00	33.28 -3.33 0.00	31.89 -3.41 0.00	25.21 -3.04 3.07	24.21 -3.08 1.06	32.83 -3.98 -0.19	36.13 -4.40 -0.39	36.07 -4.05 0.34	33.01 -3.83 3.19	26.68 -3.52 7.15	30.81 -3.62 4.83	34.55 -3.88 0.16	37.78 -3.65 -1.74	38.34 -3.83 -0.97
MODERN_LFGE___ 323580	58.59 -3.45 0.00	55.77 -3.42 0.00	57.92 -2.95 0.00	52.68 -2.73 0.00	44.80 -2.70 0.00	41.19 -2.50 0.00	36.33 -2.70 -0.08	30.10 -2.73 0.00	26.29 -2.09 0.00	23.81 -2.13 1.45	25.04 -2.50 0.00	33.28 -3.33 0.00	31.89 -3.41 0.00	25.21 -3.04 3.07	24.21 -3.08 1.06	32.83 -3.98 -0.19	36.13 -4.40 -0.39	36.07 -4.05 0.34	33.01 -3.83 3.19	26.68 -3.52 7.15	30.81 -3.62 4.83	34.55 -3.88 0.16	37.78 -3.65 -1.74	38.34 -3.83 -0.97
MOHAWK_PAPER___DRP 24187	63.82 1.78 0.00	60.93 1.75 0.00	62.47 1.60 0.00	56.91 1.50 0.00	48.78 1.29 0.00	44.93 1.24 0.00	41.83 1.22 -1.65	36.70 1.08 -2.78	29.95 0.93 -0.64	28.64 1.00 -0.24	30.07 1.05 -1.48	38.23 1.37 -0.25	37.30 1.40 -0.60	36.88 1.27 -4.30	42.40 1.12 -12.93	39.70 1.41 -1.67	46.25 1.59 -4.52	55.19 1.56 -13.17	53.42 1.54 -11.85	43.57 1.41 -4.81	44.09 1.53 -3.30	40.61 1.50 -0.53	57.52 1.58 -16.25	51.36 1.51 -8.65
MOHICAN___35_KV_115KV_LD 80490	66.12 4.08 0.00	63.16 3.97 0.00	64.62 3.75 0.00	58.89 3.49 0.00	50.69 3.19 0.00	46.77 3.08 0.00	43.59 3.05 -1.59	38.08 2.69 -2.55	31.24 2.27 -0.59	29.73 2.11 -0.22	31.11 2.21 -1.36	39.85 3.01 -0.23	38.77 2.93 -0.55	38.25 2.60 -4.34	43.95 2.42 -13.18	41.39 3.07 -1.70	48.28 3.57 -4.57	56.94 3.54 -12.94	55.21 3.52 -11.66	45.17 3.19 -4.64	45.95 3.32 -3.37	42.24 3.17 -0.48	59.56 3.37 -16.50	53.30 3.27 -8.83
MONGAUP___HYD 23641	65.39 3.35 0.00	62.45 3.27 0.00	64.21 3.34 0.00	58.52 3.12 0.00	50.24 2.74 0.00	46.26 2.57 0.00	33.34 2.50 8.11	8.24 2.15 26.74	23.95 1.74 6.17	26.58 1.54 2.35	14.69 1.40 14.25	35.82 1.64 2.43	31.11 1.60 5.79	29.78 1.71 3.24	35.90 1.82 -5.72	35.69 2.35 3.27	40.88 2.80 2.06	1.96 2.97 41.48	7.25 2.98 35.76	16.11 2.69 23.93	44.53 2.79 -2.48	36.21 2.69 5.06	43.25 2.71 -0.85	48.66 2.66 -4.81
MONTAUK___DIESEL 23721	64.59 2.56 0.00	62.21 3.02 0.00	63.51 2.63 0.00	57.48 2.07 0.00	49.94 2.44 0.00	46.12 2.43 0.00	44.93 2.64 -3.34	43.07 1.89 -8.35	32.54 2.24 -1.93	30.03 1.90 -0.73	34.35 2.37 -4.45	40.24 2.87 -0.76	39.85 2.75 -1.81	38.57 2.30 -4.96	41.96 1.93 -11.68	53.71 2.50 -14.59	48.28 3.22 -4.93	65.38 3.22 -21.70	62.22 2.97 -19.21	49.80 2.70 -9.75	44.33 2.31 -2.76	42.67 2.51 -1.57	58.08 2.39 -16.00	51.02 2.21 -7.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	60.47 -1.57 0.00	57.70 -1.49 0.00	60.23 -0.65 0.00	54.79 -0.62 0.00	46.49 -1.01 0.00	42.51 -1.18 0.00	37.63 -1.42 -0.10	30.92 -1.91 0.00	26.99 -1.39 0.00	24.14 -1.42 1.83	25.79 -1.75 0.00	34.27 -2.34 0.00	32.94 -2.35 0.00	25.96 -2.23 3.12	25.16 -2.16 1.04	34.15 -2.69 -0.22	37.47 -3.12 -0.45	37.21 -3.00 0.25	33.97 -2.86 3.20	26.93 -2.89 7.53	31.15 -3.17 4.93	35.20 -3.22 0.16	38.83 -2.83 -1.96	39.70 -2.61 -1.10

MORRIS_RIDGE___SOLAR 323848	59.57 -2.47 0.00	56.74 -2.45 0.00	58.60 -2.28 0.00	53.47 -1.94 0.00	45.63 -1.87 0.00	41.85 -1.84 0.00	37.14 -1.93 -0.11	30.81 -2.02 0.00	26.74 -1.64 0.00	22.95 -1.71 2.73	25.59 -1.95 0.00	34.10 -2.51 0.00	32.73 -2.56 0.00	9.16 -2.41 19.74	13.73 -2.26 12.36	34.19 -2.69 -0.25	37.64 -2.75 -0.26	31.75 -2.59 6.12	15.03 -2.58 22.42	-6.20 -2.62 40.92	6.88 -2.61 29.77	34.89 -2.79 0.91	39.37 -2.66 -2.33	39.93 -2.58 -1.31
MORTIMER_115KV_TB3 55949	60.44 -1.60 0.00	57.56 -1.63 0.00	59.54 -1.33 0.00	54.15 -1.25 0.00	46.22 -1.28 0.00	42.50 -1.19 0.00	37.72 -1.30 -0.07	31.50 -1.33 0.00	27.38 -1.00 0.00	25.33 -1.09 0.98	26.29 -1.25 0.00	35.02 -1.58 0.00	33.65 -1.64 0.00	30.07 -1.58 -0.34	27.82 -1.61 -1.07	34.83 -1.95 -0.15	38.42 -2.08 -0.37	39.32 -1.91 -0.76	38.84 -1.90 -0.71	35.37 -1.81 0.17	37.64 -1.92 -0.31	36.73 -1.86 0.00	39.30 -1.81 -1.42	40.10 -1.90 -0.80
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	65.22 3.18 0.00	62.36 3.18 0.00	64.17 3.30 0.00	58.50 3.08 0.00	50.24 2.74 0.00	46.25 2.56 0.00	44.81 2.51 -3.34	43.41 2.21 -8.36	32.19 1.88 -1.93	30.01 1.88 -0.74	33.95 1.96 -4.46	39.84 2.47 -0.76	39.49 2.39 -1.81	38.43 2.16 -4.97	42.03 1.99 -11.68	44.48 2.50 -5.37	47.93 2.87 -4.93	65.11 2.93 -21.71	62.14 2.88 -19.23	49.76 2.65 -9.76	44.79 2.77 -2.76	42.86 2.70 -1.58	58.43 2.73 -16.00	51.50 2.69 -7.61
MUNSVILLE_WIND_PWR 323609	66.27 4.23 0.00	62.92 3.73 0.00	64.56 3.68 0.00	59.04 3.63 0.00	50.78 3.28 0.00	46.83 3.14 0.00	42.07 3.29 0.17	34.50 2.76 1.09	30.49 2.36 0.25	31.77 2.03 -2.35	28.94 1.99 0.58	39.22 2.71 0.10	37.33 2.27 0.24	34.86 2.13 -1.42	34.00 1.96 -3.69	39.80 2.78 -0.41	44.38 3.46 -0.78	44.50 3.71 -0.33	44.91 3.84 -1.03	42.73 3.44 -1.94	44.74 3.53 -1.95	41.65 3.24 0.17	46.22 3.26 -3.28	46.51 3.29 -2.01
N SALMON___HYD 24042	60.39 -1.65 0.00	57.78 -1.41 0.00	59.96 -0.91 0.00	54.29 -1.12 0.00	46.00 -1.50 0.00	42.40 -1.29 0.00	37.77 -1.19 -0.01	31.61 -1.22 0.00	27.53 -0.85 0.00	26.64 -0.76 0.00	26.65 -0.89 0.00	36.20 -0.41 0.00	34.63 -0.66 0.00	30.62 -0.74 -0.05	27.98 -0.54 -0.17	35.87 -0.77 -0.02	39.04 -1.14 -0.04	38.85 -1.72 -0.11	37.95 -2.07 0.00	35.54 -1.81 0.00	37.53 -1.73 0.00	37.07 -1.51 0.00	38.75 -0.94 0.00	39.96 -1.24 0.00
N.AKRON__115KV_KNAPP 355671	60.18 -1.86 0.00	57.25 -1.94 0.00	59.42 -1.45 0.00	54.06 -1.35 0.00	45.98 -1.52 0.00	42.30 -1.40 0.00	37.38 -1.66 -0.08	31.02 -1.81 0.00	27.08 -1.30 0.00	24.61 -1.42 1.36	25.77 -1.77 0.00	34.30 -2.31 0.00	32.86 -2.43 0.00	26.51 -2.22 2.58	25.26 -2.31 0.78	33.94 -2.86 -0.18	37.47 -3.05 -0.39	37.55 -2.73 0.18	34.80 -2.60 2.63	28.80 -2.40 6.15	32.65 -2.53 4.08	35.78 -2.68 0.13	38.88 -2.48 -1.67	39.47 -2.67 -0.94
N.BELMOR_69_KV_BK1 55787	65.53 3.49 0.00	62.69 3.50 0.00	64.09 3.22 0.00	58.62 3.21 0.00	50.36 2.86 0.00	46.38 2.69 0.00	45.02 2.73 -3.34	43.48 2.30 -8.35	32.33 2.02 -1.93	30.00 1.87 -0.73	34.04 2.05 -4.45	39.92 2.55 -0.76	39.55 2.45 -1.81	38.60 2.33 -4.96	42.21 2.18 -11.68	57.61 2.78 -18.21	48.25 3.18 -4.93	65.56 3.41 -21.70	62.38 3.14 -19.21	49.90 2.80 -9.75	44.86 2.83 -2.76	43.13 2.96 -1.57	58.70 3.01 -16.00	51.78 2.97 -7.61
N.E_GEN_SANDY PD 24062	63.65 2.11 0.50	60.03 2.14 1.30	62.86 1.98 0.00	57.26 1.85 0.00	49.17 1.68 0.00	45.17 1.67 0.19	42.86 1.70 -2.20	39.13 1.55 -4.75	30.99 1.31 -1.30	33.84 1.34 -5.12	36.16 1.40 -7.23	42.58 1.78 -4.19	38.19 1.74 -1.16	37.34 1.59 -4.45	42.05 1.47 -12.23	56.93 1.90 -18.41	49.77 2.13 -7.51	57.82 2.11 -15.25	57.04 2.12 -14.89	46.27 1.94 -6.98	49.22 2.09 -7.88	41.94 2.04 -1.31	58.98 2.14 -17.16	51.92 2.01 -8.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	64.89 2.85 0.00	62.04 2.86 0.00	63.87 2.99 0.00	58.24 2.83 0.00	50.04 2.54 0.00	46.08 2.38 0.00	45.49 2.35 -4.20	45.93 2.04 -11.05	32.61 1.69 -2.55	29.99 1.63 -0.97	35.10 1.67 -5.89	39.70 2.09 -1.00	39.71 2.02 -2.39	38.63 1.84 -5.48	41.82 1.71 -11.76	32.80 2.13 5.95	47.97 2.49 -5.34	69.39 2.63 -26.30	65.83 2.59 -23.21	51.98 2.36 -12.27	44.38 2.44 -2.69	43.06 2.39 -2.09	58.86 2.46 -16.71	51.16 2.39 -7.57
N.QUEENS_27_KV_LOAD 356247	65.18 3.14 0.00	62.33 3.14 0.00	64.16 3.29 0.00	58.50 3.08 0.00	50.21 2.71 0.00	46.20 2.50 0.00	44.78 2.49 -3.34	43.43 2.22 -8.36	32.22 1.91 -1.93	30.09 1.96 -0.74	34.02 2.03 -4.46	39.86 2.50 -0.76	39.58 2.48 -1.81	38.55 2.28 -4.97	42.13 2.10 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.24 3.06 -21.72	62.27 3.01 -19.23	49.89 2.78 -9.76	44.86 2.84 -2.76	42.97 2.81 -1.58	58.49 2.79 -16.00	51.59 2.78 -7.61
N.TROY___115KV_TB1 355778	64.19 2.15 0.00	61.30 2.12 0.00	62.82 1.94 0.00	57.23 1.82 0.00	49.12 1.63 0.00	45.30 1.60 0.00	42.20 1.60 -1.65	37.04 1.43 -2.78	30.23 1.21 -0.64	28.87 1.23 -0.24	30.31 1.30 -1.48	38.57 1.71 -0.25	37.59 1.69 -0.60	37.17 1.54 -4.33	42.74 1.39 -13.00	40.08 1.79 -1.68	46.67 1.99 -4.55	55.60 1.93 -13.21	53.86 1.95 -11.88	43.96 1.78 -4.82	44.49 1.92 -3.31	40.99 1.88 -0.53	58.00 1.97 -16.33	51.79 1.89 -8.70
NARROWS_GT1_1 24228	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_2 24229	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_3 24230	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_4 24231	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61

NARROWS_GT1_5 24232	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_6 24233	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_7 24234	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT1_8 24235	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_1 24236	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_2 24237	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_3 24238	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_4 24239	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_5 24240	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_6 24241	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_7 24242	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NARROWS_GT2_8 24243	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.39 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.58 -1.81	38.58 2.31 -4.97	42.17 2.14 -11.68	44.65 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.64 2.83 -7.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	65.31 3.27 0.00	62.26 3.08 0.00	63.85 2.98 0.00	58.12 2.71 0.00	49.80 2.30 0.00	45.83 2.14 0.00	42.85 2.06 -1.84	38.17 1.85 -3.48	30.71 1.53 -0.80	29.14 1.44 -0.31	30.70 1.31 -1.85	38.68 1.76 -0.31	37.84 1.79 -0.75	37.30 1.73 -4.27	42.17 1.45 -12.36	40.40 2.21 -1.58	47.22 2.63 -4.45	57.17 2.65 -14.06	55.23 2.62 -12.58	45.09 2.33 -5.41	44.81 2.43 -3.12	41.63 2.38 -0.67	57.79 2.37 -15.73	51.77 2.33 -8.24
NCHELSEA_115KV_TR2 355582	65.40 3.36 0.00	62.49 3.30 0.00	64.25 3.38 0.00	58.54 3.14 0.00	50.29 2.79 0.00	46.32 2.63 0.00	44.70 2.58 -3.17	42.92 2.26 -7.83	32.09 1.90 -1.81	29.92 1.84 -0.69	33.57 1.86 -4.17	39.69 2.37 -0.71	39.31 2.32 -1.70	38.28 2.12 -4.85	41.96 2.00 -11.62	40.57 2.56 -1.40	47.99 2.98 -4.88	64.77 3.11 -21.20	61.76 3.04 -18.69	49.62 2.79 -9.48	44.91 2.89 -2.77	42.92 2.81 -1.52	58.38 2.86 -15.83	51.58 2.79 -7.58
NEG CAPITAL___MECHNVIL 23645	65.13 3.09 0.00	62.18 3.00 0.00	63.77 2.89 0.00	58.08 2.67 0.00	49.86 2.37 0.00	45.98 2.29 0.00	42.80 2.24 -1.62	37.46 1.99 -2.63	30.66 1.68 -0.61	29.23 1.61 -0.23	30.61 1.67 -1.40	39.13 2.28 -0.24	38.12 2.26 -0.57	37.68 2.04 -4.33	43.34 1.87 -13.12	40.72 2.40 -1.69	47.43 2.73 -4.56	56.22 2.72 -13.04	54.47 2.70 -11.74	44.51 2.45 -4.71	45.20 2.59 -3.35	41.58 2.50 -0.50	58.73 2.59 -16.44	52.53 2.54 -8.78



NEG CENTRAL_HIGH_ACRES 23767	59.67 -2.37 0.00	56.81 -2.38 0.00	58.68 -2.19 0.00	53.38 -2.03 0.00	45.61 -1.89 0.00	41.97 -1.72 0.00	37.30 -1.72 -0.07	31.22 -1.61 0.00	27.10 -1.27 0.00	25.35 -1.33 0.71	26.08 -1.45 0.00	34.72 -1.89 0.00	33.41 -1.89 0.00	29.88 -1.77 -0.33	27.68 -1.74 -1.06	34.67 -2.10 -0.15	38.23 -2.27 -0.36	39.07 -2.13 -0.74	38.61 -2.11 -0.69	35.26 -2.01 0.08	37.42 -2.15 -0.30	36.48 -2.10 0.00	38.95 -2.12 -1.38	39.75 -2.23 -0.77
NEG CENTRAL___DRP 24199	61.68 -0.36 0.00	58.74 -0.44 0.00	60.36 -0.51 0.00	54.96 -0.45 0.00	47.12 -0.38 0.00	43.30 -0.39 0.00	38.60 -0.42 -0.08	32.42 -0.42 0.00	28.05 -0.33 0.00	25.95 -0.38 1.06	27.09 -0.45 0.00	36.09 -0.51 0.00	34.78 -0.52 0.00	32.48 -0.49 -1.66	29.91 -0.49 -2.05	36.27 -0.52 -0.17	40.13 -0.43 -0.43	41.43 -0.33 -1.30	42.03 -0.27 -2.27	39.36 -0.35 -2.36	41.14 -0.38 -2.26	38.20 -0.45 -0.06	40.76 -0.47 -1.54	41.63 -0.43 -0.86
NEG CENTRAL___INDECK 23768	62.03 -0.01 0.00	58.98 -0.21 0.00	60.94 0.07 0.00	55.56 0.15 0.00	47.41 -0.09 0.00	43.60 -0.10 0.00	38.78 -0.28 -0.10	32.32 -0.52 0.00	28.10 -0.28 0.00	24.53 -0.43 2.43	26.91 -0.62 0.00	35.82 -0.79 0.00	34.40 -0.89 0.00	44.98 -0.93 -14.61	38.47 -1.05 -11.17	35.75 -1.09 -0.22	40.06 -0.85 -0.77	46.11 -0.57 -6.22	56.88 -0.55 -17.40	63.97 -0.69 -27.31	60.08 -0.67 -21.49	38.39 -0.83 -0.63	40.95 -0.76 -2.02	41.54 -0.79 -1.13
NEG CENTRAL___SENECA 23627	61.76 -0.28 0.00	58.83 -0.36 0.00	60.55 -0.33 0.00	55.11 -0.29 0.00	47.26 -0.24 0.00	43.41 -0.28 0.00	38.70 -0.33 -0.08	32.42 -0.42 0.00	28.07 -0.31 0.00	25.05 -0.36 1.99	27.07 -0.46 0.00	36.04 -0.57 0.00	34.70 -0.59 0.00	33.18 -0.59 -2.47	30.38 -0.59 -2.62	36.21 -0.60 -0.19	40.15 -0.47 -0.48	41.81 -0.32 -1.66	43.00 -0.26 -3.23	40.47 -0.40 -3.52	42.27 -0.43 -3.44	38.17 -0.50 -0.09	40.91 -0.49 -1.71	41.69 -0.46 -0.96
NEG CENTRAL___STATE_STREET 24147	62.08 0.04 0.00	59.15 -0.04 0.00	60.85 -0.03 0.00	55.39 -0.02 0.00	47.47 -0.03 0.00	43.64 -0.05 0.00	38.94 -0.09 -0.07	32.82 -0.02 0.00	28.37 -0.01 0.00	27.76 -0.12 -0.49	27.36 -0.18 0.00	36.48 -0.13 0.00	35.18 -0.11 0.00	31.56 -0.11 -0.36	29.51 -0.13 -1.29	36.70 -0.09 -0.16	40.51 -0.02 -0.40	41.18 -0.09 -0.81	40.85 0.07 -0.75	37.73 -0.02 -0.40	39.61 0.02 -0.33	38.54 -0.04 0.00	41.00 -0.20 -1.51	41.99 -0.06 -0.85
NEG MILLWOOD___DRP 24198	65.59 3.55 0.00	62.67 3.48 0.00	64.43 3.56 0.00	58.72 3.32 0.00	50.44 2.94 0.00	46.46 2.77 0.00	44.72 2.72 -3.05	42.69 2.40 -7.46	32.14 2.04 -1.72	30.04 1.99 -0.66	33.54 2.03 -3.97	39.86 2.58 -0.68	39.40 2.49 -1.61	38.37 2.28 -4.79	42.12 2.13 -11.64	41.79 2.74 -2.43	48.12 3.18 -4.81	64.14 3.30 -20.38	61.29 3.24 -18.02	49.34 2.96 -9.03	45.13 3.08 -2.79	43.00 2.99 -1.43	58.48 3.03 -15.76	51.78 2.96 -7.61
NEG NORTH_FLCN_SEA 23793	59.96 -2.08 0.00	57.53 -1.66 0.00	59.74 -1.13 0.00	54.21 -1.20 0.00	45.96 -1.54 0.00	42.29 -1.40 0.00	37.78 -1.17 0.00	31.65 -1.19 0.00	27.48 -0.90 0.00	26.57 -0.82 0.00	26.54 -1.00 0.00	36.08 -0.53 0.00	34.57 -0.72 0.00	30.50 -0.81 0.00	27.79 -0.57 0.00	35.79 -0.83 0.00	38.83 -1.31 0.00	38.56 -1.90 0.00	37.79 -2.24 0.00	35.36 -1.99 0.00	37.43 -1.82 0.00	36.96 -1.63 0.00	38.72 -0.97 0.00	39.88 -1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	59.36 -2.68 0.00	56.91 -2.27 0.00	59.11 -1.76 0.00	53.53 -1.88 0.00	45.36 -2.14 0.00	41.78 -1.91 0.00	37.24 -1.72 0.00	31.17 -1.66 0.00	27.10 -1.28 0.00	26.19 -1.21 0.00	26.16 -1.38 0.00	35.57 -1.03 0.00	34.06 -1.24 0.00	30.05 -1.25 0.00	27.37 -0.98 0.00	35.28 -1.34 0.00	38.31 -1.83 0.00	38.03 -2.44 0.00	37.26 -2.77 0.00	34.89 -2.46 0.00	36.91 -2.35 0.00	36.47 -2.12 0.00	38.21 -1.48 0.00	39.38 -1.82 0.00
NEG NORTH___ALICE_FALLS 23915	60.29 -1.74 0.00	57.81 -1.38 0.00	60.03 -0.84 0.00	54.46 -0.95 0.00	46.16 -1.33 0.00	42.49 -1.20 0.00	37.94 -1.01 0.00	31.80 -1.04 0.00	27.63 -0.75 0.00	26.74 -0.66 0.00	26.70 -0.84 0.00	36.31 -0.30 0.00	34.78 -0.52 0.00	30.68 -0.63 0.00	27.95 -0.40 0.00	36.00 -0.61 0.00	39.10 -1.04 0.00	38.85 -1.61 0.00	38.07 -1.96 0.00	35.61 -1.74 0.00	37.68 -1.58 0.00	37.20 -1.39 0.00	38.95 -0.74 0.00	40.11 -1.09 0.00
NEG NORTH___LWR_SARANAC 23913	60.29 -1.74 0.00	57.81 -1.38 0.00	60.03 -0.84 0.00	54.46 -0.95 0.00	46.16 -1.33 0.00	42.49 -1.20 0.00	37.94 -1.01 0.00	31.80 -1.04 0.00	27.63 -0.75 0.00	26.74 -0.66 0.00	26.70 -0.84 0.00	36.31 -0.30 0.00	34.78 -0.52 0.00	30.68 -0.63 0.00	27.95 -0.40 0.00	36.00 -0.61 0.00	39.10 -1.04 0.00	38.85 -1.61 0.00	38.07 -1.96 0.00	35.61 -1.74 0.00	37.68 -1.58 0.00	37.20 -1.39 0.00	38.95 -0.74 0.00	40.11 -1.09 0.00
NEG NORTH___PLATTSBURG 23628	60.30 -1.74 0.00	57.81 -1.38 0.00	60.03 -0.84 0.00	54.45 -0.96 0.00	46.16 -1.33 0.00	42.49 -1.20 0.00	37.94 -1.01 0.00	31.80 -1.04 0.00	27.63 -0.75 0.00	26.74 -0.66 0.00	26.70 -0.84 0.00	36.31 -0.30 0.00	34.78 -0.51 0.00	30.67 -0.64 0.00	27.96 -0.39 0.00	36.01 -0.61 0.00	39.10 -1.03 0.00	38.85 -1.61 0.00	38.07 -1.96 0.00	35.65 -1.70 0.00	37.69 -1.57 0.00	37.20 -1.39 0.00	38.95 -0.74 0.00	40.11 -1.09 0.00
NEG WEST_LEA_LOCKPORT 23791	59.24 -2.81 0.00	56.37 -2.82 0.00	58.54 -2.33 0.00	53.26 -2.15 0.00	45.28 -2.22 0.00	41.63 -2.06 0.00	36.75 -2.29 -0.08	30.43 -2.41 0.00	26.57 -1.81 0.00	24.10 -1.86 1.43	25.31 -2.22 0.00	33.68 -2.93 0.00	32.27 -3.02 0.00	25.38 -2.80 3.13	24.38 -2.83 1.15	33.21 -3.59 -0.19	36.58 -3.95 -0.39	36.45 -3.64 0.37	33.25 -3.51 3.27	26.82 -3.23 7.30	30.95 -3.39 4.92	34.96 -3.47 0.16	38.16 -3.24 -1.72	38.76 -3.41 -0.96
NEG WEST___LANCASTER 23811	62.12 0.08 0.00	59.18 0.00 0.00	61.47 0.59 0.00	55.94 0.53 0.00	47.58 0.08 0.00	43.52 -0.17 0.00	38.53 -0.52 -0.10	32.01 -0.82 0.00	27.82 -0.56 0.00	25.17 -0.46 1.77	26.85 -0.69 0.00	35.77 -0.83 0.00	34.29 -1.00 0.00	27.12 -0.99 3.20	26.19 -1.09 1.07	35.46 -1.38 -0.22	39.07 -1.52 -0.46	38.92 -1.27 0.27	35.62 -1.11 3.29	28.56 -1.12 7.67	33.11 -1.08 5.06	37.15 -1.27 0.16	40.50 -1.17 -1.98	41.22 -1.09 -1.11
NEG_PENN_ALLEGHNY 23528	62.32 0.28 0.00	59.43 0.24 0.00	61.19 0.32 0.00	55.71 0.30 0.00	47.78 0.28 0.00	43.88 0.19 0.00	38.94 0.18 0.19	31.73 0.07 1.17	28.14 0.04 0.27	27.32 0.03 0.10	26.91 0.00 0.63	36.57 0.07 0.11	35.04 0.00 0.25	31.98 -0.01 -0.68	31.38 -0.02 -3.05	37.07 0.02 -0.43	41.04 0.11 -0.80	40.65 0.18 -0.01	40.36 0.22 -0.11	36.89 0.11 0.57	40.27 0.16 -0.85	38.39 0.02 0.22	43.18 0.07 -3.42	43.43 0.12 -2.11
NEG___GEN_MONROE 24207	60.86 -1.18 0.00	57.97 -1.22 0.00	60.01 -0.86 0.00	54.64 -0.77 0.00	46.69 -0.81 0.00	42.87 -0.82 0.00	38.04 -0.98 -0.07	31.70 -1.13 0.00	27.56 -0.82 0.00	25.44 -0.95 1.00	26.36 -1.17 0.00	35.17 -1.44 0.00	33.78 -1.52 0.00	29.53 -1.46 0.32	27.47 -1.51 -0.62	34.98 -1.80 -0.16	38.63 -1.87 -0.36	39.34 -1.65 -0.53	38.35 -1.62 0.06	34.30 -1.55 1.50	36.92 -1.66 0.69	36.91 -1.64 0.03	39.54 -1.59 -1.44	40.31 -1.70 -0.80

NEPA__ENERGY 23901	60.36 -1.68 0.00	57.50 -1.69 0.00	59.71 -1.16 0.00	54.35 -1.06 0.00	46.21 -1.28 0.00	42.39 -1.30 0.00	37.43 -1.61 -0.09	30.98 -1.86 0.00	27.01 -1.37 0.00	24.27 -1.41 1.72	25.82 -1.72 0.00	34.33 -2.28 0.00	32.95 -2.34 0.00	24.71 -2.22 4.37	24.20 -2.22 1.94	34.05 -2.78 -0.21	37.46 -3.09 -0.41	36.85 -2.88 0.74	32.57 -2.78 4.67	24.73 -2.67 9.95	29.64 -2.82 6.80	35.49 -2.87 0.22	38.94 -2.65 -1.89	39.63 -2.63 -1.06
NEVERSINK__HYD 23608	65.19 3.15 0.00	62.17 2.98 0.00	63.94 3.07 0.00	58.25 2.85 0.00	50.07 2.57 0.00	46.09 2.40 0.00	42.15 2.33 -0.86	35.82 2.02 -0.96	30.27 1.67 -0.22	29.03 1.56 -0.08	29.62 1.57 -0.51	38.60 1.91 -0.09	37.34 1.84 -0.21	35.92 1.70 -2.91	39.34 1.68 -9.32	38.78 2.17 0.01	45.87 2.59 -3.14	51.28 2.80 -8.02	49.98 2.76 -7.20	42.51 2.51 -2.66	44.25 2.58 -2.41	41.29 2.50 -0.21	53.70 2.52 -11.49	49.98 2.51 -6.27
NEWKRMKL_115KV_TB1 55635	63.34 1.30 0.00	60.48 1.30 0.00	62.03 1.15 0.00	56.51 1.10 0.00	48.38 0.88 0.00	44.47 0.78 0.00	41.38 0.79 -1.64	36.31 0.71 -2.76	29.63 0.61 -0.64	28.38 0.74 -0.24	29.79 0.78 -1.47	37.86 1.00 -0.25	36.92 1.03 -0.60	36.52 0.91 -4.29	42.04 0.78 -12.91	39.27 0.99 -1.66	45.77 1.12 -4.51	54.66 1.09 -13.11	52.91 1.08 -11.80	43.11 0.97 -4.79	43.61 1.06 -3.29	40.14 1.03 -0.52	57.00 1.09 -16.22	50.87 1.03 -8.64
NEWTON__FALLS_HYD 23847	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.45 0.00	34.76 -0.53 0.00	30.78 -0.62 -0.09	28.04 -0.62 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.39 -1.99 -0.03	37.25 -2.06 -0.04	36.70 -1.89 0.00	37.98 -1.90 -0.20	39.30 -2.02 -0.11
NGRID_A1_DSASP 323792	58.61 -3.43 0.00	55.80 -3.39 0.00	57.99 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.49 0.00	36.36 -2.67 -0.09	30.10 -2.73 0.00	26.27 -2.11 0.00	23.77 -2.17 1.46	25.08 -2.46 0.00	33.14 -3.46 0.00	31.75 -3.54 0.00	24.86 -3.28 3.17	23.88 -3.28 1.19	32.62 -4.19 -0.19	35.86 -4.67 -0.40	35.66 -4.44 0.37	32.36 -4.36 3.31	25.94 -3.97 7.43	30.07 -4.21 4.98	34.28 -4.15 0.16	37.55 -3.89 -1.75	38.11 -4.07 -0.98
NGRID_A2_DSASP 323793	58.61 -3.43 0.00	55.80 -3.39 0.00	57.99 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.49 0.00	36.36 -2.67 -0.09	30.10 -2.73 0.00	26.27 -2.11 0.00	23.77 -2.17 1.46	25.08 -2.46 0.00	33.14 -3.46 0.00	31.75 -3.54 0.00	24.86 -3.28 3.17	23.88 -3.28 1.19	32.62 -4.19 -0.19	35.86 -4.67 -0.40	35.66 -4.44 0.37	32.36 -4.36 3.31	25.94 -3.97 7.43	30.07 -4.21 4.98	34.28 -4.15 0.16	37.55 -3.89 -1.75	38.11 -4.07 -0.98
NGRID_A4_DSASP 323807	58.61 -3.43 0.00	55.80 -3.39 0.00	57.99 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.49 0.00	36.36 -2.67 -0.09	30.10 -2.73 0.00	26.27 -2.11 0.00	23.77 -2.17 1.46	25.08 -2.46 0.00	33.14 -3.46 0.00	31.75 -3.54 0.00	24.86 -3.28 3.17	23.88 -3.28 1.19	32.62 -4.19 -0.19	35.86 -4.67 -0.40	35.66 -4.44 0.37	32.36 -4.36 3.31	25.94 -3.97 7.43	30.07 -4.21 4.98	34.28 -4.15 0.16	37.55 -3.89 -1.75	38.11 -4.07 -0.98
NIAGARA_115E_LBMP 323715	58.22 -3.82 0.00	55.42 -3.77 0.00	57.57 -3.30 0.00	52.35 -3.06 0.00	44.52 -2.98 0.00	40.93 -2.76 0.00	36.09 -2.95 -0.09	29.89 -2.95 0.00	26.12 -2.26 0.00	23.64 -2.28 1.47	24.87 -2.67 0.00	33.04 -3.57 0.00	31.66 -3.63 0.00	24.95 -3.21 3.15	24.01 -3.26 1.10	32.58 -4.23 -0.19	35.84 -4.69 -0.40	35.76 -4.34 0.36	32.65 -4.09 3.29	26.29 -3.74 7.33	30.45 -3.85 4.96	34.27 -4.15 0.16	37.53 -3.91 -1.75	38.08 -4.11 -0.98
NIAGARA_115W_LBMP 323714	58.52 -3.52 0.00	55.71 -3.47 0.00	57.92 -2.96 0.00	52.66 -2.75 0.00	44.77 -2.73 0.00	41.13 -2.56 0.00	36.30 -2.73 -0.09	30.06 -2.78 0.00	26.23 -2.15 0.00	23.74 -2.20 1.46	25.03 -2.50 0.00	33.08 -3.53 0.00	31.68 -3.61 0.00	24.83 -3.33 3.16	23.85 -3.32 1.18	32.56 -4.25 -0.19	35.79 -4.74 -0.40	35.59 -4.51 0.36	32.31 -4.43 3.29	25.92 -4.03 7.40	30.02 -4.29 4.95	34.20 -4.23 0.16	37.47 -3.96 -1.74	38.04 -4.14 -0.98
NIAGARA_230_LBMP 323716	58.71 -3.33 0.00	55.90 -3.29 0.00	58.10 -2.77 0.00	52.84 -2.57 0.00	44.92 -2.58 0.00	41.26 -2.43 0.00	36.44 -2.60 -0.08	30.19 -2.65 0.00	26.32 -2.06 0.00	23.88 -2.09 1.42	25.17 -2.36 0.00	33.46 -3.15 0.00	32.05 -3.24 0.00	25.26 -3.05 2.99	24.18 -3.08 1.09	32.97 -3.84 -0.19	36.24 -4.28 -0.39	36.10 -4.05 0.31	32.95 -3.98 3.11	26.54 -3.74 7.07	30.69 -3.85 4.71	34.62 -3.81 0.15	37.84 -3.58 -1.72	38.45 -3.72 -0.96
NIAGARA__115KV_198_GIBSON 55903	58.52 -3.52 0.00	55.71 -3.47 0.00	57.92 -2.96 0.00	52.66 -2.75 0.00	44.77 -2.73 0.00	41.13 -2.56 0.00	36.30 -2.74 -0.09	30.03 -2.80 0.00	26.23 -2.15 0.00	23.75 -2.19 1.46	25.01 -2.52 0.00	33.07 -3.53 0.00	31.69 -3.61 0.00	24.81 -3.34 3.16	23.84 -3.33 1.18	32.52 -4.29 -0.19	35.76 -4.77 -0.40	35.56 -4.55 0.36	32.30 -4.45 3.29	25.95 -4.01 7.40	30.00 -4.31 4.95	34.19 -4.23 0.16	37.46 -3.97 -1.74	38.02 -4.15 -0.98
NIAGARA____ 23760	58.71 -3.33 0.00	55.90 -3.29 0.00	58.10 -2.77 0.00	52.84 -2.57 0.00	44.92 -2.58 0.00	41.26 -2.43 0.00	36.44 -2.60 -0.08	30.19 -2.65 0.00	26.32 -2.06 0.00	23.87 -2.09 1.43	25.17 -2.36 0.00	33.46 -3.15 0.00	32.05 -3.24 0.00	25.23 -3.05 3.03	24.18 -3.08 1.10	32.97 -3.84 -0.19	36.24 -4.28 -0.39	36.08 -4.05 0.33	32.90 -3.98 3.15	26.47 -3.74 7.13	30.63 -3.85 4.77	34.62 -3.81 0.15	37.85 -3.58 -1.74	38.46 -3.72 -0.97
NINE_MILE_1 23575	60.24 -1.80 0.00	57.43 -1.76 0.00	59.12 -1.75 0.00	53.80 -1.61 0.00	46.09 -1.41 0.00	42.37 -1.32 0.00	37.68 -1.31 -0.04	31.70 -1.13 0.00	27.43 -0.95 0.00	26.44 -0.95 0.00	26.54 -1.00 0.00	35.29 -1.32 0.00	34.02 -1.27 0.00	30.36 -1.13 -0.18	27.91 -1.05 -0.60	35.36 -1.34 -0.08	38.81 -1.52 -0.19	39.34 -1.52 -0.39	38.91 -1.49 -0.37	36.12 -1.34 -0.10	37.96 -1.46 -0.16	37.16 -1.43 0.00	38.91 -1.51 -0.74	40.11 -1.50 -0.41
NINE_MILE_2 23744	60.24 -1.80 0.00	57.44 -1.74 0.00	59.12 -1.75 0.00	53.80 -1.61 0.00	46.09 -1.41 0.00	42.37 -1.32 0.00	37.68 -1.31 -0.04	31.70 -1.13 0.00	27.43 -0.95 0.00	26.45 -0.95 0.00	26.54 -1.00 0.00	35.29 -1.32 0.00	34.02 -1.27 0.00	30.36 -1.13 -0.18	27.91 -1.05 -0.60	35.36 -1.34 -0.08	38.82 -1.51 -0.19	39.34 -1.52 -0.39	38.91 -1.49 -0.36	36.12 -1.34 -0.10	37.96 -1.46 -0.16	37.16 -1.43 0.00	38.91 -1.51 -0.74	40.11 -1.50 -0.41
NM_CAPITAL__DRP 24208	63.40 1.36 0.00	60.55 1.37 0.00	62.06 1.19 0.00	56.56 1.15 0.00	48.47 0.97 0.00	44.59 0.90 0.00	41.50 0.89 -1.66	36.45 0.80 -2.81	29.71 0.68 -0.65	28.45 0.81 -0.25	29.89 0.85 -1.50	37.95 1.09 -0.25	37.01 1.11 -0.61	36.61 1.01 -4.30	42.10 0.86 -12.88	39.36 1.08 -1.66	45.87 1.22 -4.52	54.83 1.17 -13.19	53.06 1.17 -11.87	43.23 1.05 -4.84	43.71 1.17 -3.28	40.26 1.15 -0.53	57.11 1.22 -16.20	50.97 1.15 -8.62

NM_CENTRAL___DRP 24181	61.41 -0.63 0.00	58.54 -0.64 0.00	60.25 -0.63 0.00	54.84 -0.57 0.00	46.99 -0.50 0.00	43.23 -0.46 0.00	38.48 -0.52 -0.05	32.36 -0.48 0.00	27.99 -0.39 0.00	26.98 -0.42 0.00	27.06 -0.47 0.00	35.98 -0.63 0.00	34.69 -0.60 0.00	31.04 -0.53 -0.25	28.73 -0.49 -0.87	36.14 -0.60 -0.12	39.75 -0.66 -0.28	40.40 -0.63 -0.57	39.95 -0.61 -0.53	36.95 -0.55 -0.15	38.87 -0.62 -0.23	37.95 -0.63 0.00	40.06 -0.70 -1.06	41.10 -0.70 -0.60
NM_FRONTIER___DRP 24179	58.52 -3.52 0.00	55.71 -3.47 0.00	57.92 -2.96 0.00	52.66 -2.75 0.00	44.77 -2.73 0.00	41.13 -2.56 0.00	36.30 -2.74 -0.09	30.03 -2.80 0.00	26.23 -2.15 0.00	23.75 -2.19 1.46	25.01 -2.52 0.00	33.07 -3.53 0.00	31.69 -3.61 0.00	24.81 -3.34 3.16	23.84 -3.33 1.18	32.52 -4.29 -0.19	35.76 -4.77 -0.40	35.56 -4.55 0.36	32.30 -4.45 3.29	25.95 -4.01 7.40	30.00 -4.31 4.95	34.19 -4.23 0.16	37.46 -3.97 -1.74	38.02 -4.15 -0.98
NM_ST_REGIS___HYD 24053	60.60 -1.44 0.00	57.86 -1.33 0.00	60.00 -0.87 0.00	54.22 -1.18 0.00	45.96 -1.54 0.00	42.34 -1.35 0.00	37.68 -1.29 -0.01	31.56 -1.28 0.00	27.46 -0.92 0.00	26.59 -0.81 0.00	26.64 -0.90 0.00	36.14 -0.46 0.00	34.60 -0.70 0.00	30.52 -0.85 -0.06	27.87 -0.70 -0.21	35.74 -0.91 -0.03	38.99 -1.21 -0.07	38.81 -1.79 -0.14	37.90 -2.16 -0.04	35.37 -1.98 0.00	37.37 -1.89 0.00	36.95 -1.63 0.00	38.53 -1.16 0.00	39.81 -1.40 0.00
NORTHPORT___1 23551	65.57 3.53 0.00	62.83 3.65 0.00	63.95 3.08 0.00	58.68 3.27 0.00	50.42 2.92 0.00	46.35 2.65 0.00	45.09 2.80 -3.34	43.46 2.28 -8.35	32.35 2.05 -1.93	29.91 1.78 -0.73	34.09 2.10 -4.45	39.98 2.61 -0.76	39.58 2.48 -1.81	38.65 2.38 -4.96	42.28 2.25 -11.68	53.94 2.87 -14.45	48.64 3.58 -4.93	65.88 3.72 -21.70	62.51 3.26 -19.21	49.91 2.82 -9.75	44.81 2.79 -2.76	43.10 2.94 -1.57	58.59 2.90 -16.00	51.80 2.99 -7.61
NORTHPORT___2 23552	65.57 3.53 0.00	62.83 3.65 0.00	63.95 3.08 0.00	58.68 3.27 0.00	50.42 2.92 0.00	46.35 2.65 0.00	45.09 2.80 -3.34	43.46 2.28 -8.35	32.35 2.05 -1.93	29.91 1.78 -0.73	34.09 2.10 -4.45	39.98 2.61 -0.76	39.58 2.48 -1.81	38.65 2.38 -4.96	42.28 2.25 -11.68	53.94 2.87 -14.45	48.64 3.58 -4.93	65.88 3.72 -21.70	62.51 3.26 -19.21	49.91 2.82 -9.75	44.81 2.79 -2.76	43.10 2.94 -1.57	58.59 2.90 -16.00	51.80 2.99 -7.61
NORTHPORT___3 23553	64.89 2.85 0.00	62.13 2.94 0.00	63.34 2.46 0.00	58.02 2.61 0.00	49.87 2.37 0.00	45.91 2.21 0.00	44.65 2.36 -3.34	43.13 1.94 -8.35	32.06 1.75 -1.93	29.65 1.52 -0.73	33.76 1.78 -4.45	39.57 2.21 -0.76	39.20 2.10 -1.81	38.31 2.03 -4.96	41.97 1.93 -11.68	53.62 2.47 -14.54	48.14 3.08 -4.93	65.35 3.19 -21.70	62.11 2.87 -19.21	49.57 2.47 -9.75	44.45 2.43 -2.76	42.70 2.54 -1.57	58.22 2.53 -16.00	51.33 2.52 -7.61
NORTHPORT___4 23650	64.89 2.85 0.00	62.13 2.94 0.00	63.34 2.46 0.00	58.02 2.61 0.00	49.87 2.37 0.00	45.91 2.21 0.00	44.65 2.36 -3.34	43.13 1.94 -8.35	32.06 1.75 -1.93	29.65 1.52 -0.73	33.76 1.78 -4.45	39.57 2.21 -0.76	39.20 2.10 -1.81	38.31 2.03 -4.96	41.97 1.93 -11.68	53.62 2.47 -14.54	48.14 3.08 -4.93	65.35 3.19 -21.70	62.11 2.87 -19.21	49.57 2.47 -9.75	44.45 2.43 -2.76	42.70 2.54 -1.57	58.22 2.53 -16.00	51.33 2.52 -7.61
NORTHPORT___IC 23718	65.58 3.54 0.00	62.84 3.65 0.00	63.95 3.08 0.00	58.68 3.27 0.00	50.41 2.92 0.00	46.35 2.65 0.00	45.09 2.80 -3.34	43.46 2.28 -8.35	32.35 2.05 -1.93	29.91 1.78 -0.73	34.09 2.11 -4.45	39.98 2.61 -0.76	39.58 2.47 -1.81	38.65 2.38 -4.96	42.28 2.24 -11.68	53.94 2.86 -14.45	48.64 3.58 -4.93	65.88 3.73 -21.70	62.50 3.26 -19.21	49.91 2.82 -9.75	44.81 2.79 -2.76	43.10 2.94 -1.57	58.59 2.90 -16.00	51.80 2.99 -7.61
NORTH___COUNTRY_ESR 323785	59.15 -2.89 0.00	56.67 -2.52 0.00	58.86 -2.01 0.00	53.33 -2.08 0.00	45.19 -2.31 0.00	41.65 -2.05 0.00	37.09 -1.86 0.00	31.04 -1.79 0.00	26.99 -1.39 0.00	26.11 -1.29 0.00	26.08 -1.46 0.00	35.46 -1.14 0.00	33.96 -1.33 0.00	29.98 -1.33 0.00	27.29 -1.06 0.00	35.15 -1.47 0.00	38.16 -1.97 0.00	37.86 -2.60 0.00	37.09 -2.94 0.00	34.77 -2.58 0.00	36.74 -2.52 0.00	36.33 -2.26 0.00	38.07 -1.63 0.00	39.24 -1.96 0.00
NPX_GEN_1385_PROXY 323591	65.50 3.46 0.00	62.88 3.70 0.00	63.13 2.26 0.00	58.64 3.23 0.00	50.37 2.87 0.00	46.24 2.54 0.00	45.37 3.08 -3.34	43.70 2.51 -8.35	32.49 2.18 -1.93	29.47 1.34 -0.73	33.77 1.78 -4.45	39.78 2.42 -0.76	39.28 2.18 -1.81	38.49 2.22 -4.96	42.17 2.14 -11.68	53.79 2.72 -14.45	48.87 3.81 -4.93	66.37 4.21 -21.70	62.90 3.65 -19.21	50.16 3.07 -9.75	44.91 2.89 -2.76	43.19 3.03 -1.57	58.43 2.73 -16.00	52.07 3.26 -7.61
NPX_GEN_CSC 323557	65.16 3.12 0.00	62.70 3.51 0.00	63.25 2.38 0.00	58.12 2.71 0.00	50.04 2.55 0.00	46.12 2.43 0.00	45.18 2.89 -3.34	43.34 2.15 -8.35	32.50 2.19 -1.93	29.83 1.70 -0.73	34.09 2.11 -4.45	39.87 2.51 -0.76	39.50 2.40 -1.81	38.57 2.31 -4.96	42.22 2.19 -11.68	54.06 2.86 -14.58	48.52 3.45 -4.93	65.61 3.45 -21.70	62.46 3.21 -19.21	49.90 2.80 -9.75	44.53 2.50 -2.76	42.98 2.82 -1.57	58.47 2.78 -16.00	51.53 2.71 -7.61
NSINS_S___GLNS_FALLS 23858	66.05 4.02 0.00	63.09 3.90 0.00	64.57 3.70 0.00	58.84 3.43 0.00	50.63 3.13 0.00	46.72 3.03 0.00	43.53 2.99 -1.59	38.03 2.65 -2.54	31.18 2.22 -0.59	29.69 2.08 -0.22	31.06 2.17 -1.35	39.78 2.95 -0.23	38.71 2.86 -0.55	38.19 2.55 -4.34	43.90 2.36 -13.19	41.33 3.01 -1.70	48.20 3.50 -4.57	56.85 3.46 -12.93	55.14 3.46 -11.65	45.10 3.12 -4.63	45.88 3.25 -3.37	42.17 3.11 -0.48	59.50 3.30 -16.51	53.24 3.21 -8.83
NUCOR_STEEL___DRP 24197	62.03 -0.01 0.00	59.09 -0.10 0.00	60.81 -0.07 0.00	55.34 -0.07 0.00	47.43 -0.07 0.00	43.60 -0.09 0.00	38.90 -0.12 -0.07	32.80 -0.04 0.00	28.35 -0.03 0.00	27.83 -0.14 -0.58	27.34 -0.20 0.00	36.46 -0.14 0.00	35.18 -0.11 0.00	31.54 -0.12 -0.35	29.47 -0.13 -1.25	36.68 -0.10 -0.16	40.46 -0.05 -0.38	41.09 -0.15 -0.78	40.76 0.02 -0.72	37.69 -0.09 -0.43	39.55 -0.03 -0.32	38.53 -0.06 0.00	40.89 -0.24 -1.45	41.93 -0.09 -0.81
NUMBER_THREE_WT_PWR 323818	61.26 -0.78 0.00	57.80 -1.39 0.00	59.35 -1.52 0.00	53.49 -1.92 0.00	45.78 -1.72 0.00	42.38 -1.32 0.00	37.61 -1.37 -0.02	31.73 -1.11 0.00	27.49 -0.89 0.00	26.66 -0.73 0.00	26.86 -0.68 0.00	36.54 -0.07 0.00	35.28 -0.02 0.00	31.33 -0.08 -0.11	28.42 -0.30 -0.37	36.20 -0.47 -0.05	39.58 -0.67 -0.11	39.57 -1.13 -0.24	38.74 -1.45 -0.15	35.88 -1.51 -0.04	37.68 -1.64 -0.06	37.09 -1.50 0.00	37.97 -1.99 -0.27	39.33 -2.02 -0.15
NYISO_LBMP_REFERENCE 24008	62.04 0.00 0.00	59.19 0.00 0.00	60.87 0.00 0.00	55.41 0.00 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.95 0.00 0.00	32.83 0.00 0.00	28.38 0.00 0.00	27.39 0.00 0.00	27.54 0.00 0.00	36.61 0.00 0.00	35.29 0.00 0.00	31.31 0.00 0.00	28.35 0.00 0.00	36.62 0.00 0.00	40.13 0.00 0.00	40.46 0.00 0.00	40.03 0.00 0.00	37.35 0.00 0.00	39.26 0.00 0.00	38.58 0.00 0.00	39.69 0.00 0.00	41.20 0.00 0.00



OAK ORCHARD___HYD 24046	60.44 -1.60 0.00	57.56 -1.63 0.00	59.54 -1.33 0.00	54.15 -1.25 0.00	46.22 -1.28 0.00	42.50 -1.19 0.00	37.73 -1.29 -0.07	31.52 -1.32 0.00	27.38 -1.00 0.00	25.32 -1.10 0.98	26.30 -1.24 0.00	35.02 -1.58 0.00	33.65 -1.64 0.00	30.08 -1.57 -0.34	27.82 -1.61 -1.07	34.85 -1.93 -0.15	38.44 -2.06 -0.37	39.34 -1.89 -0.76	38.86 -1.88 -0.71	35.37 -1.81 0.17	37.67 -1.90 -0.31	36.73 -1.85 0.00	39.31 -1.80 -1.42	40.10 -1.90 -0.80
OAKDALE___35_KV_LOAD 356122	62.29 0.25 0.00	59.38 0.19 0.00	61.16 0.29 0.00	55.68 0.28 0.00	47.74 0.25 0.00	43.85 0.16 0.00	38.91 0.14 0.19	31.72 0.05 1.17	28.12 0.01 0.27	27.31 0.02 0.10	26.90 -0.02 0.62	36.54 0.04 0.11	35.01 -0.03 0.25	32.50 -0.04 -1.23	31.73 -0.05 -3.42	37.03 -0.01 -0.43	41.00 0.06 -0.81	40.78 0.11 -0.21	40.96 0.17 -0.76	37.94 0.05 -0.54	41.04 0.11 -1.67	38.38 -0.01 0.20	43.14 0.04 -3.41	43.40 0.10 -2.10
OCC_CHEM___DRP 24175	58.61 -3.43 0.00	55.80 -3.39 0.00	57.98 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.50 0.00	36.37 -2.67 -0.09	30.08 -2.76 0.00	26.27 -2.11 0.00	23.77 -2.16 1.46	25.05 -2.49 0.00	33.14 -3.47 0.00	31.76 -3.54 0.00	24.84 -3.29 3.17	23.88 -3.28 1.19	32.59 -4.22 -0.19	35.84 -4.69 -0.40	35.63 -4.47 0.37	32.35 -4.37 3.31	25.96 -3.95 7.43	30.03 -4.25 4.98	34.27 -4.16 0.16	37.54 -3.89 -1.75	38.10 -4.08 -0.98
OH_GEN_PROXY 24063	58.79 -3.25 0.00	56.00 -3.19 0.00	58.19 -2.69 0.00	52.92 -2.48 0.00	45.00 -2.50 0.00	41.31 -2.38 0.00	36.52 -2.52 -0.08	30.29 -2.55 0.00	26.38 -2.00 0.00	23.95 -2.02 1.42	25.27 -2.26 0.00	33.61 -3.00 0.00	32.20 -3.09 0.00	25.71 -2.93 2.67	24.54 -2.96 0.86	33.12 -3.69 -0.19	36.43 -4.10 -0.40	36.38 -3.90 0.18	33.49 -3.81 2.73	27.30 -3.62 6.43	31.33 -3.70 4.23	34.79 -3.66 0.14	37.97 -3.46 -1.74	38.59 -3.58 -0.97
OLIN_CORP_DRP 24177	58.34 -3.70 0.00	55.52 -3.66 0.00	57.67 -3.20 0.00	52.44 -2.96 0.00	44.60 -2.90 0.00	41.01 -2.68 0.00	36.16 -2.88 -0.09	29.93 -2.90 0.00	26.16 -2.22 0.00	23.68 -2.23 1.49	24.91 -2.63 0.00	33.12 -3.49 0.00	31.75 -3.54 0.00	24.90 -3.20 3.22	24.00 -3.21 1.15	32.62 -4.19 -0.19	35.90 -4.63 -0.40	35.78 -4.31 0.38	32.57 -4.10 3.36	26.14 -3.73 7.47	30.29 -3.91 5.06	34.35 -4.07 0.16	37.60 -3.85 -1.76	38.14 -4.05 -0.99
OLIN_CORP_DSASP 323712	58.61 -3.43 0.00	55.80 -3.39 0.00	57.99 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.49 0.00	36.36 -2.67 -0.09	30.10 -2.73 0.00	26.27 -2.11 0.00	23.77 -2.17 1.46	25.08 -2.46 0.00	33.14 -3.46 0.00	31.75 -3.54 0.00	24.86 -3.28 3.17	23.88 -3.28 1.19	32.62 -4.19 -0.19	35.86 -4.67 -0.40	35.66 -4.44 0.37	32.36 -4.36 3.31	25.94 -3.97 7.43	30.07 -4.21 4.98	34.28 -4.15 0.16	37.55 -3.89 -1.75	38.11 -4.07 -0.98
ONEIDA_HERK_LFGE 323681	62.50 0.46 0.00	59.34 0.15 0.00	61.00 0.12 0.00	55.31 -0.10 0.00	47.39 -0.11 0.00	43.72 0.03 0.00	38.94 -0.03 -0.02	32.86 0.02 0.00	28.43 0.05 0.00	27.44 0.05 0.00	27.62 0.08 0.00	37.06 0.45 0.00	35.76 0.47 0.00	31.82 0.42 -0.09	28.95 0.29 -0.31	37.03 0.37 -0.04	40.61 0.37 -0.10	40.85 0.18 -0.20	40.21 0.02 -0.16	37.34 -0.05 -0.04	39.26 -0.06 -0.07	38.52 -0.07 0.00	39.71 -0.27 -0.29	41.04 -0.33 -0.16
ONEIDA___115KV_TB4 55905	63.13 1.10 0.00	60.21 1.03 0.00	61.99 1.11 0.00	56.36 0.95 0.00	48.34 0.84 0.00	44.53 0.84 0.00	39.72 0.74 -0.03	33.48 0.65 0.00	28.94 0.56 0.00	27.80 0.41 0.00	27.95 0.41 0.00	37.27 0.66 0.00	35.94 0.65 0.00	32.08 0.60 -0.17	29.52 0.60 -0.57	37.53 0.84 -0.07	41.25 0.94 -0.18	41.65 0.82 -0.37	41.12 0.76 -0.33	38.10 0.66 -0.09	40.08 0.68 -0.14	39.19 0.60 0.00	40.90 0.54 -0.67	42.09 0.52 -0.37
ONONDAGA_REF_OCCRA 23987	61.84 -0.20 0.00	58.94 -0.24 0.00	60.66 -0.21 0.00	55.20 -0.21 0.00	47.32 -0.18 0.00	43.50 -0.20 0.00	38.77 -0.24 -0.06	32.59 -0.24 0.00	28.19 -0.19 0.00	27.59 -0.22 -0.42	27.27 -0.27 0.00	36.26 -0.35 0.00	34.96 -0.34 0.00	31.33 -0.30 -0.32	29.20 -0.28 -1.12	36.45 -0.31 -0.14	40.16 -0.32 -0.34	40.88 -0.28 -0.70	40.42 -0.25 -0.65	37.45 -0.25 -0.35	39.26 -0.29 -0.29	38.26 -0.33 0.00	40.63 -0.38 -1.31	41.58 -0.36 -0.74
ONONDAGA___COGEN 23986	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
ONTARIO___LFGE 23819	61.76 -0.28 0.00	58.83 -0.36 0.00	60.55 -0.33 0.00	55.12 -0.29 0.00	47.26 -0.24 0.00	43.41 -0.28 0.00	38.71 -0.33 -0.08	32.42 -0.42 0.00	28.07 -0.31 0.00	25.04 -0.36 1.99	27.07 -0.46 0.00	36.04 -0.56 0.00	34.70 -0.59 0.00	33.18 -0.59 -2.47	30.39 -0.58 -2.62	36.20 -0.60 -0.19	40.15 -0.47 -0.48	41.81 -0.32 -1.66	42.99 -0.27 -3.23	40.47 -0.41 -3.52	42.26 -0.43 -3.44	38.17 -0.51 -0.09	40.91 -0.49 -1.71	41.70 -0.46 -0.96
ORANGEVILLE_WT_PWR 323706	59.36 -2.68 0.00	56.56 -2.62 0.00	58.44 -2.44 0.00	53.28 -2.13 0.00	45.40 -2.10 0.00	41.67 -2.02 0.00	36.86 -2.20 -0.10	30.53 -2.30 0.00	26.54 -1.84 0.00	23.21 -1.89 2.29	25.38 -2.15 0.00	33.82 -2.79 0.00	32.45 -2.85 0.00	15.07 -2.66 13.58	17.60 -2.56 8.20	33.75 -3.10 -0.23	37.17 -3.28 -0.32	33.39 -3.11 3.97	21.63 -3.08 15.31	5.83 -3.03 28.49	15.63 -3.07 20.56	34.74 -3.22 0.63	38.78 -3.05 -2.13	39.41 -2.98 -1.20
ORANGEVILLE___ESR 323794	59.36 -2.68 0.00	56.56 -2.62 0.00	58.44 -2.44 0.00	53.28 -2.13 0.00	45.40 -2.10 0.00	41.67 -2.02 0.00	36.86 -2.20 -0.10	30.53 -2.30 0.00	26.54 -1.84 0.00	23.21 -1.89 2.29	25.38 -2.15 0.00	33.82 -2.79 0.00	32.45 -2.85 0.00	15.07 -2.66 13.58	17.60 -2.56 8.20	33.75 -3.10 -0.23	37.17 -3.28 -0.32	33.39 -3.11 3.97	21.63 -3.08 15.31	5.83 -3.03 28.49	15.63 -3.07 20.56	34.74 -3.22 0.63	38.78 -3.05 -2.13	39.41 -2.98 -1.20
OSWEGATCHIE___HYD 24044	60.84 -1.20 0.00	57.75 -1.44 0.00	59.53 -1.34 0.00	53.74 -1.67 0.00	45.79 -1.71 0.00	42.24 -1.45 0.00	37.50 -1.47 -0.02	31.53 -1.31 0.00	27.36 -1.02 0.00	26.56 -0.83 0.00	26.64 -0.90 0.00	36.16 -0.44 0.00	34.76 -0.53 0.00	30.77 -0.63 -0.09	28.05 -0.61 -0.31	35.82 -0.84 -0.04	39.15 -1.09 -0.10	39.04 -1.62 -0.20	38.23 -1.92 -0.12	35.42 -1.96 -0.03	37.25 -2.06 -0.04	36.69 -1.89 0.00	37.99 -1.90 -0.20	39.30 -2.02 -0.11
OSWEGO___5 23606	60.65 -1.39 0.00	57.83 -1.36 0.00	59.51 -1.36 0.00	54.15 -1.26 0.00	46.41 -1.09 0.00	42.66 -1.03 0.00	37.97 -1.03 -0.04	31.94 -0.90 0.00	27.63 -0.75 0.00	26.64 -0.76 0.00	26.73 -0.81 0.00	35.55 -1.06 0.00	34.27 -1.03 0.00	30.60 -0.91 -0.20	28.21 -0.85 -0.70	35.64 -1.08 -0.09	39.16 -1.20 -0.22	39.71 -1.20 -0.46	39.28 -1.17 -0.43	36.40 -1.07 -0.12	38.29 -1.15 -0.19	37.46 -1.13 0.00	39.35 -1.20 -0.86	40.48 -1.20 -0.48

OSWEGO___6 23613	60.65 -1.39 0.00	57.83 -1.36 0.00	59.51 -1.36 0.00	54.15 -1.26 0.00	46.41 -1.09 0.00	42.66 -1.03 0.00	37.97 -1.03 -0.04	31.94 -0.90 0.00	27.63 -0.75 0.00	26.64 -0.76 0.00	26.73 -0.81 0.00	35.55 -1.06 0.00	34.27 -1.03 0.00	30.60 -0.91 -0.20	28.21 -0.85 -0.70	35.64 -1.08 -0.09	39.16 -1.20 -0.22	39.71 -1.20 -0.46	39.28 -1.17 -0.43	36.40 -1.07 -0.12	38.29 -1.15 -0.19	37.46 -1.13 0.00	39.35 -1.20 -0.86	40.48 -1.20 -0.48
OUTOKUMPU-AB___DRP 24206	59.87 -2.17 0.00	56.98 -2.21 0.00	59.15 -1.72 0.00	53.82 -1.59 0.00	45.76 -1.74 0.00	42.06 -1.64 0.00	37.14 -1.90 -0.09	30.78 -2.06 0.00	26.85 -1.52 0.00	24.29 -1.59 1.51	25.62 -1.92 0.00	34.00 -2.60 0.00	32.60 -2.70 0.00	25.38 -2.53 3.40	24.46 -2.58 1.32	33.56 -3.25 -0.19	36.95 -3.59 -0.40	36.72 -3.31 0.43	33.27 -3.20 3.56	26.52 -2.93 7.89	30.82 -3.11 5.32	35.27 -3.14 0.17	38.55 -2.91 -1.77	39.15 -3.05 -0.99
OXBOW___BTM 323836	59.34 -2.70 0.00	56.50 -2.69 0.00	58.67 -2.21 0.00	53.36 -2.05 0.00	45.38 -2.12 0.00	41.70 -1.99 0.00	36.82 -2.22 -0.09	30.51 -2.33 0.00	26.62 -1.76 0.00	24.07 -1.83 1.49	25.41 -2.13 0.00	33.64 -2.97 0.00	32.23 -3.06 0.00	25.19 -2.83 3.29	24.23 -2.87 1.26	33.18 -3.63 -0.19	36.51 -4.02 -0.40	36.30 -3.76 0.40	32.93 -3.67 3.44	26.31 -3.37 7.66	30.55 -3.55 5.16	34.86 -3.56 0.17	38.15 -3.31 -1.76	38.71 -3.48 -0.99
OXBOW____ 24026	59.35 -2.69 0.00	56.49 -2.69 0.00	58.67 -2.20 0.00	53.36 -2.05 0.00	45.38 -2.13 0.00	41.70 -1.99 0.00	36.82 -2.22 -0.09	30.49 -2.35 0.00	26.62 -1.76 0.00	24.08 -1.82 1.49	25.38 -2.15 0.00	33.64 -2.97 0.00	32.25 -3.04 0.00	25.17 -2.85 3.29	24.22 -2.88 1.26	33.14 -3.67 -0.19	36.48 -4.05 -0.40	36.27 -3.79 0.40	32.90 -3.69 3.44	26.33 -3.36 7.66	30.51 -3.60 5.16	34.85 -3.57 0.17	38.13 -3.32 -1.76	38.70 -3.49 -0.99
OXY_CHEM_DSASP 323612	58.61 -3.43 0.00	55.80 -3.39 0.00	57.98 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.50 0.00	36.37 -2.67 -0.09	30.08 -2.76 0.00	26.27 -2.11 0.00	23.77 -2.16 1.46	25.05 -2.49 0.00	33.14 -3.47 0.00	31.76 -3.54 0.00	24.84 -3.29 3.17	23.88 -3.28 1.19	32.59 -4.22 -0.19	35.84 -4.69 -0.40	35.63 -4.47 0.37	32.35 -4.37 3.31	25.96 -3.95 7.43	30.03 -4.25 4.98	34.27 -4.16 0.16	37.54 -3.89 -1.75	38.10 -4.08 -0.98
OZONE_PARK_ESR 323760	65.86 3.82 0.00	62.98 3.79 0.00	64.80 3.93 0.00	59.08 3.67 0.00	50.72 3.22 0.00	46.69 3.00 0.00	45.21 2.92 -3.34	43.76 2.55 -8.37	32.50 2.19 -1.93	30.33 2.20 -0.74	34.27 2.28 -4.46	40.24 2.88 -0.76	39.89 2.79 -1.81	38.79 2.51 -4.97	42.35 2.31 -11.68	44.91 2.91 -5.38	48.40 3.34 -4.93	65.60 3.42 -21.73	62.63 3.36 -19.24	50.24 3.13 -9.76	45.28 3.26 -2.76	43.33 3.17 -1.58	58.90 3.21 -16.00	51.99 3.18 -7.61
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	58.61 -3.43 0.00	55.80 -3.39 0.00	57.98 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.50 0.00	36.37 -2.67 -0.09	30.08 -2.76 0.00	26.27 -2.11 0.00	23.77 -2.16 1.46	25.05 -2.49 0.00	33.14 -3.47 0.00	31.76 -3.54 0.00	24.84 -3.29 3.17	23.88 -3.28 1.19	32.59 -4.22 -0.19	35.84 -4.69 -0.40	35.63 -4.47 0.37	32.35 -4.37 3.31	25.96 -3.95 7.43	30.03 -4.25 4.98	34.27 -4.16 0.16	37.54 -3.89 -1.75	38.10 -4.08 -0.98
PACKARD__115KV_DUPONT_184 80571	58.61 -3.43 0.00	55.80 -3.39 0.00	57.98 -2.89 0.00	52.73 -2.68 0.00	44.83 -2.67 0.00	41.20 -2.50 0.00	36.37 -2.67 -0.09	30.08 -2.76 0.00	26.27 -2.11 0.00	23.77 -2.16 1.46	25.05 -2.49 0.00	33.14 -3.47 0.00	31.76 -3.54 0.00	24.84 -3.29 3.17	23.88 -3.28 1.19	32.59 -4.22 -0.19	35.84 -4.69 -0.40	35.63 -4.47 0.37	32.35 -4.37 3.31	25.96 -3.95 7.43	30.03 -4.25 4.98	34.27 -4.16 0.16	37.54 -3.89 -1.75	38.10 -4.08 -0.98
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	65.30 3.26 0.00	62.46 3.27 0.00	64.25 3.37 0.00	58.55 3.14 0.00	50.27 2.77 0.00	46.26 2.56 0.00	44.82 2.52 -3.34	43.44 2.24 -8.36	32.23 1.92 -1.93	30.07 1.94 -0.74	33.98 1.98 -4.46	39.82 2.46 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.05 2.02 -11.68	44.50 2.51 -5.37	47.95 2.89 -4.93	65.18 3.01 -21.72	62.21 2.94 -19.23	49.83 2.72 -9.76	44.76 2.74 -2.76	42.85 2.68 -1.58	58.37 2.68 -16.00	51.49 2.68 -7.61
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	65.51 3.47 0.00	62.57 3.38 0.00	64.42 3.55 0.00	58.77 3.37 0.00	50.46 2.96 0.00	46.45 2.76 0.00	44.99 2.70 -3.34	43.59 2.39 -8.36	32.36 2.05 -1.93	30.19 2.06 -0.74	34.08 2.09 -4.46	39.95 2.58 -0.76	39.61 2.51 -1.81	38.54 2.27 -4.97	42.16 2.12 -11.68	44.63 2.64 -5.37	48.12 3.06 -4.93	65.39 3.21 -21.72	62.40 3.14 -19.23	50.01 2.90 -9.76	44.90 2.88 -2.76	42.92 2.76 -1.58	58.53 2.83 -16.00	51.66 2.85 -7.61
PATROON__115KV_TB1 80586	63.50 1.47 0.00	60.64 1.45 0.00	62.19 1.31 0.00	56.65 1.24 0.00	48.52 1.02 0.00	44.61 0.92 0.00	41.51 0.92 -1.64	36.40 0.82 -2.74	29.72 0.70 -0.63	28.46 0.83 -0.24	29.86 0.86 -1.46	37.97 1.12 -0.25	37.03 1.14 -0.59	36.63 1.02 -4.30	42.17 0.87 -12.94	39.40 1.12 -1.67	45.92 1.26 -4.52	54.79 1.22 -13.11	53.04 1.22 -11.79	43.22 1.09 -4.78	43.75 1.19 -3.30	40.27 1.16 -0.52	57.16 1.22 -16.26	51.02 1.16 -8.66
PATTRSNVILLE__SOLAR 323815	64.18 2.14 0.00	61.21 2.02 0.00	62.91 2.04 0.00	57.27 1.86 0.00	49.13 1.63 0.00	45.27 1.57 0.00	41.98 1.50 -1.53	36.43 1.30 -2.29	29.92 1.01 -0.53	28.36 0.77 -0.20	29.54 0.78 -1.22	38.10 1.28 -0.21	37.06 1.27 -0.49	36.84 1.15 -4.38	42.97 1.12 -13.49	39.85 1.48 -1.75	46.50 1.73 -4.63	54.93 1.77 -12.70	53.22 1.74 -11.46	43.39 1.59 -4.45	44.39 1.68 -3.46	40.64 1.63 -0.43	58.18 1.67 -16.81	51.95 1.70 -9.04
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	61.65 -0.39 0.00	58.71 -0.47 0.00	60.94 0.07 0.00	55.48 0.07 0.00	47.17 -0.33 0.00	43.21 -0.48 0.00	38.23 -0.82 -0.09	31.74 -1.10 0.00	27.62 -0.76 0.00	24.99 -0.70 1.71	26.57 -0.96 0.00	35.39 -1.22 0.00	33.93 -1.36 0.00	26.44 -1.32 3.55	25.61 -1.41 1.34	35.07 -1.76 -0.21	38.64 -1.93 -0.43	38.38 -1.66 0.42	34.80 -1.52 3.71	27.55 -1.48 8.32	32.20 -1.49 5.57	36.77 -1.64 0.18	40.10 -1.51 -1.92	40.78 -1.50 -1.08
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	65.59 3.55 0.00	62.67 3.48 0.00	64.43 3.56 0.00	58.72 3.32 0.00	50.44 2.94 0.00	46.46 2.77 0.00	44.72 2.72 -3.05	42.69 2.40 -7.46	32.14 2.04 -1.72	30.04 1.99 -0.66	33.54 2.03 -3.97	39.86 2.58 -0.68	39.40 2.49 -1.61	38.37 2.28 -4.79	42.12 2.13 -11.64	41.79 2.74 -2.43	48.12 3.18 -4.81	64.14 3.30 -20.38	61.29 3.24 -18.02	49.34 2.96 -9.03	45.13 3.08 -2.79	43.00 2.99 -1.43	58.48 3.03 -15.76	51.78 2.96 -7.61
PEEKSKILL____ 23653	64.85 2.80 0.00	61.99 2.80 0.00	63.77 2.90 0.00	58.14 2.74 0.00	49.95 2.45 0.00	45.99 2.30 0.00	44.79 2.28 -3.55	43.87 1.99 -9.04	32.14 1.67 -2.09	29.83 1.64 -0.79	34.04 1.69 -4.82	39.54 2.11 -0.82	39.30 2.05 -1.96	38.26 1.86 -5.09	41.77 1.73 -11.69	44.93 2.17 -6.14	47.69 2.53 -5.03	65.94 2.64 -22.84	62.84 2.60 -20.21	50.09 2.37 -10.38	44.46 2.46 -2.74	42.69 2.41 -1.70	58.31 2.46 -16.17	51.19 2.39 -7.59

PGE MADISON___WINDPWR 24146	66.27 4.23 0.00	62.92 3.73 0.00	64.56 3.68 0.00	59.04 3.63 0.00	50.78 3.28 0.00	46.83 3.14 0.00	42.07 3.29 0.17	34.50 2.76 1.09	30.49 2.36 0.25	31.77 2.03 -2.35	28.94 1.99 0.58	39.22 2.71 0.10	37.33 2.27 0.24	34.86 2.13 -1.42	34.00 1.96 -3.69	39.80 2.78 -0.41	44.38 3.46 -0.78	44.50 3.71 -0.33	44.91 3.84 -1.03	42.73 3.44 -1.94	44.74 3.53 -1.95	41.65 3.24 0.17	46.22 3.26 -3.28	46.51 3.29 -2.01
PIERCEFIELD___HYD 23852	60.67 -1.37 0.00	57.89 -1.30 0.00	60.00 -0.88 0.00	54.18 -1.22 0.00	45.94 -1.56 0.00	42.32 -1.37 0.00	37.63 -1.33 -0.01	31.52 -1.31 0.00	27.43 -0.96 0.00	26.55 -0.84 0.00	26.63 -0.91 0.00	36.10 -0.51 0.00	34.57 -0.72 0.00	30.46 -0.91 -0.06	27.81 -0.76 -0.22	35.67 -0.98 -0.03	38.96 -1.24 -0.07	38.77 -1.83 -0.14	37.86 -2.20 -0.04	35.31 -2.04 0.00	37.30 -1.96 0.00	36.90 -1.69 0.00	38.43 -1.26 0.00	39.73 -1.48 0.00
PINELAWN_CC_1 323563	65.65 3.61 0.00	62.84 3.65 0.00	64.09 3.22 0.00	58.69 3.28 0.00	50.44 2.95 0.00	46.43 2.73 0.00	45.13 2.84 -3.34	43.54 2.36 -8.35	32.41 2.11 -1.93	30.00 1.87 -0.73	34.06 2.08 -4.45	39.93 2.56 -0.76	39.55 2.45 -1.81	38.62 2.35 -4.96	42.28 2.24 -11.68	55.05 2.90 -15.53	48.62 3.56 -4.93	65.85 3.70 -21.70	62.63 3.38 -19.21	50.09 2.99 -9.75	45.00 2.98 -2.76	43.24 3.08 -1.57	58.77 3.07 -16.00	51.87 3.06 -7.61
PJM_GEN_HTP_PROXY 323702	65.20 3.16 0.00	61.06 3.17 1.30	64.14 3.27 0.00	58.48 3.08 0.00	50.23 2.73 0.00	46.24 2.55 0.00	44.81 2.51 -3.35	43.51 2.20 -8.47	32.41 1.87 -2.16	30.01 1.88 -0.74	33.95 1.95 -4.46	39.82 2.45 -0.76	39.48 2.37 -1.81	38.43 2.15 -4.97	42.01 1.98 -11.68	44.50 2.49 -5.40	47.91 2.84 -4.93	65.12 2.91 -21.74	62.77 2.86 -19.88	49.77 2.64 -9.77	44.77 2.75 -2.76	42.85 2.68 -1.58	58.42 2.72 -16.01	51.49 2.68 -7.61
PJM_GEN_KEystone 24065	62.41 0.37 0.00	51.99 0.43 7.63	61.67 0.80 0.00	56.19 0.78 0.00	48.10 0.60 0.00	44.13 0.43 0.00	41.46 0.40 -2.10	39.29 0.22 -6.23	29.98 0.16 -1.45	27.20 0.20 0.39	30.53 0.17 -2.83	37.27 0.18 -0.48	36.52 0.08 -1.15	33.55 0.06 -2.19	34.74 -0.03 -6.42	29.63 -0.08 6.91	43.15 0.01 -3.01	53.83 0.13 -13.23	51.84 0.20 -11.61	40.04 0.03 -2.67	39.70 0.07 -0.37	39.55 0.01 -0.96	49.60 0.12 -9.79	45.94 0.11 -4.63
PJM_GEN_NEPTUNE_PROXY 323594	65.00 2.96 0.00	60.91 3.02 1.30	63.58 2.71 0.00	58.18 2.77 0.00	50.00 2.50 0.00	46.02 2.32 0.00	44.71 2.42 -3.34	43.30 2.02 -8.44	32.32 1.80 -2.15	29.77 1.64 -0.73	33.82 1.84 -4.45	39.64 2.27 -0.76	39.28 2.18 -1.81	38.35 2.08 -4.96	41.98 1.95 -11.68	53.02 2.47 -13.94	48.08 3.02 -4.93	65.27 3.11 -21.70	62.71 2.84 -19.84	49.62 2.52 -9.75	44.56 2.54 -2.76	42.78 2.62 -1.57	58.32 2.63 -16.00	51.42 2.60 -7.61
PJM_GEN_VFT_PROXY 323633	65.01 2.97 0.00	60.87 2.98 1.30	63.99 3.12 0.00	58.33 2.92 0.00	50.10 2.60 0.00	46.12 2.43 0.00	44.72 2.43 -3.34	43.44 2.15 -8.46	32.35 1.82 -2.15	29.96 1.83 -0.74	33.87 1.88 -4.46	39.71 2.35 -0.76	39.38 2.27 -1.81	38.33 2.05 -4.97	41.92 1.89 -11.68	44.33 2.33 -5.38	47.77 2.71 -4.93	64.95 2.76 -21.73	62.63 2.74 -19.87	49.65 2.54 -9.76	44.68 2.65 -2.76	42.75 2.59 -1.58	58.32 2.63 -16.00	51.40 2.59 -7.61
PLATSBURG_115KV_PMLD1 355749	59.90 -2.14 0.00	57.50 -1.69 0.00	59.70 -1.18 0.00	54.17 -1.24 0.00	45.93 -1.57 0.00	42.26 -1.44 0.00	37.75 -1.20 0.00	31.62 -1.21 0.00	27.45 -0.93 0.00	26.55 -0.84 0.00	26.51 -1.03 0.00	36.05 -0.56 0.00	34.54 -0.75 0.00	30.48 -0.83 0.00	27.76 -0.59 0.00	35.76 -0.86 0.00	38.79 -1.35 0.00	38.52 -1.94 0.00	37.75 -2.28 0.00	35.33 -2.02 0.00	37.40 -1.86 0.00	36.93 -1.66 0.00	38.69 -1.00 0.00	39.84 -1.36 0.00
PLEASANTVLY___LBMP 24000	64.49 2.45 0.00	61.64 2.45 0.00	63.35 2.47 0.00	57.75 2.34 0.00	49.58 2.09 0.00	45.68 1.98 0.00	43.63 1.98 -2.69	40.89 1.76 -6.29	31.32 1.49 -1.45	29.42 1.47 -0.55	32.41 1.52 -3.35	39.09 1.91 -0.57	38.51 1.85 -1.36	37.59 1.68 -4.60	41.67 1.57 -11.74	41.55 2.01 -2.92	47.10 2.31 -4.65	61.17 2.40 -18.31	58.65 2.35 -16.27	47.36 2.14 -7.87	44.36 2.25 -2.86	41.97 2.19 -1.19	57.54 2.24 -15.61	51.11 2.18 -7.72
PLSNTVLE_13_KV_13.8KVDIST 80602	64.98 2.94 0.00	62.12 2.93 0.00	63.87 3.00 0.00	58.23 2.82 0.00	50.01 2.52 0.00	46.06 2.36 0.00	44.45 2.34 -3.16	42.69 2.05 -7.80	31.93 1.75 -1.80	29.80 1.72 -0.69	33.47 1.78 -4.16	39.56 2.25 -0.71	39.16 2.17 -1.69	38.15 1.98 -4.86	41.85 1.83 -11.66	43.31 2.33 -4.37	47.66 2.68 -4.84	64.00 2.76 -20.78	61.16 2.72 -18.41	49.09 2.49 -9.24	44.63 2.59 -2.78	42.58 2.52 -1.47	58.13 2.58 -15.85	51.34 2.52 -7.62
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.98 2.94 0.00	62.12 2.93 0.00	63.87 3.00 0.00	58.23 2.82 0.00	50.01 2.52 0.00	46.06 2.36 0.00	44.45 2.34 -3.16	42.69 2.05 -7.80	31.93 1.75 -1.80	29.80 1.72 -0.69	33.47 1.78 -4.16	39.56 2.25 -0.71	39.16 2.17 -1.69	38.15 1.98 -4.86	41.85 1.83 -11.66	43.31 2.33 -4.37	47.66 2.68 -4.84	64.00 2.76 -20.78	61.16 2.72 -18.41	49.09 2.49 -9.24	44.63 2.59 -2.78	42.58 2.52 -1.47	58.13 2.58 -15.85	51.34 2.52 -7.62
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	65.09 3.05 0.00	62.19 3.00 0.00	63.90 3.03 0.00	58.26 2.85 0.00	50.03 2.54 0.00	46.08 2.38 0.00	44.21 2.37 -2.89	41.85 2.09 -6.93	31.75 1.78 -1.60	29.71 1.70 -0.61	32.95 1.72 -3.69	39.43 2.19 -0.63	38.94 2.15 -1.50	37.96 1.96 -4.70	41.85 1.83 -11.66	40.42 2.39 -1.42	47.67 2.79 -4.74	62.93 2.92 -19.56	60.17 2.85 -17.30	48.52 2.60 -8.57	44.78 2.71 -2.81	42.55 2.63 -1.34	58.03 2.67 -15.67	51.45 2.60 -7.65
POLETTI___ 23519	65.15 3.11 0.00	62.33 3.15 0.00	64.20 3.33 0.00	58.53 3.13 0.00	50.24 2.74 0.00	46.22 2.53 0.00	44.78 2.48 -3.34	43.40 2.19 -8.37	32.18 1.87 -1.93	30.04 1.91 -0.74	33.99 2.00 -4.46	39.87 2.50 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.51 -5.38	47.91 2.85 -4.93	65.06 2.87 -21.73	62.09 2.82 -19.24	49.74 2.63 -9.76	44.79 2.77 -2.76	42.87 2.71 -1.58	58.42 2.72 -16.00	51.53 2.72 -7.61
POMONA___ESR 323819	64.89 2.85 0.00	62.04 2.86 0.00	63.87 2.99 0.00	58.24 2.83 0.00	50.03 2.54 0.00	46.07 2.38 0.00	45.49 2.35 -4.20	45.93 2.05 -11.05	32.61 1.68 -2.55	29.99 1.63 -0.97	35.09 1.67 -5.89	39.70 2.09 -1.00	39.70 2.02 -2.39	38.62 1.83 -5.48	41.82 1.71 -11.76	32.80 2.13 5.95	47.97 2.49 -5.34	69.39 2.63 -26.30	65.83 2.59 -23.21	51.98 2.37 -12.27	44.39 2.44 -2.69	43.06 2.40 -2.09	58.86 2.46 -16.71	51.16 2.38 -7.57
PORT_JEFF_3 23555	65.71 3.67 0.00	62.98 3.79 0.00	64.03 3.16 0.00	58.68 3.27 0.00	50.46 2.96 0.00	46.46 2.77 0.00	45.27 2.98 -3.34	43.60 2.41 -8.35	32.53 2.22 -1.93	30.03 1.91 -0.73	34.17 2.18 -4.45	40.02 2.66 -0.76	39.64 2.53 -1.81	38.71 2.44 -4.96	42.34 2.30 -11.68	54.18 2.98 -14.59	48.76 3.69 -4.93	65.95 3.79 -21.70	62.70 3.45 -19.21	50.12 3.02 -9.75	44.97 2.94 -2.76	43.25 3.09 -1.57	58.75 3.06 -16.00	51.85 3.04 -7.61

PORT_JEFF_4 23616	65.71 3.67 0.00	62.98 3.79 0.00	64.03 3.16 0.00	58.68 3.27 0.00	50.46 2.96 0.00	46.46 2.77 0.00	45.27 2.98 -3.34	43.60 2.41 -8.35	32.53 2.22 -1.93	30.03 1.91 -0.73	34.17 2.18 -4.45	40.02 2.66 -0.76	39.64 2.53 -1.81	38.71 2.44 -4.96	42.34 2.30 -11.68	54.18 2.98 -14.59	48.76 3.69 -4.93	65.95 3.79 -21.70	62.70 3.45 -19.21	50.12 3.02 -9.75	44.97 2.94 -2.76	43.25 3.09 -1.57	58.75 3.06 -16.00	51.85 3.04 -7.61
PORT_JEFF_IC 23713	65.70 3.66 0.00	62.97 3.79 0.00	63.99 3.11 0.00	58.66 3.25 0.00	50.45 2.95 0.00	46.46 2.77 0.00	45.28 2.99 -3.34	43.58 2.40 -8.35	32.54 2.23 -1.93	30.03 1.90 -0.73	34.17 2.19 -4.45	40.03 2.67 -0.76	39.64 2.54 -1.81	38.71 2.44 -4.96	42.35 2.31 -11.68	54.22 2.98 -14.62	48.77 3.71 -4.93	65.98 3.82 -21.70	62.72 3.48 -19.21	50.14 3.04 -9.75	44.98 2.96 -2.76	43.26 3.11 -1.57	58.76 3.06 -16.00	51.85 3.03 -7.61
PPL_PILGRIM_ST_GT1 24216	66.06 4.02 0.00	63.28 4.09 0.00	64.43 3.56 0.00	59.03 3.62 0.00	50.74 3.25 0.00	46.69 3.00 0.00	45.43 3.14 -3.34	43.76 2.57 -8.35	32.61 2.31 -1.93	30.16 2.03 -0.73	34.28 2.30 -4.45	40.20 2.84 -0.76	39.80 2.70 -1.81	38.86 2.59 -4.96	42.48 2.45 -11.68	54.53 3.17 -14.74	48.99 3.93 -4.93	66.23 4.07 -21.70	62.94 3.69 -19.21	50.33 3.23 -9.75	45.25 3.23 -2.76	43.49 3.33 -1.57	58.99 3.30 -16.00	52.13 3.32 -7.61
PPL_PILGRIM_ST_GT2 24217	66.06 4.02 0.00	63.28 4.09 0.00	64.43 3.56 0.00	59.03 3.62 0.00	50.74 3.25 0.00	46.69 3.00 0.00	45.43 3.14 -3.34	43.76 2.57 -8.35	32.61 2.31 -1.93	30.16 2.03 -0.73	34.28 2.30 -4.45	40.20 2.84 -0.76	39.80 2.70 -1.81	38.86 2.59 -4.96	42.48 2.45 -11.68	54.53 3.17 -14.74	48.99 3.93 -4.93	66.23 4.07 -21.70	62.94 3.69 -19.21	50.33 3.23 -9.75	45.25 3.23 -2.76	43.49 3.33 -1.57	58.99 3.30 -16.00	52.13 3.32 -7.61
PPL_SHRM_GT3 24213	65.23 3.19 0.00	62.74 3.55 0.00	63.36 2.48 0.00	58.18 2.77 0.00	50.09 2.59 0.00	46.16 2.47 0.00	45.20 2.91 -3.34	43.37 2.19 -8.35	32.52 2.21 -1.93	29.86 1.73 -0.73	34.10 2.12 -4.45	39.90 2.53 -0.76	39.51 2.41 -1.81	38.59 2.32 -4.96	42.23 2.19 -11.68	54.09 2.87 -14.60	48.55 3.49 -4.93	65.66 3.50 -21.70	62.48 3.24 -19.21	49.93 2.83 -9.75	44.58 2.55 -2.76	43.02 2.86 -1.57	58.50 2.80 -16.00	51.56 2.75 -7.61
PPL_SHRM_GT4 24214	65.23 3.19 0.00	62.74 3.55 0.00	63.36 2.48 0.00	58.18 2.77 0.00	50.09 2.59 0.00	46.16 2.47 0.00	45.20 2.91 -3.34	43.37 2.19 -8.35	32.52 2.21 -1.93	29.86 1.73 -0.73	34.10 2.12 -4.45	39.90 2.53 -0.76	39.51 2.41 -1.81	38.59 2.32 -4.96	42.23 2.19 -11.68	54.09 2.87 -14.60	48.55 3.49 -4.93	65.66 3.50 -21.70	62.48 3.24 -19.21	49.93 2.83 -9.75	44.58 2.55 -2.76	43.02 2.86 -1.57	58.50 2.80 -16.00	51.56 2.75 -7.61
PROJECT___ORANGE 1 24174	61.46 -0.58 0.00	58.58 -0.61 0.00	60.30 -0.57 0.00	54.87 -0.54 0.00	47.03 -0.47 0.00	43.23 -0.46 0.00	38.52 -0.49 -0.05	32.38 -0.46 0.00	28.00 -0.38 0.00	26.99 -0.41 0.00	27.08 -0.46 0.00	36.00 -0.60 0.00	34.71 -0.58 0.00	31.06 -0.51 -0.26	28.76 -0.47 -0.88	36.15 -0.58 -0.12	39.79 -0.63 -0.28	40.43 -0.60 -0.58	39.99 -0.58 -0.53	36.98 -0.52 -0.15	38.89 -0.60 -0.23	37.98 -0.60 0.00	40.10 -0.67 -1.08	41.15 -0.66 -0.60
PROJECT___ORANGE 2 24166	61.46 -0.58 0.00	58.58 -0.61 0.00	60.30 -0.57 0.00	54.87 -0.54 0.00	47.03 -0.47 0.00	43.23 -0.46 0.00	38.52 -0.49 -0.05	32.38 -0.46 0.00	28.00 -0.38 0.00	26.99 -0.41 0.00	27.08 -0.46 0.00	36.00 -0.60 0.00	34.71 -0.58 0.00	31.06 -0.51 -0.26	28.76 -0.47 -0.88	36.15 -0.58 -0.12	39.79 -0.63 -0.28	40.43 -0.60 -0.58	39.99 -0.58 -0.53	36.98 -0.52 -0.15	38.89 -0.60 -0.23	37.98 -0.60 0.00	40.10 -0.67 -1.08	41.15 -0.66 -0.60
PUCKETT___SOLAR 323809	63.09 1.05 0.00	60.07 0.89 0.00	61.76 0.89 0.00	56.35 0.94 0.00	48.40 0.90 0.00	44.54 0.85 0.00	39.66 0.90 0.19	32.33 0.69 1.19	28.67 0.56 0.27	28.07 0.49 -0.18	27.34 0.43 0.63	37.19 0.69 0.11	35.56 0.53 0.26	32.49 0.48 -0.70	31.95 0.44 -3.15	37.70 0.64 -0.44	41.82 0.87 -0.82	41.41 0.93 -0.03	41.16 1.01 -0.13	37.70 0.82 0.47	40.97 0.84 -0.87	39.04 0.69 0.23	43.98 0.78 -3.51	44.21 0.85 -2.16
PYRITES___HYD 24023	61.59 -0.45 0.00	58.82 -0.37 0.00	61.00 0.13 0.00	55.10 -0.31 0.00	46.70 -0.80 0.00	43.02 -0.67 0.00	38.28 -0.69 -0.01	32.07 -0.77 0.00	27.89 -0.49 0.00	26.99 -0.41 0.00	27.05 -0.48 0.00	36.59 -0.02 0.00	35.04 -0.25 0.00	30.82 -0.55 -0.06	28.14 -0.43 -0.21	36.18 -0.47 -0.03	39.62 -0.58 -0.07	39.48 -1.12 -0.14	38.54 -1.52 -0.04	35.95 -1.39 0.00	38.00 -1.26 0.00	37.56 -1.02 0.00	39.16 -0.53 0.00	40.44 -0.77 0.00
QUAKERRD_115KV_BK1 80622	59.45 -2.59 0.00	56.63 -2.56 0.00	58.51 -2.37 0.00	53.22 -2.19 0.00	45.47 -2.03 0.00	41.81 -1.88 0.00	37.16 -1.86 -0.07	31.09 -1.75 0.00	26.98 -1.40 0.00	25.09 -1.44 0.86	25.97 -1.57 0.00	34.57 -2.03 0.00	33.25 -2.04 0.00	29.74 -1.90 -0.33	27.52 -1.88 -1.04	34.46 -2.31 -0.15	38.00 -2.49 -0.36	38.83 -2.37 -0.74	38.35 -2.36 -0.68	34.98 -2.23 0.14	37.19 -2.37 -0.30	36.28 -2.30 0.00	38.76 -2.30 -1.38	39.56 -2.41 -0.77
QUENSBRY_115KV_TB8 356137	66.22 4.18 0.00	63.27 4.08 0.00	64.71 3.84 0.00	58.99 3.58 0.00	50.78 3.28 0.00	46.85 3.16 0.00	43.67 3.13 -1.59	38.15 2.78 -2.54	31.29 2.33 -0.58	29.79 2.18 -0.22	31.16 2.27 -1.35	39.93 3.09 -0.23	38.84 3.00 -0.55	38.31 2.66 -4.34	44.03 2.48 -13.19	41.47 3.14 -1.71	48.38 3.67 -4.57	57.01 3.63 -12.92	55.30 3.63 -11.64	45.24 3.26 -4.63	46.03 3.39 -3.37	42.31 3.24 -0.48	59.66 3.46 -16.51	53.38 3.34 -8.84
RAMAPO___LBMP 323565	64.66 2.62 0.00	61.82 2.64 0.00	63.66 2.79 0.00	58.05 2.64 0.00	49.88 2.38 0.00	45.92 2.23 0.00	45.24 2.22 -4.07	45.42 1.92 -10.67	32.42 1.58 -2.46	29.85 1.52 -0.94	34.78 1.56 -5.69	39.51 1.94 -0.97	39.48 1.88 -2.31	38.39 1.69 -5.39	41.62 1.58 -11.69	32.89 1.97 5.70	47.70 2.31 -5.26	68.45 2.45 -25.54	65.02 2.42 -22.57	51.41 2.20 -11.87	44.20 2.26 -2.68	42.80 2.21 -2.00	58.51 2.29 -16.53	50.95 2.21 -7.53
RANKINE____ 23646	60.45 -1.59 0.00	57.54 -1.64 0.00	59.69 -1.19 0.00	54.35 -1.06 0.00	46.19 -1.31 0.00	42.42 -1.27 0.00	37.47 -1.58 -0.09	31.07 -1.77 0.00	27.07 -1.31 0.00	24.37 -1.34 1.68	25.92 -1.62 0.00	34.49 -2.12 0.00	33.08 -2.21 0.00	25.00 -2.14 4.18	24.38 -2.17 1.80	34.13 -2.69 -0.21	37.59 -2.96 -0.42	37.09 -2.71 0.67	32.95 -2.64 4.44	25.32 -2.50 9.53	30.17 -2.59 6.50	35.74 -2.64 0.21	39.12 -2.45 -1.88	39.76 -2.49 -1.05
RAVENSWOOD_GT2_1 24244	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.51 2.41 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.87 -4.93	65.11 2.94 -21.72	62.15 2.88 -19.23	49.76 2.66 -9.76	44.80 2.77 -2.76	42.87 2.71 -1.58	58.44 2.74 -16.00	51.52 2.71 -7.61



RAVENSWOOD_GT2_2 24245	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.51 2.41 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.87 -4.93	65.11 2.94 -21.72	62.15 2.88 -19.23	49.76 2.66 -9.76	44.80 2.77 -2.76	42.87 2.71 -1.58	58.44 2.74 -16.00	51.52 2.71 -7.61
RAVENSWOOD_GT2_3 24246	65.27 3.23 0.00	62.41 3.23 0.00	64.23 3.36 0.00	58.55 3.14 0.00	50.28 2.78 0.00	46.28 2.59 0.00	44.85 2.55 -3.34	43.44 2.24 -8.36	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.88 2.51 -0.76	39.53 2.43 -1.81	38.47 2.20 -4.97	42.06 2.02 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.13 2.96 -21.72	62.17 2.91 -19.23	49.79 2.68 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT2_4 24247	65.27 3.23 0.00	62.41 3.23 0.00	64.23 3.36 0.00	58.55 3.14 0.00	50.28 2.78 0.00	46.28 2.59 0.00	44.85 2.55 -3.34	43.44 2.24 -8.36	32.22 1.91 -1.93	30.05 1.92 -0.74	33.99 2.00 -4.46	39.88 2.51 -0.76	39.53 2.43 -1.81	38.47 2.20 -4.97	42.06 2.02 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.13 2.96 -21.72	62.17 2.91 -19.23	49.79 2.68 -9.76	44.82 2.80 -2.76	42.89 2.73 -1.58	58.45 2.76 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT3_1 24248	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.04 1.91 -0.74	33.97 1.98 -4.46	39.86 2.50 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT3_2 24249	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.04 1.91 -0.74	33.97 1.98 -4.46	39.86 2.50 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT3_3 24250	65.33 3.29 0.00	62.47 3.29 0.00	64.29 3.42 0.00	58.61 3.20 0.00	50.33 2.83 0.00	46.33 2.64 0.00	44.88 2.59 -3.34	43.48 2.28 -8.36	32.25 1.94 -1.93	30.08 1.95 -0.74	34.02 2.03 -4.46	39.92 2.55 -0.76	39.58 2.48 -1.81	38.52 2.24 -4.97	42.09 2.06 -11.68	44.57 2.58 -5.37	48.01 2.95 -4.93	65.18 3.00 -21.72	62.22 2.96 -19.23	49.84 2.73 -9.76	44.87 2.84 -2.76	42.94 2.78 -1.58	58.50 2.80 -16.00	51.58 2.77 -7.61
RAVENSWOOD_GT3_4 24251	65.33 3.29 0.00	62.47 3.29 0.00	64.29 3.42 0.00	58.61 3.20 0.00	50.33 2.83 0.00	46.33 2.64 0.00	44.88 2.59 -3.34	43.48 2.28 -8.36	32.25 1.94 -1.93	30.08 1.95 -0.74	34.02 2.03 -4.46	39.92 2.55 -0.76	39.58 2.48 -1.81	38.52 2.24 -4.97	42.09 2.06 -11.68	44.57 2.58 -5.37	48.01 2.95 -4.93	65.18 3.00 -21.72	62.22 2.96 -19.23	49.84 2.73 -9.76	44.87 2.84 -2.76	42.94 2.78 -1.58	58.50 2.80 -16.00	51.58 2.77 -7.61
RAVENSWOOD_GT_1 23729	65.46 3.42 0.00	62.60 3.41 0.00	64.42 3.54 0.00	58.72 3.31 0.00	50.42 2.93 0.00	46.41 2.72 0.00	44.94 2.64 -3.34	43.53 2.33 -8.36	32.31 2.00 -1.93	30.14 2.01 -0.74	34.08 2.09 -4.46	39.99 2.63 -0.76	39.65 2.54 -1.81	38.56 2.29 -4.97	42.13 2.09 -11.68	44.59 2.60 -5.37	48.02 2.95 -4.93	65.20 3.02 -21.72	62.25 2.99 -19.23	49.87 2.76 -9.76	44.88 2.85 -2.76	42.94 2.78 -1.58	58.49 2.80 -16.00	51.58 2.77 -7.61
RAVENSWOOD_GT_10 24258	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.53 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_11 24259	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.53 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_4 24252	65.23 3.19 0.00	62.39 3.20 0.00	64.19 3.32 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.56 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.20 1.89 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.85 2.48 -0.76	39.51 2.40 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.66 -9.76	44.80 2.78 -2.76	42.88 2.72 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_5 24254	65.23 3.19 0.00	62.39 3.20 0.00	64.19 3.32 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.56 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.20 1.89 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.85 2.48 -0.76	39.51 2.40 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.66 -9.76	44.80 2.78 -2.76	42.88 2.72 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_6 24253	65.23 3.19 0.00	62.39 3.20 0.00	64.19 3.32 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.56 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.20 1.89 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.85 2.48 -0.76	39.51 2.40 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.66 -9.76	44.80 2.78 -2.76	42.88 2.72 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_7 24255	65.23 3.19 0.00	62.39 3.20 0.00	64.19 3.32 0.00	58.52 3.11 0.00	50.26 2.76 0.00	46.26 2.56 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.20 1.89 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.85 2.48 -0.76	39.51 2.40 -1.81	38.46 2.18 -4.97	42.04 2.01 -11.68	44.51 2.52 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.66 -9.76	44.80 2.78 -2.76	42.88 2.72 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.53 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61

RAVENSWOOD_GT_9 24257	65.24 3.20 0.00	62.40 3.21 0.00	64.20 3.33 0.00	58.53 3.12 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.82 2.52 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.03 1.90 -0.74	33.97 1.98 -4.46	39.86 2.49 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.51 2.53 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.77 2.67 -9.76	44.80 2.78 -2.76	42.87 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD___1 23533	65.33 3.29 0.00	62.47 3.28 0.00	64.28 3.40 0.00	58.61 3.20 0.00	50.32 2.82 0.00	46.31 2.62 0.00	44.87 2.58 -3.34	43.47 2.27 -8.36	32.26 1.95 -1.93	30.09 1.96 -0.74	34.03 2.03 -4.46	39.92 2.56 -0.76	39.58 2.48 -1.81	38.51 2.24 -4.97	42.08 2.04 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.15 2.97 -21.72	62.17 2.91 -19.23	49.81 2.70 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.44 2.74 -16.00	51.51 2.70 -7.61
RAVENSWOOD___2 23534	65.33 3.29 0.00	62.47 3.28 0.00	64.28 3.40 0.00	58.61 3.20 0.00	50.32 2.82 0.00	46.31 2.62 0.00	44.87 2.58 -3.34	43.47 2.27 -8.36	32.26 1.95 -1.93	30.09 1.96 -0.74	34.03 2.03 -4.46	39.92 2.56 -0.76	39.58 2.48 -1.81	38.51 2.24 -4.97	42.08 2.04 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.15 2.97 -21.72	62.17 2.91 -19.23	49.81 2.70 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.44 2.74 -16.00	51.51 2.70 -7.61
RAVENSWOOD___3 23535	65.24 3.21 0.00	62.40 3.22 0.00	64.20 3.33 0.00	58.53 3.13 0.00	50.26 2.76 0.00	46.26 2.57 0.00	44.83 2.53 -3.34	43.42 2.22 -8.36	32.21 1.90 -1.93	30.04 1.91 -0.74	33.97 1.98 -4.46	39.87 2.50 -0.76	39.52 2.42 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.52 2.53 -5.37	47.94 2.88 -4.93	65.12 2.94 -21.72	62.15 2.88 -19.23	49.78 2.67 -9.76	44.80 2.78 -2.76	42.88 2.71 -1.58	58.44 2.75 -16.00	51.53 2.72 -7.61
RAVENSWOOD___4 23820	65.33 3.29 0.00	62.47 3.28 0.00	64.28 3.40 0.00	58.61 3.20 0.00	50.32 2.82 0.00	46.31 2.62 0.00	44.87 2.58 -3.34	43.47 2.27 -8.36	32.26 1.95 -1.93	30.09 1.96 -0.74	34.03 2.03 -4.46	39.92 2.56 -0.76	39.58 2.48 -1.81	38.51 2.24 -4.97	42.08 2.04 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.15 2.97 -21.72	62.17 2.91 -19.23	49.81 2.70 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.44 2.74 -16.00	51.51 2.70 -7.61
RCPI_TRUST___DRP 24196	65.27 3.23 0.00	62.41 3.23 0.00	64.23 3.36 0.00	58.55 3.15 0.00	50.29 2.79 0.00	46.29 2.60 0.00	44.85 2.55 -3.35	43.45 2.24 -8.38	32.22 1.91 -1.93	30.04 1.91 -0.74	33.99 1.99 -4.46	39.87 2.50 -0.76	39.52 2.41 -1.81	38.46 2.19 -4.97	42.04 2.01 -11.68	44.54 2.53 -5.40	47.95 2.88 -4.93	65.15 2.95 -21.74	62.18 2.90 -19.25	49.80 2.67 -9.77	44.81 2.79 -2.76	42.88 2.72 -1.58	58.45 2.75 -16.01	51.52 2.71 -7.61
RED___ROCHESTER 323720	60.82 -1.23 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.48 -0.93 0.00	46.48 -1.01 0.00	42.74 -0.95 0.00	37.95 -1.07 -0.07	31.71 -1.12 0.00	27.55 -0.83 0.00	25.50 -0.93 0.97	26.47 -1.07 0.00	35.28 -1.33 0.00	33.89 -1.40 0.00	29.71 -1.35 0.25	27.60 -1.42 -0.66	35.10 -1.67 -0.15	38.72 -1.77 -0.36	39.44 -1.57 -0.55	38.49 -1.56 -0.02	34.49 -1.52 1.34	37.10 -1.59 0.57	36.99 -1.57 0.03	39.58 -1.52 -1.41	40.36 -1.63 -0.79
REGAN___SOLAR 323812	65.72 3.68 0.00	62.59 3.41 0.00	64.40 3.52 0.00	58.58 3.17 0.00	50.22 2.72 0.00	46.29 2.60 0.00	42.84 2.42 -1.47	36.92 2.08 -2.00	30.42 1.58 -0.46	28.29 0.72 -0.18	29.55 0.95 -1.07	38.64 1.85 -0.18	37.54 1.82 -0.43	37.52 1.74 -4.47	44.03 1.69 -13.98	40.76 2.31 -1.82	47.66 2.78 -4.75	55.91 2.91 -12.54	54.21 2.84 -11.34	44.21 2.59 -4.27	45.56 2.70 -3.60	41.58 2.62 -0.38	59.65 2.61 -17.35	53.24 2.65 -9.39
RENSSELAER___COGEN 23796	63.21 1.17 0.00	60.37 1.18 0.00	61.89 1.02 0.00	56.40 0.99 0.00	48.30 0.80 0.00	44.40 0.71 0.00	41.33 0.72 -1.66	36.31 0.66 -2.82	29.59 0.56 -0.65	28.33 0.69 -0.25	29.76 0.72 -1.50	37.77 0.91 -0.26	36.84 0.94 -0.61	36.44 0.84 -4.28	41.90 0.71 -12.84	39.17 0.90 -1.65	45.66 1.02 -4.50	54.62 0.99 -13.18	52.86 0.98 -11.85	43.07 0.88 -4.84	43.51 0.98 -3.27	40.07 0.95 -0.54	56.86 1.02 -16.15	50.74 0.96 -8.59
REPUBLIC_115KV_BARTNBRK 55605	68.86 6.82 0.00	66.04 6.85 0.00	67.02 6.14 0.00	61.27 5.86 0.00	53.02 5.52 0.00	48.86 5.17 0.00	45.72 5.17 -1.59	39.88 4.50 -2.54	32.80 3.84 -0.59	31.14 3.52 -0.22	32.62 3.73 -1.35	41.86 5.02 -0.23	40.48 4.64 -0.55	39.85 4.20 -4.34	45.60 4.06 -13.19	43.39 5.06 -1.70	50.81 6.10 -4.57	59.37 5.98 -12.93	57.54 5.86 -11.65	47.27 5.29 -4.63	48.09 5.46 -3.37	44.29 5.22 -0.48	61.83 5.63 -16.51	55.48 5.45 -8.83
REVERE_CPPR_DRP 24186	63.44 1.39 0.00	60.38 1.20 0.00	62.13 1.26 0.00	56.46 1.05 0.00	48.39 0.90 0.00	44.61 0.92 0.00	39.80 0.81 -0.03	33.55 0.71 0.00	29.02 0.64 0.00	27.87 0.47 0.00	28.02 0.49 0.00	37.44 0.83 0.00	36.15 0.85 0.00	32.25 0.80 -0.14	29.60 0.76 -0.49	37.70 1.02 -0.07	41.43 1.15 -0.15	41.81 1.03 -0.32	41.22 0.92 -0.28	38.22 0.79 -0.08	40.21 0.83 -0.12	39.32 0.73 0.00	40.85 0.61 -0.55	42.09 0.58 -0.31
REYNOLDS_115KV_TB3 80639	63.52 1.48 0.00	60.68 1.49 0.00	62.18 1.31 0.00	56.66 1.25 0.00	48.59 1.09 0.00	44.75 1.06 0.00	41.68 1.05 -1.67	36.63 0.94 -2.86	29.84 0.80 -0.66	28.54 0.89 -0.25	30.02 0.96 -1.53	38.10 1.23 -0.26	37.15 1.24 -0.62	36.74 1.13 -4.30	42.20 0.98 -12.86	39.50 1.23 -1.66	46.01 1.36 -4.51	55.03 1.31 -13.26	53.26 1.30 -11.93	43.42 1.19 -4.88	43.85 1.32 -3.28	40.43 1.30 -0.54	57.28 1.40 -16.19	51.13 1.33 -8.60
RIVERBAY____ 323610	65.51 3.47 0.00	62.57 3.38 0.00	64.42 3.55 0.00	58.77 3.37 0.00	50.46 2.96 0.00	46.45 2.76 0.00	44.99 2.70 -3.34	43.59 2.39 -8.36	32.36 2.05 -1.93	30.19 2.06 -0.74	34.08 2.09 -4.46	39.95 2.58 -0.76	39.61 2.51 -1.81	38.54 2.27 -4.97	42.16 2.12 -11.68	44.63 2.64 -5.37	48.12 3.06 -4.93	65.39 3.21 -21.72	62.40 3.14 -19.23	50.01 2.90 -9.76	44.90 2.88 -2.76	42.92 2.76 -1.58	58.53 2.83 -16.00	51.66 2.85 -7.61
RIVERSDE_115KV_TB3 55908	63.40 1.36 0.00	60.55 1.37 0.00	62.06 1.19 0.00	56.56 1.15 0.00	48.47 0.97 0.00	44.59 0.90 0.00	41.50 0.89 -1.66	36.45 0.80 -2.81	29.71 0.68 -0.65	28.45 0.81 -0.25	29.89 0.85 -1.50	37.95 1.09 -0.25	37.01 1.11 -0.61	36.61 1.01 -4.30	42.10 0.86 -12.88	39.36 1.08 -1.66	45.87 1.22 -4.52	54.83 1.17 -13.19	53.06 1.17 -11.87	43.23 1.05 -4.84	43.71 1.17 -3.28	40.26 1.15 -0.53	57.11 1.22 -16.20	50.97 1.15 -8.62
ROARING___BROOK_WT_PWR 323790	60.62 -1.42 0.00	57.60 -1.58 0.00	59.57 -1.31 0.00	53.87 -1.53 0.00	45.88 -1.62 0.00	42.11 -1.58 0.00	37.45 -1.51 0.00	31.49 -1.35 0.00	27.30 -1.08 0.00	26.46 -0.94 0.00	26.71 -0.83 0.00	35.75 -0.85 0.00	34.33 -0.97 0.00	30.25 -1.06 0.00	27.39 -0.96 0.00	35.34 -1.28 0.00	38.61 -1.53 0.00	38.69 -1.78 0.00	38.12 -1.91 0.00	35.70 -1.65 0.00	37.63 -1.63 0.00	37.05 -1.53 0.00	38.25 -1.44 0.00	39.63 -1.57 0.00

ROCHESRG_115KV_T4 355643	60.22 -1.82 0.00	57.36 -1.83 0.00	59.32 -1.55 0.00	53.98 -1.43 0.00	46.06 -1.44 0.00	42.33 -1.36 0.00	37.58 -1.44 -0.07	31.37 -1.46 0.00	27.27 -1.11 0.00	25.26 -1.19 0.95	26.19 -1.34 0.00	34.88 -1.73 0.00	33.53 -1.76 0.00	29.27 -1.70 0.35	27.22 -1.72 -0.58	34.67 -2.10 -0.15	38.23 -2.26 -0.36	38.86 -2.10 -0.51	37.84 -2.09 0.10	33.83 -1.99 1.53	36.43 -2.11 0.72	36.52 -2.04 0.03	39.12 -1.97 -1.40	39.92 -2.07 -0.79
ROCHESTER_9_IC 23652	60.54 -1.50 0.00	57.65 -1.54 0.00	59.62 -1.25 0.00	54.25 -1.16 0.00	46.28 -1.22 0.00	42.55 -1.14 0.00	37.78 -1.25 -0.07	31.55 -1.28 0.00	27.41 -0.96 0.00	25.37 -1.05 0.97	26.33 -1.21 0.00	35.09 -1.51 0.00	33.72 -1.57 0.00	29.54 -1.53 0.25	27.45 -1.57 -0.66	34.89 -1.88 -0.15	38.49 -2.01 -0.36	39.17 -1.84 -0.55	38.22 -1.83 -0.02	34.26 -1.75 1.34	36.83 -1.86 0.57	36.76 -1.80 0.03	39.36 -1.75 -1.41	40.15 -1.84 -0.79
ROCKVIEW_13_KV_LD 356306	65.30 3.25 0.00	62.40 3.22 0.00	64.17 3.30 0.00	58.51 3.10 0.00	50.26 2.76 0.00	46.28 2.59 0.00	44.84 2.54 -3.34	43.43 2.22 -8.37	32.21 1.90 -1.93	30.00 1.87 -0.74	33.95 1.95 -4.46	39.84 2.48 -0.76	39.49 2.39 -1.81	38.45 2.17 -4.97	42.05 2.02 -11.68	44.54 2.54 -5.38	47.99 2.92 -4.93	65.20 3.01 -21.73	62.23 2.96 -19.24	49.83 2.72 -9.76	44.85 2.83 -2.76	42.92 2.76 -1.58	58.51 2.81 -16.00	51.56 2.75 -7.61
ROME____115KV_TB2 80656	63.44 1.39 0.00	60.38 1.20 0.00	62.13 1.26 0.00	56.46 1.05 0.00	48.39 0.90 0.00	44.61 0.92 0.00	39.80 0.81 -0.03	33.55 0.71 0.00	29.02 0.64 0.00	27.87 0.47 0.00	28.02 0.49 0.00	37.44 0.83 0.00	36.15 0.85 0.00	32.25 0.80 -0.14	29.60 0.76 -0.49	37.70 1.02 -0.07	41.43 1.15 -0.15	41.81 1.03 -0.32	41.22 0.92 -0.28	38.22 0.79 -0.08	40.21 0.83 -0.12	39.32 0.73 0.00	40.85 0.61 -0.55	42.09 0.58 -0.31
ROSETON___1 23587	64.49 2.45 0.00	61.65 2.46 0.00	63.39 2.52 0.00	57.77 2.36 0.00	49.62 2.12 0.00	45.68 1.99 0.00	43.78 1.99 -2.83	41.39 1.76 -6.80	31.42 1.47 -1.57	29.44 1.45 -0.60	32.65 1.49 -3.62	39.09 1.86 -0.62	38.58 1.81 -1.47	37.56 1.64 -4.61	41.35 1.54 -11.45	39.96 1.95 -1.39	47.04 2.27 -4.63	61.80 2.35 -18.98	59.18 2.31 -16.84	47.75 2.10 -8.29	44.22 2.20 -2.76	42.01 2.14 -1.29	57.27 2.20 -15.38	50.86 2.14 -7.51
ROSETON___2 23588	64.49 2.45 0.00	61.65 2.46 0.00	63.39 2.52 0.00	57.77 2.36 0.00	49.62 2.12 0.00	45.68 1.99 0.00	43.78 1.99 -2.83	41.39 1.76 -6.80	31.42 1.47 -1.57	29.44 1.45 -0.60	32.65 1.49 -3.62	39.09 1.86 -0.62	38.58 1.81 -1.47	37.56 1.64 -4.61	41.35 1.54 -11.45	39.96 1.95 -1.39	47.04 2.27 -4.63	61.80 2.35 -18.98	59.18 2.31 -16.84	47.75 2.10 -8.29	44.22 2.20 -2.76	42.01 2.14 -1.29	57.27 2.20 -15.38	50.86 2.14 -7.51
ROTRRDAM_115KV_TB3 80664	63.73 1.70 0.00	60.84 1.65 0.00	62.49 1.62 0.00	56.91 1.50 0.00	48.82 1.33 0.00	44.98 1.29 0.00	41.76 1.26 -1.55	36.34 1.11 -2.40	29.85 0.92 -0.55	28.45 0.85 -0.21	29.70 0.88 -1.28	38.03 1.21 -0.22	37.01 1.20 -0.52	36.74 1.08 -4.34	42.67 1.02 -13.30	39.66 1.32 -1.72	46.21 1.49 -4.59	54.71 1.49 -12.76	53.01 1.48 -11.50	43.22 1.35 -4.52	44.11 1.44 -3.41	40.43 1.39 -0.45	57.76 1.46 -16.61	51.58 1.46 -8.91
RUSSELL___1 23602	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
RUSSELL___2 23532	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
RUSSELL___3 23549	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
RUSSELL___4 23556	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
RUSSELL___STATION 23914	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
S SALMON___HYD 24043	60.92 -1.12 0.00	57.88 -1.31 0.00	59.40 -1.47 0.00	53.93 -1.48 0.00	46.22 -1.28 0.00	42.73 -0.97 0.00	37.89 -1.11 -0.04	31.89 -0.94 0.00	27.60 -0.78 0.00	26.65 -0.75 0.00	26.76 -0.78 0.00	35.83 -0.78 0.00	34.55 -0.75 0.00	30.89 -0.63 -0.20	28.45 -0.60 -0.70	35.85 -0.86 -0.09	39.30 -1.06 -0.22	39.76 -1.17 -0.46	39.40 -1.10 -0.47	36.58 -0.91 -0.14	38.44 -1.03 -0.21	37.64 -0.94 0.00	39.47 -1.20 -0.98	40.45 -1.30 -0.55
S.PERRY__115KV_TB1 80734	62.04 0.00 0.00	58.98 -0.21 0.00	60.94 0.07 0.00	55.56 0.15 0.00	47.41 -0.09 0.00	43.59 -0.10 0.00	38.78 -0.28 -0.10	32.31 -0.53 0.00	28.10 -0.28 0.00	24.54 -0.42 2.43	26.91 -0.63 0.00	35.82 -0.79 0.00	34.41 -0.88 0.00	44.97 -0.95 -14.61	38.48 -1.05 -11.17	35.73 -1.11 -0.22	40.05 -0.86 -0.77	46.10 -0.58 -6.22	56.86 -0.57 -17.40	63.98 -0.68 -27.31	60.05 -0.70 -21.49	38.39 -0.83 -0.63	40.95 -0.77 -2.02	41.54 -0.80 -1.13
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	59.66 -2.38 0.00	56.79 -2.40 0.00	58.98 -1.89 0.00	53.66 -1.75 0.00	45.61 -1.89 0.00	41.89 -1.80 0.00	37.00 -2.04 -0.09	30.66 -2.18 0.00	26.74 -1.64 0.00	24.15 -1.68 1.57	25.57 -1.97 0.00	34.01 -2.60 0.00	32.60 -2.69 0.00	24.75 -2.58 3.99	24.02 -2.61 1.72	33.56 -3.26 -0.20	36.93 -3.60 -0.40	36.47 -3.36 0.63	32.51 -3.27 4.24	25.17 -3.07 9.11	29.85 -3.20 6.21	35.21 -3.17 0.20	38.52 -2.97 -1.81	39.14 -3.07 -1.01

SAWYER___23_KV_LOAD 55526	59.66 -2.38 0.00	56.79 -2.40 0.00	58.98 -1.89 0.00	53.66 -1.75 0.00	45.61 -1.89 0.00	41.89 -1.80 0.00	37.00 -2.04 -0.09	30.66 -2.18 0.00	26.74 -1.64 0.00	24.15 -1.68 1.57	25.57 -1.97 0.00	34.01 -2.60 0.00	32.60 -2.69 0.00	24.75 -2.58 3.99	24.02 -2.61 1.72	33.56 -3.26 -0.20	36.93 -3.60 -0.40	36.47 -3.36 0.63	32.51 -3.27 4.24	25.17 -3.07 9.11	29.85 -3.20 6.21	35.21 -3.17 0.20	38.52 -2.97 -1.81	39.14 -3.07 -1.01
SELKIRK___I 23801	63.75 1.71 0.00	60.82 1.63 0.00	62.40 1.53 0.00	56.83 1.43 0.00	48.72 1.22 0.00	44.84 1.15 0.00	41.74 1.10 -1.68	36.73 0.97 -2.93	29.81 0.75 -0.68	28.40 0.75 -0.26	29.86 0.76 -1.56	37.88 1.01 -0.27	37.02 1.09 -0.64	36.60 1.03 -4.26	41.90 0.87 -12.68	39.42 1.17 -1.63	45.94 1.34 -4.47	55.03 1.30 -13.28	53.25 1.29 -11.93	43.44 1.17 -4.92	43.74 1.26 -3.22	40.37 1.23 -0.56	56.96 1.28 -15.98	50.97 1.29 -8.48
SELKIRK___II 23799	63.33 1.29 0.00	60.47 1.28 0.00	62.06 1.19 0.00	56.53 1.12 0.00	48.45 0.95 0.00	44.57 0.88 0.00	41.48 0.88 -1.64	36.40 0.78 -2.78	29.68 0.66 -0.64	28.36 0.73 -0.24	29.77 0.75 -1.48	37.81 0.96 -0.25	36.87 0.97 -0.60	36.45 0.88 -4.26	41.90 0.77 -12.78	39.25 0.99 -1.65	45.73 1.12 -4.48	54.64 1.10 -13.08	52.89 1.10 -11.76	43.13 0.99 -4.79	43.59 1.08 -3.26	40.18 1.06 -0.53	56.87 1.11 -16.07	50.85 1.10 -8.55
SENECA OSWGO___HYD 24041	60.73 -1.32 0.00	57.89 -1.30 0.00	59.53 -1.34 0.00	54.19 -1.22 0.00	46.44 -1.05 0.00	42.71 -0.98 0.00	38.02 -0.98 -0.05	31.97 -0.86 0.00	27.66 -0.72 0.00	26.65 -0.74 0.00	26.73 -0.80 0.00	35.55 -1.06 0.00	34.29 -1.01 0.00	30.66 -0.88 -0.23	28.30 -0.83 -0.78	35.69 -1.03 -0.10	39.25 -1.13 -0.25	39.87 -1.10 -0.51	39.44 -1.07 -0.48	36.53 -0.96 -0.14	38.41 -1.06 -0.21	37.54 -1.05 0.00	39.53 -1.14 -0.97	40.59 -1.16 -0.54
SENECA___115KV_TB3 355854	60.53 -1.51 0.00	57.65 -1.54 0.00	59.79 -1.09 0.00	54.43 -0.98 0.00	46.26 -1.23 0.00	42.49 -1.20 0.00	37.53 -1.52 -0.09	31.12 -1.72 0.00	27.11 -1.27 0.00	24.42 -1.29 1.68	25.96 -1.57 0.00	34.55 -2.05 0.00	33.14 -2.16 0.00	25.05 -2.09 4.18	24.43 -2.12 1.80	34.19 -2.64 -0.21	37.66 -2.89 -0.42	37.16 -2.64 0.67	33.03 -2.56 4.44	25.39 -2.43 9.53	30.24 -2.52 6.50	35.82 -2.56 0.21	39.19 -2.38 -1.88	39.84 -2.42 -1.05
SENECA___ENERGY 23797	61.24 -0.80 0.00	58.31 -0.88 0.00	59.79 -1.08 0.00	54.44 -0.96 0.00	46.66 -0.84 0.00	42.88 -0.82 0.00	38.22 -0.81 -0.07	32.10 -0.73 0.00	27.81 -0.57 0.00	26.40 -0.63 0.37	26.88 -0.65 0.00	35.88 -0.73 0.00	34.58 -0.71 0.00	31.97 -0.65 -1.31	29.56 -0.66 -1.87	36.05 -0.74 -0.17	39.87 -0.68 -0.42	41.06 -0.56 -1.16	41.38 -0.50 -1.85	38.70 -0.58 -1.93	40.38 -0.61 -1.74	37.97 -0.66 -0.04	40.51 -0.71 -1.53	41.38 -0.68 -0.86
SHOEMAKER___GT 23640	64.34 2.30 0.00	61.46 2.27 0.00	63.22 2.35 0.00	57.61 2.21 0.00	49.48 1.98 0.00	45.53 1.83 0.00	32.65 1.81 8.11	7.65 1.56 26.74	23.48 1.27 6.17	26.25 1.21 2.35	14.49 1.20 14.25	35.66 1.48 2.43	30.95 1.45 5.79	29.43 1.36 3.24	35.40 1.33 -5.72	35.03 1.69 3.27	40.05 1.97 2.06	1.08 2.10 41.48	6.33 2.06 35.76	15.29 1.87 23.93	43.67 1.93 -2.48	35.39 1.87 5.06	42.47 1.93 -0.85	47.87 1.86 -4.81
SHOEMAKR_138KV_BK 111 55601	64.30 2.26 0.00	61.43 2.25 0.00	63.21 2.34 0.00	57.60 2.19 0.00	49.47 1.97 0.00	45.51 1.82 0.00	29.07 1.79 11.68	-3.32 1.56 37.71	20.95 1.27 8.70	25.29 1.22 3.32	8.66 1.22 20.09	34.68 1.49 3.42	28.59 1.46 8.16	26.92 1.36 5.74	33.73 1.31 -4.06	35.21 1.67 3.08	37.90 1.95 4.19	-18.68 2.08 61.21	-10.82 2.06 52.90	4.71 1.85 34.48	43.61 1.91 -2.45	33.30 1.87 7.15	37.95 1.90 3.65	47.11 1.84 -4.07
SHOREHAM_IC_1 23715	65.23 3.19 0.00	62.74 3.55 0.00	63.36 2.48 0.00	58.18 2.77 0.00	50.09 2.59 0.00	46.16 2.47 0.00	45.20 2.91 -3.34	43.37 2.19 -8.35	32.52 2.21 -1.93	29.86 1.73 -0.73	34.10 2.12 -4.45	39.90 2.53 -0.76	39.51 2.41 -1.81	38.59 2.32 -4.96	42.23 2.19 -11.68	54.09 2.87 -14.60	48.55 3.49 -4.93	65.66 3.50 -21.70	62.48 3.24 -19.21	49.93 2.83 -9.75	44.58 2.55 -2.76	43.02 2.86 -1.57	58.50 2.80 -16.00	51.56 2.75 -7.61
SHOREHAM_IC_2 23716	65.23 3.19 0.00	62.74 3.55 0.00	63.36 2.48 0.00	58.18 2.77 0.00	50.09 2.59 0.00	46.16 2.47 0.00	45.20 2.91 -3.34	43.37 2.19 -8.35	32.52 2.21 -1.93	29.86 1.73 -0.73	34.10 2.12 -4.45	39.90 2.53 -0.76	39.51 2.41 -1.81	38.59 2.32 -4.96	42.23 2.19 -11.68	54.09 2.87 -14.60	48.55 3.49 -4.93	65.66 3.50 -21.70	62.48 3.24 -19.21	49.93 2.83 -9.75	44.58 2.55 -2.76	43.02 2.86 -1.57	58.50 2.80 -16.00	51.56 2.75 -7.61
SISSONVILLE____ 23735	60.67 -1.37 0.00	57.89 -1.30 0.00	60.00 -0.88 0.00	54.18 -1.22 0.00	45.94 -1.56 0.00	42.32 -1.37 0.00	37.63 -1.33 -0.01	31.52 -1.31 0.00	27.43 -0.96 0.00	26.55 -0.84 0.00	26.63 -0.91 0.00	36.10 -0.51 0.00	34.57 -0.72 0.00	30.46 -0.91 -0.06	27.81 -0.76 -0.22	35.67 -0.98 -0.03	38.96 -1.24 -0.07	38.77 -1.83 -0.14	37.86 -2.20 -0.04	35.31 -2.04 0.00	37.30 -1.96 0.00	36.90 -1.69 0.00	38.43 -1.26 0.00	39.73 -1.48 0.00
SITHE_IND_GS1 24169	60.27 -1.77 0.00	57.47 -1.72 0.00	59.13 -1.74 0.00	53.81 -1.60 0.00	46.12 -1.38 0.00	42.38 -1.31 0.00	37.68 -1.31 -0.04	31.69 -1.14 0.00	27.43 -0.95 0.00	26.44 -0.96 0.00	26.53 -1.01 0.00	35.27 -1.34 0.00	34.01 -1.28 0.00	30.33 -1.15 -0.18	27.91 -1.06 -0.61	35.34 -1.36 -0.08	38.78 -1.55 -0.19	39.31 -1.55 -0.40	38.88 -1.52 -0.37	36.09 -1.36 -0.11	37.94 -1.48 -0.16	37.14 -1.45 0.00	38.90 -1.54 -0.75	40.09 -1.53 -0.42
SITHE_IND_GS2 24170	60.27 -1.77 0.00	57.47 -1.72 0.00	59.13 -1.74 0.00	53.81 -1.60 0.00	46.12 -1.38 0.00	42.38 -1.31 0.00	37.68 -1.31 -0.04	31.69 -1.14 0.00	27.43 -0.95 0.00	26.44 -0.96 0.00	26.53 -1.01 0.00	35.27 -1.34 0.00	34.01 -1.28 0.00	30.33 -1.15 -0.18	27.91 -1.06 -0.61	35.34 -1.36 -0.08	38.78 -1.55 -0.19	39.31 -1.55 -0.40	38.88 -1.52 -0.37	36.09 -1.36 -0.11	37.94 -1.48 -0.16	37.14 -1.45 0.00	38.90 -1.54 -0.75	40.09 -1.53 -0.42
SITHE_IND_GS3 24171	60.27 -1.77 0.00	57.47 -1.72 0.00	59.13 -1.74 0.00	53.81 -1.60 0.00	46.12 -1.38 0.00	42.38 -1.31 0.00	37.68 -1.31 -0.04	31.69 -1.14 0.00	27.43 -0.95 0.00	26.44 -0.96 0.00	26.53 -1.01 0.00	35.27 -1.34 0.00	34.01 -1.28 0.00	30.33 -1.15 -0.18	27.91 -1.06 -0.61	35.34 -1.36 -0.08	38.78 -1.55 -0.19	39.31 -1.55 -0.40	38.88 -1.52 -0.37	36.09 -1.36 -0.11	37.94 -1.48 -0.16	37.14 -1.45 0.00	38.90 -1.54 -0.75	40.09 -1.53 -0.42
SITHE_IND_GS4 24172	60.27 -1.77 0.00	57.47 -1.72 0.00	59.13 -1.74 0.00	53.81 -1.60 0.00	46.12 -1.38 0.00	42.38 -1.31 0.00	37.68 -1.31 -0.04	31.69 -1.14 0.00	27.43 -0.95 0.00	26.44 -0.96 0.00	26.53 -1.01 0.00	35.27 -1.34 0.00	34.01 -1.28 0.00	30.33 -1.15 -0.18	27.91 -1.06 -0.61	35.34 -1.36 -0.08	38.78 -1.55 -0.19	39.31 -1.55 -0.40	38.88 -1.52 -0.37	36.09 -1.36 -0.11	37.94 -1.48 -0.16	37.14 -1.45 0.00	38.90 -1.54 -0.75	40.09 -1.53 -0.42

SITHE___BATAVIA 24024	61.14 -0.90 0.00	58.17 -1.01 0.00	60.30 -0.58 0.00	54.85 -0.56 0.00	46.73 -0.77 0.00	42.98 -0.71 0.00	38.06 -0.98 -0.08	31.68 -1.15 0.00	27.60 -0.78 0.00	25.15 -0.97 1.26	26.26 -1.28 0.00	34.98 -1.63 0.00	33.50 -1.80 0.00	27.70 -1.63 1.99	26.19 -1.75 0.41	34.77 -2.03 -0.18	38.46 -2.06 -0.38	38.77 -1.70 0.00	36.47 -1.60 1.96	30.88 -1.53 4.93	34.48 -1.59 3.19	36.69 -1.79 0.11	39.66 -1.64 -1.61	40.30 -1.80 -0.90
SITHE___INDEPEND 23800	60.27 -1.77 0.00	57.47 -1.72 0.00	59.13 -1.75 0.00	53.81 -1.60 0.00	46.12 -1.38 0.00	42.38 -1.31 0.00	37.68 -1.31 -0.04	31.69 -1.14 0.00	27.43 -0.95 0.00	26.44 -0.96 0.00	26.53 -1.01 0.00	35.27 -1.34 0.00	34.01 -1.28 0.00	30.33 -1.16 -0.18	27.90 -1.06 -0.61	35.33 -1.37 -0.08	38.78 -1.55 -0.19	39.31 -1.55 -0.40	38.88 -1.52 -0.37	36.09 -1.36 -0.11	37.94 -1.48 -0.16	37.14 -1.45 0.00	38.90 -1.54 -0.75	40.10 -1.52 -0.42
SITHE___MASSENA 23902	60.43 -1.61 0.00	57.80 -1.39 0.00	59.95 -0.92 0.00	54.19 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.46 0.00	37.57 -1.39 -0.01	31.43 -1.40 0.00	27.35 -1.03 0.00	26.45 -0.95 0.00	26.52 -1.02 0.00	35.91 -0.69 0.00	34.35 -0.94 0.00	30.23 -1.13 -0.05	27.63 -0.88 -0.16	35.46 -1.18 -0.02	38.69 -1.48 -0.04	38.51 -2.06 -0.10	37.60 -2.43 0.00	35.20 -2.15 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.52 -1.18 0.00	39.80 -1.40 0.00
SITHE___OGDNSBRG 24021	61.48 -0.56 0.00	58.75 -0.43 0.00	60.97 0.10 0.00	55.06 -0.35 0.00	46.64 -0.86 0.00	42.96 -0.73 0.00	38.22 -0.75 -0.01	32.00 -0.83 0.00	27.84 -0.54 0.00	26.93 -0.46 0.00	26.99 -0.54 0.00	36.48 -0.12 0.00	34.93 -0.36 0.00	30.69 -0.68 -0.06	28.04 -0.51 -0.19	36.06 -0.59 -0.03	39.51 -0.69 -0.06	39.37 -1.21 -0.13	38.42 -1.64 -0.03	35.86 -1.49 0.00	37.92 -1.34 0.00	37.52 -1.07 0.00	39.15 -0.54 0.00	40.42 -0.78 0.00
SITHE___STERLING 23777	63.13 1.09 0.00	60.21 1.03 0.00	61.99 1.11 0.00	56.36 0.95 0.00	48.34 0.84 0.00	44.53 0.84 0.00	39.72 0.74 -0.03	33.48 0.65 0.00	28.94 0.55 0.00	27.80 0.41 0.00	27.95 0.41 0.00	37.27 0.66 0.00	35.94 0.64 0.00	32.07 0.60 -0.17	29.52 0.60 -0.57	37.53 0.83 -0.07	41.25 0.93 -0.18	41.65 0.82 -0.37	41.12 0.76 -0.33	38.10 0.66 -0.09	40.08 0.68 -0.14	39.19 0.60 0.00	40.90 0.54 -0.67	42.09 0.52 -0.37
SLEIGHT__34_KV_TB1 80719	60.79 -1.25 0.00	57.91 -1.28 0.00	59.73 -1.15 0.00	54.36 -1.05 0.00	46.46 -1.03 0.00	42.77 -0.93 0.00	38.05 -0.97 -0.07	31.91 -0.92 0.00	27.68 -0.70 0.00	26.09 -0.76 0.54	26.66 -0.88 0.00	35.49 -1.12 0.00	34.19 -1.11 0.00	30.59 -1.06 -0.33	28.36 -1.08 -1.09	35.50 -1.27 -0.15	39.17 -1.33 -0.36	39.98 -1.23 -0.75	39.53 -1.19 -0.69	36.19 -1.15 0.01	38.31 -1.25 -0.30	37.35 -1.23 0.00	39.82 -1.27 -1.39	40.66 -1.33 -0.78
SOUTH CAIRO___GT 23612	66.39 4.35 0.00	63.23 4.05 0.00	64.84 3.96 0.00	59.04 3.63 0.00	50.58 3.08 0.00	46.57 2.87 0.00	43.55 2.76 -1.84	38.76 2.45 -3.48	31.22 2.03 -0.80	29.57 1.87 -0.31	31.03 1.63 -1.85	39.08 2.16 -0.31	38.24 2.20 -0.75	37.74 2.17 -4.27	42.56 1.84 -12.36	41.08 2.89 -1.58	48.07 3.48 -4.45	58.04 3.52 -14.06	56.09 3.47 -12.58	45.84 3.08 -5.41	45.59 3.21 -3.12	42.37 3.12 -0.67	58.51 3.09 -15.73	52.51 3.07 -8.24
SOUTH HAMPTN___IC 23720	65.49 3.45 0.00	62.98 3.79 0.00	63.86 2.99 0.00	58.37 2.96 0.00	50.40 2.90 0.00	46.48 2.79 0.00	45.39 3.10 -3.34	43.53 2.35 -8.35	32.73 2.43 -1.93	30.12 1.99 -0.73	34.37 2.39 -4.45	40.24 2.88 -0.76	39.86 2.76 -1.81	38.80 2.53 -4.96	42.35 2.31 -11.68	54.24 3.03 -14.59	48.80 3.74 -4.93	65.93 3.77 -21.70	62.76 3.51 -19.21	50.21 3.11 -9.75	44.86 2.83 -2.76	43.22 3.06 -1.57	58.69 3.00 -16.00	51.72 2.91 -7.61
SOUTHDOW_115KV_TB1 355954	62.23 0.19 0.00	59.34 0.15 0.00	61.82 0.95 0.00	56.25 0.84 0.00	47.80 0.30 0.00	43.72 0.03 0.00	38.75 -0.31 -0.10	32.03 -0.81 0.00	27.91 -0.47 0.00	25.04 -0.44 1.91	26.85 -0.69 0.00	35.73 -0.88 0.00	34.29 -1.01 0.00	27.96 -1.02 2.33	26.79 -1.09 0.47	35.50 -1.34 -0.22	39.04 -1.58 -0.48	39.16 -1.37 -0.06	36.54 -1.21 2.27	29.98 -1.35 6.02	34.00 -1.50 3.77	36.86 -1.60 0.13	40.38 -1.33 -2.01	41.16 -1.17 -1.13
SOUTHOLD_69_KV_BK 2 55809	65.19 3.15 0.00	62.73 3.55 0.00	63.88 3.01 0.00	58.04 2.63 0.00	50.31 2.81 0.00	46.43 2.74 0.00	45.26 2.98 -3.34	43.40 2.22 -8.35	32.73 2.43 -1.93	30.17 2.05 -0.73	34.46 2.47 -4.45	40.37 3.00 -0.76	39.97 2.87 -1.81	38.78 2.51 -4.96	42.23 2.20 -11.68	54.09 2.89 -14.59	48.69 3.63 -4.93	65.82 3.66 -21.70	62.65 3.41 -19.21	50.14 3.04 -9.75	44.74 2.72 -2.76	43.08 2.92 -1.57	58.50 2.80 -16.00	51.49 2.67 -7.61
SOUTHOLD___IC 23719	65.19 3.15 0.00	62.73 3.54 0.00	63.88 3.00 0.00	58.04 2.63 0.00	50.31 2.81 0.00	46.43 2.74 0.00	45.27 2.98 -3.34	43.40 2.22 -8.35	32.73 2.43 -1.93	30.17 2.05 -0.73	34.46 2.47 -4.45	40.36 3.00 -0.76	39.97 2.87 -1.81	38.78 2.51 -4.96	42.23 2.20 -11.68	54.10 2.89 -14.59	48.70 3.63 -4.93	65.81 3.66 -21.70	62.65 3.40 -19.21	50.14 3.05 -9.75	44.74 2.72 -2.76	43.08 2.92 -1.57	58.50 2.80 -16.00	51.49 2.68 -7.61
SOUTH_FORK_WT_PWR 323839	64.43 2.39 0.00	62.07 2.88 0.00	63.40 2.52 0.00	57.33 1.92 0.00	49.84 2.34 0.00	46.03 2.33 0.00	44.83 2.54 -3.34	42.98 1.79 -8.35	32.48 2.18 -1.93	29.98 1.86 -0.73	34.32 2.33 -4.45	40.19 2.82 -0.76	39.80 2.70 -1.81	38.51 2.24 -4.96	41.88 1.85 -11.68	53.61 2.40 -14.59	48.15 3.09 -4.93	65.26 3.10 -21.70	62.10 2.86 -19.21	49.69 2.60 -9.75	44.22 2.20 -2.76	42.55 2.40 -1.57	57.96 2.27 -16.00	50.90 2.09 -7.61
SPIERFLS_115KV_TB 1 80737	65.96 3.92 0.00	62.98 3.79 0.00	64.49 3.62 0.00	58.76 3.35 0.00	50.54 3.04 0.00	46.63 2.94 0.00	43.43 2.89 -1.59	37.92 2.56 -2.53	31.11 2.15 -0.58	29.63 2.02 -0.22	30.99 2.11 -1.35	39.69 2.85 -0.23	38.62 2.78 -0.55	38.10 2.45 -4.34	43.83 2.28 -13.20	41.23 2.91 -1.71	48.07 3.36 -4.57	56.71 3.34 -12.91	55.01 3.34 -11.63	44.98 3.01 -4.62	45.77 3.14 -3.37	42.06 2.99 -0.48	59.41 3.20 -16.52	53.16 3.11 -8.84
ST LAWRENCE____ 23600	59.65 -2.39 0.00	57.08 -2.11 0.00	59.22 -1.65 0.00	53.55 -1.86 0.00	45.34 -2.15 0.00	41.72 -1.97 0.00	37.10 -1.85 0.00	31.05 -1.79 0.00	27.01 -1.37 0.00	26.12 -1.27 0.00	26.20 -1.33 0.00	35.47 -1.14 0.00	33.93 -1.37 0.00	29.82 -1.49 0.00	27.15 -1.20 0.00	35.02 -1.60 0.00	38.17 -1.96 0.00	37.92 -2.54 0.00	37.13 -2.90 0.00	34.79 -2.56 0.00	36.77 -2.49 0.00	36.43 -2.15 0.00	38.11 -1.59 0.00	39.37 -1.83 0.00
STATE_CA_115KV_115_LB 55624	63.50 1.47 0.00	60.64 1.45 0.00	62.19 1.31 0.00	56.65 1.24 0.00	48.53 1.03 0.00	44.61 0.92 0.00	41.51 0.92 -1.64	36.39 0.82 -2.74	29.71 0.70 -0.63	28.46 0.83 -0.24	29.86 0.86 -1.46	37.98 1.13 -0.25	37.03 1.14 -0.59	36.63 1.02 -4.30	42.18 0.87 -12.95	39.41 1.12 -1.67	45.92 1.26 -4.52	54.78 1.22 -13.10	53.03 1.22 -11.79	43.22 1.09 -4.77	43.76 1.19 -3.30	40.27 1.17 -0.52	57.17 1.22 -16.26	51.03 1.16 -8.66

STATE_ST_34_KV_LOAD 55959	62.08 0.04 0.00	59.15 -0.04 0.00	60.85 -0.03 0.00	55.39 -0.02 0.00	47.47 -0.03 0.00	43.64 -0.05 0.00	38.94 -0.09 -0.07	32.82 -0.02 0.00	28.37 -0.01 0.00	27.76 -0.12 -0.49	27.36 -0.18 0.00	36.48 -0.13 0.00	35.18 -0.11 0.00	31.56 -0.11 -0.36	29.51 -0.13 -0.29	36.70 -0.09 -0.16	40.51 -0.02 -0.40	41.18 -0.09 -0.81	40.85 0.07 -0.75	37.73 -0.02 -0.40	39.61 0.02 -0.33	38.54 -0.04 0.00	41.00 -0.20 -1.51	41.99 -0.06 -0.85
STATION 5_MISC_HYD 23604	60.54 -1.50 0.00	57.65 -1.54 0.00	59.62 -1.25 0.00	54.24 -1.17 0.00	46.28 -1.22 0.00	42.55 -1.14 0.00	37.78 -1.24 -0.07	31.57 -1.27 0.00	27.41 -0.96 0.00	25.37 -1.06 0.97	26.35 -1.19 0.00	35.09 -1.52 0.00	33.71 -1.58 0.00	29.55 -1.51 0.25	27.45 -1.56 -0.66	34.90 -1.87 -0.15	38.50 -2.00 -0.36	39.19 -1.82 -0.55	38.24 -1.81 -0.02	34.27 -1.74 1.34	36.87 -1.82 0.57	36.76 -1.80 0.03	39.37 -1.74 -1.41	40.15 -1.84 -0.79
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.38 -0.65 0.00	58.49 -0.70 0.00	60.35 -0.52 0.00	54.91 -0.50 0.00	46.97 -0.53 0.00	43.19 -0.50 0.00	38.45 -0.58 -0.07	32.20 -0.63 0.00	27.94 -0.44 0.00	25.93 -0.52 0.94	26.89 -0.65 0.00	35.79 -0.82 0.00	34.46 -0.83 0.00	30.83 -0.83 -0.34	28.56 -0.87 -1.08	35.78 -0.99 -0.15	39.53 -0.98 -0.37	40.40 -0.83 -0.77	39.94 -0.79 -0.71	36.38 -0.81 0.16	38.68 -0.89 -0.31	37.70 -0.89 0.00	40.23 -0.89 -1.43	41.06 -0.94 -0.80
STA_56_34_KV_BUS2_REV_LBMP_B 345033	60.29 -1.75 0.00	57.42 -1.77 0.00	59.36 -1.51 0.00	53.99 -1.41 0.00	46.10 -1.40 0.00	42.40 -1.30 0.00	37.64 -1.38 -0.07	31.46 -1.37 0.00	27.34 -1.04 0.00	25.33 -1.12 0.94	26.27 -1.27 0.00	34.99 -1.62 0.00	33.65 -1.65 0.00	30.07 -1.57 -0.34	27.81 -1.60 -1.06	34.84 -1.94 -0.15	38.43 -2.07 -0.37	39.31 -1.91 -0.75	38.83 -1.90 -0.70	35.37 -1.82 0.17	37.63 -1.93 -0.31	36.72 -1.87 0.00	39.25 -1.84 -1.41	40.04 -1.94 -0.79
STA_56___34_KV_BUS2 355983	60.29 -1.75 0.00	57.42 -1.77 0.00	59.36 -1.51 0.00	53.99 -1.41 0.00	46.10 -1.40 0.00	42.40 -1.30 0.00	37.64 -1.38 -0.07	31.46 -1.37 0.00	27.34 -1.04 0.00	25.33 -1.12 0.94	26.27 -1.27 0.00	34.99 -1.62 0.00	33.65 -1.65 0.00	30.07 -1.57 -0.34	27.81 -1.60 -1.06	34.84 -1.94 -0.15	38.43 -2.07 -0.37	39.31 -1.91 -0.75	38.83 -1.90 -0.70	35.37 -1.82 0.17	37.63 -1.93 -0.31	36.72 -1.87 0.00	39.25 -1.84 -1.41	40.04 -1.94 -0.79
STA_67___115KV_BK2 355882	60.41 -1.63 0.00	57.53 -1.65 0.00	59.52 -1.36 0.00	54.14 -1.27 0.00	46.19 -1.30 0.00	42.47 -1.22 0.00	37.70 -1.33 -0.07	31.48 -1.35 0.00	27.36 -1.02 0.00	25.32 -1.11 0.96	26.28 -1.26 0.00	35.01 -1.60 0.00	33.65 -1.65 0.00	29.46 -1.59 0.26	27.38 -1.62 -0.65	34.81 -1.97 -0.15	38.39 -2.11 -0.36	39.06 -1.94 -0.54	38.10 -1.93 0.00	34.14 -1.84 1.37	36.72 -1.95 0.59	36.67 -1.89 0.03	39.27 -1.84 -1.41	40.05 -1.94 -0.79
STA_7___115KV_9TRANS 80674	60.82 -1.22 0.00	57.90 -1.29 0.00	59.89 -0.98 0.00	54.47 -0.93 0.00	46.49 -1.01 0.00	42.74 -0.96 0.00	37.95 -1.08 -0.07	31.70 -1.13 0.00	27.55 -0.83 0.00	25.50 -0.92 0.97	26.46 -1.08 0.00	35.27 -1.33 0.00	33.90 -1.40 0.00	29.70 -1.36 0.25	27.60 -1.41 -0.66	35.08 -1.69 -0.15	38.71 -1.78 -0.36	39.42 -1.59 -0.55	38.47 -1.57 -0.02	34.49 -1.52 1.34	37.06 -1.63 0.57	36.98 -1.58 0.03	39.57 -1.53 -1.41	40.36 -1.63 -0.79
STA_82___115KV_TB1 80780	60.43 -1.61 0.00	57.55 -1.64 0.00	59.53 -1.34 0.00	54.15 -1.26 0.00	46.21 -1.29 0.00	42.48 -1.21 0.00	37.71 -1.31 -0.07	31.50 -1.33 0.00	27.37 -1.01 0.00	25.33 -1.09 0.98	26.28 -1.25 0.00	35.02 -1.58 0.00	33.65 -1.64 0.00	30.07 -1.58 -0.34	27.81 -1.62 -1.07	34.82 -1.96 -0.15	38.42 -2.09 -0.37	39.31 -1.92 -0.76	38.82 -1.91 -0.71	35.36 -1.82 0.17	37.63 -1.93 -0.31	36.71 -1.87 0.00	39.29 -1.82 -1.42	40.08 -1.91 -0.80
STEEL___WIND 323596	60.41 -1.63 0.00	57.55 -1.64 0.00	59.63 -1.24 0.00	54.37 -1.04 0.00	46.16 -1.34 0.00	42.43 -1.26 0.00	37.44 -1.60 -0.09	31.09 -1.74 0.00	27.07 -1.31 0.00	24.36 -1.36 1.68	25.92 -1.61 0.00	34.46 -2.15 0.00	33.06 -2.23 0.00	25.00 -2.13 4.18	24.37 -2.19 1.80	34.15 -2.68 -0.21	37.58 -2.97 -0.42	37.10 -2.69 0.67	32.97 -2.62 4.44	25.32 -2.50 9.53	30.22 -2.54 6.50	35.74 -2.64 0.21	39.12 -2.46 -1.88	39.75 -2.51 -1.05
STEPHTWN_115KV_BK_2 55603	63.90 1.86 0.00	61.01 1.82 0.00	62.64 1.77 0.00	57.02 1.61 0.00	48.85 1.35 0.00	44.96 1.26 0.00	41.92 1.31 -1.66	36.81 1.15 -2.82	29.97 0.94 -0.65	28.69 1.05 -0.25	30.13 1.09 -1.50	38.26 1.40 -0.26	37.27 1.36 -0.61	36.87 1.27 -4.28	42.30 1.11 -12.84	39.78 1.50 -1.65	46.37 1.74 -4.50	55.39 1.75 -13.18	53.62 1.74 -11.85	43.71 1.52 -4.84	44.16 1.63 -3.27	40.68 1.56 -0.54	57.48 1.64 -16.15	51.36 1.57 -8.59
STEUBEN_REC_LFGE 323667	59.90 -2.14 0.00	57.09 -2.09 0.00	59.02 -1.86 0.00	54.00 -1.41 0.00	45.96 -1.54 0.00	42.17 -1.52 0.00	37.48 -1.60 -0.13	31.08 -1.76 0.00	27.01 -1.37 0.00	20.76 -1.39 5.25	26.03 -1.51 0.00	34.69 -1.92 0.00	33.20 -2.09 0.00	39.12 -1.97 -9.78	34.44 -1.82 -7.91	34.80 -2.10 -0.28	38.97 -2.00 -0.83	43.31 -1.87 -4.71	49.98 -1.97 -11.92	51.63 -2.15 -16.43	51.40 -2.08 -14.22	36.76 -2.24 -0.41	40.05 -2.21 -2.57	40.57 -2.08 -1.44
STILLWATER___SOLAR 323814	65.10 3.06 0.00	62.17 2.99 0.00	63.75 2.88 0.00	58.07 2.66 0.00	49.86 2.37 0.00	45.98 2.29 0.00	42.80 2.24 -1.60	37.41 1.98 -2.59	30.64 1.66 -0.60	29.19 1.57 -0.23	30.55 1.64 -1.38	39.08 2.24 -0.24	38.06 2.20 -0.56	37.64 1.99 -4.33	43.33 1.83 -13.15	40.68 2.36 -1.70	47.40 2.70 -4.57	56.12 2.67 -12.99	54.39 2.66 -11.70	44.43 2.41 -4.68	45.17 2.55 -3.36	41.53 2.45 -0.49	58.73 2.56 -16.47	52.52 2.51 -8.80
STONY___BROOK 24151	65.69 3.65 0.00	62.94 3.76 0.00	63.97 3.10 0.00	58.64 3.23 0.00	50.42 2.93 0.00	46.44 2.74 0.00	45.25 2.96 -3.34	43.58 2.39 -8.35	32.53 2.22 -1.93	30.03 1.90 -0.73	34.17 2.18 -4.45	40.02 2.66 -0.76	39.63 2.53 -1.81	38.71 2.44 -4.96	42.35 2.31 -11.68	54.25 3.00 -14.63	48.79 3.73 -4.93	66.00 3.84 -21.70	62.75 3.51 -19.21	50.16 3.06 -9.75	45.00 2.98 -2.76	43.29 3.13 -1.57	58.76 3.07 -16.00	51.85 3.04 -7.61
STURGEON_POOL_HYD 23609	64.67 2.63 0.00	61.81 2.62 0.00	63.59 2.72 0.00	57.98 2.57 0.00	49.83 2.33 0.00	45.91 2.22 0.00	43.44 2.21 -2.28	39.84 1.95 -5.06	31.20 1.66 -1.17	29.43 1.59 -0.44	31.85 1.62 -2.69	39.07 2.01 -0.46	38.32 1.93 -1.09	37.30 1.73 -4.26	41.37 1.65 -11.37	40.14 2.11 -1.41	46.98 2.46 -4.38	59.33 2.62 -16.25	56.99 2.55 -14.41	46.50 2.35 -6.80	44.48 2.42 -2.80	41.97 2.40 -0.99	57.00 2.42 -14.89	51.09 2.37 -7.51
ST_LAW_115_BK7_LBMP 345037	59.67 -2.37 0.00	57.11 -2.08 0.00	59.26 -1.61 0.00	53.56 -1.85 0.00	45.35 -2.15 0.00	41.73 -1.96 0.00	37.10 -1.85 0.00	31.05 -1.79 0.00	27.01 -1.36 0.00	26.12 -1.27 0.00	26.21 -1.33 0.00	35.48 -1.13 0.00	33.94 -1.36 0.00	29.82 -1.49 0.00	27.15 -1.21 0.00	35.01 -1.61 0.00	38.17 -1.97 0.00	37.89 -2.57 0.00	37.11 -2.91 0.00	34.77 -2.58 0.00	36.75 -2.51 0.00	36.43 -2.16 0.00	38.10 -1.59 0.00	39.36 -1.84 0.00

ST_LAW_115_BK8_LBMP 345038	59.67 -2.37 0.00	57.11 -2.08 0.00	59.26 -1.61 0.00	53.56 -1.85 0.00	45.35 -2.15 0.00	41.73 -1.96 0.00	37.10 -1.85 0.00	31.05 -1.79 0.00	27.01 -1.36 0.00	26.12 -1.27 0.00	26.21 -1.33 0.00	35.48 -1.13 0.00	33.94 -1.36 0.00	29.82 -1.49 0.00	27.15 -1.21 0.00	35.01 -1.61 0.00	38.17 -1.97 0.00	37.89 -2.57 0.00	37.11 -2.91 0.00	34.77 -2.58 0.00	36.75 -2.51 0.00	36.43 -2.16 0.00	38.10 -1.59 0.00	39.36 -1.84 0.00
ST_LAW_230_BK5_LBMP 345035	59.65 -2.39 0.00	57.08 -2.11 0.00	59.22 -1.65 0.00	53.55 -1.86 0.00	45.34 -2.15 0.00	41.72 -1.97 0.00	37.10 -1.85 0.00	31.05 -1.79 0.00	27.01 -1.37 0.00	26.12 -1.27 0.00	26.20 -1.33 0.00	35.47 -1.14 0.00	33.93 -1.37 0.00	29.82 -1.49 0.00	27.15 -1.20 0.00	35.02 -1.60 0.00	38.17 -1.96 0.00	37.92 -2.54 0.00	37.13 -2.90 0.00	34.79 -2.56 0.00	36.77 -2.49 0.00	36.43 -2.15 0.00	38.11 -1.59 0.00	39.37 -1.83 0.00
ST_LAW_230_BK6_LBMP 345036	59.65 -2.39 0.00	57.08 -2.11 0.00	59.22 -1.65 0.00	53.55 -1.86 0.00	45.34 -2.15 0.00	41.72 -1.97 0.00	37.10 -1.85 0.00	31.05 -1.79 0.00	27.01 -1.37 0.00	26.12 -1.27 0.00	26.20 -1.33 0.00	35.47 -1.14 0.00	33.93 -1.37 0.00	29.82 -1.49 0.00	27.15 -1.20 0.00	35.02 -1.60 0.00	38.17 -1.96 0.00	37.92 -2.54 0.00	37.13 -2.90 0.00	34.79 -2.56 0.00	36.77 -2.49 0.00	36.43 -2.15 0.00	38.11 -1.59 0.00	39.37 -1.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	64.66 2.62 0.00	61.80 2.61 0.00	63.59 2.72 0.00	57.98 2.57 0.00	49.79 2.30 0.00	45.85 2.16 0.00	44.87 2.12 -3.80	44.56 1.85 -9.89	32.18 1.52 -2.28	29.72 1.46 -0.87	34.29 1.48 -5.27	39.36 1.85 -0.90	39.23 1.80 -2.14	38.07 1.64 -5.12	41.17 1.55 -11.27	34.66 1.95 3.91	47.47 2.28 -5.06	67.27 2.41 -24.40	63.87 2.38 -21.46	50.82 2.16 -11.31	44.08 2.22 -2.60	42.66 2.17 -1.91	57.80 2.24 -15.87	50.64 2.16 -7.28
SWANROAD_115KV_TB1 355699	58.36 -3.68 0.00	55.54 -3.65 0.00	57.70 -3.17 0.00	52.47 -2.93 0.00	44.62 -2.88 0.00	41.02 -2.67 0.00	36.17 -2.87 -0.09	29.94 -2.90 0.00	26.17 -2.21 0.00	23.71 -2.22 1.46	24.90 -2.64 0.00	33.10 -3.50 0.00	31.73 -3.56 0.00	25.01 -3.18 3.12	24.07 -3.21 1.08	32.62 -4.19 -0.19	35.91 -4.62 -0.40	35.84 -4.28 0.35	32.72 -4.07 3.24	26.40 -3.69 7.25	30.49 -3.87 4.90	34.36 -4.07 0.16	37.59 -3.85 -1.74	38.14 -4.04 -0.98
SYNERGY___BIOGAS 323694	61.14 -0.90 0.00	58.17 -1.01 0.00	60.30 -0.58 0.00	54.85 -0.56 0.00	46.73 -0.77 0.00	42.98 -0.71 0.00	38.06 -0.98 -0.08	31.68 -1.15 0.00	27.60 -0.78 0.00	25.15 -0.97 1.26	26.26 -1.28 0.00	34.98 -1.63 0.00	33.50 -1.80 0.00	27.70 -1.63 1.99	26.19 -1.75 0.41	34.77 -2.03 -0.18	38.46 -2.06 -0.38	38.77 -1.70 0.00	36.47 -1.60 1.96	30.88 -1.53 4.93	34.48 -1.59 3.19	36.69 -1.79 0.11	39.66 -1.64 -1.61	40.30 -1.80 -0.90
SYRACUSE___ENERGY_ST1 323597	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
SYRACUSE___ENERGY_ST2 323598	61.71 -0.33 0.00	58.82 -0.36 0.00	60.52 -0.36 0.00	55.08 -0.33 0.00	47.20 -0.29 0.00	43.41 -0.28 0.00	38.69 -0.33 -0.06	32.53 -0.30 0.00	28.14 -0.24 0.00	27.12 -0.28 0.00	27.20 -0.34 0.00	36.18 -0.42 0.00	34.89 -0.40 0.00	31.25 -0.36 -0.29	29.02 -0.33 -0.99	36.38 -0.38 -0.13	40.05 -0.40 -0.32	40.72 -0.39 -0.65	40.28 -0.36 -0.60	37.20 -0.33 -0.17	39.16 -0.37 -0.27	38.20 -0.39 0.00	40.44 -0.46 -1.22	41.45 -0.43 -0.68
SYRACUSE___POWER 24017	61.76 -0.28 0.00	58.87 -0.31 0.00	60.58 -0.29 0.00	55.12 -0.28 0.00	47.26 -0.24 0.00	43.45 -0.24 0.00	38.73 -0.29 -0.06	32.55 -0.29 0.00	28.15 -0.23 0.00	27.49 -0.26 -0.35	27.23 -0.31 0.00	36.20 -0.40 0.00	34.91 -0.39 0.00	31.29 -0.33 -0.30	29.12 -0.31 -1.08	36.39 -0.37 -0.14	40.08 -0.38 -0.33	40.80 -0.34 -0.68	40.34 -0.32 -0.63	37.37 -0.30 -0.32	39.20 -0.34 -0.28	38.22 -0.37 0.00	40.54 -0.43 -1.27	41.50 -0.41 -0.71
TALLMAN___138KV_BK151 55660	64.82 2.78 0.00	61.99 2.80 0.00	63.82 2.95 0.00	58.20 2.79 0.00	50.01 2.51 0.00	46.04 2.35 0.00	45.75 2.33 -4.46	46.74 2.01 -11.89	32.78 1.66 -2.74	30.04 1.60 -1.05	35.52 1.64 -6.33	39.74 2.05 -1.08	39.85 1.99 -2.57	38.76 1.79 -5.66	41.85 1.67 -11.83	33.13 2.07 5.56	48.05 2.43 -5.49	70.84 2.57 -27.81	67.08 2.54 -24.51	52.75 2.31 -13.09	44.31 2.37 -2.68	43.16 2.33 -2.25	59.09 2.41 -16.99	51.12 2.32 -7.59
TEALLAVE_115KV_TB7 355573	61.41 -0.63 0.00	58.54 -0.64 0.00	60.25 -0.63 0.00	54.84 -0.57 0.00	46.99 -0.50 0.00	43.23 -0.46 0.00	38.48 -0.52 -0.05	32.36 -0.48 0.00	27.99 -0.39 0.00	26.98 -0.42 0.00	27.06 -0.47 0.00	35.98 -0.63 0.00	34.69 -0.60 0.00	31.04 -0.53 -0.25	28.73 -0.49 -0.87	36.14 -0.60 -0.12	39.75 -0.66 -0.28	40.40 -0.63 -0.57	39.95 -0.61 -0.53	36.95 -0.55 -0.15	38.87 -0.62 -0.23	37.95 -0.63 0.00	40.06 -0.70 -1.06	41.10 -0.70 -0.60
TELGRAPH_34_KV_EAST 80808	59.91 -2.14 0.00	57.00 -2.18 0.00	59.15 -1.72 0.00	53.81 -1.60 0.00	45.78 -1.73 0.00	42.10 -1.59 0.00	37.20 -1.83 -0.08	30.87 -1.97 0.00	26.95 -1.43 0.00	24.52 -1.53 1.35	25.67 -1.87 0.00	34.16 -2.45 0.00	32.74 -2.55 0.00	26.44 -2.34 2.52	25.20 -2.41 0.75	33.79 -3.02 -0.18	37.25 -3.27 -0.39	37.33 -2.96 0.17	34.62 -2.84 2.57	28.69 -2.61 6.04	32.50 -2.75 4.00	35.58 -2.87 0.13	38.67 -2.69 -1.67	39.28 -2.85 -0.93
TEMPLE___115KV_TB 2 55572	61.46 -0.58 0.00	58.58 -0.61 0.00	60.30 -0.57 0.00	54.87 -0.54 0.00	47.03 -0.47 0.00	43.23 -0.46 0.00	38.52 -0.49 -0.05	32.38 -0.46 0.00	28.00 -0.38 0.00	26.99 -0.41 0.00	27.08 -0.46 0.00	36.00 -0.60 0.00	34.71 -0.58 0.00	31.06 -0.51 -0.26	28.76 -0.47 -0.88	36.15 -0.58 -0.12	39.79 -0.63 -0.28	40.43 -0.60 -0.58	39.99 -0.58 -0.53	36.98 -0.52 -0.15	38.89 -0.60 -0.23	37.98 -0.60 0.00	40.10 -0.67 -1.08	41.15 -0.66 -0.60
TIANA____69_KV_BK 1 55817	65.55 3.51 0.00	63.02 3.83 0.00	63.85 2.98 0.00	58.44 3.03 0.00	50.41 2.91 0.00	46.49 2.79 0.00	45.41 3.12 -3.34	43.57 2.38 -8.35	32.71 2.41 -1.93	30.09 1.96 -0.73	34.33 2.34 -4.45	40.18 2.82 -0.76	39.80 2.70 -1.81	38.79 2.52 -4.96	42.36 2.33 -11.68	54.26 3.05 -14.59	48.84 3.78 -4.93	65.97 3.81 -21.70	62.78 3.54 -19.21	50.23 3.13 -9.75	44.89 2.86 -2.76	43.26 3.10 -1.57	58.73 3.04 -16.00	51.77 2.96 -7.61
TILDEN___115KV_TB1 80814	61.76 -0.28 0.00	58.87 -0.31 0.00	60.58 -0.29 0.00	55.12 -0.28 0.00	47.26 -0.24 0.00	43.45 -0.24 0.00	38.73 -0.29 -0.06	32.55 -0.29 0.00	28.15 -0.23 0.00	27.49 -0.26 -0.35	27.23 -0.31 0.00	36.20 -0.40 0.00	34.91 -0.39 0.00	31.29 -0.33 -0.30	29.12 -0.31 -1.08	36.39 -0.37 -0.14	40.08 -0.38 -0.33	40.80 -0.34 -0.68	40.34 -0.32 -0.63	37.37 -0.30 -0.32	39.20 -0.34 -0.28	38.22 -0.37 0.00	40.54 -0.43 -1.27	41.50 -0.41 -0.71

TRIGEN___CC 323695	65.28 3.24 0.00	62.46 3.27 0.00	63.92 3.05 0.00	58.45 3.04 0.00	50.21 2.72 0.00	46.23 2.54 0.00	44.89 2.60 -3.34	43.37 2.18 -8.35	32.23 1.92 -1.93	29.92 1.79 -0.73	33.95 1.96 -4.45	39.80 2.44 -0.76	39.44 2.34 -1.81	38.48 2.21 -4.96	42.10 2.06 -11.68	60.90 2.60 -21.68	48.19 3.13 -4.93	65.39 3.23 -21.70	62.24 3.00 -19.21	49.77 2.68 -9.75	44.76 2.74 -2.76	42.95 2.79 -1.57	58.50 2.81 -16.00	51.59 2.78 -7.61
TRINITY___115KV___4 BK 55933	63.27 1.23 0.00	60.43 1.24 0.00	61.95 1.07 0.00	56.45 1.04 0.00	48.36 0.86 0.00	44.46 0.77 0.00	41.37 0.76 -1.65	36.33 0.70 -2.80	29.62 0.59 -0.65	28.37 0.73 -0.25	29.80 0.78 -1.49	37.84 0.98 -0.25	36.90 1.00 -0.60	36.50 0.90 -4.29	41.97 0.76 -12.86	39.24 0.96 -1.66	45.73 1.09 -4.51	54.66 1.05 -13.15	52.90 1.04 -11.83	43.10 0.93 -4.82	43.57 1.04 -3.28	40.13 1.02 -0.53	56.95 1.09 -16.17	50.83 1.03 -8.60
UNION___PROCESSING_DRP 323587	60.44 -1.60 0.00	57.56 -1.63 0.00	59.54 -1.33 0.00	54.15 -1.25 0.00	46.22 -1.28 0.00	42.50 -1.19 0.00	37.72 -1.30 -0.07	31.50 -1.33 0.00	27.38 -1.00 0.00	25.33 -1.09 0.98	26.29 -1.25 0.00	35.02 -1.58 0.00	33.65 -1.64 0.00	30.07 -1.58 -0.34	27.82 -1.61 -1.07	34.83 -1.95 -0.15	38.42 -2.08 -0.37	39.32 -1.91 -0.76	38.84 -1.90 -0.71	35.37 -1.81 0.17	37.64 -1.92 -0.31	36.73 -1.86 0.00	39.30 -1.81 -1.42	40.10 -1.90 -0.80
UPPER HUDSON___HYD 24058	65.96 3.92 0.00	62.98 3.79 0.00	64.49 3.62 0.00	58.76 3.35 0.00	50.54 3.04 0.00	46.63 2.94 0.00	43.43 2.89 -1.59	37.93 2.56 -2.53	31.12 2.16 -0.58	29.63 2.02 -0.22	30.99 2.11 -1.35	39.69 2.85 -0.23	38.62 2.78 -0.55	38.10 2.46 -4.34	43.83 2.28 -13.20	41.23 2.91 -1.71	48.07 3.36 -4.57	56.71 3.34 -12.91	55.00 3.34 -11.63	44.98 3.01 -4.62	45.77 3.14 -3.37	42.06 2.99 -0.48	59.41 3.21 -16.52	53.16 3.11 -8.84
UPPER RAQUET___HYD 24056	60.67 -1.37 0.00	57.89 -1.30 0.00	60.00 -0.87 0.00	54.19 -1.22 0.00	45.94 -1.56 0.00	42.32 -1.37 0.00	37.63 -1.33 -0.01	31.52 -1.31 0.00	27.43 -0.96 0.00	26.55 -0.84 0.00	26.63 -0.91 0.00	36.10 -0.51 0.00	34.58 -0.72 0.00	30.46 -0.91 -0.06	27.82 -0.75 -0.22	35.67 -0.98 -0.03	38.96 -1.24 -0.07	38.78 -1.83 -0.14	37.86 -2.20 -0.04	35.35 -2.00 0.00	37.30 -1.96 0.00	36.90 -1.69 0.00	38.43 -1.26 0.00	39.73 -1.48 0.00
VALLEY44_115KV_TB2 355964	62.31 0.27 0.00	59.48 0.29 0.00	61.93 1.06 0.00	56.44 1.03 0.00	47.98 0.47 0.00	43.65 -0.04 0.00	38.74 -0.32 -0.10	32.20 -0.63 0.00	27.91 -0.47 0.00	25.21 -0.22 1.97	27.23 -0.31 0.00	36.30 -0.30 0.00	34.77 -0.52 0.00	29.20 -0.49 1.61	27.73 -0.69 -0.07	35.93 -0.92 -0.23	39.60 -1.05 -0.51	39.92 -0.89 -0.35	37.86 -0.74 1.43	31.77 -0.93 4.65	35.64 -0.91 2.71	37.42 -1.07 0.10	40.83 -0.95 -2.08	41.65 -0.71 -1.17
VALLEY___115KV_TB 1-4 80826	62.23 0.19 0.00	59.27 0.08 0.00	60.84 -0.03 0.00	55.45 0.04 0.00	47.56 0.06 0.00	43.81 0.12 0.00	39.33 0.37 0.00	33.30 0.47 0.00	28.70 0.32 0.00	27.64 0.25 0.00	27.79 0.25 0.00	36.98 0.37 0.00	35.64 0.35 0.00	31.68 0.37 0.00	28.71 0.36 0.00	37.16 0.54 0.00	40.83 0.69 0.00	41.19 0.73 0.00	40.79 0.76 0.00	38.02 0.67 0.00	39.99 0.73 0.00	39.28 0.70 0.00	40.57 0.88 0.00	42.05 0.84 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	65.80 3.76 0.00	62.76 3.58 0.00	64.65 3.78 0.00	58.86 3.45 0.00	50.60 3.10 0.00	46.60 2.91 0.00	41.45 2.73 0.23	33.65 2.31 1.49	30.04 2.01 0.34	29.49 1.92 -0.17	28.68 1.94 0.79	39.04 2.57 0.13	37.40 2.43 0.32	34.44 2.22 -0.92	34.39 1.94 -4.10	39.79 2.60 -0.57	44.16 2.94 -1.08	43.64 3.04 -0.14	43.28 2.99 -0.26	39.50 2.73 0.57	43.24 2.86 -1.12	41.01 2.71 0.28	47.03 2.76 -4.58	46.90 2.89 -2.81
VISCHER___FERRY HYD 24020	64.19 2.15 0.00	61.31 2.12 0.00	62.82 1.94 0.00	57.23 1.81 0.00	49.12 1.62 0.00	45.30 1.60 0.00	42.20 1.60 -1.65	37.04 1.43 -2.78	30.23 1.21 -0.64	28.87 1.23 -0.24	30.31 1.30 -1.48	38.57 1.71 -0.25	37.59 1.69 -0.60	37.17 1.54 -4.33	42.74 1.39 -13.00	40.08 1.79 -1.68	46.66 1.98 -4.55	55.60 1.93 -13.21	53.86 1.95 -11.88	43.96 1.78 -4.82	44.49 1.92 -3.31	40.99 1.88 -0.53	58.00 1.97 -16.33	51.79 1.89 -8.70
V_A_10_SYNC_DSASP 323832	59.14 -2.90 0.00	56.32 -2.87 0.00	58.45 -2.43 0.00	53.18 -2.23 0.00	45.27 -2.23 0.00	41.57 -2.12 0.00	36.80 -2.23 -0.08	30.60 -2.24 0.00	26.63 -1.75 0.00	24.43 -1.79 1.18	25.55 -1.98 0.00	33.98 -2.62 0.00	32.59 -2.71 0.00	26.87 -2.55 1.89	25.36 -2.59 0.41	33.59 -3.20 -0.17	36.95 -3.56 -0.37	37.10 -3.38 -0.02	34.84 -3.34 1.85	29.45 -3.18 4.72	32.94 -3.28 3.04	35.28 -3.21 0.10	38.20 -3.05 -1.56	38.92 -3.15 -0.88
V_CMM_10_SYNC_DSASP 323787	60.04 -1.99 0.00	57.46 -1.73 0.00	59.63 -1.24 0.00	53.90 -1.51 0.00	45.64 -1.86 0.00	42.00 -1.69 0.00	37.34 -1.61 0.00	31.25 -1.59 0.00	27.18 -1.19 0.00	26.29 -1.10 0.00	26.37 -1.17 0.00	35.70 -0.90 0.00	34.14 -1.15 0.00	30.01 -1.30 0.00	27.31 -1.04 0.00	35.22 -1.40 0.00	38.40 -1.73 0.00	38.14 -2.33 0.00	37.35 -2.67 0.00	35.00 -2.35 0.00	36.98 -2.28 0.00	36.65 -1.94 0.00	38.33 -1.36 0.00	39.60 -1.60 0.00
V_CMP_10_SYNC_DSASP 323788	59.90 -2.14 0.00	57.50 -1.69 0.00	59.70 -1.18 0.00	54.17 -1.24 0.00	45.93 -1.57 0.00	42.26 -1.44 0.00	37.75 -1.20 0.00	31.62 -1.21 0.00	27.46 -0.93 0.00	26.55 -0.84 0.00	26.51 -1.03 0.00	36.05 -0.56 0.00	34.54 -0.75 0.00	30.47 -0.84 0.00	27.78 -0.58 0.00	35.75 -0.86 0.00	38.79 -1.35 0.00	38.52 -1.94 0.00	37.75 -2.28 0.00	35.37 -1.98 0.00	37.40 -1.85 0.00	36.93 -1.66 0.00	38.69 -1.00 0.00	39.84 -1.36 0.00
V_D_10_SYNC_DSASP 323841	60.41 -1.63 0.00	57.79 -1.40 0.00	59.95 -0.92 0.00	54.19 -1.22 0.00	45.89 -1.61 0.00	42.24 -1.46 0.00	37.56 -1.40 -0.01	31.43 -1.41 0.00	27.35 -1.03 0.00	26.45 -0.95 0.00	26.52 -1.02 0.00	35.91 -0.69 0.00	34.35 -0.94 0.00	30.23 -1.13 -0.05	27.63 -0.88 -0.16	35.46 -1.18 -0.02	38.69 -1.49 -0.04	38.50 -2.07 -0.10	37.60 -2.43 0.00	35.19 -2.16 0.00	37.20 -2.06 0.00	36.85 -1.73 0.00	38.52 -1.18 0.00	39.80 -1.40 0.00
V_E_10_SYNC_DSASP 323830	66.27 4.23 0.00	62.92 3.73 0.00	64.56 3.68 0.00	59.04 3.63 0.00	50.78 3.28 0.00	46.83 3.14 0.00	42.07 3.29 0.17	34.50 2.76 1.09	30.49 2.36 0.25	31.77 2.03 -2.35	28.94 1.99 0.58	39.22 2.71 0.10	37.33 2.27 0.24	34.86 2.13 -1.42	34.00 1.96 -3.69	39.80 2.78 -0.41	44.38 3.46 -0.78	44.50 3.71 -0.33	44.91 3.84 -1.03	42.73 3.44 -1.94	44.74 3.53 -1.95	41.65 3.24 0.17	46.22 3.26 -3.28	46.51 3.29 -2.01
V_F_30_NSYNC___DSASP 323816	65.16 3.12 0.00	62.23 3.04 0.00	63.81 2.94 0.00	58.12 2.71 0.00	49.91 2.41 0.00	46.02 2.33 0.00	42.82 2.27 -1.60	37.40 2.00 -2.56	30.65 1.68 -0.59	29.22 1.60 -0.23	30.56 1.66 -1.37	39.11 2.27 -0.23	38.09 2.24 -0.55	37.66 2.02 -4.34	43.37 1.85 -13.17	40.71 2.39 -1.70	47.43 2.73 -4.57	56.13 2.71 -12.96	54.38 2.68 -11.67	44.44 2.44 -4.65	45.19 2.57 -3.37	41.56 2.49 -0.49	58.77 2.59 -16.49	52.57 2.55 -8.82



V_F_30_SYNC_DSASP 323786	63.50 1.47 0.00	60.64 1.45 0.00	62.19 1.31 0.00	56.65 1.24 0.00	48.52 1.02 0.00	44.61 0.92 0.00	41.51 0.92 -1.64	36.40 0.82 -2.74	29.72 0.70 -0.63	28.46 0.83 -0.24	29.86 0.86 -1.46	37.97 1.12 -0.25	37.03 1.14 -0.59	36.63 1.02 -4.30	42.17 0.87 -12.94	39.40 1.12 -1.67	45.92 1.26 -4.52	54.79 1.22 -13.11	53.04 1.22 -11.79	43.22 1.09 -4.78	43.75 1.19 -3.30	40.27 1.16 -0.52	57.16 1.22 -16.26	51.02 1.16 -8.66
V_XM_10_SYNC_DSASP 323789	59.90 -2.14 0.00	57.50 -1.69 0.00	59.70 -1.18 0.00	54.17 -1.24 0.00	45.93 -1.57 0.00	42.26 -1.44 0.00	37.75 -1.20 0.00	31.62 -1.21 0.00	27.46 -0.93 0.00	26.55 -0.84 0.00	26.51 -1.03 0.00	36.05 -0.56 0.00	34.54 -0.75 0.00	30.47 -0.84 0.00	27.78 -0.58 0.00	35.75 -0.86 0.00	38.79 -1.35 0.00	38.52 -1.94 0.00	37.75 -2.28 0.00	35.37 -1.98 0.00	37.40 -1.85 0.00	36.93 -1.66 0.00	38.69 -1.00 0.00	39.84 -1.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	65.02 2.98 0.00	62.16 2.98 0.00	63.99 3.12 0.00	58.35 2.94 0.00	50.13 2.63 0.00	46.16 2.47 0.00	45.54 2.43 -4.17	45.91 2.11 -10.96	32.65 1.74 -2.53	30.04 1.69 -0.96	35.11 1.73 -5.84	39.78 2.17 -0.99	39.77 2.11 -2.37	38.67 1.90 -5.46	41.88 1.77 -11.75	32.86 2.21 5.97	48.05 2.59 -5.32	69.33 2.73 -26.14	65.80 2.70 -23.07	51.99 2.46 -12.18	44.48 2.53 -2.69	43.13 2.48 -2.07	58.92 2.56 -16.68	51.24 2.47 -7.57
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	65.29 3.25 0.00	62.43 3.25 0.00	64.25 3.37 0.00	58.57 3.16 0.00	50.30 2.80 0.00	46.29 2.60 0.00	44.85 2.55 -3.35	43.46 2.25 -8.38	32.23 1.92 -1.93	30.05 1.92 -0.74	34.00 2.00 -4.46	39.87 2.51 -0.76	39.53 2.42 -1.81	38.47 2.19 -4.97	42.06 2.02 -11.68	44.55 2.54 -5.40	47.97 2.90 -4.93	65.16 2.96 -21.74	62.20 2.92 -19.25	49.81 2.68 -9.77	44.82 2.79 -2.76	42.88 2.72 -1.58	58.45 2.76 -16.01	51.53 2.72 -7.61
W50THST__13_KV_LOAD 356117	65.68 3.64 0.00	62.79 3.61 0.00	64.62 3.76 0.00	58.93 3.52 0.00	50.61 3.11 0.00	46.58 2.88 0.00	45.09 2.79 -3.35	43.65 2.43 -8.38	32.40 2.09 -1.93	30.23 2.10 -0.74	34.18 2.18 -4.46	40.11 2.74 -0.76	39.75 2.65 -1.81	38.66 2.39 -4.97	42.21 2.17 -11.68	44.74 2.73 -5.40	48.17 3.11 -4.93	65.37 3.17 -21.74	62.40 3.12 -19.25	49.99 2.87 -9.77	45.00 2.98 -2.76	43.07 2.90 -1.58	58.63 2.93 -16.01	51.70 2.89 -7.61
WADING RIVER_IC_1 23522	65.15 3.11 0.00	62.70 3.51 0.00	63.24 2.37 0.00	58.11 2.70 0.00	50.04 2.54 0.00	46.11 2.42 0.00	45.18 2.89 -3.34	43.33 2.15 -8.35	32.50 2.20 -1.93	29.83 1.70 -0.73	34.10 2.12 -4.45	39.87 2.51 -0.76	39.50 2.40 -1.81	38.58 2.31 -4.96	42.23 2.19 -11.68	54.07 2.86 -14.58	48.52 3.45 -4.93	65.60 3.45 -21.70	62.46 3.21 -19.21	49.90 2.80 -9.75	44.52 2.50 -2.76	42.98 2.82 -1.57	58.46 2.77 -16.00	51.52 2.71 -7.61
WADING RIVER_IC_2 23547	65.15 3.11 0.00	62.70 3.51 0.00	63.24 2.37 0.00	58.11 2.70 0.00	50.04 2.54 0.00	46.11 2.42 0.00	45.18 2.89 -3.34	43.33 2.15 -8.35	32.50 2.20 -1.93	29.83 1.70 -0.73	34.10 2.12 -4.45	39.87 2.51 -0.76	39.50 2.40 -1.81	38.58 2.31 -4.96	42.23 2.19 -11.68	54.07 2.86 -14.58	48.52 3.45 -4.93	65.60 3.45 -21.70	62.46 3.21 -19.21	49.90 2.80 -9.75	44.52 2.50 -2.76	42.98 2.82 -1.57	58.46 2.77 -16.00	51.52 2.71 -7.61
WADING RIVER_IC_3 23601	65.15 3.11 0.00	62.70 3.51 0.00	63.24 2.37 0.00	58.11 2.70 0.00	50.04 2.54 0.00	46.11 2.42 0.00	45.18 2.89 -3.34	43.33 2.15 -8.35	32.50 2.20 -1.93	29.83 1.70 -0.73	34.10 2.12 -4.45	39.87 2.51 -0.76	39.50 2.40 -1.81	38.58 2.31 -4.96	42.23 2.19 -11.68	54.07 2.86 -14.58	48.52 3.45 -4.93	65.60 3.45 -21.70	62.46 3.21 -19.21	49.90 2.80 -9.75	44.52 2.50 -2.76	42.98 2.82 -1.57	58.46 2.77 -16.00	51.52 2.71 -7.61
WALDENNY_12_KV_BK2 80841	60.44 -1.60 0.00	57.53 -1.66 0.00	59.67 -1.21 0.00	54.32 -1.09 0.00	46.18 -1.32 0.00	42.42 -1.27 0.00	37.46 -1.58 -0.09	31.07 -1.77 0.00	27.08 -1.30 0.00	24.42 -1.31 1.66	25.92 -1.62 0.00	34.48 -2.12 0.00	33.08 -2.21 0.00	25.13 -2.12 4.06	24.47 -2.16 1.72	34.12 -2.71 -0.20	37.58 -2.97 -0.41	37.14 -2.69 0.63	33.11 -2.61 4.31	25.62 -2.45 9.28	30.39 -2.55 6.32	35.77 -2.61 0.20	39.14 -2.42 -1.87	39.75 -2.49 -1.05
WALDEN__HYDRO 24148	65.10 3.06 0.00	62.20 3.02 0.00	64.00 3.12 0.00	58.33 2.92 0.00	50.11 2.61 0.00	46.14 2.45 0.00	45.10 2.40 -3.75	44.60 2.10 -9.67	32.36 1.75 -2.23	29.90 1.66 -0.85	34.36 1.68 -5.15	39.58 2.10 -0.88	39.44 2.05 -2.09	38.37 1.88 -5.19	41.76 1.78 -11.62	38.58 2.29 0.33	48.00 2.68 -5.19	68.01 2.82 -24.72	64.47 2.79 -21.66	51.30 2.54 -11.42	44.58 2.62 -2.70	43.06 2.56 -1.91	58.56 2.60 -16.27	51.26 2.54 -7.52
WARRENSBURG____ 23737	65.96 3.92 0.00	62.98 3.79 0.00	64.49 3.62 0.00	58.76 3.35 0.00	50.54 3.04 0.00	46.63 2.94 0.00	43.43 2.89 -1.59	37.93 2.56 -2.53	31.12 2.16 -0.58	29.63 2.02 -0.22	30.99 2.11 -1.35	39.69 2.85 -0.23	38.62 2.78 -0.55	38.10 2.46 -4.34	43.83 2.28 -13.20	41.23 2.91 -1.71	48.07 3.36 -4.57	56.71 3.34 -12.91	55.00 3.34 -11.63	44.98 3.01 -4.62	45.77 3.14 -3.37	42.06 2.99 -0.48	59.41 3.21 -16.52	53.16 3.11 -8.84
WATERSIDE____6 8 9 23538	65.33 3.29 0.00	62.47 3.29 0.00	64.28 3.40 0.00	58.61 3.20 0.00	50.32 2.82 0.00	46.31 2.62 0.00	44.87 2.57 -3.34	43.47 2.27 -8.36	32.26 1.95 -1.93	30.09 1.96 -0.74	34.03 2.03 -4.46	39.92 2.56 -0.76	39.58 2.48 -1.81	38.52 2.24 -4.97	42.08 2.04 -11.68	44.53 2.54 -5.37	47.96 2.90 -4.93	65.15 2.97 -21.72	62.18 2.91 -19.23	49.81 2.70 -9.76	44.81 2.79 -2.76	42.88 2.72 -1.58	58.44 2.74 -16.00	51.51 2.70 -7.61
WATKINRD_115KV_LN8_ILLION 55919	62.30 0.26 0.00	59.41 0.22 0.00	61.01 0.13 0.00	55.56 0.15 0.00	47.66 0.16 0.00	43.87 0.18 0.00	39.26 0.31 0.00	33.19 0.35 0.00	28.63 0.25 0.00	27.58 0.18 0.00	27.74 0.21 0.00	36.96 0.36 0.00	35.65 0.36 0.00	31.68 0.37 0.00	28.71 0.35 0.00	37.11 0.49 0.00	40.72 0.58 0.00	41.06 0.60 0.00	40.64 0.61 0.00	37.88 0.54 0.00	39.84 0.58 0.00	39.15 0.57 0.00	40.32 0.63 0.00	41.79 0.59 0.00
WATSON__69_KV_BK 1 55734	66.38 4.34 0.00	63.55 4.36 0.00	64.67 3.80 0.00	59.28 3.87 0.00	50.94 3.44 0.00	46.91 3.22 0.00	45.63 3.34 -3.34	43.92 2.74 -8.35	32.78 2.48 -1.93	30.30 2.17 -0.73	34.41 2.42 -4.45	40.36 2.99 -0.76	39.96 2.85 -1.81	39.02 2.74 -4.96	42.63 2.59 -11.68	54.89 3.38 -14.89	49.23 4.16 -4.93	66.47 4.31 -21.70	63.20 3.95 -19.21	50.59 3.49 -9.75	45.48 3.46 -2.76	43.72 3.56 -1.57	59.23 3.54 -16.00	52.34 3.53 -7.61
WDELAWARE__HYD 323627	65.11 3.07 0.00	62.08 2.89 0.00	63.84 2.96 0.00	58.17 2.76 0.00	49.99 2.49 0.00	46.02 2.33 0.00	42.18 2.28 -0.95	36.05 1.98 -1.24	30.30 1.64 -0.29	29.02 1.52 -0.11	29.73 1.53 -0.66	38.57 1.85 -0.11	37.35 1.79 -0.27	35.95 1.65 -2.99	39.40 1.63 -9.42	38.76 2.13 -0.01	45.89 2.54 -3.21	51.77 2.75 -8.57	50.41 2.71 -7.68	42.74 2.46 -2.94	44.22 2.53 -2.43	41.30 2.45 -0.27	53.83 2.47 -11.67	50.00 2.47 -6.33

WEST BABYLON___IC 23714	66.20 4.16 0.00	63.36 4.17 0.00	64.57 3.70 0.00	59.13 3.72 0.00	50.84 3.34 0.00	46.80 3.11 0.00	45.48 3.19 -3.34	43.82 2.64 -8.35	32.67 2.36 -1.93	30.23 2.11 -0.73	34.32 2.33 -4.45	40.26 2.90 -0.76	39.87 2.77 -1.81	38.92 2.65 -4.96	42.54 2.51 -11.68	55.41 3.25 -15.54	49.03 3.97 -4.93	66.29 4.13 -21.70	63.03 3.79 -19.21	50.46 3.37 -9.75	45.38 3.36 -2.76	43.60 3.44 -1.57	59.14 3.45 -16.00	52.24 3.43 -7.61
WEST CANADA___HYD 24049	62.10 0.06 0.00	59.24 0.05 0.00	60.92 0.05 0.00	55.42 0.01 0.00	47.50 0.00 0.00	43.69 0.00 0.00	38.96 0.00 0.00	32.87 0.03 0.00	28.41 0.03 0.00	27.42 0.03 0.00	27.59 0.05 0.00	36.68 0.07 0.00	35.37 0.08 0.00	31.37 0.06 0.00	28.41 0.06 0.00	36.69 0.07 0.00	40.21 0.08 0.00	40.50 0.04 0.00	40.04 0.01 0.00	37.37 0.02 0.00	39.30 0.04 0.00	38.62 0.04 0.00	39.73 0.04 0.00	41.25 0.05 0.00
WESTERN_NY_WIND 24143	61.06 -0.98 0.00	58.09 -1.10 0.00	60.22 -0.65 0.00	54.77 -0.64 0.00	46.65 -0.84 0.00	42.91 -0.79 0.00	38.00 -1.03 -0.08	31.60 -1.23 0.00	27.54 -0.84 0.00	25.09 -1.01 1.29	26.19 -1.35 0.00	34.91 -1.70 0.00	33.45 -1.85 0.00	27.45 -1.71 2.15	26.02 -1.82 0.52	34.67 -2.13 -0.18	38.36 -2.16 -0.38	38.59 -1.82 0.05	36.13 -1.74 2.15	30.45 -1.62 5.28	34.08 -1.74 3.45	36.60 -1.87 0.11	39.59 -1.73 -1.63	40.23 -1.89 -0.91
WESTOVER___LESR 323668	62.49 0.45 0.00	59.58 0.39 0.00	61.36 0.49 0.00	55.85 0.45 0.00	47.92 0.42 0.00	43.99 0.30 0.00	39.03 0.27 0.19	31.82 0.15 1.17	28.21 0.10 0.27	27.38 0.10 0.10	26.98 0.06 0.62	36.65 0.15 0.11	35.12 0.08 0.25	32.04 0.05 -0.68	31.43 0.04 -3.04	37.14 0.09 -0.43	41.11 0.18 -0.80	40.71 0.24 -0.01	40.45 0.31 -0.11	36.95 0.17 0.57	40.35 0.24 -0.84	38.48 0.11 0.22	43.27 0.17 -3.41	43.53 0.23 -2.10
WETHRSFD_WT_PWR 323626	59.36 -2.68 0.00	56.56 -2.62 0.00	58.43 -2.45 0.00	53.27 -2.14 0.00	45.41 -2.09 0.00	41.67 -2.02 0.00	36.87 -2.19 -0.11	30.54 -2.30 0.00	26.55 -1.83 0.00	23.17 -1.89 2.34	25.39 -2.15 0.00	33.83 -2.77 0.00	32.45 -2.84 0.00	14.42 -2.66 14.23	17.18 -2.54 8.64	33.78 -3.08 -0.24	37.21 -3.24 -0.31	33.20 -3.07 4.20	20.90 -3.06 16.06	4.53 -3.01 29.81	14.67 -3.06 21.53	34.73 -3.20 0.66	38.81 -3.03 -2.16	39.44 -2.97 -1.21
WHAVSTOR_138KV_BK127 55557	64.77 2.73 0.00	61.93 2.74 0.00	63.75 2.88 0.00	58.13 2.72 0.00	49.94 2.44 0.00	45.99 2.30 0.00	45.35 2.28 -4.13	45.65 1.98 -10.84	32.51 1.63 -2.50	29.93 1.58 -0.95	34.93 1.62 -5.78	39.62 2.03 -0.98	39.60 1.96 -2.35	38.52 1.78 -5.44	41.76 1.66 -11.74	32.62 2.06 6.05	47.85 2.41 -5.30	68.92 2.54 -25.92	65.42 2.51 -22.88	51.70 2.29 -12.06	44.30 2.35 -2.69	42.93 2.31 -2.04	58.71 2.38 -16.64	51.07 2.31 -7.57
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	64.77 2.73 0.00	61.93 2.74 0.00	63.75 2.88 0.00	58.13 2.72 0.00	49.94 2.44 0.00	45.99 2.30 0.00	45.35 2.28 -4.13	45.65 1.98 -10.84	32.51 1.63 -2.50	29.93 1.58 -0.95	34.93 1.62 -5.78	39.62 2.03 -0.98	39.60 1.96 -2.35	38.52 1.78 -5.44	41.76 1.66 -11.74	32.62 2.06 6.05	47.85 2.41 -5.30	68.92 2.54 -25.92	65.42 2.51 -22.88	51.70 2.29 -12.06	44.30 2.35 -2.69	42.93 2.31 -2.04	58.71 2.38 -16.64	51.07 2.31 -7.57
WHITEHAL_115KV_TB1 80871	66.93 4.89 0.00	64.15 4.96 0.00	65.21 4.34 0.00	59.48 4.07 0.00	51.52 4.02 0.00	47.61 3.91 0.00	44.56 4.02 -1.59	38.97 3.59 -2.54	31.89 2.92 -0.59	30.28 2.66 -0.22	31.71 2.82 -1.35	40.64 3.80 -0.23	39.50 3.66 -0.55	38.94 3.29 -4.34	44.72 3.18 -13.19	42.23 3.91 -1.70	49.46 4.75 -4.57	57.95 4.56 -12.93	56.22 4.54 -11.65	46.03 4.05 -4.63	46.84 4.20 -3.37	43.04 3.97 -0.48	60.53 4.33 -16.51	54.15 4.12 -8.83
WHITEPLN_13_KV_LOAD 356215	65.61 3.56 0.00	62.69 3.50 0.00	64.48 3.60 0.00	58.77 3.36 0.00	50.47 2.97 0.00	46.47 2.78 0.00	45.09 2.74 -3.40	43.78 2.41 -8.54	32.39 2.04 -1.97	30.15 2.00 -0.75	34.15 2.06 -4.55	40.00 2.62 -0.77	39.67 2.53 -1.85	38.60 2.30 -5.00	42.18 2.14 -11.69	45.01 2.72 -5.68	48.24 3.15 -4.95	65.72 3.25 -22.01	62.71 3.20 -19.48	50.19 2.92 -9.92	45.06 3.05 -2.76	43.18 2.98 -1.61	58.76 3.02 -16.05	51.75 2.94 -7.61
WM_FLOYD_69_KV_BK2 356380	65.56 3.52 0.00	62.92 3.73 0.00	63.75 2.87 0.00	58.49 3.09 0.00	50.33 2.83 0.00	46.37 2.68 0.00	45.28 2.99 -3.34	43.52 2.34 -8.35	32.55 2.25 -1.93	29.96 1.83 -0.73	34.13 2.15 -4.45	39.93 2.57 -0.76	39.55 2.45 -1.81	38.63 2.36 -4.96	42.29 2.26 -11.68	54.16 2.94 -14.60	48.71 3.65 -4.93	65.87 3.72 -21.70	62.65 3.40 -19.21	50.07 2.97 -9.75	44.83 2.81 -2.76	43.17 3.01 -1.57	58.67 2.98 -16.00	51.76 2.95 -7.61
WOODARD__115KV_TB2 355635	61.31 -0.73 0.00	58.43 -0.76 0.00	60.12 -0.75 0.00	54.73 -0.68 0.00	46.90 -0.60 0.00	43.14 -0.55 0.00	38.41 -0.60 -0.05	32.29 -0.54 0.00	27.94 -0.44 0.00	26.93 -0.46 0.00	27.02 -0.52 0.00	35.93 -0.68 0.00	34.64 -0.65 0.00	31.00 -0.57 -0.26	28.71 -0.53 -0.88	36.07 -0.66 -0.12	39.68 -0.73 -0.28	40.33 -0.71 -0.58	39.88 -0.68 -0.54	36.88 -0.62 -0.15	38.81 -0.69 -0.24	37.89 -0.69 0.00	40.02 -0.75 -1.09	41.06 -0.75 -0.61
YORK___WARBASSE 23770	65.70 3.66 0.00	62.83 3.64 0.00	64.67 3.80 0.00	58.98 3.57 0.00	50.67 3.17 0.00	46.64 2.95 0.00	45.09 2.79 -3.34	43.63 2.43 -8.36	32.38 2.08 -1.93	30.20 2.07 -0.74	34.12 2.13 -4.46	40.03 2.67 -0.76	39.68 2.57 -1.81	38.59 2.31 -4.97	42.17 2.13 -11.68	44.66 2.67 -5.37	48.13 3.07 -4.93	65.37 3.19 -21.72	62.39 3.13 -19.23	50.01 2.90 -9.76	44.99 2.96 -2.76	43.02 2.86 -1.58	58.58 2.88 -16.00	51.65 2.84 -7.61