

ALBANY___2 23572	39.65 0.95 -13.61	35.76 0.89 -11.37	35.31 0.83 -11.94	33.56 0.82 -10.45	35.64 0.87 -11.37	35.05 0.99 -7.43	51.84 1.40 -19.97	48.66 2.41 0.00	50.97 2.52 0.00	48.12 2.30 -0.76	48.87 2.42 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.15 0.95 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.90	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.15 0.86 0.00	35.90 0.53 0.00
ALBANY___3 23573	39.65 0.95 -13.61	35.76 0.89 -11.37	35.31 0.83 -11.94	33.56 0.82 -10.45	35.64 0.87 -11.37	35.05 0.99 -7.43	51.84 1.40 -19.97	48.66 2.41 0.00	50.97 2.52 0.00	48.12 2.30 -0.76	48.87 2.42 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.15 0.95 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.90	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.15 0.86 0.00	35.90 0.53 0.00
ALBANY___4 23574	39.65 0.95 -13.61	35.76 0.89 -11.37	35.31 0.83 -11.94	33.56 0.82 -10.45	35.64 0.87 -11.37	35.05 0.99 -7.43	51.84 1.40 -19.97	48.66 2.41 0.00	50.97 2.52 0.00	48.12 2.30 -0.76	48.87 2.42 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.15 0.95 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.90	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.15 0.86 0.00	35.90 0.53 0.00
ALBANY___LFGE 323615	39.89 1.08 -13.73	35.95 0.99 -11.47	35.53 0.95 -12.04	33.74 0.91 -10.54	35.83 0.96 -11.47	35.25 1.12 -7.49	50.62 1.52 -18.64	48.89 2.64 0.00	51.21 2.76 0.00	48.35 2.52 -0.77	49.10 2.65 0.00	45.33 2.40 0.00	40.98 1.91 0.00	39.88 1.54 0.00	38.07 1.25 0.00	39.56 1.37 0.00	47.68 1.67 -7.99	54.02 1.88 -9.33	55.17 2.16 -4.96	59.73 2.51 0.00	52.86 2.03 0.00	43.31 1.59 0.00	38.49 1.19 0.00	36.22 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	24.58 -0.50 0.00	23.02 -0.47 0.00	22.11 -0.43 0.00	21.82 -0.47 0.00	22.92 -0.49 0.00	27.36 -0.48 -1.20	31.06 -0.73 -1.33	47.06 -0.97 -1.78	49.39 -0.87 -1.81	46.09 -0.68 -1.71	45.75 -0.70 0.00	42.32 -0.60 0.00	38.48 -0.59 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.39 -0.80 0.00	38.15 -0.80 -0.93	43.89 -0.60 -1.69	49.07 -0.82 -1.84	56.30 -0.92 0.00	50.57 -0.25 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	24.58 -0.50 0.00	23.02 -0.47 0.00	22.11 -0.43 0.00	21.82 -0.47 0.00	22.92 -0.49 0.00	27.36 -0.48 -1.20	31.06 -0.73 -1.33	47.06 -0.97 -1.78	49.39 -0.87 -1.81	46.09 -0.68 -1.71	45.75 -0.70 0.00	42.32 -0.60 0.00	38.48 -0.59 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.39 -0.80 0.00	38.15 -0.80 -0.93	43.89 -0.60 -1.69	49.07 -0.82 -1.84	56.30 -0.92 0.00	50.57 -0.25 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
ALCOA___DSASP 323711	24.58 -0.50 0.00	23.02 -0.47 0.00	22.11 -0.43 0.00	21.82 -0.47 0.00	22.91 -0.49 0.00	27.25 -0.56 -1.17	31.03 -0.73 -1.30	47.06 -0.97 -1.78	49.39 -0.87 -1.81	46.10 -0.67 -1.71	45.80 -0.65 0.00	42.32 -0.60 0.00	38.48 -0.58 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.39 -0.80 0.00	38.14 -0.80 -0.93	43.89 -0.60 -1.69	49.07 -0.82 -1.84	56.29 -0.92 0.00	50.57 -0.25 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
ALLEGHENY___COGEN 23514	26.53 -0.50 -1.95	24.56 -0.56 -1.63	23.78 -0.47 -1.71	23.34 -0.45 -1.50	24.64 -0.40 -1.63	27.33 -0.37 -1.06	33.27 0.27 -2.54	46.07 -0.18 0.00	47.15 -1.31 0.00	43.14 -2.03 -0.10	43.99 -2.46 0.00	40.78 -2.14 0.00	37.08 -1.99 0.00	36.55 -1.80 0.00	35.05 -1.77 0.00	36.28 -1.91 0.00	37.28 -1.82 -1.09	42.28 -1.80 -1.27	47.95 -0.77 -0.68	56.93 -0.28 0.00	51.08 0.26 0.00	41.64 -0.08 0.00	37.41 0.11 0.00	35.80 0.43 0.00
ALTAMONT_115KV_TB 2 55880	39.47 0.78 -13.61	35.59 0.73 -11.37	35.17 0.70 -11.93	33.42 0.69 -10.44	35.50 0.73 -11.37	34.87 0.80 -7.42	51.62 1.19 -19.97	48.43 2.17 0.00	51.02 2.57 0.00	48.09 2.25 -0.78	48.73 2.28 0.00	45.03 2.10 0.00	40.90 1.84 0.00	40.11 1.76 0.00	38.58 1.77 0.00	40.14 1.95 0.00	48.23 2.09 -8.12	54.73 2.44 -9.49	56.06 2.98 -5.05	60.70 3.49 0.00	53.77 2.95 0.00	44.06 2.34 0.00	39.27 1.98 0.00	37.00 1.63 0.00
ALTONA_WT_PWR 323606	24.11 -0.98 0.00	22.48 -1.01 0.00	21.55 -0.99 0.00	21.26 -1.02 0.00	22.35 -1.05 0.00	-6.89 -1.20 32.34	-6.85 -1.46 35.85	-6.91 -2.17 50.99	-5.42 -2.13 51.74	-5.72 -1.85 48.93	44.69 -1.77 0.00	41.46 -1.46 0.00	37.58 -1.48 0.00	37.04 -1.30 0.00	35.60 -1.21 0.00	36.66 -1.53 0.00	-0.61 -1.56 37.07	-5.65 -1.63 46.83	-5.19 -2.02 51.21	54.86 -2.35 0.00	49.45 -1.37 0.00	40.68 -1.04 0.00	36.44 -0.86 0.00	34.66 -0.71 0.00
AMERICAN_REF_FUEL 24010	24.72 -2.08 -1.72	22.93 -2.00 -1.44	22.13 -1.92 -1.51	21.72 -1.89 -1.32	22.93 -1.92 -1.44	25.24 -2.34 -0.94	30.87 -1.83 -2.23	42.46 -3.79 0.00	44.05 -4.41 0.00	40.96 -4.19 -0.09	41.95 -4.50 0.00	39.06 -3.86 0.00	35.63 -3.44 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	34.91 -3.28 0.00	35.55 -3.42 -0.95	39.64 -4.28 -1.11	44.45 -4.18 -0.59	52.18 -5.04 0.00	46.75 -4.07 0.00	38.42 -3.30 0.00	34.80 -2.50 0.00	33.75 -1.63 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.66 -2.38 -1.96	22.83 -2.30 -1.64	22.06 -2.21 -1.72	21.61 -2.18 -1.51	22.82 -2.22 -1.64	25.29 -2.42 -1.07	31.19 -1.83 -2.56	43.20 -3.05 0.00	45.06 -3.39 0.00	41.20 -3.97 -0.10	42.78 -3.67 0.00	39.75 -3.18 0.00	36.14 -2.93 0.00	35.89 -2.46 0.00	34.31 -2.50 0.00	35.63 -2.56 0.00	36.03 -3.08 -1.10	40.66 -3.43 -1.28	45.74 -2.98 -0.68	54.70 -2.52 0.00	49.09 -1.73 0.00	40.38 -1.34 0.00	36.25 -1.04 0.00	35.20 -0.18 0.00
ARTHUR KILL_GT_1 23520	50.30 1.58 -23.63	49.73 1.48 -24.76	33.86 1.38 -9.95	32.22 1.31 -8.61	34.19 1.40 -9.37	34.45 1.68 -6.13	50.31 2.16 -17.68	62.86 4.35 -12.26	62.52 4.61 -9.46	60.61 4.42 -11.13	53.99 4.55 -2.98	53.98 4.08 -6.97	53.72 3.75 -10.90	53.75 3.68 -11.73	53.50 3.61 -13.08	53.76 3.97 -11.59	53.47 3.61 -11.84	54.66 4.02 -7.83	56.71 4.66 -4.01	77.00 5.78 -14.01	55.34 4.52 0.00	57.58 3.71 -12.15	52.25 3.09 -11.86	50.29 2.51 -12.41
ARTHUR_KILL_2 23512	50.22 1.50 -23.63	49.66 1.41 -24.76	33.82 1.33 -9.95	32.17 1.27 -8.61	34.11 1.33 -9.37	34.39 1.63 -6.13	50.22 2.07 -17.68	62.72 4.21 -12.26	62.37 4.45 -9.46	60.52 4.33 -11.13	53.89 4.46 -2.98	53.89 3.99 -6.97	53.64 3.67 -10.90	53.64 3.57 -11.73	53.39 3.50 -13.08	53.64 3.86 -11.59	53.39 3.54 -11.84	54.53 3.89 -7.83	56.57 4.51 -4.01	76.83 5.61 -14.01	55.19 4.37 0.00	57.46 3.59 -12.15	52.14 2.98 -11.86	50.22 2.44 -12.41
ARTHUR_KILL_3 23513	49.89 1.18 -23.62	49.32 1.08 -24.75	33.49 1.02 -9.94	31.83 0.94 -8.61	33.78 1.01 -9.37	34.04 1.28 -6.12	49.81 1.67 -17.68	62.53 4.02 -12.25	62.22 4.31 -9.45	60.33 4.14 -11.12	53.60 4.18 -2.97	53.67 3.78 -6.97	53.52 3.55 -10.89	53.55 3.49 -11.72	53.31 3.42 -13.07	53.52 3.74 -11.58	53.30 3.46 -11.83	54.22 3.60 -7.82	56.13 4.08 -4.01	76.25 5.04 -14.00	54.79 3.97 0.00	57.16 3.30 -12.14	51.68 2.54 -11.85	49.72 1.94 -12.40

ARTHUR_KILL_COGEN 323718	50.30 1.58 -23.63	49.73 1.48 -24.76	33.86 1.38 -9.95	32.22 1.31 -8.61	34.19 1.40 -9.37	34.45 1.68 -6.13	50.31 2.16 -17.68	62.86 4.35 -12.26	62.52 4.61 -9.46	60.61 4.42 -11.13	53.99 4.55 -2.98	53.98 4.08 -6.97	53.72 3.75 -10.90	53.75 3.68 -11.73	53.50 3.61 -13.08	53.76 3.97 -11.59	53.47 3.61 -11.84	54.66 4.02 -7.83	56.71 4.66 -4.01	77.00 5.78 -14.01	55.34 4.52 0.00	57.58 3.71 -12.15	52.25 3.09 -11.86	50.29 2.51 -12.41
ASHOKAN____ 23654	37.43 -0.12 -12.47	33.89 -0.02 -10.42	33.41 -0.07 -10.94	31.71 -0.15 -9.57	33.68 -0.14 -10.42	33.34 -0.11 -6.80	47.48 0.21 -16.81	49.67 3.42 0.00	52.09 3.64 0.00	46.88 1.13 -0.69	49.84 3.39 0.00	45.80 2.88 0.00	41.53 2.46 0.00	40.61 2.26 0.00	38.99 2.17 0.00	40.64 2.45 0.00	46.02 0.80 -7.20	52.20 0.99 -8.41	53.81 1.30 -4.47	61.79 4.58 0.00	54.38 3.56 0.00	44.52 2.80 0.00	39.53 2.24 0.00	37.32 1.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.63 1.33 -11.22	34.12 1.24 -9.38	33.55 1.17 -9.84	31.99 1.09 -8.61	33.95 1.17 -9.37	34.14 1.38 -6.11	47.29 1.80 -15.03	50.41 4.16 0.01	52.95 4.51 0.01	49.99 4.33 -0.61	50.81 4.37 0.01	46.91 3.99 0.01	42.81 3.75 0.01	41.98 3.64 0.01	40.38 3.57 0.01	42.08 3.90 0.01	47.95 3.50 -6.44	54.14 3.81 -7.52	56.36 4.33 -4.00	62.53 5.32 0.01	54.98 4.17 0.01	45.17 3.46 0.01	39.98 2.69 0.01	37.45 2.09 0.01
ASTORIA_EAST_ENERGY_CC2 323582	37.63 1.33 -11.22	34.12 1.24 -9.38	33.55 1.17 -9.84	31.99 1.09 -8.61	33.95 1.17 -9.37	34.14 1.38 -6.11	47.29 1.80 -15.03	50.41 4.16 0.01	52.95 4.51 0.01	49.99 4.33 -0.61	50.81 4.37 0.01	46.91 3.99 0.01	42.81 3.75 0.01	41.98 3.64 0.01	40.38 3.57 0.01	42.08 3.90 0.01	47.95 3.50 -6.44	54.14 3.81 -7.52	56.36 4.33 -4.00	62.53 5.32 0.01	54.98 4.17 0.01	45.17 3.46 0.01	39.98 2.69 0.01	37.45 2.09 0.01
ASTORIA_GT2_1 24094	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT2_2 24095	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT2_3 24096	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT2_4 24097	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT3_1 24098	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT3_2 24099	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT3_3 24100	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT3_4 24101	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT4_1 24102	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT4_2 24103	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT4_3 24104	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00

ASTORIA_GT4_4 24105	37.64 1.33 -11.22	34.14 1.27 -9.38	33.56 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.15 1.39 -6.12	48.72 1.80 -16.46	50.41 4.16 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.76 4.32 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.00 3.82 0.01	48.03 3.57 -6.44	54.14 3.81 -7.52	56.37 4.32 -4.01	62.58 5.38 0.01	55.04 4.22 0.00	45.22 3.50 0.01	40.01 2.72 0.01	37.46 2.09 0.00
ASTORIA_GT_1 23523	37.68 1.38 -11.22	34.16 1.29 -9.38	33.60 1.22 -9.84	32.04 1.14 -8.61	34.00 1.22 -9.37	34.16 1.41 -6.11	47.36 1.86 -15.03	50.50 4.25 0.01	53.05 4.61 0.01	50.08 4.42 -0.61	50.90 4.46 0.01	47.00 4.08 0.01	42.89 3.83 0.01	42.10 3.76 0.01	40.45 3.65 0.01	42.16 3.97 0.01	48.03 3.57 -6.44	54.22 3.89 -7.52	56.46 4.42 -4.00	62.64 5.44 0.01	55.08 4.27 0.01	45.26 3.54 0.01	40.05 2.76 0.01	37.52 2.16 0.01
ASTORIA_GT_10 24110	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
ASTORIA_GT_11 24225	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
ASTORIA_GT_12 24226	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
ASTORIA_GT_13 24227	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
ASTORIA_GT_5 24106	37.66 1.35 -11.22	34.16 1.29 -9.38	33.58 1.19 -9.84	32.04 1.14 -8.61	33.98 1.19 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.50 4.26 0.01	53.05 4.60 0.01	50.08 4.42 -0.61	50.86 4.41 0.01	46.99 4.08 0.01	42.85 3.79 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.22 3.90 -7.52	56.47 4.42 -4.01	62.70 5.49 0.01	55.14 4.32 0.00	45.30 3.59 0.01	40.05 2.76 0.01	37.53 2.16 0.00
ASTORIA_GT_7 24107	37.66 1.35 -11.22	34.16 1.29 -9.38	33.58 1.19 -9.84	32.04 1.14 -8.61	33.98 1.19 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.50 4.26 0.01	53.05 4.60 0.01	50.08 4.42 -0.61	50.86 4.41 0.01	46.99 4.08 0.01	42.85 3.79 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.22 3.90 -7.52	56.47 4.42 -4.01	62.70 5.49 0.01	55.14 4.32 0.00	45.30 3.59 0.01	40.05 2.76 0.01	37.53 2.16 0.00
ASTORIA_GT_8 24108	37.66 1.35 -11.22	34.16 1.29 -9.38	33.58 1.19 -9.84	32.04 1.14 -8.61	33.98 1.19 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.50 4.26 0.01	53.05 4.60 0.01	50.08 4.42 -0.61	50.86 4.41 0.01	46.99 4.08 0.01	42.85 3.79 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.22 3.90 -7.52	56.47 4.42 -4.01	62.70 5.49 0.01	55.14 4.32 0.00	45.30 3.59 0.01	40.05 2.76 0.01	37.53 2.16 0.00
ASTORIA___2 24149	37.66 1.35 -11.22	34.14 1.27 -9.38	33.55 1.17 -9.84	32.02 1.11 -8.61	33.95 1.17 -9.37	34.14 1.38 -6.11	47.29 1.80 -15.03	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.86 4.42 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.08 3.90 0.01	47.95 3.50 -6.44	54.14 3.81 -7.52	56.36 4.33 -4.00	62.53 5.32 0.01	54.98 4.17 0.01	45.22 3.51 0.01	40.01 2.72 0.01	37.45 2.09 0.01
ASTORIA___3 23516	37.76 1.45 -11.22	34.21 1.34 -9.38	33.64 1.26 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.48 1.98 -15.04	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.54 4.60 -0.49	48.25 4.21 -1.12	44.78 3.94 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.99 4.09 -3.71	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.49	55.30 4.47 0.00	46.75 3.71 -1.32	40.65 2.91 -0.44	37.71 2.33 0.00
ASTORIA___4 23517	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
ASTORIA___5 23518	37.76 1.45 -11.22	34.21 1.34 -9.38	33.64 1.26 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.48 1.98 -15.04	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.54 4.60 -0.49	48.25 4.21 -1.12	44.78 3.94 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.99 4.09 -3.71	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.49	55.30 4.47 0.00	46.75 3.71 -1.32	40.65 2.91 -0.44	37.71 2.33 0.00
AST_ENERGY_2_CC3 323677	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.46 2.09 0.00
AST_ENERGY_2_CC4 323678	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.46 2.09 0.00

ATHENS_STG_1 23668	38.11 0.80 -12.22	34.46 0.75 -10.21	33.98 0.72 -10.72	32.38 0.71 -9.38	34.37 0.75 -10.21	34.16 0.85 -6.67	48.08 1.22 -16.39	48.79 2.54 0.00	51.17 2.71 0.00	48.30 2.57 -0.67	49.10 2.65 0.00	45.33 2.40 0.00	41.22 2.15 0.00	40.42 2.07 0.00	38.80 1.99 0.00	40.37 2.18 0.00	47.21 2.17 -7.03	53.37 2.35 -8.21	55.09 2.69 -4.37	60.41 3.20 0.00	53.41 2.59 0.00	43.81 2.09 0.00	38.90 1.60 0.00	36.61 1.24 0.00
ATHENS_STG_2 23670	38.11 0.80 -12.22	34.46 0.75 -10.21	33.98 0.72 -10.72	32.38 0.71 -9.38	34.37 0.75 -10.21	34.16 0.85 -6.67	48.08 1.22 -16.39	48.79 2.54 0.00	51.17 2.71 0.00	48.30 2.57 -0.67	49.10 2.65 0.00	45.33 2.40 0.00	41.22 2.15 0.00	40.42 2.07 0.00	38.80 1.99 0.00	40.37 2.18 0.00	47.21 2.17 -7.03	53.37 2.35 -8.21	55.09 2.69 -4.37	60.41 3.20 0.00	53.41 2.59 0.00	43.81 2.09 0.00	38.90 1.60 0.00	36.61 1.24 0.00
ATHENS_STG_3 23677	38.11 0.80 -12.22	34.46 0.75 -10.21	33.98 0.72 -10.72	32.38 0.71 -9.38	34.37 0.75 -10.21	34.16 0.85 -6.67	48.08 1.22 -16.39	48.79 2.54 0.00	51.17 2.71 0.00	48.30 2.57 -0.67	49.10 2.65 0.00	45.33 2.40 0.00	41.22 2.15 0.00	40.42 2.07 0.00	38.80 1.99 0.00	40.37 2.18 0.00	47.21 2.17 -7.03	53.37 2.35 -8.21	55.09 2.69 -4.37	60.41 3.20 0.00	53.41 2.59 0.00	43.81 2.09 0.00	38.90 1.60 0.00	36.61 1.24 0.00
AUBURN___LFGE 323710	26.43 -0.08 -1.42	24.58 -0.09 -1.18	23.69 -0.09 -1.24	23.31 -0.07 -1.09	24.54 -0.05 -1.18	27.34 -0.08 -0.77	32.91 0.37 -2.08	46.53 0.28 0.00	48.45 0.00 0.00	45.00 -0.14 -0.07	46.36 -0.09 0.00	42.84 -0.09 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.78 -0.04 0.00	38.23 0.04 0.00	38.76 -0.04 -0.78	43.68 -0.04 -0.91	48.67 0.14 -0.49	57.38 0.17 0.00	51.03 0.20 0.00	41.81 0.08 0.00	37.41 0.11 0.00	35.62 0.25 0.00
BABYLON_RES_REC 323704	37.12 0.83 -11.21	33.61 0.75 -9.36	33.05 0.68 -9.83	31.45 0.56 -8.60	33.38 0.61 -9.36	33.63 0.88 -6.11	46.66 1.16 -15.04	49.43 3.19 0.01	51.79 3.34 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.70 3.78 0.00	42.66 3.59 0.00	41.87 3.53 0.00	40.27 3.46 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.54 3.21 -7.53	55.79 3.75 -4.00	61.61 4.41 0.01	54.22 3.41 0.01	44.89 3.17 0.00	39.69 2.39 0.00	36.82 1.45 0.00
BABYLON__69_KV_BK2 356345	37.30 1.00 -11.21	33.77 0.92 -9.36	33.18 0.81 -9.83	31.58 0.69 -8.60	33.49 0.73 -9.36	33.82 1.07 -6.11	48.31 1.40 -16.45	49.81 3.56 0.01	52.18 3.73 0.01	49.82 4.15 -0.61	51.00 4.55 0.00	47.17 4.25 0.00	43.01 3.95 0.00	42.26 3.91 0.00	40.64 3.83 0.00	42.55 4.35 0.00	48.30 3.84 -6.45	54.01 3.68 -7.53	56.27 4.23 -4.00	62.18 4.98 0.01	54.68 3.86 0.01	45.31 3.59 0.00	40.06 2.76 0.00	37.11 1.73 0.00
BALL_HILL_WT_PWR 323825	25.10 -1.91 -1.92	23.27 -1.83 -1.61	22.47 -1.76 -1.69	22.00 -1.76 -1.48	23.23 -1.78 -1.61	25.69 -2.00 -1.05	31.57 -1.40 -2.50	43.80 -2.45 0.00	45.60 -2.86 0.00	41.73 -3.43 -0.10	43.34 -3.11 0.00	40.30 -2.62 0.00	36.68 -2.38 0.00	36.35 -2.00 0.00	34.83 -1.99 0.00	36.05 -2.14 0.00	36.35 -2.74 -1.07	40.84 -3.21 -1.25	45.82 -2.88 -0.66	54.64 -2.57 0.00	48.99 -1.83 0.00	40.26 -1.46 0.00	36.18 -1.12 0.00	35.05 -0.32 0.00
BARON_WINDS___WT_PWR 323822	25.85 -1.73 -2.50	23.93 -1.65 -2.09	23.15 -1.58 -2.19	22.67 -1.54 -1.92	23.92 -1.57 -2.08	26.19 -1.81 -1.36	32.33 -1.40 -3.27	44.03 -2.22 0.00	45.64 -2.81 0.00	41.86 -3.33 -0.13	43.34 -3.11 0.00	40.39 -2.53 0.00	36.76 -2.31 0.00	36.20 -2.15 0.00	34.68 -2.14 0.00	35.86 -2.33 0.00	36.76 -2.66 -1.40	41.44 -3.00 -1.64	46.22 -2.69 -0.87	54.52 -2.69 0.00	48.69 -2.13 0.00	39.84 -1.88 0.00	35.73 -1.57 0.00	34.31 -1.06 0.00
BARRETT_IC_1 23704	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_10 23701	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_11 23702	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_12 23703	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_2 23705	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_3 23706	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_4 23707	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00

BARRETT_IC_5 23708	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_6 23709	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_7 23710	37.02 0.73 -11.21	33.56 0.70 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	47.98 1.07 -16.45	49.16 2.91 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.17 3.72 0.00	46.44 3.52 0.00	42.43 3.36 0.00	41.68 3.34 0.00	40.09 3.28 0.00	41.90 3.70 0.00	47.62 3.16 -6.45	53.28 2.95 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.65 1.27 0.00
BARRETT_IC_8 23711	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT_IC_9 23700	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT___1 23545	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BARRETT___2 23546	37.04 0.75 -11.21	33.54 0.68 -9.36	33.00 0.63 -9.83	31.42 0.53 -8.60	33.35 0.59 -9.36	33.55 0.80 -6.11	46.56 1.07 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.51 3.44 0.00	41.68 3.33 0.00	40.09 3.28 0.00	41.89 3.70 0.00	47.62 3.15 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.60 2.88 0.00	39.46 2.16 0.00	36.64 1.27 0.00
BATAVIA__115KV_TB1 55881	25.68 -0.98 -1.58	23.87 -0.94 -1.32	23.02 -0.90 -1.38	22.61 -0.89 -1.21	23.76 -0.96 -1.32	26.36 -1.15 -0.86	32.44 -0.34 -2.31	44.96 -1.30 0.00	46.52 -1.94 0.00	43.11 -2.03 -0.08	44.31 -2.14 0.00	40.95 -1.97 0.00	37.39 -1.68 0.00	37.04 -1.30 0.00	35.53 -1.29 0.00	36.82 -1.37 0.00	37.29 -1.60 -0.87	41.68 -2.14 -1.02	46.85 -1.73 -0.54	55.32 -1.89 0.00	49.60 -1.22 0.00	40.64 -1.08 0.00	36.66 -0.63 0.00	35.30 -0.07 0.00
BAYONEEC___CTG1 323682	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG10 323750	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG2 323683	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG3 323684	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG4 323685	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG5 323686	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG6 323687	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00

BAYONEEC___CTG7 323688	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG8 323689	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BAYONEEC___CTG9 323749	37.58 1.28 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.10 3.77 -7.53	56.32 4.27 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.42 2.05 0.00
BEACON___LESR 323632	39.89 1.20 -13.60	35.94 1.08 -11.36	35.50 1.04 -11.93	33.75 1.03 -10.44	35.82 1.05 -11.36	35.31 1.25 -7.42	50.57 1.70 -18.40	49.17 2.92 0.00	51.51 3.05 0.00	48.57 2.75 -0.76	49.38 2.93 0.00	45.59 2.66 0.00	41.18 2.11 0.00	40.07 1.73 0.00	38.25 1.43 0.00	39.83 1.64 0.00	47.84 1.94 -7.89	54.20 2.18 -9.21	55.44 2.50 -4.90	60.13 2.92 0.00	53.21 2.39 0.00	43.60 1.88 0.00	38.75 1.45 0.00	36.43 1.06 0.00
BEAVER RIVER___HYD 24048	24.73 -0.78 -0.43	23.17 -0.68 -0.36	22.29 -0.63 -0.38	21.99 -0.62 -0.33	23.06 -0.70 -0.36	28.24 -0.67 -2.26	32.56 -0.67 -2.76	48.75 -0.60 -3.10	50.82 -0.78 -3.15	46.88 -1.17 -2.99	45.34 -1.12 0.00	41.85 -1.07 0.00	38.09 -0.98 0.00	37.39 -0.96 0.00	35.93 -0.88 0.00	37.24 -0.95 0.00	39.33 -1.10 -2.42	45.01 -0.98 -3.19	50.61 -0.77 -3.34	56.47 -0.75 0.00	50.06 -0.76 0.00	41.05 -0.67 0.00	36.55 -0.75 0.00	34.63 -0.74 0.00
BEEBEE_GT_13 23619	25.75 -0.70 -1.37	23.96 -0.68 -1.15	23.09 -0.65 -1.20	22.69 -0.65 -1.05	23.87 -0.68 -1.14	26.54 -0.85 -0.75	32.23 -0.24 -2.01	45.05 -1.20 0.00	46.86 -1.60 0.00	43.69 -1.44 -0.07	44.82 -1.63 0.00	41.42 -1.50 0.00	37.86 -1.21 0.00	37.35 -1.00 0.00	35.86 -0.96 0.00	37.20 -0.99 0.00	37.74 -1.03 -0.75	42.19 -1.50 -0.88	47.21 -1.30 -0.47	55.44 -1.77 0.00	49.50 -1.32 0.00	40.60 -1.13 0.00	36.55 -0.75 0.00	35.05 -0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.42 1.71 -23.63	49.85 1.60 -24.76	33.97 1.49 -9.94	32.31 1.40 -8.61	34.28 1.50 -9.37	34.58 1.81 -6.13	51.91 2.35 -19.10	63.41 4.90 -12.26	64.34 5.23 -10.65	62.51 5.00 -12.45	54.87 5.06 -3.35	55.34 4.59 -7.83	55.55 4.22 -12.27	57.59 4.18 -15.06	58.91 4.09 -18.01	57.42 4.35 -14.87	54.00 4.14 -11.84	55.17 4.49 -7.87	57.19 5.14 -4.01	78.49 6.29 -14.98	55.95 5.13 0.00	58.87 4.13 -13.01	52.47 3.32 -11.86	50.50 2.72 -12.41
BETHLEHEM___GRP 23843	39.65 0.95 -13.61	35.76 0.89 -11.37	35.31 0.83 -11.94	33.56 0.82 -10.45	35.64 0.87 -11.37	35.05 0.99 -7.43	51.84 1.40 -19.97	48.66 2.41 0.00	50.97 2.52 0.00	48.12 2.30 -0.76	48.87 2.42 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.15 0.95 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.90	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.15 0.86 0.00	35.90 0.53 0.00
BETHLEHEM___GS1 323560	39.65 0.95 -13.61	35.74 0.87 -11.37	35.31 0.83 -11.94	33.56 0.83 -10.45	35.64 0.87 -11.37	35.06 0.99 -7.43	50.28 1.40 -18.42	48.66 2.40 0.00	50.97 2.52 0.00	48.11 2.30 -0.76	48.86 2.41 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.18 0.99 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.91	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.16 0.86 0.00	35.90 0.53 0.00
BETHLEHEM___GS2 323561	39.65 0.95 -13.61	35.74 0.87 -11.37	35.31 0.83 -11.94	33.56 0.83 -10.45	35.64 0.87 -11.37	35.06 0.99 -7.43	50.28 1.40 -18.42	48.66 2.40 0.00	50.97 2.52 0.00	48.11 2.30 -0.76	48.86 2.41 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.18 0.99 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.91	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.16 0.86 0.00	35.90 0.53 0.00
BETHLEHEM___GS3 323562	39.65 0.95 -13.61	35.74 0.87 -11.37	35.31 0.83 -11.94	33.56 0.83 -10.45	35.64 0.87 -11.37	35.06 0.99 -7.43	50.28 1.40 -18.42	48.66 2.40 0.00	50.97 2.52 0.00	48.11 2.30 -0.76	48.86 2.41 0.00	45.11 2.19 0.00	40.71 1.64 0.00	39.57 1.23 0.00	37.70 0.88 0.00	39.18 0.99 0.00	47.24 1.33 -7.89	53.48 1.46 -9.22	54.63 1.68 -4.91	59.16 1.95 0.00	52.35 1.52 0.00	42.89 1.17 0.00	38.16 0.86 0.00	35.90 0.53 0.00
BETHLEHEM___STEEL 23779	25.13 -1.78 -1.83	23.35 -1.67 -1.53	22.50 -1.65 -1.60	22.07 -1.63 -1.40	23.16 -1.78 -1.53	25.59 -2.05 -1.00	31.80 -1.34 -2.68	43.66 -2.59 0.00	45.45 -3.00 0.00	41.82 -3.33 -0.10	43.43 -3.02 0.00	40.31 -2.62 0.00	36.76 -2.31 0.00	36.39 -1.96 0.00	34.86 -1.95 0.00	36.21 -1.99 0.00	36.40 -2.62 -1.01	40.60 -3.38 -1.18	45.54 -3.12 -0.63	54.01 -3.20 0.00	48.38 -2.44 0.00	39.80 -1.92 0.00	35.92 -1.38 0.00	34.81 -0.57 0.00
BETHLHEM_115KV_TB1 79974	39.62 0.93 -13.60	35.70 0.85 -11.37	35.28 0.81 -11.93	33.53 0.80 -10.44	35.61 0.84 -11.36	35.02 0.96 -7.42	51.79 1.37 -19.96	48.61 2.36 0.00	50.93 2.47 0.00	48.07 2.25 -0.76	48.82 2.37 0.00	45.07 2.15 0.00	40.71 1.64 0.00	39.61 1.27 0.00	37.77 0.96 0.00	39.26 1.07 0.00	47.31 1.41 -7.88	53.55 1.54 -9.21	54.72 1.78 -4.90	59.33 2.12 0.00	52.45 1.63 0.00	43.01 1.29 0.00	38.27 0.97 0.00	36.01 0.64 0.00
BETHPAGE_CC_5 323564	37.12 0.83 -11.21	33.61 0.75 -9.36	33.05 0.68 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.63 0.88 -6.11	46.54 1.04 -15.04	49.21 2.96 0.01	51.55 3.10 0.01	49.10 3.42 -0.61	50.35 3.90 0.00	46.49 3.56 0.00	42.54 3.48 0.00	41.72 3.38 0.00	40.09 3.28 0.00	41.94 3.74 0.00	47.69 3.23 -6.45	53.33 3.00 -7.53	55.50 3.46 -4.00	61.27 4.06 0.01	53.86 3.05 0.01	44.68 2.96 0.00	39.65 2.35 0.00	36.82 1.45 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.08 -1.86 -1.86	23.31 -1.74 -1.55	22.46 -1.71 -1.63	22.00 -1.72 -1.43	23.11 -1.85 -1.55	25.55 -2.10 -1.01	31.76 -1.43 -2.73	43.71 -2.54 0.00	45.50 -2.96 0.00	41.64 -3.51 -0.10	43.48 -2.97 0.00	40.31 -2.62 0.00	36.76 -2.31 0.00	36.43 -1.92 0.00	34.90 -1.91 0.00	36.21 -1.99 0.00	36.27 -2.78 -1.03	40.46 -3.55 -1.21	45.41 -3.27 -0.64	54.12 -3.09 0.00	48.48 -2.34 0.00	39.89 -1.84 0.00	35.92 -1.38 0.00	34.81 -0.57 0.00

BINGHAMTON___COGEN 23790	28.39 -0.28 -3.58	26.23 -0.26 -2.99	25.43 -0.25 -3.14	24.81 -0.22 -2.75	26.16 -0.23 -2.99	28.30 -0.29 -1.95	35.84 0.12 -5.25	46.48 0.23 0.00	48.41 -0.05 0.00	44.89 -0.36 -0.19	46.31 -0.14 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.35 0.00 0.00	36.78 -0.04 0.00	38.23 0.04 0.00	39.89 -0.15 -2.02	44.95 -0.21 -2.36	49.30 0.00 -1.26	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.37 0.07 0.00	35.58 0.21 0.00
BIXINCNT_115KV_LOAD 355685	24.42 -2.66 -2.00	22.65 -2.51 -1.67	21.79 -2.50 -1.75	21.41 -2.41 -1.53	22.52 -2.55 -1.67	24.88 -2.85 -1.09	31.08 -2.32 -2.93	42.74 -3.52 0.00	44.43 -4.02 0.00	40.07 -5.09 -0.11	42.46 -3.99 0.00	39.36 -3.56 0.00	35.86 -3.20 0.00	35.55 -2.80 0.00	34.09 -2.72 0.00	35.40 -2.79 0.00	35.30 -3.84 -1.12	39.66 -4.45 -1.31	44.32 -4.42 -0.70	53.67 -3.55 0.00	48.23 -2.59 0.00	39.72 -2.00 0.00	35.66 -1.64 0.00	34.49 -0.88 0.00
BLACK RIVER___HYD 24047	25.11 -0.55 -0.58	23.53 -0.45 -0.49	22.62 -0.43 -0.51	22.34 -0.40 -0.45	23.40 -0.49 -0.49	28.03 -0.35 -1.74	32.48 -0.27 -2.29	48.65 0.23 -2.17	50.60 -0.05 -2.20	46.49 -0.67 -2.11	45.85 -0.61 0.00	42.32 -0.60 0.00	38.56 -0.51 0.00	37.81 -0.54 0.00	36.38 -0.44 0.00	37.69 -0.50 0.00	38.99 -0.87 -1.84	44.52 -0.69 -2.41	50.18 -0.29 -2.43	57.16 -0.06 0.00	50.57 -0.25 0.00	41.47 -0.25 0.00	36.89 -0.41 0.00	34.95 -0.42 0.00
BLACKRVR_115KV_TB2 79977	25.11 -0.55 -0.58	23.53 -0.45 -0.49	22.62 -0.43 -0.51	22.33 -0.40 -0.45	23.52 -0.37 -0.49	28.04 -0.35 -1.74	32.62 -0.27 -2.43	48.65 0.23 -2.17	50.60 -0.05 -2.20	46.49 -0.68 -2.11	45.85 -0.60 0.00	42.32 -0.60 0.00	38.56 -0.51 0.00	37.81 -0.54 0.00	36.37 -0.44 0.00	37.69 -0.50 0.00	38.98 -0.87 -1.84	44.53 -0.68 -2.41	50.18 -0.29 -2.43	57.16 -0.06 0.00	50.57 -0.25 0.00	41.47 -0.25 0.00	36.85 -0.45 0.00	34.95 -0.42 0.00
BLISS_WT_PWR 323608	24.22 -2.86 -2.00	22.39 -2.77 -1.67	21.59 -2.71 -1.75	21.21 -2.61 -1.53	22.43 -2.65 -1.67	24.75 -2.98 -1.09	30.47 -2.59 -2.60	42.32 -3.93 0.00	44.00 -4.46 0.00	39.67 -5.50 -0.11	41.99 -4.46 0.00	39.02 -3.91 0.00	35.51 -3.55 0.00	35.20 -3.14 0.00	33.83 -2.98 0.00	35.02 -3.17 0.00	35.03 -4.11 -1.12	39.45 -4.66 -1.31	44.03 -4.71 -0.70	53.43 -3.78 0.00	48.03 -2.80 0.00	39.55 -2.17 0.00	35.51 -1.79 0.00	34.35 -1.03 0.00
BLUESTONE___WT_PWR 323821	29.21 0.25 -3.87	27.03 0.30 -3.24	26.23 0.29 -3.40	25.57 0.31 -2.97	26.92 0.28 -3.23	29.18 0.42 -2.11	36.34 0.82 -5.06	47.91 1.66 0.00	50.10 1.65 0.00	46.22 0.95 -0.21	47.70 1.25 0.00	44.04 1.11 0.00	40.16 1.09 0.00	39.50 1.15 0.00	37.99 1.18 0.00	39.56 1.37 0.00	41.40 1.22 -2.17	46.79 1.46 -2.53	51.45 2.06 -1.35	59.85 2.63 0.00	52.75 1.93 0.00	43.18 1.46 0.00	38.38 1.08 0.00	36.40 1.03 0.00
BLUE_CIRC_CHEM_DRP 24182	39.40 0.90 -13.42	35.55 0.85 -11.21	35.12 0.81 -11.76	33.39 0.80 -10.29	35.45 0.84 -11.20	34.89 0.93 -7.32	51.52 1.37 -19.69	48.66 2.41 0.00	50.93 2.47 0.00	47.97 2.16 -0.74	48.73 2.28 0.00	44.98 2.06 0.00	40.75 1.68 0.00	39.77 1.42 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.41 1.63 -7.76	53.71 1.84 -9.06	54.97 2.11 -4.82	59.79 2.57 0.00	52.96 2.13 0.00	43.39 1.67 0.00	38.64 1.34 0.00	36.40 1.03 0.00
BOC_GAS_DRP 24189	39.37 0.73 -13.56	35.48 0.66 -11.32	35.08 0.65 -11.89	33.34 0.65 -10.40	35.41 0.68 -11.32	34.78 0.75 -7.39	51.51 1.16 -19.89	48.33 2.08 0.00	50.63 2.18 0.00	47.84 2.03 -0.75	48.54 2.09 0.00	44.81 1.89 0.00	40.67 1.60 0.00	39.77 1.42 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.48 1.63 -7.83	53.75 1.80 -9.15	54.92 2.02 -4.86	59.67 2.46 0.00	52.80 1.98 0.00	43.31 1.59 0.00	38.49 1.19 0.00	36.26 0.88 0.00
BOONVILLE_115KV_TB1 79983	25.47 0.00 -0.38	23.84 0.02 -0.32	22.92 0.05 -0.34	22.63 0.04 -0.29	23.80 0.07 -0.32	27.78 0.13 -1.00	32.12 0.21 -1.44	48.07 0.60 -1.22	50.22 0.53 -1.24	46.43 0.18 -1.19	46.73 0.28 0.00	43.18 0.26 0.00	39.34 0.27 0.00	38.58 0.23 0.00	37.11 0.29 0.00	38.46 0.27 0.00	39.30 0.23 -1.05	44.52 0.34 -1.37	50.04 0.62 -1.38	58.01 0.80 0.00	51.38 0.56 0.00	42.14 0.42 0.00	37.52 0.22 0.00	35.55 0.18 0.00
BORALEX_4TH_BRANCH 23824	40.01 1.38 -13.55	36.11 1.29 -11.32	35.62 1.19 -11.88	33.87 1.18 -10.40	35.96 1.24 -11.32	35.53 1.49 -7.39	52.26 1.92 -19.88	50.88 4.63 0.00	53.20 4.75 0.00	50.23 4.42 -0.75	50.96 4.51 0.00	47.05 4.12 0.00	42.78 3.71 0.00	41.99 3.64 0.00	40.35 3.53 0.00	41.97 3.78 0.00	48.94 3.04 -7.88	55.43 3.42 -9.20	56.87 3.94 -4.89	61.90 4.69 0.00	54.63 3.81 0.00	44.77 3.05 0.00	39.80 2.50 0.00	37.39 2.02 0.00
BOWLINE___1 23526	36.85 1.00 -10.76	33.42 0.94 -8.99	32.86 0.88 -9.44	31.37 0.83 -8.26	33.28 0.89 -8.99	33.61 1.09 -5.87	46.35 1.46 -14.43	49.63 3.37 0.00	52.09 3.64 0.00	49.12 3.47 -0.59	50.03 3.58 0.00	46.15 3.22 0.00	42.08 3.01 0.00	41.30 2.95 0.00	39.69 2.87 0.00	41.32 3.13 0.00	47.09 2.89 -6.18	53.15 3.12 -7.22	55.44 3.55 -3.84	61.56 4.35 0.00	54.28 3.46 0.00	44.52 2.80 0.00	39.42 2.12 0.00	37.03 1.66 0.00
BOWLINE___2 23595	36.85 1.00 -10.76	33.42 0.94 -8.99	32.86 0.88 -9.44	31.37 0.83 -8.26	33.28 0.89 -8.99	33.61 1.09 -5.87	46.36 1.46 -14.43	49.63 3.37 0.00	52.09 3.64 0.00	49.12 3.47 -0.59	49.98 3.53 0.00	46.15 3.22 0.00	42.08 3.01 0.00	41.30 2.95 0.00	39.69 2.87 0.00	41.32 3.13 0.00	47.09 2.89 -6.18	53.15 3.12 -7.23	55.44 3.55 -3.84	61.56 4.35 0.00	54.28 3.46 0.00	44.52 2.80 0.00	39.42 2.12 0.00	37.03 1.66 0.00
BRADY___115KV_TB2 356060	24.53 -0.55 0.00	23.00 -0.49 0.00	22.09 -0.45 0.00	21.80 -0.49 0.00	22.92 -0.49 0.00	28.79 -0.45 -2.60	32.58 -0.76 -2.88	49.20 -0.97 -3.92	51.51 -0.92 -3.98	48.01 -0.81 -3.76	45.61 -0.84 0.00	42.11 -0.82 0.00	38.33 -0.74 0.00	37.70 -0.65 0.00	36.19 -0.63 0.00	37.24 -0.95 0.00	39.66 -0.91 -2.56	45.87 -0.64 -3.71	51.33 -0.77 -4.06	56.41 -0.80 0.00	50.67 -0.15 0.00	41.51 -0.21 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
BRANSCOMB___SOLAR 323811	40.32 1.28 -13.96	36.30 1.15 -11.66	35.88 1.10 -12.24	34.07 1.07 -10.71	36.19 1.12 -11.66	35.59 1.33 -7.61	51.09 1.74 -18.89	49.67 3.42 0.00	51.80 3.34 0.00	48.77 2.93 -0.78	49.52 3.06 0.00	45.63 2.71 0.00	41.45 2.38 0.00	40.61 2.26 0.00	39.06 2.25 0.00	40.75 2.56 0.00	48.54 2.40 -8.13	55.13 2.82 -9.50	56.24 3.12 -5.08	60.82 3.61 0.00	53.82 3.00 0.00	44.10 2.38 0.00	39.53 2.24 0.00	37.17 1.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.15 0.85 -11.21	33.66 0.80 -9.36	33.07 0.70 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.69 0.93 -6.11	48.13 1.22 -16.45	49.57 3.33 0.01	51.89 3.44 0.01	49.59 3.92 -0.61	50.82 4.37 0.00	46.96 4.03 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.35 4.16 0.00	48.11 3.65 -6.45	53.75 3.42 -7.53	55.93 3.89 -4.00	61.72 4.52 0.01	54.32 3.51 0.01	45.10 3.38 0.00	39.87 2.57 0.00	36.93 1.56 0.00

CALVERTON___SOLAR 323806	37.02 0.73 -11.21	33.49 0.63 -9.36	32.93 0.56 -9.83	31.31 0.42 -8.60	33.21 0.44 -9.36	33.53 0.77 -6.11	46.44 0.95 -15.04	49.02 2.77 0.01	51.50 3.05 0.01	49.41 3.74 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.54 3.21 -7.53	55.74 3.70 -4.00	61.50 4.29 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.53 2.24 0.00	36.68 1.31 0.00
CANDIGU_WT_PWR 323617	25.85 -1.73 -2.50	23.93 -1.65 -2.09	23.15 -1.58 -2.19	22.67 -1.54 -1.92	23.92 -1.57 -2.08	26.19 -1.81 -1.36	32.33 -1.40 -3.27	44.03 -2.22 0.00	45.64 -2.81 0.00	41.86 -3.33 -0.13	43.34 -3.11 0.00	40.39 -2.53 0.00	36.76 -2.31 0.00	36.20 -2.15 0.00	34.68 -2.14 0.00	35.86 -2.33 0.00	36.76 -2.66 -1.40	41.44 -3.00 -1.64	46.22 -2.69 -0.87	54.52 -2.69 0.00	48.69 -2.13 0.00	39.84 -1.88 0.00	35.73 -1.57 0.00	34.31 -1.06 0.00
CARR STREET_E_SYR 24060	25.95 -0.15 -1.02	24.18 -0.16 -0.85	23.28 -0.16 -0.90	22.94 -0.13 -0.78	24.12 -0.14 -0.85	27.04 -0.16 -0.56	31.91 0.15 -1.29	46.11 -0.14 0.00	48.12 -0.34 0.00	44.75 -0.36 -0.05	46.13 -0.32 0.00	42.63 -0.30 0.00	38.80 -0.27 0.00	38.12 -0.23 0.00	36.56 -0.26 0.00	37.96 -0.23 0.00	38.31 -0.26 -0.55	43.11 -0.34 -0.65	48.15 -0.24 -0.34	56.81 -0.40 0.00	50.41 -0.41 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
CARTHAGE___PAPER 23857	24.85 -0.75 -0.52	23.30 -0.63 -0.44	22.39 -0.61 -0.46	22.11 -0.58 -0.40	23.16 -0.68 -0.44	28.00 -0.59 -1.94	32.36 -0.58 -2.47	48.46 -0.32 -2.53	50.44 -0.58 -2.56	46.48 -1.03 -2.45	45.43 -1.02 0.00	41.94 -0.99 0.00	38.17 -0.90 0.00	37.47 -0.88 0.00	36.01 -0.81 0.00	37.31 -0.88 0.00	38.98 -1.10 -2.06	44.57 -0.94 -2.71	50.20 -0.63 -2.78	56.70 -0.52 0.00	50.26 -0.56 0.00	41.22 -0.50 0.00	36.66 -0.63 0.00	34.74 -0.64 0.00
CASSADAGA_WT_PWR 323784	24.50 -2.56 -1.98	22.68 -2.47 -1.65	21.89 -2.39 -1.74	21.44 -2.36 -1.52	22.70 -2.36 -1.65	25.19 -2.53 -1.08	31.09 -1.95 -2.58	43.20 -3.05 0.00	45.16 -3.30 0.00	41.06 -4.10 -0.10	42.87 -3.58 0.00	39.75 -3.18 0.00	36.14 -2.93 0.00	35.86 -2.49 0.00	34.24 -2.58 0.00	35.59 -2.60 0.00	35.93 -3.19 -1.10	40.63 -3.47 -1.29	45.75 -2.98 -0.69	54.92 -2.29 0.00	49.30 -1.52 0.00	40.55 -1.17 0.00	36.33 -0.97 0.00	35.23 -0.14 0.00
CE_DUNWOOD___DRP 24194	37.48 1.20 -11.19	33.99 1.15 -9.35	33.41 1.06 -9.81	31.88 1.00 -8.59	33.83 1.08 -9.35	34.05 1.31 -6.10	48.62 1.74 -16.42	50.14 3.89 0.00	52.62 4.17 0.00	49.68 4.01 -0.61	50.49 4.04 0.00	46.66 3.73 0.00	42.54 3.48 0.00	41.72 3.37 0.00	40.13 3.31 0.00	41.74 3.55 0.00	47.76 3.31 -6.43	53.92 3.60 -7.52	56.12 4.08 -4.00	62.19 4.98 0.00	54.79 3.96 0.00	44.93 3.21 0.00	39.80 2.50 0.00	37.32 1.95 0.00
CE_MILLWOOD___DRP 24193	37.26 1.13 -11.04	33.80 1.08 -9.23	33.22 0.99 -9.69	31.70 0.94 -8.48	33.61 0.98 -9.22	33.89 1.23 -6.02	48.28 1.61 -16.21	49.91 3.65 0.00	52.38 3.92 0.00	49.45 3.79 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.35 3.28 0.00	41.57 3.22 0.00	39.94 3.13 0.00	41.55 3.36 0.00	47.48 3.12 -6.35	53.60 3.38 -7.42	55.83 3.84 -3.94	61.90 4.69 0.00	54.58 3.76 0.00	44.77 3.05 0.00	39.65 2.35 0.00	37.21 1.84 0.00
CE_NYC2_DRP 24202	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.93 2.01 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.98 4.60 -2.32	51.54 4.60 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.91 4.01 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
CE_NYC_DRP 24195	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.45	50.51 4.26 0.00	53.01 4.55 0.00	50.09 4.42 -0.61	50.82 4.37 0.00	46.96 4.03 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.42 3.61 0.00	42.05 3.86 0.00	48.08 3.61 -6.45	54.23 3.90 -7.53	56.47 4.42 -4.01	62.65 5.44 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.06 2.76 0.00	37.49 2.12 0.00
CHAFFEE___LFGE 323603	24.75 -2.46 -2.12	22.94 -2.33 -1.77	22.17 -2.23 -1.86	21.71 -2.21 -1.63	22.91 -2.27 -1.77	25.24 -2.56 -1.16	31.13 -2.10 -2.77	43.80 -2.45 0.00	45.60 -2.86 0.00	40.53 -4.64 -0.11	43.29 -3.16 0.00	40.22 -2.70 0.00	36.57 -2.50 0.00	36.20 -2.15 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	35.26 -3.95 -1.20	39.67 -4.54 -1.40	44.32 -4.47 -0.74	54.30 -2.92 0.00	48.64 -2.18 0.00	39.93 -1.79 0.00	35.66 -1.64 0.00	34.52 -0.85 0.00
CHATEAUG_35_KV_LOAD 355732	23.98 -1.10 0.00	22.37 -1.13 0.00	21.44 -1.10 0.00	21.13 -1.16 0.00	22.21 -1.19 0.00	-9.81 -1.31 35.15	-10.15 -1.64 38.96	-11.42 -2.31 55.36	-10.00 -2.28 56.18	-10.05 -1.98 53.12	44.41 -2.04 0.00	41.21 -1.72 0.00	37.35 -1.72 0.00	36.81 -1.53 0.00	35.38 -1.44 0.00	36.43 -1.76 0.00	-4.15 -1.82 40.34	-10.00 -1.84 50.96	-10.00 -2.31 55.73	54.52 -2.69 0.00	49.09 -1.73 0.00	40.34 -1.38 0.00	36.22 -1.08 0.00	34.45 -0.92 0.00
CHATEAUG_WT_PWR 323614	24.03 -1.05 0.00	22.44 -1.06 0.00	21.48 -1.06 0.00	21.18 -1.11 0.00	22.26 -1.15 0.00	-7.00 -1.30 32.34	-7.00 -1.62 35.85	-7.05 -2.31 50.99	-5.56 -2.28 51.74	-5.81 -1.94 48.93	44.50 -1.95 0.00	41.29 -1.63 0.00	37.43 -1.64 0.00	36.89 -1.46 0.00	35.45 -1.36 0.00	36.51 -1.68 0.00	-0.80 -1.75 37.07	-5.82 -1.80 46.83	-5.38 -2.21 51.21	54.70 -2.52 0.00	49.19 -1.63 0.00	40.43 -1.29 0.00	36.29 -1.01 0.00	34.52 -0.85 0.00
CHAT_HIGH_FALL_HYD 323578	23.98 -1.10 0.00	22.37 -1.13 0.00	21.44 -1.10 0.00	21.13 -1.16 0.00	22.21 -1.19 0.00	-9.81 -1.31 35.15	-10.15 -1.64 38.96	-11.42 -2.31 55.36	-10.00 -2.28 56.18	-10.05 -1.98 53.12	44.41 -2.04 0.00	41.21 -1.72 0.00	37.35 -1.72 0.00	36.81 -1.53 0.00	35.38 -1.44 0.00	36.43 -1.76 0.00	-4.15 -1.82 40.34	-10.00 -1.84 50.96	-10.00 -2.31 55.73	54.52 -2.69 0.00	49.09 -1.73 0.00	40.34 -1.38 0.00	36.22 -1.08 0.00	34.45 -0.92 0.00
CHAUTAUQUA___LFGE 323629	25.03 -1.98 -1.93	23.21 -1.90 -1.61	22.39 -1.85 -1.69	21.94 -1.83 -1.48	23.19 -1.83 -1.61	25.67 -2.03 -1.05	31.58 -1.40 -2.51	43.80 -2.45 0.00	45.64 -2.81 0.00	41.73 -3.43 -0.10	43.34 -3.11 0.00	40.26 -2.66 0.00	36.65 -2.42 0.00	36.35 -2.00 0.00	34.79 -2.02 0.00	36.05 -2.14 0.00	36.35 -2.74 -1.07	40.94 -3.12 -1.26	46.02 -2.69 -0.67	54.98 -2.23 0.00	49.30 -1.52 0.00	40.51 -1.21 0.00	36.37 -0.93 0.00	35.27 -0.11 0.00
CHERRYST_13_KV_LD 356241	37.65 1.35 -11.21	34.13 1.27 -9.37	33.55 1.17 -9.83	32.01 1.11 -8.61	33.97 1.19 -9.37	34.25 1.49 -6.12	48.87 1.95 -16.45	50.65 4.39 0.00	53.20 4.75 0.00	50.23 4.55 -0.61	51.00 4.55 0.00	47.09 4.16 0.00	42.97 3.91 0.00	42.18 3.83 0.00	40.57 3.76 0.00	42.20 4.01 0.00	48.19 3.73 -6.45	54.36 4.02 -7.53	56.61 4.56 -4.01	62.82 5.61 0.00	55.24 4.42 0.00	45.35 3.63 0.00	40.13 2.83 0.00	37.60 2.23 0.00

CHESTROR_138KV_BK263 355645	36.22 0.83 -10.31	32.93 0.82 -8.61	32.35 0.77 -9.04	30.91 0.71 -7.91	32.79 0.77 -8.61	33.20 0.93 -5.62	46.87 1.28 -15.13	49.17 2.91 0.00	51.60 3.15 0.00	48.64 3.02 -0.56	49.52 3.07 0.00	45.71 2.79 0.00	41.65 2.58 0.00	40.88 2.53 0.00	39.28 2.47 0.00	40.83 2.64 0.00	46.41 2.47 -5.92	52.46 2.74 -6.92	54.84 3.12 -3.68	61.05 3.83 0.00	53.82 3.00 0.00	44.14 2.42 0.00	39.12 1.83 0.00	36.79 1.41 0.00
CH_MIDHUDSON___DRP 24192	37.53 1.10 -11.34	34.05 1.08 -9.47	33.50 1.01 -9.94	31.93 0.94 -8.70	33.88 1.01 -9.47	34.03 1.20 -6.19	48.72 1.61 -16.64	49.77 3.52 0.00	52.28 3.83 0.00	49.33 3.65 -0.62	50.17 3.72 0.00	46.32 3.39 0.00	42.19 3.13 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.36 3.17 0.00	47.52 2.97 -6.53	53.73 3.30 -7.63	55.85 3.75 -4.06	61.73 4.52 0.00	54.43 3.61 0.00	44.64 2.92 0.00	39.57 2.28 0.00	37.18 1.80 0.00
CH_MISC_IPPS 23765	37.38 1.15 -11.14	33.90 1.10 -9.31	33.35 1.04 -9.77	31.82 0.98 -8.55	33.74 1.03 -9.30	33.97 1.25 -6.08	47.08 1.67 -14.94	49.95 3.70 0.00	52.47 4.02 0.00	49.50 3.83 -0.61	50.45 4.00 0.00	46.53 3.61 0.00	42.35 3.28 0.00	41.57 3.22 0.00	39.94 3.13 0.00	41.59 3.40 0.00	47.60 3.19 -6.39	53.78 3.51 -7.46	56.04 4.04 -3.97	62.13 4.92 0.00	54.74 3.91 0.00	44.85 3.13 0.00	39.72 2.42 0.00	37.32 1.94 0.00
CH_RES_BVR_FALLS 23983	24.48 -0.60 0.00	22.91 -0.59 0.00	21.98 -0.56 0.00	21.73 -0.56 0.00	22.80 -0.61 0.00	25.93 -0.72 0.00	29.64 -0.82 0.00	45.10 -1.15 0.00	47.34 -1.11 0.00	44.07 -0.99 0.00	45.43 -1.02 0.00	42.02 -0.90 0.00	38.25 -0.82 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	41.99 -0.81 0.00	47.08 -0.96 0.00	56.12 -1.09 0.00	50.01 -0.82 0.00	40.84 -0.88 0.00	36.59 -0.71 0.00	34.77 -0.60 0.00
CH_RES_NIAGARA 23895	24.81 -1.98 -1.71	23.09 -1.83 -1.43	22.24 -1.80 -1.50	21.79 -1.81 -1.31	22.89 -1.94 -1.43	25.26 -2.32 -0.93	31.29 -1.68 -2.51	42.51 -3.75 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.22 -4.23 0.00	39.15 -3.78 0.00	35.83 -3.24 0.00	35.43 -2.91 0.00	33.94 -2.87 0.00	35.21 -2.98 0.00	35.77 -3.19 -0.95	39.71 -4.19 -1.10	44.59 -4.04 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.47 -3.25 0.00	34.84 -2.46 0.00	33.82 -1.56 0.00
CH_RES_SYRACUSE 23985	26.19 -0.03 -1.14	24.40 -0.05 -0.95	23.49 -0.04 -1.00	23.14 -0.02 -0.87	24.33 -0.02 -0.95	27.24 -0.03 -0.62	32.22 0.30 -1.45	46.34 0.09 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.36 -0.09 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.27 -0.08 0.00	36.74 -0.07 0.00	38.15 -0.04 0.00	38.52 -0.11 -0.62	43.36 -0.17 -0.73	48.38 -0.05 -0.39	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.30 0.00 0.00	35.48 0.11 0.00
CLINTON_WT_PWR 323605	24.03 -1.05 0.00	22.44 -1.06 0.00	21.48 -1.06 0.00	21.18 -1.11 0.00	22.26 -1.15 0.00	-7.00 -1.30 32.34	-7.00 -1.62 35.85	-7.05 -2.31 50.99	-5.56 -2.28 51.74	-5.81 -1.94 48.93	44.50 -1.95 0.00	41.29 -1.63 0.00	37.43 -1.64 0.00	36.89 -1.46 0.00	35.45 -1.36 0.00	36.51 -1.68 0.00	-0.80 -1.75 37.07	-5.82 -1.80 46.83	-5.38 -2.21 51.21	54.70 -2.52 0.00	49.19 -1.63 0.00	40.43 -1.29 0.00	36.29 -1.01 0.00	34.52 -0.85 0.00
CLINTON___LFGE 323618	24.33 -0.75 0.00	22.72 -0.77 0.00	21.77 -0.77 0.00	21.47 -0.82 0.00	22.59 -0.82 0.00	-6.55 -0.85 32.34	-6.42 -1.04 35.85	-6.31 -1.57 50.99	-4.84 -1.55 51.74	-5.08 -1.21 48.93	45.29 -1.16 0.00	41.98 -0.94 0.00	38.05 -1.02 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.16 -1.03 0.00	0.00 -0.95 37.07	-4.93 -0.90 46.83	-4.37 -1.20 51.21	55.78 -1.43 0.00	50.36 -0.46 0.00	41.30 -0.42 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
COBBLENY_34_KV_TB1 80064	24.75 -2.46 -2.12	22.97 -2.30 -1.77	22.17 -2.23 -1.86	21.71 -2.21 -1.63	22.84 -2.34 -1.77	25.19 -2.61 -1.16	31.48 -2.10 -3.12	43.80 -2.45 0.00	45.64 -2.81 0.00	40.53 -4.64 -0.11	43.34 -3.11 0.00	40.22 -2.70 0.00	36.61 -2.46 0.00	36.24 -2.11 0.00	34.64 -2.17 0.00	35.94 -2.25 0.00	35.30 -3.92 -1.20	39.67 -4.54 -1.40	44.36 -4.42 -0.74	54.29 -2.92 0.00	48.64 -2.19 0.00	39.93 -1.79 0.00	35.66 -1.64 0.00	34.52 -0.85 0.00
COFFEEN___115KV_TB3 355620	25.23 -0.45 -0.59	23.61 -0.38 -0.50	22.72 -0.34 -0.52	22.43 -0.31 -0.45	23.62 -0.28 -0.50	28.11 -0.24 -1.70	32.71 -0.15 -2.40	48.86 0.51 -2.10	50.78 0.19 -2.13	46.57 -0.54 -2.05	45.99 -0.46 0.00	42.45 -0.47 0.00	38.68 -0.39 0.00	37.93 -0.42 0.00	36.48 -0.33 0.00	37.81 -0.38 0.00	39.02 -0.80 -1.80	44.60 -0.56 -2.35	50.36 -0.05 -2.37	57.44 0.23 0.00	50.82 0.00 0.00	41.64 -0.08 0.00	37.00 -0.30 0.00	35.09 -0.28 0.00
COLDSPRG_115KV_BK1 355956	25.13 -2.01 -2.05	23.31 -1.90 -1.72	22.47 -1.87 -1.80	22.02 -1.85 -1.58	23.18 -1.94 -1.72	25.71 -2.05 -1.12	32.14 -1.34 -3.01	44.45 -1.80 0.00	46.37 -2.08 0.00	41.79 -3.38 -0.11	44.13 -2.32 0.00	40.86 -2.06 0.00	37.15 -1.91 0.00	36.85 -1.50 0.00	35.23 -1.58 0.00	36.59 -1.60 0.00	36.39 -2.78 -1.15	40.98 -3.17 -1.35	46.02 -2.74 -0.72	55.67 -1.54 0.00	49.96 -0.86 0.00	41.05 -0.67 0.00	36.74 -0.56 0.00	35.58 0.21 0.00
COLONIE_LFGE___ 323577	39.97 1.10 -13.79	36.00 0.99 -11.52	35.58 0.95 -12.09	33.80 0.94 -10.58	35.90 0.98 -11.51	35.33 1.17 -7.52	50.73 1.58 -18.68	49.40 3.15 0.00	51.65 3.20 0.00	48.76 2.93 -0.77	49.47 3.02 0.00	45.67 2.75 0.00	41.45 2.38 0.00	40.61 2.26 0.00	38.99 2.17 0.00	40.60 2.41 0.00	48.33 2.28 -8.03	54.80 2.61 -9.38	56.02 2.98 -5.00	60.70 3.49 0.00	53.67 2.84 0.00	43.97 2.25 0.00	39.20 1.90 0.00	36.86 1.49 0.00
COOPERNY_115KV_TB1 80082	34.07 0.58 -8.41	31.11 0.59 -7.03	30.46 0.54 -7.38	29.26 0.51 -6.45	30.99 0.56 -7.02	31.90 0.67 -4.59	43.75 0.94 -12.34	48.43 2.17 0.00	50.78 2.33 0.00	47.73 2.21 -0.46	48.68 2.23 0.00	44.94 2.02 0.00	40.94 1.88 0.00	40.19 1.84 0.00	38.62 1.80 0.00	40.14 1.95 0.00	44.67 1.82 -4.83	50.46 2.01 -5.64	53.35 2.31 -3.00	60.02 2.80 0.00	53.01 2.19 0.00	43.52 1.79 0.00	38.64 1.34 0.00	36.40 1.03 0.00
COPENHAGEN_WT_PWR 323753	25.14 -0.55 -0.61	23.53 -0.47 -0.51	22.65 -0.43 -0.54	22.36 -0.40 -0.47	23.43 -0.49 -0.51	27.91 -0.37 -1.64	32.39 -0.27 -2.20	48.33 0.09 -1.99	50.33 -0.14 -2.02	46.28 -0.72 -1.94	45.80 -0.65 0.00	42.24 -0.69 0.00	38.52 -0.55 0.00	37.77 -0.57 0.00	36.30 -0.52 0.00	37.66 -0.53 0.00	38.88 -0.87 -1.73	44.33 -0.73 -2.26	49.96 -0.33 -2.26	57.04 -0.17 0.00	50.47 -0.35 0.00	41.39 -0.34 0.00	36.85 -0.45 0.00	34.91 -0.46 0.00
CORNELL_____ 23752	27.77 0.20 -2.49	25.74 0.16 -2.08	24.88 0.16 -2.18	24.38 0.18 -1.91	25.70 0.21 -2.08	28.24 0.24 -1.36	34.85 0.73 -3.65	47.27 1.02 0.00	49.23 0.78 0.00	45.55 0.36 -0.13	46.91 0.46 0.00	43.27 0.34 0.00	39.42 0.35 0.00	38.69 0.35 0.00	37.11 0.29 0.00	38.65 0.46 0.00	39.79 0.38 -1.40	44.95 0.51 -1.63	49.87 0.96 -0.87	58.41 1.20 0.00	51.84 1.02 0.00	42.47 0.75 0.00	37.93 0.63 0.00	36.08 0.71 0.00

ELLENBURG_WT_PWR 323604	24.03 -1.05 0.00	22.44 -1.06 0.00	21.48 -1.06 0.00	21.18 -1.11 0.00	22.26 -1.15 0.00	-7.00 -1.30 32.34	-7.00 -1.62 35.85	-7.05 -2.31 50.99	-5.56 -2.28 51.74	-5.81 -1.94 48.93	44.50 -1.95 0.00	41.29 -1.63 0.00	37.43 -1.64 0.00	36.89 -1.46 0.00	35.45 -1.36 0.00	36.51 -1.68 0.00	-0.80 -1.75 37.07	-5.82 -1.80 46.83	-5.38 -2.21 51.21	54.70 -2.52 0.00	49.19 -1.63 0.00	40.43 -1.29 0.00	36.29 -1.01 0.00	34.52 -0.85 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.08 -1.78 -1.78	23.34 -1.64 -1.49	22.48 -1.62 -1.56	22.03 -1.63 -1.37	23.14 -1.76 -1.49	25.59 -2.02 -0.97	31.74 -1.34 -2.61	43.48 -2.78 0.00	45.26 -3.20 0.00	41.77 -3.38 -0.09	43.25 -3.21 0.00	40.09 -2.83 0.00	36.61 -2.46 0.00	36.24 -2.11 0.00	34.72 -2.10 0.00	36.01 -2.18 0.00	36.34 -2.66 -0.99	40.49 -3.47 -1.15	45.43 -3.22 -0.61	53.67 -3.55 0.00	48.13 -2.69 0.00	39.55 -2.17 0.00	35.69 -1.60 0.00	34.59 -0.78 0.00
EMPIRE_CC_1 323656	39.17 0.95 -13.13	35.26 0.80 -10.97	34.82 0.77 -11.52	33.15 0.78 -10.08	35.17 0.80 -10.97	34.74 0.93 -7.16	49.33 1.19 -17.68	48.10 1.85 0.00	50.34 1.89 0.00	47.60 1.80 -0.73	48.26 1.81 0.00	44.56 1.63 0.00	40.43 1.37 0.00	39.50 1.15 0.00	37.92 1.10 0.00	39.41 1.22 0.00	47.46 1.86 -7.58	53.75 2.10 -8.85	55.10 2.35 -4.71	59.96 2.75 0.00	53.06 2.23 0.00	43.51 1.79 0.00	38.79 1.49 0.00	36.47 1.10 0.00
EMPIRE_CC_2 323658	39.17 0.95 -13.13	35.26 0.80 -10.97	34.82 0.77 -11.52	33.15 0.78 -10.08	35.17 0.80 -10.97	34.74 0.93 -7.16	49.33 1.19 -17.68	48.10 1.85 0.00	50.34 1.89 0.00	47.60 1.80 -0.73	48.26 1.81 0.00	44.56 1.63 0.00	40.43 1.37 0.00	39.50 1.15 0.00	37.92 1.10 0.00	39.41 1.22 0.00	47.46 1.86 -7.58	53.75 2.10 -8.85	55.10 2.35 -4.71	59.96 2.75 0.00	53.06 2.23 0.00	43.51 1.79 0.00	38.79 1.49 0.00	36.47 1.10 0.00
ENORWICH_115KV_TB1 80156	29.10 0.58 -3.44	26.98 0.61 -2.88	26.15 0.59 -3.02	25.56 0.62 -2.64	26.94 0.66 -2.88	29.35 0.83 -1.88	36.82 1.31 -5.05	48.61 2.36 0.00	50.63 2.18 0.00	46.46 1.22 -0.19	47.98 1.53 0.00	44.25 1.33 0.00	40.40 1.33 0.00	39.69 1.34 0.00	38.21 1.40 0.00	39.80 1.60 0.00	41.50 1.56 -1.93	46.98 1.93 -2.25	52.07 2.83 -1.20	60.76 3.55 0.00	53.52 2.69 0.00	43.81 2.09 0.00	38.90 1.60 0.00	36.93 1.56 0.00
ERIE_ST_34_KV_TB1-2 80199	24.91 -2.03 -1.86	23.15 -1.90 -1.56	22.30 -1.87 -1.63	21.85 -1.87 -1.43	22.97 -1.99 -1.56	25.39 -2.26 -1.02	31.55 -1.64 -2.73	43.85 -2.41 0.00	45.64 -2.81 0.00	41.19 -3.97 -0.10	43.62 -2.83 0.00	40.43 -2.49 0.00	36.88 -2.19 0.00	36.54 -1.80 0.00	34.97 -1.84 0.00	36.32 -1.87 0.00	35.91 -3.16 -1.05	40.13 -3.90 -1.22	44.99 -3.70 -0.65	54.41 -2.80 0.00	48.74 -2.08 0.00	40.05 -1.67 0.00	35.99 -1.31 0.00	34.77 -0.60 0.00
ERIE_WT_PWR 323693	25.11 -1.81 -1.83	23.31 -1.71 -1.53	22.50 -1.64 -1.60	22.04 -1.65 -1.40	23.27 -1.66 -1.53	25.67 -1.97 -1.00	31.50 -1.34 -2.38	43.66 -2.59 0.00	45.40 -3.05 0.00	41.82 -3.33 -0.10	43.25 -3.20 0.00	40.26 -2.66 0.00	36.68 -2.38 0.00	36.39 -1.95 0.00	34.86 -1.95 0.00	36.02 -2.18 0.00	36.33 -2.70 -1.01	40.60 -3.38 -1.18	45.55 -3.12 -0.63	54.01 -3.20 0.00	48.43 -2.39 0.00	39.84 -1.88 0.00	35.92 -1.38 0.00	34.80 -0.57 0.00
ESPRGFLD_115KV_TB1 80157	26.36 1.28 0.00	24.69 1.20 0.00	23.71 1.17 0.00	23.45 1.16 0.00	24.65 1.24 0.00	28.08 1.44 0.00	32.35 1.89 0.00	49.54 3.28 0.00	51.99 3.54 0.00	47.77 2.75 0.04	49.38 2.93 0.00	45.76 2.83 0.00	41.76 2.70 0.00	40.99 2.65 0.00	39.43 2.61 0.00	41.06 2.86 0.00	40.17 2.62 0.47	45.29 3.04 0.55	51.54 3.80 0.29	61.79 4.58 0.00	54.74 3.91 0.00	44.89 3.17 0.00	39.87 2.57 0.00	37.67 2.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.74 0.18 -2.48	25.71 0.14 -2.07	24.85 0.14 -2.17	24.35 0.16 -1.90	25.66 0.19 -2.07	28.21 0.21 -1.35	34.80 0.70 -3.64	47.18 0.93 0.00	49.18 0.73 0.00	45.51 0.32 -0.13	46.87 0.42 0.00	43.22 0.30 0.00	39.38 0.31 0.00	38.65 0.31 0.00	37.07 0.26 0.00	38.57 0.38 0.00	39.75 0.34 -1.39	44.90 0.47 -1.62	49.77 0.86 -0.86	58.30 1.09 0.00	51.79 0.97 0.00	42.39 0.67 0.00	37.89 0.60 0.00	36.04 0.67 0.00
ETNA____115KV_TB2 80207	27.74 0.18 -2.48	25.71 0.14 -2.07	24.85 0.14 -2.17	24.35 0.16 -1.90	25.66 0.19 -2.07	28.21 0.21 -1.35	34.80 0.70 -3.64	47.18 0.93 0.00	49.18 0.73 0.00	45.51 0.32 -0.13	46.87 0.42 0.00	43.22 0.30 0.00	39.38 0.31 0.00	38.65 0.31 0.00	37.07 0.26 0.00	38.57 0.38 0.00	39.75 0.34 -1.39	44.90 0.47 -1.62	49.77 0.86 -0.86	58.30 1.09 0.00	51.79 0.97 0.00	42.39 0.67 0.00	37.89 0.60 0.00	36.04 0.67 0.00
EUCLID____115KV_TB2 356179	25.81 -0.23 -0.95	24.05 -0.23 -0.80	23.15 -0.23 -0.83	22.82 -0.20 -0.73	23.99 -0.21 -0.80	26.90 -0.27 -0.52	31.86 0.00 -1.40	45.88 -0.37 0.00	47.87 -0.58 0.00	44.52 -0.59 -0.05	45.89 -0.56 0.00	42.41 -0.52 0.00	38.60 -0.47 0.00	37.93 -0.42 0.00	36.37 -0.44 0.00	37.81 -0.38 0.00	38.08 -0.46 -0.52	42.85 -0.56 -0.60	47.88 -0.48 -0.32	56.53 -0.69 0.00	50.16 -0.66 0.00	41.22 -0.50 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
E_CANADA_CAP_HY 24051	42.85 1.86 -15.91	38.50 1.71 -13.29	38.14 1.64 -13.95	36.10 1.61 -12.21	38.38 1.69 -13.29	37.34 2.02 -8.68	54.99 2.44 -22.09	50.32 4.07 0.00	52.62 4.17 0.00	49.17 3.20 -0.91	49.70 3.25 0.00	46.18 3.26 0.00	42.08 3.01 0.00	41.26 2.91 0.00	39.69 2.87 0.00	41.40 3.21 0.00	50.64 3.15 -9.47	57.64 3.77 -11.07	58.68 4.76 -5.88	62.88 5.67 0.00	55.75 4.93 0.00	45.73 4.01 0.00	40.66 3.36 0.00	38.31 2.93 0.00
E_CANADA_MHWK_HY 24050	24.16 -0.93 0.00	22.65 -0.84 0.00	21.73 -0.81 0.00	21.51 -0.78 0.00	22.61 -0.80 0.00	25.79 -0.85 0.00	29.55 -0.91 0.00	45.05 -1.20 0.00	47.19 -1.26 0.00	43.75 -1.31 0.00	45.15 -1.30 0.00	41.64 -1.29 0.00	37.90 -1.17 0.00	37.16 -1.19 0.00	35.67 -1.14 0.00	37.05 -1.14 0.00	36.91 -1.10 0.00	41.52 -1.28 0.00	46.60 -1.44 0.00	55.38 -1.83 0.00	48.99 -1.83 0.00	40.18 -1.54 0.00	35.84 -1.46 0.00	33.92 -1.45 0.00
E_FISHKILL____LBMP 23776	37.55 1.08 -11.39	34.04 1.03 -9.51	33.47 0.95 -9.99	31.92 0.89 -8.74	33.88 0.96 -9.51	34.03 1.17 -6.21	48.73 1.55 -16.71	49.77 3.52 0.00	52.19 3.73 0.00	49.29 3.60 -0.62	50.07 3.62 0.00	46.27 3.35 0.00	42.15 3.09 0.00	41.34 2.99 0.00	39.72 2.91 0.00	41.32 3.13 0.00	47.49 2.93 -6.55	53.66 3.21 -7.65	55.76 3.65 -4.07	61.62 4.41 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.07 1.70 0.00
FALCON____SEABRD_CC1 323796	24.23 -0.85 0.00	22.62 -0.87 0.00	21.68 -0.86 0.00	21.37 -0.91 0.00	22.49 -0.91 0.00	-6.73 -1.04 32.34	-6.66 -1.28 35.85	-6.82 -2.08 50.99	-5.32 -2.03 51.74	-5.58 -1.71 48.93	44.96 -1.49 0.00	41.72 -1.20 0.00	37.86 -1.21 0.00	37.27 -1.07 0.00	35.82 -0.99 0.00	36.93 -1.26 0.00	-0.34 -1.29 37.07	-5.35 -1.33 46.83	-4.86 -1.68 51.21	55.27 -1.95 0.00	49.85 -0.97 0.00	40.93 -0.79 0.00	36.70 -0.60 0.00	34.91 -0.46 0.00

FPL FAR_ROCK_GT2 23815	37.35 1.05 -11.21	33.82 0.96 -9.36	33.25 0.88 -9.83	31.67 0.78 -8.60	33.59 0.82 -9.36	33.85 1.09 -6.11	46.96 1.46 -15.04	49.90 3.65 0.01	52.33 3.88 0.01	49.68 4.01 -0.61	51.01 4.55 0.00	47.09 4.16 0.00	43.05 3.99 0.00	42.22 3.87 0.00	40.57 3.76 0.00	42.43 4.24 0.00	48.19 3.73 -6.45	53.93 3.60 -7.53	56.17 4.13 -4.00	62.13 4.92 0.01	54.68 3.86 0.01	45.18 3.46 0.00	39.91 2.61 0.00	37.07 1.70 0.00
FRANKLIN_FALL_HYD 24054	24.08 -1.00 0.00	22.51 -0.99 0.00	21.59 -0.95 0.00	21.26 -1.03 0.00	22.40 -1.01 0.00	48.52 -1.04 -22.91	54.46 -1.40 -25.40	79.29 -1.85 -34.89	82.02 -1.84 -35.41	77.01 -1.53 -33.48	44.92 -1.53 0.00	41.59 -1.33 0.00	37.74 -1.33 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	36.78 -1.41 0.00	62.37 -1.44 -25.80	74.43 -1.37 -33.00	82.40 -1.73 -36.09	55.32 -1.89 0.00	49.91 -0.91 0.00	40.89 -0.83 0.00	36.63 -0.67 0.00	34.84 -0.53 0.00
FREEPORT_EQUS_GT1 23764	37.20 0.90 -11.21	33.68 0.82 -9.36	33.11 0.74 -9.83	31.54 0.65 -8.60	33.45 0.68 -9.36	33.71 0.96 -6.11	46.75 1.25 -15.04	49.53 3.28 0.01	51.94 3.49 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.74 3.67 0.00	41.91 3.57 0.00	40.27 3.46 0.00	42.13 3.93 0.00	47.92 3.46 -6.45	53.63 3.30 -7.53	55.83 3.79 -4.00	61.73 4.52 0.01	54.27 3.46 0.01	44.89 3.17 0.00	39.72 2.42 0.00	36.89 1.52 0.00
FREEPORT___CT2 23818	37.20 0.90 -11.21	33.68 0.82 -9.36	33.11 0.74 -9.83	31.54 0.65 -8.60	33.45 0.68 -9.36	33.71 0.96 -6.11	46.75 1.25 -15.04	49.53 3.28 0.01	51.94 3.49 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.74 3.67 0.00	41.91 3.57 0.00	40.27 3.46 0.00	42.13 3.93 0.00	47.92 3.46 -6.45	53.63 3.30 -7.53	55.83 3.79 -4.00	61.73 4.52 0.01	54.27 3.46 0.01	44.89 3.17 0.00	39.72 2.42 0.00	36.89 1.52 0.00
FRESHKLS_33_KV_LOAD 356253	50.27 1.56 -23.63	49.73 1.48 -24.76	33.86 1.38 -9.94	32.22 1.32 -8.61	34.16 1.38 -9.37	34.45 1.68 -6.13	51.72 2.16 -19.10	62.86 4.35 -12.26	62.52 4.60 -9.46	60.61 4.42 -11.13	53.98 4.55 -2.98	53.98 4.08 -6.97	53.68 3.71 -10.90	53.75 3.68 -11.73	53.50 3.61 -13.08	53.64 3.86 -11.59	53.58 3.73 -11.84	54.62 3.98 -7.83	56.71 4.66 -4.01	76.88 5.66 -14.01	55.45 4.62 0.00	57.50 3.63 -12.15	52.25 3.10 -11.86	50.29 2.51 -12.41
FULTON COGEN____ 23766	25.62 -0.35 -0.89	23.88 -0.35 -0.74	22.98 -0.34 -0.78	22.66 -0.31 -0.68	23.82 -0.33 -0.74	26.75 -0.37 -0.48	31.61 -0.15 -1.30	45.60 -0.65 0.00	47.58 -0.87 0.00	44.25 -0.86 -0.05	45.57 -0.88 0.00	42.11 -0.82 0.00	38.33 -0.74 0.00	37.62 -0.73 0.00	36.12 -0.70 0.00	37.50 -0.69 0.00	37.77 -0.72 -0.48	42.51 -0.86 -0.56	47.52 -0.82 -0.30	56.18 -1.03 0.00	49.91 -0.91 0.00	41.01 -0.71 0.00	36.74 -0.56 0.00	34.95 -0.42 0.00
FULTON___LFGE 323630	42.05 1.81 -15.16	37.80 1.64 -12.67	37.41 1.58 -13.29	35.44 1.52 -11.63	37.68 1.61 -12.66	36.83 1.92 -8.27	53.79 2.38 -20.95	50.27 4.02 0.00	52.57 4.12 0.00	49.17 3.25 -0.86	49.75 3.30 0.00	46.10 3.18 0.00	41.96 2.89 0.00	41.15 2.80 0.00	39.58 2.76 0.00	41.28 3.09 0.00	50.12 3.12 -8.98	56.98 3.68 -10.49	58.27 4.66 -5.58	62.71 5.49 0.00	55.60 4.78 0.00	45.52 3.80 0.00	40.47 3.17 0.00	38.13 2.76 0.00
G.F.CEMENT___DRP 24184	40.60 1.48 -14.03	36.56 1.34 -11.73	36.13 1.28 -12.31	34.28 1.23 -10.77	36.42 1.29 -11.72	35.84 1.55 -7.66	52.55 1.49 -20.59	49.26 3.01 0.00	51.75 3.29 0.00	48.68 2.84 -0.78	49.47 3.02 0.00	45.59 2.66 0.00	41.41 2.34 0.00	40.57 2.22 0.00	39.06 2.25 0.00	40.75 2.56 0.00	48.56 2.36 -8.18	55.19 2.83 -9.56	56.30 3.17 -5.08	60.76 3.55 0.00	53.82 3.00 0.00	44.06 2.34 0.00	39.87 2.57 0.00	37.49 2.12 0.00
GARDENVILLE___LBMP 24039	25.08 -1.81 -1.81	23.31 -1.69 -1.51	22.46 -1.67 -1.58	22.03 -1.65 -1.39	23.14 -1.78 -1.51	25.58 -2.05 -0.99	31.74 -1.37 -2.65	43.57 -2.68 0.00	45.35 -3.10 0.00	41.77 -3.38 -0.09	43.34 -3.11 0.00	40.18 -2.75 0.00	36.65 -2.42 0.00	36.31 -2.03 0.00	34.79 -2.02 0.00	36.09 -2.10 0.00	36.32 -2.70 -1.00	40.50 -3.47 -1.17	45.49 -3.17 -0.62	53.89 -3.32 0.00	48.28 -2.54 0.00	39.72 -2.00 0.00	35.81 -1.49 0.00	34.70 -0.67 0.00
GARDNVLA_35_KV_LD 355827	25.19 -1.73 -1.84	23.43 -1.60 -1.54	22.55 -1.60 -1.61	22.12 -1.58 -1.41	23.23 -1.71 -1.54	25.68 -1.97 -1.00	31.91 -1.25 -2.70	43.80 -2.45 0.00	45.60 -2.86 0.00	42.00 -3.15 -0.10	43.62 -2.83 0.00	40.43 -2.49 0.00	36.92 -2.15 0.00	36.58 -1.76 0.00	35.01 -1.80 0.00	36.36 -1.83 0.00	36.52 -2.51 -1.01	40.74 -3.25 -1.19	45.74 -2.93 -0.63	54.18 -3.03 0.00	48.59 -2.24 0.00	39.97 -1.75 0.00	36.03 -1.27 0.00	34.91 -0.46 0.00
GELCKHM___115KV_LOAD 80723	25.93 -0.18 -1.02	24.18 -0.16 -0.85	23.28 -0.16 -0.89	22.91 -0.16 -0.78	24.09 -0.16 -0.85	27.01 -0.19 -0.56	32.08 0.12 -1.49	46.02 -0.23 0.00	48.07 -0.39 0.00	44.66 -0.45 -0.05	46.08 -0.37 0.00	42.54 -0.39 0.00	38.76 -0.31 0.00	38.04 -0.31 0.00	36.52 -0.29 0.00	37.92 -0.27 0.00	38.27 -0.30 -0.55	43.02 -0.43 -0.65	48.05 -0.34 -0.34	56.70 -0.51 0.00	50.36 -0.46 0.00	41.39 -0.33 0.00	37.07 -0.22 0.00	35.27 -0.11 0.00
GENERAL___MILLS 23808	25.13 -1.78 -1.83	23.35 -1.67 -1.53	22.50 -1.65 -1.60	22.07 -1.63 -1.40	23.16 -1.78 -1.53	25.59 -2.05 -1.00	31.80 -1.34 -2.68	43.66 -2.59 0.00	45.45 -3.00 0.00	41.82 -3.33 -0.10	43.43 -3.02 0.00	40.31 -2.62 0.00	36.76 -2.31 0.00	36.39 -1.96 0.00	34.86 -1.95 0.00	36.21 -1.99 0.00	36.40 -2.62 -1.01	40.60 -3.38 -1.18	45.54 -3.12 -0.63	54.01 -3.20 0.00	48.38 -2.44 0.00	39.80 -1.92 0.00	35.92 -1.38 0.00	34.81 -0.57 0.00
GE_PLASTICS___DRP 24183	39.46 0.83 -13.55	35.59 0.78 -11.32	35.16 0.74 -11.88	33.42 0.74 -10.39	35.49 0.77 -11.31	34.88 0.85 -7.39	51.62 1.28 -19.88	48.52 2.27 0.00	50.83 2.37 0.00	47.97 2.16 -0.75	48.68 2.23 0.00	44.94 2.02 0.00	40.71 1.64 0.00	39.73 1.38 0.00	38.03 1.21 0.00	39.53 1.34 0.00	47.45 1.60 -7.83	53.71 1.75 -9.15	54.93 2.02 -4.87	59.67 2.46 0.00	52.80 1.98 0.00	43.27 1.54 0.00	38.49 1.19 0.00	36.26 0.88 0.00
GILBOA___1 23756	36.45 0.63 -10.74	33.12 0.66 -8.97	32.59 0.63 -9.42	31.22 0.69 -8.24	33.10 0.73 -8.97	33.17 0.67 -5.86	45.88 1.04 -14.38	48.28 2.03 0.00	50.64 2.18 0.00	47.68 2.03 -0.59	48.54 2.09 0.00	44.81 1.89 0.00	40.78 1.72 0.00	39.96 1.61 0.00	38.36 1.55 0.00	39.87 1.68 0.00	45.89 1.71 -6.16	51.89 1.88 -7.20	53.98 2.11 -3.83	59.73 2.51 0.00	52.91 2.08 0.00	43.43 1.71 0.00	38.60 1.30 0.00	36.40 1.03 0.00
GILBOA___2 23757	36.45 0.63 -10.74	33.12 0.66 -8.97	32.59 0.63 -9.42	31.22 0.69 -8.24	33.10 0.73 -8.97	33.17 0.67 -5.86	45.88 1.04 -14.38	48.28 2.03 0.00	50.64 2.18 0.00	47.68 2.03 -0.59	48.54 2.09 0.00	44.81 1.89 0.00	40.78 1.72 0.00	39.96 1.61 0.00	38.36 1.55 0.00	39.87 1.68 0.00	45.89 1.71 -6.16	51.89 1.88 -7.20	53.98 2.11 -3.83	59.73 2.51 0.00	52.91 2.08 0.00	43.43 1.71 0.00	38.60 1.30 0.00	36.40 1.03 0.00

GILBOA___3 23758	36.45 0.63 -10.74	33.12 0.66 -8.97	32.59 0.63 -9.42	31.22 0.69 -8.24	33.10 0.73 -8.97	33.17 0.67 -5.86	45.88 1.04 -14.38	48.28 2.03 0.00	50.64 2.18 0.00	47.68 2.03 -0.59	48.54 2.09 0.00	44.81 1.89 0.00	40.78 1.72 0.00	39.96 1.61 0.00	38.36 1.55 0.00	39.87 1.68 0.00	45.89 1.71 -6.16	51.89 1.88 -7.20	53.98 2.11 -3.83	59.73 2.51 0.00	52.91 2.08 0.00	43.43 1.71 0.00	38.60 1.30 0.00	36.40 1.03 0.00
GILBOA___4 23759	36.45 0.63 -10.74	33.12 0.66 -8.97	32.59 0.63 -9.42	31.22 0.69 -8.24	33.10 0.73 -8.97	33.17 0.67 -5.86	45.88 1.04 -14.38	48.28 2.03 0.00	50.64 2.18 0.00	47.68 2.03 -0.59	48.54 2.09 0.00	44.81 1.89 0.00	40.78 1.72 0.00	39.96 1.61 0.00	38.36 1.55 0.00	39.87 1.68 0.00	45.89 1.71 -6.16	51.89 1.88 -7.20	53.98 2.11 -3.83	59.73 2.51 0.00	52.91 2.08 0.00	43.43 1.71 0.00	38.60 1.30 0.00	36.40 1.03 0.00
GILBOA___ 23599	36.45 0.63 -10.74	33.05 0.59 -8.97	32.59 0.63 -9.42	31.22 0.69 -8.24	33.10 0.73 -8.97	33.17 0.67 -5.86	47.26 1.04 -15.76	48.29 2.04 0.00	50.63 2.18 0.00	47.68 2.03 -0.59	48.49 2.04 0.00	44.81 1.89 0.00	40.75 1.68 0.00	39.96 1.61 0.00	38.36 1.55 0.00	39.87 1.68 0.00	45.89 1.71 -6.16	51.89 1.88 -7.20	53.98 2.11 -3.83	59.73 2.52 0.00	52.91 2.08 0.00	43.43 1.71 0.00	38.60 1.31 0.00	36.40 1.03 0.00
GINNA___ 23603	24.75 -1.66 -1.32	23.00 -1.60 -1.11	22.19 -1.51 -1.16	21.83 -1.47 -1.02	23.01 -1.50 -1.11	25.69 -1.68 -0.72	30.70 -1.46 -1.70	43.38 -2.87 0.00	45.11 -3.34 0.00	42.11 -3.02 -0.07	43.11 -3.34 0.00	39.88 -3.05 0.00	36.37 -2.70 0.00	35.93 -2.41 0.00	34.53 -2.28 0.00	35.67 -2.52 0.00	36.31 -2.43 -0.73	40.70 -2.95 -0.85	45.42 -3.08 -0.45	53.32 -3.89 0.00	47.62 -3.20 0.00	39.01 -2.71 0.00	35.10 -2.20 0.00	33.53 -1.84 0.00
GLEN PARK___ 23778	25.15 -0.53 -0.59	23.56 -0.42 -0.49	22.68 -0.38 -0.52	22.38 -0.36 -0.45	23.43 -0.47 -0.49	28.06 -0.29 -1.71	32.52 -0.21 -2.26	48.79 0.42 -2.12	50.70 0.10 -2.15	46.54 -0.59 -2.06	45.94 -0.51 0.00	42.41 -0.51 0.00	38.64 -0.43 0.00	37.89 -0.46 0.00	36.45 -0.37 0.00	37.77 -0.42 0.00	38.99 -0.84 -1.81	44.53 -0.64 -2.37	50.23 -0.19 -2.38	57.27 0.06 0.00	50.67 -0.15 0.00	41.56 -0.17 0.00	36.92 -0.37 0.00	35.02 -0.35 0.00
GLENDALE_27_KV_LOAD 356172	37.81 1.51 -11.22	34.30 1.43 -9.38	33.69 1.31 -9.84	32.15 1.25 -8.61	34.12 1.33 -9.37	34.39 1.63 -6.12	49.02 2.10 -16.46	51.38 4.67 -0.46	54.98 4.99 -1.54	52.16 4.78 -2.32	51.72 4.78 -0.49	48.42 4.38 -1.12	44.94 4.10 -1.77	46.15 4.03 -3.77	46.18 3.94 -5.42	46.11 4.20 -3.71	48.58 3.92 -6.65	54.67 4.28 -7.59	56.90 4.85 -4.01	64.66 5.95 -1.50	55.60 4.78 0.00	46.96 3.92 -1.32	40.83 3.10 -0.44	37.81 2.44 0.00
GLENWOOD_IC_1_G5 23712	37.45 1.15 -11.21	33.94 1.08 -9.37	33.36 0.99 -9.83	31.81 0.91 -8.60	33.73 0.96 -9.36	33.98 1.23 -6.11	48.56 1.64 -16.45	50.09 3.84 0.00	52.57 4.12 0.00	49.77 4.10 -0.61	50.86 4.41 0.00	47.00 4.08 0.00	42.86 3.79 0.00	42.11 3.76 0.00	40.46 3.64 0.00	42.16 3.97 0.00	48.08 3.61 -6.45	54.06 3.72 -7.53	56.27 4.23 -4.00	62.30 5.09 0.00	54.83 4.01 0.00	45.14 3.42 0.00	39.91 2.61 0.00	37.25 1.87 0.00
GLENWOOD_IC_2_G1 23688	37.45 1.15 -11.22	33.95 1.08 -9.37	33.37 0.99 -9.84	31.81 0.91 -8.61	33.76 0.98 -9.37	34.01 1.25 -6.12	47.15 1.64 -15.04	50.09 3.84 0.00	52.57 4.12 0.00	49.73 4.06 -0.61	50.72 4.27 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.91 3.57 0.00	40.31 3.50 0.00	42.01 3.82 0.00	47.96 3.50 -6.45	53.97 3.64 -7.53	56.18 4.13 -4.01	62.25 5.04 0.00	54.79 3.97 0.00	45.06 3.34 0.00	39.83 2.54 0.00	37.25 1.87 0.00
GLENWOOD_IC_3_G1 23689	37.45 1.15 -11.22	33.95 1.08 -9.37	33.37 0.99 -9.84	31.81 0.91 -8.61	33.76 0.98 -9.37	34.01 1.25 -6.12	47.15 1.64 -15.04	50.09 3.84 0.00	52.57 4.12 0.00	49.73 4.06 -0.61	50.72 4.27 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.91 3.57 0.00	40.31 3.50 0.00	42.01 3.82 0.00	47.96 3.50 -6.45	53.97 3.64 -7.53	56.18 4.13 -4.01	62.25 5.04 0.00	54.79 3.97 0.00	45.06 3.34 0.00	39.83 2.54 0.00	37.25 1.87 0.00
GLENWOOD___4 23550	37.45 1.15 -11.21	33.94 1.08 -9.37	33.36 0.99 -9.83	31.81 0.91 -8.60	33.73 0.96 -9.36	33.98 1.23 -6.11	48.56 1.64 -16.45	50.09 3.84 0.00	52.57 4.12 0.00	49.77 4.10 -0.61	50.86 4.41 0.00	47.00 4.08 0.00	42.86 3.79 0.00	42.11 3.76 0.00	40.46 3.64 0.00	42.16 3.97 0.00	48.08 3.61 -6.45	54.06 3.72 -7.53	56.27 4.23 -4.00	62.30 5.09 0.00	54.83 4.01 0.00	45.14 3.42 0.00	39.91 2.61 0.00	37.25 1.87 0.00
GLENWOOD___5 23614	37.45 1.15 -11.21	33.94 1.08 -9.37	33.36 0.99 -9.83	31.81 0.91 -8.60	33.73 0.96 -9.36	33.98 1.23 -6.11	48.56 1.64 -16.45	50.09 3.84 0.00	52.57 4.12 0.00	49.77 4.10 -0.61	50.86 4.41 0.00	47.00 4.08 0.00	42.86 3.79 0.00	42.11 3.76 0.00	40.46 3.64 0.00	42.16 3.97 0.00	48.08 3.61 -6.45	54.06 3.72 -7.53	56.27 4.23 -4.00	62.30 5.09 0.00	54.83 4.01 0.00	45.14 3.42 0.00	39.91 2.61 0.00	37.25 1.87 0.00
GLOBAL GREEN_PORT_GT1 23814	37.04 0.75 -11.21	33.49 0.63 -9.36	32.91 0.54 -9.83	31.24 0.36 -8.60	33.14 0.37 -9.36	33.50 0.74 -6.11	46.44 0.95 -15.04	49.21 2.96 0.01	51.79 3.34 0.01	49.68 4.01 -0.61	50.68 4.23 0.00	46.66 3.73 0.00	42.59 3.52 0.00	41.72 3.38 0.00	40.09 3.28 0.00	42.05 3.86 0.00	47.73 3.27 -6.45	53.37 3.04 -7.53	55.59 3.55 -4.00	61.33 4.12 0.01	53.76 2.95 0.01	44.52 2.80 0.00	39.20 1.90 0.00	36.58 1.20 0.00
GLOBE___DSASP 323697	24.73 -2.06 -1.70	23.04 -1.88 -1.42	22.16 -1.87 -1.49	21.75 -1.85 -1.31	22.82 -2.01 -1.42	25.18 -2.40 -0.93	31.20 -1.77 -2.50	42.41 -3.84 0.00	44.05 -4.41 0.00	41.00 -4.15 -0.09	42.08 -4.37 0.00	39.06 -3.86 0.00	35.71 -3.36 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	35.10 -3.09 0.00	35.65 -3.31 -0.94	39.58 -4.32 -1.10	44.45 -4.18 -0.59	52.06 -5.15 0.00	46.60 -4.22 0.00	38.34 -3.38 0.00	34.72 -2.57 0.00	33.67 -1.70 0.00
GOETHSLN___LBMP 323567	37.45 1.15 -11.21	33.97 1.10 -9.37	33.37 0.99 -9.83	31.83 0.94 -8.61	33.78 1.01 -9.37	34.04 1.28 -6.12	48.59 1.68 -16.45	50.23 3.98 0.00	52.72 4.26 0.00	49.82 4.15 -0.61	50.54 4.09 0.00	46.70 3.78 0.00	42.62 3.56 0.00	41.84 3.49 0.00	40.24 3.42 0.00	41.82 3.63 0.00	47.85 3.38 -6.45	53.93 3.60 -7.53	56.13 4.08 -4.01	62.25 5.03 0.00	54.79 3.96 0.00	45.02 3.30 0.00	39.83 2.54 0.00	37.32 1.95 0.00
GOLAH___69_KV_TB 1_2 80279	25.70 -0.78 -1.39	23.93 -0.73 -1.16	23.04 -0.72 -1.22	22.67 -0.69 -1.07	23.84 -0.73 -1.16	26.55 -0.85 -0.76	32.29 -0.21 -2.04	45.05 -1.20 0.00	46.71 -1.74 0.00	43.46 -1.67 -0.07	44.55 -1.90 0.00	41.08 -1.85 0.00	37.51 -1.56 0.00	37.04 -1.30 0.00	35.53 -1.29 0.00	36.85 -1.34 0.00	37.41 -1.37 -0.77	41.86 -1.84 -0.89	46.98 -1.54 -0.48	55.27 -1.95 0.00	49.40 -1.42 0.00	40.55 -1.17 0.00	36.51 -0.78 0.00	35.09 -0.28 0.00

GOODYEAR_LAKE_HYD 323669	29.29 0.78 -3.43	27.11 0.75 -2.87	26.30 0.74 -3.01	25.68 0.76 -2.63	27.09 0.82 -2.87	29.42 0.91 -1.87	36.81 1.31 -5.04	48.70 2.45 0.00	51.26 2.81 0.00	47.58 2.34 -0.18	48.96 2.51 0.00	45.29 2.36 0.00	41.29 2.23 0.00	40.53 2.19 0.00	38.99 2.17 0.00	40.52 2.33 0.00	41.76 1.98 -1.77	47.09 2.23 -2.06	51.83 2.69 -1.10	60.47 3.26 0.00	53.52 2.69 0.00	43.89 2.17 0.00	39.01 1.72 0.00	36.89 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.36 -0.28 -3.56	26.21 -0.26 -2.97	25.41 -0.25 -3.12	24.79 -0.22 -2.73	26.14 -0.23 -2.97	28.29 -0.29 -1.94	35.80 0.12 -5.22	46.48 0.23 0.00	48.45 0.00 0.00	44.89 -0.36 -0.19	46.31 -0.14 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.74 -0.07 0.00	38.19 0.00 0.00	39.84 -0.19 -2.01	44.89 -0.26 -2.35	49.24 -0.05 -1.25	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.37 0.07 0.00	35.62 0.25 0.00
GOUDEY___7 23579	28.36 -0.28 -3.56	26.21 -0.26 -2.97	25.41 -0.25 -3.12	24.79 -0.22 -2.73	26.14 -0.23 -2.97	28.29 -0.29 -1.94	35.80 0.12 -5.22	46.48 0.23 0.00	48.45 0.00 0.00	44.89 -0.36 -0.19	46.31 -0.14 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.74 -0.07 0.00	38.19 0.00 0.00	39.84 -0.19 -2.01	44.89 -0.26 -2.35	49.24 -0.05 -1.25	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.37 0.07 0.00	35.62 0.25 0.00
GOUDEY___8 23580	28.36 -0.28 -3.56	26.21 -0.26 -2.97	25.41 -0.25 -3.12	24.79 -0.22 -2.73	26.14 -0.23 -2.97	28.29 -0.29 -1.94	35.80 0.12 -5.22	46.48 0.23 0.00	48.45 0.00 0.00	44.89 -0.36 -0.19	46.31 -0.14 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.74 -0.07 0.00	38.19 0.00 0.00	39.84 -0.19 -2.01	44.89 -0.26 -2.35	49.24 -0.05 -1.25	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.37 0.07 0.00	35.62 0.25 0.00
GOWANUS_GT1_1 24077	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_2 24078	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_3 24079	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_4 24080	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_5 24084	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_6 24111	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_7 24112	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT1_8 24113	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_1 24114	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_2 24115	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_3 24116	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41

GOWANUS_GT2_4 24117	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_5 24118	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_6 24119	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_7 24120	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT2_8 24121	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT3_1 24122	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT3_2 24123	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	

GOWANUS_GT4_3 24132	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT4_4 24133	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT4_5 24134	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT4_6 24135	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT4_7 24136	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GOWANUS_GT4_8 24137	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GREENBSH_115KV_TB3 55895	39.66 0.98 -13.60	35.75 0.89 -11.36	35.32 0.86 -11.93	33.57 0.85 -10.44	35.63 0.87 -11.36	35.05 0.99 -7.42	51.82 1.40 -19.96	48.66 2.41 0.00	50.97 2.52 0.00	48.11 2.30 -0.76	48.87 2.42 0.00	45.11 2.19 0.00	40.75 1.68 0.00	39.65 1.30 0.00	37.85 1.03 0.00	39.34 1.15 0.00	47.42 1.52 -7.89	53.69 1.67 -9.21	54.86 1.92 -4.90	59.50 2.29 0.00	52.60 1.78 0.00	43.14 1.42 0.00	38.38 1.08 0.00	36.08 0.71 0.00
GREENIDGE_115KV_TB5 80291	26.68 -0.60 -2.20	24.74 -0.59 -1.84	23.91 -0.56 -1.93	23.44 -0.53 -1.69	24.70 -0.54 -1.84	27.23 -0.61 -1.20	33.69 0.00 -3.23	46.02 -0.23 0.00	47.78 -0.68 0.00	44.05 -1.13 -0.12	45.47 -0.98 0.00	42.07 -0.86 0.00	38.29 -0.78 0.00	37.66 -0.69 0.00	36.12 -0.70 0.00	37.50 -0.69 0.00	38.37 -0.87 -1.23	43.26 -0.98 -1.44	48.23 -0.58 -0.76	56.30 -0.92 0.00	50.52 -0.30 0.00	41.26 -0.46 0.00	36.96 -0.34 0.00	35.34 -0.04 0.00
GREENIDGE___3 23582	26.68 -0.60 -2.20	24.74 -0.59 -1.84	23.91 -0.56 -1.93	23.44 -0.53 -1.69	24.70 -0.54 -1.84	27.23 -0.61 -1.20	33.69 0.00 -3.23	46.02 -0.23 0.00	47.78 -0.68 0.00	44.05 -1.13 -0.12	45.47 -0.98 0.00	42.07 -0.86 0.00	38.29 -0.78 0.00	37.66 -0.69 0.00	36.12 -0.70 0.00	37.50 -0.69 0.00	38.37 -0.87 -1.23	43.26 -0.98 -1.44	48.23 -0.58 -0.76	56.30 -0.92 0.00	50.52 -0.30 0.00	41.26 -0.46 0.00	36.96 -0.34 0.00	35.34 -0.04 0.00
GREENIDGE___4 23583	26.68 -0.60 -2.20	24.72 -0.61 -1.84	23.91 -0.56 -1.93	23.44 -0.54 -1.69	24.71 -0.54 -1.84	27.26 -0.59 -1.20	33.33 0.00 -2.87	46.02 -0.23 0.00	47.78 -0.68 0.00	44.05 -1.12 -0.12	45.43 -1.02 0.00	42.07 -0.86 0.00	38.25 -0.82 0.00	37.66 -0.69 0.00	36.11 -0.70 0.00	37.46 -0.73 0.00	38.34 -0.91 -1.23	43.26 -0.98 -1.44	48.23 -0.57 -0.76	56.29 -0.92 0.00	50.52 -0.30 0.00	41.26 -0.46 0.00	36.96 -0.34 0.00	35.34 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	37.20 0.90 -11.21	33.70 0.85 -9.36	33.11 0.74 -9.83	31.54 0.65 -8.60	33.47 0.70 -9.36	33.71 0.96 -6.11	48.22 1.31 -16.45	49.67 1.31 0.01	52.03 3.42 0.01	49.55 3.88 -0.61	50.77 4.32 0.00	46.96 4.03 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.32 4.12 0.00	48.08 3.61 -6.45	53.80 3.47 -7.53	55.98 3.94 -4.00	61.84 4.63 0.01	54.42 3.61 0.01	45.02 3.30 0.00	39.83 2.54 0.00	36.93 1.56 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
GRISSOM___SOLAR 323813	41.79 1.68 -15.02	37.59 1.55 -12.55	37.20 1.49 -13.17	35.24 1.43 -11.53	37.47 1.52 -12.55	36.65 1.81 -8.19	53.45 2.25 -20.74	50.09 3.84 0.00	52.38 3.92 0.00	49.02 3.11 -0.85	49.65 3.20 0.00	45.97 3.05 0.00	41.84 2.77 0.00	41.03 2.68 0.00	39.43 2.61 0.00	41.13 2.94 0.00	49.88 2.97 -8.89	56.70 3.51 -10.39	57.98 4.42 -5.52	62.36 5.15 0.00	55.34 4.52 0.00	45.31 3.59 0.00	40.28 2.98 0.00	37.95 2.58 0.00
GROVEVILLE___HYD 323602	37.45 1.18 -11.19	34.01 1.17 -9.35	33.43 1.08 -9.81	31.88 1.00 -8.58	33.83 1.08 -9.34	34.02 1.28 -6.10	48.61 1.74 -16.41	50.04 3.79 0.00	52.57 4.12 0.00	49.59 3.92 -0.61	50.49 4.04 0.00	46.62 3.69 0.00	42.43 3.36 0.00	41.65 3.30 0.00	40.02 3.20 0.00	41.63 3.44 0.00	47.67 3.23 -6.42	53.90 3.60 -7.50	56.16 4.13 -3.99	62.25 5.03 0.00	54.79 3.96 0.00	44.89 3.17 0.00	39.80 2.50 0.00	37.39 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.19 -0.03 -1.14	24.40 -0.05 -0.95	23.49 -0.05 -1.00	23.14 -0.02 -0.87	24.33 -0.02 -0.95	27.24 -0.03 -0.62	32.43 0.30 -1.67	46.34 0.09 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.36 -0.09 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.27 -0.08 0.00	36.74 -0.07 0.00	38.15 -0.04 0.00	38.52 -0.11 -0.62	43.36 -0.17 -0.73	48.38 -0.05 -0.39	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.30 0.00 0.00	35.48 0.11 0.00

HAMLTNNY_34_KV_TB 80303	26.24 -0.05 -1.21	24.43 -0.07 -1.01	23.53 -0.07 -1.06	23.17 -0.04 -0.92	24.37 -0.05 -1.01	27.25 -0.05 -0.66	32.54 0.30 -1.77	46.39 0.14 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.31 -0.14 0.00	42.80 -0.13 0.00	38.95 -0.12 0.00	38.27 -0.08 0.00	36.70 -0.11 0.00	38.15 -0.04 0.00	38.56 -0.11 -0.66	43.41 -0.17 -0.77	48.45 0.00 -0.41	57.16 -0.06 0.00	50.77 -0.05 0.00	41.68 -0.04 0.00	37.33 0.04 0.00	35.51 0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	24.18 -1.20 -0.30	22.67 -1.08 -0.25	21.77 -1.04 -0.26	21.50 -1.02 -0.23	22.54 -1.12 -0.25	29.26 -1.17 -3.79	33.47 -1.37 -4.38	50.07 -1.71 -5.53	52.23 -1.84 -5.61	48.49 -1.89 -5.32	44.54 -1.91 0.00	41.12 -1.80 0.00	37.46 -1.60 0.00	36.77 -1.57 0.00	35.34 -1.47 0.00	36.51 -1.68 0.00	40.34 -1.75 -4.07	46.54 -1.67 -5.41	52.13 -1.73 -5.82	55.27 -1.95 0.00	49.30 -1.52 0.00	40.38 -1.34 0.00	36.03 -1.27 0.00	34.17 -1.20 0.00
HARDSCRABBLE_WT_PWR 323673	24.26 -0.83 0.00	22.74 -0.75 0.00	21.82 -0.72 0.00	21.60 -0.69 0.00	22.71 -0.70 0.00	25.93 -0.72 0.00	29.70 -0.76 0.00	45.28 -0.97 0.00	47.43 -1.02 0.00	43.98 -1.08 0.00	45.38 -1.07 0.00	41.85 -1.07 0.00	38.09 -0.98 0.00	37.35 -1.00 0.00	35.86 -0.96 0.00	37.20 -0.99 0.00	37.10 -0.91 0.00	41.74 -1.07 0.00	46.79 -1.25 0.00	55.67 -1.54 0.00	49.19 -1.63 0.00	40.35 -1.38 0.00	35.99 -1.31 0.00	34.06 -1.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.48 0.98 -10.42	33.16 0.96 -8.71	32.56 0.88 -9.14	31.11 0.82 -8.00	33.00 0.89 -8.70	33.42 1.09 -5.69	47.25 1.49 -15.29	49.54 3.28 0.00	52.04 3.59 0.00	49.10 3.47 -0.57	49.98 3.53 0.00	46.14 3.22 0.00	42.04 2.97 0.00	41.26 2.91 0.00	39.65 2.83 0.00	41.25 3.06 0.00	46.86 2.85 -5.99	52.93 3.12 -7.00	55.36 3.60 -3.72	61.56 4.35 0.00	54.28 3.46 0.00	44.48 2.75 0.00	39.42 2.13 0.00	37.03 1.66 0.00
HARSNRAD_115KV_TB1 81005	24.92 -1.86 -1.69	23.19 -1.72 -1.41	22.31 -1.71 -1.48	21.89 -1.69 -1.30	22.99 -1.83 -1.41	25.41 -2.16 -0.92	31.45 -1.49 -2.48	42.97 -3.28 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.59 -3.86 0.00	39.49 -3.43 0.00	36.10 -2.97 0.00	35.70 -2.65 0.00	34.20 -2.61 0.00	35.48 -2.71 0.00	35.95 -3.00 -0.94	40.05 -3.85 -1.09	44.97 -3.65 -0.58	52.86 -4.35 0.00	47.42 -3.41 0.00	38.93 -2.80 0.00	35.21 -2.09 0.00	34.13 -1.24 0.00
HARZA MOOSE___RIVER 24016	25.27 -0.20 -0.39	23.68 -0.14 -0.33	22.75 -0.14 -0.34	22.48 -0.11 -0.30	23.64 -0.09 -0.33	27.84 -0.05 -1.25	32.19 0.00 -1.73	48.16 0.32 -1.59	50.26 0.19 -1.61	46.42 -0.18 -1.54	46.36 -0.09 0.00	42.84 -0.09 0.00	39.03 -0.04 0.00	38.27 -0.08 0.00	36.78 -0.04 0.00	38.15 -0.04 0.00	39.22 -0.11 -1.32	44.53 0.00 -1.73	50.09 0.29 -1.76	57.61 0.40 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.26 -0.04 0.00	35.30 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.96 -0.15 -1.03	24.19 -0.16 -0.86	23.29 -0.16 -0.90	22.95 -0.13 -0.79	24.13 -0.14 -0.86	27.02 -0.19 -0.56	32.10 0.12 -1.51	46.07 -0.19 0.00	48.12 -0.34 0.00	44.71 -0.41 -0.05	46.13 -0.33 0.00	42.58 -0.34 0.00	38.79 -0.27 0.00	38.08 -0.27 0.00	36.56 -0.26 0.00	37.96 -0.23 0.00	38.27 -0.30 -0.56	43.07 -0.39 -0.66	48.10 -0.29 -0.35	56.75 -0.46 0.00	50.42 -0.41 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
HELLGATE_13_KV_LD 55870	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	46.02 3.79 -5.42	45.95 4.05 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.74 1.43 -11.22	34.23 1.36 -9.38	33.65 1.26 -9.84	32.08 1.18 -8.61	34.05 1.26 -9.37	34.31 1.55 -6.12	48.90 1.98 -16.46	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.49 4.55 -0.49	48.25 4.21 -1.12	44.78 3.95 -1.77	45.99 3.87 -3.77	46.02 3.79 -5.42	45.95 4.05 -3.71	48.43 3.76 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.66 -1.49	55.34 4.52 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
HEMPSTEAD____ 23647	37.17 0.88 -11.21	33.66 0.80 -9.37	33.11 0.74 -9.83	31.54 0.65 -8.60	33.47 0.70 -9.36	33.69 0.93 -6.11	46.75 1.25 -15.04	49.53 3.28 0.01	51.94 3.49 0.01	49.32 3.65 -0.61	50.54 4.09 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.01 3.82 0.00	47.81 3.35 -6.45	53.58 3.25 -7.53	55.79 3.75 -4.00	61.67 4.47 0.01	54.22 3.41 0.01	44.81 3.09 0.00	39.61 2.31 0.00	36.86 1.49 0.00
HEWLETT_69_KV_BK3 55828	37.22 0.93 -11.21	33.73 0.87 -9.36	33.16 0.79 -9.83	31.58 0.69 -8.60	33.52 0.75 -9.36	33.74 0.99 -6.11	48.25 1.34 -16.45	49.67 3.42 0.01	52.13 3.68 0.01	49.50 3.83 -0.61	50.68 4.23 0.00	46.87 3.95 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.42 3.61 0.00	42.24 4.05 0.00	48.00 3.54 -6.45	53.76 3.42 -7.53	55.93 3.89 -4.00	61.84 4.63 0.01	54.42 3.61 0.01	45.02 3.30 0.00	39.80 2.50 0.00	36.93 1.56 0.00
HICKLING___1 23621	26.93 -0.95 -2.80	24.94 -0.89 -2.34	24.12 -0.88 -2.46	23.59 -0.85 -2.15	24.86 -0.89 -2.34	27.16 -1.01 -1.53	34.12 -0.46 -4.11	45.56 -0.69 0.00	47.34 -1.11 0.00	43.50 -1.71 -0.15	45.15 -1.30 0.00	41.81 -1.12 0.00	38.09 -0.98 0.00	37.47 -0.88 0.00	35.89 -0.92 0.00	37.27 -0.92 0.00	38.23 -1.37 -1.58	43.07 -1.58 -1.25	47.77 -1.25 -0.97	56.24 -0.97 0.00	50.11 -0.71 0.00	41.01 -0.71 0.00	36.70 -0.60 0.00	35.20 -0.18 0.00
HICKLING___2 23622	26.93 -0.95 -2.80	24.94 -0.89 -2.34	24.12 -0.88 -2.46	23.59 -0.85 -2.15	24.86 -0.89 -2.34	27.16 -1.01 -1.53	34.12 -0.46 -4.11	45.56 -0.69 0.00	47.34 -1.11 0.00	43.50 -1.71 -0.15	45.15 -1.30 0.00	41.81 -1.12 0.00	38.09 -0.98 0.00	37.47 -0.88 0.00	35.89 -0.92 0.00	37.27 -0.92 0.00	38.23 -1.37 -1.58	43.07 -1.58 -1.25	47.77 -1.25 -0.97	56.24 -0.97 0.00	50.11 -0.71 0.00	41.01 -0.71 0.00	36.70 -0.60 0.00	35.20 -0.18 0.00
HIGH FALLS___HY 23754	37.19 0.98 -11.13	33.78 0.99 -9.30	33.23 0.92 -9.76	31.68 0.85 -8.54	33.62 0.91 -9.30	33.81 1.09 -6.07	48.35 1.55 -16.33	49.58 3.33 0.00	52.04 3.59 0.00	49.14 3.47 -0.61	49.93 3.48 0.00	46.01 3.09 0.00	41.96 2.89 0.00	41.22 2.88 0.00	39.65 2.83 0.00	41.28 3.09 0.00	47.42 3.00 -6.40	53.67 3.38 -7.48	55.96 3.94 -3.98	61.96 4.75 0.00	54.58 3.76 0.00	44.68 2.96 0.00	39.57 2.28 0.00	37.21 1.84 0.00
HIGH_RIVER___SOLAR 323847	40.74 1.13 -14.53	36.69 1.06 -12.14	36.30 1.02 -12.74	34.42 0.98 -11.15	36.57 1.03 -12.13	35.77 1.20 -7.92	52.00 1.55 -19.98	48.89 2.64 0.00	51.17 2.71 0.00	48.00 2.12 -0.82	48.54 2.09 0.00	44.94 2.02 0.00	40.94 1.88 0.00	40.15 1.80 0.00	38.62 1.80 0.00	40.25 2.06 0.00	48.71 2.13 -8.57	55.38 2.57 -10.01	56.53 3.17 -5.32	60.99 3.78 0.00	54.03 3.20 0.00	44.27 2.55 0.00	39.46 2.16 0.00	37.17 1.80 0.00

HILLBURN___GT 23639	36.67 1.03 -10.56	33.28 0.96 -8.82	32.71 0.90 -9.26	31.24 0.85 -8.10	33.12 0.89 -8.82	33.52 1.12 -5.76	46.14 1.52 -14.16	49.67 3.42 0.00	52.19 3.73 0.00	49.20 3.56 -0.58	50.12 3.67 0.00	46.23 3.31 0.00	42.15 3.09 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.40 3.21 0.00	47.05 2.97 -6.07	53.11 3.21 -7.09	55.46 3.65 -3.77	61.68 4.47 0.00	54.33 3.50 0.00	44.56 2.84 0.00	39.46 2.16 0.00	37.07 1.70 0.00
HILLSIDE_115KV_TB1 80332	26.88 -1.10 -2.90	24.88 -1.03 -2.42	24.07 -1.01 -2.54	23.53 -0.98 -2.22	24.80 -1.03 -2.42	27.05 -1.17 -1.58	33.98 -0.73 -4.25	45.14 -1.11 0.00	47.00 -1.45 0.00	43.19 -2.03 -0.15	44.82 -1.63 0.00	41.51 -1.42 0.00	37.82 -1.25 0.00	37.20 -1.15 0.00	35.67 -1.14 0.00	37.05 -1.15 0.00	38.05 -1.60 -1.63	42.83 -1.88 -1.91	47.37 -1.68 -1.01	55.78 -1.43 0.00	49.70 -1.12 0.00	40.68 -1.04 0.00	36.40 -0.90 0.00	34.91 -0.46 0.00
HISHELDN_WT_PWR 323625	24.93 -2.23 -2.08	23.09 -2.14 -1.74	22.31 -2.05 -1.82	21.88 -2.01 -1.60	23.11 -2.04 -1.74	25.35 -2.42 -1.13	31.20 -1.98 -2.71	42.64 -3.61 0.00	44.14 -4.31 0.00	40.76 -4.41 -0.11	42.13 -4.32 0.00	39.23 -3.69 0.00	35.67 -3.40 0.00	35.20 -3.14 0.00	33.65 -3.17 0.00	34.72 -3.48 0.00	35.53 -3.65 -1.16	39.97 -4.19 -1.36	44.82 -3.94 -0.72	52.92 -4.29 0.00	47.42 -3.40 0.00	38.88 -2.84 0.00	35.02 -2.28 0.00	33.78 -1.59 0.00
HOLTSVILLE_IC_1 23690	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
HOLTSVILLE_IC_10 23699	37.15 0.85 -11.21	33.61 0.75 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.39 3.15 0.01	51.79 3.34 0.01	49.59 3.92 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.80 3.47 -7.53	56.02 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.06 3.34 0.00	39.76 2.46 0.00	36.86 1.49 0.00
HOLTSVILLE_IC_2 23691	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
HOLTSVILLE_IC_3 23692	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
HOLTSVILLE_IC_4 23693	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
HOLTSVILLE_IC_5 23694	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
HOLTSVILLE_IC_6 23695	37.15 0.85 -11.21	33.61 0.75 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.39 3.15 0.01	51.79 3.34 0.01	49.59 3.92 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.80 3.47 -7.53	56.02 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.06 3.34 0.00	39.76 2.46 0.00	36.86 1.49 0.00
HOLTSVILLE_IC_7 23696	37.15 0.85 -11.21	33.61 0.75 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.39 3.15 0.01	51.79 3.34 0.01	49.59 3.92 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.80 3.47 -7.53	56.02 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.06 3.34 0.00	39.76 2.46 0.00	36.86 1.49 0.00
HOLTSVILLE_IC_8 23697	37.15 0.85 -11.21	33.61 0.75 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.39 3.15 0.01	51.79 3.34 0.01	49.59 3.92 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.80 3.47 -7.53	56.02 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.06 3.34 0.00	39.76 2.46 0.00	36.86 1.49 0.00
HOLTSVILLE_IC_9 23698	37.15 0.85 -11.21	33.61 0.75 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.39 3.15 0.01	51.79 3.34 0.01	49.59 3.92 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.80 3.47 -7.53	56.02 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.06 3.34 0.00	39.76 2.46 0.00	36.86 1.49 0.00
HOMER_HL_115KV_TB2 355744	24.85 -2.36 -2.12	23.06 -2.21 -1.77	22.24 -2.16 -1.86	21.78 -2.14 -1.63	22.93 -2.25 -1.77	25.27 -2.53 -1.16	31.56 -2.01 -3.11	43.89 -2.36 0.00	45.74 -2.71 0.00	40.67 -4.51 -0.11	43.43 -3.02 0.00	40.31 -2.62 0.00	36.68 -2.38 0.00	36.31 -2.03 0.00	34.75 -2.06 0.00	36.05 -2.14 0.00	35.45 -3.76 -1.19	39.83 -4.37 -1.40	44.55 -4.23 -0.74	54.52 -2.69 0.00	48.79 -2.03 0.00	40.05 -1.67 0.00	35.84 -1.45 0.00	34.70 -0.67 0.00
HOWARD_WT_PWR 323690	25.30 -2.13 -2.35	23.37 -2.09 -1.96	22.64 -1.96 -2.06	22.18 -1.92 -1.80	23.41 -1.97 -1.96	25.69 -2.24 -1.28	31.77 -1.77 -3.08	43.89 -2.36 0.00	45.45 -3.00 0.00	41.35 -3.83 -0.12	42.83 -3.62 0.00	40.09 -2.83 0.00	36.53 -2.54 0.00	36.12 -2.23 0.00	34.61 -2.21 0.00	35.63 -2.56 0.00	36.37 -2.97 -1.32	41.05 -3.30 -1.54	45.88 -2.98 -0.82	54.01 -3.20 0.00	48.18 -2.64 0.00	39.22 -2.50 0.00	35.21 -2.09 0.00	33.82 -1.56 0.00

HQ_GEN_CEDARS 23644	24.48 -0.60 0.00	22.95 -0.54 0.00	22.02 -0.52 0.00	21.73 -0.56 0.00	22.85 -0.56 0.00	27.86 -0.56 -1.77	31.57 -0.85 -1.96	47.76 -1.16 -2.66	50.14 -1.02 -2.70	46.80 -0.81 -2.55	45.61 -0.84 0.00	42.15 -0.77 0.00	38.36 -0.70 0.00	37.73 -0.61 0.00	36.23 -0.59 0.00	37.27 -0.92 0.00	38.70 -0.91 -1.59	44.68 -0.64 -2.52	49.93 -0.86 -2.75	56.24 -0.97 0.00	50.52 -0.30 0.00	41.39 -0.33 0.00	37.07 -0.22 0.00	35.27 -0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	65.82 -0.60 -41.34	65.82 -0.54 -42.87	65.82 -0.52 -43.80	65.82 -0.56 -44.09	65.82 -0.58 -43.00	65.82 -0.64 -39.82	65.82 -0.85 -36.21	65.82 -1.15 -20.72	65.82 -1.07 -18.43	65.82 -0.81 -21.57	65.82 -0.83 -20.20	65.82 -0.77 -23.67	65.82 -0.70 -27.45	65.82 -0.62 -28.09	65.82 -0.59 -29.60	65.82 -0.92 -28.55	65.82 -0.91 -28.72	44.68 -0.64 -2.52	49.93 -0.86 -2.75	56.24 -0.97 0.00	50.52 -0.30 0.00	41.39 -0.34 0.00	37.07 -0.22 0.00	35.27 -0.11 0.00
HQ_GEN_IMPORT 323601	24.78 -0.30 0.00	23.19 -0.31 0.00	22.25 -0.29 0.00	22.00 -0.29 0.00	23.08 -0.33 0.00	26.30 -0.35 0.00	30.01 -0.46 0.00	45.60 -0.65 0.00	47.92 -0.53 0.00	44.65 -0.41 0.00	45.99 -0.46 0.00	42.54 -0.39 0.00	38.68 -0.39 0.00	38.00 -0.35 0.00	36.48 -0.33 0.00	37.77 -0.42 0.00	37.60 -0.42 0.00	42.42 -0.39 0.00	47.41 -0.63 0.00	56.53 -0.68 0.00	50.36 -0.46 0.00	41.35 -0.38 0.00	37.00 -0.30 0.00	35.13 -0.25 0.00
HQ_GEN_WHEEL 23651	24.78 -0.30 0.00	23.19 -0.31 0.00	22.25 -0.29 0.00	22.00 -0.29 0.00	23.08 -0.33 0.00	26.30 -0.35 0.00	30.01 -0.46 0.00	45.60 -0.65 0.00	47.92 -0.53 0.00	44.65 -0.41 0.00	45.99 -0.46 0.00	42.54 -0.39 0.00	38.68 -0.39 0.00	38.00 -0.35 0.00	36.48 -0.33 0.00	37.77 -0.42 0.00	37.60 -0.42 0.00	42.42 -0.39 0.00	47.41 -0.63 0.00	56.53 -0.68 0.00	50.36 -0.46 0.00	41.35 -0.38 0.00	37.00 -0.30 0.00	35.13 -0.25 0.00
HUDSON_AVE_GT_3 23810	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.61	33.90 1.12 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.45	50.51 4.26 0.00	53.01 4.55 0.00	50.09 4.42 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.42 3.61 0.00	42.05 3.86 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.47 4.42 -4.01	62.65 5.44 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.06 2.76 0.00	37.49 2.12 0.00
HUDSON_AVE_GT_4 23540	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.61	33.90 1.12 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.45	50.51 4.26 0.00	53.01 4.55 0.00	50.09 4.42 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.42 3.61 0.00	42.05 3.86 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.47 4.42 -4.01	62.65 5.44 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.06 2.76 0.00	37.49 2.12 0.00
HUDSON_AVE_GT_5 23657	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.61	33.90 1.12 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.45	50.51 4.26 0.00	53.01 4.55 0.00	50.09 4.42 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.42 3.61 0.00	42.05 3.86 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.47 4.42 -4.01	62.65 5.44 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.06 2.76 0.00	37.49 2.12 0.00
HUDSON_AVE_10 24168	37.50 1.20 -11.21	33.99 1.13 -9.37	33.41 1.04 -9.83	31.85 0.96 -8.61	33.80 1.03 -9.37	34.07 1.31 -6.12	48.68 1.77 -16.45	50.41 4.16 0.00	52.91 4.46 0.00	49.95 4.28 -0.61	50.63 4.18 0.00	46.79 3.86 0.00	42.66 3.59 0.00	41.88 3.53 0.00	40.28 3.46 0.00	41.90 3.70 0.00	47.92 3.46 -6.45	54.06 3.72 -7.53	56.32 4.28 -4.01	62.48 5.26 0.00	54.94 4.12 0.00	45.10 3.38 0.00	39.95 2.65 0.00	37.39 2.02 0.00
HUDSON___115KV_TB 4 355613	39.47 1.08 -13.31	35.62 1.01 -11.12	35.18 0.97 -11.67	33.42 0.91 -10.21	35.48 0.96 -11.12	35.02 1.12 -7.26	51.61 1.61 -19.53	49.30 3.05 0.00	51.60 3.15 0.00	48.28 2.48 -0.74	49.28 2.83 0.00	45.41 2.49 0.00	41.02 1.95 0.00	39.96 1.61 0.00	38.21 1.40 0.00	39.76 1.57 0.00	47.43 1.71 -7.70	53.82 2.01 -9.00	55.28 2.45 -4.79	60.53 3.32 0.00	53.52 2.69 0.00	43.81 2.09 0.00	38.98 1.68 0.00	36.68 1.31 0.00
HUNTER MOUNT___DRP 323613	39.06 0.98 -13.00	35.29 0.94 -10.86	34.82 0.88 -11.40	33.09 0.82 -9.97	35.13 0.87 -10.85	34.75 1.01 -7.09	51.06 1.52 -19.07	49.44 3.19 0.00	51.75 3.29 0.00	48.08 2.30 -0.72	49.38 2.93 0.00	45.50 2.58 0.00	41.10 2.03 0.00	40.00 1.65 0.00	38.25 1.44 0.00	39.80 1.60 0.00	47.01 1.48 -7.51	53.38 1.80 -8.78	54.97 2.26 -4.67	60.70 3.49 0.00	53.62 2.80 0.00	43.89 2.17 0.00	39.05 1.75 0.00	36.79 1.41 0.00
HUNTINGTON_RES_REC 323705	37.17 0.88 -11.21	33.66 0.80 -9.36	33.07 0.70 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.69 0.93 -6.11	46.75 1.25 -15.04	49.58 3.33 0.01	51.94 3.49 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.11 3.76 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.19 3.73 -6.45	53.84 3.51 -7.53	56.08 4.04 -4.00	61.90 4.69 0.01	54.42 3.61 0.01	45.06 3.34 0.00	39.80 2.50 0.00	36.89 1.52 0.00
HUNTLEY___63 23557	25.09 -1.73 -1.73	23.35 -1.60 -1.45	22.48 -1.58 -1.52	22.06 -1.56 -1.33	23.15 -1.71 -1.45	25.59 -2.00 -0.95	31.73 -1.28 -2.55	43.38 -2.87 0.00	45.11 -3.34 0.00	41.82 -3.33 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.16 -2.19 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	36.32 -2.66 -0.96	40.41 -3.51 -1.12	45.42 -3.22 -0.60	53.44 -3.78 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.52 -0.85 0.00
HUNTLEY___64 23558	25.09 -1.73 -1.73	23.35 -1.60 -1.45	22.48 -1.58 -1.52	22.06 -1.56 -1.33	23.15 -1.71 -1.45	25.59 -2.00 -0.95	31.73 -1.28 -2.55	43.38 -2.87 0.00	45.11 -3.34 0.00	41.82 -3.33 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.16 -2.19 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	36.32 -2.66 -0.96	40.41 -3.51 -1.12	45.42 -3.22 -0.60	53.44 -3.78 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.52 -0.85 0.00
HUNTLEY___65 23559	25.09 -1.73 -1.73	23.35 -1.60 -1.45	22.48 -1.58 -1.52	22.06 -1.56 -1.33	23.15 -1.71 -1.45	25.59 -2.00 -0.95	31.73 -1.28 -2.55	43.38 -2.87 0.00	45.11 -3.34 0.00	41.82 -3.33 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.16 -2.19 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	36.32 -2.66 -0.96	40.41 -3.51 -1.12	45.42 -3.22 -0.60	53.44 -3.78 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.52 -0.85 0.00
HUNTLEY___66 23560	25.09 -1.73 -1.73	23.35 -1.60 -1.45	22.48 -1.58 -1.52	22.06 -1.56 -1.33	23.15 -1.71 -1.45	25.59 -2.00 -0.95	31.73 -1.28 -2.55	43.38 -2.87 0.00	45.11 -3.34 0.00	41.82 -3.33 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.16 -2.19 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	36.32 -2.66 -0.96	40.41 -3.51 -1.12	45.42 -3.22 -0.60	53.44 -3.78 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.52 -0.85 0.00

HUNTLEY___67 23561	25.03 -1.81 -1.76	23.29 -1.67 -1.47	22.41 -1.67 -1.54	21.99 -1.65 -1.35	23.09 -1.78 -1.47	25.50 -2.10 -0.96	31.64 -1.40 -2.58	43.25 -3.01 0.00	44.97 -3.49 0.00	41.64 -3.51 -0.09	42.97 -3.48 0.00	39.83 -3.09 0.00	36.41 -2.66 0.00	36.01 -2.34 0.00	34.50 -2.32 0.00	35.82 -2.37 0.00	36.18 -2.81 -0.97	40.30 -3.64 -1.13	45.23 -3.41 -0.60	53.26 -3.95 0.00	47.77 -3.05 0.00	39.26 -2.46 0.00	35.47 -1.83 0.00	34.38 -0.99 0.00
HUNTLEY___68 23562	25.03 -1.81 -1.76	23.29 -1.67 -1.47	22.41 -1.67 -1.54	21.99 -1.65 -1.35	23.09 -1.78 -1.47	25.50 -2.10 -0.96	31.64 -1.40 -2.58	43.25 -3.01 0.00	44.97 -3.49 0.00	41.64 -3.51 -0.09	42.97 -3.48 0.00	39.83 -3.09 0.00	36.41 -2.66 0.00	36.01 -2.34 0.00	34.50 -2.32 0.00	35.82 -2.37 0.00	36.18 -2.81 -0.97	40.30 -3.64 -1.13	45.23 -3.41 -0.60	53.26 -3.95 0.00	47.77 -3.05 0.00	39.26 -2.46 0.00	35.47 -1.83 0.00	34.38 -0.99 0.00
HYLAND___LFG 323620	26.61 -0.43 -1.95	24.63 -0.49 -1.63	23.82 -0.43 -1.71	23.41 -0.38 -1.50	24.71 -0.33 -1.63	27.44 -0.27 -1.06	33.37 0.37 -2.54	46.21 -0.05 0.00	47.15 -1.31 0.00	43.05 -2.12 -0.10	43.75 -2.70 0.00	40.61 -2.32 0.00	36.88 -2.19 0.00	36.31 -2.03 0.00	34.83 -1.99 0.00	36.09 -2.10 0.00	37.13 -1.98 -1.09	42.24 -1.84 -1.27	48.00 -0.72 -0.68	57.16 -0.06 0.00	51.33 0.51 0.00	41.81 0.08 0.00	37.56 0.26 0.00	35.90 0.53 0.00
INDECK___CORINTH 23802	40.55 1.40 -14.06	36.48 1.24 -11.75	36.09 1.22 -12.33	34.24 1.16 -10.79	36.37 1.22 -11.74	35.78 1.46 -7.67	50.65 1.00 -19.19	48.43 2.17 0.00	51.07 2.61 0.00	48.10 2.25 -0.79	48.86 2.41 0.00	44.98 2.06 0.00	40.94 1.88 0.00	40.11 1.76 0.00	38.62 1.80 0.00	40.29 2.10 0.00	48.08 1.86 -8.20	54.61 2.22 -9.58	55.66 2.50 -5.12	59.96 2.75 0.00	53.11 2.29 0.00	43.56 1.83 0.00	39.80 2.50 0.00	37.39 2.02 0.00
INDECK___ILION 23567	24.78 -0.30 0.00	23.24 -0.26 0.00	22.29 -0.25 0.00	22.04 -0.25 0.00	23.17 -0.23 0.00	26.40 -0.24 0.00	30.25 -0.21 0.00	46.07 -0.19 0.00	48.26 -0.19 0.00	44.79 -0.27 0.00	46.17 -0.28 0.00	42.67 -0.26 0.00	38.83 -0.23 0.00	38.08 -0.27 0.00	36.56 -0.26 0.00	37.96 -0.23 0.00	37.83 -0.19 0.00	42.59 -0.21 0.00	47.80 -0.24 0.00	56.87 -0.34 0.00	50.31 -0.51 0.00	41.30 -0.42 0.00	36.85 -0.45 0.00	34.88 -0.50 0.00
INDECK___OLEAN 23982	24.84 -2.36 -2.12	23.03 -2.23 -1.77	22.24 -2.16 -1.86	21.78 -2.14 -1.63	23.00 -2.18 -1.77	25.32 -2.48 -1.16	31.22 -2.01 -2.77	43.89 -2.36 0.00	45.69 -2.76 0.00	40.67 -4.51 -0.11	43.38 -3.07 0.00	40.30 -2.62 0.00	36.68 -2.38 0.00	36.31 -2.03 0.00	34.75 -2.06 0.00	35.98 -2.22 0.00	35.45 -3.76 -1.19	39.88 -4.32 -1.40	44.55 -4.23 -0.74	54.52 -2.69 0.00	48.79 -2.03 0.00	40.05 -1.67 0.00	35.84 -1.46 0.00	34.70 -0.67 0.00
INDECK___OSWEGO 23783	25.51 -0.43 -0.86	23.81 -0.40 -0.72	22.91 -0.38 -0.75	22.57 -0.38 -0.66	23.72 -0.40 -0.72	26.68 -0.43 -0.47	31.30 -0.24 -1.08	45.47 -0.79 0.00	47.39 -1.07 0.00	44.07 -1.03 -0.04	45.38 -1.07 0.00	41.89 -1.03 0.00	38.17 -0.90 0.00	37.47 -0.88 0.00	35.97 -0.85 0.00	37.31 -0.88 0.00	37.57 -0.91 -0.46	42.32 -1.03 -0.54	47.32 -1.01 -0.29	56.01 -1.20 0.00	49.75 -1.07 0.00	40.89 -0.83 0.00	36.63 -0.67 0.00	34.88 -0.50 0.00
INDECK___YERKES 23781	25.11 -1.71 -1.73	23.32 -1.62 -1.45	22.51 -1.56 -1.52	22.08 -1.54 -1.33	23.31 -1.55 -1.45	25.72 -1.87 -0.95	31.46 -1.25 -2.25	43.38 -2.87 0.00	45.11 -3.34 0.00	41.86 -3.29 -0.09	42.97 -3.48 0.00	40.00 -2.92 0.00	36.45 -2.62 0.00	36.20 -2.15 0.00	34.68 -2.14 0.00	35.75 -2.45 0.00	36.28 -2.70 -0.96	40.46 -3.47 -1.12	45.42 -3.22 -0.60	53.49 -3.72 0.00	47.98 -2.85 0.00	39.43 -2.29 0.00	35.62 -1.68 0.00	34.56 -0.81 0.00
INDIAN POINT_GT_1 24139	37.09 1.05 -10.95	33.66 1.01 -9.15	33.07 0.92 -9.61	31.56 0.87 -8.41	33.47 0.91 -9.15	33.76 1.15 -5.98	48.06 1.52 -16.07	49.77 3.52 0.00	52.19 3.73 0.00	49.26 3.60 -0.60	50.12 3.67 0.00	46.27 3.35 0.00	42.19 3.13 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.40 3.21 0.00	47.32 3.00 -6.30	53.41 3.25 -7.36	55.65 3.70 -3.91	61.68 4.46 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.53 2.24 0.00	37.11 1.73 0.00
INDIAN POINT_GT_2 23659	37.09 1.05 -10.95	33.66 1.01 -9.15	33.07 0.92 -9.61	31.56 0.87 -8.41	33.47 0.91 -9.15	33.76 1.15 -5.98	48.06 1.52 -16.07	49.77 3.52 0.00	52.19 3.73 0.00	49.26 3.60 -0.60	50.12 3.67 0.00	46.27 3.35 0.00	42.19 3.13 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.40 3.21 0.00	47.32 3.00 -6.30	53.41 3.25 -7.36	55.65 3.70 -3.91	61.68 4.46 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.53 2.24 0.00	37.11 1.73 0.00
INDIAN POINT_GT_3 24019	37.09 1.05 -10.95	33.66 1.01 -9.15	33.07 0.92 -9.61	31.56 0.87 -8.41	33.47 0.91 -9.15	33.76 1.15 -5.98	48.06 1.52 -16.07	49.77 3.52 0.00	52.19 3.73 0.00	49.26 3.60 -0.60	50.12 3.67 0.00	46.27 3.35 0.00	42.19 3.13 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.40 3.21 0.00	47.32 3.00 -6.30	53.41 3.25 -7.36	55.65 3.70 -3.91	61.68 4.46 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.53 2.24 0.00	37.11 1.73 0.00
INDIAN POINT___2 23530	36.73 0.98 -10.67	33.32 0.92 -8.91	32.75 0.86 -9.36	31.28 0.80 -8.19	33.16 0.84 -8.91	33.53 1.07 -5.82	46.20 1.43 -14.31	49.54 3.28 0.00	51.99 3.54 0.00	49.07 3.42 -0.58	49.94 3.49 0.00	46.06 3.13 0.00	42.00 2.93 0.00	41.22 2.88 0.00	39.61 2.80 0.00	41.25 3.06 0.00	46.96 2.81 -6.13	53.01 3.04 -7.16	55.31 3.46 -3.81	61.45 4.23 0.00	54.18 3.35 0.00	44.43 2.71 0.00	39.35 2.05 0.00	36.97 1.59 0.00
INDIAN POINT___3 23531	37.20 1.08 -11.03	33.75 1.03 -9.22	33.16 0.95 -9.68	31.65 0.89 -8.47	33.58 0.96 -9.22	33.83 1.17 -6.02	48.21 1.55 -16.19	49.81 3.56 0.00	52.28 3.83 0.00	49.36 3.69 -0.60	50.17 3.72 0.00	46.36 3.43 0.00	42.23 3.16 0.00	41.45 3.11 0.00	39.83 3.02 0.00	41.44 3.25 0.00	47.40 3.04 -6.34	53.51 3.30 -7.41	55.73 3.75 -3.94	61.79 4.58 0.00	54.43 3.61 0.00	44.68 2.96 0.00	39.57 2.28 0.00	37.14 1.77 0.00
INGHAM_C_115KV_TB7 356103	24.16 -0.93 0.00	22.65 -0.85 0.00	21.73 -0.81 0.00	21.51 -0.78 0.00	22.63 -0.77 0.00	25.79 -0.85 0.00	29.55 -0.91 0.00	45.05 -1.20 0.00	47.19 -1.26 0.00	43.75 -1.31 0.00	45.10 -1.35 0.00	41.64 -1.29 0.00	37.90 -1.17 0.00	37.16 -1.19 0.00	35.67 -1.14 0.00	37.01 -1.18 0.00	36.91 -1.10 0.00	41.52 -1.28 0.00	46.60 -1.44 0.00	55.38 -1.83 0.00	48.99 -1.83 0.00	40.18 -1.54 0.00	35.84 -1.45 0.00	33.92 -1.45 0.00
IP CORINTH___1 23988	40.55 1.40 -14.06	36.51 1.27 -11.75	36.09 1.22 -12.33	34.24 1.16 -10.79	36.37 1.22 -11.74	35.78 1.47 -7.67	52.28 1.19 -20.63	48.66 2.41 0.00	51.31 2.86 0.00	48.32 2.48 -0.79	49.10 2.65 0.00	45.24 2.32 0.00	41.14 2.07 0.00	40.30 1.96 0.00	38.80 1.99 0.00	40.48 2.29 0.00	48.31 2.09 -8.20	54.87 2.48 -9.58	55.87 2.74 -5.10	60.30 3.09 0.00	53.41 2.59 0.00	43.77 2.04 0.00	39.80 2.50 0.00	37.39 2.02 0.00

IP___TICONDEROGA 23804	41.16 2.03 -14.04	37.04 1.81 -11.73	36.57 1.71 -12.32	34.67 1.60 -10.78	36.85 1.71 -11.73	36.38 2.08 -7.66	53.14 2.07 -20.61	50.28 4.02 0.00	52.86 4.41 0.00	49.54 3.69 -0.78	50.45 3.99 0.00	46.40 3.48 0.00	42.04 2.97 0.00	41.19 2.84 0.00	39.69 2.87 0.00	41.63 3.44 0.00	49.32 3.12 -8.19	56.14 3.77 -9.57	57.50 4.37 -5.09	62.13 4.92 0.00	55.19 4.37 0.00	45.02 3.30 0.00	40.69 3.39 0.00	38.17 2.79 0.00
ISLIP_RES_REC 323679	37.22 0.93 -11.21	33.68 0.82 -9.36	33.09 0.72 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.74 0.99 -6.11	46.75 1.25 -15.04	49.58 3.33 0.01	51.98 3.54 0.01	49.82 4.14 -0.61	51.09 4.64 0.00	47.13 4.21 0.00	43.05 3.99 0.00	42.22 3.87 0.00	40.61 3.79 0.00	42.54 4.35 0.00	48.34 3.88 -6.45	53.97 3.64 -7.53	56.27 4.23 -4.00	62.13 4.92 0.01	54.57 3.76 0.01	45.23 3.51 0.00	39.91 2.61 0.00	36.97 1.59 0.00
JAMAICA__27_KV_LOAD 355505	37.40 1.10 -11.21	33.85 0.99 -9.37	33.28 0.90 -9.83	31.70 0.80 -8.61	33.69 0.91 -9.37	33.96 1.20 -6.12	48.62 1.71 -16.45	50.46 4.21 0.00	53.01 4.55 0.00	50.04 4.37 -0.61	50.49 4.04 0.00	46.57 3.65 0.00	42.51 3.44 0.00	41.72 3.37 0.00	40.17 3.35 0.00	41.78 3.59 0.00	47.81 3.35 -6.45	53.97 3.64 -7.53	56.23 4.18 -4.01	62.42 5.21 0.00	54.89 4.07 0.00	44.98 3.25 0.00	39.91 2.61 0.00	37.25 1.87 0.00
JANIS___SOLAR 323808	28.47 0.38 -3.01	26.38 0.37 -2.51	25.54 0.36 -2.64	25.00 0.40 -2.31	26.29 0.37 -2.51	28.82 0.53 -1.64	35.46 1.07 -3.93	47.91 1.66 0.00	49.81 1.35 0.00	45.81 0.58 -0.16	47.10 0.65 0.00	43.40 0.47 0.00	39.54 0.47 0.00	38.84 0.50 0.00	37.33 0.52 0.00	38.88 0.69 0.00	40.42 0.72 -1.69	45.84 1.07 -1.97	50.91 1.83 -1.05	59.56 2.35 0.00	52.70 1.88 0.00	43.10 1.37 0.00	38.41 1.12 0.00	36.54 1.17 0.00
JARVIS____ 23743	25.18 0.10 0.00	23.61 0.12 0.00	22.65 0.11 0.00	22.40 0.11 0.00	23.52 0.12 0.00	26.78 0.13 0.00	30.68 0.21 0.00	46.67 0.42 0.00	48.89 0.44 0.00	45.42 0.36 0.00	46.82 0.37 0.00	43.27 0.34 0.00	39.38 0.31 0.00	38.62 0.27 0.00	37.11 0.29 0.00	38.53 0.34 0.00	38.36 0.34 0.00	43.19 0.38 0.00	48.52 0.48 0.00	57.78 0.57 0.00	51.18 0.36 0.00	42.02 0.29 0.00	37.48 0.19 0.00	35.51 0.14 0.00
JENNISON___1 23625	29.28 0.33 -3.87	27.08 0.35 -3.24	26.28 0.34 -3.40	25.64 0.38 -2.97	27.04 0.40 -3.23	29.24 0.48 -2.11	37.06 0.91 -5.68	48.01 1.76 0.00	50.15 1.70 0.00	46.31 1.04 -0.21	47.80 1.35 0.00	44.13 1.20 0.00	40.24 1.17 0.00	39.54 1.19 0.00	38.03 1.21 0.00	39.57 1.37 0.00	41.40 1.22 -2.17	46.75 1.41 -2.53	51.41 2.02 -1.35	59.79 2.57 0.00	52.75 1.93 0.00	43.22 1.50 0.00	38.42 1.12 0.00	36.47 1.10 0.00
JENNISON___2 23626	29.28 0.33 -3.87	27.08 0.35 -3.24	26.28 0.34 -3.40	25.64 0.38 -2.97	27.04 0.40 -3.23	29.24 0.48 -2.11	37.06 0.91 -5.68	48.01 1.76 0.00	50.15 1.70 0.00	46.31 1.04 -0.21	47.80 1.35 0.00	44.13 1.20 0.00	40.24 1.17 0.00	39.54 1.19 0.00	38.03 1.21 0.00	39.57 1.37 0.00	41.40 1.22 -2.17	46.75 1.41 -2.53	51.41 2.02 -1.35	59.79 2.57 0.00	52.75 1.93 0.00	43.22 1.50 0.00	38.42 1.12 0.00	36.47 1.10 0.00
JERICHO_RISE_WT_PWR 323719	23.98 -1.10 0.00	22.37 -1.13 0.00	21.44 -1.10 0.00	21.13 -1.16 0.00	22.21 -1.19 0.00	-9.95 -1.39 35.20	-10.24 -1.68 39.02	-11.42 -2.31 55.36	-10.00 -2.28 56.18	-10.00 -1.94 53.12	44.41 -2.04 0.00	41.21 -1.72 0.00	37.35 -1.72 0.00	36.81 -1.54 0.00	35.38 -1.44 0.00	36.44 -1.76 0.00	-4.15 -1.82 40.34	-10.00 -1.84 50.96	-10.00 -2.31 55.73	54.52 -2.69 0.00	49.09 -1.73 0.00	40.35 -1.38 0.00	36.21 -1.08 0.00	34.45 -0.92 0.00
KATONAH___115KV_46KV_TB4 355592	37.64 1.25 -11.31	34.14 1.20 -9.45	33.58 1.13 -9.92	32.01 1.05 -8.68	33.95 1.10 -9.44	34.17 1.36 -6.17	48.85 1.80 -16.59	50.18 3.93 0.00	52.72 4.26 0.00	49.73 4.06 -0.62	50.63 4.18 0.00	46.74 3.82 0.00	42.62 3.56 0.00	41.84 3.49 0.00	40.20 3.39 0.00	41.82 3.63 0.00	47.94 3.42 -6.50	54.08 3.68 -7.59	56.26 4.18 -4.04	62.25 5.03 0.00	54.89 4.07 0.00	45.02 3.30 0.00	39.87 2.57 0.00	37.39 2.02 0.00
KCE_NY_1 323755	40.43 1.33 -14.02	36.41 1.20 -11.71	35.99 1.15 -12.30	34.16 1.11 -10.76	36.29 1.17 -11.71	35.68 1.38 -7.65	51.37 2.10 -18.81	50.27 4.02 0.00	52.04 3.59 0.00	49.04 3.20 -0.78	49.80 3.35 0.00	45.93 3.00 0.00	41.73 2.66 0.00	40.88 2.53 0.00	39.32 2.50 0.00	41.02 2.83 0.00	48.79 2.62 -8.15	55.41 3.08 -9.52	56.41 3.27 -5.11	60.99 3.78 0.00	54.03 3.20 0.00	44.22 2.50 0.00	39.61 2.31 0.00	37.28 1.91 0.00
KCE_NY_6_ESR 323823	25.11 -1.81 -1.83	23.31 -1.71 -1.53	22.50 -1.64 -1.60	22.04 -1.65 -1.40	23.27 -1.66 -1.53	25.67 -1.97 -1.00	31.50 -1.34 -2.38	43.66 -2.59 0.00	45.40 -3.05 0.00	41.82 -3.33 -0.10	43.25 -3.20 0.00	40.26 -2.66 0.00	36.68 -2.38 0.00	36.39 -1.95 0.00	34.86 -1.95 0.00	36.02 -2.18 0.00	36.33 -2.70 -1.01	40.60 -3.38 -1.18	45.55 -3.12 -0.63	54.01 -3.20 0.00	48.43 -2.39 0.00	39.84 -1.88 0.00	35.92 -1.38 0.00	34.80 -0.57 0.00
KEDC_PORT_JEFF_GT2 24210	37.15 0.85 -11.21	33.61 0.75 -9.36	33.04 0.68 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.43 3.19 0.01	51.84 3.39 0.01	49.64 3.97 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.19 3.73 -6.45	53.80 3.47 -7.53	56.08 4.04 -4.00	61.90 4.69 0.01	54.37 3.56 0.01	45.10 3.38 0.00	39.76 2.46 0.00	36.86 1.49 0.00
KEDC_PORT_JEFF_GT3 24211	37.15 0.85 -11.21	33.61 0.75 -9.36	33.04 0.68 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	46.66 1.16 -15.04	49.43 3.19 0.01	51.84 3.39 0.01	49.64 3.97 -0.61	50.91 4.46 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.39 4.20 0.00	48.19 3.73 -6.45	53.80 3.47 -7.53	56.08 4.04 -4.00	61.90 4.69 0.01	54.37 3.56 0.01	45.10 3.38 0.00	39.76 2.46 0.00	36.86 1.49 0.00
KEDC_GLWD_GT4 24219	37.45 1.15 -11.21	33.92 1.06 -9.37	33.36 0.99 -9.83	31.81 0.91 -8.60	33.75 0.98 -9.36	34.01 1.25 -6.11	47.15 1.64 -15.04	50.09 3.84 0.00	52.57 4.12 0.00	49.77 4.10 -0.61	50.91 4.46 0.00	47.00 4.08 0.00	42.90 3.83 0.00	42.11 3.76 0.00	40.46 3.65 0.00	42.20 4.01 0.00	48.11 3.65 -6.45	54.06 3.72 -7.53	56.32 4.27 -4.00	62.30 5.09 0.00	54.83 4.01 0.00	45.14 3.42 0.00	39.91 2.61 0.00	37.25 1.87 0.00
KEDC_GLWD_GT5 24220	37.45 1.15 -11.21	33.92 1.06 -9.37	33.36 0.99 -9.83	31.81 0.91 -8.60	33.75 0.98 -9.36	34.01 1.25 -6.11	47.15 1.64 -15.04	50.09 3.84 0.00	52.57 4.12 0.00	49.77 4.10 -0.61	50.91 4.46 0.00	47.00 4.08 0.00	42.90 3.83 0.00	42.11 3.76 0.00	40.46 3.65 0.00	42.20 4.01 0.00	48.11 3.65 -6.45	54.06 3.72 -7.53	56.32 4.27 -4.00	62.30 5.09 0.00	54.83 4.01 0.00	45.14 3.42 0.00	39.91 2.61 0.00	37.25 1.87 0.00

KENSICO____ 23655	37.48 1.20 -11.19	33.99 1.15 -9.35	33.41 1.06 -9.81	31.88 1.00 -8.59	33.83 1.08 -9.35	34.05 1.31 -6.10	48.62 1.74 -16.42	50.14 3.89 0.00	52.62 4.17 0.00	49.68 4.01 -0.61	50.49 4.04 0.00	46.66 3.73 0.00	42.54 3.48 0.00	41.72 3.37 0.00	40.13 3.31 0.00	41.74 3.55 0.00	47.76 3.31 -6.43	53.92 3.60 -7.52	56.12 4.08 -4.00	62.19 4.98 0.00	54.79 3.96 0.00	44.93 3.21 0.00	39.80 2.50 0.00	37.32 1.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.74 0.98 -10.68	33.40 0.99 -8.92	32.81 0.90 -9.36	31.33 0.85 -8.19	33.24 0.91 -8.92	33.56 1.09 -5.82	47.65 1.52 -15.67	49.54 3.28 0.00	52.04 3.59 0.00	48.98 3.33 -0.59	49.89 3.44 0.00	45.97 3.05 0.00	41.88 2.81 0.00	41.15 2.80 0.00	39.54 2.72 0.00	41.17 2.98 0.00	47.01 2.85 -6.14	53.19 3.21 -7.17	55.60 3.75 -3.81	61.85 4.63 0.00	54.48 3.66 0.00	44.60 2.88 0.00	39.53 2.24 0.00	37.18 1.80 0.00
KIAC_JFK_GT1 23816	37.28 0.98 -11.21	33.73 0.87 -9.37	33.16 0.79 -9.83	31.61 0.71 -8.61	33.57 0.80 -9.37	33.85 1.09 -6.12	48.44 1.52 -16.45	50.18 3.93 0.00	52.72 4.26 0.00	49.77 4.10 -0.61	50.21 3.76 0.00	46.36 3.43 0.00	42.27 3.20 0.00	41.53 3.18 0.00	39.94 3.13 0.00	41.55 3.36 0.00	47.58 3.12 -6.45	53.72 3.38 -7.53	55.94 3.89 -4.01	62.02 4.81 0.00	54.53 3.71 0.00	44.73 3.00 0.00	39.68 2.39 0.00	37.07 1.70 0.00
KIAC_JFK_GT2 23817	37.28 0.98 -11.21	33.73 0.87 -9.37	33.16 0.79 -9.83	31.61 0.71 -8.61	33.57 0.80 -9.37	33.85 1.09 -6.12	48.44 1.52 -16.45	50.18 3.93 0.00	52.72 4.26 0.00	49.77 4.10 -0.61	50.21 3.76 0.00	46.36 3.43 0.00	42.27 3.20 0.00	41.53 3.18 0.00	39.94 3.13 0.00	41.55 3.36 0.00	47.58 3.12 -6.45	53.72 3.38 -7.53	55.94 3.89 -4.01	62.02 4.81 0.00	54.53 3.71 0.00	44.73 3.00 0.00	39.68 2.39 0.00	37.07 1.70 0.00
KIAC_JFK____ 323774	37.28 0.98 -11.21	33.73 0.87 -9.37	33.16 0.79 -9.83	31.61 0.71 -8.61	33.57 0.80 -9.37	33.85 1.09 -6.12	47.03 1.52 -15.04	50.18 3.93 0.00	52.72 4.26 0.00	49.77 4.10 -0.61	50.26 3.81 0.00	46.36 3.44 0.00	42.31 3.24 0.00	41.53 3.18 0.00	39.94 3.13 0.00	41.63 3.44 0.00	47.62 3.15 -6.45	53.72 3.38 -7.53	55.94 3.89 -4.01	62.07 4.86 0.00	54.53 3.71 0.00	44.73 3.01 0.00	39.69 2.39 0.00	37.07 1.70 0.00
KINTIGH____ 23543	25.26 -1.35 -1.53	23.53 -1.25 -1.28	22.65 -1.24 -1.35	22.24 -1.23 -1.18	23.35 -1.33 -1.28	25.86 -1.63 -0.84	31.77 -0.94 -2.25	43.62 -2.64 0.00	45.35 -3.10 0.00	42.35 -2.79 -0.08	43.34 -3.11 0.00	40.13 -2.79 0.00	36.68 -2.38 0.00	36.24 -2.11 0.00	34.75 -2.06 0.00	36.05 -2.14 0.00	36.70 -2.17 -0.85	40.88 -2.91 -0.99	45.88 -2.69 -0.53	53.61 -3.60 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.35 -1.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.33 -0.75 0.00	22.72 -0.78 0.00	21.77 -0.77 0.00	21.46 -0.82 0.00	22.59 -0.82 0.00	-6.47 -0.83 32.28	-6.51 -1.19 35.79	-6.31 -1.57 50.99	-4.60 -1.31 51.74	-4.91 -1.04 48.93	45.29 -1.16 0.00	41.98 -0.94 0.00	38.05 -1.02 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.16 -1.03 0.00	0.00 -0.95 37.07	-4.93 -0.90 46.83	-4.38 -1.20 51.21	55.78 -1.43 0.00	50.36 -0.46 0.00	41.30 -0.42 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
LACHUTE__HYDRO 323717	41.16 2.03 -14.04	37.01 1.78 -11.73	36.57 1.71 -12.32	34.67 1.61 -10.78	36.84 1.71 -11.73	36.38 2.08 -7.66	51.68 2.07 -19.14	50.27 4.02 0.00	52.86 4.41 0.00	49.54 3.70 -0.78	50.45 4.00 0.00	46.40 3.48 0.00	42.08 3.01 0.00	41.18 2.84 0.00	39.69 2.87 0.00	41.63 3.44 0.00	49.33 3.12 -8.19	56.14 3.77 -9.57	57.53 4.37 -5.12	62.13 4.92 0.00	55.19 4.37 0.00	45.02 3.30 0.00	40.69 3.39 0.00	38.17 2.79 0.00
LAWRNCAL_115KV_TB1 80681	23.95 -1.13 0.00	22.44 -1.06 0.00	21.55 -0.99 0.00	21.26 -1.03 0.00	22.35 -1.05 0.00	30.04 -1.09 -4.49	33.95 -1.49 -4.98	51.03 -2.04 -6.81	53.38 -1.99 -6.91	49.84 -1.76 -6.53	44.69 -1.77 0.00	41.29 -1.63 0.00	37.54 -1.52 0.00	36.93 -1.42 0.00	35.49 -1.33 0.00	36.47 -1.72 0.00	41.06 -1.71 -4.76	47.75 -1.50 -6.44	53.26 -1.83 -7.04	55.15 -2.06 0.00	49.55 -1.27 0.00	40.60 -1.13 0.00	36.29 -1.01 0.00	34.52 -0.85 0.00
LEDERLE____ 23769	36.90 1.10 -10.71	33.50 1.06 -8.95	32.90 0.97 -9.39	31.42 0.91 -8.22	33.34 0.98 -8.94	33.74 1.25 -5.84	47.84 1.68 -15.70	49.95 3.70 0.00	52.48 4.02 0.00	49.52 3.88 -0.59	50.40 3.95 0.00	46.53 3.61 0.00	42.39 3.32 0.00	41.65 3.30 0.00	40.02 3.20 0.00	41.63 3.44 0.00	47.25 3.08 -6.16	53.38 3.38 -7.19	55.71 3.84 -3.82	61.90 4.69 0.00	54.58 3.76 0.00	44.73 3.00 0.00	39.61 2.31 0.00	37.21 1.84 0.00
LIGHTHSE_115KV_TB6 355974	25.40 -0.48 -0.80	23.71 -0.45 -0.66	22.81 -0.43 -0.70	22.50 -0.40 -0.61	23.67 -0.40 -0.66	26.62 -0.45 -0.43	31.39 -0.24 -1.17	45.74 -0.51 0.00	47.73 -0.73 0.00	44.15 -0.95 -0.04	45.52 -0.93 0.00	42.02 -0.90 0.00	38.29 -0.78 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.47 -0.73 0.00	37.57 -0.87 -0.43	42.40 -0.90 -0.50	47.54 -0.77 -0.27	56.35 -0.86 0.00	49.96 -0.86 0.00	41.05 -0.67 0.00	36.66 -0.63 0.00	34.84 -0.53 0.00
LINDEN COGEN____ 23786	37.48 1.18 -11.21	33.94 1.08 -9.37	33.37 0.99 -9.83	31.81 0.91 -8.61	33.78 1.01 -9.37	34.01 1.25 -6.12	47.15 1.64 -15.04	50.23 3.98 0.00	52.72 4.26 0.00	49.77 4.10 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	41.89 3.70 0.00	47.89 3.42 -6.45	53.93 3.60 -7.53	56.13 4.08 -4.01	62.25 5.04 0.00	54.79 3.97 0.00	44.98 3.26 0.00	39.83 2.54 0.00	37.28 1.91 0.00
LINDHRST_69_KV_BK1 356055	37.22 0.93 -11.21	33.70 0.85 -9.36	33.14 0.77 -9.83	31.54 0.65 -8.60	33.45 0.68 -9.36	33.74 0.99 -6.11	48.19 1.28 -16.45	49.62 3.38 0.01	51.98 3.54 0.01	49.59 3.92 -0.61	50.77 4.32 0.00	46.96 4.03 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.35 4.16 0.00	48.11 3.65 -6.45	53.84 3.51 -7.53	56.03 3.99 -4.00	61.90 4.69 0.01	54.47 3.66 0.01	45.10 3.38 0.00	39.91 2.61 0.00	36.96 1.59 0.00
LIPA_MISC_IPP 23656	36.99 0.70 -11.21	33.49 0.63 -9.36	32.91 0.54 -9.83	31.29 0.40 -8.60	33.19 0.42 -9.36	33.50 0.75 -6.11	47.86 0.94 -16.45	48.97 2.73 0.01	51.45 3.00 0.01	49.37 3.69 -0.61	50.54 4.09 0.00	46.70 3.78 0.00	42.54 3.48 0.00	41.80 3.45 0.00	40.20 3.39 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.54 3.21 -7.53	55.64 3.60 -4.00	61.38 4.18 0.01	53.97 3.15 0.01	44.81 3.09 0.00	39.57 2.28 0.00	36.65 1.27 0.00
LISF__SOLAR 323691	37.04 0.75 -11.21	33.51 0.66 -9.36	32.93 0.56 -9.83	31.31 0.42 -8.60	33.24 0.47 -9.36	33.55 0.80 -6.11	46.47 0.97 -15.04	49.07 2.82 0.01	51.50 3.05 0.01	49.41 3.74 -0.61	50.68 4.23 0.00	46.74 3.82 0.00	42.70 3.63 0.00	41.84 3.49 0.00	40.27 3.46 0.00	42.20 4.01 0.00	47.96 3.50 -6.45	53.58 3.25 -7.53	55.79 3.75 -4.00	61.55 4.35 0.01	54.07 3.26 0.01	44.89 3.17 0.00	39.57 2.28 0.00	36.68 1.31 0.00

LITTLE FALLS___HYD 24013	24.16 -0.93 0.00	22.65 -0.85 0.00	21.73 -0.81 0.00	21.51 -0.78 0.00	22.63 -0.77 0.00	25.79 -0.85 0.00	29.55 -0.91 0.00	45.05 -1.20 0.00	47.19 -1.26 0.00	43.75 -1.31 0.00	45.10 -1.35 0.00	41.64 -1.29 0.00	37.90 -1.17 0.00	37.16 -1.19 0.00	35.67 -1.14 0.00	37.01 -1.18 0.00	36.91 -1.10 0.00	41.52 -1.28 0.00	46.60 -1.44 0.00	55.38 -1.83 0.00	48.99 -1.83 0.00	40.18 -1.54 0.00	35.84 -1.45 0.00	33.92 -1.45 0.00
LITTLRIV_115KV_TB1 356100	24.16 -0.93 0.00	22.65 -0.85 0.00	21.75 -0.79 0.00	21.46 -0.82 0.00	22.56 -0.84 0.00	30.75 -0.83 -4.94	34.71 -1.22 -5.47	52.17 -1.57 -7.49	54.50 -1.55 -7.60	50.85 -1.40 -7.19	45.01 -1.44 0.00	41.55 -1.37 0.00	37.82 -1.25 0.00	37.20 -1.15 0.00	35.75 -1.07 0.00	36.78 -1.41 0.00	41.88 -1.41 -5.27	48.73 -1.16 -7.08	54.44 -1.35 -7.75	55.78 -1.43 0.00	50.06 -0.76 0.00	41.01 -0.71 0.00	36.63 -0.67 0.00	34.84 -0.53 0.00
LI_NEWBRDGE___DRP 323616	36.92 0.63 -11.21	33.47 0.61 -9.36	32.89 0.52 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.45 0.69 -6.11	47.89 0.97 -16.45	49.11 2.87 0.01	51.50 3.05 0.01	49.01 3.33 -0.61	50.12 3.67 0.00	46.40 3.48 0.00	42.31 3.24 0.00	41.57 3.22 0.00	39.98 3.17 0.00	41.78 3.59 0.00	47.58 3.12 -6.45	53.24 2.91 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.52 2.80 0.00	39.35 2.05 0.00	36.54 1.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.90 -1.86 -1.67	23.18 -1.72 -1.40	22.32 -1.69 -1.47	21.90 -1.67 -1.28	22.98 -1.83 -1.40	25.40 -2.16 -0.91	31.43 -1.49 -2.46	43.01 -3.24 0.00	44.63 -3.83 0.00	41.41 -3.74 -0.09	42.64 -3.81 0.00	39.53 -3.39 0.00	36.10 -2.97 0.00	35.74 -2.61 0.00	34.24 -2.58 0.00	35.52 -2.67 0.00	35.98 -2.97 -0.93	40.03 -3.85 -1.08	45.01 -3.60 -0.58	52.92 -4.29 0.00	47.42 -3.41 0.00	38.97 -2.75 0.00	35.25 -2.05 0.00	34.13 -1.24 0.00
LOCKPORT___CC1 323769	24.92 -1.86 -1.69	23.12 -1.79 -1.41	22.31 -1.71 -1.48	21.89 -1.69 -1.30	23.11 -1.71 -1.41	25.52 -2.05 -0.92	31.16 -1.49 -2.19	42.97 -3.28 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.41 -4.04 0.00	39.49 -3.44 0.00	36.02 -3.05 0.00	35.70 -2.65 0.00	34.20 -2.61 0.00	35.29 -2.90 0.00	35.88 -3.08 -0.94	40.05 -3.85 -1.09	44.97 -3.65 -0.58	52.86 -4.35 0.00	47.42 -3.40 0.00	38.93 -2.79 0.00	35.21 -2.09 0.00	34.13 -1.24 0.00
LOCKPORT___CC2 323770	24.92 -1.86 -1.69	23.12 -1.79 -1.41	22.31 -1.71 -1.48	21.89 -1.69 -1.30	23.11 -1.71 -1.41	25.52 -2.05 -0.92	31.16 -1.49 -2.19	42.97 -3.28 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.41 -4.04 0.00	39.49 -3.44 0.00	36.02 -3.05 0.00	35.70 -2.65 0.00	34.20 -2.61 0.00	35.29 -2.90 0.00	35.88 -3.08 -0.94	40.05 -3.85 -1.09	44.97 -3.65 -0.58	52.86 -4.35 0.00	47.42 -3.40 0.00	38.93 -2.79 0.00	35.21 -2.09 0.00	34.13 -1.24 0.00
LOCKPORT___CC3 323771	24.92 -1.86 -1.69	23.12 -1.79 -1.41	22.31 -1.71 -1.48	21.89 -1.69 -1.30	23.11 -1.71 -1.41	25.52 -2.05 -0.92	31.16 -1.49 -2.19	42.97 -3.28 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.41 -4.04 0.00	39.49 -3.44 0.00	36.02 -3.05 0.00	35.70 -2.65 0.00	34.20 -2.61 0.00	35.29 -2.90 0.00	35.88 -3.08 -0.94	40.05 -3.85 -1.09	44.97 -3.65 -0.58	52.86 -4.35 0.00	47.42 -3.40 0.00	38.93 -2.79 0.00	35.21 -2.09 0.00	34.13 -1.24 0.00
LONG_LAKE_PHOENIX 24014	25.62 -0.35 -0.89	23.88 -0.35 -0.74	22.98 -0.34 -0.78	22.66 -0.31 -0.68	23.82 -0.33 -0.74	26.75 -0.37 -0.48	31.61 -0.15 -1.30	45.60 -0.65 0.00	47.58 -0.87 0.00	44.25 -0.86 -0.05	45.57 -0.88 0.00	42.11 -0.82 0.00	38.33 -0.74 0.00	37.62 -0.73 0.00	36.12 -0.70 0.00	37.50 -0.69 0.00	37.77 -0.72 -0.48	42.51 -0.86 -0.56	47.52 -0.82 -0.30	56.18 -1.03 0.00	49.91 -0.91 0.00	41.01 -0.71 0.00	36.74 -0.56 0.00	34.95 -0.42 0.00
LOVETT___3 23632	36.90 1.03 -10.79	33.50 0.99 -9.02	32.91 0.90 -9.46	31.42 0.85 -8.28	33.33 0.91 -9.01	33.65 1.12 -5.89	47.79 1.49 -15.84	49.72 3.47 0.00	52.14 3.68 0.00	49.21 3.56 -0.59	50.07 3.62 0.00	46.23 3.31 0.00	42.15 3.09 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.36 3.17 0.00	47.15 2.93 -6.20	53.26 3.21 -7.25	55.55 3.65 -3.85	61.68 4.46 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.07 1.70 0.00
LOVETT___4 23642	36.90 1.03 -10.79	33.50 0.99 -9.02	32.91 0.90 -9.46	31.42 0.85 -8.28	33.33 0.91 -9.01	33.65 1.12 -5.89	47.79 1.49 -15.84	49.72 3.47 0.00	52.14 3.68 0.00	49.21 3.56 -0.59	50.07 3.62 0.00	46.23 3.31 0.00	42.15 3.09 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.36 3.17 0.00	47.15 2.93 -6.20	53.26 3.21 -7.25	55.55 3.65 -3.85	61.68 4.46 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.07 1.70 0.00
LOVETT___5 23593	36.90 1.03 -10.79	33.50 0.99 -9.02	32.91 0.90 -9.46	31.42 0.85 -8.28	33.33 0.91 -9.01	33.65 1.12 -5.89	47.79 1.49 -15.84	49.72 3.47 0.00	52.14 3.68 0.00	49.21 3.56 -0.59	50.07 3.62 0.00	46.23 3.31 0.00	42.15 3.09 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.36 3.17 0.00	47.15 2.93 -6.20	53.26 3.21 -7.25	55.55 3.65 -3.85	61.68 4.46 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.07 1.70 0.00
LOWER RAQUET___HYD 24057	23.78 -1.31 0.00	22.30 -1.20 0.00	21.39 -1.15 0.00	21.11 -1.18 0.00	22.17 -1.24 0.00	30.61 -1.36 -5.33	34.69 -1.68 -5.91	52.07 -2.31 -8.13	54.43 -2.28 -8.25	50.83 -2.03 -7.80	44.36 -2.09 0.00	40.99 -1.93 0.00	37.31 -1.76 0.00	36.70 -1.65 0.00	35.23 -1.58 0.00	36.25 -1.95 0.00	41.84 -1.94 -5.76	48.73 -1.76 -7.69	54.33 -2.11 -8.41	54.81 -2.40 0.00	49.25 -1.58 0.00	40.35 -1.38 0.00	36.07 -1.23 0.00	34.28 -1.10 0.00
LOWER___HUDSON 24059	39.97 1.10 -13.79	36.00 0.99 -11.52	35.58 0.95 -12.09	33.80 0.94 -10.58	35.90 0.98 -11.51	35.33 1.17 -7.52	50.73 1.58 -18.68	49.40 3.15 0.00	51.65 3.20 0.00	48.76 2.93 -0.77	49.47 3.02 0.00	45.67 2.75 0.00	41.45 2.38 0.00	40.61 2.26 0.00	38.99 2.17 0.00	40.60 2.41 0.00	48.33 2.28 -8.03	54.80 2.61 -9.38	56.02 2.98 -5.00	60.70 3.49 0.00	53.67 2.84 0.00	43.97 2.25 0.00	39.20 1.90 0.00	36.86 1.49 0.00
LOWVILLE_115KV_TB2 356335	24.97 -0.53 -0.41	23.39 -0.45 -0.34	22.50 -0.41 -0.36	22.20 -0.40 -0.31	23.35 -0.40 -0.34	28.04 -0.37 -1.77	32.42 -0.37 -2.32	48.43 -0.19 -2.36	50.51 -0.34 -2.39	46.62 -0.72 -2.28	45.75 -0.70 0.00	42.24 -0.69 0.00	38.48 -0.59 0.00	37.77 -0.58 0.00	36.30 -0.52 0.00	37.62 -0.57 0.00	39.21 -0.68 -1.88	44.72 -0.56 -2.47	50.32 -0.29 -2.57	57.04 -0.17 0.00	50.52 -0.30 0.00	41.43 -0.29 0.00	36.85 -0.45 0.00	34.95 -0.42 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.41 1.30 -14.02	36.41 1.20 -11.71	35.99 1.15 -12.30	34.14 1.09 -10.76	36.26 1.15 -11.71	35.65 1.36 -7.65	53.11 2.07 -20.57	50.28 4.02 0.00	52.04 3.59 0.00	48.99 3.15 -0.78	49.75 3.30 0.00	45.89 2.96 0.00	41.69 2.62 0.00	40.84 2.49 0.00	39.28 2.47 0.00	40.94 2.75 0.00	48.79 2.62 -8.15	55.37 3.04 -9.52	56.37 3.27 -5.07	60.99 3.78 0.00	53.97 3.15 0.00	44.22 2.50 0.00	39.61 2.31 0.00	37.25 1.87 0.00

LUTHERNY_35_KV_BK2 355980	40.43 1.33 -14.02	36.43 1.22 -11.71	35.99 1.15 -12.30	34.16 1.11 -10.76	36.29 1.17 -11.71	35.68 1.39 -7.65	53.14 2.10 -20.57	50.28 4.02 0.00	52.04 3.59 0.00	49.04 3.20 -0.78	49.79 3.34 0.00	45.93 3.00 0.00	41.69 2.62 0.00	40.88 2.53 0.00	39.32 2.50 0.00	40.98 2.79 0.00	48.83 2.66 -8.15	55.41 3.08 -9.52	56.37 3.27 -5.07	60.99 3.78 0.00	54.02 3.20 0.00	44.22 2.50 0.00	39.61 2.31 0.00	37.28 1.91 0.00
LWR___OSWEGATCHIE_HYD 23850	24.18 -1.20 -0.30	22.67 -1.08 -0.25	21.77 -1.04 -0.26	21.50 -1.03 -0.23	22.61 -1.05 -0.25	29.33 -1.12 -3.81	33.57 -1.37 -4.48	50.07 -1.71 -5.53	52.23 -1.84 -5.61	48.49 -1.89 -5.32	44.55 -1.90 0.00	41.12 -1.80 0.00	37.43 -1.64 0.00	36.78 -1.57 0.00	35.34 -1.47 0.00	36.51 -1.68 0.00	40.34 -1.75 -4.07	46.54 -1.67 -5.41	52.13 -1.73 -5.82	55.27 -1.95 0.00	49.30 -1.52 0.00	40.39 -1.34 0.00	36.03 -1.27 0.00	34.17 -1.20 0.00
LYONS_FALL_HYD 23570	25.27 -0.20 -0.39	23.68 -0.14 -0.33	22.75 -0.13 -0.34	22.48 -0.11 -0.30	23.57 -0.16 -0.33	27.82 -0.08 -1.25	32.07 0.00 -1.61	48.17 0.33 -1.59	50.26 0.19 -1.61	46.42 -0.18 -1.54	46.36 -0.09 0.00	42.84 -0.09 0.00	39.03 -0.04 0.00	38.27 -0.08 0.00	36.78 -0.04 0.00	38.15 -0.04 0.00	39.22 -0.11 -1.32	44.53 0.00 -1.73	50.09 0.29 -1.76	57.62 0.40 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.26 -0.04 0.00	35.30 -0.07 0.00
MADISON___COUNTY_LFGE 323628	26.10 0.35 -0.66	24.40 0.35 -0.55	23.46 0.34 -0.58	23.16 0.36 -0.51	24.36 0.40 -0.55	27.49 0.48 -0.36	32.17 0.73 -0.97	47.45 1.20 0.00	49.57 1.11 0.00	45.81 0.72 -0.03	47.29 0.84 0.00	43.70 0.77 0.00	39.81 0.74 0.00	39.08 0.73 0.00	37.55 0.74 0.00	38.96 0.76 0.00	39.09 0.72 -0.35	44.11 0.90 -0.41	49.51 1.25 -0.22	58.70 1.49 0.00	51.99 1.17 0.00	42.64 0.92 0.00	38.04 0.75 0.00	36.08 0.71 0.00
MALONE___115KV_TB1 356076	24.08 -1.00 0.00	22.51 -0.99 0.00	21.59 -0.95 0.00	21.26 -1.03 0.00	22.40 -1.01 0.00	48.52 -1.04 -22.91	54.46 -1.40 -25.40	79.29 -1.85 -34.89	82.02 -1.84 -35.41	77.01 -1.53 -33.48	44.92 -1.53 0.00	41.59 -1.33 0.00	37.74 -1.33 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	36.78 -1.41 0.00	62.37 -1.44 -25.80	74.43 -1.37 -33.00	82.40 -1.73 -36.09	55.32 -1.89 0.00	49.91 -0.91 0.00	40.89 -0.83 0.00	36.63 -0.67 0.00	34.84 -0.53 0.00
MAPLEWOD_115KV_TB3 80458	39.90 1.10 -13.71	35.94 0.99 -11.45	35.51 0.95 -12.02	33.72 0.91 -10.52	35.82 0.96 -11.45	35.24 1.12 -7.48	52.10 1.52 -20.12	48.80 2.54 0.00	51.12 2.66 0.00	48.26 2.43 -0.77	49.01 2.55 0.00	45.24 2.32 0.00	40.94 1.88 0.00	39.96 1.61 0.00	38.25 1.44 0.00	39.80 1.60 0.00	47.93 1.94 -7.98	54.31 2.18 -9.32	55.54 2.55 -4.96	60.19 2.98 0.00	53.26 2.44 0.00	43.64 1.92 0.00	38.83 1.53 0.00	36.54 1.17 0.00
MAPLE_RIDGE_WT_1 323574	24.43 -0.65 0.00	22.88 -0.61 0.00	21.96 -0.59 0.00	21.69 -0.60 0.00	22.78 -0.63 0.00	25.90 -0.75 0.00	29.64 -0.82 0.00	45.10 -1.15 0.00	47.29 -1.16 0.00	44.03 -1.03 0.00	45.38 -1.07 0.00	41.98 -0.94 0.00	38.21 -0.86 0.00	37.50 -0.84 0.00	36.01 -0.81 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	41.99 -0.81 0.00	47.13 -0.91 0.00	56.12 -1.09 0.00	50.01 -0.82 0.00	40.76 -0.96 0.00	36.51 -0.79 0.00	34.70 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	24.43 -0.65 0.00	22.88 -0.61 0.00	21.96 -0.59 0.00	21.69 -0.60 0.00	22.78 -0.63 0.00	25.90 -0.75 0.00	29.64 -0.82 0.00	45.10 -1.15 0.00	47.29 -1.16 0.00	44.03 -1.03 0.00	45.38 -1.07 0.00	41.98 -0.94 0.00	38.21 -0.86 0.00	37.50 -0.84 0.00	36.01 -0.81 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	41.99 -0.81 0.00	47.13 -0.91 0.00	56.12 -1.09 0.00	50.01 -0.82 0.00	40.76 -0.96 0.00	36.51 -0.79 0.00	34.70 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	24.03 -1.05 0.00	22.41 -1.08 0.00	21.48 -1.06 0.00	21.18 -1.11 0.00	22.26 -1.15 0.00	-7.00 -1.30 32.34	-7.00 -1.62 35.85	-7.00 -2.27 50.99	-5.52 -2.23 51.74	-5.81 -1.94 48.93	44.50 -1.95 0.00	41.29 -1.63 0.00	37.43 -1.64 0.00	36.89 -1.46 0.00	35.42 -1.40 0.00	36.51 -1.68 0.00	-0.80 -1.75 37.07	-5.82 -1.80 46.83	-5.38 -2.21 51.21	54.64 -2.57 0.00	49.19 -1.63 0.00	40.43 -1.29 0.00	36.25 -1.04 0.00	34.49 -0.88 0.00
MARSHVLE_115KV_TB1 80742	42.72 1.91 -15.73	38.39 1.76 -13.14	38.02 1.69 -13.79	35.98 1.63 -12.07	38.27 1.73 -13.13	37.27 2.05 -8.58	56.07 2.53 -23.07	50.46 4.21 0.00	52.67 4.22 0.00	49.20 3.24 -0.90	49.75 3.30 0.00	46.19 3.26 0.00	42.12 3.05 0.00	41.30 2.95 0.00	39.69 2.87 0.00	41.44 3.25 0.00	50.60 3.23 -9.35	57.58 3.85 -10.93	58.75 4.90 -5.81	62.99 5.78 0.00	55.85 5.03 0.00	45.81 4.09 0.00	40.69 3.39 0.00	38.34 2.97 0.00
MARSH_HILL_WT_PWR 323713	25.27 -2.13 -2.32	23.37 -2.07 -1.94	22.64 -1.94 -2.04	22.18 -1.89 -1.78	23.40 -1.94 -1.94	25.70 -2.21 -1.27	31.73 -1.77 -3.03	43.89 -2.36 0.00	45.40 -3.05 0.00	41.35 -3.83 -0.12	42.83 -3.62 0.00	40.09 -2.83 0.00	36.53 -2.54 0.00	36.16 -2.18 0.00	34.61 -2.21 0.00	35.63 -2.56 0.00	36.35 -2.97 -1.30	41.07 -3.25 -1.52	45.87 -2.98 -0.81	54.01 -3.20 0.00	48.18 -2.64 0.00	39.22 -2.50 0.00	35.21 -2.09 0.00	33.82 -1.56 0.00
MCINTYRE_115KV_TB2 80467	24.48 -0.60 0.00	22.95 -0.54 0.00	22.05 -0.50 0.00	21.75 -0.53 0.00	22.87 -0.54 0.00	30.43 -0.48 -4.26	34.36 -0.82 -4.72	51.70 -1.02 -6.46	54.04 -0.97 -6.56	50.31 -0.95 -6.20	45.47 -0.98 0.00	41.98 -0.94 0.00	38.21 -0.86 0.00	37.54 -0.81 0.00	36.12 -0.70 0.00	37.16 -1.03 0.00	41.48 -1.03 -4.49	48.23 -0.68 -6.11	53.91 -0.82 -6.68	56.47 -0.74 0.00	50.72 -0.10 0.00	41.51 -0.21 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
MECO_____69_KV_BK1 80468	42.30 2.08 -15.14	38.04 1.90 -12.65	37.64 1.83 -13.27	35.64 1.74 -11.61	37.90 1.85 -12.64	37.11 2.21 -8.26	55.41 2.74 -22.21	50.88 4.63 0.00	53.15 4.70 0.00	49.61 3.69 -0.86	50.26 3.81 0.00	46.49 3.56 0.00	42.27 3.20 0.00	41.45 3.11 0.00	39.91 3.09 0.00	41.67 3.48 0.00	50.44 3.46 -8.97	57.43 4.15 -10.48	58.85 5.24 -5.57	63.39 6.18 0.00	56.21 5.39 0.00	45.98 4.26 0.00	40.88 3.58 0.00	38.48 3.11 0.00
MENANDS___115KV_TB5 355628	39.82 1.05 -13.68	35.89 0.96 -11.43	35.44 0.90 -12.00	33.68 0.89 -10.50	35.77 0.94 -11.43	35.17 1.07 -7.46	52.00 1.46 -20.08	48.75 2.50 0.00	51.02 2.57 0.00	48.21 2.39 -0.76	48.91 2.46 0.00	45.20 2.27 0.00	40.87 1.80 0.00	39.84 1.50 0.00	38.10 1.29 0.00	39.60 1.41 0.00	47.76 1.79 -7.96	54.11 2.01 -9.30	55.29 2.31 -4.94	59.90 2.69 0.00	53.01 2.19 0.00	43.43 1.71 0.00	38.64 1.34 0.00	36.33 0.96 0.00
MG INDUSTRY___DRP 24185	39.40 0.90 -13.42	35.55 0.85 -11.21	35.12 0.81 -11.76	33.39 0.80 -10.29	35.45 0.84 -11.20	34.89 0.93 -7.32	51.52 1.37 -19.69	48.66 2.41 0.00	50.93 2.47 0.00	47.97 2.16 -0.74	48.73 2.28 0.00	44.98 2.06 0.00	40.75 1.68 0.00	39.77 1.42 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.41 1.63 -7.76	53.71 1.84 -9.06	54.97 2.11 -4.82	59.79 2.57 0.00	52.96 2.13 0.00	43.39 1.67 0.00	38.64 1.34 0.00	36.40 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	24.18 -1.20 -0.30	22.67 -1.08 -0.25	21.77 -1.04 -0.26	21.50 -1.03 -0.23	22.61 -1.05 -0.25	29.33 -1.12 -3.81	33.57 -1.37 -4.48	50.07 -1.71 -5.53	52.23 -1.84 -5.61	48.49 -1.89 -5.32	44.55 -1.90 0.00	41.12 -1.80 0.00	37.43 -1.64 0.00	36.78 -1.57 0.00	35.34 -1.47 0.00	36.51 -1.68 0.00	40.34 -1.75 -4.07	46.54 -1.67 -5.41	52.13 -1.73 -5.82	55.27 -1.95 0.00	49.30 -1.52 0.00	40.39 -1.34 0.00	36.03 -1.27 0.00	34.17 -1.20 0.00
MID___RAQUETTE_HYD 23851	23.78 -1.30 0.00	22.30 -1.20 0.00	21.39 -1.15 0.00	21.11 -1.18 0.00	22.21 -1.19 0.00	30.72 -1.28 -5.35	34.69 -1.71 -5.93	52.07 -2.31 -8.13	54.43 -2.28 -8.25	50.83 -2.03 -7.80	44.36 -2.09 0.00	40.99 -1.93 0.00	37.31 -1.76 0.00	36.66 -1.69 0.00	35.23 -1.58 0.00	36.24 -1.95 0.00	41.84 -1.94 -5.76	48.74 -1.75 -7.69	54.33 -2.11 -8.41	54.81 -2.40 0.00	49.25 -1.58 0.00	40.34 -1.38 0.00	36.07 -1.23 0.00	34.28 -1.10 0.00
MILLIKEN___1 23584	27.52 0.20 -2.24	25.53 0.16 -1.87	24.68 0.18 -1.96	24.21 0.20 -1.72	25.49 0.21 -1.87	28.10 0.24 -1.22	34.48 0.73 -3.28	47.22 0.97 0.00	49.18 0.73 0.00	45.54 0.36 -0.12	46.91 0.46 0.00	43.27 0.34 0.00	39.38 0.31 0.00	38.69 0.35 0.00	37.11 0.29 0.00	38.61 0.42 0.00	39.65 0.38 -1.25	44.74 0.47 -1.46	49.68 0.86 -0.78	58.30 1.09 0.00	51.79 0.97 0.00	42.43 0.71 0.00	37.89 0.60 0.00	36.04 0.67 0.00
MILLIKEN___2 23585	27.52 0.20 -2.24	25.53 0.16 -1.87	24.68 0.18 -1.96	24.21 0.20 -1.72	25.49 0.21 -1.87	28.10 0.24 -1.22	34.48 0.73 -3.28	47.22 0.97 0.00	49.18 0.73 0.00	45.54 0.36 -0.12	46.91 0.46 0.00	43.27 0.34 0.00	39.38 0.31 0.00	38.69 0.35 0.00	37.11 0.29 0.00	38.61 0.42 0.00	39.65 0.38 -1.25	44.74 0.47 -1.46	49.68 0.86 -0.78	58.30 1.09 0.00	51.79 0.97 0.00	42.43 0.71 0.00	37.89 0.60 0.00	36.04 0.67 0.00
MILLIKEN___DIESEL 23629	27.52 0.20 -2.24	25.53 0.16 -1.87	24.68 0.18 -1.96	24.21 0.20 -1.72	25.49 0.21 -1.87	28.10 0.24 -1.22	34.48 0.73 -3.28	47.22 0.97 0.00	49.18 0.73 0.00	45.54 0.36 -0.12	46.91 0.46 0.00	43.27 0.34 0.00	39.38 0.31 0.00	38.69 0.35 0.00	37.11 0.29 0.00	38.61 0.42 0.00	39.65 0.38 -1.25	44.74 0.47 -1.46	49.68 0.86 -0.78	58.30 1.09 0.00	51.79 0.97 0.00	42.43 0.71 0.00	37.89 0.60 0.00	36.04 0.67 0.00
MILLSEAT___LFGE 323607	25.41 -1.28 -1.61	23.59 -1.25 -1.34	22.80 -1.15 -1.41	22.39 -1.14 -1.23	23.62 -1.12 -1.34	26.21 -1.30 -0.88	31.84 -0.70 -2.08	44.35 -1.90 0.00	45.93 -2.52 0.00	42.62 -2.52 -0.08	43.62 -2.83 0.00	40.52 -2.40 0.00	36.92 -2.15 0.00	36.66 -1.69 0.00	35.16 -1.66 0.00	36.25 -1.95 0.00	36.81 -0.89 0.00	41.19 -2.09 -1.04	46.29 -2.65 -0.55	54.58 -2.31 0.00	48.94 -2.63 0.00	40.14 -1.88 0.00	36.21 -1.59 0.00	34.95 -1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.26 1.13 -11.04	33.80 1.08 -9.23	33.22 0.99 -9.69	31.70 0.94 -8.48	33.61 0.98 -9.22	33.89 1.23 -6.02	48.28 1.61 -16.21	49.91 3.65 0.00	52.38 3.92 0.00	49.45 3.79 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.35 3.28 0.00	41.57 3.22 0.00	39.94 3.13 0.00	41.55 3.36 0.00	47.48 3.12 -6.35	53.60 3.38 -7.42	55.83 3.84 -3.94	61.90 4.69 0.00	54.58 3.76 0.00	44.77 3.05 0.00	39.65 2.35 0.00	37.21 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	37.31 1.18 -11.04	33.83 1.10 -9.23	33.26 1.04 -9.69	31.72 0.96 -8.48	33.66 1.03 -9.22	33.92 1.25 -6.02	48.34 1.68 -16.21	50.00 3.75 0.00	52.48 4.02 0.00	49.54 3.88 -0.61	50.40 3.95 0.00	46.53 3.61 0.00	42.43 3.36 0.00	41.65 3.30 0.00	40.02 3.20 0.00	41.67 3.48 0.00	47.60 3.23 -6.35	53.73 3.51 -7.42	55.97 3.99 -3.94	62.02 4.81 0.00	54.68 3.86 0.00	44.85 3.13 0.00	39.72 2.42 0.00	37.28 1.91 0.00
MODEL_CITY_ENERGY 24167	24.75 -2.03 -1.70	22.96 -1.95 -1.42	22.16 -1.87 -1.49	21.74 -1.85 -1.30	22.95 -1.87 -1.42	25.30 -2.26 -0.93	30.90 -1.77 -2.20	42.55 -3.70 0.00	44.19 -4.26 0.00	41.05 -4.10 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.40 -2.95 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.61 -3.35 -0.94	39.71 -4.19 -1.10	44.59 -4.04 -0.58	52.35 -4.86 0.00	46.91 -3.91 0.00	38.55 -3.17 0.00	34.91 -2.39 0.00	33.82 -1.56 0.00
MODERN_LFGE___ 323580	24.75 -2.03 -1.70	22.96 -1.95 -1.42	22.16 -1.87 -1.49	21.74 -1.85 -1.30	22.95 -1.87 -1.42	25.30 -2.26 -0.93	30.90 -1.77 -2.20	42.55 -3.70 0.00	44.19 -4.26 0.00	41.05 -4.10 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.40 -2.95 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.61 -3.35 -0.94	39.71 -4.19 -1.10	44.59 -4.04 -0.58	52.35 -4.86 0.00	46.91 -3.91 0.00	38.55 -3.17 0.00	34.91 -2.39 0.00	33.82 -1.56 0.00
MOHAWK_PAPER___DRP 24187	39.90 1.10 -13.71	35.94 0.99 -11.45	35.51 0.95 -12.02	33.72 0.91 -10.52	35.82 0.96 -11.45	35.24 1.12 -7.48	52.10 1.52 -20.12	48.80 2.54 0.00	51.12 2.66 0.00	48.26 2.43 -0.77	49.01 2.55 0.00	45.24 2.32 0.00	40.94 1.88 0.00	39.96 1.61 0.00	38.25 1.44 0.00	39.80 1.60 0.00	47.93 1.94 -7.98	54.31 2.18 -9.32	55.54 2.55 -4.96	60.19 2.98 0.00	53.26 2.44 0.00	43.64 1.92 0.00	38.83 1.53 0.00	36.54 1.17 0.00
MOHICAN___35_KV_115KV_LD 80490	40.60 1.48 -14.03	36.56 1.34 -11.73	36.13 1.28 -12.31	34.28 1.23 -10.77	36.42 1.29 -11.72	35.84 1.55 -7.66	52.55 1.49 -20.59	49.26 3.01 0.00	51.75 3.29 0.00	48.68 2.84 -0.78	49.47 3.02 0.00	45.59 2.66 0.00	41.41 2.34 0.00	40.57 2.22 0.00	39.06 2.25 0.00	40.75 2.56 0.00	48.56 2.36 -8.18	55.19 2.83 -9.56	56.30 3.17 -5.08	60.76 3.55 0.00	53.82 3.00 0.00	44.06 2.34 0.00	39.87 2.57 0.00	37.49 2.12 0.00
MONGAUP___HYD 23641	36.18 0.95 -10.14	32.93 0.96 -8.47	32.31 0.88 -8.89	30.87 0.80 -7.78	32.74 0.87 -8.47	33.21 1.04 -5.53	45.49 1.43 -13.59	48.98 2.73 0.00	51.36 2.91 0.00	48.27 2.66 -0.56	49.43 2.98 0.00	45.59 2.66 0.00	41.49 2.42 0.00	40.69 2.34 0.00	39.10 2.28 0.00	40.52 2.33 0.00	46.05 2.20 -5.82	52.18 2.57 -6.80	54.74 3.08 -3.62	60.99 3.78 0.00	53.82 3.00 0.00	44.06 2.34 0.00	39.31 2.01 0.00	37.00 1.63 0.00
MONTAUK___DIESEL 23721	36.84 0.55 -11.21	33.33 0.47 -9.36	32.73 0.36 -9.83	31.07 0.18 -8.60	32.95 0.19 -9.36	33.29 0.53 -6.11	47.61 0.70 -16.45	48.83 2.59 0.01	51.40 2.96 0.01	49.37 3.69 -0.61	50.17 3.72 0.00	46.23 3.31 0.00	42.08 3.01 0.00	41.30 2.95 0.00	39.72 2.91 0.00	41.67 3.48 0.00	47.28 2.81 -6.45	52.94 2.61 -7.53	54.97 2.93 -4.00	60.58 3.38 0.01	53.15 2.34 0.01	44.02 2.29 0.00	38.83 1.53 0.00	36.26 0.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.50 -2.56 -1.98	22.73 -2.42 -1.65	21.89 -2.39 -1.74	21.45 -2.36 -1.52	22.60 -2.46 -1.65	25.14 -2.58 -1.08	31.45 -1.92 -2.90	43.20 -3.05 0.00	45.21 -3.25 0.00	41.06 -3.48 -0.10	42.97 -3.18 0.00	39.75 -3.18 0.00	36.18 -2.89 0.00	35.85 -2.49 0.00	34.24 -2.58 0.00	35.71 -2.48 0.00	35.97 -3.16 -1.10	40.58 -3.51 -1.29	45.75 -2.98 -0.69	54.92 -2.29 0.00	49.30 -1.52 0.00	40.55 -1.17 0.00	36.33 -0.97 0.00	35.23 -0.14 0.00

MORRIS_RIDGE___SOLAR 323848	25.36 -2.01 -2.28	23.47 -1.93 -1.91	22.72 -1.83 -2.00	22.26 -1.78 -1.75	23.49 -1.83 -1.91	25.76 -2.13 -1.24	31.74 -1.71 -2.98	43.38 -2.87 0.00	44.87 -3.59 0.00	41.17 -4.01 -0.12	42.64 -3.81 0.00	39.75 -3.18 0.00	36.18 -2.89 0.00	35.63 -2.72 0.00	34.09 -2.72 0.00	35.17 -3.02 0.00	36.03 -3.27 -1.28	40.66 -3.64 -1.49	45.57 -3.27 -0.79	53.78 -3.43 0.00	48.13 -2.70 0.00	39.43 -2.29 0.00	35.40 -1.90 0.00	34.03 -1.34 0.00
MORTIMER_115KV_TB3 55949	25.73 -0.73 -1.38	23.94 -0.70 -1.15	23.07 -0.68 -1.21	22.68 -0.67 -1.06	23.83 -0.73 -1.15	26.52 -0.88 -0.75	32.21 -0.27 -2.02	44.96 -1.30 0.00	46.76 -1.70 0.00	43.64 -1.49 -0.07	44.73 -1.72 0.00	41.34 -1.59 0.00	37.78 -1.29 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	37.12 -1.07 0.00	37.67 -1.10 -0.76	42.11 -1.58 -0.89	47.17 -1.35 -0.47	55.32 -1.89 0.00	49.40 -1.42 0.00	40.51 -1.21 0.00	36.48 -0.82 0.00	34.98 -0.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.97 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.75 1.83 -16.46	50.41 4.16 0.00	52.91 4.46 0.00	50.00 4.33 -0.61	50.77 4.32 0.00	46.87 3.95 0.00	42.74 3.67 0.00	41.99 3.64 0.00	40.35 3.53 0.00	41.97 3.78 0.00	48.00 3.54 -6.45	54.15 3.81 -7.53	56.37 4.32 -4.01	62.53 5.32 0.00	55.04 4.22 0.00	45.18 3.46 0.00	39.98 2.69 0.00	37.49 2.12 0.00
MUNSVILLE_WIND_PWR 323609	29.08 0.55 -3.44	26.98 0.61 -2.88	26.15 0.59 -3.02	25.55 0.62 -2.64	26.82 0.54 -2.88	29.37 0.85 -1.88	36.30 1.34 -4.50	48.66 2.40 0.00	50.73 2.28 0.00	46.51 1.26 -0.19	48.08 1.62 0.00	44.34 1.41 0.00	40.47 1.40 0.00	39.77 1.42 0.00	38.33 1.51 0.00	39.91 1.72 0.00	41.62 1.67 -1.93	47.11 2.05 -2.25	52.22 2.98 -1.20	60.93 3.72 0.00	53.62 2.79 0.00	43.89 2.17 0.00	38.98 1.68 0.00	37.00 1.63 0.00
N SALMON___HYD 24042	24.08 -1.00 0.00	22.51 -0.99 0.00	21.60 -0.95 0.00	21.26 -1.02 0.00	22.38 -1.03 0.00	48.36 -1.14 -22.87	54.38 -1.43 -25.35	79.29 -1.85 -34.89	82.07 -1.79 -35.41	77.06 -1.49 -33.48	44.92 -1.53 0.00	41.59 -1.33 0.00	37.74 -1.33 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	36.78 -1.41 0.00	62.37 -1.44 -25.80	74.43 -1.37 -33.00	82.40 -1.73 -36.09	55.33 -1.89 0.00	49.91 -0.91 0.00	40.89 -0.83 0.00	36.63 -0.67 0.00	34.84 -0.53 0.00
N.AKRON__115KV_KNAPP 355671	25.38 -1.33 -1.63	23.61 -1.25 -1.36	22.75 -1.22 -1.43	22.33 -1.20 -1.25	23.45 -1.31 -1.36	25.99 -1.55 -0.89	32.06 -0.79 -2.39	44.17 -2.08 0.00	45.79 -2.66 0.00	42.44 -2.70 -0.09	43.66 -2.79 0.00	40.39 -2.53 0.00	36.92 -2.15 0.00	36.54 -1.80 0.00	35.05 -1.77 0.00	36.32 -1.87 0.00	36.79 -2.13 -0.90	41.03 -2.83 -1.05	46.15 -2.45 -0.56	54.35 -2.86 0.00	48.79 -2.03 0.00	39.97 -1.75 0.00	36.10 -1.19 0.00	34.84 -0.53 0.00
N.BELMOR_69_KV_BK1 55787	37.17 0.88 -11.21	33.68 0.82 -9.36	33.09 0.72 -9.83	31.51 0.62 -8.60	33.45 0.68 -9.36	33.69 0.93 -6.11	48.13 1.22 -16.45	49.48 3.24 0.01	51.89 3.44 0.01	49.32 3.65 -0.61	50.49 4.04 0.00	46.70 3.78 0.00	42.62 3.56 0.00	41.88 3.53 0.00	40.24 3.42 0.00	42.09 3.90 0.00	47.85 3.38 -6.45	53.63 3.30 -7.53	55.79 3.75 -4.00	61.67 4.46 0.01	54.27 3.46 0.01	44.85 3.13 0.00	39.72 2.42 0.00	36.86 1.49 0.00
N.E_GEN_SANDY PD 24062	38.75 1.13 -12.54	35.00 1.03 -10.47	34.55 1.02 -10.99	32.89 0.98 -9.62	34.91 1.03 -10.47	36.35 1.25 -8.45	48.92 1.58 -16.87	57.41 3.98 -7.18	56.12 4.21 -3.45	54.00 3.97 -4.97	55.39 4.09 -4.85	55.66 3.69 -9.04	49.65 3.40 -7.18	47.02 3.30 -5.37	46.21 3.20 -6.19	49.38 3.47 -7.71	47.95 2.70 -7.23	54.25 3.00 -8.45	57.00 3.41 -5.55	61.33 4.12 0.00	54.12 3.30 0.00	44.39 2.67 0.00	39.42 2.12 0.00	37.00 1.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.85 1.03 -10.74	33.48 1.01 -8.97	32.88 0.92 -9.42	31.38 0.85 -8.24	33.29 0.91 -8.97	33.65 1.15 -5.86	47.74 1.52 -15.76	49.72 3.47 0.00	52.23 3.78 0.00	49.30 3.65 -0.59	50.12 3.67 0.00	46.27 3.35 0.00	42.19 3.13 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.40 3.21 0.00	47.16 2.97 -6.17	53.27 3.25 -7.21	55.57 3.70 -3.84	61.73 4.52 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.50 2.20 0.00	37.11 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	37.66 1.35 -11.22	34.16 1.29 -9.38	33.58 1.19 -9.84	32.04 1.14 -8.61	33.98 1.19 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.50 4.26 0.01	53.05 4.60 0.01	50.08 4.42 -0.61	50.86 4.41 0.01	46.99 4.08 0.01	42.85 3.79 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.22 3.90 -7.52	56.47 4.42 -4.01	62.70 5.49 0.01	55.14 4.32 0.00	45.30 3.59 0.01	40.05 2.76 0.01	37.53 2.16 0.00
N.TROY___115KV_TB1 355778	39.97 1.10 -13.79	36.04 1.03 -11.52	35.58 0.95 -12.09	33.80 0.94 -10.58	35.90 0.98 -11.51	35.34 1.17 -7.52	52.27 1.58 -20.23	49.40 3.15 0.00	51.65 3.20 0.00	48.76 2.93 -0.77	49.47 3.02 0.00	45.67 2.75 0.00	41.45 2.38 0.00	40.61 2.26 0.00	38.99 2.17 0.00	40.56 2.37 0.00	48.36 2.32 -8.03	54.80 2.61 -9.38	56.01 2.98 -4.99	60.70 3.49 0.00	53.67 2.85 0.00	43.97 2.25 0.00	39.20 1.90 0.00	36.86 1.49 0.00
NARROWS_GT1_1 24228	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_2 24229	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_3 24230	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_4 24231	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41

NARROWS_GT1_5 24232	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_6 24233	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_7 24234	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT1_8 24235	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_1 24236	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_2 24237	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_3 24238	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_4 24239	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_5 24240	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_6 24241	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_7 24242	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NARROWS_GT2_8 24243	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.06 0.98 -13.00	35.29 0.94 -10.86	34.82 0.88 -11.40	33.09 0.82 -9.97	35.13 0.87 -10.85	34.75 1.01 -7.09	51.06 1.52 -19.07	49.44 3.19 0.00	51.75 3.29 0.00	48.08 2.30 -0.72	49.38 2.93 0.00	45.50 2.58 0.00	41.10 2.03 0.00	40.00 1.65 0.00	38.25 1.44 0.00	39.80 1.60 0.00	47.01 1.48 -7.51	53.38 1.80 -8.78	54.97 2.26 -4.67	60.70 3.49 0.00	53.62 2.80 0.00	43.89 2.17 0.00	39.05 1.75 0.00	36.79 1.41 0.00
NCHELSEA_115KV_TR2 355582	37.39 1.15 -11.16	33.97 1.15 -9.32	33.38 1.06 -9.78	31.83 0.98 -8.56	33.78 1.05 -9.32	33.98 1.25 -6.09	48.54 1.71 -16.37	50.00 3.75 0.00	52.52 4.07 0.00	49.54 3.88 -0.61	50.45 3.99 0.00	46.53 3.61 0.00	42.39 3.32 0.00	41.61 3.26 0.00	39.98 3.17 0.00	41.59 3.40 0.00	47.61 3.19 -6.40	53.83 3.55 -7.47	56.10 4.08 -3.97	62.13 4.92 0.00	54.74 3.91 0.00	44.85 3.13 0.00	39.76 2.46 0.00	37.35 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	40.39 1.35 -13.95	36.37 1.22 -11.65	35.94 1.17 -12.23	34.13 1.14 -10.70	36.25 1.19 -11.65	35.66 1.41 -7.61	51.32 2.07 -18.78	50.23 3.98 0.00	52.19 3.73 0.00	49.17 3.33 -0.78	49.94 3.49 0.00	46.06 3.13 0.00	41.84 2.77 0.00	40.99 2.64 0.00	39.43 2.61 0.00	41.09 2.90 0.00	48.87 2.74 -8.12	55.45 3.17 -9.48	56.57 3.46 -5.07	61.22 4.00 0.00	54.23 3.41 0.00	44.39 2.67 0.00	39.65 2.35 0.00	37.32 1.94 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.43 -0.98 -1.33	23.64 -0.96 -1.11	22.80 -0.90 -1.16	22.44 -0.87 -1.02	23.63 -0.89 -1.11	26.36 -1.01 -0.72	31.56 -0.61 -1.71	44.63 -1.62 0.00	46.47 -1.99 0.00	43.32 -1.80 -0.07	44.41 -2.04 0.00	41.08 -1.84 0.00	37.46 -1.60 0.00	36.97 -1.38 0.00	35.49 -1.32 0.00	36.74 -1.45 0.00	37.34 -1.41 -0.73	41.86 -1.80 -0.85	46.77 -1.73 -0.45	54.86 -2.35 0.00	48.99 -1.83 0.00	40.09 -1.63 0.00	36.10 -1.19 0.00	34.52 -0.85 0.00
NEG CENTRAL___DRP 24199	26.24 -0.30 -1.46	24.40 -0.31 -1.22	23.52 -0.29 -1.28	23.14 -0.27 -1.12	24.34 -0.28 -1.22	27.14 -0.29 -0.79	32.81 0.21 -2.14	46.25 0.00 0.00	48.12 -0.34 0.00	44.55 -0.59 -0.08	45.94 -0.51 0.00	42.45 -0.47 0.00	38.64 -0.43 0.00	38.00 -0.35 0.00	36.45 -0.37 0.00	37.89 -0.31 0.00	38.36 -0.46 -0.80	43.23 -0.51 -0.94	48.30 -0.24 -0.50	56.87 -0.34 0.00	50.72 -0.10 0.00	41.51 -0.21 0.00	37.19 -0.11 0.00	35.44 0.07 0.00
NEG CENTRAL___INDECK 23768	26.41 -0.63 -1.95	24.44 -0.68 -1.63	23.65 -0.61 -1.71	23.21 -0.58 -1.50	24.50 -0.54 -1.63	27.15 -0.56 -1.06	33.06 0.06 -2.54	45.79 -0.46 0.00	47.15 -1.31 0.00	43.36 -1.80 -0.10	44.41 -2.04 0.00	41.21 -1.72 0.00	37.46 -1.60 0.00	36.97 -1.38 0.00	35.45 -1.36 0.00	36.66 -1.53 0.00	37.55 -1.56 -1.09	42.41 -1.67 -1.27	47.80 -0.91 -0.68	56.53 -0.68 0.00	50.62 -0.20 0.00	41.30 -0.42 0.00	37.15 -0.15 0.00	35.55 0.18 0.00
NEG CENTRAL___SENECA 23627	26.28 -0.43 -1.62	24.40 -0.45 -1.35	23.53 -0.43 -1.42	23.13 -0.40 -1.24	24.36 -0.40 -1.35	27.07 -0.45 -0.88	32.99 0.15 -2.37	46.21 -0.05 0.00	48.02 -0.44 0.00	44.38 -0.77 -0.08	45.80 -0.65 0.00	42.28 -0.64 0.00	38.52 -0.55 0.00	37.89 -0.46 0.00	36.34 -0.48 0.00	37.77 -0.42 0.00	38.31 -0.61 -0.90	43.17 -0.68 -1.05	48.31 -0.29 -0.56	56.70 -0.51 0.00	50.72 -0.10 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.44 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	26.43 -0.08 -1.42	24.58 -0.09 -1.18	23.69 -0.09 -1.24	23.31 -0.07 -1.09	24.54 -0.05 -1.18	27.34 -0.08 -0.77	32.91 0.37 -2.08	46.53 0.28 0.00	48.45 0.00 0.00	45.00 -0.14 -0.07	46.36 -0.09 0.00	42.84 -0.09 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.78 -0.04 0.00	38.23 0.04 0.00	38.76 -0.04 -0.78	43.68 -0.04 -0.91	48.67 0.14 -0.49	57.38 0.17 0.00	51.03 0.20 0.00	41.81 0.08 0.00	37.41 0.11 0.00	35.62 0.25 0.00
NEG MILLWOOD___DRP 24198	37.66 1.30 -11.27	34.16 1.25 -9.42	33.60 1.17 -9.88	32.03 1.09 -8.65	33.97 1.15 -9.41	34.18 1.39 -6.15	48.89 1.89 -16.54	50.23 3.98 0.00	52.82 4.36 0.00	49.78 4.10 -0.62	50.72 4.27 0.00	46.83 3.91 0.00	42.70 3.63 0.00	41.88 3.53 0.00	40.28 3.46 0.00	41.90 3.70 0.00	47.99 3.50 -6.48	54.18 3.81 -7.57	56.39 4.32 -4.02	62.36 5.15 0.00	55.04 4.22 0.00	45.10 3.38 0.00	39.95 2.65 0.00	37.49 2.12 0.00
NEG NORTH_FLCN_SEA 23793	24.23 -0.85 0.00	22.62 -0.87 0.00	21.68 -0.86 0.00	21.38 -0.91 0.00	22.49 -0.91 0.00	-6.73 -1.09 32.28	-6.82 -1.49 35.79	-6.82 -2.08 50.99	-5.03 -1.74 51.74	-5.31 -1.44 48.93	44.96 -1.49 0.00	41.72 -1.20 0.00	37.82 -1.25 0.00	37.27 -1.07 0.00	35.82 -0.99 0.00	36.89 -1.30 0.00	-0.34 -1.29 37.07	-5.35 -1.33 46.83	-4.86 -1.68 51.21	55.27 -1.95 0.00	49.86 -0.97 0.00	40.93 -0.79 0.00	36.70 -0.60 0.00	34.91 -0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	23.98 -1.10 0.00	22.37 -1.13 0.00	21.44 -1.10 0.00	21.13 -1.16 0.00	22.21 -1.19 0.00	-9.81 -1.31 35.15	-10.15 -1.64 38.96	-11.42 -2.31 55.36	-10.00 -2.28 56.18	-10.05 -1.98 53.12	44.41 -2.04 0.00	41.21 -1.72 0.00	37.35 -1.72 0.00	36.81 -1.53 0.00	35.38 -1.44 0.00	36.43 -1.76 0.00	-4.15 -1.82 40.34	-10.00 -1.84 50.96	-10.00 -2.31 55.73	54.52 -2.69 0.00	49.09 -1.73 0.00	40.34 -1.38 0.00	36.22 -1.08 0.00	34.45 -0.92 0.00
NEG NORTH___ALICE_FALLS 23915	24.33 -0.75 0.00	22.72 -0.78 0.00	21.77 -0.77 0.00	21.46 -0.82 0.00	22.59 -0.82 0.00	-6.47 -0.85 32.28	-6.51 -1.19 35.79	-6.31 -1.57 50.99	-4.60 -1.31 51.74	-4.91 -1.04 48.93	45.29 -1.16 0.00	41.98 -0.94 0.00	38.05 -1.02 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.16 -1.03 0.00	0.00 -0.95 37.07	-4.93 -0.90 46.83	-4.38 -1.20 51.21	55.78 -1.43 0.00	50.36 -0.46 0.00	41.30 -0.42 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
NEG NORTH___LWR_SARANAC 23913	24.33 -0.75 0.00	22.72 -0.78 0.00	21.77 -0.77 0.00	21.46 -0.82 0.00	22.59 -0.82 0.00	-6.47 -0.83 32.28	-6.51 -1.19 35.79	-6.31 -1.57 50.99	-4.60 -1.31 51.74	-4.91 -1.04 48.93	45.29 -1.16 0.00	41.98 -0.94 0.00	38.05 -1.02 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.16 -1.03 0.00	0.00 -0.95 37.07	-4.93 -0.90 46.83	-4.38 -1.20 51.21	55.78 -1.43 0.00	50.36 -0.46 0.00	41.30 -0.42 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
NEG NORTH___PLATTSBURG 23628	24.33 -0.75 0.00	22.72 -0.77 0.00	21.77 -0.77 0.00	21.47 -0.82 0.00	22.59 -0.82 0.00	-6.55 -0.85 32.34	-6.42 -1.04 35.85	-6.31 -1.57 50.99	-4.84 -1.55 51.74	-5.08 -1.21 48.93	45.29 -1.16 0.00	41.98 -0.94 0.00	38.05 -1.02 0.00	37.54 -0.81 0.00	36.04 -0.77 0.00	37.16 -1.03 0.00	0.00 -0.95 37.07	-4.93 -0.90 46.83	-4.37 -1.20 51.21	55.78 -1.43 0.00	50.36 -0.46 0.00	41.30 -0.42 0.00	36.96 -0.34 0.00	35.16 -0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	24.92 -1.86 -1.69	23.19 -1.72 -1.41	22.31 -1.71 -1.48	21.89 -1.69 -1.30	22.99 -1.83 -1.41	25.41 -2.16 -0.92	31.45 -1.49 -2.48	42.97 -3.28 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.59 -3.86 0.00	39.49 -3.43 0.00	36.10 -2.97 0.00	35.70 -2.65 0.00	34.20 -2.61 0.00	35.48 -2.71 0.00	35.95 -3.00 -0.94	40.05 -3.85 -1.09	44.97 -3.65 -0.58	52.86 -4.35 0.00	47.42 -3.41 0.00	38.93 -2.80 0.00	35.21 -2.09 0.00	34.13 -1.24 0.00
NEG WEST___LANCASTER 23811	24.61 -2.43 -1.95	22.85 -2.28 -1.63	22.02 -2.23 -1.71	21.58 -2.21 -1.50	22.68 -2.36 -1.63	25.05 -2.66 -1.07	31.17 -2.16 -2.87	43.71 -2.54 0.00	45.50 -2.96 0.00	40.30 -4.87 -0.11	43.38 -3.07 0.00	40.22 -2.70 0.00	36.65 -2.42 0.00	36.28 -2.07 0.00	34.75 -2.06 0.00	36.05 -2.14 0.00	35.15 -3.99 -1.12	39.36 -4.75 -1.31	44.03 -4.71 -0.70	54.18 -3.03 0.00	48.48 -2.34 0.00	39.84 -1.88 0.00	35.73 -1.57 0.00	34.56 -0.81 0.00
NEG_PENN_ALLEGHNY 23528	28.41 -0.25 -3.57	26.25 -0.23 -2.99	25.45 -0.23 -3.13	24.83 -0.20 -2.74	26.18 -0.21 -2.99	28.35 -0.24 -1.95	35.36 0.18 -4.71	46.71 0.46 0.00	48.70 0.24 0.00	45.16 -0.09 -0.19	46.64 0.19 0.00	43.10 0.17 0.00	39.07 0.00 0.00	38.39 0.04 0.00	36.85 0.04 0.00	38.27 0.08 0.00	39.92 -0.11 -2.02	44.99 -0.17 -2.36	49.34 0.05 -1.25	57.56 0.35 0.00	51.13 0.31 0.00	41.89 0.17 0.00	37.41 0.11 0.00	35.62 0.25 0.00
NEG___GEN_MONROE 24207	25.70 -0.78 -1.39	23.93 -0.73 -1.16	23.04 -0.72 -1.22	22.67 -0.69 -1.07	23.84 -0.73 -1.16	26.55 -0.85 -0.76	32.29 -0.21 -2.04	45.05 -1.20 0.00	46.71 -1.74 0.00	43.46 -1.67 -0.07	44.55 -1.90 0.00	41.08 -1.85 0.00	37.51 -1.56 0.00	37.04 -1.30 0.00	35.53 -1.29 0.00	36.85 -1.34 0.00	37.41 -1.37 -0.77	41.86 -1.84 -0.89	46.98 -1.54 -0.48	55.27 -1.95 0.00	49.40 -1.42 0.00	40.55 -1.17 0.00	36.51 -0.78 0.00	35.09 -0.28 0.00

NEPA__ENERGY 23901	25.28 -1.81 -2.00	23.49 -1.67 -1.67	22.63 -1.67 -1.75	22.17 -1.65 -1.53	23.32 -1.76 -1.67	25.79 -1.94 -1.09	32.08 -1.31 -2.93	44.03 -2.22 0.00	45.84 -2.62 0.00	41.88 -3.29 -0.11	43.62 -2.83 0.00	40.48 -2.45 0.00	36.88 -2.19 0.00	36.51 -1.84 0.00	34.94 -1.88 0.00	36.32 -1.87 0.00	36.51 -2.62 -1.11	40.98 -3.12 -1.30	45.90 -2.83 -0.69	54.81 -2.40 0.00	49.09 -1.73 0.00	40.30 -1.42 0.00	36.18 -1.12 0.00	35.02 -0.35 0.00
NEVERSINK__HYD 23608	36.01 0.83 -10.10	32.78 0.84 -8.44	32.17 0.77 -8.86	30.75 0.71 -7.75	32.59 0.75 -8.44	33.09 0.93 -5.51	45.32 1.31 -13.55	49.17 2.92 0.00	51.70 3.25 0.00	48.63 3.02 -0.55	49.61 3.16 0.00	45.71 2.79 0.00	41.65 2.58 0.00	40.84 2.49 0.00	39.24 2.43 0.00	40.90 2.71 0.00	46.33 2.51 -5.80	52.41 2.82 -6.78	55.01 3.36 -3.61	61.33 4.12 0.00	54.03 3.20 0.00	44.27 2.55 0.00	39.24 1.94 0.00	36.93 1.55 0.00
NEWKRMKL_115KV_TB1 55635	39.83 1.05 -13.69	35.89 0.96 -11.44	35.47 0.92 -12.00	33.69 0.89 -10.50	35.78 0.94 -11.43	35.18 1.07 -7.47	52.04 1.49 -20.09	48.84 2.59 0.00	51.12 2.66 0.00	48.30 2.48 -0.76	49.01 2.55 0.00	45.29 2.36 0.00	40.90 1.84 0.00	39.77 1.42 0.00	37.96 1.14 0.00	39.45 1.26 0.00	47.53 1.56 -7.96	53.85 1.75 -9.29	55.00 2.02 -4.94	59.56 2.35 0.00	52.70 1.88 0.00	43.18 1.46 0.00	38.42 1.12 0.00	36.11 0.74 0.00
NEWTON__FALLS_HYD 23847	24.18 -1.20 -0.30	22.67 -1.08 -0.25	21.77 -1.04 -0.26	21.50 -1.03 -0.23	22.61 -1.05 -0.25	29.33 -1.12 -3.81	33.57 -1.37 -4.48	50.07 -1.71 -5.53	52.23 -1.84 -5.61	48.49 -1.89 -5.32	44.55 -1.90 0.00	41.12 -1.80 0.00	37.43 -1.64 0.00	36.78 -1.57 0.00	35.34 -1.47 0.00	36.51 -1.68 0.00	40.34 -1.75 -4.07	46.54 -1.67 -5.41	52.13 -1.73 -5.82	55.27 -1.95 0.00	49.30 -1.52 0.00	40.39 -1.34 0.00	36.03 -1.27 0.00	34.17 -1.20 0.00
NGRID_A1_DSASP 323792	24.81 -1.98 -1.71	23.04 -1.88 -1.43	22.23 -1.80 -1.50	21.79 -1.80 -1.31	23.01 -1.83 -1.43	25.34 -2.24 -0.93	31.00 -1.68 -2.21	42.51 -3.74 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.43 -2.92 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.69 -3.27 -0.95	39.76 -4.15 -1.10	44.59 -4.04 -0.59	52.18 -5.04 0.00	46.75 -4.07 0.00	38.47 -3.25 0.00	34.83 -2.46 0.00	33.82 -1.56 0.00
NGRID_A2_DSASP 323793	24.81 -1.98 -1.71	23.04 -1.88 -1.43	22.23 -1.80 -1.50	21.79 -1.80 -1.31	23.01 -1.83 -1.43	25.34 -2.24 -0.93	31.00 -1.68 -2.21	42.51 -3.74 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.43 -2.92 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.69 -3.27 -0.95	39.76 -4.15 -1.10	44.59 -4.04 -0.59	52.18 -5.04 0.00	46.75 -4.07 0.00	38.47 -3.25 0.00	34.83 -2.46 0.00	33.82 -1.56 0.00
NGRID_A4_DSASP 323807	24.81 -1.98 -1.71	23.04 -1.88 -1.43	22.23 -1.80 -1.50	21.79 -1.80 -1.31	23.01 -1.83 -1.43	25.34 -2.24 -0.93	31.00 -1.68 -2.21	42.51 -3.74 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.43 -2.92 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.69 -3.27 -0.95	39.76 -4.15 -1.10	44.59 -4.04 -0.59	52.18 -5.04 0.00	46.75 -4.07 0.00	38.47 -3.25 0.00	34.83 -2.46 0.00	33.82 -1.56 0.00
NIAGARA_115E_LBMP 323715	24.64 -2.16 -1.71	22.88 -2.04 -1.43	22.08 -1.96 -1.50	21.66 -1.94 -1.31	22.87 -1.97 -1.43	25.18 -2.40 -0.93	30.76 -1.92 -2.22	42.32 -3.93 0.00	43.95 -4.50 0.00	40.87 -4.28 -0.09	41.81 -4.64 0.00	38.93 -3.99 0.00	35.51 -3.55 0.00	35.20 -3.14 0.00	33.76 -3.06 0.00	34.83 -3.36 0.00	35.43 -3.53 -0.95	39.50 -4.41 -1.11	44.30 -4.32 -0.59	52.01 -5.21 0.00	46.60 -4.22 0.00	38.30 -3.42 0.00	34.69 -2.61 0.00	33.64 -1.73 0.00
NIAGARA_115W_LBMP 323714	24.73 -2.06 -1.70	22.97 -1.95 -1.42	22.17 -1.87 -1.49	21.75 -1.85 -1.31	22.96 -1.87 -1.42	25.25 -2.32 -0.93	30.87 -1.80 -2.21	42.41 -3.84 0.00	44.05 -4.41 0.00	41.00 -4.14 -0.09	41.90 -4.55 0.00	39.02 -3.91 0.00	35.63 -3.44 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	34.91 -3.28 0.00	35.58 -3.38 -0.94	39.63 -4.28 -1.10	44.45 -4.18 -0.59	52.06 -5.15 0.00	46.60 -4.22 0.00	38.34 -3.38 0.00	34.72 -2.57 0.00	33.67 -1.70 0.00
NIAGARA_230_LBMP 323716	24.91 -1.86 -1.69	23.14 -1.76 -1.41	22.33 -1.69 -1.48	21.91 -1.67 -1.29	23.13 -1.69 -1.41	25.46 -2.11 -0.92	31.16 -1.49 -2.18	42.83 -3.42 0.00	44.48 -3.97 0.00	41.36 -3.78 -0.09	42.32 -4.13 0.00	39.41 -3.52 0.00	35.98 -3.09 0.00	35.63 -2.72 0.00	34.16 -2.65 0.00	35.25 -2.94 0.00	35.91 -3.04 -0.93	40.00 -3.89 -1.09	44.82 -3.80 -0.58	52.58 -4.63 0.00	47.11 -3.71 0.00	38.72 -3.00 0.00	35.06 -2.24 0.00	33.99 -1.38 0.00
NIAGARA__115KV_198_GIBSON 55903	24.73 -2.06 -1.70	23.04 -1.88 -1.42	22.16 -1.87 -1.49	21.75 -1.85 -1.31	22.82 -2.01 -1.42	25.18 -2.40 -0.93	31.20 -1.77 -2.50	42.41 -3.84 0.00	44.05 -4.41 0.00	41.00 -4.15 -0.09	42.08 -4.37 0.00	39.06 -3.86 0.00	35.71 -3.36 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	35.10 -3.09 0.00	35.65 -3.31 -0.94	39.58 -4.32 -1.10	44.45 -4.18 -0.59	52.06 -5.15 0.00	46.60 -4.22 0.00	38.34 -3.38 0.00	34.72 -2.57 0.00	33.67 -1.70 0.00
NIAGARA____ 23760	24.94 -1.86 -1.71	23.16 -1.76 -1.43	22.35 -1.69 -1.50	21.93 -1.67 -1.31	23.15 -1.69 -1.43	25.47 -2.11 -0.93	31.18 -1.49 -2.21	42.83 -3.42 0.00	44.48 -3.97 0.00	41.36 -3.78 -0.09	42.32 -4.13 0.00	39.41 -3.52 0.00	35.98 -3.09 0.00	35.63 -2.72 0.00	34.16 -2.65 0.00	35.25 -2.94 0.00	35.91 -3.04 -0.94	40.01 -3.89 -1.10	44.83 -3.80 -0.58	52.58 -4.63 0.00	47.11 -3.71 0.00	38.72 -3.00 0.00	35.06 -2.24 0.00	33.99 -1.38 0.00
NINE_MILE_1 23575	25.20 -0.55 -0.67	23.51 -0.54 -0.56	22.61 -0.52 -0.59	22.31 -0.49 -0.51	23.45 -0.52 -0.56	26.42 -0.59 -0.36	30.83 -0.46 -0.83	45.05 -1.20 0.00	47.05 -1.41 0.00	43.74 -1.35 -0.03	45.06 -1.39 0.00	41.64 -1.29 0.00	37.93 -1.13 0.00	37.23 -1.11 0.00	35.75 -1.07 0.00	37.08 -1.11 0.00	37.27 -1.10 -0.35	41.93 -1.28 -0.41	46.92 -1.34 -0.22	55.61 -1.60 0.00	49.45 -1.37 0.00	40.68 -1.04 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
NINE_MILE_2 23744	25.20 -0.55 -0.67	23.51 -0.54 -0.56	22.61 -0.52 -0.59	22.31 -0.49 -0.51	23.45 -0.52 -0.56	26.42 -0.59 -0.36	30.83 -0.46 -0.83	45.05 -1.20 0.00	47.05 -1.41 0.00	43.74 -1.35 -0.03	45.06 -1.39 0.00	41.64 -1.29 0.00	37.93 -1.13 0.00	37.23 -1.11 0.00	35.75 -1.07 0.00	37.08 -1.11 0.00	37.27 -1.10 -0.35	41.93 -1.28 -0.41	46.92 -1.34 -0.22	55.61 -1.60 0.00	49.40 -1.42 0.00	40.68 -1.04 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
NM_CAPITAL__DRP 24208	39.76 1.03 -13.65	35.84 0.94 -11.41	35.41 0.90 -11.97	33.66 0.89 -10.48	35.72 0.91 -11.40	35.16 1.07 -7.45	51.96 1.46 -20.03	48.70 2.45 0.00	51.02 2.57 0.00	48.21 2.39 -0.76	48.91 2.46 0.00	45.16 2.23 0.00	40.83 1.76 0.00	39.80 1.46 0.00	38.03 1.21 0.00	39.53 1.34 0.00	47.66 1.71 -7.93	54.00 1.93 -9.27	55.13 2.16 -4.93	59.79 2.57 0.00	52.85 2.03 0.00	43.31 1.59 0.00	38.57 1.27 0.00	36.26 0.88 0.00

NM_CENTRAL___DRP 24181	25.95 -0.13 -0.99	24.18 -0.14 -0.83	23.28 -0.14 -0.87	22.94 -0.11 -0.76	24.12 -0.12 -0.83	27.05 -0.13 -0.54	32.10 0.18 -1.46	46.16 -0.09 0.00	48.16 -0.29 0.00	44.75 -0.36 -0.05	46.17 -0.28 0.00	42.67 -0.26 0.00	38.83 -0.23 0.00	38.16 -0.19 0.00	36.59 -0.22 0.00	38.04 -0.15 0.00	38.33 -0.23 -0.54	43.09 -0.34 -0.63	48.13 -0.24 -0.34	56.87 -0.34 0.00	50.47 -0.36 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.34 -0.04 0.00
NM_FRONTIER___DRP 24179	24.73 -2.06 -1.70	23.04 -1.88 -1.42	22.16 -1.87 -1.49	21.75 -1.85 -1.31	22.82 -2.01 -1.42	25.18 -2.40 -0.93	31.20 -1.77 -2.50	42.41 -3.84 0.00	44.05 -4.41 0.00	41.00 -4.15 -0.09	42.08 -4.37 0.00	39.06 -3.86 0.00	35.71 -3.36 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	35.10 -3.09 0.00	35.65 -3.31 -0.94	39.58 -4.32 -1.10	44.45 -4.18 -0.59	52.06 -5.15 0.00	46.60 -4.22 0.00	38.34 -3.38 0.00	34.72 -2.57 0.00	33.67 -1.70 0.00
NM_ST_REGIS___HYD 24053	23.85 -1.23 0.00	22.34 -1.15 0.00	21.44 -1.10 0.00	21.15 -1.14 0.00	22.24 -1.17 0.00	34.39 -1.23 -8.97	38.76 -1.64 -9.94	57.67 -2.22 -13.64	60.11 -2.18 -13.84	56.21 -1.94 -13.09	44.50 -1.95 0.00	41.12 -1.80 0.00	37.39 -1.68 0.00	36.81 -1.53 0.00	35.34 -1.47 0.00	36.36 -1.83 0.00	46.08 -1.82 -9.89	54.03 -1.67 -12.90	60.13 -2.02 -14.10	54.92 -2.29 0.00	49.40 -1.42 0.00	40.47 -1.25 0.00	36.22 -1.08 0.00	34.42 -0.96 0.00
NORTHPORT___1 23551	36.87 0.58 -11.21	33.40 0.54 -9.36	32.84 0.47 -9.83	31.27 0.38 -8.60	33.16 0.40 -9.36	33.42 0.67 -6.11	46.38 0.88 -15.04	48.97 2.73 0.01	51.21 2.76 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.43 3.36 0.00	41.60 3.26 0.00	39.98 3.17 0.00	41.86 3.67 0.00	47.66 3.19 -6.45	52.98 2.65 -7.53	55.21 3.17 -4.00	60.75 3.55 0.01	53.51 2.69 0.01	44.52 2.80 0.00	39.35 2.05 0.00	36.50 1.13 0.00
NORTHPORT___2 23552	36.87 0.58 -11.21	33.40 0.54 -9.36	32.84 0.47 -9.83	31.27 0.38 -8.60	33.16 0.40 -9.36	33.42 0.67 -6.11	46.38 0.88 -15.04	48.97 2.73 0.01	51.21 2.76 0.01	49.01 3.33 -0.61	50.26 3.81 0.00	46.44 3.52 0.00	42.43 3.36 0.00	41.60 3.26 0.00	39.98 3.17 0.00	41.86 3.67 0.00	47.66 3.19 -6.45	52.98 2.65 -7.53	55.21 3.17 -4.00	60.75 3.55 0.01	53.51 2.69 0.01	44.52 2.80 0.00	39.35 2.05 0.00	36.50 1.13 0.00
NORTHPORT___3 23553	37.25 0.95 -11.21	33.70 0.84 -9.36	33.16 0.79 -9.83	31.58 0.69 -8.60	33.49 0.73 -9.36	33.77 1.01 -6.11	46.84 1.34 -15.04	49.67 3.42 0.01	52.08 3.64 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.11 3.76 0.00	40.46 3.65 0.00	42.32 4.13 0.00	48.11 3.65 -6.45	53.79 3.47 -7.53	56.02 3.99 -4.00	61.90 4.69 0.01	54.48 3.66 0.01	45.06 3.34 0.00	39.80 2.50 0.00	36.97 1.59 0.00
NORTHPORT___4 23650	37.25 0.95 -11.21	33.70 0.84 -9.36	33.16 0.79 -9.83	31.58 0.69 -8.60	33.49 0.73 -9.36	33.77 1.01 -6.11	46.84 1.34 -15.04	49.67 3.42 0.01	52.08 3.64 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.11 3.76 0.00	40.46 3.65 0.00	42.32 4.13 0.00	48.11 3.65 -6.45	53.79 3.47 -7.53	56.02 3.99 -4.00	61.90 4.69 0.01	54.48 3.66 0.01	45.06 3.34 0.00	39.80 2.50 0.00	36.97 1.59 0.00
NORTHPORT___IC 23718	36.87 0.58 -11.21	33.42 0.56 -9.36	32.84 0.47 -9.83	31.27 0.38 -8.60	33.17 0.40 -9.36	33.42 0.67 -6.11	47.80 0.88 -16.45	48.97 2.73 0.01	51.21 2.76 0.01	49.01 3.33 -0.61	50.17 3.72 0.00	46.44 3.52 0.00	42.35 3.28 0.00	41.61 3.26 0.00	39.98 3.17 0.00	41.86 3.67 0.00	47.62 3.16 -6.45	53.03 2.70 -7.53	55.16 3.12 -4.00	60.69 3.49 0.01	53.51 2.69 0.01	44.52 2.80 0.00	39.42 2.13 0.00	36.54 1.17 0.00
NORTH___COUNTRY_ESR 323785	23.98 -1.10 0.00	22.37 -1.13 0.00	21.44 -1.10 0.00	21.13 -1.16 0.00	22.21 -1.19 0.00	-9.95 -1.39 35.20	-10.24 -1.68 39.02	-11.42 -2.31 55.36	-10.00 -2.28 56.18	-10.00 -1.94 53.12	44.41 -2.04 0.00	41.21 -1.72 0.00	37.35 -1.72 0.00	36.81 -1.54 0.00	35.38 -1.44 0.00	36.44 -1.76 0.00	-4.15 -1.82 40.34	-10.00 -1.84 50.96	-10.00 -2.31 55.73	54.52 -2.69 0.00	49.09 -1.73 0.00	40.35 -1.38 0.00	36.21 -1.08 0.00	34.45 -0.92 0.00
NPX_GEN_1385_PROXY 323591	36.64 0.35 -11.21	33.26 0.40 -9.36	32.71 0.34 -9.83	31.27 0.38 -8.60	33.07 0.30 -9.36	33.42 0.67 -6.11	46.14 0.64 -15.04	48.88 2.64 0.01	51.21 2.76 0.01	48.96 3.29 -0.61	50.08 3.63 0.00	46.36 3.44 0.00	42.35 3.28 0.00	41.38 3.03 0.00	39.76 2.95 0.00	41.63 3.44 0.00	47.35 2.89 -6.45	52.60 2.27 -7.53	55.16 3.12 -4.00	60.35 3.14 0.01	53.35 2.54 0.01	44.22 2.50 0.00	39.35 2.05 0.00	36.50 1.13 0.00
NPX_GEN_CSC 323557	36.99 0.70 -11.21	33.47 0.61 -9.36	32.89 0.52 -9.83	31.27 0.38 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.35 0.85 -15.04	48.88 2.64 0.01	51.40 2.96 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.69 3.65 -4.00	61.44 4.23 0.01	53.97 3.15 0.01	44.77 3.04 0.00	39.50 2.20 0.00	36.61 1.24 0.00
NSINS_S___GLNS_FALLS 23858	40.63 1.51 -14.04	36.59 1.36 -11.73	36.14 1.28 -12.32	34.29 1.23 -10.78	36.42 1.29 -11.73	35.85 1.55 -7.66	52.50 1.43 -20.61	49.12 2.87 0.00	51.65 3.20 0.00	48.64 2.79 -0.78	49.42 2.97 0.00	45.54 2.62 0.00	41.37 2.31 0.00	40.53 2.19 0.00	39.02 2.21 0.00	40.71 2.52 0.00	48.53 2.32 -8.19	55.11 2.74 -9.57	56.20 3.07 -5.09	60.70 3.49 0.00	53.77 2.95 0.00	44.02 2.29 0.00	39.91 2.61 0.00	37.49 2.12 0.00
NUCOR_STEEL___DRP 24197	26.47 0.03 -1.36	24.63 0.00 -1.13	23.73 0.00 -1.19	23.38 0.04 -1.04	24.59 0.05 -1.13	27.44 0.05 -0.74	32.91 0.46 -1.99	46.62 0.37 0.00	48.55 0.10 0.00	45.13 0.00 -0.07	46.50 0.05 0.00	42.92 0.00 0.00	39.11 0.04 0.00	38.39 0.04 0.00	36.85 0.04 0.00	38.31 0.11 0.00	38.77 0.00 -0.75	43.68 0.00 -0.87	48.70 0.19 -0.46	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.48 0.19 0.00	35.69 0.32 0.00
NUMBER_THREE_WT_PWR 323818	24.92 -0.58 -0.41	23.34 -0.49 -0.34	22.45 -0.45 -0.36	22.16 -0.45 -0.32	23.24 -0.52 -0.34	28.01 -0.45 -1.82	32.29 -0.43 -2.26	48.41 -0.28 -2.44	50.49 -0.44 -2.47	46.61 -0.81 -2.36	45.66 -0.79 0.00	42.15 -0.77 0.00	38.40 -0.66 0.00	37.70 -0.65 0.00	36.22 -0.59 0.00	37.54 -0.65 0.00	39.19 -0.76 -1.94	44.71 -0.64 -2.55	50.31 -0.39 -2.65	56.93 -0.28 0.00	50.41 -0.41 0.00	41.35 -0.38 0.00	36.81 -0.49 0.00	34.88 -0.50 0.00
NYISO_LBMP_REFERENCE 24008	25.08 0.00 0.00	23.49 0.00 0.00	22.54 0.00 0.00	22.29 0.00 0.00	23.41 0.00 0.00	26.64 0.00 0.00	30.46 0.00 0.00	46.25 0.00 0.00	48.45 0.00 0.00	45.06 0.00 0.00	46.45 0.00 0.00	42.92 0.00 0.00	39.07 0.00 0.00	38.35 0.00 0.00	36.82 0.00 0.00	38.19 0.00 0.00	38.02 0.00 0.00	42.80 0.00 0.00	48.04 0.00 0.00	57.21 0.00 0.00	50.82 0.00 0.00	41.72 0.00 0.00	37.30 0.00 0.00	35.37 0.00 0.00

NYPA_BRENTWD____GT 24164	37.17 0.88 -11.21	33.63 0.77 -9.36	33.07 0.70 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.69 0.93 -6.11	46.72 1.22 -15.04	49.58 3.33 0.01	51.89 3.44 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.35 4.16 0.00	48.15 3.69 -6.45	53.71 3.38 -7.53	55.98 3.94 -4.00	61.78 4.58 0.01	54.32 3.50 0.01	45.10 3.38 0.00	39.80 2.50 0.00	36.93 1.55 0.00
NYPA_GOWANUS____GT5 24156	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NYPA_GOWANUS____GT6 24157	50.34 1.63 -23.63	49.76 1.50 -24.76	33.91 1.42 -9.95	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	50.37 2.22 -17.68	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.43 4.10 -12.27	57.43 4.03 -15.06	58.77 3.94 -18.01	57.34 4.28 -14.87	53.77 3.92 -11.84	54.99 4.32 -7.87	57.00 4.95 -4.01	78.32 6.12 -14.98	55.65 4.83 0.00	58.70 3.97 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41
NYPA_HARLEM__RVR__GT1 24160	37.66 1.35 -11.22	34.14 1.27 -9.38	33.58 1.19 -9.84	32.02 1.11 -8.61	33.97 1.19 -9.37	34.14 1.38 -6.11	47.32 1.83 -15.03	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.86 4.42 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.08 3.90 0.01	47.99 3.54 -6.44	54.18 3.85 -7.52	56.41 4.37 -4.00	62.58 5.38 0.01	55.03 4.22 0.01	45.22 3.51 0.01	40.01 2.72 0.01	37.49 2.12 0.01
NYPA_HARLEM__RVR__GT2 24161	37.66 1.35 -11.22	34.14 1.27 -9.38	33.58 1.19 -9.84	32.02 1.11 -8.61	33.97 1.19 -9.37	34.14 1.38 -6.11	47.32 1.83 -15.03	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.86 4.42 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.08 3.90 0.01	47.99 3.54 -6.44	54.18 3.85 -7.52	56.41 4.37 -4.00	62.58 5.38 0.01	55.03 4.22 0.01	45.22 3.51 0.01	40.01 2.72 0.01	37.49 2.12 0.01
NYPA_KENT____GT 24152	44.98 1.56 -18.34	43.12 1.43 -18.20	33.77 1.33 -9.90	32.17 1.27 -8.61	34.14 1.36 -9.37	34.42 1.65 -6.12	49.15 2.13 -16.56	58.13 4.62 -7.26	60.21 4.89 -6.87	58.04 4.73 -8.25	53.40 4.79 -2.17	52.30 4.33 -5.04	51.00 4.02 -7.91	52.81 3.95 -10.51	53.69 3.86 -13.01	52.76 4.20 -10.37	51.49 3.84 -9.64	54.75 4.20 -7.75	56.85 4.80 -4.01	72.44 5.89 -9.33	55.49 4.67 0.00	53.67 3.84 -8.11	47.37 3.06 -7.02	44.96 2.48 -7.11
NYPA_POUCH1____GT 24155	50.30 1.58 -23.63	49.73 1.48 -24.76	33.86 1.38 -9.95	32.22 1.31 -8.61	34.19 1.40 -9.37	34.45 1.68 -6.13	50.31 2.16 -17.68	63.00 4.49 -12.26	63.90 4.80 -10.65	62.11 4.60 -12.45	54.49 4.69 -3.35	55.00 4.25 -7.83	55.24 3.91 -12.27	57.24 3.83 -15.06	58.58 3.76 -18.01	53.87 4.09 -11.59	53.62 3.76 -11.84	54.78 4.11 -7.87	56.81 4.76 -4.01	78.09 5.89 -14.98	55.45 4.62 0.00	58.53 3.80 -13.01	52.29 3.13 -11.86	50.33 2.55 -12.41
NYPA_VERNON____GT2 24162	39.58 1.45 -13.04	36.47 1.34 -11.63	33.66 1.26 -9.86	32.08 1.18 -8.61	34.07 1.29 -9.38	34.31 1.54 -6.12	47.90 2.01 -15.43	52.99 4.49 -2.25	56.34 4.80 -3.09	53.70 4.60 -4.05	52.07 4.64 -0.98	49.43 4.25 -2.26	46.57 3.94 -3.56	48.17 3.87 -5.95	48.63 3.79 -8.02	48.18 4.13 -5.87	49.22 3.76 -7.44	54.51 4.07 -7.64	56.71 4.66 -4.01	66.62 5.72 -3.68	55.34 4.52 0.00	48.69 3.76 -3.22	42.42 2.95 -2.18	39.53 2.33 -1.82
NYPA_VERNON____GT3 24163	39.58 1.45 -13.04	36.47 1.34 -11.63	33.66 1.26 -9.86	32.08 1.18 -8.61	34.07 1.29 -9.38	34.31 1.54 -6.12	47.90 2.01 -15.43	52.99 4.49 -2.25	56.34 4.80 -3.09	53.70 4.60 -4.05	52.07 4.64 -0.98	49.43 4.25 -2.26	46.57 3.94 -3.56	48.17 3.87 -5.95	48.63 3.79 -8.02	48.18 4.13 -5.87	49.22 3.76 -7.44	54.51 4.07 -7.64	56.71 4.66 -4.01	66.62 5.72 -3.68	55.34 4.52 0.00	48.69 3.76 -3.22	42.42 2.95 -2.18	39.53 2.33 -1.82
NYPA__ASTORIA_CC1 323568	37.76 1.45 -11.22	34.21 1.34 -9.38	33.64 1.26 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.48 1.98 -15.04	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.54 4.60 -0.49	48.25 4.21 -1.12	44.78 3.94 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.99 4.09 -3.71	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.49	55.30 4.47 0.00	46.75 3.71 -1.32	40.65 2.91 -0.44	37.71 2.33 0.00
NYPA__ASTORIA_CC2 323569	37.76 1.45 -11.22	34.21 1.34 -9.38	33.64 1.26 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.48 1.98 -15.04	51.15 4.44 -0.46	54.74 4.75 -1.54	51.93 4.55 -2.32	51.54 4.60 -0.49	48.25 4.21 -1.12	44.78 3.94 -1.77	45.99 3.87 -3.77	45.99 3.76 -5.42	45.99 4.09 -3.71	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.49	55.30 4.47 0.00	46.75 3.71 -1.32	40.65 2.91 -0.44	37.71 2.33 0.00
NYPA__HOLTSVILL 23794	37.02 0.73 -11.21	33.51 0.66 -9.36	32.95 0.59 -9.83	31.33 0.45 -8.60	33.26 0.49 -9.36	33.55 0.80 -6.11	46.54 1.04 -15.04	49.16 2.92 0.01	51.55 3.10 0.01	49.37 3.70 -0.61	50.63 4.18 0.00	46.74 3.82 0.00	42.66 3.59 0.00	41.84 3.49 0.00	40.24 3.42 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.44 4.23 0.01	54.02 3.20 0.01	44.85 3.13 0.00	39.57 2.28 0.00	36.68 1.31 0.00
NYPA__HELLGATE_GT1 24158	37.66 1.35 -11.22	34.14 1.27 -9.38	33.58 1.19 -9.84	32.02 1.11 -8.61	33.97 1.19 -9.37	34.14 1.38 -6.11	47.32 1.83 -15.03	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.86 4.42 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.08 3.90 0.01	47.99 3.54 -6.44	54.18 3.85 -7.52	56.41 4.37 -4.00	62.58 5.38 0.01	55.03 4.22 0.01	45.22 3.51 0.01	40.01 2.72 0.01	37.49 2.12 0.01
NYPA__HELLGATE_GT2 24159	37.66 1.35 -11.22	34.14 1.27 -9.38	33.58 1.19 -9.84	32.02 1.11 -8.61	33.97 1.19 -9.37	34.14 1.38 -6.11	47.32 1.83 -15.03	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.86 4.42 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.08 3.90 0.01	47.99 3.54 -6.44	54.18 3.85 -7.52	56.41 4.37 -4.00	62.58 5.38 0.01	55.03 4.22 0.01	45.22 3.51 0.01	40.01 2.72 0.01	37.49 2.12 0.01
NYS_BARGE__HYD 23848	24.90 -1.86 -1.67	23.11 -1.79 -1.40	22.32 -1.69 -1.47	21.90 -1.67 -1.28	23.12 -1.69 -1.40	25.51 -2.05 -0.91	31.14 -1.49 -2.17	43.01 -3.24 0.00	44.63 -3.83 0.00	41.45 -3.69 -0.09	42.46 -4.00 0.00	39.53 -3.39 0.00	36.02 -3.05 0.00	35.74 -2.61 0.00	34.24 -2.58 0.00	35.33 -2.86 0.00	35.90 -3.04 -0.93	40.08 -3.81 -1.08	44.96 -3.65 -0.58	52.92 -4.29 0.00	47.42 -3.40 0.00	38.97 -2.75 0.00	35.25 -2.05 0.00	34.13 -1.24 0.00

OAK ORCHARD___HYD 24046	25.73 -0.73 -1.38	23.92 -0.73 -1.15	23.07 -0.68 -1.21	22.68 -0.67 -1.06	23.90 -0.66 -1.15	26.62 -0.77 -0.75	31.93 -0.30 -1.77	44.96 -1.29 0.00	46.76 -1.70 0.00	43.65 -1.49 -0.07	44.59 -1.86 0.00	41.34 -1.59 0.00	37.70 -1.37 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	36.97 -1.22 0.00	37.64 -1.14 -0.76	42.15 -1.54 -0.89	47.12 -1.39 -0.47	55.33 -1.89 0.00	49.40 -1.42 0.00	40.51 -1.21 0.00	36.48 -0.82 0.00	34.98 -0.39 0.00
OAKDALE___35_KV_LOAD 356122	28.36 -0.28 -3.55	26.20 -0.26 -2.97	25.38 -0.27 -3.11	24.77 -0.25 -2.72	26.12 -0.26 -2.97	28.29 -0.29 -1.94	35.76 0.09 -5.21	46.44 0.19 0.00	48.41 -0.05 0.00	44.84 -0.41 -0.19	46.26 -0.19 0.00	42.80 -0.13 0.00	38.95 -0.12 0.00	38.31 -0.04 0.00	36.74 -0.07 0.00	38.19 0.00 0.00	39.83 -0.19 -2.00	44.89 -0.26 -2.34	49.24 -0.05 -1.25	57.38 0.17 0.00	50.97 0.15 0.00	41.81 0.08 0.00	37.33 0.04 0.00	35.58 0.21 0.00
OCC_CHEM___DRP 24175	24.81 -1.98 -1.71	23.09 -1.83 -1.43	22.24 -1.80 -1.50	21.79 -1.81 -1.31	22.89 -1.94 -1.43	25.26 -2.32 -0.93	31.29 -1.68 -2.51	42.51 -3.75 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.22 -4.23 0.00	39.15 -3.78 0.00	35.83 -3.24 0.00	35.43 -2.91 0.00	33.94 -2.87 0.00	35.21 -2.98 0.00	35.77 -3.19 -0.95	39.71 -4.19 -1.10	44.59 -4.04 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.47 -3.25 0.00	34.84 -2.46 0.00	33.82 -1.56 0.00
OH_GEN_PROXY 24063	24.95 -1.83 -1.69	23.17 -1.74 -1.41	22.36 -1.67 -1.48	21.94 -1.65 -1.30	23.16 -1.66 -1.41	24.00 -2.05 0.59	32.71 -1.46 -3.71	42.97 -3.28 0.00	44.63 -3.83 0.00	41.50 -3.65 -0.09	42.46 -4.00 0.00	39.53 -3.39 0.00	36.06 -3.01 0.00	35.74 -2.61 0.00	34.24 -2.58 0.00	35.37 -2.83 0.00	35.99 -2.97 -0.94	40.13 -3.77 -1.10	44.97 -3.65 -0.58	52.75 -4.46 0.00	47.26 -3.56 0.00	38.80 -2.92 0.00	35.13 -2.16 0.00	34.03 -1.34 0.00
OLIN_CORP_DRP 24177	24.72 -2.08 -1.72	23.00 -1.93 -1.44	22.13 -1.92 -1.51	21.72 -1.89 -1.32	22.81 -2.04 -1.44	25.16 -2.42 -0.94	31.16 -1.83 -2.53	42.46 -3.79 0.00	44.09 -4.36 0.00	40.96 -4.19 -0.09	42.13 -4.32 0.00	39.06 -3.86 0.00	35.71 -3.36 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	35.14 -3.06 0.00	35.63 -3.35 -0.95	39.59 -4.32 -1.11	44.45 -4.18 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.43 -3.30 0.00	34.80 -2.50 0.00	33.74 -1.63 0.00
OLIN_CORP_DSASP 323712	24.81 -1.98 -1.71	23.04 -1.88 -1.43	22.23 -1.80 -1.50	21.79 -1.80 -1.31	23.01 -1.83 -1.43	25.34 -2.24 -0.93	31.00 -1.68 -2.21	42.51 -3.74 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.04 -4.41 0.00	39.15 -3.78 0.00	35.71 -3.36 0.00	35.43 -2.92 0.00	33.94 -2.87 0.00	35.02 -3.17 0.00	35.69 -3.27 -0.95	39.76 -4.15 -1.10	44.59 -4.04 -0.59	52.18 -5.04 0.00	46.75 -4.07 0.00	38.47 -3.25 0.00	34.83 -2.46 0.00	33.82 -1.56 0.00
ONEIDA_HERK_LFGE 323681	25.45 0.00 -0.37	23.85 0.05 -0.31	22.91 0.05 -0.32	22.64 0.07 -0.28	23.74 0.02 -0.31	27.74 0.13 -0.96	31.96 0.24 -1.26	48.01 0.60 -1.16	50.21 0.58 -1.18	46.42 0.23 -1.13	46.78 0.33 0.00	43.18 0.26 0.00	39.34 0.28 0.00	38.62 0.27 0.00	37.11 0.29 0.00	38.50 0.30 0.00	39.25 0.23 -1.00	44.49 0.38 -1.31	49.97 0.62 -1.31	58.01 0.80 0.00	51.38 0.56 0.00	42.14 0.42 0.00	37.56 0.26 0.00	35.55 0.18 0.00
ONEIDA___115KV_TB4 55905	26.10 0.35 -0.66	24.40 0.35 -0.55	23.46 0.34 -0.58	23.16 0.36 -0.51	24.36 0.40 -0.55	27.49 0.48 -0.36	32.17 0.73 -0.97	47.45 1.20 0.00	49.57 1.11 0.00	45.81 0.72 -0.03	47.29 0.84 0.00	43.70 0.77 0.00	39.81 0.74 0.00	39.08 0.73 0.00	37.55 0.74 0.00	38.96 0.76 0.00	39.09 0.72 -0.35	44.11 0.90 -0.41	49.51 1.25 -0.22	58.70 1.49 0.00	51.99 1.17 0.00	42.64 0.92 0.00	38.04 0.75 0.00	36.08 0.71 0.00
ONONDAGA_REF_OCCRA 23987	26.23 -0.08 -1.23	24.42 -0.09 -1.02	23.53 -0.09 -1.07	23.16 -0.07 -0.94	24.36 -0.07 -1.02	27.23 -0.08 -0.67	32.50 0.24 -1.80	46.30 0.05 0.00	48.31 -0.15 0.00	44.90 -0.23 -0.06	46.31 -0.14 0.00	42.75 -0.17 0.00	38.95 -0.12 0.00	38.23 -0.12 0.00	36.70 -0.11 0.00	38.12 -0.08 0.00	38.58 -0.11 -0.67	43.42 -0.17 -0.79	48.41 -0.05 -0.42	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.26 -0.04 0.00	35.44 0.07 0.00
ONONDAGA___COGEN 23986	26.19 -0.03 -1.14	24.40 -0.05 -0.95	23.49 -0.05 -1.00	23.14 -0.02 -0.87	24.33 -0.02 -0.95	27.24 -0.03 -0.62	32.43 0.30 -1.67	46.34 0.09 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.36 -0.09 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.27 -0.08 0.00	36.74 -0.07 0.00	38.15 -0.04 0.00	38.52 -0.11 -0.62	43.36 -0.17 -0.73	48.38 -0.05 -0.39	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.30 0.00 0.00	35.48 0.11 0.00
ONTARIO___LFGE 23819	26.28 -0.43 -1.62	24.38 -0.47 -1.35	23.53 -0.43 -1.42	23.13 -0.40 -1.24	24.38 -0.38 -1.35	27.13 -0.40 -0.88	32.71 0.15 -2.09	46.21 -0.05 0.00	48.02 -0.44 0.00	44.38 -0.77 -0.08	45.75 -0.70 0.00	42.28 -0.64 0.00	38.48 -0.58 0.00	37.89 -0.46 0.00	36.34 -0.48 0.00	37.69 -0.50 0.00	38.30 -0.61 -0.90	43.17 -0.69 -1.05	48.31 -0.29 -0.56	56.70 -0.52 0.00	50.72 -0.10 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.44 0.07 0.00
ORANGEVILLE_WT_PWR 323706	24.96 -2.26 -2.14	23.12 -2.16 -1.79	22.34 -2.07 -1.87	21.92 -2.01 -1.64	23.13 -2.06 -1.79	25.39 -2.42 -1.17	31.24 -2.01 -2.79	42.69 -3.56 0.00	44.19 -4.26 0.00	40.71 -4.46 -0.11	42.08 -4.37 0.00	39.28 -3.65 0.00	35.71 -3.36 0.00	35.16 -3.18 0.00	33.65 -3.17 0.00	34.72 -3.48 0.00	35.52 -3.69 -1.19	40.01 -4.19 -1.40	44.89 -3.89 -0.74	53.04 -4.17 0.00	47.52 -3.30 0.00	38.93 -2.79 0.00	35.06 -2.24 0.00	33.78 -1.59 0.00
ORANGEVILLE___ESR 323794	24.96 -2.26 -2.14	23.12 -2.16 -1.79	22.34 -2.07 -1.87	21.92 -2.01 -1.64	23.13 -2.06 -1.79	25.39 -2.42 -1.17	31.24 -2.01 -2.79	42.69 -3.56 0.00	44.19 -4.26 0.00	40.71 -4.46 -0.11	42.08 -4.37 0.00	39.28 -3.65 0.00	35.71 -3.36 0.00	35.16 -3.18 0.00	33.65 -3.17 0.00	34.72 -3.48 0.00	35.52 -3.69 -1.19	40.01 -4.19 -1.40	44.89 -3.89 -0.74	53.04 -4.17 0.00	47.52 -3.30 0.00	38.93 -2.79 0.00	35.06 -2.24 0.00	33.78 -1.59 0.00
OSWEGATCHIE___HYD 24044	24.18 -1.20 -0.30	22.67 -1.08 -0.25	21.77 -1.04 -0.26	21.50 -1.02 -0.23	22.54 -1.12 -0.25	29.26 -1.17 -3.79	33.47 -1.37 -4.38	50.07 -1.71 -5.53	52.23 -1.84 -5.61	48.49 -1.89 -5.32	44.54 -1.91 0.00	41.12 -1.80 0.00	37.46 -1.60 0.00	36.77 -1.57 0.00	35.34 -1.47 0.00	36.51 -1.68 0.00	40.34 -1.75 -4.07	46.54 -1.67 -5.41	52.13 -1.73 -5.82	55.27 -1.95 0.00	49.30 -1.52 0.00	40.38 -1.34 0.00	36.03 -1.27 0.00	34.17 -1.20 0.00
OSWEGO___5 23606	25.44 -0.43 -0.79	23.73 -0.42 -0.66	22.83 -0.41 -0.69	22.51 -0.38 -0.60	23.67 -0.40 -0.66	26.62 -0.45 -0.43	31.15 -0.30 -0.99	45.42 -0.83 0.00	47.39 -1.07 0.00	44.07 -1.03 -0.04	45.38 -1.07 0.00	41.94 -0.99 0.00	38.21 -0.86 0.00	37.50 -0.84 0.00	36.01 -0.81 0.00	37.35 -0.84 0.00	37.60 -0.84 -0.42	42.32 -0.98 -0.49	47.29 -1.01 -0.26	56.01 -1.20 0.00	49.75 -1.07 0.00	40.93 -0.79 0.00	36.66 -0.63 0.00	34.91 -0.46 0.00

OSWEGO___6 23613	25.44 -0.43 -0.79	23.73 -0.42 -0.66	22.83 -0.41 -0.69	22.51 -0.38 -0.60	23.67 -0.40 -0.66	26.62 -0.45 -0.43	31.15 -0.30 -0.99	45.42 -0.83 0.00	47.39 -1.07 0.00	44.07 -1.03 -0.04	45.38 -1.07 0.00	41.94 -0.99 0.00	38.21 -0.86 0.00	37.50 -0.84 0.00	36.01 -0.81 0.00	37.35 -0.84 0.00	37.60 -0.84 -0.42	42.32 -0.98 -0.49	47.29 -1.01 -0.26	56.01 -1.20 0.00	49.75 -1.07 0.00	40.93 -0.79 0.00	36.66 -0.63 0.00	34.91 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	25.09 -1.73 -1.73	23.35 -1.60 -1.45	22.48 -1.58 -1.52	22.06 -1.56 -1.33	23.15 -1.71 -1.45	25.59 -2.00 -0.95	31.73 -1.28 -2.55	43.38 -2.87 0.00	45.11 -3.34 0.00	41.82 -3.33 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.16 -2.19 0.00	34.64 -2.17 0.00	35.90 -2.29 0.00	36.32 -2.66 -0.96	40.41 -3.51 -1.12	45.42 -3.22 -0.60	53.44 -3.78 0.00	47.92 -2.90 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.52 -0.85 0.00
OXBOW___BTM 323836	24.92 -1.88 -1.72	23.15 -1.79 -1.44	22.34 -1.71 -1.51	21.89 -1.72 -1.32	23.11 -1.73 -1.44	25.48 -2.11 -0.94	31.17 -1.52 -2.23	42.88 -3.37 0.00	44.58 -3.88 0.00	41.46 -3.69 -0.09	42.46 -4.00 0.00	39.53 -3.39 0.00	36.02 -3.05 0.00	35.74 -2.61 0.00	34.28 -2.54 0.00	35.33 -2.86 0.00	35.93 -3.04 -0.95	40.06 -3.85 -1.11	44.93 -3.70 -0.59	52.75 -4.46 0.00	47.32 -3.51 0.00	38.88 -2.84 0.00	35.17 -2.12 0.00	34.10 -1.27 0.00
OXBOW____ 24026	24.92 -1.88 -1.72	23.19 -1.74 -1.44	22.34 -1.71 -1.51	21.89 -1.72 -1.32	23.00 -1.85 -1.44	25.40 -2.18 -0.94	31.46 -1.52 -2.53	42.92 -3.33 0.00	44.58 -3.88 0.00	41.41 -3.74 -0.09	42.64 -3.81 0.00	39.53 -3.39 0.00	36.14 -2.93 0.00	35.78 -2.57 0.00	34.28 -2.54 0.00	35.52 -2.67 0.00	36.00 -2.97 -0.95	40.02 -3.90 -1.11	44.93 -3.70 -0.59	52.75 -4.46 0.00	47.32 -3.51 0.00	38.88 -2.84 0.00	35.17 -2.13 0.00	34.10 -1.27 0.00
OXY_CHEM_DSASP 323612	24.81 -1.98 -1.71	23.09 -1.83 -1.43	22.24 -1.80 -1.50	21.79 -1.81 -1.31	22.89 -1.94 -1.43	25.26 -2.32 -0.93	31.29 -1.68 -2.51	42.51 -3.75 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.22 -4.23 0.00	39.15 -3.78 0.00	35.83 -3.24 0.00	35.43 -2.91 0.00	33.94 -2.87 0.00	35.21 -2.98 0.00	35.77 -3.19 -0.95	39.71 -4.19 -1.10	44.59 -4.04 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.47 -3.25 0.00	34.84 -2.46 0.00	33.82 -1.56 0.00
OZONE_PARK_ESR 323760	37.73 1.43 -11.21	34.20 1.34 -9.37	33.61 1.24 -9.83	32.05 1.16 -8.61	34.04 1.26 -9.37	34.31 1.55 -6.12	48.96 2.04 -16.45	50.83 4.58 0.00	53.35 4.89 0.00	50.36 4.69 -0.61	51.10 4.65 0.00	47.17 4.25 0.00	43.05 3.98 0.00	42.26 3.91 0.00	40.64 3.83 0.00	42.28 4.09 0.00	48.30 3.84 -6.45	54.49 4.15 -7.53	56.80 4.76 -4.01	63.05 5.84 0.00	55.50 4.68 0.00	45.52 3.80 0.00	40.28 2.98 0.00	37.71 2.33 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.81 -1.98 -1.71	23.09 -1.83 -1.43	22.24 -1.80 -1.50	21.79 -1.81 -1.31	22.89 -1.94 -1.43	25.26 -2.32 -0.93	31.29 -1.68 -2.51	42.51 -3.75 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.22 -4.23 0.00	39.15 -3.78 0.00	35.83 -3.24 0.00	35.43 -2.91 0.00	33.94 -2.87 0.00	35.21 -2.98 0.00	35.77 -3.19 -0.95	39.71 -4.19 -1.10	44.59 -4.04 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.47 -3.25 0.00	34.84 -2.46 0.00	33.82 -1.56 0.00
PACKARD__115KV_DUPONT_184 80571	24.81 -1.98 -1.71	23.09 -1.83 -1.43	22.24 -1.80 -1.50	21.79 -1.81 -1.31	22.89 -1.94 -1.43	25.26 -2.32 -0.93	31.29 -1.68 -2.51	42.51 -3.75 0.00	44.19 -4.26 0.00	41.14 -4.01 -0.09	42.22 -4.23 0.00	39.15 -3.78 0.00	35.83 -3.24 0.00	35.43 -2.91 0.00	33.94 -2.87 0.00	35.21 -2.98 0.00	35.77 -3.19 -0.95	39.71 -4.19 -1.10	44.59 -4.04 -0.59	52.18 -5.03 0.00	46.76 -4.07 0.00	38.47 -3.25 0.00	34.84 -2.46 0.00	33.82 -1.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.66 1.35 -11.22	34.16 1.29 -9.38	33.58 1.19 -9.84	32.04 1.14 -8.61	33.98 1.19 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.45 4.21 0.01	52.95 4.51 0.01	50.04 4.37 -0.61	50.81 4.37 0.01	46.91 3.99 0.01	42.81 3.75 0.01	42.02 3.68 0.01	40.42 3.61 0.01	42.04 3.86 0.01	48.03 3.57 -6.44	54.18 3.85 -7.52	56.42 4.37 -4.01	62.58 5.38 0.01	55.09 4.27 0.00	45.26 3.55 0.01	40.05 2.76 0.01	37.53 2.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.76 1.45 -11.22	34.28 1.41 -9.38	33.71 1.33 -9.84	32.17 1.27 -8.61	34.14 1.36 -9.37	34.33 1.57 -6.12	48.96 2.04 -16.46	50.73 4.49 0.01	53.24 4.80 0.01	50.22 4.55 -0.61	50.95 4.51 0.01	47.04 4.12 0.01	42.89 3.83 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.27 3.94 -7.52	56.51 4.47 -4.01	62.75 5.55 0.01	55.24 4.42 0.00	45.34 3.63 0.01	40.12 2.83 0.01	37.57 2.19 0.00
PATROON__115KV_TB1 80586	39.89 1.08 -13.73	35.95 0.99 -11.47	35.53 0.95 -12.04	33.74 0.91 -10.54	35.83 0.96 -11.47	35.25 1.12 -7.49	52.13 1.52 -20.15	48.89 2.64 0.00	51.22 2.76 0.00	48.35 2.52 -0.77	49.10 2.65 0.00	45.33 2.40 0.00	40.94 1.88 0.00	39.88 1.53 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.68 1.67 -7.99	54.02 1.88 -9.33	55.17 2.16 -4.96	59.73 2.52 0.00	52.85 2.03 0.00	43.31 1.59 0.00	38.53 1.23 0.00	36.22 0.85 0.00
PATTRSNVILLE___SOLAR 323815	40.57 1.05 -14.43	36.52 0.96 -12.06	36.12 0.92 -12.66	34.26 0.89 -11.08	36.42 0.96 -12.05	35.64 1.12 -7.87	51.73 1.43 -19.84	48.75 2.50 0.00	51.07 2.61 0.00	48.04 2.16 -0.82	48.68 2.23 0.00	44.98 2.06 0.00	40.94 1.88 0.00	40.15 1.80 0.00	38.58 1.77 0.00	40.21 2.02 0.00	48.61 2.09 -8.51	55.18 2.44 -9.94	56.30 2.98 -5.28	60.76 3.55 0.00	53.82 3.00 0.00	44.10 2.38 0.00	39.31 2.01 0.00	37.03 1.66 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	24.81 -2.16 -1.88	23.07 -2.00 -1.57	22.21 -1.98 -1.65	21.77 -1.96 -1.45	22.87 -2.11 -1.57	25.27 -2.40 -1.03	31.46 -1.77 -2.77	43.75 -2.50 0.00	45.55 -2.91 0.00	40.92 -4.24 -0.10	43.48 -2.97 0.00	40.35 -2.58 0.00	36.76 -2.31 0.00	36.43 -1.92 0.00	34.86 -1.95 0.00	36.21 -1.99 0.00	35.66 -3.42 -1.06	39.90 -4.15 -1.24	44.71 -3.99 -0.66	54.24 -2.98 0.00	48.59 -2.24 0.00	39.93 -1.79 0.00	35.88 -1.42 0.00	34.70 -0.67 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.66 1.30 -11.27	34.16 1.25 -9.42	33.60 1.17 -9.88	32.03 1.09 -8.65	33.97 1.15 -9.41	34.18 1.39 -6.15	48.89 1.89 -16.54	50.23 3.98 0.00	52.82 4.36 0.00	49.78 4.10 -0.62	50.72 4.27 0.00	46.83 3.91 0.00	42.70 3.63 0.00	41.88 3.53 0.00	40.28 3.46 0.00	41.90 3.70 0.00	47.99 3.50 -6.48	54.18 3.81 -7.57	56.39 4.32 -4.02	62.36 5.15 0.00	55.04 4.22 0.00	45.10 3.38 0.00	39.95 2.65 0.00	37.49 2.12 0.00
PEEKSKILL____ 23653	37.09 1.05 -10.95	33.63 0.99 -9.15	33.07 0.92 -9.61	31.56 0.87 -8.41	33.49 0.94 -9.15	33.76 1.14 -5.98	46.68 1.52 -14.69	49.77 3.51 0.00	52.24 3.78 0.00	49.27 3.61 -0.60	50.17 3.72 0.00	46.27 3.35 0.00	42.19 3.13 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.44 3.24 0.00	47.32 3.00 -6.30	53.41 3.25 -7.36	55.65 3.70 -3.91	61.73 4.52 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.53 2.24 0.00	37.10 1.73 0.00

PGE MADISON___WINDPWR 24146	29.08 0.55 -3.44	26.98 0.61 -2.88	26.15 0.59 -3.02	25.55 0.62 -2.64	26.82 0.54 -2.88	29.37 0.85 -1.88	36.30 1.34 -4.50	48.66 2.40 0.00	50.73 2.28 0.00	46.51 1.26 -0.19	48.08 1.62 0.00	44.34 1.41 0.00	40.47 1.40 0.00	39.77 1.42 0.00	38.33 1.51 0.00	39.91 1.72 0.00	41.62 1.67 -1.93	47.11 2.05 -2.25	52.22 2.98 -1.20	60.93 3.72 0.00	53.62 2.79 0.00	43.89 2.17 0.00	38.98 1.68 0.00	37.00 1.63 0.00
PIERCEFIELD___HYD 23852	23.78 -1.30 0.00	22.30 -1.20 0.00	21.39 -1.15 0.00	21.11 -1.18 0.00	22.21 -1.19 0.00	30.72 -1.28 -5.35	34.69 -1.71 -5.93	52.07 -2.31 -8.13	54.43 -2.28 -8.25	50.83 -2.03 -7.80	44.36 -2.09 0.00	40.99 -1.93 0.00	37.31 -1.76 0.00	36.66 -1.69 0.00	35.23 -1.58 0.00	36.24 -1.95 0.00	41.84 -1.94 -5.76	48.74 -1.75 -7.69	54.33 -2.11 -8.41	54.81 -2.40 0.00	49.25 -1.58 0.00	40.34 -1.38 0.00	36.07 -1.23 0.00	34.28 -1.10 0.00
PINELAWN_CC_1 323563	37.12 0.83 -11.21	33.61 0.75 -9.36	33.05 0.68 -9.83	31.45 0.56 -8.60	33.38 0.61 -9.36	33.63 0.88 -6.11	46.66 1.16 -15.04	49.43 3.19 0.01	51.79 3.34 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.70 3.78 0.00	42.66 3.59 0.00	41.87 3.53 0.00	40.27 3.46 0.00	42.16 3.97 0.00	47.92 3.46 -6.45	53.54 3.21 -7.53	55.79 3.75 -4.00	61.61 4.41 0.01	54.22 3.41 0.01	44.89 3.17 0.00	39.69 2.39 0.00	36.82 1.45 0.00
PJM_GEN_HTP_PROXY 323702	37.58 1.28 -11.21	34.04 1.17 -9.37	33.48 1.10 -9.83	31.92 1.03 -8.60	33.87 1.10 -9.37	34.14 1.38 -6.12	47.30 1.80 -15.04	50.42 4.16 0.00	52.91 4.45 0.00	49.96 4.28 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	42.05 3.86 0.00	48.00 3.54 -6.45	54.14 3.81 -7.53	56.37 4.33 -4.01	62.47 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.98 2.69 0.00	37.46 2.09 0.00
PJM_GEN_KEystone 24065	31.56 -0.35 -6.83	28.85 -0.35 -5.70	28.17 -0.36 -5.99	27.15 -0.38 -5.24	28.76 -0.35 -5.70	29.97 -0.40 -3.72	39.61 0.03 -9.12	46.76 0.51 0.00	48.89 0.44 0.00	45.57 0.14 -0.37	46.78 0.33 0.00	43.27 0.34 0.00	39.46 0.39 0.00	38.84 0.50 0.00	37.26 0.44 0.00	38.73 0.53 0.00	42.04 0.11 -3.91	47.37 0.00 -4.57	50.71 0.24 -2.43	57.90 0.69 0.00	51.33 0.51 0.00	42.14 0.42 0.00	37.56 0.26 0.00	35.69 0.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.92 0.63 -11.21	33.42 0.56 -9.36	32.89 0.52 -9.83	31.31 0.42 -8.60	33.23 0.47 -9.36	33.45 0.69 -6.11	46.47 0.97 -15.04	49.07 2.82 0.01	51.45 3.01 0.01	48.96 3.29 -0.61	50.17 3.72 0.00	46.36 3.44 0.00	42.35 3.28 0.00	41.53 3.18 0.00	39.94 3.13 0.00	41.78 3.59 0.00	47.58 3.12 -6.45	53.20 2.87 -7.53	55.35 3.31 -4.00	61.10 3.89 0.01	53.76 2.95 0.01	44.47 2.75 0.00	39.31 2.01 0.00	36.50 1.13 0.00
PJM_GEN_VFT_PROXY 323633	37.48 1.18 -11.21	33.94 1.08 -9.37	33.37 0.99 -9.83	31.81 0.91 -8.61	33.78 1.01 -9.37	34.01 1.25 -6.12	47.15 1.64 -15.04	50.23 3.98 0.00	52.72 4.26 0.00	49.77 4.10 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	41.89 3.70 0.00	47.89 3.42 -6.45	53.93 3.60 -7.53	56.13 4.08 -4.01	62.25 5.04 0.00	54.79 3.97 0.00	44.98 3.26 0.00	39.83 2.54 0.00	37.28 1.91 0.00
PLATSBURG_115KV_PMLD1 355749	24.23 -0.85 0.00	22.62 -0.87 0.00	21.66 -0.88 0.00	21.38 -0.91 0.00	22.49 -0.91 0.00	-6.71 -1.07 32.28	-6.75 -1.43 35.79	-6.72 -1.99 50.99	-5.03 -1.74 51.74	-5.31 -1.44 48.93	44.96 -1.49 0.00	41.72 -1.20 0.00	37.82 -1.25 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	36.89 -1.30 0.00	-0.38 -1.33 37.07	-5.40 -1.37 46.83	-4.90 -1.73 51.21	55.27 -1.95 0.00	49.81 -1.02 0.00	40.93 -0.79 0.00	36.66 -0.63 0.00	34.88 -0.50 0.00
PLEASANTVLY___LBMP 24000	37.77 1.05 -11.63	34.22 1.01 -9.72	33.69 0.95 -10.20	32.13 0.91 -8.92	34.08 0.96 -9.71	34.16 1.17 -6.34	49.08 1.55 -17.06	49.72 3.47 0.00	52.19 3.73 0.00	49.26 3.56 -0.64	50.07 3.62 0.00	46.23 3.31 0.00	42.12 3.05 0.00	41.34 2.99 0.00	39.72 2.91 0.00	41.28 3.09 0.00	47.59 2.89 -6.69	53.78 3.17 -7.81	55.80 3.31 -4.15	61.56 4.35 0.00	54.28 3.46 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.07 1.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.59 1.23 -11.28	34.07 1.15 -9.42	33.51 1.08 -9.89	31.94 1.00 -8.65	33.90 1.08 -9.42	34.13 1.33 -6.15	48.77 1.77 -16.55	50.18 3.93 0.00	52.62 4.17 0.00	49.69 4.01 -0.62	50.49 4.04 0.00	46.66 3.73 0.00	42.51 3.44 0.00	41.72 3.37 0.00	40.09 3.28 0.00	41.71 3.51 0.00	47.81 3.31 -6.48	53.97 3.60 -7.57	56.15 4.08 -4.03	62.19 4.98 0.00	54.79 3.96 0.00	44.93 3.21 0.00	39.80 2.50 0.00	37.32 1.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.59 1.23 -11.28	34.07 1.15 -9.42	33.51 1.08 -9.89	31.94 1.00 -8.65	33.90 1.08 -9.42	34.13 1.33 -6.15	48.77 1.77 -16.55	50.18 3.93 0.00	52.62 4.17 0.00	49.69 4.01 -0.62	50.49 4.04 0.00	46.66 3.73 0.00	42.51 3.44 0.00	41.72 3.37 0.00	40.09 3.28 0.00	41.71 3.51 0.00	47.81 3.31 -6.48	53.97 3.60 -7.57	56.15 4.08 -4.03	62.19 4.98 0.00	54.79 3.96 0.00	44.93 3.21 0.00	39.80 2.50 0.00	37.32 1.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.63 1.15 -11.39	34.12 1.10 -9.52	33.57 1.04 -9.99	32.01 0.98 -8.74	33.95 1.03 -9.52	34.11 1.25 -6.21	48.86 1.68 -16.72	49.86 3.61 0.00	52.33 3.88 0.00	49.38 3.69 -0.62	50.21 3.76 0.00	46.36 3.43 0.00	42.23 3.16 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.40 3.21 0.00	47.58 3.00 -6.56	53.81 3.34 -7.67	55.96 3.84 -4.08	61.85 4.63 0.00	54.53 3.71 0.00	44.68 2.96 0.00	39.61 2.31 0.00	37.21 1.84 0.00
POLETTI___ 23519	37.55 1.25 -11.21	34.04 1.17 -9.37	33.46 1.08 -9.83	31.92 1.03 -8.61	33.87 1.10 -9.37	34.12 1.36 -6.12	48.71 1.80 -16.45	50.41 4.16 0.00	52.91 4.46 0.00	49.95 4.28 -0.61	50.72 4.27 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.35 3.53 0.00	41.97 3.78 0.00	47.96 3.50 -6.45	54.10 3.77 -7.53	56.32 4.28 -4.01	62.48 5.26 0.00	54.99 4.17 0.00	45.14 3.42 0.00	39.95 2.65 0.00	37.46 2.09 0.00
POMONA___ESR 323819	36.88 1.05 -10.74	33.45 0.99 -8.97	32.89 0.92 -9.42	31.38 0.85 -8.24	33.29 0.91 -8.97	33.65 1.14 -5.86	46.39 1.52 -14.40	49.77 3.51 0.00	52.24 3.78 0.00	49.30 3.65 -0.59	50.17 3.72 0.00	46.27 3.35 0.00	42.23 3.16 0.00	41.42 3.07 0.00	39.80 2.98 0.00	41.48 3.28 0.00	47.19 3.00 -6.17	53.27 3.25 -7.21	55.58 3.70 -3.84	61.73 4.52 0.00	54.38 3.56 0.00	44.60 2.88 0.00	39.50 2.20 0.00	37.10 1.73 0.00
PORT_JEFF_3 23555	37.12 0.83 -11.21	33.59 0.73 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.63 0.88 -6.11	46.63 1.13 -15.04	49.34 3.10 0.01	51.74 3.30 0.01	49.55 3.88 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.86 3.79 0.00	42.03 3.68 0.00	40.43 3.61 0.00	42.35 4.16 0.00	48.11 3.65 -6.45	53.76 3.43 -7.53	55.98 3.94 -4.00	61.78 4.58 0.01	54.27 3.46 0.01	45.02 3.30 0.00	39.72 2.42 0.00	36.82 1.45 0.00

PORT_JEFF_4 23616	37.12 0.83 -11.21	33.59 0.73 -9.36	33.02 0.65 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.63 0.88 -6.11	46.63 1.13 -15.04	49.34 3.10 0.01	51.74 3.30 0.01	49.55 3.88 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.86 3.79 0.00	42.03 3.68 0.00	40.43 3.61 0.00	42.35 4.16 0.00	48.11 3.65 -6.45	53.76 3.43 -7.53	55.98 3.94 -4.00	61.78 4.58 0.01	54.27 3.46 0.01	45.02 3.30 0.00	39.72 2.42 0.00	36.82 1.45 0.00
PORT_JEFF_IC 23713	37.12 0.83 -11.21	33.63 0.78 -9.36	33.05 0.68 -9.83	31.42 0.53 -8.60	33.33 0.56 -9.36	33.66 0.91 -6.11	48.07 1.16 -16.45	49.44 3.19 0.01	51.84 3.39 0.01	49.59 3.92 -0.61	50.82 4.37 0.00	46.96 4.03 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.39 4.20 0.00	48.15 3.69 -6.45	53.84 3.51 -7.53	56.03 3.99 -4.00	61.84 4.63 0.01	54.37 3.56 0.01	45.10 3.38 0.00	39.80 2.50 0.00	36.86 1.49 0.00
PPL_PILGRIM_ST_GT1 24216	37.17 0.88 -11.21	33.63 0.77 -9.36	33.07 0.70 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.69 0.93 -6.11	46.72 1.22 -15.04	49.58 3.33 0.01	51.89 3.44 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.35 4.16 0.00	48.15 3.69 -6.45	53.71 3.38 -7.53	55.98 3.94 -4.00	61.78 4.58 0.01	54.32 3.50 0.01	45.10 3.38 0.00	39.80 2.50 0.00	36.93 1.55 0.00
PPL_PILGRIM_ST_GT2 24217	37.17 0.88 -11.21	33.63 0.77 -9.36	33.07 0.70 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.69 0.93 -6.11	46.72 1.22 -15.04	49.58 3.33 0.01	51.89 3.44 0.01	49.59 3.92 -0.61	50.87 4.42 0.00	46.96 4.03 0.00	42.90 3.83 0.00	42.07 3.72 0.00	40.46 3.65 0.00	42.35 4.16 0.00	48.15 3.69 -6.45	53.71 3.38 -7.53	55.98 3.94 -4.00	61.78 4.58 0.01	54.32 3.50 0.01	45.10 3.38 0.00	39.80 2.50 0.00	36.93 1.55 0.00
PPL_SHRM_GT3 24213	37.02 0.73 -11.21	33.47 0.61 -9.36	32.91 0.54 -9.83	31.29 0.40 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.38 0.88 -15.04	48.83 2.59 0.01	51.35 2.91 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.50 4.29 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.50 2.20 0.00	36.64 1.27 0.00
PPL_SHRM_GT4 24214	37.02 0.73 -11.21	33.47 0.61 -9.36	32.91 0.54 -9.83	31.29 0.40 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.38 0.88 -15.04	48.83 2.59 0.01	51.35 2.91 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.50 4.29 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.50 2.20 0.00	36.64 1.27 0.00
PROJECT___ORANGE 1 24174	25.97 -0.13 -1.01	24.22 -0.12 -0.84	23.31 -0.11 -0.88	22.95 -0.11 -0.77	24.15 -0.09 -0.84	27.06 -0.13 -0.55	32.12 0.18 -1.48	46.16 -0.09 0.00	48.21 -0.24 0.00	44.80 -0.32 -0.05	46.22 -0.23 0.00	42.71 -0.21 0.00	38.87 -0.20 0.00	38.19 -0.15 0.00	36.63 -0.18 0.00	38.08 -0.11 0.00	38.37 -0.19 -0.55	43.14 -0.30 -0.64	48.19 -0.19 -0.34	56.87 -0.34 0.00	50.52 -0.30 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.34 -0.04 0.00
PROJECT___ORANGE 2 24166	25.97 -0.13 -1.01	24.22 -0.12 -0.84	23.31 -0.11 -0.88	22.95 -0.11 -0.77	24.15 -0.09 -0.84	27.06 -0.13 -0.55	32.12 0.18 -1.48	46.16 -0.09 0.00	48.21 -0.24 0.00	44.80 -0.32 -0.05	46.22 -0.23 0.00	42.71 -0.21 0.00	38.87 -0.20 0.00	38.19 -0.15 0.00	36.63 -0.18 0.00	38.08 -0.11 0.00	38.37 -0.19 -0.55	43.14 -0.30 -0.64	48.19 -0.19 -0.34	56.87 -0.34 0.00	50.52 -0.30 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.34 -0.04 0.00
PUCKETT___SOLAR 323809	28.76 0.00 -3.67	26.58 0.02 -3.07	25.78 0.02 -3.22	25.15 0.04 -2.82	26.52 0.05 -3.07	28.73 0.08 -2.00	35.80 0.52 -4.82	47.18 0.92 0.00	49.18 0.73 0.00	45.48 0.23 -0.20	46.87 0.42 0.00	43.27 0.34 0.00	39.42 0.35 0.00	38.73 0.38 0.00	37.18 0.37 0.00	38.69 0.50 0.00	40.43 0.34 -2.07	45.65 0.43 -2.42	50.14 0.82 -1.29	58.42 1.20 0.00	51.79 0.96 0.00	42.43 0.71 0.00	37.86 0.56 0.00	36.01 0.64 0.00
PYRITES___HYD 24023	24.28 -0.80 0.00	22.79 -0.70 0.00	21.89 -0.65 0.00	21.60 -0.69 0.00	22.71 -0.70 0.00	30.79 -0.67 -4.81	34.76 -1.04 -5.33	52.26 -1.30 -7.30	54.60 -1.26 -7.41	50.85 -1.22 -7.01	45.24 -1.21 0.00	41.77 -1.16 0.00	38.01 -1.05 0.00	37.35 -1.00 0.00	35.93 -0.88 0.00	36.93 -1.26 0.00	41.89 -1.25 -5.13	48.77 -0.94 -6.90	54.49 -1.10 -7.55	56.13 -1.09 0.00	50.36 -0.46 0.00	41.26 -0.46 0.00	36.85 -0.45 0.00	35.02 -0.35 0.00
QUAKERRD_115KV_BK1 80622	25.33 -1.08 -1.33	23.59 -1.01 -1.11	22.71 -0.99 -1.16	22.35 -0.96 -1.02	23.48 -1.03 -1.11	26.14 -1.23 -0.72	31.65 -0.76 -1.94	44.36 -1.90 0.00	46.18 -2.28 0.00	43.06 -2.07 -0.07	44.17 -2.28 0.00	40.82 -2.10 0.00	37.27 -1.80 0.00	36.78 -1.57 0.00	35.31 -1.51 0.00	36.63 -1.57 0.00	37.15 -1.60 -0.73	41.60 -2.05 -0.85	46.52 -1.97 -0.45	54.58 -2.63 0.00	48.69 -2.13 0.00	39.93 -1.79 0.00	35.92 -1.38 0.00	34.35 -1.03 0.00
QUEENSBRY_115KV_TB8 356137	40.64 1.51 -14.05	36.60 1.36 -11.74	36.15 1.28 -12.32	34.30 1.23 -10.78	36.43 1.29 -11.74	35.88 1.57 -7.67	52.45 1.37 -20.62	48.98 2.73 0.00	51.65 3.20 0.00	48.59 2.75 -0.79	49.38 2.93 0.00	45.50 2.58 0.00	41.33 2.27 0.00	40.49 2.15 0.00	38.99 2.17 0.00	40.71 2.52 0.00	48.49 2.28 -8.20	55.12 2.74 -9.58	56.21 3.07 -5.09	60.65 3.43 0.00	53.72 2.90 0.00	43.97 2.25 0.00	39.95 2.65 0.00	37.53 2.16 0.00
RAMAPO___LBMP 323565	36.67 0.95 -10.64	33.30 0.92 -8.89	32.70 0.83 -9.33	31.23 0.78 -8.16	33.13 0.84 -8.88	33.48 1.04 -5.80	47.47 1.40 -15.61	49.49 3.24 0.00	51.94 3.49 0.00	49.02 3.38 -0.58	49.84 3.39 0.00	46.01 3.09 0.00	41.96 2.89 0.00	41.19 2.84 0.00	39.58 2.76 0.00	41.17 2.98 0.00	46.90 2.78 -6.11	52.94 3.00 -7.14	55.30 3.46 -3.80	61.39 4.18 0.00	54.13 3.30 0.00	44.39 2.67 0.00	39.35 2.05 0.00	36.96 1.59 0.00
RANKINE____ 23646	25.13 -1.78 -1.83	23.35 -1.67 -1.53	22.50 -1.65 -1.60	22.07 -1.63 -1.40	23.16 -1.78 -1.53	25.59 -2.05 -1.00	31.80 -1.34 -2.68	43.66 -2.59 0.00	45.45 -3.00 0.00	41.82 -3.33 -0.10	43.43 -3.02 0.00	40.31 -2.62 0.00	36.76 -2.31 0.00	36.39 -1.96 0.00	34.86 -1.95 0.00	36.21 -1.99 0.00	36.40 -2.62 -1.01	40.60 -3.38 -1.18	45.54 -3.12 -0.63	54.01 -3.20 0.00	48.38 -2.44 0.00	39.80 -1.92 0.00	35.92 -1.38 0.00	34.81 -0.57 0.00
RAVENSWOOD_GT2_1 24244	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.46 4.21 0.00	52.96 4.51 0.00	50.00 4.33 -0.61	50.77 4.32 0.00	46.92 3.99 0.00	42.78 3.71 0.00	41.99 3.64 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.00 3.54 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.53 5.32 0.00	55.04 4.22 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.49 2.12 0.00

RAVENSWOOD_GT2_2 24245	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.46 4.21 0.00	52.96 4.51 0.00	50.00 4.33 -0.61	50.77 4.32 0.00	46.92 3.99 0.00	42.78 3.71 0.00	41.99 3.64 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.00 3.54 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.53 5.32 0.00	55.04 4.22 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.49 2.12 0.00
RAVENSWOOD_GT2_3 24246	37.60 1.30 -11.21	34.11 1.25 -9.37	33.52 1.15 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.51 4.26 0.00	52.96 4.51 0.00	50.05 4.37 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.59 5.38 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.53 2.16 0.00
RAVENSWOOD_GT2_4 24247	37.60 1.30 -11.21	34.11 1.25 -9.37	33.52 1.15 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.51 4.26 0.00	52.96 4.51 0.00	50.05 4.37 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.03 3.68 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.59 5.38 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.53 2.16 0.00
RAVENSWOOD_GT3_1 24248	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.46 4.21 0.00	52.96 4.51 0.00	50.00 4.33 -0.61	50.77 4.32 0.00	46.92 3.99 0.00	42.78 3.71 0.00	41.99 3.64 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.53 5.32 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.49 2.12 0.00
RAVENSWOOD_GT3_2 24249	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.46 4.21 0.00	52.96 4.51 0.00	50.00 4.33 -0.61	50.77 4.32 0.00	46.92 3.99 0.00	42.78 3.71 0.00	41.99 3.64 0.00	40.39 3.57 0.00	42.01 3.82 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.53 5.32 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.49 2.12 0.00
RAVENSWOOD_GT3_3 24250	37.63 1.33 -11.21	34.13 1.27 -9.37	33.52 1.15 -9.83	31.99 1.09 -8.61	33.94 1.17 -9.37	34.20 1.44 -6.12	48.81 1.89 -16.46	50.55 4.30 0.00	53.06 4.60 0.00	50.09 4.42 -0.61	50.86 4.41 0.00	46.96 4.03 0.00	42.86 3.79 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.09 3.90 0.00	48.08 3.61 -6.45	54.23 3.90 -7.53	56.51 4.47 -4.01	62.65 5.44 0.00	55.14 4.32 0.00	45.27 3.55 0.00	40.09 2.80 0.00	37.57 2.19 0.00
RAVENSWOOD_GT3_4 24251	37.63 1.33 -11.21	34.13 1.27 -9.37	33.52 1.15 -9.83	31.99 1.09 -8.61	33.94 1.17 -9.37	34.20 1.44 -6.12	48.81 1.89 -16.46	50.55 4.30 0.00	53.06 4.60 0.00	50.09 4.42 -0.61	50.86 4.41 0.00	46.96 4.03 0.00	42.86 3.79 0.00	42.07 3.72 0.00	40.46 3.64 0.00	42.09 3.90 0.00	48.08 3.61 -6.45	54.23 3.90 -7.53	56.51 4.47 -4.01	62.65 5.44 0.00	55.14 4.32 0.00	45.27 3.55 0.00	40.09 2.80 0.00	37.57 2.19 0.00
RAVENSWOOD_GT_1 23729	39.58 1.45 -13.04	36.49 1.36 -11.63	33.66 1.26 -9.86	32.09 1.18 -8.61	34.05 1.26 -9.38	34.31 1.55 -6.12	49.32 2.01 -16.84	52.99 4.49 -2.25	56.34 4.80 -3.09	53.70 4.60 -4.05	52.03 4.60 -0.98	49.43 4.25 -2.26	46.57 3.95 -3.56	48.17 3.87 -5.95	48.63 3.79 -8.02	48.11 4.05 -5.87	49.22 3.76 -7.44	54.51 4.07 -7.64	56.71 4.66 -4.01	66.56 5.66 -3.68	55.34 4.52 0.00	48.69 3.75 -3.22	42.42 2.95 -2.18	39.53 2.33 -1.82
RAVENSWOOD_GT_10 24258	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.60	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.42 4.21 0.05	52.81 4.51 0.16	49.83 4.33 -0.44	50.72 4.32 0.05	46.80 3.99 0.11	42.60 3.71 0.18	41.61 3.64 0.38	39.84 3.57 0.55	41.64 3.82 0.37	47.98 3.54 -6.43	54.18 3.85 -7.53	56.42 4.37 -4.01	62.38 5.32 0.15	55.04 4.22 0.00	45.05 3.46 0.13	39.98 2.72 0.04	37.49 2.12 0.00
RAVENSWOOD_GT_11 24259	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.60	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.42 4.21 0.05	52.81 4.51 0.16	49.83 4.33 -0.44	50.72 4.32 0.05	46.80 3.99 0.11	42.60 3.71 0.18	41.61 3.64 0.38	39.84 3.57 0.55	41.64 3.82 0.37	47.98 3.54 -6.43	54.18 3.85 -7.53	56.42 4.37 -4.01	62.38 5.32 0.15	55.04 4.22 0.00	45.05 3.46 0.13	39.98 2.72 0.04	37.49 2.12 0.00
RAVENSWOOD_GT_4 24252	38.96 1.28 -12.60	35.77 1.20 -11.08	33.49 1.10 -9.84	31.94 1.05 -8.60	33.89 1.12 -9.36	34.15 1.39 -6.12	49.04 1.83 -16.75	51.43 4.16 -1.02	52.91 4.46 0.01	49.95 4.28 -0.61	50.72 4.27 0.01	46.88 3.95 -0.01	42.73 3.67 0.01	40.70 3.60 1.25	38.15 3.53 2.20	40.75 3.78 1.22	48.40 3.50 -6.89	54.14 3.81 -7.53	56.37 4.32 -4.01	62.99 5.26 -0.51	55.04 4.22 0.00	45.61 3.46 -0.43	40.96 2.69 -0.98	38.85 2.09 -1.39
RAVENSWOOD_GT_5 24254	38.96 1.28 -12.60	35.77 1.20 -11.08	33.49 1.10 -9.84	31.94 1.05 -8.60	33.89 1.12 -9.36	34.15 1.39 -6.12	49.04 1.83 -16.75	51.43 4.16 -1.02	52.91 4.46 0.01	49.95 4.28 -0.61	50.72 4.27 0.01	46.88 3.95 -0.01	42.73 3.67 0.01	40.70 3.60 1.25	38.15 3.53 2.20	40.75 3.78 1.22	48.40 3.50 -6.89	54.14 3.81 -7.53	56.37 4.32 -4.01	62.99 5.26 -0.51	55.04 4.22 0.00	45.61 3.46 -0.43	40.96 2.69 -0.98	38.85 2.09 -1.39
RAVENSWOOD_GT_6 24253	38.96 1.28 -12.60	35.77 1.20 -11.08	33.49 1.10 -9.84	31.94 1.05 -8.60	33.89 1.12 -9.36	34.15 1.39 -6.12	49.04 1.83 -16.75	51.43 4.16 -1.02	52.91 4.46 0.01	49.95 4.28 -0.61	50.72 4.27 0.01	46.88 3.95 -0.01	42.73 3.67 0.01	40.70 3.60 1.25	38.15 3.53 2.20	40.75 3.78 1.22	48.40 3.50 -6.89	54.14 3.81 -7.53	56.37 4.32 -4.01	62.99 5.26 -0.51	55.04 4.22 0.00	45.61 3.46 -0.43	40.96 2.69 -0.98	38.85 2.09 -1.39
RAVENSWOOD_GT_7 24255	38.96 1.28 -12.60	35.77 1.20 -11.08	33.49 1.10 -9.84	31.94 1.05 -8.60	33.89 1.12 -9.36	34.15 1.39 -6.12	49.04 1.83 -16.75	51.43 4.16 -1.02	52.91 4.46 0.01	49.95 4.28 -0.61	50.72 4.27 0.01	46.88 3.95 -0.01	42.73 3.67 0.01	40.70 3.60 1.25	38.15 3.53 2.20	40.75 3.78 1.22	48.40 3.50 -6.89	54.14 3.81 -7.53	56.37 4.32 -4.01	62.99 5.26 -0.51	55.04 4.22 0.00	45.61 3.46 -0.43	40.96 2.69 -0.98	38.85 2.09 -1.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.60	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.42 4.21 0.05	52.81 4.51 0.16	49.83 4.33 -0.44	50.72 4.32 0.05	46.80 3.99 0.11	42.60 3.71 0.18	41.61 3.64 0.38	39.84 3.57 0.55	41.64 3.82 0.37	47.98 3.54 -6.43	54.18 3.85 -7.53	56.42 4.37 -4.01	62.38 5.32 0.15	55.04 4.22 0.00	45.05 3.46 0.13	39.98 2.72 0.04	37.49 2.12 0.00

RAVENSWOOD_GT_9 24257	37.60 1.30 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.60	33.92 1.15 -9.37	34.17 1.41 -6.12	48.78 1.86 -16.46	50.42 4.21 0.05	52.81 4.51 0.16	49.83 4.33 -0.44	50.72 4.32 0.05	46.80 3.99 0.11	42.60 3.71 0.18	41.61 3.64 0.38	39.84 3.57 0.55	41.64 3.82 0.37	47.98 3.54 -6.43	54.18 3.85 -7.53	56.42 4.37 -4.01	62.38 5.32 0.15	55.04 4.22 0.00	45.05 3.46 0.13	39.98 2.72 0.04	37.49 2.12 0.00
RAVENSWOOD___1 23533	37.76 1.45 -11.22	34.21 1.34 -9.38	33.62 1.24 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.51 2.01 -15.04	51.15 4.44 -0.46	54.75 4.75 -1.54	51.98 4.60 -2.32	51.59 4.64 -0.49	48.25 4.21 -1.12	44.78 3.94 -1.77	45.99 3.87 -3.78	46.00 3.76 -5.42	45.99 4.09 -3.71	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.50	55.30 4.47 0.00	46.75 3.71 -1.32	40.68 2.95 -0.44	37.71 2.33 0.00
RAVENSWOOD___2 23534	37.76 1.45 -11.22	34.21 1.34 -9.38	33.62 1.24 -9.84	32.08 1.18 -8.61	34.04 1.26 -9.37	34.31 1.54 -6.12	47.51 2.01 -15.04	51.15 4.44 -0.45	54.74 4.75 -1.53	51.93 4.55 -2.32	51.58 4.64 -0.49	48.25 4.21 -1.11	44.78 3.94 -1.77	45.94 3.83 -3.76	45.98 3.76 -5.40	45.98 4.09 -3.70	48.40 3.73 -6.65	54.46 4.07 -7.59	56.66 4.61 -4.01	64.37 5.67 -1.49	55.30 4.47 0.00	46.75 3.71 -1.31	40.65 2.91 -0.44	37.67 2.30 0.00
RAVENSWOOD___3 23535	37.63 1.33 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.96 1.07 -8.61	33.92 1.15 -9.37	34.17 1.41 -6.12	47.36 1.86 -15.04	50.46 4.21 0.00	52.96 4.51 0.00	50.00 4.33 -0.61	50.87 4.42 0.00	46.92 3.99 0.00	42.82 3.75 0.00	41.99 3.64 0.00	40.39 3.57 0.00	42.09 3.90 0.00	48.04 3.57 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.59 5.38 0.00	55.09 4.27 0.00	45.23 3.51 0.00	40.02 2.72 0.00	37.49 2.12 0.00
RAVENSWOOD___4 23820	35.94 1.43 -9.43	31.99 1.34 -7.15	33.61 1.24 -9.83	32.06 1.16 -8.61	34.04 1.26 -9.37	34.28 1.52 -6.12	47.10 1.98 -14.66	49.38 4.44 1.31	53.21 4.75 -0.01	50.23 4.55 -0.62	51.06 4.60 -0.01	47.13 4.21 0.01	42.98 3.91 -0.01	43.80 3.83 -1.62	43.42 3.76 -2.85	43.82 4.05 -1.58	47.58 3.69 -5.87	54.41 4.07 -7.54	56.66 4.61 -4.01	62.22 5.67 0.66	55.30 4.47 0.00	44.88 3.71 0.56	38.94 2.91 1.27	35.88 2.30 1.79
RCPL_TRUST___DRP 24196	37.65 1.35 -11.21	34.15 1.29 -9.37	33.57 1.19 -9.83	32.03 1.14 -8.60	33.99 1.22 -9.37	34.28 1.52 -6.12	48.87 1.95 -16.45	50.74 4.49 0.00	53.25 4.80 0.00	50.32 4.64 -0.61	51.05 4.60 0.00	47.13 4.21 0.00	43.05 3.98 0.00	42.26 3.91 0.00	40.68 3.87 0.00	42.32 4.12 0.00	48.23 3.76 -6.45	54.44 4.11 -7.53	56.71 4.66 -4.01	62.88 5.66 0.00	55.34 4.52 0.00	45.39 3.67 0.00	40.13 2.83 0.00	37.60 2.23 0.00
RED___ROCHESTER 323720	25.83 -0.63 -1.37	24.01 -0.63 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	24.01 -0.54 -1.14	26.78 -0.61 -0.75	32.10 -0.12 -1.76	45.28 -0.97 0.00	47.05 -1.41 0.00	43.92 -1.21 -0.07	44.92 -1.53 0.00	41.64 -1.29 0.00	37.97 -1.09 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.24 -0.95 0.00	37.90 -0.87 -0.75	42.44 -1.24 -0.88	47.45 -1.06 -0.47	55.72 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
REGAN___SOLAR 323812	42.03 1.91 -15.04	37.80 1.74 -12.57	37.40 1.67 -13.19	35.44 1.61 -11.54	37.68 1.71 -12.56	36.87 2.02 -8.21	53.76 2.53 -20.77	50.55 4.30 0.00	52.82 4.36 0.00	49.38 3.47 -0.85	50.03 3.58 0.00	46.27 3.35 0.00	42.08 3.01 0.00	41.26 2.91 0.00	39.69 2.87 0.00	41.44 3.24 0.00	50.15 3.23 -8.91	57.10 3.89 -10.41	58.42 4.85 -5.53	62.93 5.72 0.00	55.81 4.98 0.00	45.69 3.97 0.00	40.62 3.32 0.00	38.24 2.86 0.00
RENSSELAER___COGEN 23796	39.66 0.98 -13.60	35.73 0.87 -11.36	35.32 0.86 -11.93	33.57 0.85 -10.44	35.63 0.87 -11.36	35.07 1.01 -7.42	50.27 1.40 -18.40	48.66 2.40 0.00	50.97 2.52 0.00	48.11 2.30 -0.76	48.86 2.41 0.00	45.11 2.19 0.00	40.75 1.68 0.00	39.65 1.30 0.00	37.84 1.03 0.00	39.38 1.19 0.00	47.39 1.48 -7.89	53.69 1.67 -9.21	54.87 1.92 -4.90	59.50 2.29 0.00	52.60 1.78 0.00	43.14 1.42 0.00	38.38 1.08 0.00	36.08 0.71 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.28 2.16 -14.04	37.15 1.93 -11.73	36.68 1.83 -12.32	34.78 1.72 -10.78	36.94 1.80 -11.73	36.52 2.21 -7.66	53.32 2.25 -20.61	50.60 4.35 0.00	53.20 4.75 0.00	49.90 4.06 -0.78	50.82 4.37 0.00	46.70 3.78 0.00	42.31 3.24 0.00	41.42 3.07 0.00	39.94 3.13 0.00	41.97 3.78 0.00	49.63 3.42 -8.19	56.48 4.11 -9.57	57.88 4.76 -5.09	62.59 5.38 0.00	55.60 4.78 0.00	45.31 3.59 0.00	40.91 3.62 0.00	38.38 3.01 0.00
REVERE_CPWR_DRP 24186	26.03 0.38 -0.57	24.37 0.40 -0.48	23.45 0.41 -0.50	23.13 0.40 -0.44	24.33 0.44 -0.48	27.51 0.56 -0.31	32.06 0.76 -0.84	47.64 1.39 0.00	49.76 1.31 0.00	45.90 0.81 -0.03	47.43 0.98 0.00	43.83 0.90 0.00	39.93 0.86 0.00	39.23 0.88 0.00	37.70 0.88 0.00	39.11 0.92 0.00	39.19 0.87 -0.29	44.22 1.07 -0.34	49.71 1.49 -0.18	58.99 1.77 0.00	52.19 1.37 0.00	42.81 1.08 0.00	38.15 0.86 0.00	36.15 0.78 0.00
REYNOLDS_115KV_TB3 80639	39.73 1.03 -13.62	35.81 0.94 -11.38	35.36 0.88 -11.94	33.61 0.87 -10.45	35.69 0.91 -11.37	35.11 1.04 -7.43	51.88 1.43 -19.98	48.61 2.36 0.00	50.93 2.47 0.00	48.12 2.30 -0.76	48.82 2.37 0.00	45.07 2.15 0.00	40.83 1.76 0.00	39.80 1.46 0.00	38.10 1.29 0.00	39.60 1.41 0.00	47.79 1.86 -7.91	54.14 2.10 -9.24	55.31 2.35 -4.91	60.02 2.80 0.00	53.06 2.24 0.00	43.52 1.79 0.00	38.71 1.42 0.00	36.40 1.03 0.00
RIVERBAY____ 323610	37.76 1.45 -11.22	34.28 1.41 -9.38	33.71 1.33 -9.84	32.17 1.27 -8.61	34.14 1.36 -9.37	34.33 1.57 -6.12	48.96 2.04 -16.46	50.73 4.49 0.01	53.24 4.80 0.01	50.22 4.55 -0.61	50.95 4.51 0.01	47.04 4.12 0.01	42.89 3.83 0.01	42.10 3.76 0.01	40.45 3.64 0.01	42.08 3.90 0.01	48.07 3.61 -6.44	54.27 3.94 -7.52	56.51 4.47 -4.01	62.75 5.55 0.01	55.24 4.42 0.00	45.34 3.63 0.01	40.12 2.83 0.01	37.57 2.19 0.00
RIVERSIDE_115KV_TB3 55908	39.76 1.03 -13.65	35.84 0.94 -11.41	35.41 0.90 -11.97	33.66 0.89 -10.48	35.72 0.91 -11.40	35.16 1.07 -7.45	51.96 1.46 -20.03	48.70 2.45 0.00	51.02 2.57 0.00	48.21 2.39 -0.76	48.91 2.46 0.00	45.16 2.23 0.00	40.83 1.76 0.00	39.80 1.46 0.00	38.03 1.21 0.00	39.53 1.34 0.00	47.66 1.71 -7.93	54.00 1.93 -9.27	55.13 2.16 -4.93	59.79 2.57 0.00	52.85 2.03 0.00	43.31 1.59 0.00	38.57 1.27 0.00	36.26 0.88 0.00
ROARING___BROOK_WT_PWR 323790	24.43 -0.65 0.00	22.88 -0.61 0.00	21.96 -0.59 0.00	21.69 -0.60 0.00	22.78 -0.63 0.00	25.90 -0.75 0.00	29.64 -0.82 0.00	45.10 -1.15 0.00	47.29 -1.16 0.00	44.03 -1.03 0.00	45.38 -1.07 0.00	41.98 -0.94 0.00	38.21 -0.86 0.00	37.50 -0.84 0.00	36.01 -0.81 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	41.99 -0.81 0.00	47.13 -0.91 0.00	56.12 -1.09 0.00	50.01 -0.82 0.00	40.76 -0.96 0.00	36.51 -0.79 0.00	34.70 -0.67 0.00

ROCHESRG_115KV_T4 355643	25.64 -0.80 -1.36	23.88 -0.75 -1.14	22.99 -0.74 -1.19	22.60 -0.74 -1.04	23.75 -0.80 -1.14	26.43 -0.96 -0.74	32.06 -0.40 -2.00	44.77 -1.48 0.00	46.56 -1.89 0.00	43.46 -1.67 -0.07	44.55 -1.90 0.00	41.21 -1.72 0.00	37.62 -1.45 0.00	37.12 -1.23 0.00	35.64 -1.18 0.00	36.97 -1.22 0.00	37.51 -1.25 -0.75	41.97 -1.71 -0.87	46.97 -1.54 -0.46	55.10 -2.12 0.00	49.20 -1.63 0.00	40.34 -1.38 0.00	36.36 -0.93 0.00	34.88 -0.50 0.00
ROCHESTER_9_IC 23652	25.75 -0.70 -1.37	23.96 -0.68 -1.15	23.09 -0.65 -1.20	22.69 -0.65 -1.05	23.87 -0.68 -1.14	26.54 -0.85 -0.75	32.23 -0.24 -2.01	45.05 -1.20 0.00	46.86 -1.60 0.00	43.69 -1.44 -0.07	44.82 -1.63 0.00	41.42 -1.50 0.00	37.86 -1.21 0.00	37.35 -1.00 0.00	35.86 -0.96 0.00	37.20 -0.99 0.00	37.74 -1.03 -0.75	42.19 -1.50 -0.88	47.21 -1.30 -0.47	55.44 -1.77 0.00	49.50 -1.32 0.00	40.60 -1.13 0.00	36.55 -0.75 0.00	35.05 -0.32 0.00
ROCKVIEW_13_KV_LD 356306	37.63 1.33 -11.21	34.11 1.25 -9.37	33.52 1.15 -9.83	31.99 1.09 -8.61	33.92 1.15 -9.37	34.20 1.44 -6.12	48.81 1.89 -16.46	50.41 4.16 0.00	52.91 4.46 0.00	49.95 4.28 -0.61	50.77 4.32 0.00	46.87 3.95 0.00	42.74 3.67 0.00	41.95 3.60 0.00	40.31 3.50 0.00	41.93 3.74 0.00	47.96 3.50 -6.45	54.19 3.85 -7.53	56.42 4.37 -4.01	62.53 5.32 0.00	55.09 4.27 0.00	45.18 3.46 0.00	39.98 2.69 0.00	37.49 2.12 0.00
ROME____115KV_TB2 80656	26.03 0.38 -0.57	24.37 0.40 -0.48	23.45 0.41 -0.50	23.13 0.40 -0.44	24.33 0.44 -0.48	27.51 0.56 -0.31	32.06 0.76 -0.84	47.64 1.39 0.00	49.76 1.31 0.00	45.90 0.81 -0.03	47.43 0.98 0.00	43.83 0.90 0.00	39.93 0.86 0.00	39.23 0.88 0.00	37.70 0.88 0.00	39.11 0.92 0.00	39.19 0.87 -0.29	44.22 1.07 -0.34	49.71 1.49 -0.18	58.99 1.77 0.00	52.19 1.37 0.00	42.81 1.08 0.00	38.15 0.86 0.00	36.15 0.78 0.00
ROSETON___1 23587	37.23 1.00 -11.14	33.74 0.94 -9.30	33.19 0.88 -9.77	31.68 0.85 -8.55	33.60 0.89 -9.30	33.81 1.09 -6.08	46.86 1.46 -14.94	49.54 3.28 0.00	51.99 3.54 0.00	49.05 3.38 -0.61	49.89 3.44 0.00	46.06 3.13 0.00	42.00 2.93 0.00	41.18 2.84 0.00	39.58 2.76 0.00	41.21 3.02 0.00	47.19 2.77 -6.40	53.32 3.04 -7.48	55.48 3.46 -3.98	61.39 4.17 0.00	54.12 3.30 0.00	44.43 2.71 0.00	39.38 2.09 0.00	36.97 1.59 0.00
ROSETON___2 23588	37.23 1.00 -11.14	33.74 0.94 -9.30	33.19 0.88 -9.77	31.68 0.85 -8.55	33.60 0.89 -9.30	33.81 1.09 -6.08	46.86 1.46 -14.94	49.54 3.28 0.00	51.99 3.54 0.00	49.05 3.38 -0.61	49.89 3.44 0.00	46.06 3.13 0.00	42.00 2.93 0.00	41.18 2.84 0.00	39.58 2.76 0.00	41.21 3.02 0.00	47.19 2.77 -6.40	53.32 3.04 -7.48	55.48 3.46 -3.98	61.39 4.17 0.00	54.12 3.30 0.00	44.43 2.71 0.00	39.38 2.09 0.00	36.97 1.59 0.00
ROTRDAM_115KV_TB3 80664	40.09 0.80 -14.20	36.08 0.73 -11.86	35.69 0.70 -12.45	33.88 0.69 -10.90	35.99 0.73 -11.86	35.21 0.83 -7.75	52.39 1.10 -20.83	48.29 2.04 0.00	50.63 2.18 0.00	47.80 1.94 -0.80	48.45 2.00 0.00	44.73 1.80 0.00	40.71 1.64 0.00	39.92 1.57 0.00	38.36 1.55 0.00	39.87 1.68 0.00	48.16 1.79 -8.35	54.57 2.01 -9.76	55.68 2.45 -5.19	60.07 2.86 0.00	53.21 2.39 0.00	43.64 1.92 0.00	38.90 1.60 0.00	36.68 1.31 0.00
RUSSELL___1 23602	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
RUSSELL___2 23532	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
RUSSELL___3 23549	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
RUSSELL___4 23556	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
RUSSELL___STATION 23914	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
S SALMON___HYD 24043	25.38 -0.50 -0.80	23.71 -0.45 -0.66	22.81 -0.43 -0.70	22.50 -0.40 -0.61	23.63 -0.45 -0.66	26.65 -0.43 -0.43	31.21 -0.24 -1.00	45.74 -0.51 0.00	47.73 -0.73 0.00	44.15 -0.95 -0.04	45.52 -0.93 0.00	42.02 -0.90 0.00	38.25 -0.82 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.43 -0.76 0.00	37.57 -0.87 -0.43	42.40 -0.90 -0.50	47.53 -0.77 -0.27	56.36 -0.86 0.00	49.96 -0.86 0.00	41.05 -0.67 0.00	36.66 -0.63 0.00	34.84 -0.53 0.00
S.PERRY__115KV_TB1 80734	26.41 -0.63 -1.95	24.49 -0.63 -1.63	23.64 -0.61 -1.71	23.21 -0.58 -1.50	24.45 -0.59 -1.63	26.99 -0.72 -1.06	33.42 0.09 -2.86	45.79 -0.46 0.00	47.15 -1.31 0.00	43.36 -1.80 -0.10	44.50 -1.95 0.00	41.21 -1.72 0.00	37.54 -1.52 0.00	36.97 -1.38 0.00	35.45 -1.36 0.00	36.78 -1.41 0.00	37.59 -1.52 -1.09	42.41 -1.67 -1.27	47.80 -0.91 -0.68	56.53 -0.69 0.00	50.62 -0.20 0.00	41.30 -0.42 0.00	37.15 -0.15 0.00	35.55 0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.08 -1.76 -1.75	23.34 -1.62 -1.47	22.48 -1.60 -1.54	22.03 -1.60 -1.35	23.14 -1.73 -1.47	25.58 -2.02 -0.96	31.70 -1.34 -2.57	43.34 -2.91 0.00	45.06 -3.39 0.00	41.73 -3.42 -0.09	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.12 -2.22 0.00	34.61 -2.21 0.00	35.90 -2.29 0.00	36.29 -2.70 -0.97	40.39 -3.55 -1.13	45.38 -3.27 -0.60	53.44 -3.78 0.00	47.87 -2.95 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.49 -0.88 0.00

SAWYER___23_KV_LOAD 55526	25.08 -1.76 -1.75	23.34 -1.62 -1.47	22.48 -1.60 -1.54	22.03 -1.60 -1.35	23.14 -1.73 -1.47	25.58 -2.02 -0.96	31.70 -1.34 -2.57	43.34 -2.91 0.00	45.06 -3.39 0.00	41.73 -3.42 0.00	43.11 -3.34 0.00	39.96 -2.96 0.00	36.49 -2.58 0.00	36.12 -2.22 0.00	34.61 -2.21 0.00	35.90 -2.29 0.00	36.29 -2.70 -0.97	40.39 -3.55 -1.13	45.38 -3.27 -0.60	53.44 -3.78 0.00	47.87 -2.95 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.49 -0.88 0.00
SELKIRK___I 23801	39.40 0.90 -13.42	35.55 0.84 -11.21	35.12 0.81 -11.76	33.39 0.80 -10.29	35.45 0.84 -11.20	34.89 0.93 -7.32	49.95 1.37 -18.11	48.66 2.40 0.00	50.92 2.47 0.00	47.97 2.16 -0.74	48.73 2.28 0.00	44.98 2.06 0.00	40.75 1.68 0.00	39.77 1.42 0.00	38.07 1.25 0.00	39.61 1.41 0.00	47.41 1.63 -7.76	53.70 1.84 -9.06	54.97 2.11 -4.82	59.79 2.58 0.00	52.96 2.13 0.00	43.39 1.67 0.00	38.64 1.34 0.00	36.40 1.03 0.00
SELKIRK___II 23799	39.46 0.83 -13.55	35.58 0.77 -11.32	35.16 0.74 -11.88	33.42 0.73 -10.39	35.49 0.77 -11.31	34.88 0.85 -7.39	50.04 1.28 -18.30	48.52 2.27 0.00	50.83 2.37 0.00	47.97 2.16 -0.75	48.73 2.28 0.00	44.94 2.02 0.00	40.75 1.68 0.00	39.73 1.38 0.00	38.03 1.21 0.00	39.53 1.34 0.00	47.45 1.60 -7.83	53.71 1.76 -9.15	54.93 2.02 -4.87	59.67 2.46 0.00	52.80 1.98 0.00	43.27 1.54 0.00	38.49 1.19 0.00	36.26 0.88 0.00
SENECA OSWGO___HYD 24041	25.62 -0.35 -0.89	23.88 -0.35 -0.74	22.98 -0.34 -0.78	22.66 -0.31 -0.68	23.82 -0.33 -0.74	26.75 -0.37 -0.48	31.43 -0.15 -1.12	45.60 -0.65 0.00	47.58 -0.87 0.00	44.25 -0.86 -0.05	45.57 -0.88 0.00	42.11 -0.82 0.00	38.32 -0.74 0.00	37.62 -0.73 0.00	36.11 -0.70 0.00	37.51 -0.69 0.00	37.77 -0.72 -0.48	42.51 -0.86 -0.56	47.52 -0.82 -0.30	56.18 -1.03 0.00	49.91 -0.91 0.00	41.01 -0.71 0.00	36.74 -0.56 0.00	34.95 -0.42 0.00
SENECA___115KV_TB3 355854	25.16 -1.76 -1.83	23.40 -1.62 -1.53	22.52 -1.62 -1.60	22.09 -1.60 -1.40	23.20 -1.73 -1.53	25.64 -2.00 -1.00	31.87 -1.28 -2.68	43.75 -2.50 0.00	45.55 -2.91 0.00	41.91 -3.24 -0.10	43.52 -2.93 0.00	40.35 -2.58 0.00	36.80 -2.27 0.00	36.47 -1.88 0.00	34.94 -1.88 0.00	36.24 -1.95 0.00	36.44 -2.59 -1.01	40.64 -3.34 -1.18	45.64 -3.03 -0.63	54.07 -3.15 0.00	48.48 -2.34 0.00	39.89 -1.84 0.00	35.95 -1.34 0.00	34.84 -0.53 0.00
SENECA___ENERGY 23797	26.10 -0.43 -1.44	24.27 -0.42 -1.20	23.40 -0.41 -1.26	23.01 -0.38 -1.10	24.23 -0.38 -1.20	27.03 -0.40 -0.78	32.35 0.03 -1.85	45.98 -0.28 0.00	47.88 -0.58 0.00	44.37 -0.77 -0.08	45.66 -0.79 0.00	42.24 -0.69 0.00	38.44 -0.63 0.00	37.81 -0.54 0.00	36.26 -0.55 0.00	37.62 -0.57 0.00	38.16 -0.65 -0.79	43.00 -0.73 -0.93	48.05 -0.48 -0.49	56.58 -0.63 0.00	50.41 -0.41 0.00	41.30 -0.42 0.00	37.00 -0.30 0.00	35.27 -0.11 0.00
SHOEMAKER___GT 23640	36.00 0.78 -10.14	32.74 0.77 -8.47	32.15 0.72 -8.89	30.74 0.67 -7.78	32.60 0.73 -8.47	33.05 0.88 -5.53	45.27 1.22 -13.59	48.93 2.68 0.00	51.36 2.91 0.00	48.36 2.75 -0.56	49.28 2.83 0.00	45.50 2.58 0.00	41.41 2.34 0.00	40.65 2.30 0.00	39.06 2.25 0.00	40.64 2.45 0.00	46.12 2.28 -5.82	52.13 2.52 -6.80	54.54 2.88 -3.62	60.76 3.55 0.00	53.62 2.79 0.00	43.93 2.21 0.00	39.01 1.72 0.00	36.72 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	35.93 0.78 -10.07	32.68 0.78 -8.41	32.07 0.70 -8.83	30.69 0.67 -7.73	32.52 0.70 -8.41	32.99 0.85 -5.49	46.43 1.19 -14.78	48.98 2.73 0.00	51.36 2.91 0.00	48.41 2.79 -0.55	49.28 2.83 0.00	45.50 2.58 0.00	41.45 2.38 0.00	40.65 2.30 0.00	39.06 2.25 0.00	40.64 2.44 0.00	46.08 2.28 -5.79	52.09 2.53 -6.76	54.52 2.88 -3.59	60.76 3.55 0.00	53.62 2.80 0.00	43.97 2.25 0.00	39.01 1.72 0.00	36.72 1.34 0.00
SHOREHAM_IC_1 23715	37.02 0.73 -11.21	33.47 0.61 -9.36	32.91 0.54 -9.83	31.29 0.40 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.38 0.88 -15.04	48.83 2.59 0.01	51.35 2.91 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.50 4.29 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.50 2.20 0.00	36.64 1.27 0.00
SHOREHAM_IC_2 23716	37.02 0.73 -11.21	33.47 0.61 -9.36	32.91 0.54 -9.83	31.29 0.40 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.38 0.88 -15.04	48.83 2.59 0.01	51.35 2.91 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.74 3.70 -4.00	61.50 4.29 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.50 2.20 0.00	36.64 1.27 0.00
SISSONVILLE____ 23735	23.78 -1.30 0.00	22.30 -1.20 0.00	21.39 -1.15 0.00	21.11 -1.18 0.00	22.21 -1.19 0.00	30.72 -1.28 -5.35	34.69 -1.71 -5.93	52.07 -2.31 -8.13	54.43 -2.28 -8.25	50.83 -2.03 -7.80	44.36 -2.09 0.00	40.99 -1.93 0.00	37.31 -1.76 0.00	36.66 -1.69 0.00	35.23 -1.58 0.00	36.24 -1.95 0.00	41.84 -1.94 -5.76	48.74 -1.75 -7.69	54.33 -2.11 -8.41	54.81 -2.40 0.00	49.25 -1.58 0.00	40.34 -1.38 0.00	36.07 -1.23 0.00	34.28 -1.10 0.00
SITHE_IND_GS1 24169	25.21 -0.55 -0.68	23.54 -0.52 -0.57	22.64 -0.50 -0.59	22.32 -0.49 -0.52	23.48 -0.49 -0.57	26.45 -0.56 -0.37	30.85 -0.46 -0.84	45.05 -1.20 0.00	47.00 -1.45 0.00	43.70 -1.40 -0.03	45.01 -1.44 0.00	41.59 -1.33 0.00	37.90 -1.17 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	37.05 -1.14 0.00	37.24 -1.14 -0.36	41.90 -1.33 -0.42	46.87 -1.39 -0.22	55.55 -1.66 0.00	49.35 -1.48 0.00	40.64 -1.08 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
SITHE_IND_GS2 24170	25.21 -0.55 -0.68	23.54 -0.52 -0.57	22.64 -0.50 -0.59	22.32 -0.49 -0.52	23.48 -0.49 -0.57	26.45 -0.56 -0.37	30.85 -0.46 -0.84	45.05 -1.20 0.00	47.00 -1.45 0.00	43.70 -1.40 -0.03	45.01 -1.44 0.00	41.59 -1.33 0.00	37.90 -1.17 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	37.05 -1.14 0.00	37.24 -1.14 -0.36	41.90 -1.33 -0.42	46.87 -1.39 -0.22	55.55 -1.66 0.00	49.35 -1.48 0.00	40.64 -1.08 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
SITHE_IND_GS3 24171	25.21 -0.55 -0.68	23.54 -0.52 -0.57	22.64 -0.50 -0.59	22.32 -0.49 -0.52	23.48 -0.49 -0.57	26.45 -0.56 -0.37	30.85 -0.46 -0.84	45.05 -1.20 0.00	47.00 -1.45 0.00	43.70 -1.40 -0.03	45.01 -1.44 0.00	41.59 -1.33 0.00	37.90 -1.17 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	37.05 -1.14 0.00	37.24 -1.14 -0.36	41.90 -1.33 -0.42	46.87 -1.39 -0.22	55.55 -1.66 0.00	49.35 -1.48 0.00	40.64 -1.08 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
SITHE_IND_GS4 24172	25.21 -0.55 -0.68	23.54 -0.52 -0.57	22.64 -0.50 -0.59	22.32 -0.49 -0.52	23.48 -0.49 -0.57	26.45 -0.56 -0.37	30.85 -0.46 -0.84	45.05 -1.20 0.00	47.00 -1.45 0.00	43.70 -1.40 -0.03	45.01 -1.44 0.00	41.59 -1.33 0.00	37.90 -1.17 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	37.05 -1.14 0.00	37.24 -1.14 -0.36	41.90 -1.33 -0.42	46.87 -1.39 -0.22	55.55 -1.66 0.00	49.35 -1.48 0.00	40.64 -1.08 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00

SITHE___BATAVIA 24024	25.69 -0.95 -1.56	23.83 -0.96 -1.30	23.03 -0.88 -1.37	22.64 -0.85 -1.20	23.89 -0.82 -1.30	26.59 -0.91 -0.85	32.17 -0.30 -2.02	45.01 -1.25 0.00	46.61 -1.84 0.00	43.20 -1.94 -0.08	44.22 -2.23 0.00	40.99 -1.93 0.00	37.39 -1.68 0.00	37.08 -1.26 0.00	35.60 -1.21 0.00	36.66 -1.53 0.00	37.28 -1.60 -0.86	41.76 -2.05 -1.01	46.94 -1.63 -0.54	55.38 -1.83 0.00	49.65 -1.17 0.00	40.68 -1.04 0.00	36.70 -0.60 0.00	35.34 -0.04 0.00
SITHE___INDEPEND 23800	25.21 -0.55 -0.68	23.54 -0.52 -0.57	22.64 -0.50 -0.59	22.32 -0.49 -0.52	23.46 -0.51 -0.57	26.43 -0.59 -0.37	31.00 -0.46 -1.00	45.05 -1.20 0.00	47.00 -1.45 0.00	43.70 -1.40 -0.03	45.06 -1.39 0.00	41.59 -1.33 0.00	37.90 -1.17 0.00	37.20 -1.15 0.00	35.71 -1.10 0.00	37.08 -1.11 0.00	37.24 -1.14 -0.36	41.90 -1.33 -0.42	46.87 -1.39 -0.22	55.55 -1.66 0.00	49.35 -1.47 0.00	40.64 -1.08 0.00	36.48 -0.82 0.00	34.70 -0.67 0.00
SITHE___MASSENA 23902	24.58 -0.50 0.00	23.02 -0.47 0.00	22.09 -0.45 0.00	21.82 -0.47 0.00	22.91 -0.49 0.00	27.31 -0.56 -1.23	31.09 -0.73 -1.36	47.15 -0.97 -1.87	49.49 -0.87 -1.90	46.18 -0.67 -1.80	45.75 -0.70 0.00	42.28 -0.64 0.00	38.48 -0.58 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.39 -0.80 0.00	38.21 -0.80 -1.00	43.98 -0.60 -1.77	49.11 -0.86 -1.94	56.29 -0.92 0.00	50.57 -0.25 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
SITHE___OGDNSBRG 24021	24.51 -0.58 0.00	22.98 -0.52 0.00	22.07 -0.47 0.00	21.78 -0.51 0.00	22.89 -0.51 0.00	29.93 -0.48 -3.76	33.84 -0.79 -4.17	50.98 -0.97 -5.70	53.27 -0.97 -5.78	49.63 -0.90 -5.47	45.52 -0.93 0.00	42.02 -0.90 0.00	38.25 -0.82 0.00	37.58 -0.77 0.00	36.15 -0.66 0.00	37.16 -1.03 0.00	40.94 -0.99 -3.91	47.51 -0.68 -5.39	53.12 -0.82 -5.89	56.47 -0.74 0.00	50.72 -0.10 0.00	41.51 -0.21 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
SITHE___STERLING 23777	26.10 0.35 -0.66	24.40 0.35 -0.55	23.46 0.34 -0.58	23.15 0.36 -0.51	24.31 0.35 -0.55	27.49 0.48 -0.36	32.00 0.73 -0.81	47.45 1.20 0.00	49.57 1.12 0.00	45.81 0.72 -0.03	47.29 0.84 0.00	43.70 0.77 0.00	39.81 0.74 0.00	39.07 0.73 0.00	37.55 0.74 0.00	38.95 0.76 0.00	39.09 0.72 -0.35	44.11 0.90 -0.41	49.50 1.25 -0.22	58.70 1.49 0.00	51.99 1.17 0.00	42.64 0.92 0.00	38.04 0.75 0.00	36.08 0.71 0.00
SLEIGHT__34_KV_TB1 80719	25.84 -0.58 -1.33	24.04 -0.56 -1.11	23.17 -0.54 -1.17	22.80 -0.51 -1.02	23.98 -0.54 -1.11	26.70 -0.67 -0.73	32.30 -0.12 -1.96	45.51 -0.74 0.00	47.34 -1.11 0.00	44.09 -1.04 -0.07	45.34 -1.11 0.00	41.89 -1.03 0.00	38.21 -0.86 0.00	37.62 -0.73 0.00	36.12 -0.70 0.00	37.50 -0.69 0.00	37.99 -0.76 -0.73	42.59 -1.07 -0.86	47.58 -0.91 -0.46	55.95 -1.26 0.00	49.86 -0.97 0.00	40.85 -0.88 0.00	36.70 -0.60 0.00	35.02 -0.35 0.00
SOUTH CAIRO___GT 23612	39.23 1.15 -13.00	35.48 1.13 -10.86	35.00 1.06 -11.40	33.22 0.96 -9.97	35.29 1.03 -10.85	34.93 1.20 -7.09	51.30 1.77 -19.07	49.81 3.56 0.00	52.14 3.68 0.00	48.35 2.57 -0.72	49.66 3.21 0.00	45.71 2.79 0.00	41.26 2.19 0.00	40.15 1.80 0.00	38.40 1.58 0.00	39.99 1.79 0.00	47.24 1.71 -7.51	53.72 2.14 -8.78	55.40 2.69 -4.67	61.22 4.00 0.00	54.07 3.25 0.00	44.18 2.46 0.00	39.31 2.01 0.00	37.07 1.70 0.00
SOUTH HAMPTN___IC 23720	37.07 0.78 -11.21	33.54 0.68 -9.36	32.95 0.59 -9.83	31.31 0.42 -8.60	33.24 0.47 -9.36	33.55 0.80 -6.11	46.50 1.00 -15.04	49.16 2.92 0.01	51.69 3.25 0.01	49.64 3.97 -0.61	50.77 4.32 0.00	46.83 3.91 0.00	42.74 3.67 0.00	41.87 3.53 0.00	40.27 3.46 0.00	42.20 4.01 0.00	47.96 3.50 -6.45	53.58 3.25 -7.53	55.79 3.75 -4.00	61.55 4.35 0.01	54.02 3.20 0.01	44.81 3.09 0.00	39.50 2.20 0.00	36.68 1.31 0.00
SOUTHDOW_115KV_TB1 355954	25.13 -1.98 -2.03	23.31 -1.88 -1.69	22.47 -1.85 -1.78	22.02 -1.83 -1.56	23.18 -1.92 -1.69	25.78 -1.97 -1.11	32.22 -1.22 -2.97	44.40 -1.85 0.00	46.37 -2.08 0.00	42.01 -3.15 -0.11	44.13 -2.32 0.00	40.91 -2.02 0.00	37.19 -1.88 0.00	36.89 -1.46 0.00	35.23 -1.58 0.00	36.63 -1.57 0.00	36.61 -2.55 -1.14	41.22 -2.91 -1.33	46.39 -2.35 -0.71	55.84 -1.37 0.00	50.11 -0.71 0.00	41.22 -0.50 0.00	36.89 -0.41 0.00	35.76 0.39 0.00
SOUTHOLD_69_KV_BK 2 55809	37.02 0.73 -11.21	33.49 0.63 -9.36	32.91 0.54 -9.83	31.25 0.36 -8.60	33.14 0.37 -9.36	33.50 0.75 -6.11	47.86 0.94 -16.45	49.20 2.96 0.01	51.79 3.34 0.01	49.68 4.01 -0.61	50.63 4.18 0.00	46.66 3.73 0.00	42.51 3.44 0.00	41.72 3.37 0.00	40.09 3.28 0.00	42.05 3.86 0.00	47.70 3.23 -6.45	53.45 3.12 -7.53	55.55 3.51 -4.00	61.27 4.06 0.01	53.76 2.95 0.01	44.52 2.80 0.00	39.27 1.98 0.00	36.57 1.20 0.00
SOUTHOLD___IC 23719	37.04 0.75 -11.21	33.49 0.63 -9.36	32.91 0.54 -9.83	31.24 0.36 -8.60	33.14 0.37 -9.36	33.50 0.74 -6.11	46.44 0.95 -15.04	49.21 2.96 0.01	51.79 3.34 0.01	49.68 4.01 -0.61	50.68 4.23 0.00	46.66 3.73 0.00	42.59 3.52 0.00	41.72 3.38 0.00	40.09 3.28 0.00	42.05 3.86 0.00	47.73 3.27 -6.45	53.37 3.04 -7.53	55.59 3.55 -4.00	61.33 4.12 0.01	53.76 2.95 0.01	44.52 2.80 0.00	39.20 1.90 0.00	36.58 1.20 0.00
SOUTH_FORK_WT_PWR 323839	36.79 0.50 -11.21	33.26 0.40 -9.36	32.68 0.32 -9.83	31.02 0.13 -8.60	32.91 0.14 -9.36	33.23 0.48 -6.11	46.14 0.64 -15.04	48.74 2.50 0.01	51.30 2.86 0.01	49.28 3.61 -0.61	50.12 3.67 0.00	46.15 3.22 0.00	42.08 3.01 0.00	41.18 2.84 0.00	39.61 2.80 0.00	41.55 3.36 0.00	47.16 2.70 -6.45	52.77 2.44 -7.53	54.87 2.83 -4.00	60.46 3.26 0.01	53.00 2.18 0.01	43.89 2.17 0.00	38.64 1.34 0.00	36.19 0.81 0.00
SPIERFLS_115KV_TB 1 80737	40.55 1.40 -14.06	36.51 1.27 -11.75	36.09 1.22 -12.33	34.24 1.16 -10.79	36.37 1.22 -11.74	35.78 1.47 -7.67	52.28 1.19 -20.63	48.66 2.41 0.00	51.31 2.86 0.00	48.32 2.48 -0.79	49.10 2.65 0.00	45.24 2.32 0.00	41.14 2.07 0.00	40.30 1.96 0.00	38.80 1.99 0.00	40.48 2.29 0.00	48.31 2.09 -8.20	54.87 2.48 -9.58	55.87 2.74 -5.10	60.30 3.09 0.00	53.41 2.59 0.00	43.77 2.04 0.00	39.80 2.50 0.00	37.39 2.02 0.00
ST LAWRENCE____ 23600	24.58 -0.50 0.00	23.00 -0.49 0.00	22.07 -0.47 0.00	21.80 -0.49 0.00	22.89 -0.52 0.00	26.06 -0.59 0.00	29.73 -0.73 0.00	45.19 -1.06 0.00	47.49 -0.97 0.00	44.29 -0.77 0.00	45.66 -0.79 0.00	42.19 -0.73 0.00	38.40 -0.66 0.00	37.73 -0.62 0.00	36.22 -0.59 0.00	37.43 -0.76 0.00	37.26 -0.76 0.00	42.08 -0.73 0.00	47.03 -1.01 0.00	56.07 -1.14 0.00	50.06 -0.76 0.00	41.10 -0.62 0.00	36.77 -0.52 0.00	34.98 -0.39 0.00
STATE_CA_115KV_115_LB 55624	39.90 1.08 -13.74	35.96 0.99 -11.48	35.54 0.95 -12.05	33.75 0.91 -10.54	35.84 0.96 -11.47	35.26 1.12 -7.49	52.15 1.52 -20.16	48.89 2.64 0.00	51.22 2.76 0.00	48.35 2.52 -0.77	49.10 2.65 0.00	45.33 2.40 0.00	40.94 1.88 0.00	39.88 1.53 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.69 1.67 -8.00	54.03 1.88 -9.34	55.17 2.16 -4.97	59.73 2.52 0.00	52.85 2.03 0.00	43.31 1.59 0.00	38.53 1.23 0.00	36.22 0.85 0.00

STATE_ST_34_KV_LOAD 55959	26.43 -0.08 -1.42	24.58 -0.09 -1.18	23.69 -0.09 -1.24	23.31 -0.07 -1.09	24.54 -0.05 -1.18	27.34 -0.08 -0.77	32.91 0.37 -2.08	46.53 0.28 0.00	48.45 0.00 0.00	45.00 -0.14 -0.07	46.36 -0.09 0.00	42.84 -0.09 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.78 -0.04 0.00	38.23 0.04 0.00	38.76 -0.04 -0.78	43.68 -0.04 -0.91	48.67 0.14 -0.49	57.38 0.17 0.00	51.03 0.20 0.00	41.81 0.08 0.00	37.41 0.11 0.00	35.62 0.25 0.00
STATION 5_MISC_HYD 23604	25.75 -0.70 -1.37	23.93 -0.70 -1.15	23.09 -0.65 -1.20	22.69 -0.65 -1.05	23.94 -0.61 -1.14	26.67 -0.72 -0.75	31.98 -0.24 -1.76	45.05 -1.20 0.00	46.86 -1.60 0.00	43.69 -1.44 -0.07	44.69 -1.77 0.00	41.42 -1.50 0.00	37.78 -1.29 0.00	37.35 -1.00 0.00	35.86 -0.96 0.00	37.05 -1.14 0.00	37.71 -1.06 -0.75	42.23 -1.46 -0.88	47.21 -1.29 -0.47	55.44 -1.77 0.00	49.50 -1.32 0.00	40.60 -1.12 0.00	36.55 -0.75 0.00	35.05 -0.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.07 -0.35 -1.34	24.24 -0.38 -1.12	23.38 -0.34 -1.17	23.00 -0.31 -1.03	24.20 -0.33 -1.12	26.97 -0.40 -0.73	32.61 0.18 -1.96	46.11 -0.14 0.00	47.92 -0.53 0.00	44.50 -0.63 -0.07	45.80 -0.65 0.00	42.32 -0.60 0.00	38.60 -0.47 0.00	38.04 -0.31 0.00	36.52 -0.29 0.00	37.92 -0.27 0.00	38.37 -0.38 -0.74	43.06 -0.60 -0.86	48.16 -0.34 -0.46	56.70 -0.51 0.00	50.62 -0.20 0.00	41.43 -0.29 0.00	37.19 -0.11 0.00	35.44 0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.66 -0.78 -1.36	23.88 -0.75 -1.13	23.01 -0.72 -1.19	22.62 -0.71 -1.04	23.77 -0.77 -1.13	26.45 -0.93 -0.74	32.09 -0.37 -1.99	44.91 -1.34 0.00	46.71 -1.74 0.00	43.60 -1.53 -0.07	44.69 -1.77 0.00	41.34 -1.59 0.00	37.74 -1.33 0.00	37.24 -1.11 0.00	35.75 -1.07 0.00	37.08 -1.11 0.00	37.62 -1.14 -0.75	42.09 -1.58 -0.87	47.11 -1.39 -0.46	55.27 -1.95 0.00	49.35 -1.47 0.00	40.43 -1.29 0.00	36.40 -0.90 0.00	34.88 -0.50 0.00
STA_56___34_KV_BUS2 355983	25.66 -0.78 -1.36	23.88 -0.75 -1.13	23.01 -0.72 -1.19	22.62 -0.71 -1.04	23.77 -0.77 -1.13	26.45 -0.93 -0.74	32.09 -0.37 -1.99	44.91 -1.34 0.00	46.71 -1.74 0.00	43.60 -1.53 -0.07	44.69 -1.77 0.00	41.34 -1.59 0.00	37.74 -1.33 0.00	37.24 -1.11 0.00	35.75 -1.07 0.00	37.08 -1.11 0.00	37.62 -1.14 -0.75	42.09 -1.58 -0.87	47.11 -1.39 -0.46	55.27 -1.95 0.00	49.35 -1.47 0.00	40.43 -1.29 0.00	36.40 -0.90 0.00	34.88 -0.50 0.00
STA_67___115KV_BK2 355882	25.70 -0.75 -1.37	23.93 -0.70 -1.14	23.04 -0.70 -1.20	22.67 -0.67 -1.05	23.83 -0.73 -1.14	26.48 -0.91 -0.75	32.17 -0.30 -2.01	44.96 -1.30 0.00	46.76 -1.70 0.00	43.60 -1.53 -0.07	44.73 -1.72 0.00	41.34 -1.59 0.00	37.74 -1.33 0.00	37.27 -1.07 0.00	35.75 -1.07 0.00	37.08 -1.11 0.00	37.67 -1.10 -0.75	42.10 -1.58 -0.88	47.11 -1.39 -0.47	55.27 -1.95 0.00	49.40 -1.42 0.00	40.51 -1.21 0.00	36.48 -0.82 0.00	34.98 -0.39 0.00
STA_7___115KV_9TRANS 80674	25.83 -0.63 -1.37	24.05 -0.59 -1.15	23.16 -0.59 -1.20	22.78 -0.56 -1.05	23.94 -0.61 -1.14	26.65 -0.75 -0.75	32.35 -0.12 -2.01	45.28 -0.97 0.00	47.05 -1.41 0.00	43.91 -1.22 -0.07	45.06 -1.39 0.00	41.64 -1.29 0.00	38.01 -1.05 0.00	37.54 -0.81 0.00	36.08 -0.74 0.00	37.39 -0.80 0.00	37.93 -0.84 -0.75	42.40 -1.28 -0.88	47.45 -1.06 -0.47	55.73 -1.49 0.00	49.81 -1.02 0.00	40.80 -0.92 0.00	36.74 -0.56 0.00	35.20 -0.18 0.00
STA_82___115KV_TB1 80780	25.71 -0.75 -1.38	23.94 -0.70 -1.15	23.05 -0.70 -1.21	22.68 -0.67 -1.06	23.83 -0.73 -1.15	26.49 -0.91 -0.75	32.21 -0.27 -2.02	44.96 -1.30 0.00	46.76 -1.70 0.00	43.60 -1.53 -0.07	44.73 -1.72 0.00	41.34 -1.59 0.00	37.74 -1.33 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	37.12 -1.07 0.00	37.67 -1.10 -0.76	42.11 -1.58 -0.89	47.12 -1.39 -0.47	55.32 -1.89 0.00	49.40 -1.42 0.00	40.51 -1.21 0.00	36.48 -0.82 0.00	34.98 -0.39 0.00
STEEL___WIND 323596	25.11 -1.81 -1.83	23.31 -1.71 -1.53	22.50 -1.64 -1.60	22.04 -1.65 -1.40	23.27 -1.66 -1.53	25.67 -1.97 -1.00	31.50 -1.34 -2.38	43.66 -2.59 0.00	45.40 -3.05 0.00	41.82 -3.33 -0.10	43.25 -3.20 0.00	40.26 -2.66 0.00	36.68 -2.38 0.00	36.39 -1.95 0.00	34.86 -1.95 0.00	36.02 -2.18 0.00	36.33 -2.70 -1.01	40.60 -3.38 -1.18	45.55 -3.12 -0.63	54.01 -3.20 0.00	48.43 -2.39 0.00	39.84 -1.88 0.00	35.92 -1.38 0.00	34.80 -0.57 0.00
STEPHTWN_115KV_BK_2 55603	39.89 1.20 -13.60	35.96 1.10 -11.36	35.50 1.04 -11.93	33.75 1.03 -10.44	35.82 1.05 -11.36	35.29 1.23 -7.42	52.12 1.71 -19.96	49.17 2.91 0.00	51.51 3.05 0.00	48.57 2.75 -0.76	49.38 2.93 0.00	45.59 2.66 0.00	41.18 2.11 0.00	40.07 1.73 0.00	38.25 1.44 0.00	39.80 1.60 0.00	47.84 1.94 -7.89	54.20 2.18 -9.21	55.44 2.50 -4.90	60.13 2.92 0.00	53.21 2.39 0.00	43.60 1.88 0.00	38.75 1.45 0.00	36.43 1.06 0.00
STEUBEN_REC_LFGE 323667	25.60 -1.93 -2.44	23.68 -1.86 -2.04	22.90 -1.78 -2.14	22.43 -1.74 -1.87	23.65 -1.80 -2.04	25.95 -2.02 -1.33	32.58 -1.46 -3.58	44.36 -1.90 0.00	45.89 -2.57 0.00	41.76 -3.42 -0.13	43.38 -3.07 0.00	40.43 -2.49 0.00	36.88 -2.19 0.00	36.47 -1.88 0.00	34.94 -1.88 0.00	36.05 -2.14 0.00	36.77 -2.62 -1.37	41.45 -2.95 -1.60	46.30 -2.59 -0.85	54.52 -2.69 0.00	48.64 -2.19 0.00	39.64 -2.09 0.00	35.58 -1.72 0.00	34.17 -1.20 0.00
STILLWATER___SOLAR 323814	40.35 1.28 -13.99	36.33 1.15 -11.69	35.94 1.13 -12.27	34.09 1.07 -10.74	36.24 1.15 -11.68	35.63 1.36 -7.63	51.24 1.95 -18.82	50.05 3.79 0.00	51.95 3.49 0.00	48.95 3.11 -0.78	49.70 3.25 0.00	45.80 2.88 0.00	41.61 2.54 0.00	40.76 2.42 0.00	39.21 2.39 0.00	40.90 2.71 0.00	48.70 2.55 -8.14	55.26 2.95 -9.51	56.35 3.22 -5.09	60.93 3.72 0.00	53.92 3.10 0.00	44.18 2.46 0.00	39.57 2.28 0.00	37.21 1.84 0.00
STONY___BROOK 24151	37.17 0.88 -11.21	33.63 0.77 -9.36	33.07 0.70 -9.83	31.45 0.56 -8.60	33.35 0.59 -9.36	33.69 0.93 -6.11	46.69 1.19 -15.04	49.53 3.28 0.01	51.89 3.44 0.01	49.68 4.01 -0.61	50.95 4.50 0.00	47.05 4.12 0.00	42.97 3.91 0.00	42.14 3.80 0.00	40.53 3.72 0.00	42.47 4.28 0.00	48.23 3.76 -6.45	53.88 3.55 -7.53	56.17 4.13 -4.00	61.95 4.75 0.01	54.42 3.61 0.01	45.14 3.42 0.00	39.80 2.50 0.00	36.89 1.52 0.00
STURGEON_POOL_HYD 23609	37.30 0.80 -11.41	33.83 0.80 -9.54	33.27 0.72 -10.01	31.72 0.67 -8.76	33.66 0.73 -9.53	33.75 0.88 -6.23	48.49 1.28 -16.75	49.49 3.24 0.00	51.94 3.49 0.00	48.80 3.11 -0.63	49.89 3.44 0.00	46.01 3.09 0.00	41.96 2.89 0.00	41.19 2.84 0.00	39.61 2.80 0.00	41.21 3.02 0.00	47.25 2.66 -6.57	53.43 2.95 -7.67	55.48 3.36 -4.08	61.68 4.46 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.50 2.20 0.00	37.11 1.73 0.00
ST_LAW_115_BK7_LBMP 345037	24.53 -0.55 0.00	22.98 -0.52 0.00	22.05 -0.50 0.00	21.78 -0.51 0.00	22.85 -0.56 0.00	26.00 -0.64 0.00	29.67 -0.79 0.00	45.10 -1.15 0.00	47.43 -1.02 0.00	44.25 -0.81 0.00	45.57 -0.88 0.00	42.15 -0.77 0.00	38.32 -0.74 0.00	37.70 -0.65 0.00	36.19 -0.63 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	42.03 -0.77 0.00	46.98 -1.06 0.00	55.95 -1.26 0.00	50.06 -0.76 0.00	41.05 -0.67 0.00	36.77 -0.52 0.00	34.95 -0.42 0.00

ST_LAW_115_BK8_LBMP 345038	24.53 -0.55 0.00	22.98 -0.52 0.00	22.05 -0.50 0.00	21.78 -0.51 0.00	22.85 -0.56 0.00	26.00 -0.64 0.00	29.67 -0.79 0.00	45.10 -1.15 0.00	47.43 -1.02 0.00	44.25 -0.81 0.00	45.57 -0.88 0.00	42.15 -0.77 0.00	38.32 -0.74 0.00	37.70 -0.65 0.00	36.19 -0.63 0.00	37.35 -0.84 0.00	37.22 -0.80 0.00	42.03 -0.77 0.00	46.98 -1.06 0.00	55.95 -1.26 0.00	50.06 -0.76 0.00	41.05 -0.67 0.00	36.77 -0.52 0.00	34.95 -0.42 0.00
ST_LAW_230_BK5_LBMP 345035	24.58 -0.50 0.00	23.00 -0.49 0.00	22.07 -0.47 0.00	21.80 -0.49 0.00	22.89 -0.52 0.00	26.06 -0.59 0.00	29.73 -0.73 0.00	45.19 -1.06 0.00	47.49 -0.97 0.00	44.29 -0.77 0.00	45.66 -0.79 0.00	42.19 -0.73 0.00	38.40 -0.66 0.00	37.73 -0.62 0.00	36.22 -0.59 0.00	37.43 -0.76 0.00	37.26 -0.76 0.00	42.08 -0.73 0.00	47.03 -1.01 0.00	56.07 -1.14 0.00	50.06 -0.76 0.00	41.10 -0.62 0.00	36.77 -0.52 0.00	34.98 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	24.58 -0.50 0.00	23.00 -0.49 0.00	22.07 -0.47 0.00	21.80 -0.49 0.00	22.89 -0.52 0.00	26.06 -0.59 0.00	29.73 -0.73 0.00	45.19 -1.06 0.00	47.49 -0.97 0.00	44.29 -0.77 0.00	45.66 -0.79 0.00	42.19 -0.73 0.00	38.40 -0.66 0.00	37.73 -0.62 0.00	36.22 -0.59 0.00	37.43 -0.76 0.00	37.26 -0.76 0.00	42.08 -0.73 0.00	47.03 -1.01 0.00	56.07 -1.14 0.00	50.06 -0.76 0.00	41.10 -0.62 0.00	36.77 -0.52 0.00	34.98 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.32 0.88 -10.36	33.00 0.85 -8.66	32.42 0.79 -9.09	30.98 0.74 -7.95	32.86 0.80 -8.65	33.25 0.96 -5.65	46.98 1.31 -15.20	49.26 3.01 0.00	51.70 3.25 0.00	48.78 3.15 -0.57	49.61 3.16 0.00	45.84 2.92 0.00	41.76 2.70 0.00	40.95 2.61 0.00	39.36 2.54 0.00	40.94 2.75 0.00	46.56 2.59 -5.95	52.58 2.83 -6.96	54.96 3.22 -3.70	61.16 3.95 0.00	53.92 3.10 0.00	44.22 2.50 0.00	39.20 1.90 0.00	36.86 1.49 0.00
SWANROAD_115KV_TB1 355699	24.68 -2.11 -1.70	22.96 -1.95 -1.42	22.12 -1.92 -1.49	21.70 -1.89 -1.31	22.77 -2.06 -1.42	25.15 -2.42 -0.93	31.13 -1.83 -2.50	42.46 -3.79 0.00	44.09 -4.36 0.00	40.96 -4.19 -0.09	42.13 -4.32 0.00	39.06 -3.86 0.00	35.67 -3.40 0.00	35.32 -3.03 0.00	33.83 -2.98 0.00	35.10 -3.09 0.00	35.58 -3.38 -0.94	39.58 -4.32 -1.10	44.45 -4.18 -0.59	52.18 -5.03 0.00	46.81 -4.01 0.00	38.47 -3.25 0.00	34.80 -2.50 0.00	33.74 -1.63 0.00
SYNERGY___BIOGAS 323694	25.69 -0.95 -1.56	23.83 -0.96 -1.30	23.03 -0.88 -1.37	22.64 -0.85 -1.20	23.89 -0.82 -1.30	26.59 -0.91 -0.85	32.17 -0.30 -2.02	45.01 -1.25 0.00	46.61 -1.84 0.00	43.20 -1.94 -0.08	44.22 -2.23 0.00	40.99 -1.93 0.00	37.39 -1.68 0.00	37.08 -1.26 0.00	35.60 -1.21 0.00	36.66 -1.53 0.00	37.28 -1.60 -0.86	41.76 -2.05 -1.01	46.94 -1.63 -0.54	55.38 -1.83 0.00	49.65 -1.17 0.00	40.68 -1.04 0.00	36.70 -0.60 0.00	35.34 -0.04 0.00
SYRACUSE___ENERGY_ST1 323597	26.19 -0.03 -1.14	24.40 -0.05 -0.95	23.49 -0.05 -1.00	23.14 -0.02 -0.87	24.33 -0.02 -0.95	27.24 -0.03 -0.62	32.43 0.30 -1.67	46.34 0.09 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.36 -0.09 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.27 -0.08 0.00	36.74 -0.07 0.00	38.15 -0.04 0.00	38.52 -0.11 -0.62	43.36 -0.17 -0.73	48.38 -0.05 -0.39	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.30 0.00 0.00	35.48 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	26.19 -0.03 -1.14	24.40 -0.05 -0.95	23.49 -0.05 -1.00	23.14 -0.02 -0.87	24.33 -0.02 -0.95	27.24 -0.03 -0.62	32.43 0.30 -1.67	46.34 0.09 0.00	48.36 -0.10 0.00	44.94 -0.18 -0.06	46.36 -0.09 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.27 -0.08 0.00	36.74 -0.07 0.00	38.15 -0.04 0.00	38.52 -0.11 -0.62	43.36 -0.17 -0.73	48.38 -0.05 -0.39	57.10 -0.11 0.00	50.72 -0.10 0.00	41.64 -0.08 0.00	37.30 0.00 0.00	35.48 0.11 0.00
SYRACUSE___POWER 24017	26.17 -0.10 -1.19	24.39 -0.09 -0.99	23.49 -0.09 -1.04	23.13 -0.07 -0.91	24.33 -0.07 -0.99	27.18 -0.11 -0.65	32.45 0.24 -1.74	46.30 0.05 0.00	48.31 -0.15 0.00	44.90 -0.23 -0.06	46.26 -0.19 0.00	42.75 -0.17 0.00	38.95 -0.12 0.00	38.23 -0.12 0.00	36.67 -0.15 0.00	38.12 -0.08 0.00	38.52 -0.15 -0.65	43.35 -0.21 -0.76	48.40 -0.05 -0.40	57.10 -0.11 0.00	50.67 -0.15 0.00	41.60 -0.13 0.00	37.26 -0.04 0.00	35.41 0.04 0.00
TALLMAN___138KV_BK151 55660	36.74 1.00 -10.65	33.35 0.96 -8.90	32.76 0.88 -9.34	31.29 0.82 -8.17	33.19 0.89 -8.89	33.57 1.12 -5.81	47.58 1.49 -15.62	49.67 3.42 0.00	52.14 3.68 0.00	49.20 3.56 -0.58	50.03 3.58 0.00	46.23 3.31 0.00	42.12 3.05 0.00	41.34 2.99 0.00	39.72 2.91 0.00	41.32 3.13 0.00	47.06 2.93 -6.12	53.12 3.17 -7.15	55.45 3.60 -3.80	61.62 4.41 0.00	54.33 3.51 0.00	44.52 2.80 0.00	39.46 2.16 0.00	37.03 1.66 0.00
TEALLAVE_115KV_TB7 355573	25.95 -0.13 -0.99	24.18 -0.14 -0.83	23.28 -0.14 -0.87	22.94 -0.11 -0.76	24.12 -0.12 -0.83	27.05 -0.13 -0.54	32.10 0.18 -1.46	46.16 -0.09 0.00	48.16 -0.29 0.00	44.75 -0.36 -0.05	46.17 -0.28 0.00	42.67 -0.26 0.00	38.83 -0.23 0.00	38.16 -0.19 0.00	36.59 -0.22 0.00	38.04 -0.15 0.00	38.33 -0.23 -0.54	43.09 -0.34 -0.63	48.13 -0.24 -0.34	56.87 -0.34 0.00	50.47 -0.36 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.34 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	25.21 -1.51 -1.63	23.45 -1.41 -1.36	22.57 -1.40 -1.43	22.18 -1.36 -1.25	23.29 -1.47 -1.36	25.77 -1.76 -0.89	31.82 -1.04 -2.39	43.75 -2.50 0.00	45.40 -3.05 0.00	42.13 -3.02 -0.09	43.34 -3.11 0.00	40.09 -2.83 0.00	36.65 -2.42 0.00	36.28 -2.07 0.00	34.79 -2.02 0.00	36.05 -2.14 0.00	36.52 -2.40 -0.90	40.69 -3.17 -1.05	45.72 -2.88 -0.56	53.84 -3.38 0.00	48.28 -2.54 0.00	39.59 -2.13 0.00	35.77 -1.53 0.00	34.56 -0.81 0.00
TEMPLE___115KV_TB 2 55572	25.97 -0.13 -1.01	24.22 -0.12 -0.84	23.31 -0.11 -0.88	22.95 -0.11 -0.77	24.15 -0.09 -0.84	27.06 -0.13 -0.55	32.12 0.18 -1.48	46.16 -0.09 0.00	48.21 -0.24 0.00	44.80 -0.32 -0.05	46.22 -0.23 0.00	42.71 -0.21 0.00	38.87 -0.20 0.00	38.19 -0.15 0.00	36.63 -0.18 0.00	38.08 -0.11 0.00	38.37 -0.19 -0.55	43.14 -0.30 -0.64	48.19 -0.19 -0.34	56.87 -0.34 0.00	50.52 -0.30 0.00	41.47 -0.25 0.00	37.15 -0.15 0.00	35.34 -0.04 0.00
TIANA____69_KV_BK 1 55817	37.09 0.80 -11.21	33.58 0.73 -9.36	32.98 0.61 -9.83	31.36 0.47 -8.60	33.26 0.49 -9.36	33.58 0.83 -6.11	47.95 1.04 -16.45	49.20 2.96 0.01	51.69 3.25 0.01	49.64 3.97 -0.61	50.77 4.32 0.00	46.87 3.95 0.00	42.70 3.63 0.00	41.95 3.60 0.00	40.31 3.50 0.00	42.28 4.09 0.00	48.00 3.54 -6.45	53.71 3.38 -7.53	55.83 3.80 -4.00	61.67 4.46 0.01	54.17 3.35 0.01	44.89 3.17 0.00	39.65 2.35 0.00	36.75 1.38 0.00
TILDEN___115KV_TB1 80814	26.17 -0.10 -1.19	24.39 -0.09 -0.99	23.49 -0.09 -1.04	23.13 -0.07 -0.91	24.33 -0.07 -0.99	27.18 -0.11 -0.65	32.45 0.24 -1.74	46.30 0.05 0.00	48.31 -0.15 0.00	44.90 -0.23 -0.06	46.26 -0.19 0.00	42.75 -0.17 0.00	38.95 -0.12 0.00	38.23 -0.12 0.00	36.67 -0.15 0.00	38.12 -0.08 0.00	38.52 -0.15 -0.65	43.35 -0.21 -0.76	48.40 -0.05 -0.40	57.10 -0.11 0.00	50.67 -0.15 0.00	41.60 -0.13 0.00	37.26 -0.04 0.00	35.41 0.04 0.00

TRIGEN__CC 323695	37.07 0.78 -11.21	33.59 0.73 -9.36	33.02 0.65 -9.83	31.47 0.58 -8.60	33.40 0.63 -9.36	33.61 0.85 -6.11	48.07 1.16 -16.45	49.39 3.15 0.01	51.79 3.34 0.01	49.19 3.51 -0.61	50.31 3.86 0.00	46.53 3.61 0.00	42.47 3.40 0.00	41.72 3.37 0.00	40.09 3.28 0.00	41.90 3.70 0.00	47.70 3.23 -6.45	53.46 3.12 -7.53	55.60 3.55 -4.00	61.44 4.23 0.01	54.07 3.25 0.01	44.68 2.96 0.00	39.53 2.24 0.00	36.72 1.34 0.00
TRINITY__115KV__ 4 BK 55933	39.74 1.03 -13.63	35.82 0.94 -11.39	35.37 0.88 -11.95	33.62 0.87 -10.46	35.70 0.91 -11.38	35.12 1.04 -7.43	51.92 1.46 -20.00	48.70 2.45 0.00	51.02 2.57 0.00	48.21 2.39 -0.76	48.91 2.46 0.00	45.16 2.23 0.00	40.83 1.76 0.00	39.73 1.38 0.00	37.92 1.10 0.00	39.41 1.22 0.00	47.52 1.60 -7.91	53.80 1.75 -9.24	54.97 2.02 -4.91	59.56 2.35 0.00	52.70 1.88 0.00	43.18 1.46 0.00	38.42 1.12 0.00	36.15 0.78 0.00
UNION__PROCESSING_DRP 323587	25.73 -0.73 -1.38	23.94 -0.70 -1.15	23.07 -0.68 -1.21	22.68 -0.67 -1.06	23.83 -0.73 -1.15	26.52 -0.88 -0.75	32.21 -0.27 -2.02	44.96 -1.30 0.00	46.76 -1.70 0.00	43.64 -1.49 -0.07	44.73 -1.72 0.00	41.34 -1.59 0.00	37.78 -1.29 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	37.12 -1.07 0.00	37.67 -1.10 -0.76	42.11 -1.58 -0.89	47.17 -1.35 -0.47	55.32 -1.89 0.00	49.40 -1.42 0.00	40.51 -1.21 0.00	36.48 -0.82 0.00	34.98 -0.39 0.00
UPPER HUDSON__HYD 24058	40.55 1.40 -14.06	36.48 1.24 -11.75	36.09 1.22 -12.33	34.24 1.16 -10.79	36.37 1.22 -11.74	35.78 1.46 -7.67	50.83 1.19 -19.19	48.66 2.40 0.00	51.36 2.91 0.00	48.32 2.48 -0.79	49.10 2.65 0.00	45.24 2.32 0.00	41.14 2.07 0.00	40.30 1.95 0.00	38.80 1.99 0.00	40.52 2.33 0.00	48.31 2.09 -8.20	54.87 2.48 -9.58	55.90 2.74 -5.12	60.30 3.09 0.00	53.41 2.59 0.00	43.77 2.04 0.00	39.80 2.50 0.00	37.39 2.02 0.00
UPPER RAQUET__HYD 24056	23.78 -1.31 0.00	22.30 -1.20 0.00	21.39 -1.15 0.00	21.11 -1.18 0.00	22.17 -1.24 0.00	30.61 -1.36 -5.33	34.69 -1.68 -5.91	52.07 -2.31 -8.13	54.43 -2.28 -8.25	50.83 -2.03 -7.80	44.36 -2.09 0.00	40.99 -1.93 0.00	37.31 -1.76 0.00	36.70 -1.65 0.00	35.23 -1.58 0.00	36.25 -1.95 0.00	41.84 -1.94 -5.76	48.73 -1.76 -7.69	54.33 -2.11 -8.41	54.81 -2.40 0.00	49.25 -1.58 0.00	40.35 -1.38 0.00	36.07 -1.23 0.00	34.28 -1.10 0.00
VALLEY44_115KV_TB2 355964	24.88 -2.33 -2.12	23.08 -2.18 -1.77	22.26 -2.14 -1.86	21.80 -2.12 -1.63	22.93 -2.25 -1.77	25.27 -2.53 -1.16	31.57 -2.01 -3.12	43.94 -2.31 0.00	45.74 -2.71 0.00	40.62 -4.55 -0.11	43.48 -2.97 0.00	40.35 -2.58 0.00	36.72 -2.34 0.00	36.35 -1.99 0.00	34.75 -2.06 0.00	36.09 -2.10 0.00	35.45 -3.76 -1.20	39.80 -4.41 -1.40	44.46 -4.32 -0.74	54.47 -2.75 0.00	48.74 -2.08 0.00	40.01 -1.71 0.00	35.81 -1.49 0.00	34.63 -0.74 0.00
VALLEY__115KV_TB 1-4 80826	24.53 -0.55 0.00	22.98 -0.52 0.00	22.05 -0.50 0.00	21.82 -0.47 0.00	22.96 -0.44 0.00	26.16 -0.48 0.00	29.98 -0.49 0.00	45.70 -0.56 0.00	47.87 -0.58 0.00	44.43 -0.63 0.00	45.80 -0.65 0.00	42.32 -0.60 0.00	38.48 -0.59 0.00	37.73 -0.61 0.00	36.23 -0.59 0.00	37.62 -0.57 0.00	37.48 -0.53 0.00	42.16 -0.64 0.00	47.32 -0.72 0.00	56.30 -0.92 0.00	49.75 -1.07 0.00	40.85 -0.88 0.00	36.40 -0.90 0.00	34.49 -0.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.82 0.93 -4.81	28.45 0.94 -4.02	27.68 0.92 -4.22	26.92 0.94 -3.69	28.41 0.98 -4.02	30.36 1.09 -2.62	39.02 1.49 -7.06	49.12 2.87 0.00	51.80 3.34 0.00	48.16 2.84 -0.27	49.56 3.11 0.00	45.84 2.92 0.00	41.76 2.70 0.00	40.99 2.65 0.00	39.43 2.61 0.00	40.90 2.71 0.00	42.97 2.28 -2.68	48.41 2.48 -3.13	52.63 2.93 -1.66	60.76 3.55 0.00	53.67 2.85 0.00	44.02 2.29 0.00	39.12 1.83 0.00	37.00 1.63 0.00
VISCHER__FERRY HYD 24020	39.97 1.10 -13.79	36.00 0.99 -11.52	35.58 0.95 -12.09	33.80 0.94 -10.58	35.90 0.98 -11.51	35.33 1.17 -7.52	50.73 1.58 -18.68	49.40 3.15 0.00	51.65 3.20 0.00	48.76 2.93 -0.77	49.47 3.02 0.00	45.67 2.75 0.00	41.45 2.38 0.00	40.61 2.26 0.00	38.99 2.17 0.00	40.60 2.41 0.00	48.33 2.28 -8.03	54.80 2.61 -9.38	56.02 2.98 -5.00	60.70 3.49 0.00	53.67 2.84 0.00	43.97 2.25 0.00	39.20 1.90 0.00	36.86 1.49 0.00
V_A_10_SYNC_DSASP 323832	25.26 -1.35 -1.53	23.48 -1.29 -1.28	22.65 -1.24 -1.35	22.24 -1.23 -1.18	23.47 -1.22 -1.28	25.96 -1.52 -0.84	31.50 -0.94 -1.98	43.62 -2.63 0.00	45.31 -3.15 0.00	42.39 -2.75 -0.08	43.20 -3.25 0.00	40.13 -2.79 0.00	36.61 -2.46 0.00	36.24 -2.11 0.00	34.75 -2.06 0.00	35.90 -2.29 0.00	36.66 -2.21 -0.85	40.93 -2.87 -0.99	45.88 -2.69 -0.53	53.61 -3.60 0.00	47.93 -2.89 0.00	39.39 -2.34 0.00	35.58 -1.72 0.00	34.35 -1.03 0.00
V_CMM_10_SYNC_DSASP 323787	24.61 -0.48 0.00	23.05 -0.45 0.00	22.11 -0.43 0.00	21.84 -0.45 0.00	22.94 -0.47 0.00	26.08 -0.56 0.00	29.76 -0.70 0.00	45.28 -0.97 0.00	47.58 -0.87 0.00	44.38 -0.67 0.00	45.75 -0.70 0.00	42.32 -0.60 0.00	38.48 -0.58 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.51 -0.69 0.00	37.37 -0.65 0.00	42.20 -0.60 0.00	47.18 -0.86 0.00	56.18 -1.03 0.00	50.31 -0.51 0.00	41.22 -0.50 0.00	36.92 -0.37 0.00	35.13 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	24.23 -0.85 0.00	22.62 -0.87 0.00	21.66 -0.88 0.00	21.37 -0.91 0.00	22.47 -0.94 0.00	-6.73 -1.04 32.34	-6.69 -1.31 35.85	-6.72 -1.99 50.99	-5.28 -1.99 51.74	-5.54 -1.67 48.93	44.96 -1.49 0.00	41.72 -1.20 0.00	37.82 -1.25 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	36.89 -1.30 0.00	-0.38 -1.33 37.07	-5.40 -1.37 46.83	-4.90 -1.73 51.21	55.27 -1.95 0.00	49.81 -1.02 0.00	40.93 -0.79 0.00	36.66 -0.63 0.00	34.88 -0.50 0.00
V_D_10_SYNC_DSASP 323841	24.58 -0.50 0.00	23.02 -0.47 0.00	22.11 -0.43 0.00	21.82 -0.47 0.00	22.91 -0.49 0.00	27.25 -0.56 -1.17	31.03 -0.73 -1.30	47.06 -0.97 -1.78	49.39 -0.87 -1.81	46.10 -0.67 -1.71	45.80 -0.65 0.00	42.32 -0.60 0.00	38.48 -0.58 0.00	37.85 -0.50 0.00	36.34 -0.48 0.00	37.39 -0.80 0.00	38.14 -0.80 -0.93	43.89 -0.60 -1.69	49.07 -0.82 -1.84	56.29 -0.92 0.00	50.57 -0.25 0.00	41.43 -0.29 0.00	37.11 -0.19 0.00	35.30 -0.07 0.00
V_E_10_SYNC_DSASP 323830	29.08 0.55 -3.44	26.98 0.61 -2.88	26.15 0.59 -3.02	25.55 0.62 -2.64	26.82 0.54 -2.88	29.37 0.85 -1.88	36.30 1.34 -4.50	48.66 2.40 0.00	50.73 2.28 0.00	46.51 1.26 -0.19	48.08 1.62 0.00	44.34 1.41 0.00	40.47 1.40 0.00	39.77 1.42 0.00	38.33 1.51 0.00	39.91 1.72 0.00	41.62 1.67 -1.93	47.11 2.05 -2.25	52.22 2.98 -1.20	60.93 3.72 0.00	53.62 2.79 0.00	43.89 2.17 0.00	38.98 1.68 0.00	37.00 1.63 0.00
V_F_30_NSYNC__DSASP 323816	40.41 1.30 -14.02	36.38 1.17 -11.71	35.99 1.15 -12.30	34.14 1.09 -10.76	36.26 1.15 -11.71	35.65 1.36 -7.65	51.34 2.07 -18.81	50.27 4.02 0.00	52.04 3.59 0.00	48.99 3.15 -0.78	49.80 3.35 0.00	45.88 2.96 0.00	41.69 2.62 0.00	40.84 2.49 0.00	39.28 2.47 0.00	40.98 2.79 0.00	48.79 2.62 -8.15	55.37 3.04 -9.52	56.41 3.27 -5.11	60.99 3.78 0.00	53.97 3.15 0.00	44.22 2.50 0.00	39.61 2.31 0.00	37.25 1.87 0.00

V_F_30_SYNC_DSASP 323786	39.89 1.08 -13.73	35.95 0.99 -11.47	35.53 0.95 -12.04	33.74 0.91 -10.54	35.83 0.96 -11.47	35.25 1.12 -7.49	52.13 1.52 -20.15	48.89 2.64 0.00	51.22 2.76 0.00	48.35 2.52 -0.77	49.10 2.65 0.00	45.33 2.40 0.00	40.94 1.88 0.00	39.88 1.53 0.00	38.07 1.25 0.00	39.57 1.37 0.00	47.68 1.67 -7.99	54.02 1.88 -9.33	55.17 2.16 -4.96	59.73 2.52 0.00	52.85 2.03 0.00	43.31 1.59 0.00	38.53 1.23 0.00	36.22 0.85 0.00
V_XM_10_SYNC_DSASP 323789	24.23 -0.85 0.00	22.62 -0.87 0.00	21.66 -0.88 0.00	21.37 -0.91 0.00	22.47 -0.94 0.00	-6.73 -1.04 32.34	-6.69 -1.31 35.85	-6.72 -1.99 50.99	-5.28 -1.99 51.74	-5.54 -1.67 48.93	44.96 -1.49 0.00	41.72 -1.20 0.00	37.82 -1.25 0.00	37.27 -1.07 0.00	35.78 -1.03 0.00	36.89 -1.30 0.00	-0.38 -1.33 37.07	-5.40 -1.37 46.83	-4.90 -1.73 51.21	55.27 -1.95 0.00	49.81 -1.02 0.00	40.93 -0.79 0.00	36.66 -0.63 0.00	34.88 -0.50 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.91 1.08 -10.75	33.50 1.03 -8.98	32.93 0.97 -9.42	31.43 0.89 -8.25	33.34 0.96 -8.97	33.78 1.28 -5.86	47.89 1.71 -15.73	50.00 3.75 0.00	52.52 4.07 0.00	49.57 3.92 -0.59	50.45 3.99 0.00	46.57 3.65 0.00	42.47 3.40 0.00	41.68 3.34 0.00	40.06 3.24 0.00	41.67 3.48 0.00	47.23 3.04 -6.18	53.36 3.34 -7.22	55.67 3.80 -3.84	61.85 4.63 0.00	54.53 3.71 0.00	44.68 2.96 0.00	39.57 2.28 0.00	37.18 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.58 1.28 -11.21	34.08 1.22 -9.37	33.50 1.13 -9.83	31.94 1.05 -8.60	33.92 1.15 -9.37	34.17 1.41 -6.12	48.77 1.86 -16.45	50.51 4.26 0.00	53.01 4.55 0.00	50.04 4.37 -0.61	50.82 4.37 0.00	46.92 3.99 0.00	42.82 3.75 0.00	42.07 3.72 0.00	40.42 3.61 0.00	42.09 3.90 0.00	48.04 3.57 -6.45	54.23 3.90 -7.53	56.47 4.42 -4.01	62.59 5.38 0.00	55.09 4.27 0.00	45.23 3.50 0.00	40.02 2.72 0.00	37.49 2.12 0.00
W50THST__13_KV_LOAD 356117	37.68 1.38 -11.21	34.15 1.29 -9.37	33.57 1.19 -9.83	32.03 1.14 -8.60	33.99 1.22 -9.37	34.28 1.52 -6.12	48.90 1.98 -16.45	50.74 4.49 0.00	53.30 4.85 0.00	50.32 4.64 -0.61	51.10 4.65 0.00	47.17 4.25 0.00	43.09 4.02 0.00	42.30 3.95 0.00	40.68 3.87 0.00	42.35 4.16 0.00	48.26 3.80 -6.45	54.49 4.15 -7.53	56.75 4.71 -4.01	62.93 5.72 0.00	55.34 4.52 0.00	45.39 3.67 0.00	40.17 2.87 0.00	37.64 2.26 0.00
WADING RIVER_IC_1 23522	36.99 0.70 -11.21	33.47 0.61 -9.36	32.89 0.52 -9.83	31.27 0.38 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.35 0.85 -15.04	48.88 2.64 0.01	51.40 2.96 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.69 3.65 -4.00	61.44 4.23 0.01	53.97 3.15 0.01	44.77 3.04 0.00	39.50 2.20 0.00	36.61 1.24 0.00
WADING RIVER_IC_2 23547	36.99 0.70 -11.21	33.47 0.61 -9.36	32.89 0.52 -9.83	31.27 0.38 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.35 0.85 -15.04	48.88 2.64 0.01	51.40 2.96 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.69 3.65 -4.00	61.44 4.23 0.01	53.97 3.15 0.01	44.77 3.04 0.00	39.50 2.20 0.00	36.61 1.24 0.00
WADING RIVER_IC_3 23601	36.99 0.70 -11.21	33.47 0.61 -9.36	32.89 0.52 -9.83	31.27 0.38 -8.60	33.19 0.42 -9.36	33.50 0.74 -6.11	46.35 0.85 -15.04	48.88 2.64 0.01	51.40 2.96 0.01	49.37 3.70 -0.61	50.58 4.13 0.00	46.66 3.73 0.00	42.62 3.55 0.00	41.80 3.45 0.00	40.20 3.38 0.00	42.13 3.93 0.00	47.89 3.42 -6.45	53.50 3.17 -7.53	55.69 3.65 -4.00	61.44 4.23 0.01	53.97 3.15 0.01	44.77 3.04 0.00	39.50 2.20 0.00	36.61 1.24 0.00
WALDENNY_12_KV_BK2 80841	25.17 -1.73 -1.81	23.39 -1.62 -1.52	22.53 -1.60 -1.59	22.10 -1.58 -1.39	23.19 -1.73 -1.52	25.66 -1.97 -0.99	31.85 -1.28 -2.66	43.71 -2.54 0.00	45.50 -2.96 0.00	41.91 -3.24 -0.09	43.52 -2.93 0.00	40.35 -2.58 0.00	36.80 -2.27 0.00	36.47 -1.88 0.00	34.94 -1.88 0.00	36.24 -1.95 0.00	36.47 -2.55 -1.00	40.64 -3.34 -1.17	45.64 -3.03 -0.62	54.01 -3.20 0.00	48.43 -2.39 0.00	39.84 -1.88 0.00	35.92 -1.38 0.00	34.81 -0.57 0.00
WALDEN__HYDRO 24148	36.84 0.98 -10.78	33.46 0.96 -9.01	32.87 0.88 -9.45	31.39 0.82 -8.27	33.30 0.89 -9.00	33.59 1.07 -5.88	47.74 1.46 -15.82	49.54 3.28 0.00	51.99 3.54 0.00	49.03 3.38 -0.59	49.89 3.44 0.00	46.06 3.13 0.00	41.96 2.89 0.00	41.19 2.84 0.00	39.58 2.76 0.00	41.17 2.98 0.00	46.98 2.78 -6.19	53.12 3.08 -7.23	55.44 3.55 -3.85	61.56 4.35 0.00	54.28 3.46 0.00	44.48 2.75 0.00	39.42 2.13 0.00	37.03 1.66 0.00
WARRENSBURG____ 23737	40.55 1.40 -14.06	36.51 1.27 -11.75	36.09 1.22 -12.33	34.24 1.16 -10.79	36.37 1.22 -11.74	35.78 1.47 -7.67	52.28 1.19 -20.63	48.66 2.41 0.00	51.31 2.86 0.00	48.32 2.48 -0.79	49.10 2.65 0.00	45.24 2.32 0.00	41.14 2.07 0.00	40.30 1.96 0.00	38.80 1.99 0.00	40.48 2.29 0.00	48.31 2.09 -8.20	54.87 2.48 -9.58	55.87 2.74 -5.10	60.30 3.09 0.00	53.41 2.59 0.00	43.77 2.04 0.00	39.80 2.50 0.00	37.39 2.02 0.00
WATERSIDE____6 8 9 23538	35.94 1.43 -9.43	31.99 1.34 -7.15	33.61 1.24 -9.83	32.06 1.16 -8.61	34.04 1.26 -9.37	34.28 1.52 -6.12	48.52 1.98 -16.07	49.38 4.44 1.31	53.21 4.75 -0.01	50.23 4.55 -0.62	51.01 4.55 -0.01	47.12 4.21 0.01	42.98 3.91 -0.01	43.80 3.83 -1.62	43.42 3.76 -2.85	43.78 4.01 -1.58	47.65 3.76 -5.87	54.37 4.02 -7.54	56.66 4.61 -4.00	62.22 5.66 0.66	55.29 4.47 0.00	44.88 3.71 0.56	38.94 2.91 1.27	35.88 2.30 1.79
WATKINRD_115KV_LN8_ILLION 55919	24.78 -0.30 0.00	23.24 -0.26 0.00	22.29 -0.25 0.00	22.04 -0.25 0.00	23.17 -0.23 0.00	26.40 -0.24 0.00	30.25 -0.21 0.00	46.07 -0.19 0.00	48.26 -0.19 0.00	44.79 -0.27 0.00	46.17 -0.28 0.00	42.67 -0.26 0.00	38.83 -0.23 0.00	38.08 -0.27 0.00	36.56 -0.26 0.00	37.96 -0.23 0.00	37.83 -0.19 0.00	42.59 -0.21 0.00	47.80 -0.24 0.00	56.87 -0.34 0.00	50.31 -0.51 0.00	41.30 -0.42 0.00	36.85 -0.45 0.00	34.88 -0.50 0.00
WATSON__69_KV_BK 1 55734	37.30 1.00 -11.21	33.80 0.94 -9.36	33.18 0.81 -9.83	31.58 0.69 -8.60	33.49 0.73 -9.36	33.82 1.07 -6.11	48.31 1.40 -16.45	49.85 3.61 0.01	52.18 3.73 0.01	49.91 4.24 -0.61	51.14 4.69 0.00	47.26 4.34 0.00	43.09 4.02 0.00	42.34 3.99 0.00	40.72 3.90 0.00	42.66 4.47 0.00	48.42 3.95 -6.45	54.14 3.81 -7.53	56.36 4.32 -4.00	62.30 5.09 0.01	54.78 3.96 0.01	45.39 3.67 0.00	40.09 2.80 0.00	37.11 1.73 0.00
WDELAWARE__HYD 323627	36.01 0.78 -10.15	32.77 0.80 -8.48	32.16 0.72 -8.90	30.74 0.67 -7.79	32.58 0.70 -8.48	33.06 0.88 -5.54	45.32 1.25 -13.61	49.12 2.87 0.00	51.60 3.15 0.00	48.54 2.93 -0.56	49.52 3.06 0.00	45.63 2.71 0.00	41.57 2.50 0.00	40.76 2.42 0.00	39.21 2.39 0.00	40.82 2.63 0.00	46.32 2.47 -5.83	52.40 2.78 -6.81	54.93 3.27 -3.62	61.22 4.00 0.00	53.97 3.15 0.00	44.18 2.46 0.00	39.16 1.86 0.00	36.86 1.49 0.00

WEST BABYLON___IC 23714	37.27 0.98 -11.21	33.75 0.89 -9.36	33.16 0.79 -9.83	31.56 0.67 -8.60	33.49 0.73 -9.36	33.79 1.04 -6.11	48.25 1.34 -16.45	49.76 3.52 0.01	52.08 3.63 0.01	49.73 4.06 -0.61	50.96 4.51 0.00	47.09 4.16 0.00	42.94 3.87 0.00	42.18 3.83 0.00	40.57 3.76 0.00	42.51 4.32 0.00	48.23 3.76 -6.45	53.97 3.64 -7.53	56.17 4.13 -4.00	62.07 4.86 0.01	54.63 3.81 0.01	45.23 3.50 0.00	40.02 2.72 0.00	37.07 1.70 0.00
WEST CANADA___HYD 24049	25.18 0.10 0.00	23.61 0.12 0.00	22.65 0.11 0.00	22.40 0.11 0.00	23.52 0.12 0.00	26.78 0.13 0.00	30.68 0.21 0.00	46.67 0.42 0.00	48.89 0.44 0.00	45.42 0.36 0.00	46.82 0.37 0.00	43.27 0.34 0.00	39.38 0.31 0.00	38.62 0.27 0.00	37.11 0.29 0.00	38.53 0.34 0.00	38.36 0.34 0.00	43.19 0.38 0.00	48.52 0.48 0.00	57.78 0.57 0.00	51.18 0.36 0.00	42.02 0.29 0.00	37.48 0.19 0.00	35.51 0.14 0.00
WESTERN_NY_WIND 24143	25.68 -0.98 -1.58	23.87 -0.94 -1.32	23.02 -0.90 -1.38	22.61 -0.89 -1.21	23.76 -0.96 -1.32	26.36 -1.15 -0.86	32.44 -0.34 -2.31	44.96 -1.30 0.00	46.52 -1.94 0.00	43.11 -2.03 -0.08	44.31 -2.14 0.00	40.95 -1.97 0.00	37.39 -1.68 0.00	37.04 -1.30 0.00	35.53 -1.29 0.00	36.82 -1.37 0.00	37.29 -1.60 -0.87	41.68 -2.14 -1.02	46.85 -1.73 -0.54	55.32 -1.89 0.00	49.60 -1.22 0.00	40.64 -1.08 0.00	36.66 -0.63 0.00	35.30 -0.07 0.00
WESTOVER___LESR 323668	28.36 -0.28 -3.56	26.21 -0.26 -2.97	25.41 -0.25 -3.12	24.79 -0.22 -2.73	26.14 -0.23 -2.97	28.29 -0.29 -1.94	35.80 0.12 -5.22	46.48 0.23 0.00	48.45 0.00 0.00	44.89 -0.36 -0.19	46.31 -0.14 0.00	42.80 -0.13 0.00	38.99 -0.08 0.00	38.31 -0.04 0.00	36.74 -0.07 0.00	38.19 0.00 0.00	39.84 -0.19 -2.01	44.89 -0.26 -2.35	49.24 -0.05 -1.25	57.44 0.23 0.00	51.03 0.20 0.00	41.85 0.13 0.00	37.37 0.07 0.00	35.62 0.25 0.00
WETHRSFD_WT_PWR 323626	25.00 -2.23 -2.15	23.13 -2.16 -1.80	22.36 -2.07 -1.89	21.94 -2.01 -1.65	23.17 -2.04 -1.80	25.39 -2.42 -1.17	31.26 -2.01 -2.81	42.74 -3.52 0.00	44.24 -4.22 0.00	40.71 -4.46 -0.11	42.13 -4.32 0.00	39.28 -3.65 0.00	35.71 -3.36 0.00	35.20 -3.14 0.00	33.69 -3.13 0.00	34.75 -3.44 0.00	35.57 -3.65 -1.20	40.06 -4.15 -1.41	44.94 -3.84 -0.75	53.09 -4.12 0.00	47.57 -3.25 0.00	38.97 -2.75 0.00	35.06 -2.24 0.00	33.78 -1.59 0.00
WHAVSTOR_138KV_BK127 55557	36.85 1.00 -10.77	33.47 0.99 -8.99	32.88 0.90 -9.44	31.40 0.85 -8.26	33.29 0.89 -8.99	33.64 1.12 -5.87	47.75 1.49 -15.80	49.67 3.42 0.00	52.14 3.68 0.00	49.21 3.56 -0.59	50.03 3.58 0.00	46.23 3.31 0.00	42.12 3.05 0.00	41.34 2.99 0.00	39.72 2.91 0.00	41.32 3.13 0.00	47.13 2.93 -6.19	53.20 3.17 -7.23	55.49 3.60 -3.84	61.62 4.41 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.46 2.16 0.00	37.07 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.85 1.00 -10.77	33.47 0.99 -8.99	32.88 0.90 -9.44	31.40 0.85 -8.26	33.29 0.89 -8.99	33.64 1.12 -5.87	47.75 1.49 -15.80	49.67 3.42 0.00	52.14 3.68 0.00	49.21 3.56 -0.59	50.03 3.58 0.00	46.23 3.31 0.00	42.12 3.05 0.00	41.34 2.99 0.00	39.72 2.91 0.00	41.32 3.13 0.00	47.13 2.93 -6.19	53.20 3.17 -7.23	55.49 3.60 -3.84	61.62 4.41 0.00	54.33 3.51 0.00	44.56 2.84 0.00	39.46 2.16 0.00	37.07 1.70 0.00
WHITEHAL_115KV_TB1 80871	40.83 1.71 -14.04	36.75 1.53 -11.73	36.30 1.44 -12.32	34.45 1.38 -10.78	36.59 1.45 -11.73	36.06 1.76 -7.66	52.78 1.71 -20.61	49.58 3.33 0.00	52.14 3.68 0.00	48.95 3.11 -0.78	49.79 3.34 0.00	45.84 2.92 0.00	41.61 2.54 0.00	40.72 2.38 0.00	39.25 2.43 0.00	41.06 2.86 0.00	48.83 2.62 -8.19	55.54 3.17 -9.57	56.78 3.65 -5.09	61.33 4.12 0.00	54.38 3.56 0.00	44.48 2.75 0.00	40.24 2.95 0.00	37.78 2.41 0.00
WHITEPLN_13_KV_LOAD 356215	37.70 1.43 -11.19	34.21 1.36 -9.35	33.64 1.28 -9.81	32.06 1.18 -8.59	34.02 1.26 -9.35	34.27 1.52 -6.10	48.92 2.04 -16.42	50.65 4.39 0.00	53.15 4.70 0.00	50.22 4.55 -0.61	51.00 4.55 0.00	47.09 4.16 0.00	42.94 3.87 0.00	42.14 3.80 0.00	40.46 3.64 0.00	42.09 3.90 0.00	48.14 3.69 -6.43	54.39 4.07 -7.52	56.65 4.61 -4.00	62.76 5.55 0.00	55.34 4.52 0.00	45.35 3.63 0.00	40.13 2.83 0.00	37.60 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	37.07 0.78 -11.21	33.56 0.70 -9.36	32.98 0.61 -9.83	31.36 0.47 -8.60	33.26 0.49 -9.36	33.58 0.83 -6.11	47.95 1.04 -16.45	49.16 2.91 0.01	51.60 3.15 0.01	49.50 3.83 -0.61	50.68 4.23 0.00	46.83 3.91 0.00	42.66 3.59 0.00	41.91 3.57 0.00	40.31 3.50 0.00	42.28 4.09 0.00	48.04 3.57 -6.45	53.71 3.38 -7.53	55.83 3.80 -4.00	61.67 4.46 0.01	54.17 3.35 0.01	44.98 3.25 0.00	39.68 2.39 0.00	36.75 1.38 0.00
WOODARD___115KV_TB2 355635	25.94 -0.15 -1.01	24.17 -0.16 -0.85	23.27 -0.16 -0.89	22.93 -0.13 -0.78	24.11 -0.14 -0.84	27.04 -0.16 -0.55	32.07 0.12 -1.48	46.07 -0.19 0.00	48.12 -0.34 0.00	44.71 -0.41 -0.05	46.13 -0.33 0.00	42.58 -0.34 0.00	38.79 -0.27 0.00	38.08 -0.27 0.00	36.56 -0.26 0.00	37.96 -0.23 0.00	38.30 -0.27 -0.55	43.06 -0.39 -0.64	48.09 -0.29 -0.34	56.75 -0.46 0.00	50.42 -0.41 0.00	41.39 -0.33 0.00	37.11 -0.19 0.00	35.27 -0.11 0.00
YORK___WARBASSE 23770	50.35 1.63 -23.63	49.78 1.53 -24.76	33.90 1.42 -9.94	32.24 1.34 -8.61	34.21 1.43 -9.37	34.50 1.73 -6.13	51.78 2.22 -19.10	63.23 4.72 -12.26	64.14 5.04 -10.65	62.33 4.82 -12.45	54.68 4.88 -3.35	55.17 4.42 -7.83	55.44 4.10 -12.27	57.44 4.03 -15.06	58.76 3.94 -18.01	57.27 4.20 -14.87	53.85 3.99 -11.84	55.00 4.32 -7.87	57.00 4.95 -4.01	78.26 6.06 -14.98	55.70 4.88 0.00	58.70 3.96 -13.01	52.36 3.21 -11.86	50.36 2.58 -12.41